

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090216\
 Data File : BF089974.D
 Acq On : 2 Sep 2016 14:51
 Operator : UM/SJ
 Sample : PB93205BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 02 16:33:41 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 13:29:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	192860	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	739347	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	373864	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	709088	20.00	ng	0.00
75) Chrysene-d12	13.76	240	483873	20.00	ng	0.00
86) Perylene-d12	15.10	264	438979	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1308644	108.61	ng	0.01
7) Phenol-d6	6.28	99	1629192	111.28	ng	0.00
23) Nitrobenzene-d5	7.21	82	1133217	88.89	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	428564	116.19	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1966427	86.34	ng	0.00
78) Terphenyl-d14	12.72	244	1579597	80.64	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.17	88	198584	34.79	ng	99
3) Pyridine	2.80	79	564303	37.05	ng	98
4) n-Nitrosodimethylamine	2.75	42	319288	42.51	ng	98
6) Aniline	6.30	93	513591	25.71	ng	# 58
8) 2-Chlorophenol	6.42	128	536437	41.04	ng	95
9) Benzaldehyde	6.17	77	92771	9.82	ng	89
10) Phenol	6.30	94	564553	33.16	ng	94
11) bis(2-Chloroethyl)ether	6.39	93	518697	40.26	ng	# 83
12) 1,3-Dichlorobenzene	6.81	146	576435	39.48	ng	97
13) 1,4-Dichlorobenzene	6.65	146	571582	38.26	ng	99
14) 1,2-Dichlorobenzene	6.81	146	576455	43.05	ng	98
15) Benzyl Alcohol	6.79	79	393360	42.89	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1018370	41.46	ng	97
17) 2-Methylphenol	6.91	107	472672	45.28	ng	97
18) Hexachloroethane	7.15	117	212072	41.45	ng	93
19) n-Nitroso-di-n-propylamine	7.07	70	399452	41.87	ng	96
20) 3+4-Methylphenols	7.06	107	500996	39.59	ng	93
22) Acetophenone	7.05	105	642899	38.76	ng	# 94
24) Nitrobenzene	7.22	77	506717	37.39	ng	93
25) Isophorone	7.47	82	1067228	41.17	ng	99
26) 2-Nitrophenol	7.54	139	291261	44.96	ng	96
27) 2,4-Dimethylphenol	7.60	122	523978	43.72	ng	93
28) bis(2-Chloroethoxy)methane	7.69	93	713492	45.63	ng	99
29) 2,4-Dichlorophenol	7.78	162	451294	42.00	ng	99
30) 1,2,4-Trichlorobenzene	7.87	180	518519	44.14	ng	100
31) Naphthalene	7.94	128	1451285	39.40	ng	99
32) Benzoic acid	7.72	122	270868	33.55	ng	92
33) 4-Chloroaniline	8.00	127	304005	20.46	ng	95
34) Hexachlorobutadiene	8.07	225	279030	40.54	ng	99
35) Caprolactam	8.36	113	113880	33.58	ng	92
36) 4-Chloro-3-methylphenol	8.49	107	491296	43.18	ng	86
37) 2-Methylnaphthalene	8.64	142	1108072	45.53	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	379727	34.67	ng	99
40) Hexachlorocyclopentadiene	8.79	237	470630	83.81	ng	94

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Instrument :
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 ClientSampleId :

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 13:29:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	332927	43.86	nq	99
43) 2,4,5-Trichlorophenol	8.96	196	336197	46.06	nq	# 92
45) 1,1'-Biphenyl	9.10	154	1039808	34.54	nq	100
46) 2-Chloronaphthalene	9.12	162	922370	43.32	nq	99
47) 2-Nitroaniline	9.22	65	336652	48.36	nq	# 65
48) Acenaphthylene	9.53	152	1444643	41.03	nq	100
49) Dimethylphthalate	9.40	163	1119334	41.42	nq	99
50) 2,6-Dinitrotoluene	9.46	165	248104	41.28	nq	97
51) Acenaphthene	9.70	154	1004061	45.01	nq	99
52) 3-Nitroaniline	9.62	138	186307	27.18	nq	99
53) 2,4-Dinitrophenol	9.74	184	247316	65.42	nq	# 71
54) Dibenzofuran	9.87	168	1269272	42.46	nq	98
55) 4-Nitrophenol	9.80	139	436155	84.36	nq	89
56) 2,4-Dinitrotoluene	9.86	165	318939	41.85	nq	89
57) Fluorene	10.22	166	1006080	46.06	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.00	232	297549	47.62	nq	95
59) Diethylphthalate	10.10	149	1105856	43.50	nq	99
60) 4-Chlorophenyl-phenylether	10.22	204	467277	45.46	nq	97
61) 4-Nitroaniline	10.24	138	273841	40.66	nq	94
62) Azobenzene	10.36	77	1147021	45.17	nq	99
64) 4,6-Dinitro-2-methylphenol	10.27	198	167085	36.81	nq	# 47
65) n-Nitrosodiphenylamine	10.33	169	882371	41.39	nq	100
66) 4-Bromophenyl-phenylether	10.70	248	306130	42.88	nq	96
67) Hexachlorobenzene	10.75	284	328802	40.32	nq	96
68) Atrazine	10.87	200	336534	47.29	nq	93
69) Pentachlorophenol	10.95	266	341716	77.90	nq	99
70) Phenanthrene	11.16	178	1458478	41.30	nq	100
71) Anthracene	11.21	178	1522684	42.52	nq	99
72) Carbazole	11.37	167	1256737	37.42	nq	100
73) Di-n-butylphthalate	11.72	149	1770035	45.22	nq	# 98
74) Fluoranthene	12.34	202	1525273	41.22	nq	98
76) Benzidine	12.47	184	538752	29.39	nq	96
77) Pyrene	12.57	202	1522217	44.62	nq	99
79) Butylbenzylphthalate	13.20	149	643722	46.79	nq	99
80) Benzo(a)anthracene	13.75	228	1238786	41.80	nq	99
81) 3,3'-Dichlorobenzidine	13.71	252	300420	28.08	nq	99
82) Chrysene	13.78	228	1112028	40.17	nq	99
83) Bis(2-ethylhexyl)phthalate	13.77	149	921580	48.43	nq	99
84) Di-n-octyl phthalate	14.38	149	1483491	48.30	nq	100
85) Indeno(1,2,3-cd)pyrene	16.33	276	1038191	50.73	nq	100
87) Benzo(b)fluoranthene	14.77	252	2132794	77.56	nq	# 97
88) Benzo(k)fluoranthene	14.77	252	2133514	91.43	nq	98
89) Benzo(a)pyrene	15.05	252	1039416	44.12	nq	# 98
90) Dibenzo(a,h)anthracene	16.35	278	887200	51.39	nq	97
91) Benzo(g,h,i)perylene	16.70	276	863703	49.70	nq	# 95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

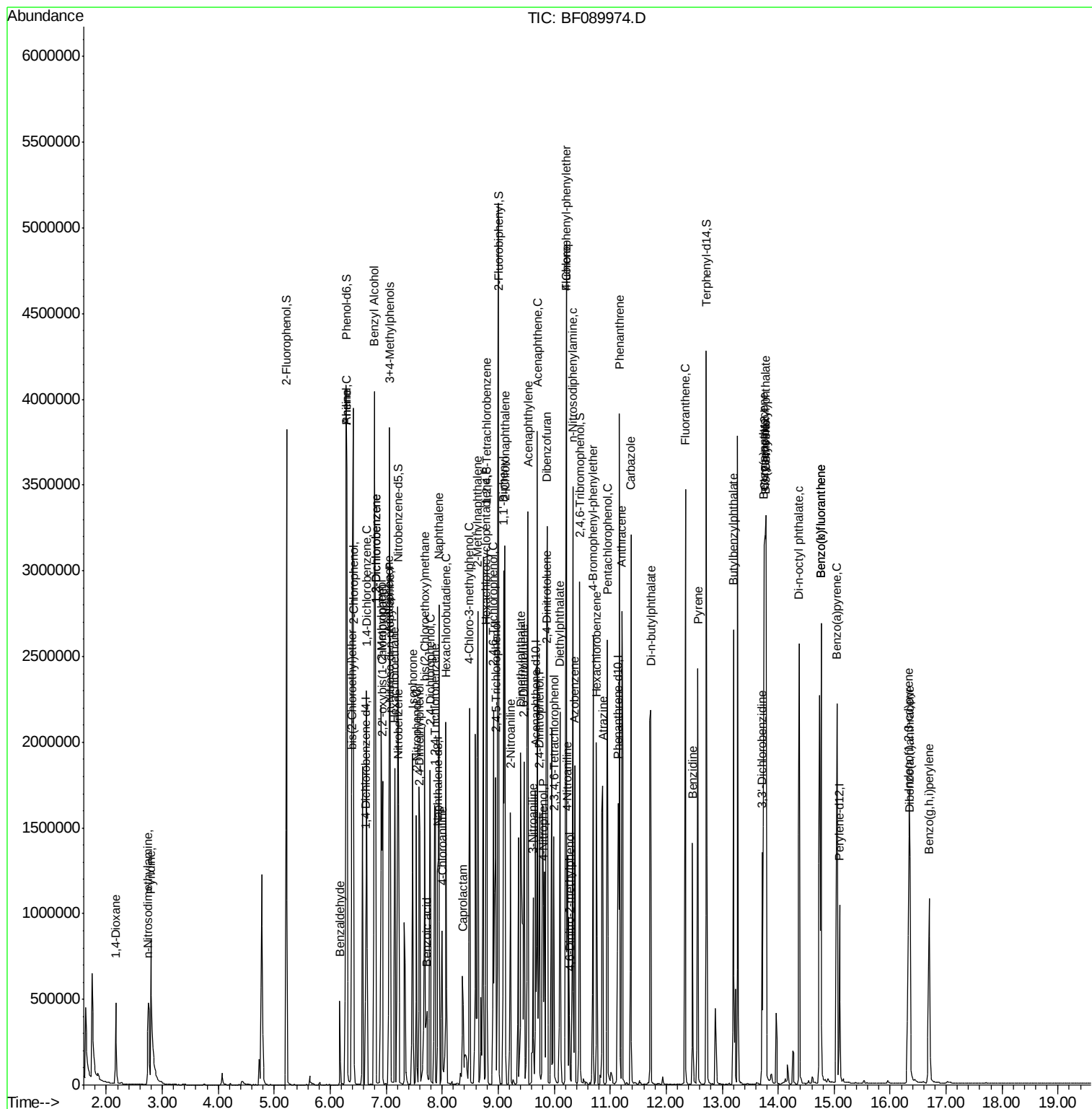
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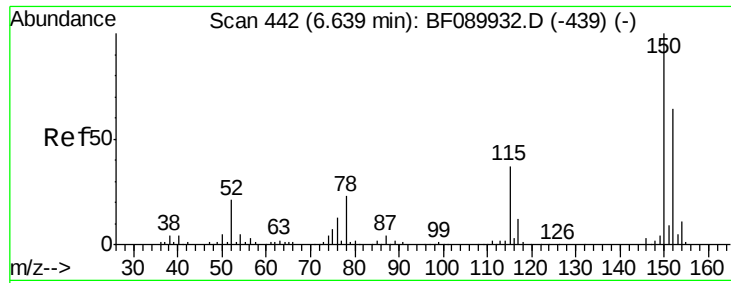
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090216\
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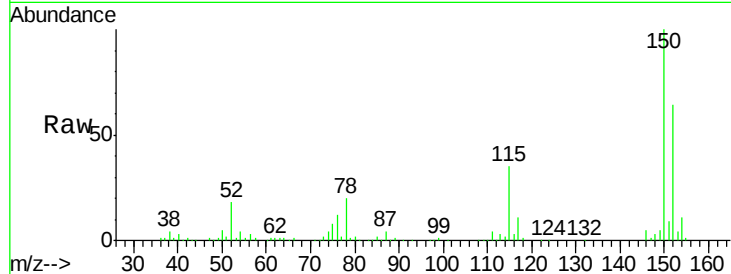


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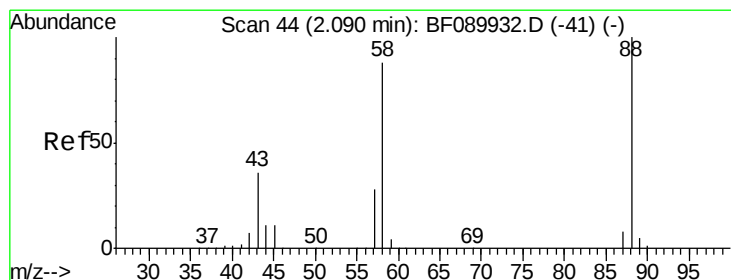
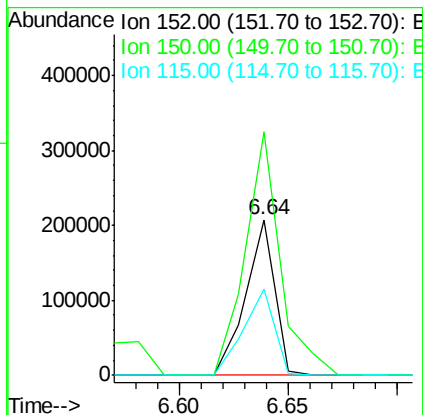
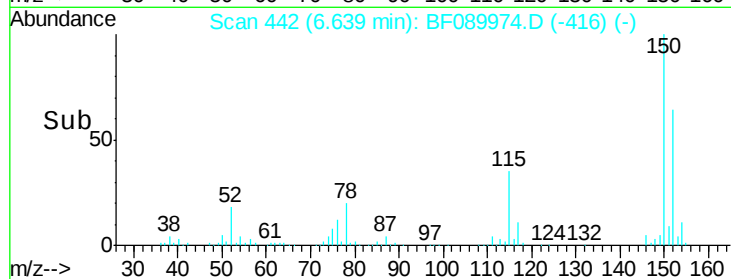
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 192860
Ion Ratio Lower Upper
152 100
150 156.4 127.4 191.2
115 55.2 46.3 69.5



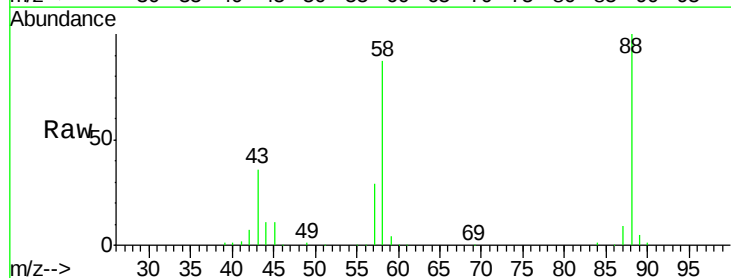
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



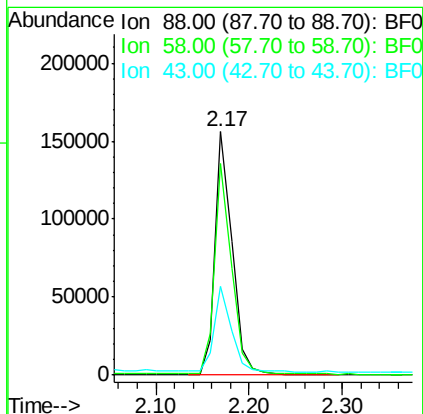
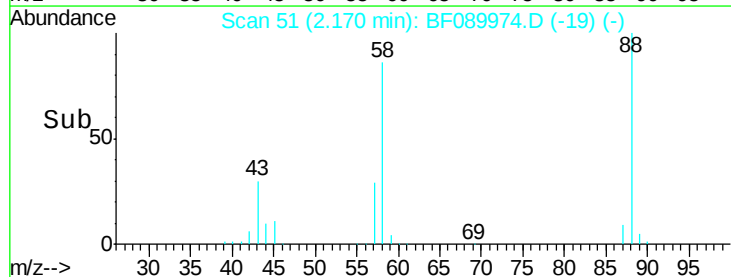
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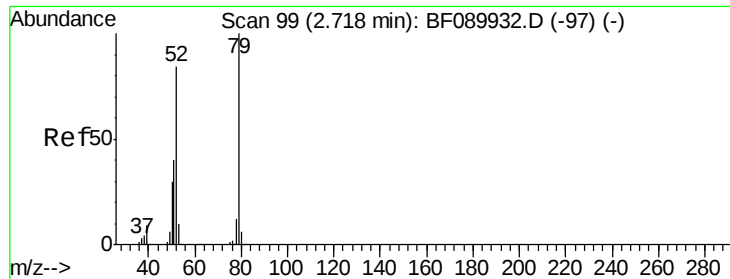
1,4-Dioxane
Concen: 34.79 ng
RT: 2.17 min Scan# 51
Delta R.T. 0.07 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Tgt Ion: 88 Resp: 198584
Ion Ratio Lower Upper
88 100
58 86.9 68.8 103.2
43 34.8 27.0 40.6



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 37.05 ng

RT: 2.80 min Scan# 106

Delta R.T. 0.07 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Instrument :

BNA_F

ClientSampleId :

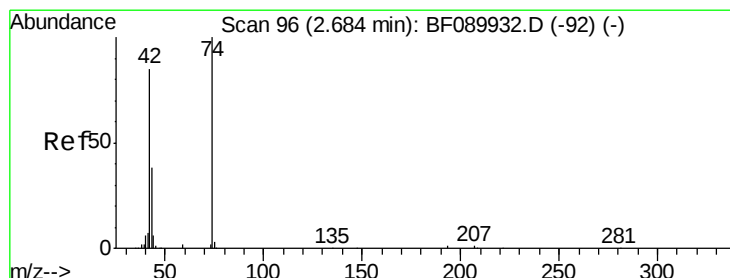
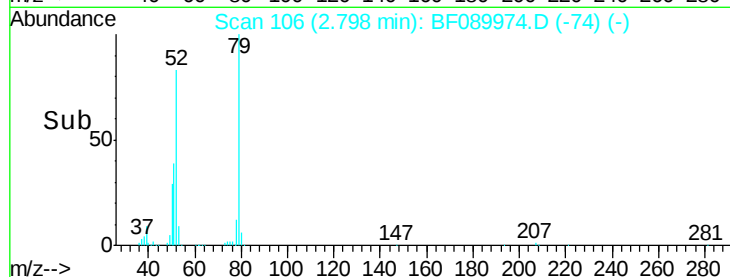
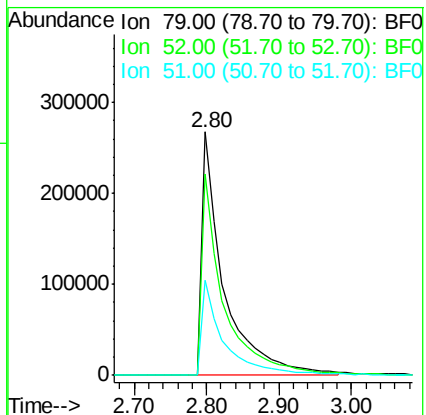
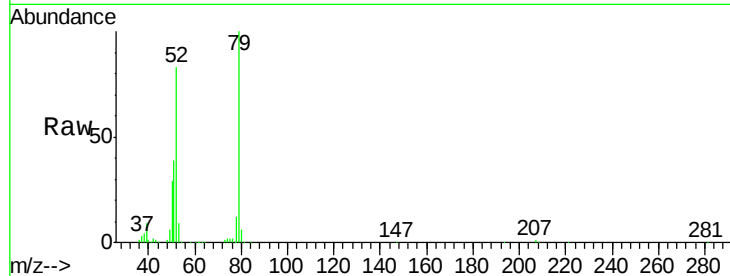
Tot Ion: 79 Resp: 564303

Ion Ratio Lower Upper

79 100

52 82.7 67.8 101.6

51 39.3 32.9 49.3



#4

n-Nitrosodimethylamine

Concen: 42.51 ng

RT: 2.75 min Scan# 102

Delta R.T. 0.06 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

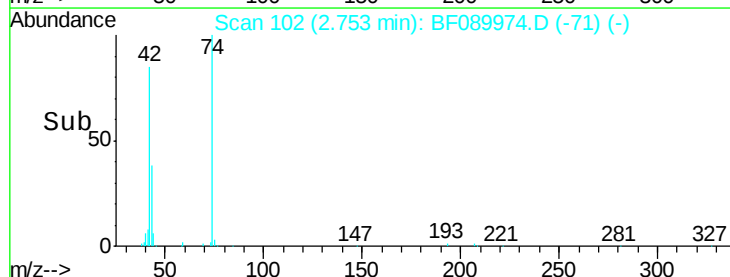
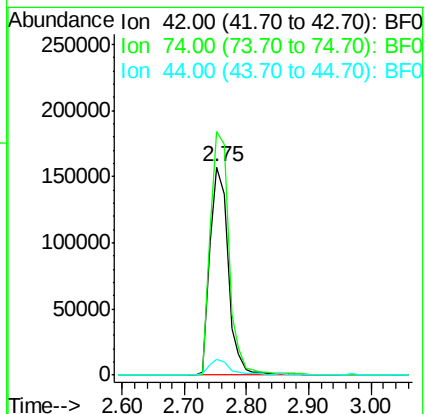
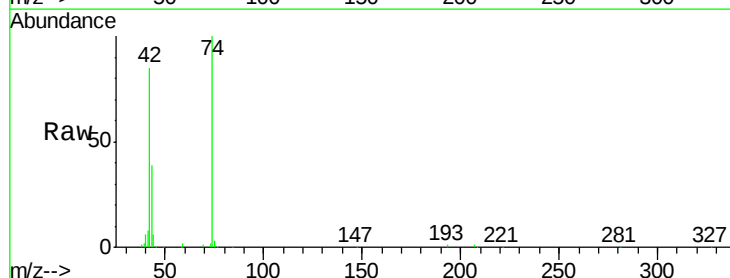
Tgt Ion: 42 Resp: 319288

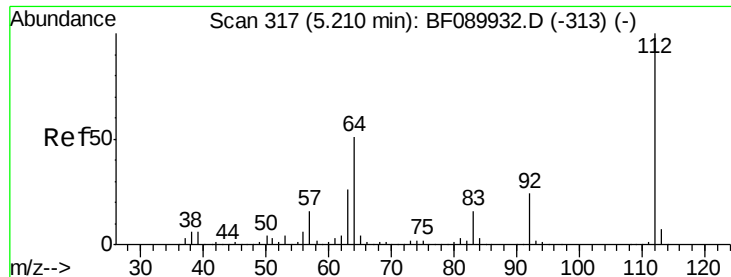
Ion Ratio Lower Upper

42 100

74 117.1 92.0 138.0

44 7.3 5.8 8.8





#5

2-Fluorophenol

Concen: 108.61 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.01 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Instrument :

BNA_F

ClientSampleId :

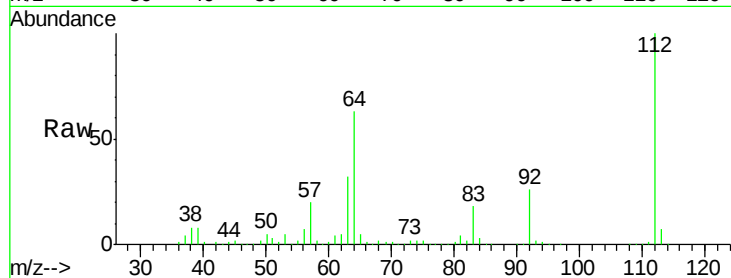
Tot Ion:112 Resp: 1308644

Ion Ratio Lower Upper

112 100

64 62.6 41.1 61.7#

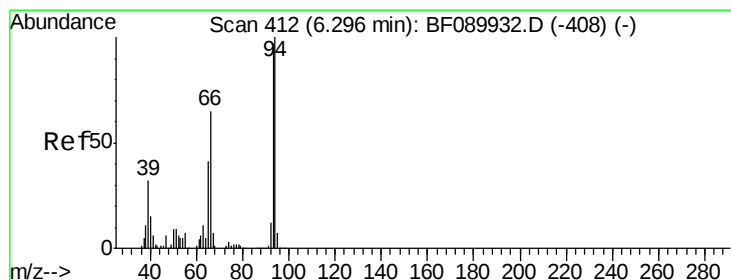
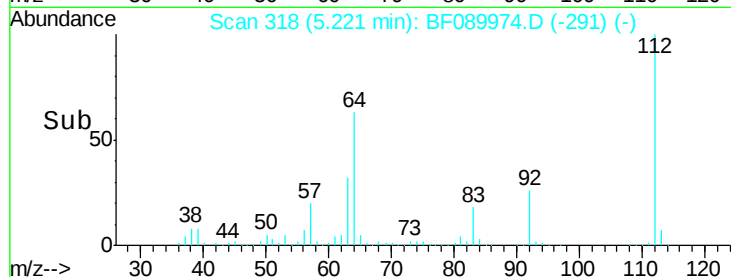
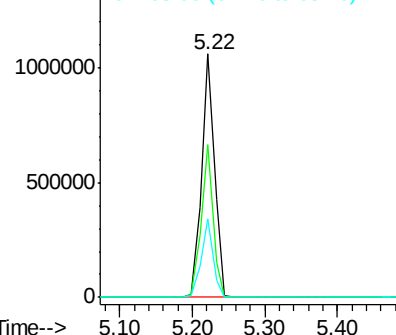
63 32.1 21.2 31.8#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 25.71 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

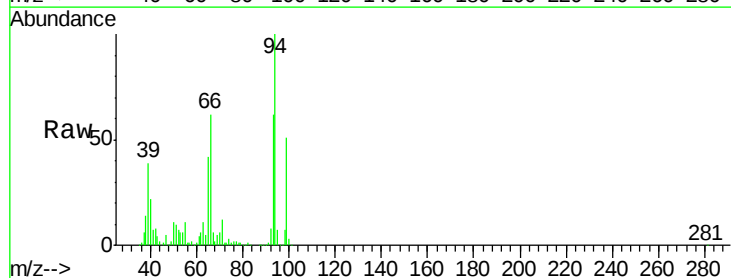
Tgt Ion: 93 Resp: 513591

Ion Ratio Lower Upper

93 100

66 99.8 52.9 79.3#

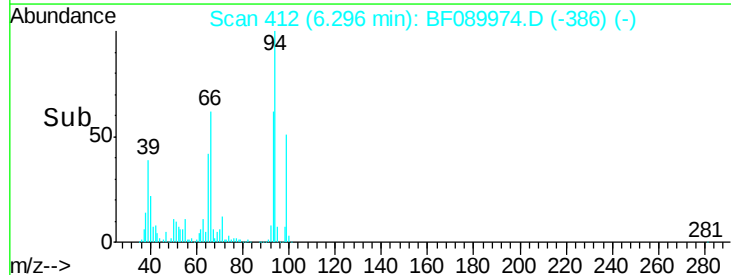
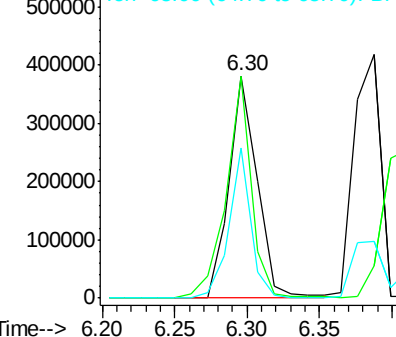
65 67.9 33.0 49.6#

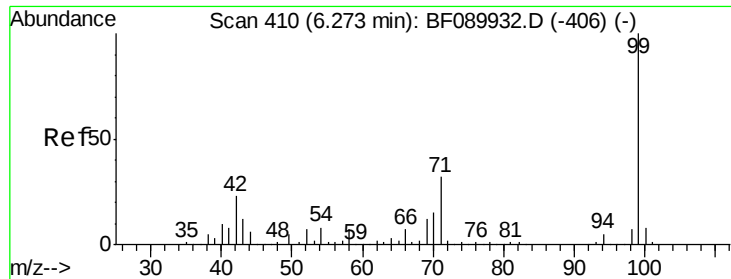


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 111.28 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

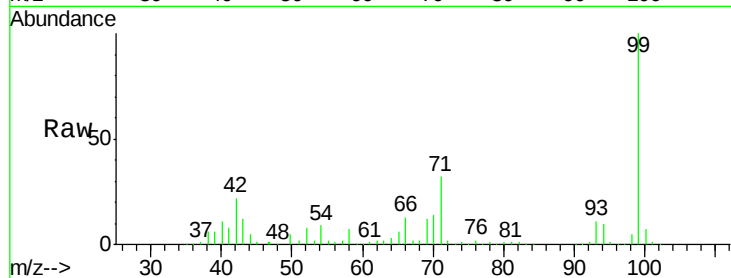
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1629192

Ion	Ratio	Lower	Upper
99	100		
42	22.4	18.6	27.8
71	32.3	25.8	38.6

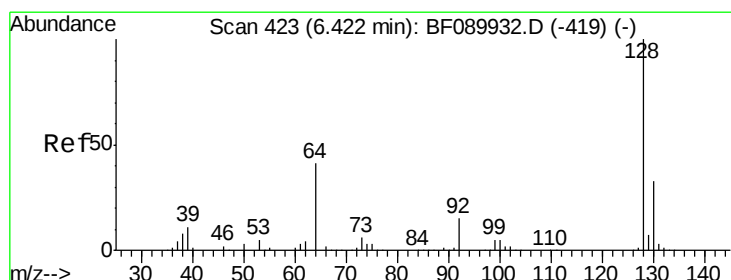
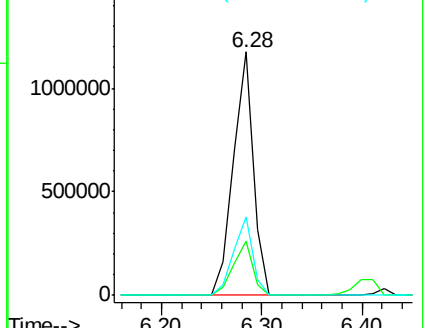
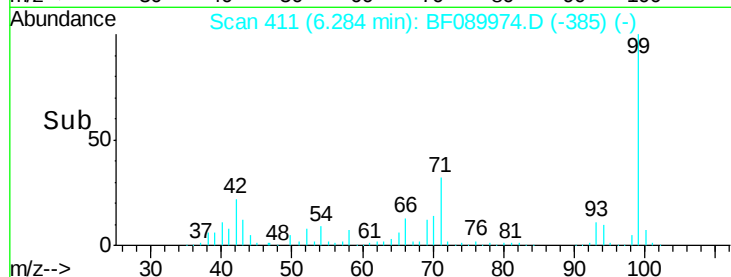


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.04 ng

RT: 6.42 min Scan# 423

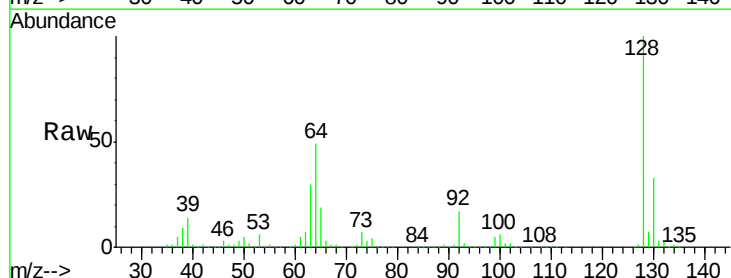
Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Tgt Ion: 128 Resp: 536437

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.8	52.8
64	49.0	23.2	63.2

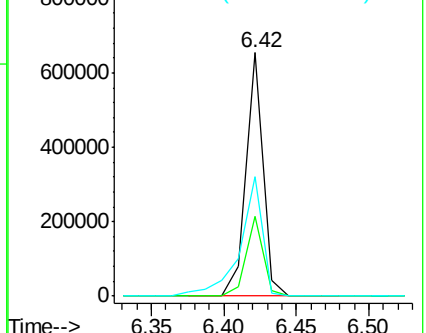
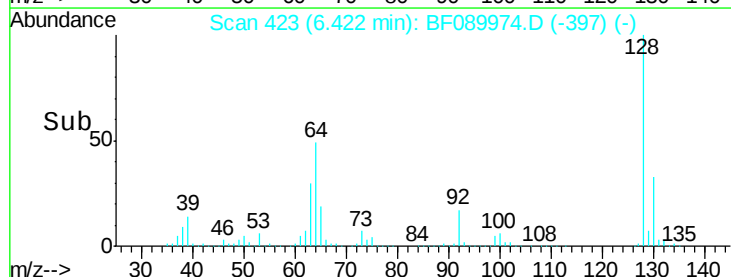


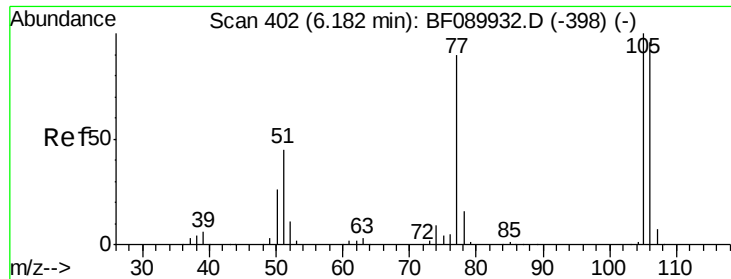
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.82 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

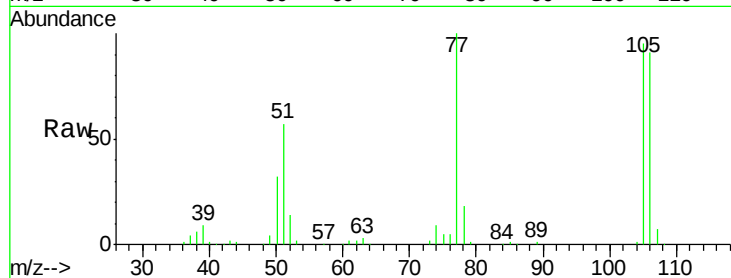
Tot Ion: 77 Resp: 92771

Ion Ratio Lower Upper

77 100

105 95.2 85.4 125.4

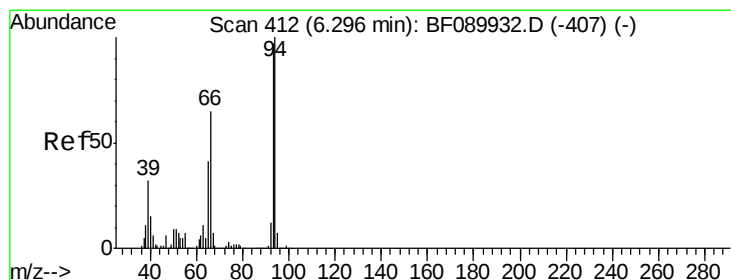
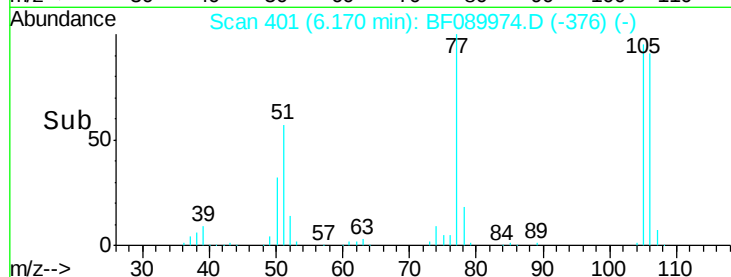
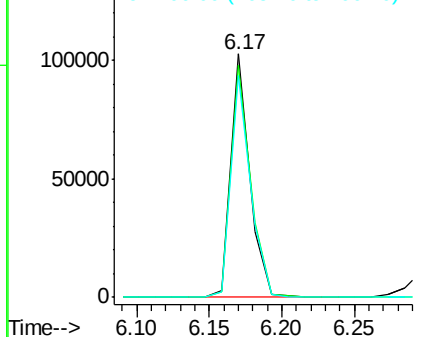
106 91.2 83.4 123.4



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 33.16 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

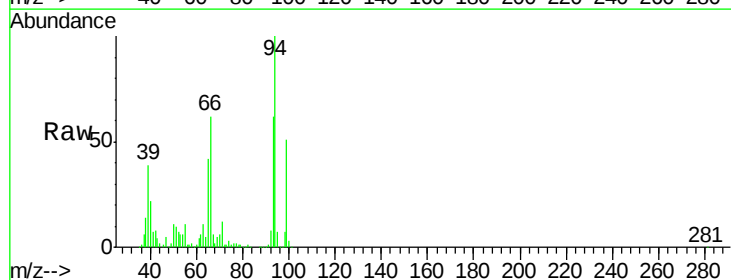
Tgt Ion: 94 Resp: 564553

Ion Ratio Lower Upper

94 100

65 41.9 23.2 63.2

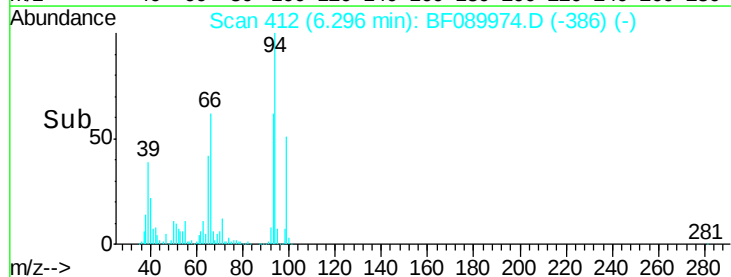
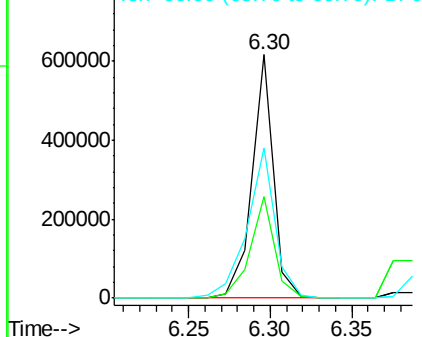
66 61.6 49.2 89.2

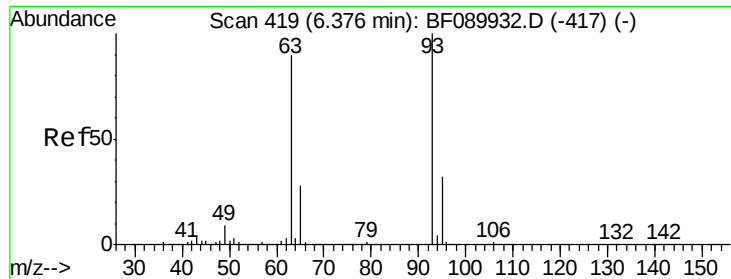


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

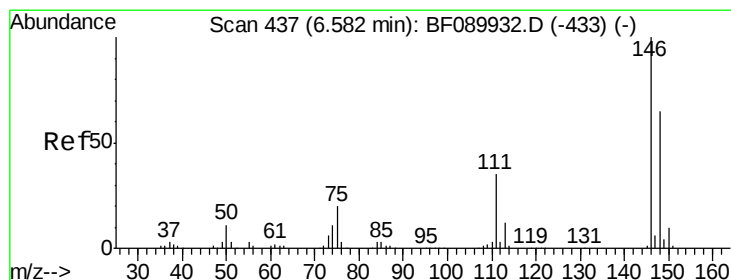
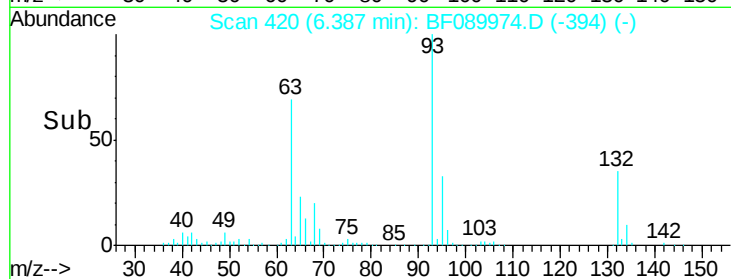
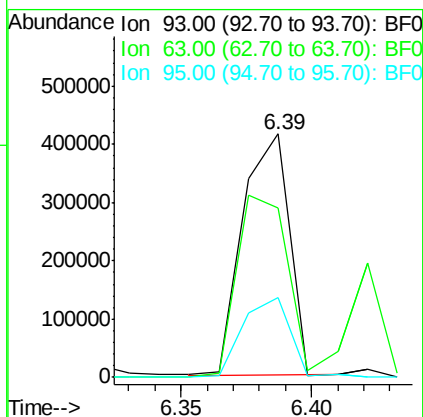
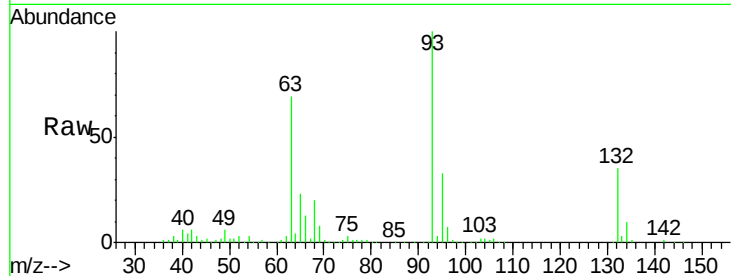




#11
bis(2-Chloroethyl)ether
Concen: 40.26 ng
RT: 6.39 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

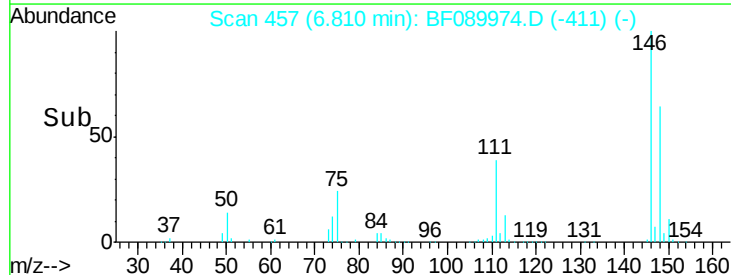
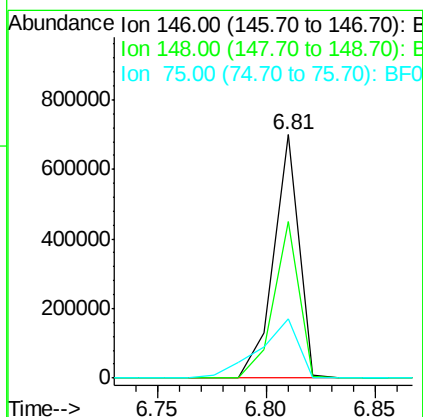
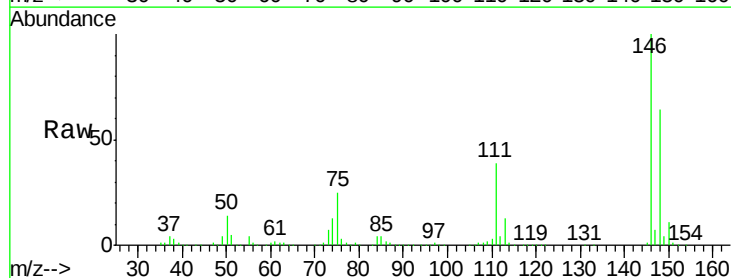
Instrument :
BNA_F
ClientSampled :

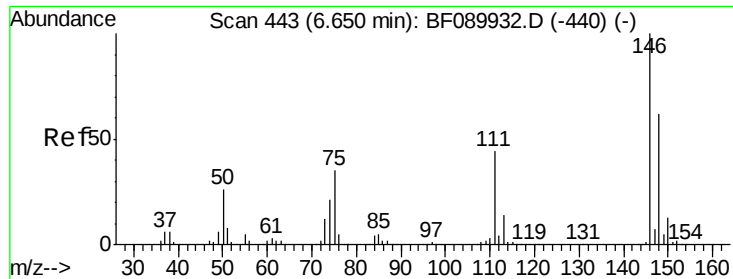
Tot Ion: 93 Resp: 518697
Ion Ratio Lower Upper
93 100
63 69.3 71.1 111.1#
95 33.0 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 39.48 ng
RT: 6.81 min Scan# 457
Delta R.T. 0.23 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Tgt Ion: 146 Resp: 576435
Ion Ratio Lower Upper
146 100
148 64.2 52.5 78.7
75 24.6 16.6 24.8

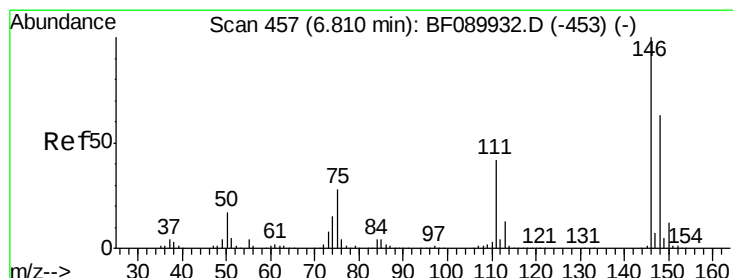
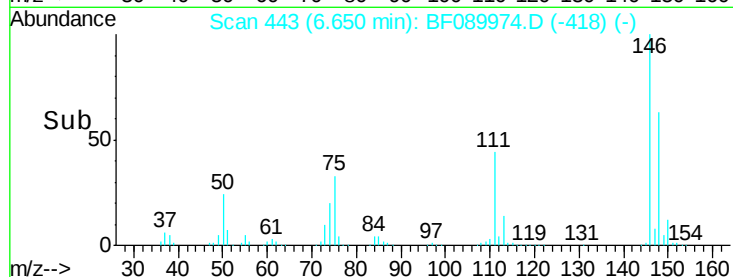
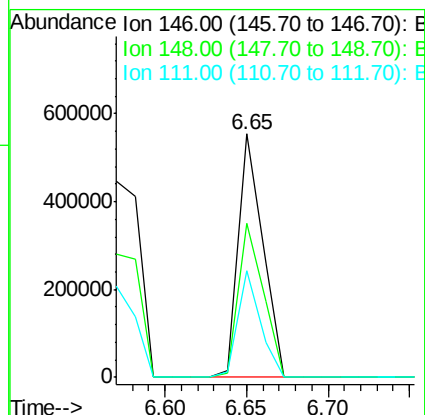
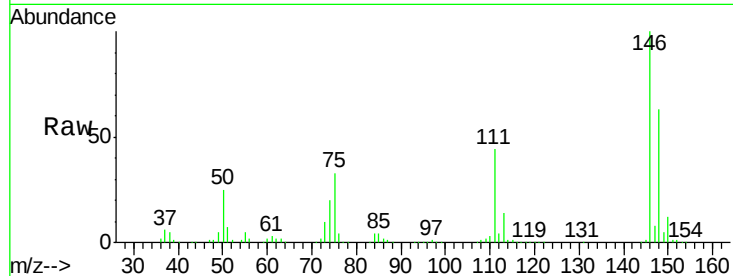




#13
1,4-Dichlorobenzene
Concen: 38.26 ng
RT: 6.65 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

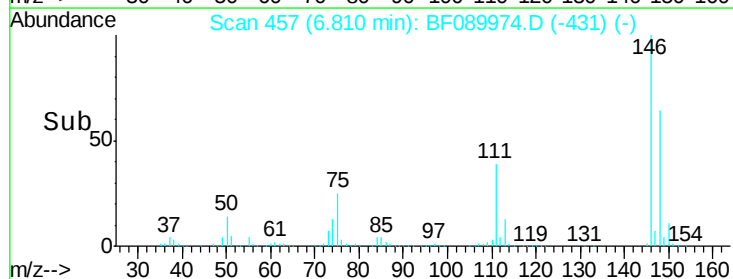
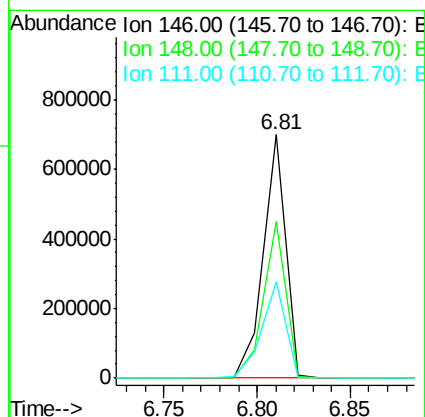
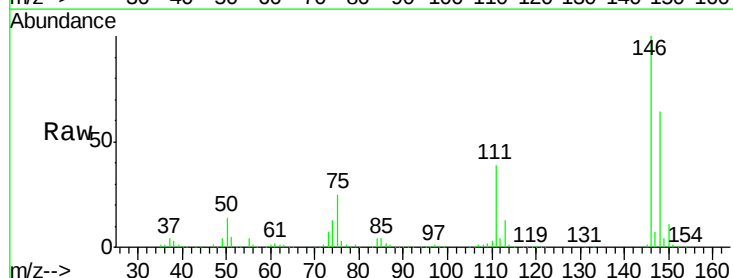
Instrument :
BNA_F
ClientSampleId :

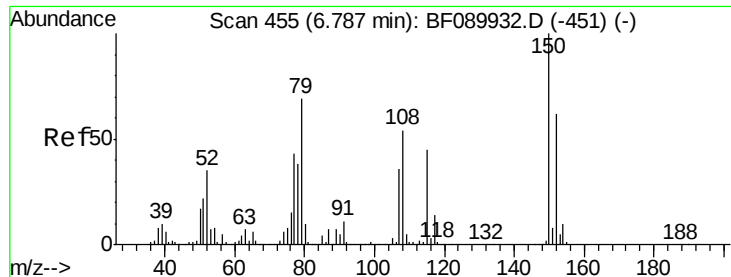
Tot Ion:146 Resp: 571582
Ion Ratio Lower Upper
146 100
148 63.0 50.1 75.1
111 44.0 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 43.05 ng
RT: 6.81 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Tgt Ion:146 Resp: 576455
Ion Ratio Lower Upper
146 100
148 64.2 51.4 77.2
111 39.4 34.6 51.8





#15

Benzyl Alcohol

Concen: 42.89 ng

RT: 6.79 min Scan# 455

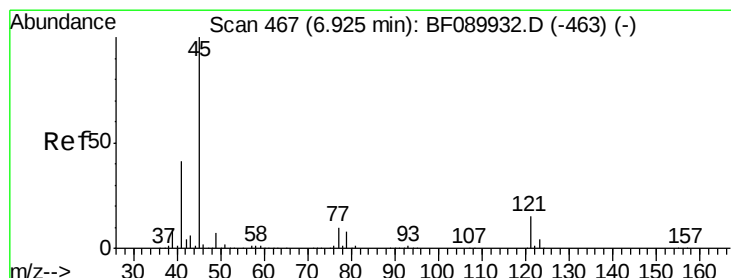
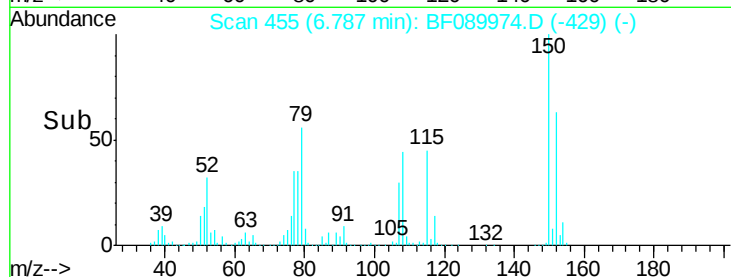
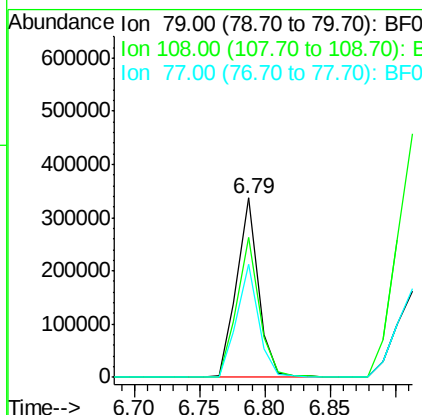
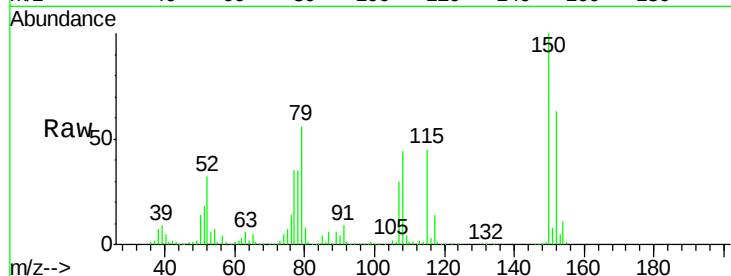
Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:	79	Resp:	393360
Ion	Ratio	Lower	Upper
79	100		
108	78.2	62.1	93.1
77	63.2	50.1	75.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.46 ng

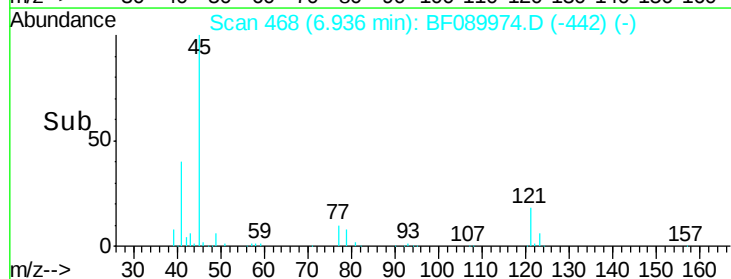
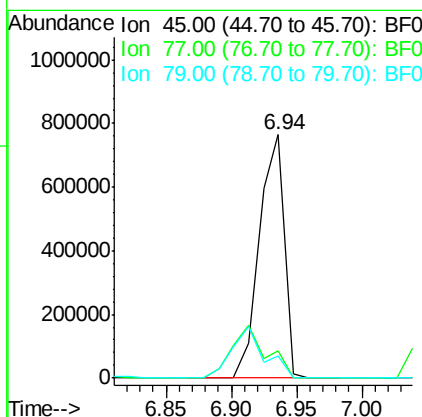
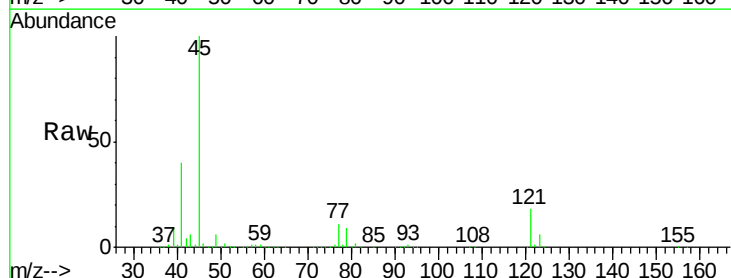
RT: 6.94 min Scan# 468

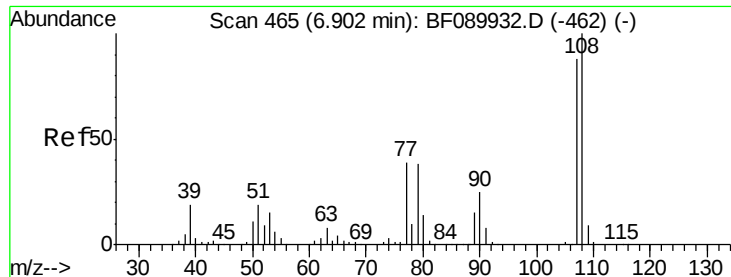
Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Tgt Ion:	45	Resp:	1018370
Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	30.3
79	9.0	0.0	27.5





#17

2-Methylphenol

Concen: 45.28 ng

RT: 6.91 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 472672

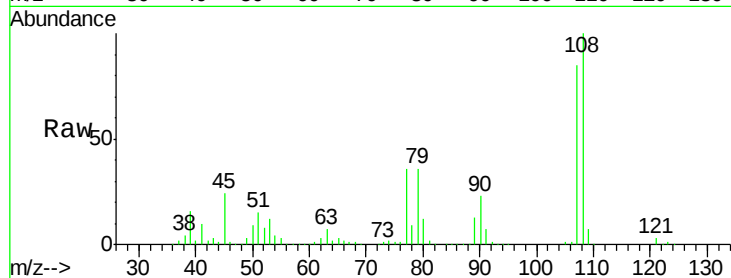
Ion Ratio Lower Upper

107 100

108 117.1 91.8 137.6

77 42.7 36.0 54.0

79 41.7 35.9 53.9

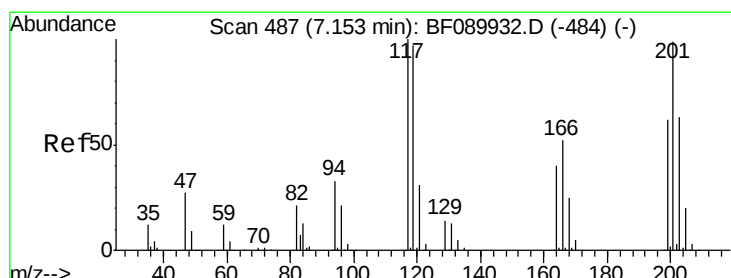
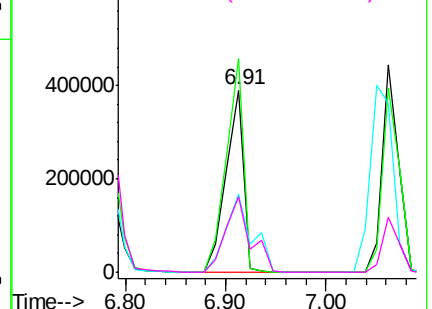
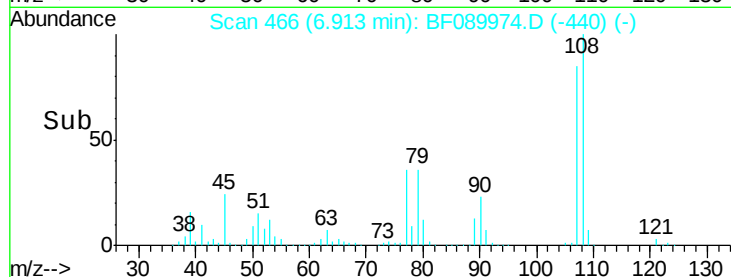


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.45 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

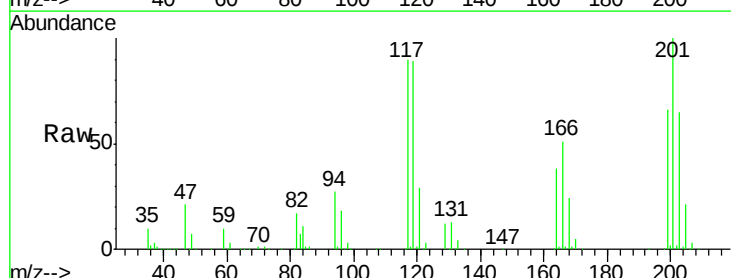
Tgt Ion:117 Resp: 212072

Ion Ratio Lower Upper

117 100

119 97.9 76.2 114.2

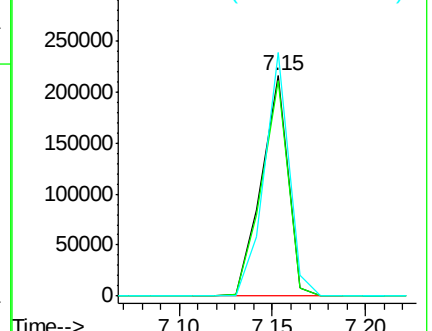
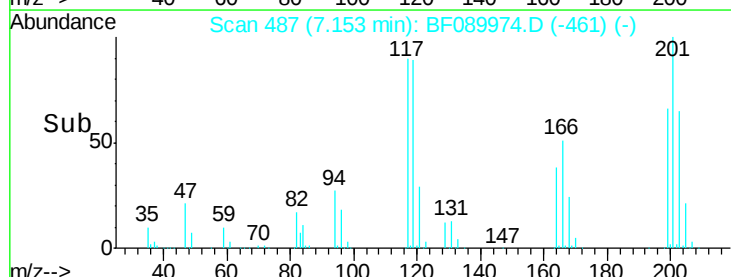
201 110.6 80.2 120.2

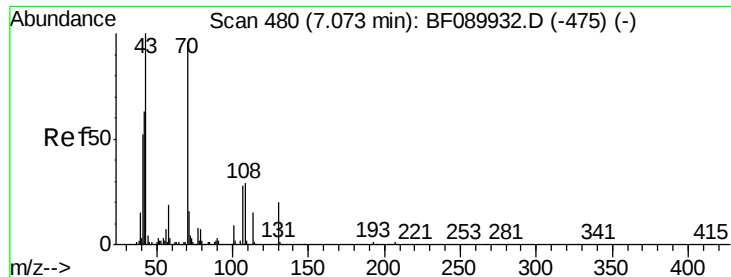


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

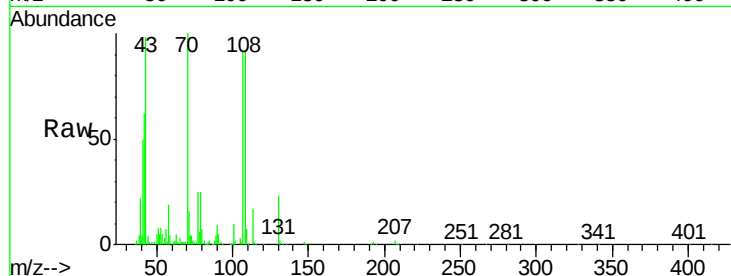




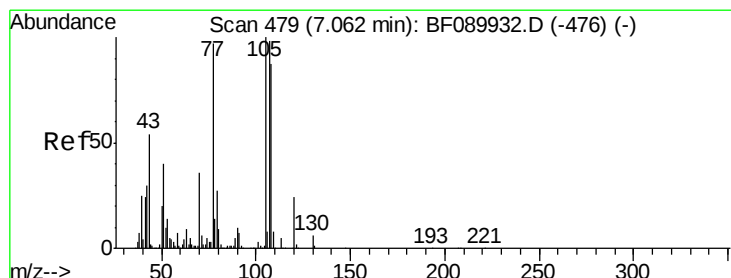
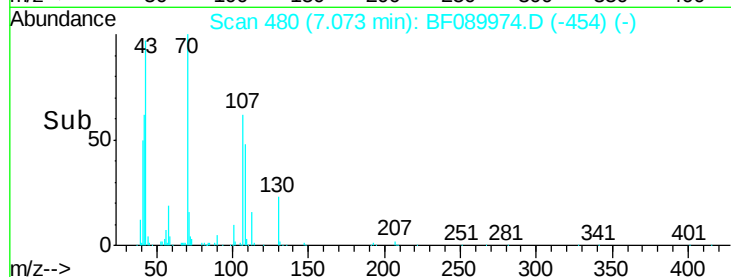
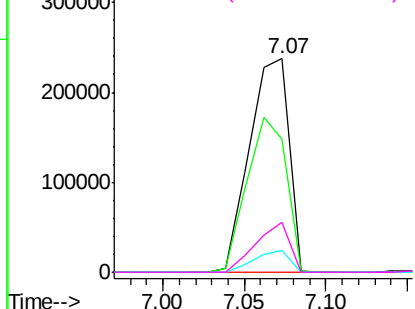
#19
n-Nitroso-di-n-propylamine
Concen: 41.87 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.4	52.1	78.1
101	10.0	7.4	11.2
130	23.3	17.0	25.4

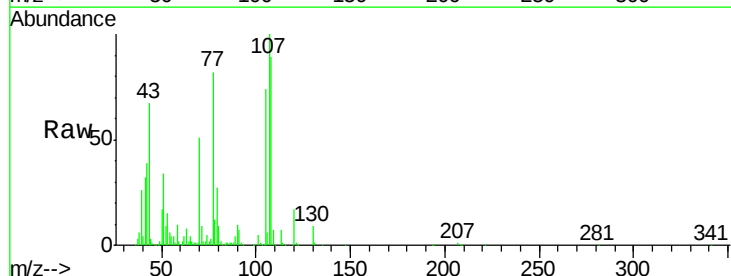


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

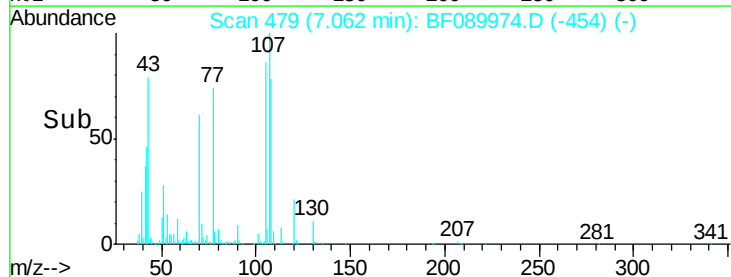
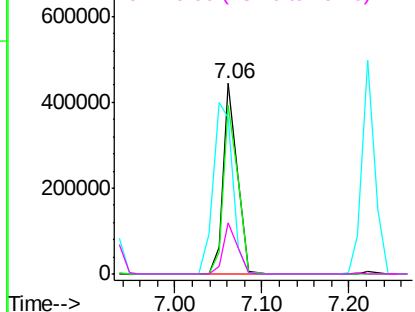


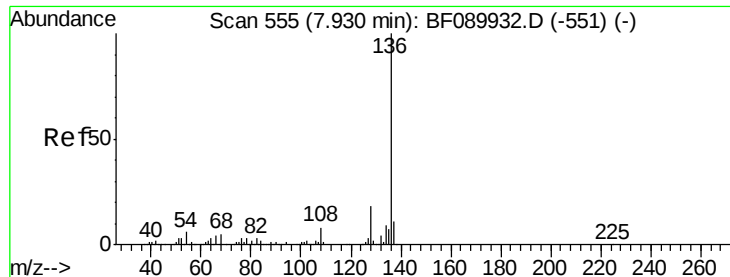
#20
3+4-Methylphenols
Concen: 39.59 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.01 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.8	70.2	110.2
77	81.7	75.7	115.7
79	26.6	7.0	47.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

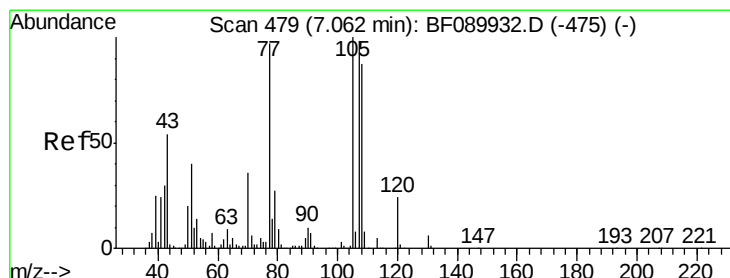
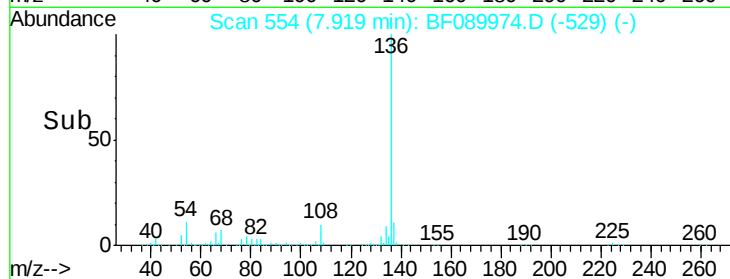
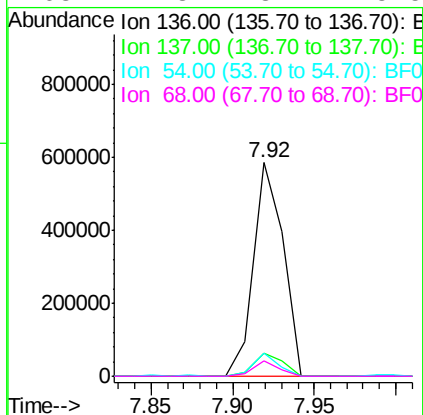
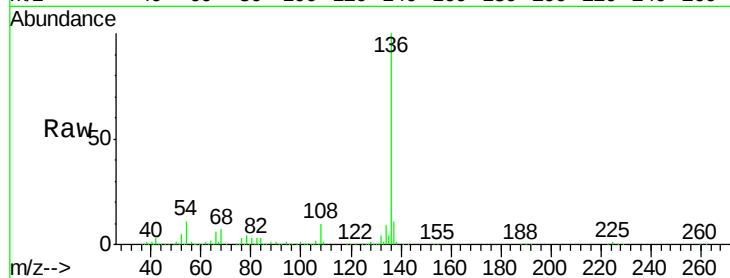




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

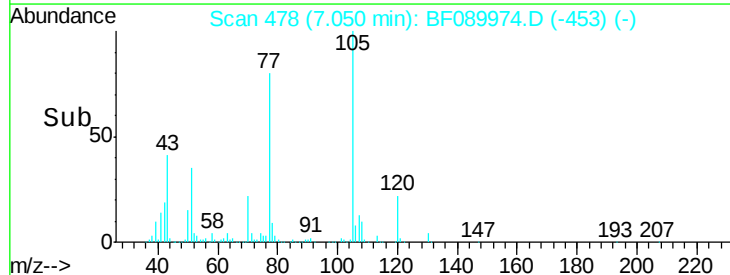
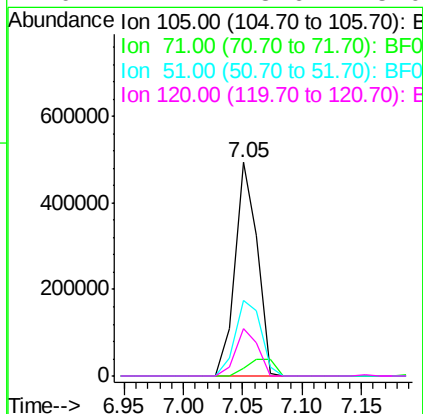
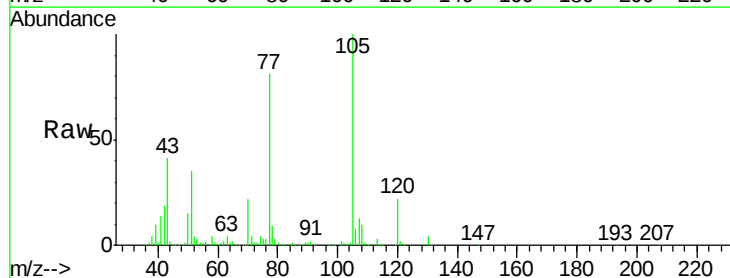
Instrument :
BNA_F
ClientSampleId :

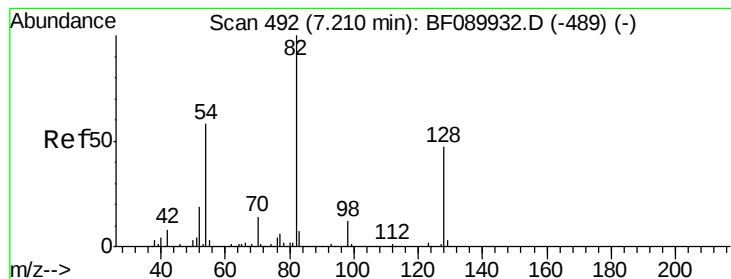
Tot Ion:136	Resp:	739347
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.3 12.5
54	11.0	4.8 7.2#
68	7.3	3.7 5.5#



#22
Acetophenone
Concen: 38.76 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Tgt Ion:105	Resp:	642899
Ion Ratio	Lower	Upper
105	100	
71	3.8	5.3 7.9#
51	35.5	32.6 48.8
120	22.4	18.6 28.0





#23

Nitrobenzene-d5

Concen: 88.89 ng

RT: 7.21 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

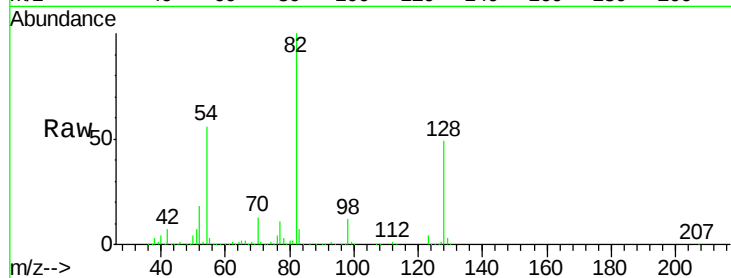
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 82 Resp: 1133217

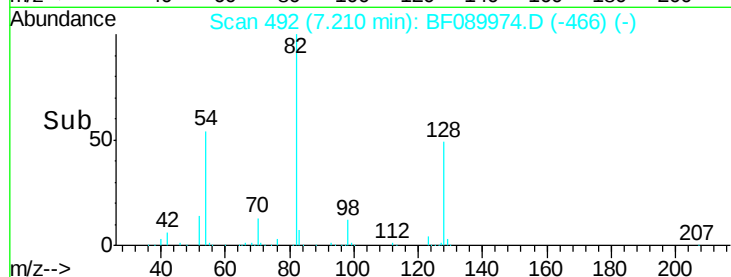
Ion	Ratio	Lower	Upper
82	100		
128	48.8	37.8	56.8
54	56.3	46.9	70.3



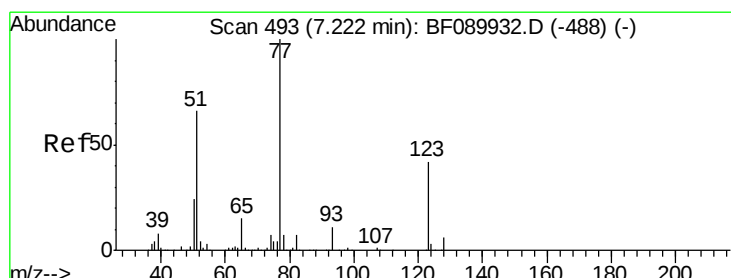
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#24

Nitrobenzene

Concen: 37.39 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

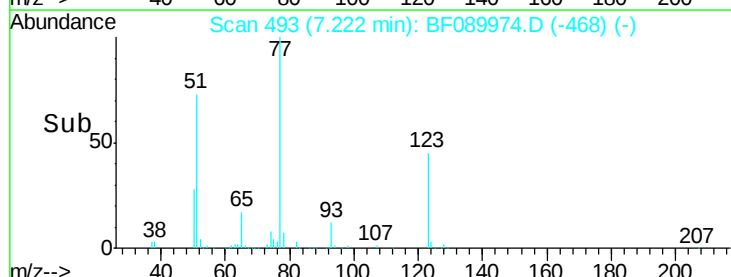
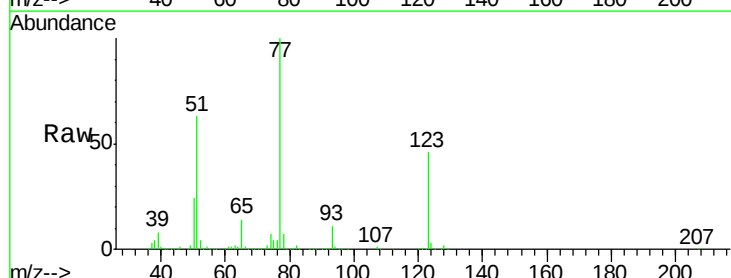
Tgt Ion: 77 Resp: 506717

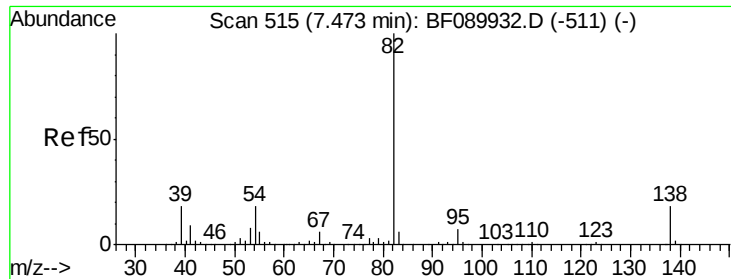
Ion	Ratio	Lower	Upper
77	100		
123	45.8	32.0	48.0
65	14.5	11.2	16.8

Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

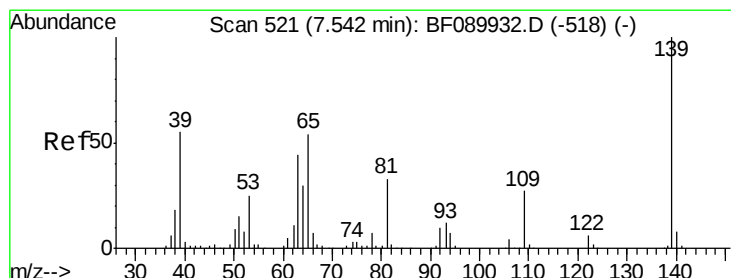
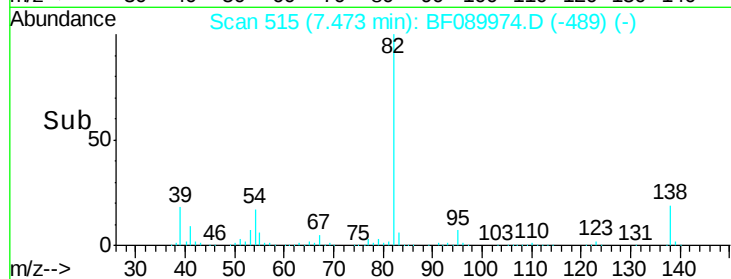
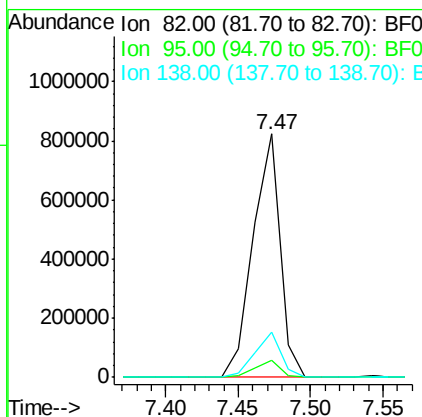
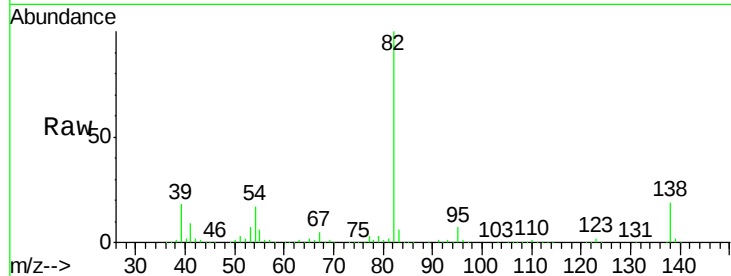




#25
Isophorone
Concen: 41.17 ng
RT: 7.47 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

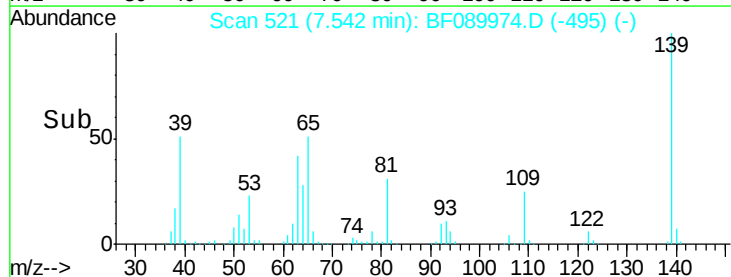
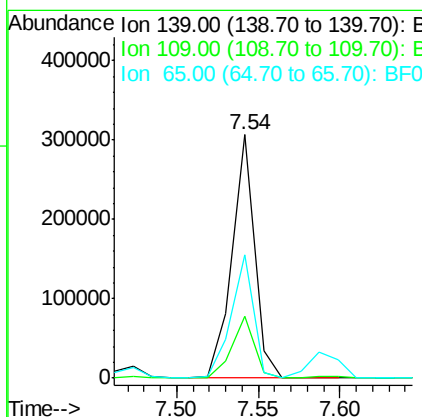
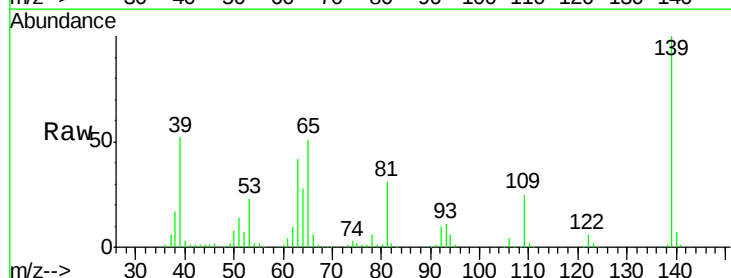
Instrument :
BNA_F
ClientSampleId :

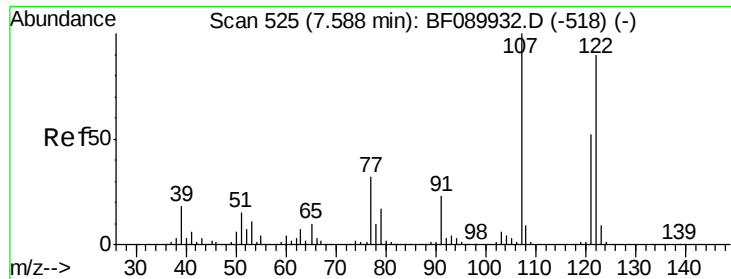
Tot Ion: 82 Resp: 1067228
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 18.6 14.4 21.6



#26
2-Nitrophenol
Concen: 44.96 ng
RT: 7.54 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Tgt Ion: 139 Resp: 291261
Ion Ratio Lower Upper
139 100
109 25.3 21.0 31.4
65 50.9 43.4 65.0





#27

2,4-Dimethylphenol

Concen: 43.72 ng

RT: 7.60 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Instrument :

BNA_F

ClientSampled :

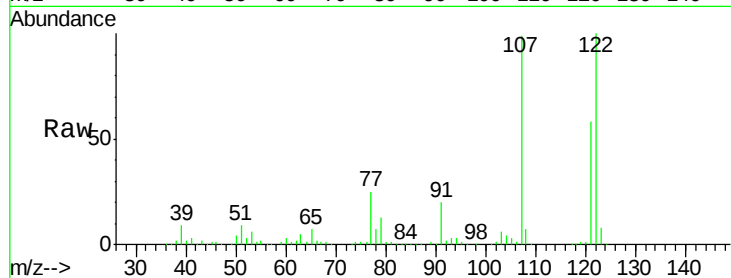
Tot Ion:122 Resp: 523978

Ion Ratio Lower Upper

122 100

107 99.3 88.5 132.7

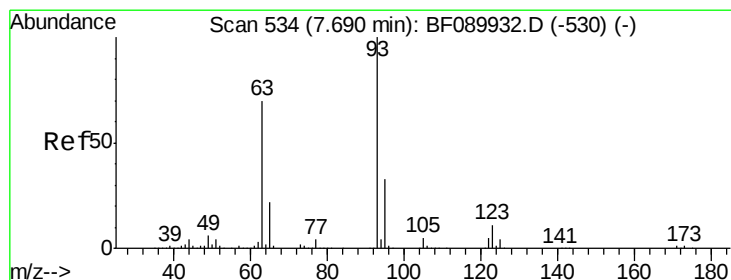
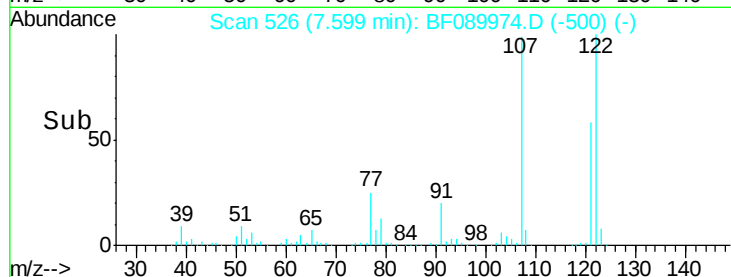
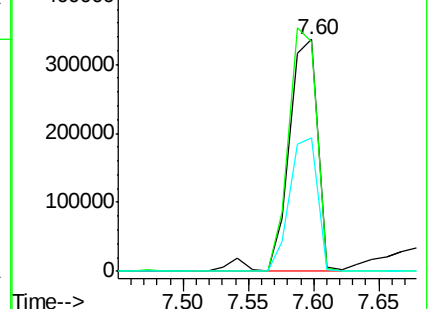
121 57.7 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.63 ng

RT: 7.69 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

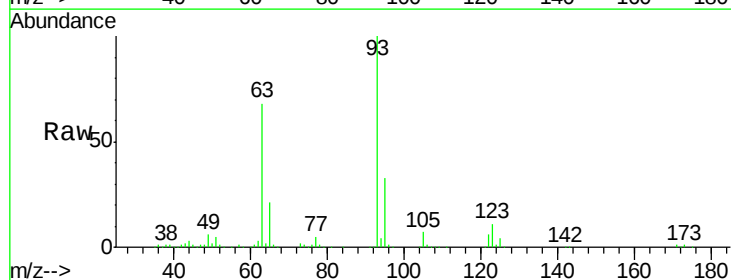
Tgt Ion: 93 Resp: 713492

Ion Ratio Lower Upper

93 100

95 32.7 26.6 40.0

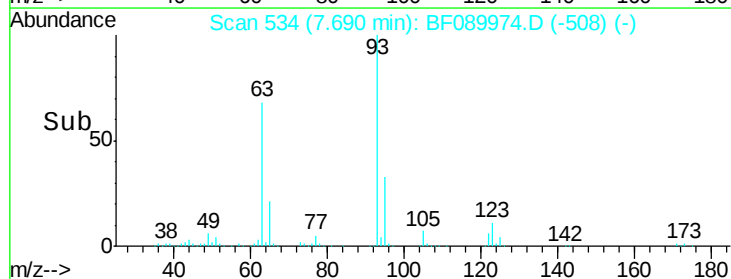
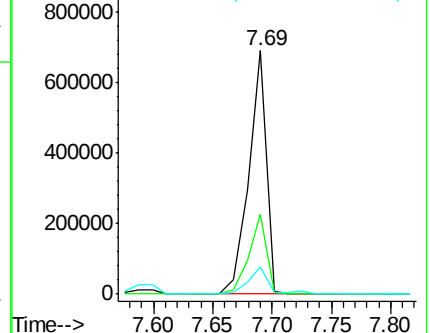
123 11.4 9.1 13.7

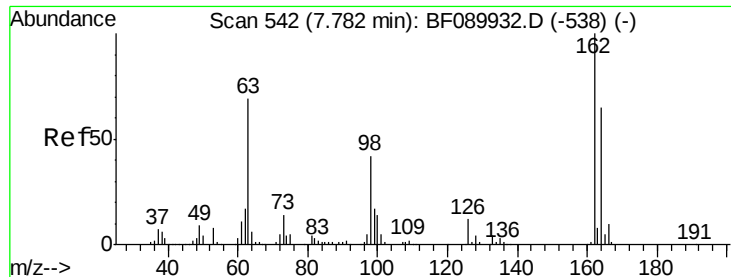


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

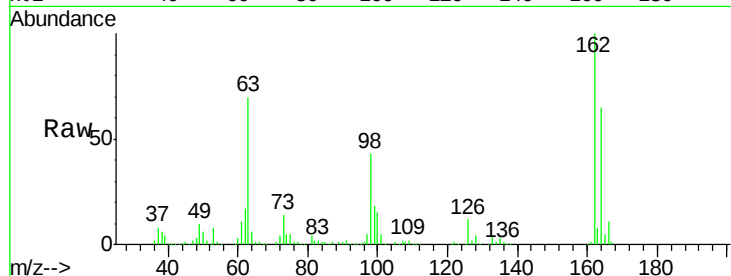




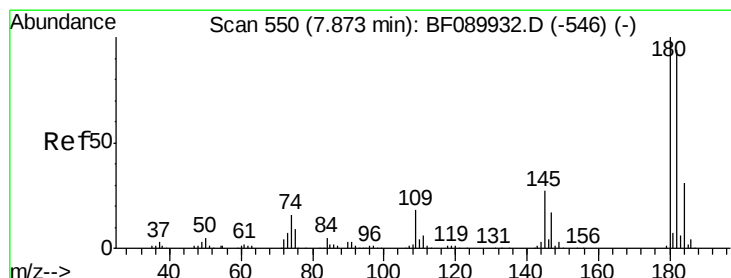
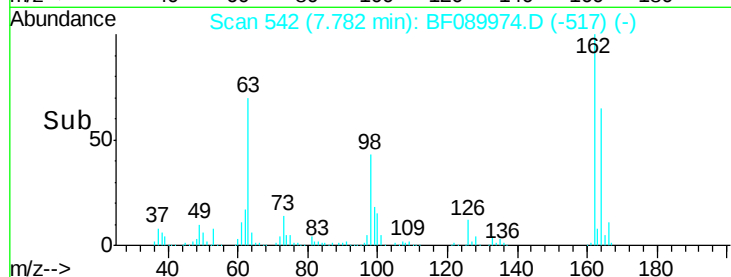
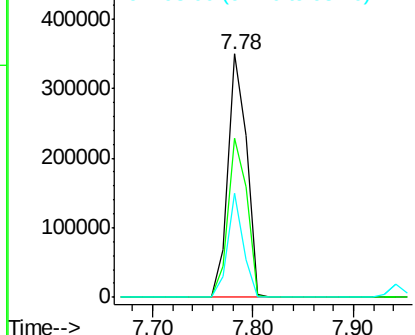
#29
 2,4-Dichlorophenol
 Concen: 42.00 ng
 RT: 7.78 min Scan# 542
 Delta R.T. -0.01 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	46.6	86.6
98	42.8	22.0	62.0

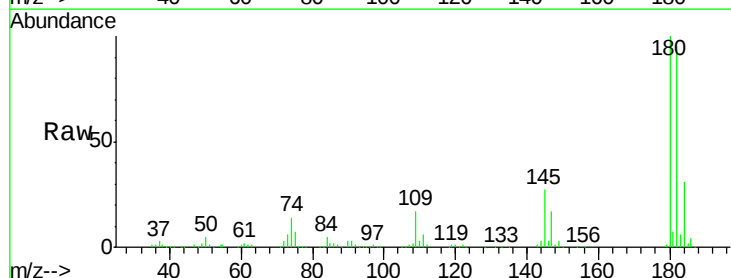


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

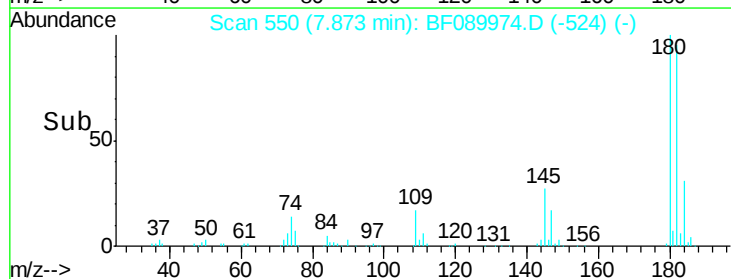
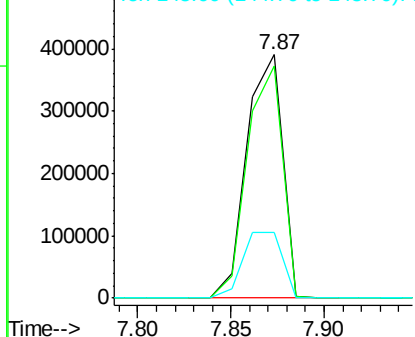


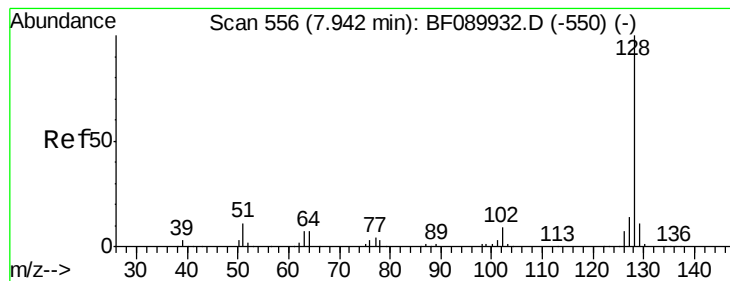
#30
 1,2,4-Trichlorobenzene
 Concen: 44.14 ng
 RT: 7.87 min Scan# 550
 Delta R.T. 0.00 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.2	114.2
145	27.1	22.2	33.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.40 ng

RT: 7.94 min Scan# 556

Delta R.T. -0.01 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Instrument :

BNA_F

ClientSampleId :

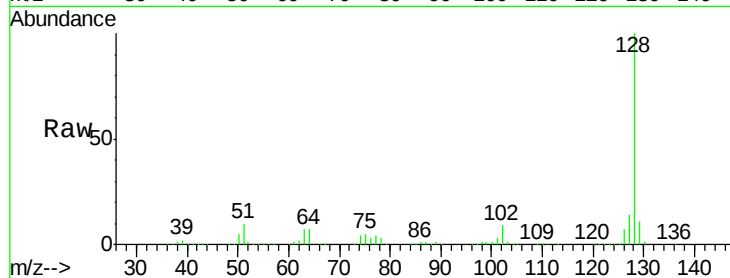
Tot Ion:128 Resp: 1451285

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.0

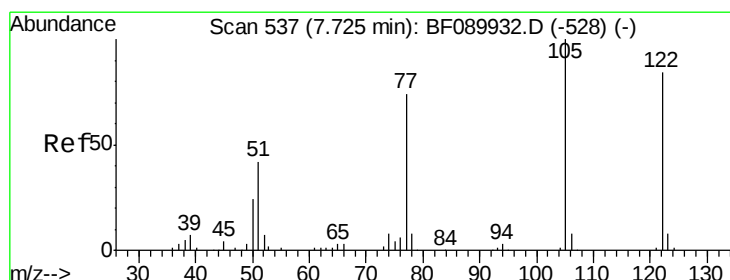
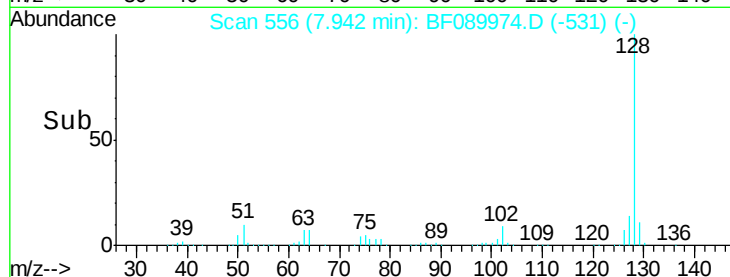
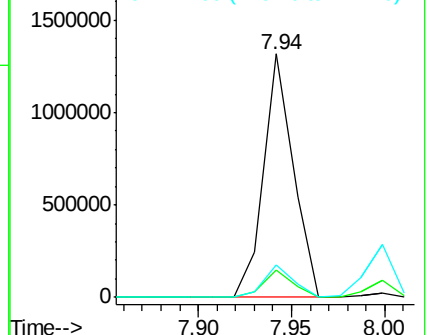
127 13.6 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.55 ng

RT: 7.72 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

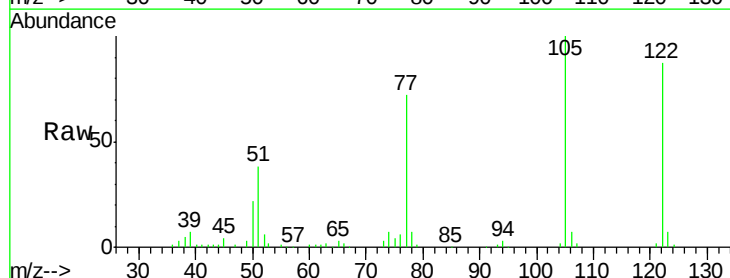
Tgt Ion:122 Resp: 270868

Ion Ratio Lower Upper

122 100

105 115.5 102.2 142.2

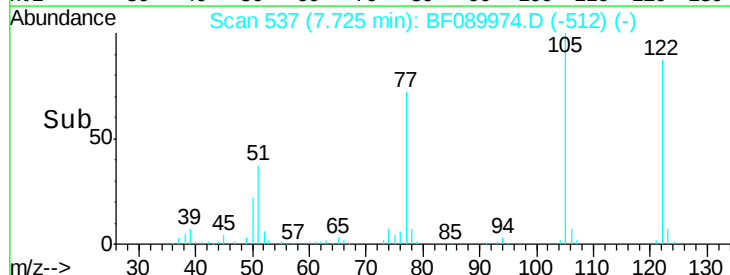
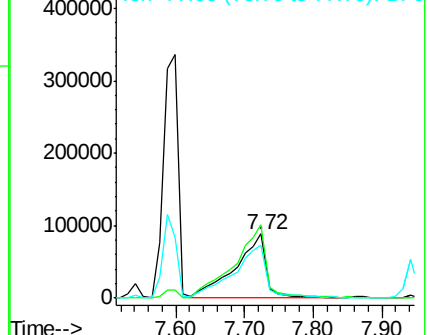
77 83.7 74.1 114.1

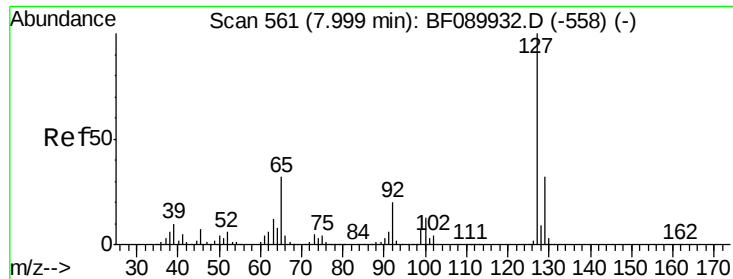


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

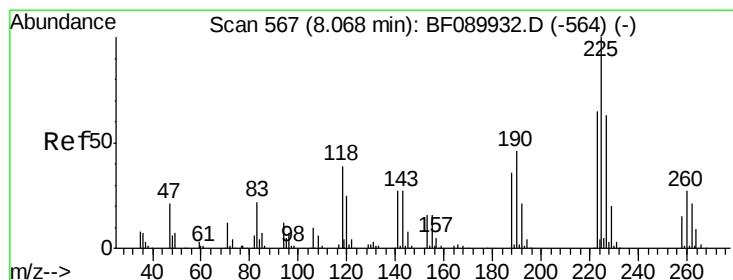
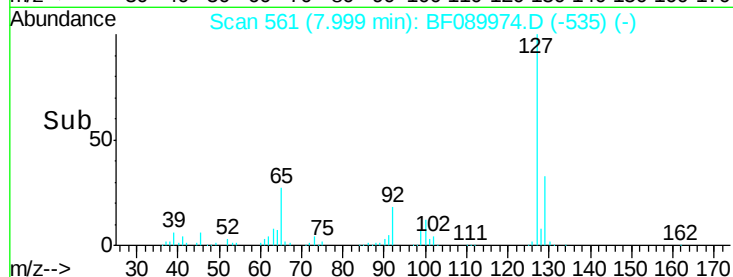
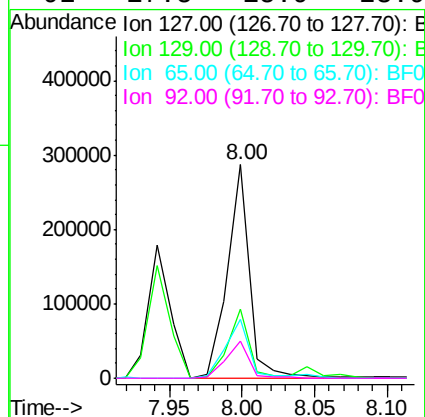
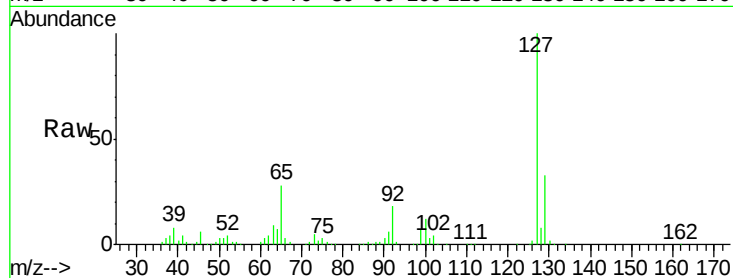




#33
4-Chloroaniline
Concen: 20.46 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

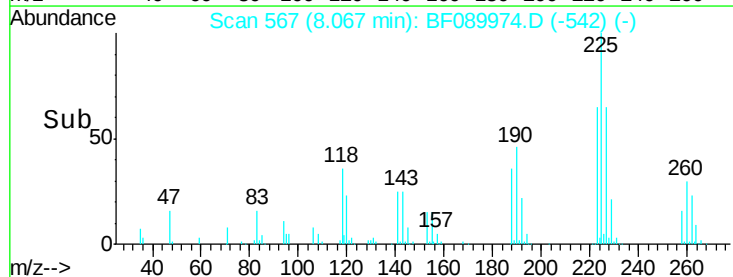
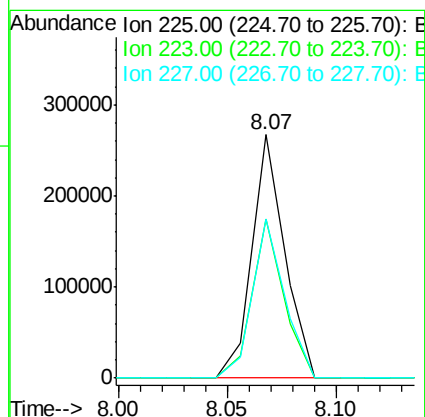
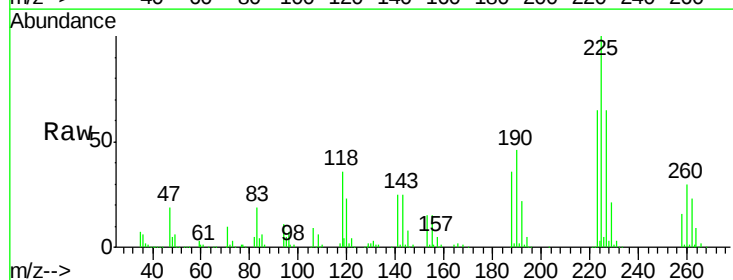
Instrument :
BNA_F
ClientSampled :

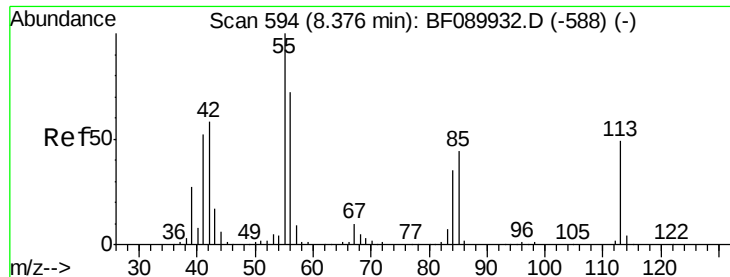
Tot Ion:	127	Resp:	304005
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	27.7	26.0	39.0
92	17.5	15.9	23.9



#34
Hexachlorobutadiene
Concen: 40.54 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Tgt Ion:	225	Resp:	279030
Ion	Ratio	Lower	Upper
225	100		
223	65.4	52.6	78.8
227	65.2	50.8	76.2

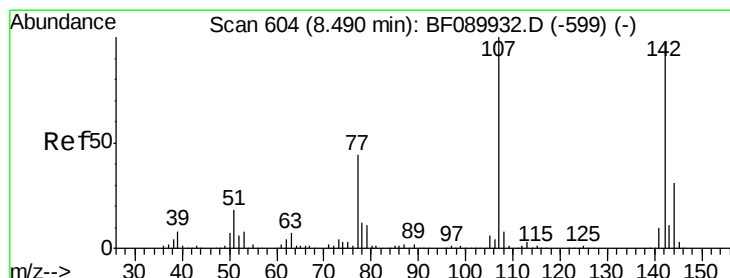
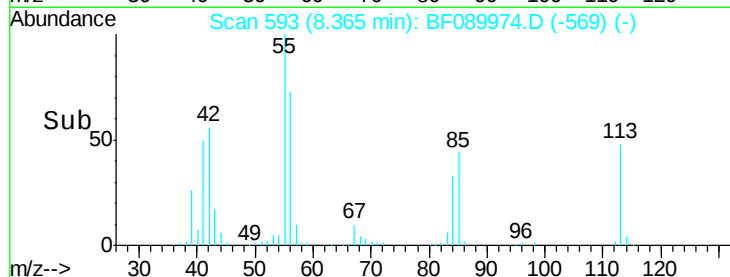
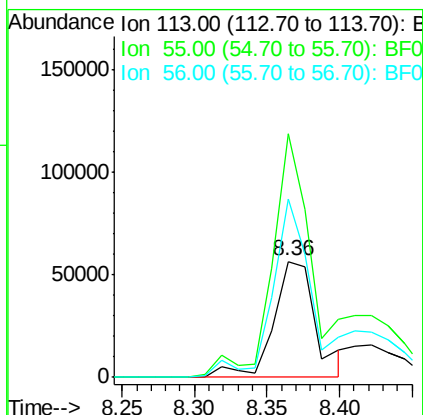
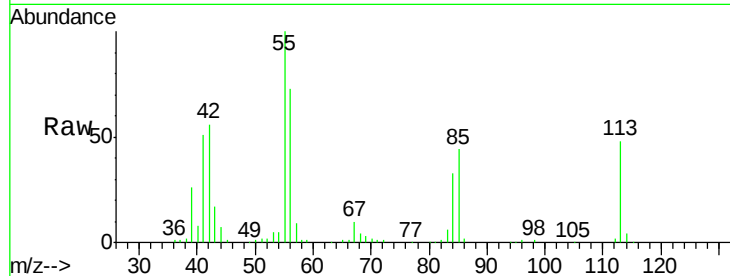




#35
 Caprolactam
 Concen: 33.58 ng
 RT: 8.36 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51

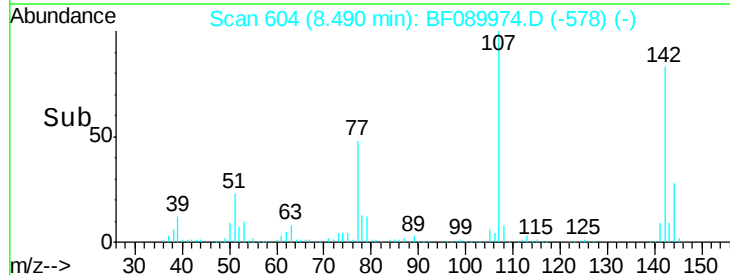
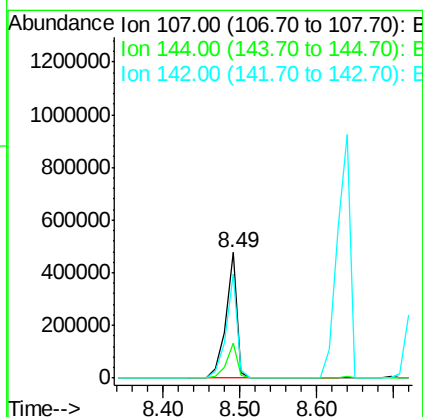
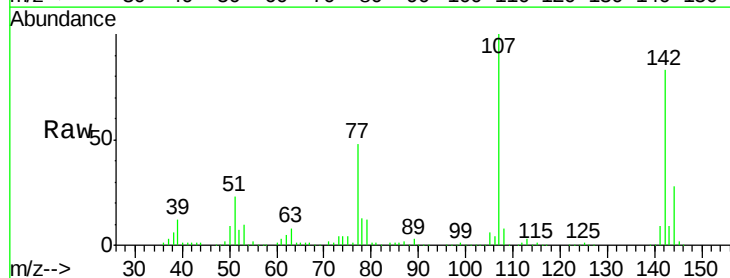
Instrument :
 BNA_F
 ClientSampled :

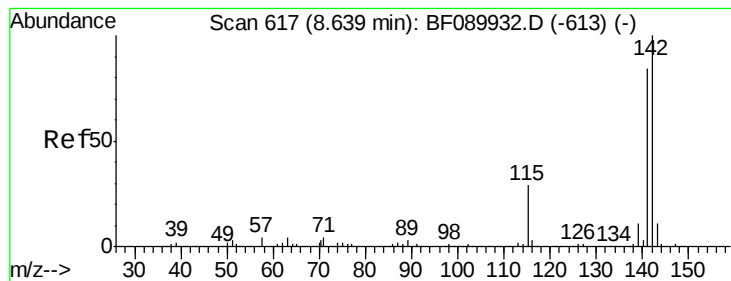
Tot Ion:113 Resp: 113880
 Ion Ratio Lower Upper
 113 100
 55 209.8 178.5 218.5
 56 153.2 122.7 162.7



#36
 4-Chloro-3-methylphenol
 Concen: 43.18 ng
 RT: 8.49 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51

Tgt Ion:107 Resp: 491296
 Ion Ratio Lower Upper
 107 100
 144 27.5 25.8 38.8
 142 83.2 79.2 118.8





#37

2-Methylnaphthalene

Concen: 45.53 ng

RT: 8.64 min Scan# 617

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Instrument :

BNA_F

ClientSampleId :

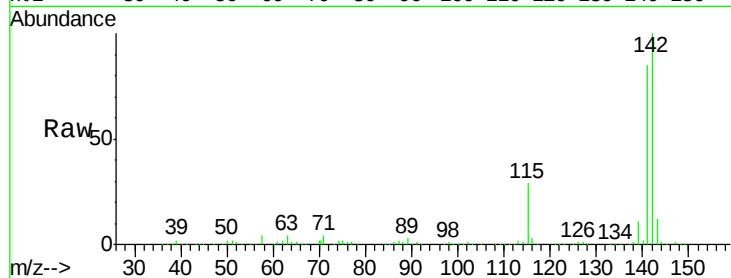
Tot Ion:142 Resp: 1108072

Ion Ratio Lower Upper

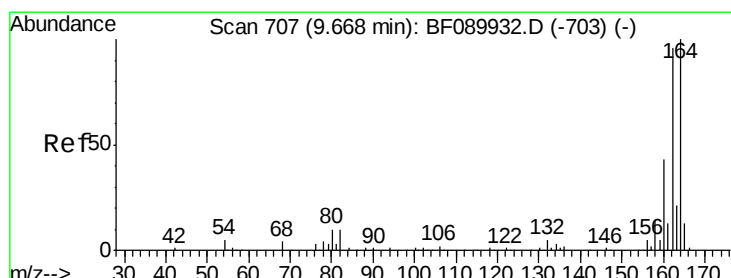
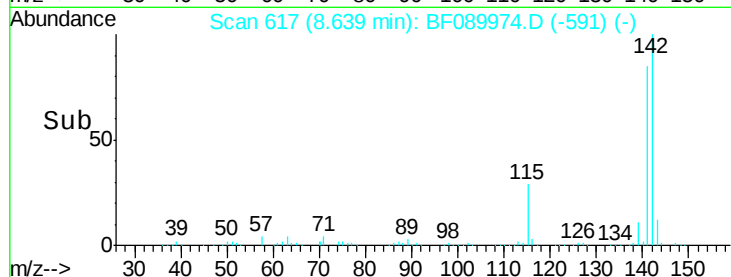
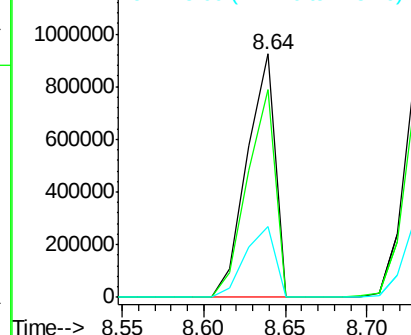
142 100

141 85.2 68.3 102.5

115 29.1 23.8 35.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

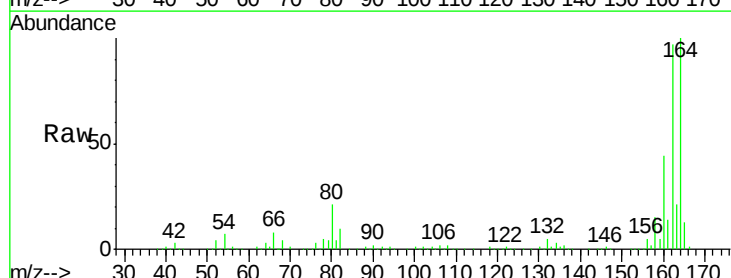
Tgt Ion:164 Resp: 373864

Ion Ratio Lower Upper

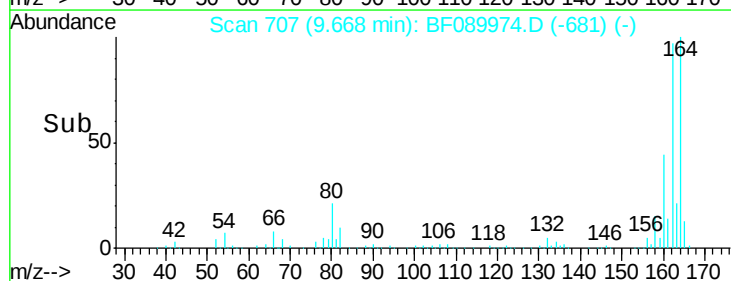
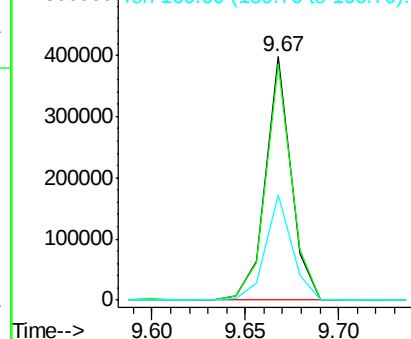
164 100

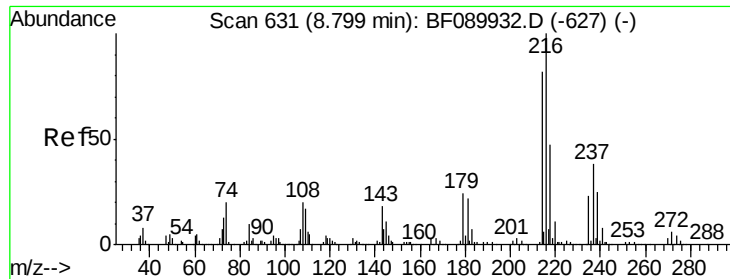
162 96.9 77.1 115.7

160 43.5 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

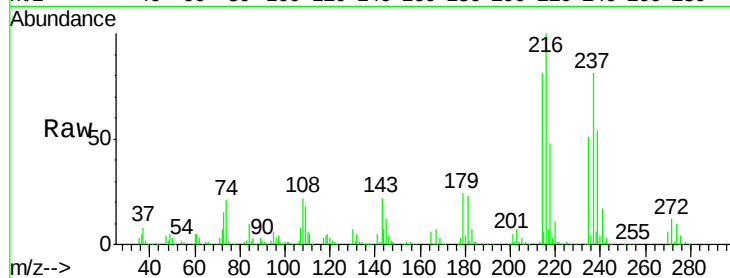




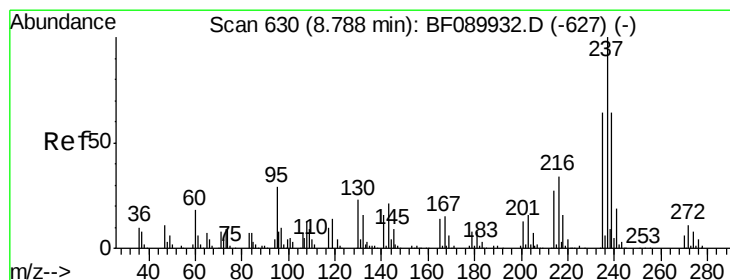
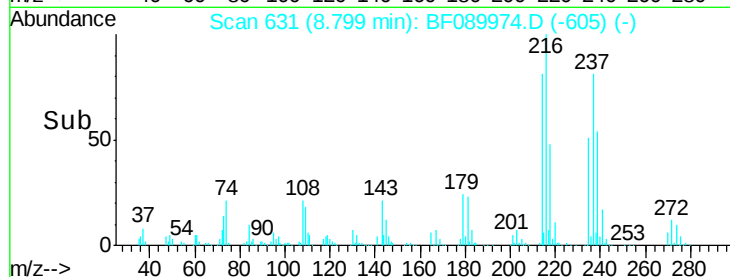
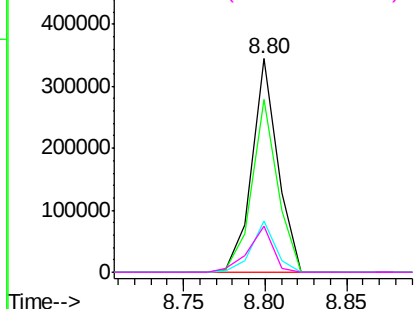
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.67 ng
 RT: 8.80 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	379727
Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.4	95.2
179	21.6	17.3	25.9
108	20.8	15.5	23.3

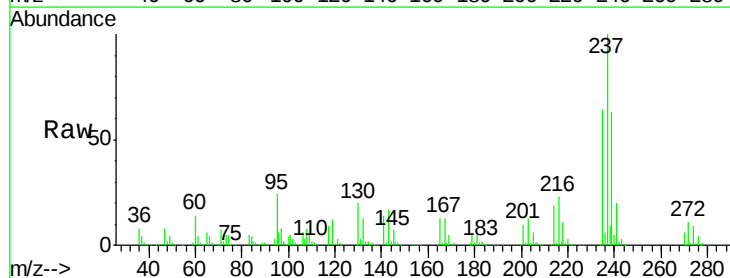


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

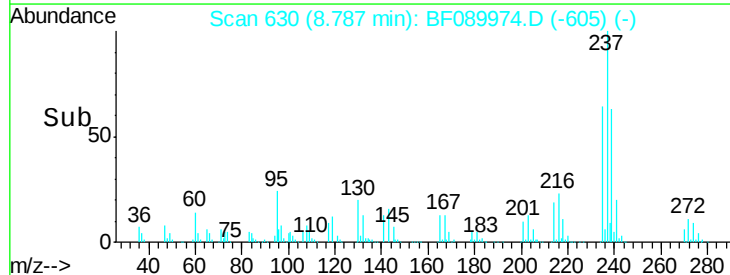
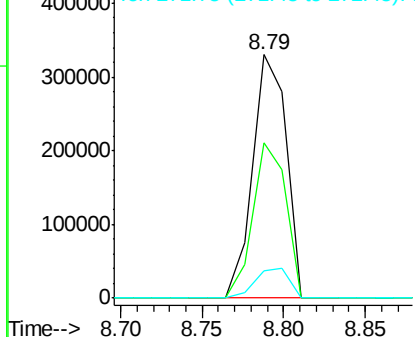


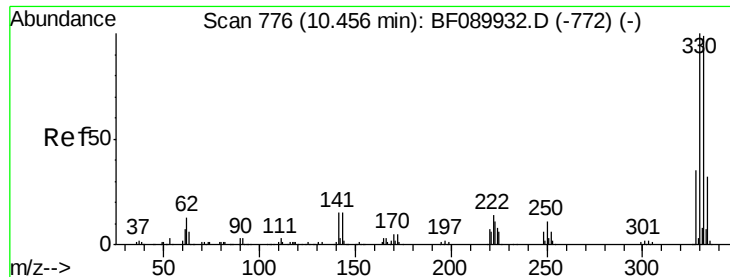
#40
 Hexachlorocyclopentadiene
 Concen: 83.81 ng
 RT: 8.79 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51

Tgt Ion:	237	Resp:	470630
Ion	Ratio	Lower	Upper
237	100		
235	63.7	39.6	79.6
272	11.4	0.0	34.6



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

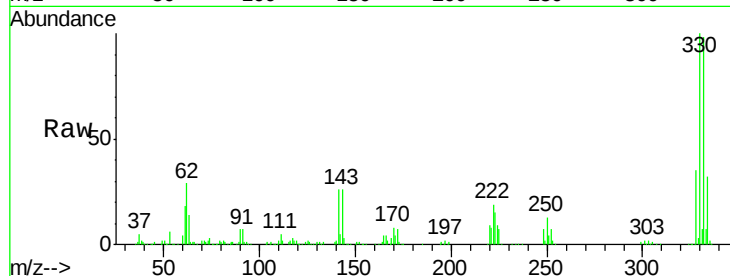




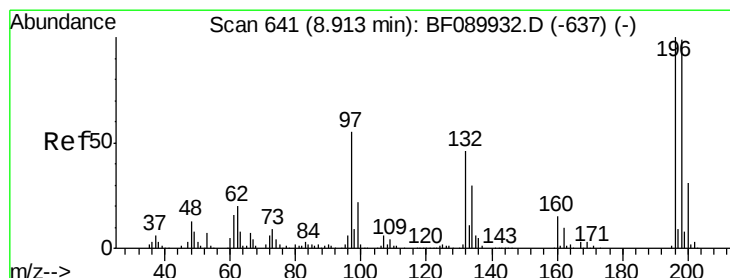
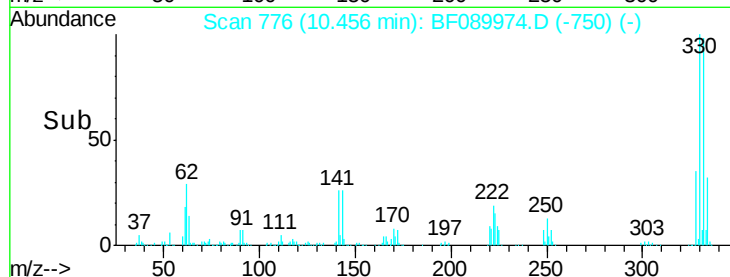
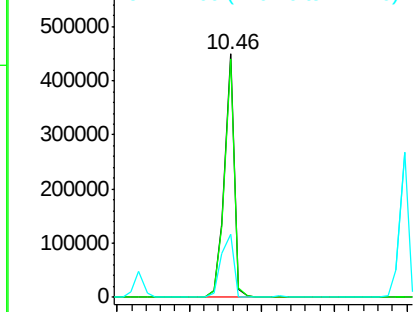
#41
 2,4,6-Tribromophenol
 Concen: 116.19 ng
 RT: 10.46 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 428564
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.6 117.8
 141 33.9 23.3 34.9

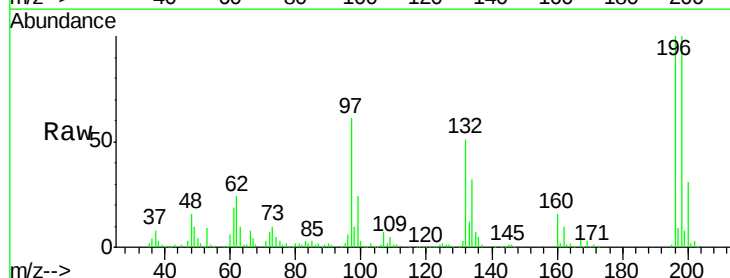


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

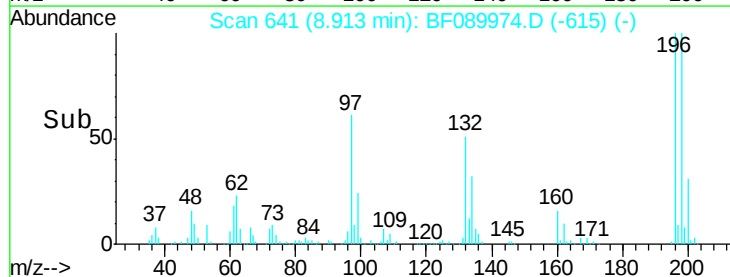
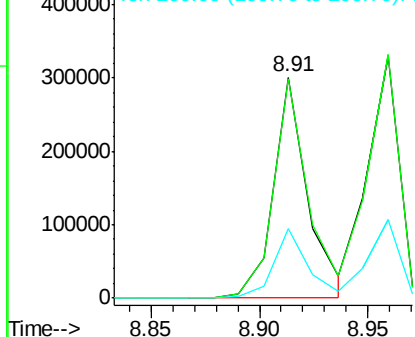


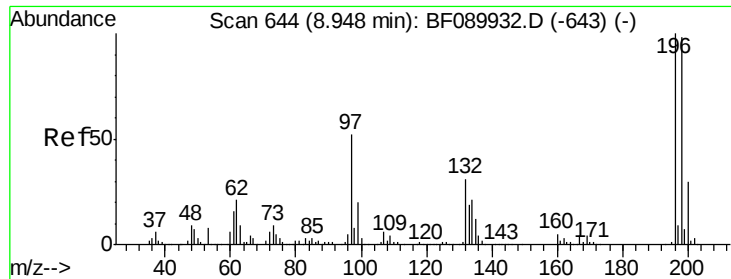
#42
 2,4,6-Trichlorophenol
 Concen: 43.86 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51

Tgt Ion:196 Resp: 332927
 Ion Ratio Lower Upper
 196 100
 198 99.6 78.3 117.5
 200 31.4 24.8 37.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

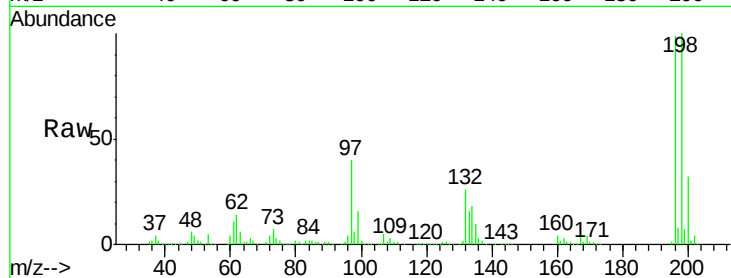




#43
 2,4,5-Trichlorophenol
 Concen: 46.06 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.00 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.6	80.8	121.2
97	40.0	44.2	66.4#
132	25.9	25.8	38.6



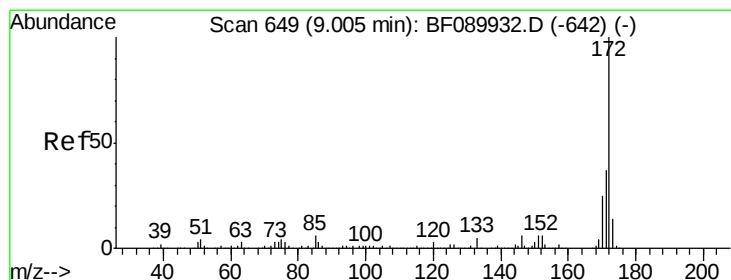
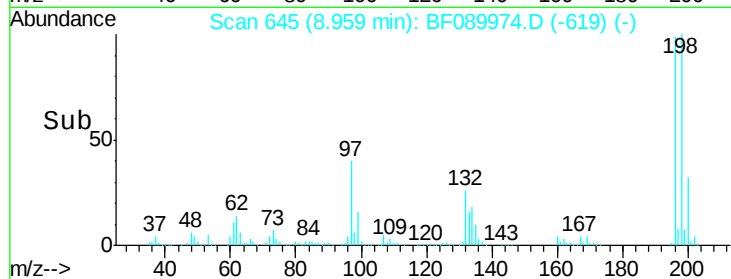
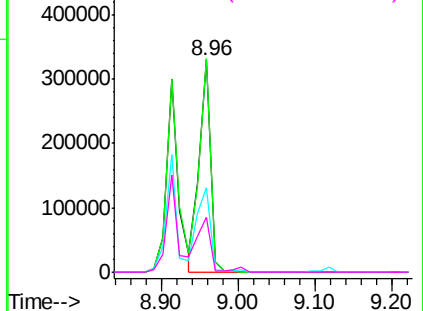
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

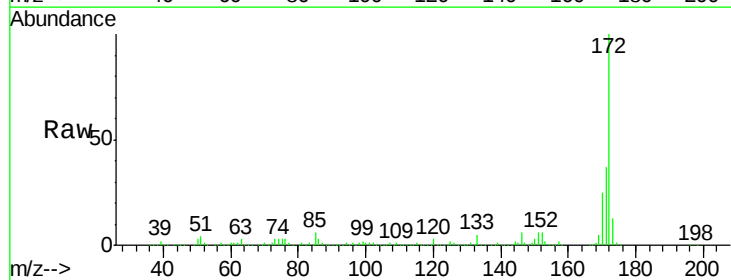
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 86.34 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.2
170	25.3	20.1	30.1

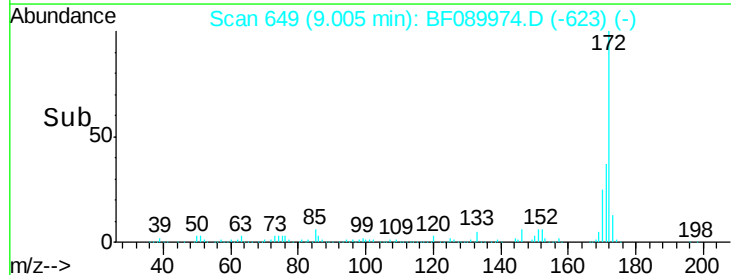
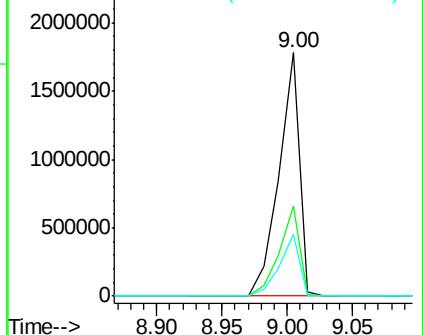


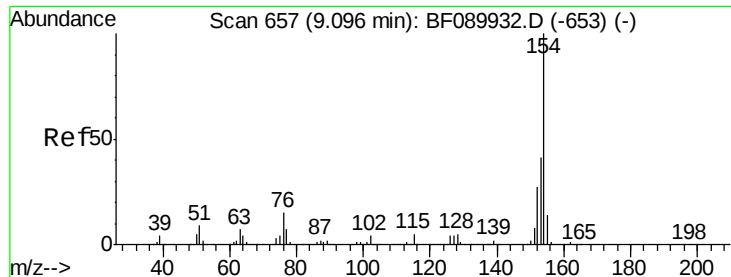
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

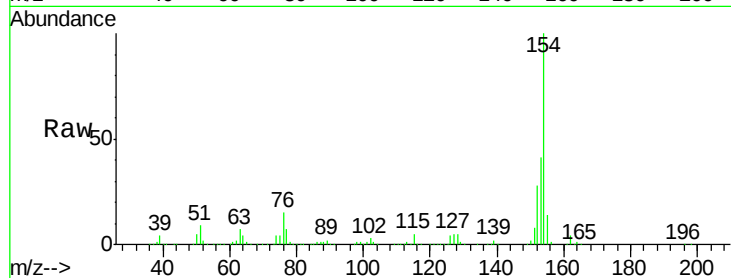




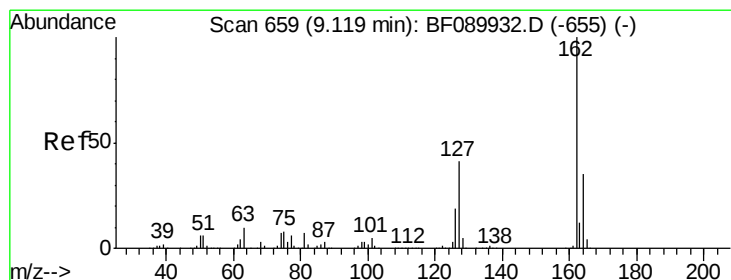
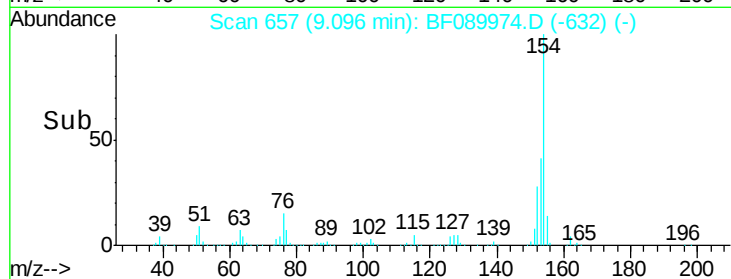
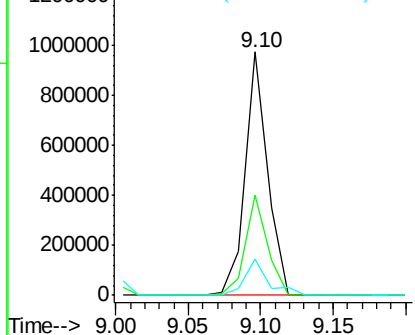
#45
 1,1'-Biphenyl
 Concen: 34.54 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1039808
 Ion Ratio Lower Upper
 154 100
 153 41.0 20.6 60.6
 76 15.0 0.0 34.9

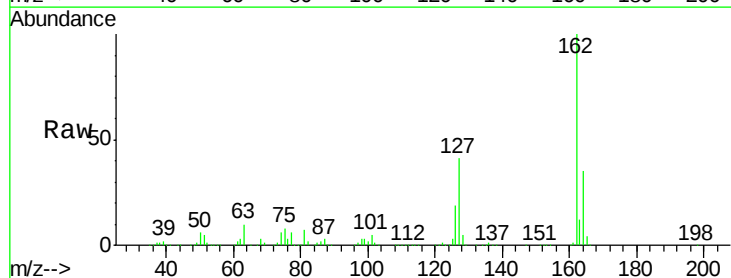


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

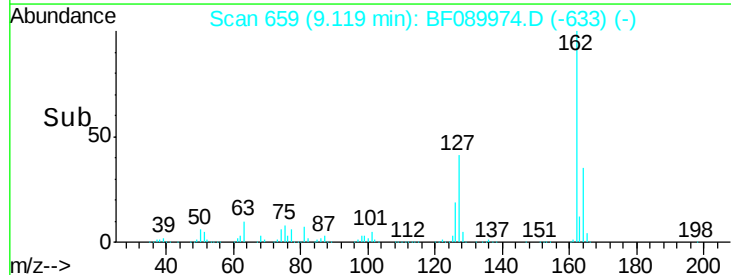
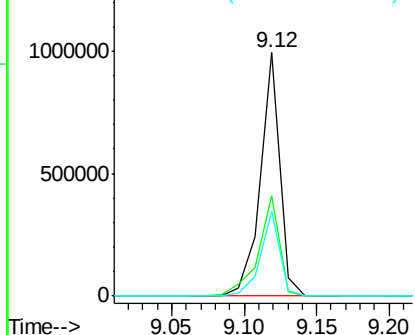


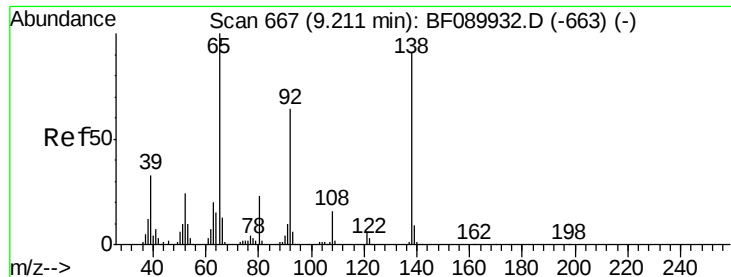
#46
 2-Chloronaphthalene
 Concen: 43.32 ng
 RT: 9.12 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51

Tgt Ion:162 Resp: 922370
 Ion Ratio Lower Upper
 162 100
 127 41.2 33.5 50.3
 164 34.9 28.2 42.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

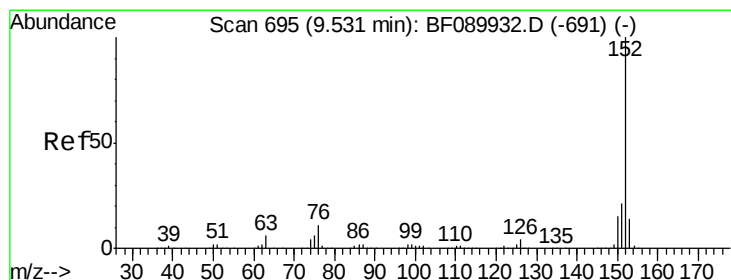
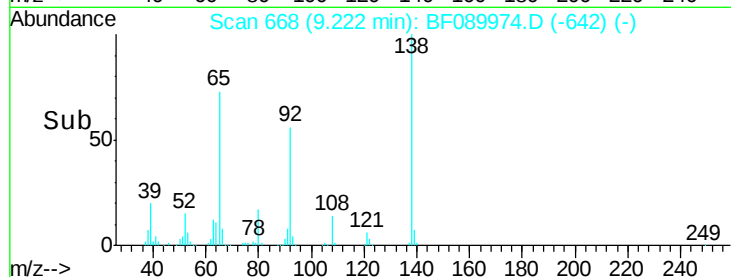
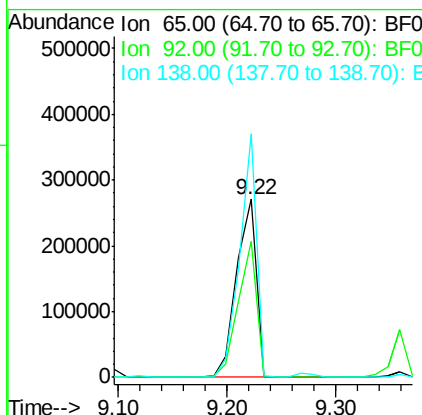
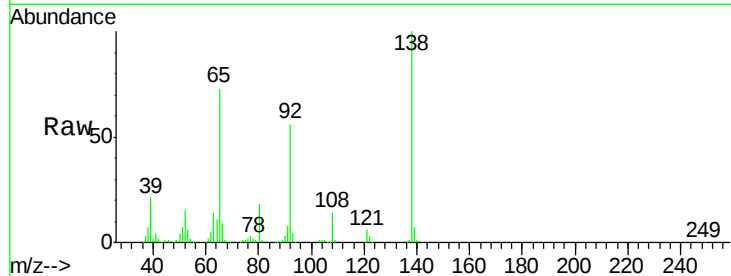




#47
2-Nitroaniline
Concen: 48.36 ng
RT: 9.22 min Scan# 668
Delta R.T. 0.00 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

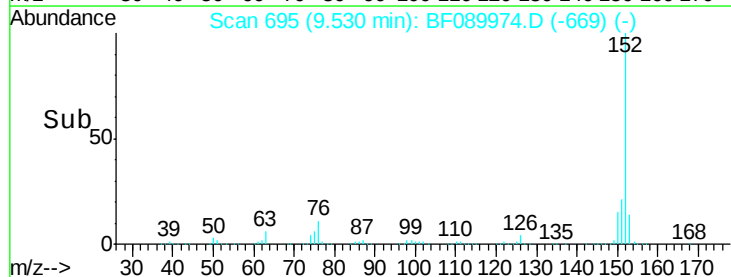
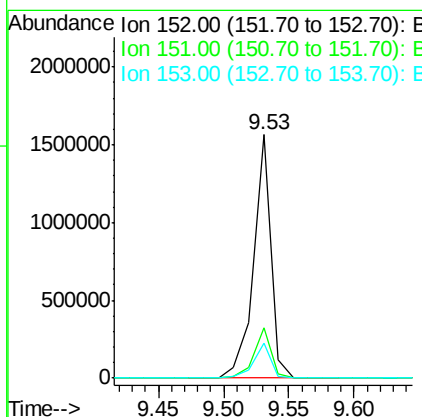
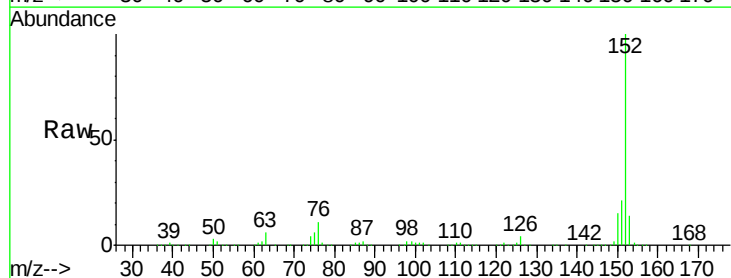
Instrument :
BNA_F
ClientSampled :

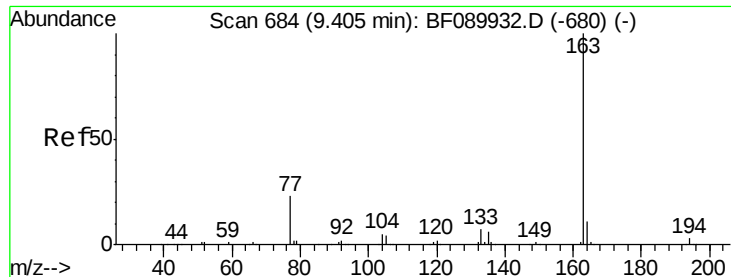
Tot Ion: 65 Resp: 336652
Ion Ratio Lower Upper
65 100
92 76.3 52.0 78.0
138 136.7 72.1 108.1#



#48
Acenaphthylene
Concen: 41.03 ng
RT: 9.53 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Tgt Ion:152 Resp: 1444643
Ion Ratio Lower Upper
152 100
151 20.8 16.7 25.1
153 14.2 11.6 17.4

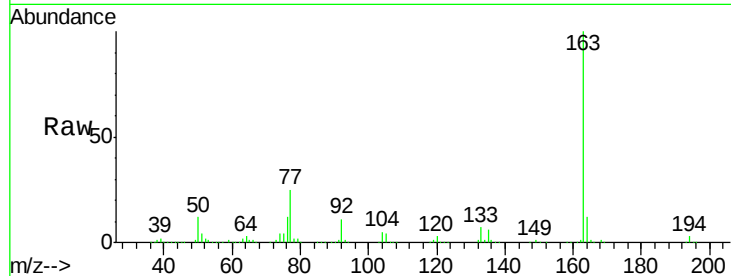




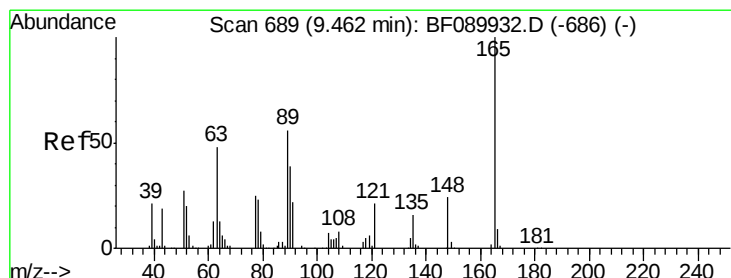
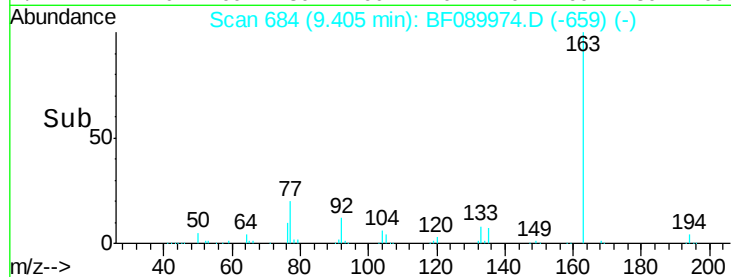
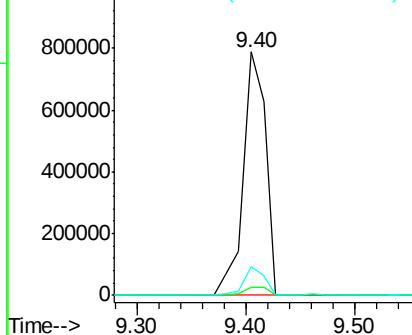
#49
Dimethylphthalate
Concen: 41.42 ng
RT: 9.40 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1119334
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 11.6 9.0 13.4

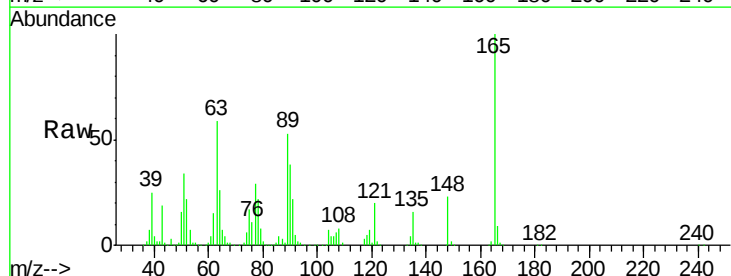


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

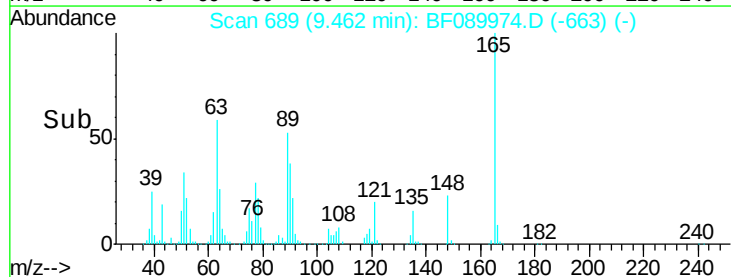
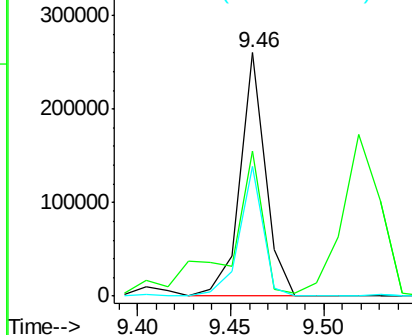


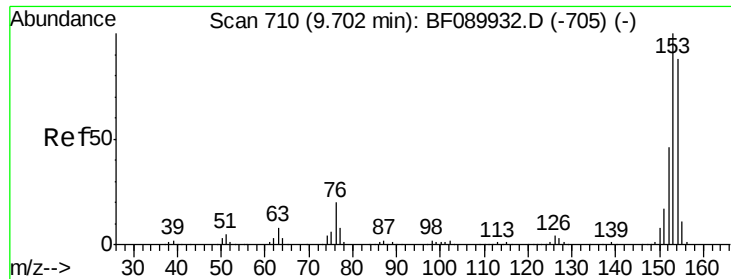
#50
2,6-Dinitrotoluene
Concen: 41.28 ng
RT: 9.46 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Tgt Ion:165 Resp: 248104
Ion Ratio Lower Upper
165 100
63 59.4 45.0 67.4
89 53.2 41.5 62.3



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

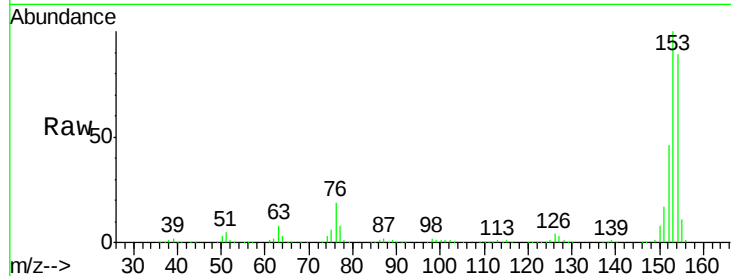




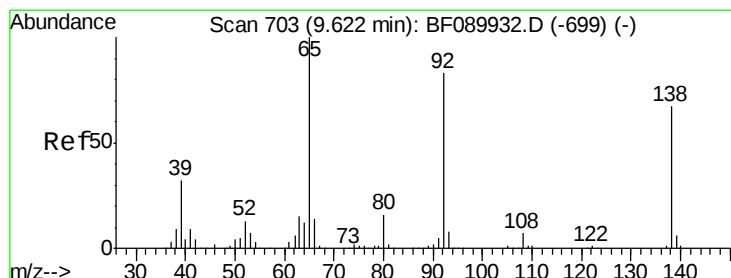
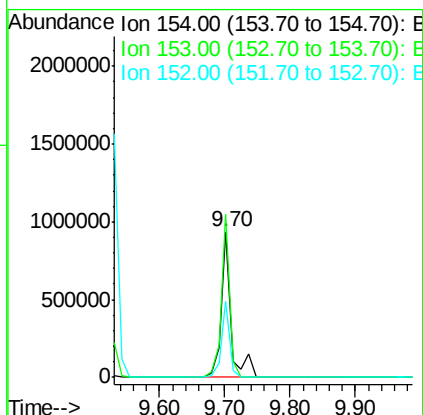
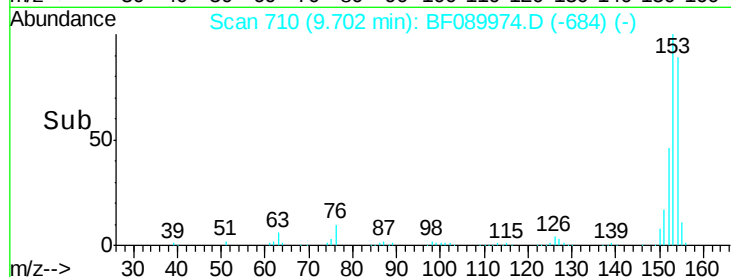
#51
Acenaphthene
Concen: 45.01 ng
RT: 9.70 min Scan# 710
Delta R.T. 0.00 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 1004061
Ion Ratio Lower Upper
154 100
153 112.1 90.6 135.8
152 52.0 42.4 63.6

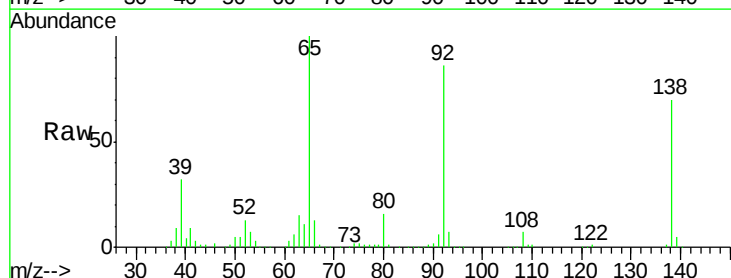


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

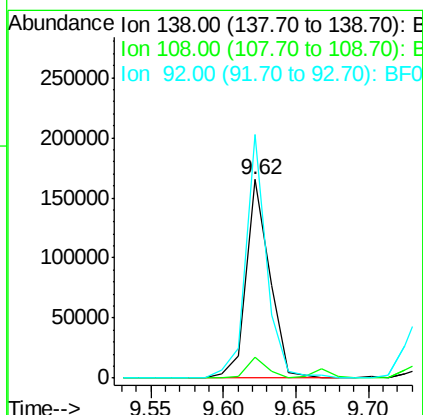
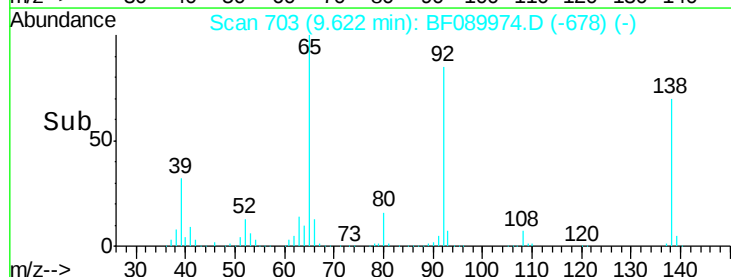


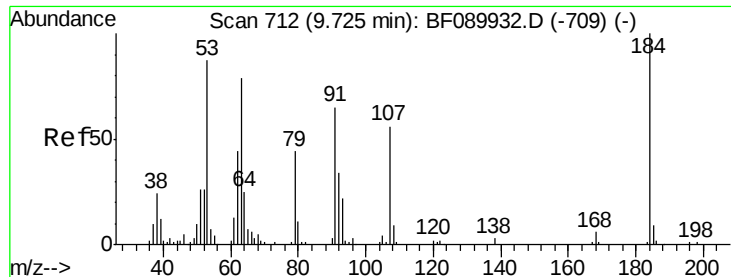
#52
3-Nitroaniline
Concen: 27.18 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Tgt Ion:138 Resp: 186307
Ion Ratio Lower Upper
138 100
108 10.3 8.3 12.5
92 122.7 99.1 148.7



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

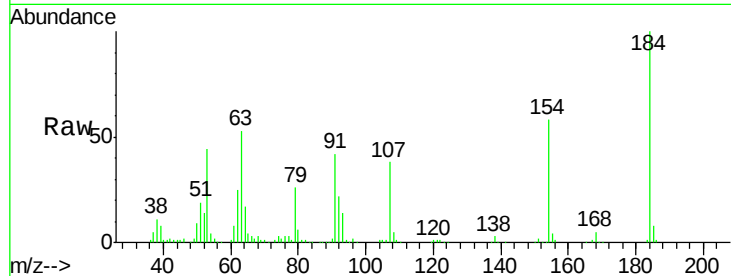




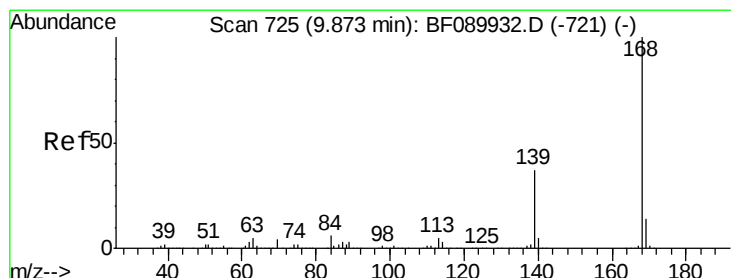
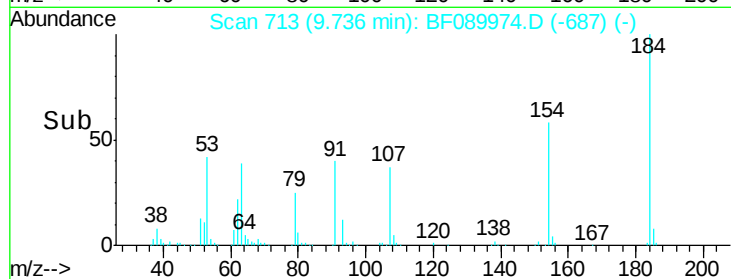
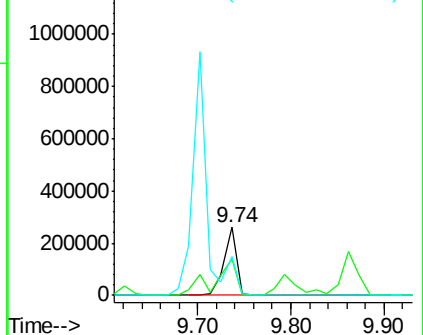
#53
2,4-Dinitrophenol
Concen: 65.42 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 247316
Ion Ratio Lower Upper
184 100
63 52.7 73.9 110.9#
154 57.9 53.5 80.3

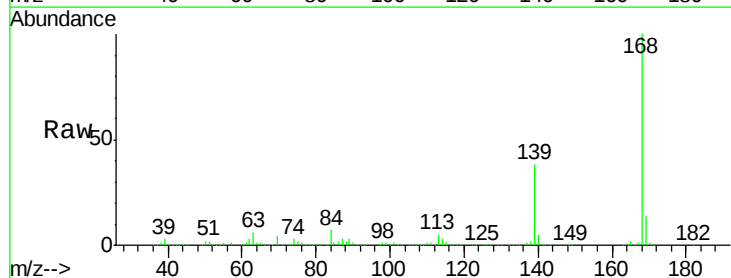


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

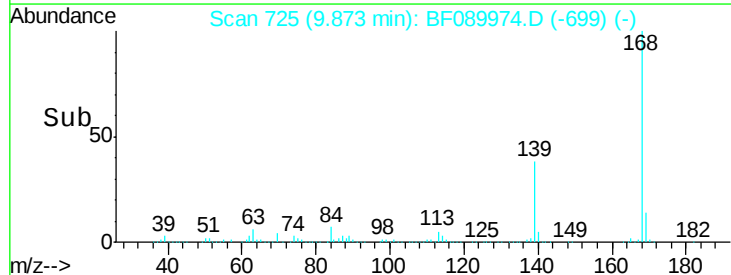
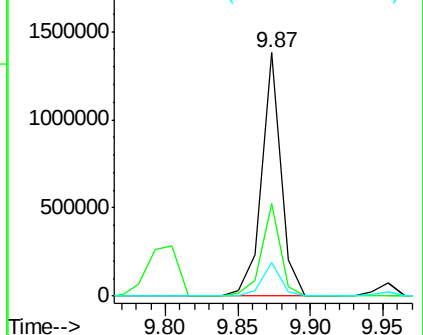


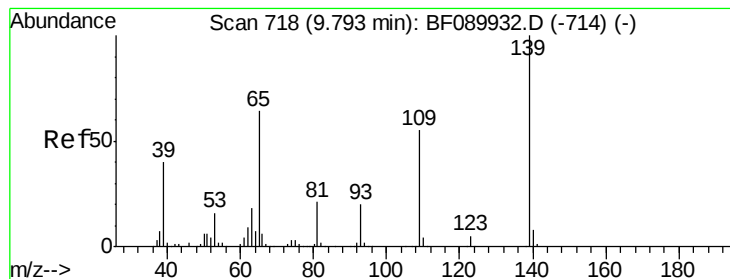
#54
Dibenzofuran
Concen: 42.46 ng
RT: 9.87 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Tgt Ion:168 Resp: 1269272
Ion Ratio Lower Upper
168 100
139 38.3 29.5 44.3
169 14.0 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 84.36 ng

RT: 9.80 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Instrument :

BNA_F

ClientSampleId :

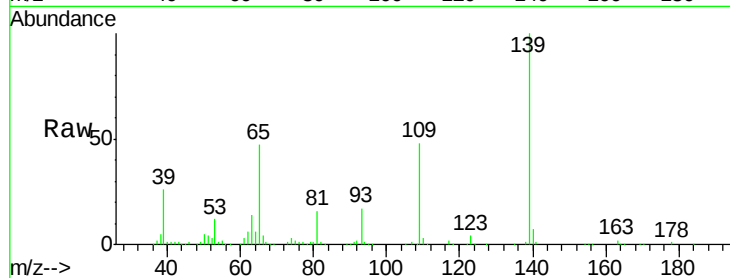
Tot Ion:139 Resp: 436155

Ion Ratio Lower Upper

139 100

109 48.1 31.3 71.3

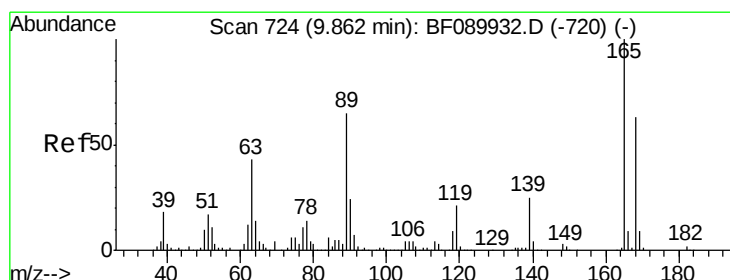
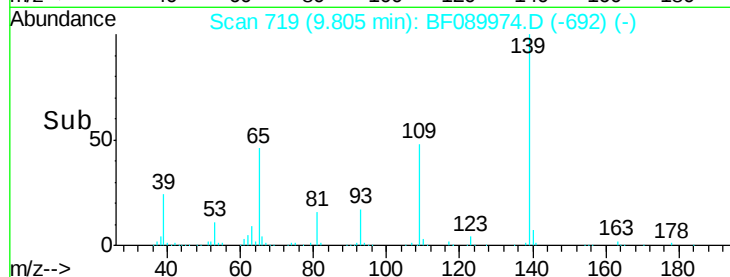
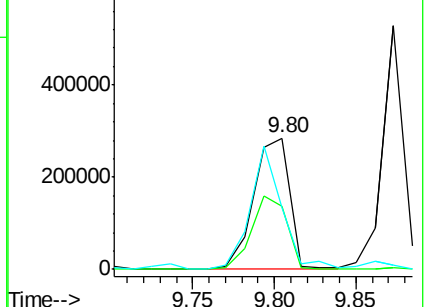
65 46.5 38.5 78.5



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 41.85 ng

RT: 9.86 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Tgt Ion:165 Resp: 318939

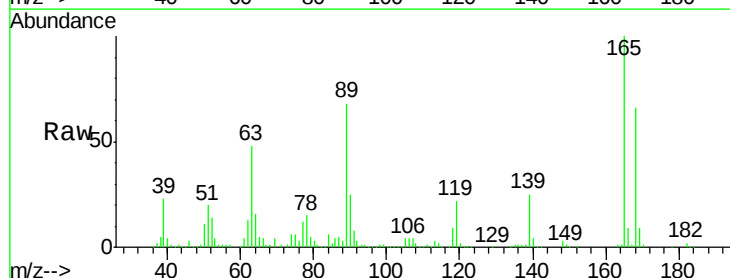
Ion Ratio Lower Upper

165 100

63 48.1 32.5 48.7

89 68.1 48.3 72.5

182 1.9 1.7 2.5

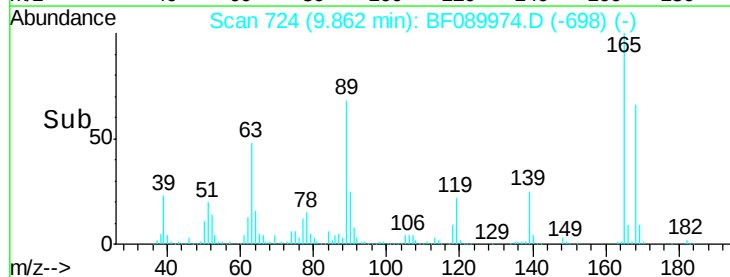
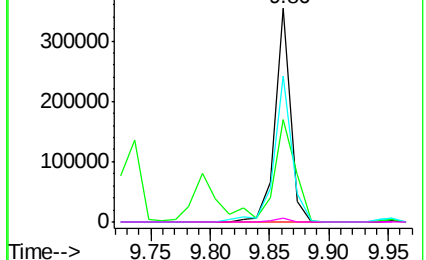


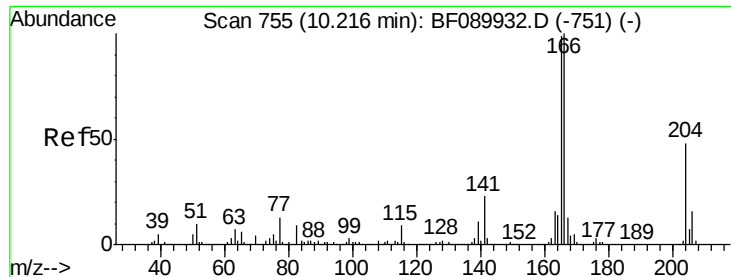
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

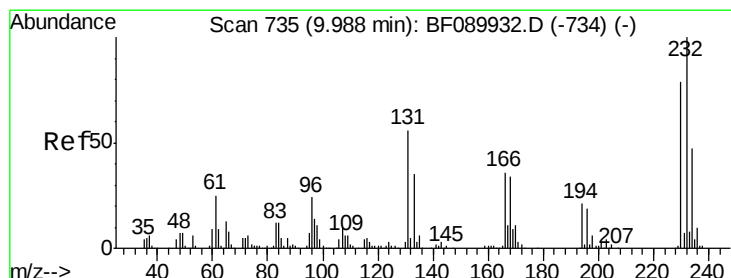
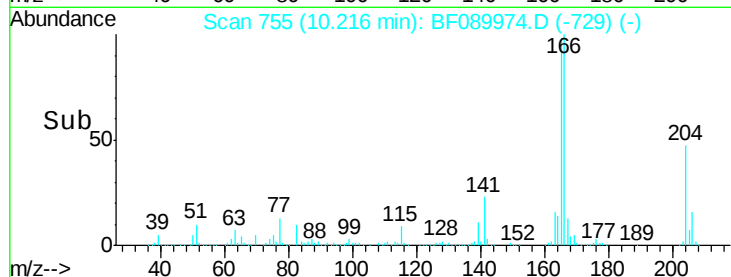
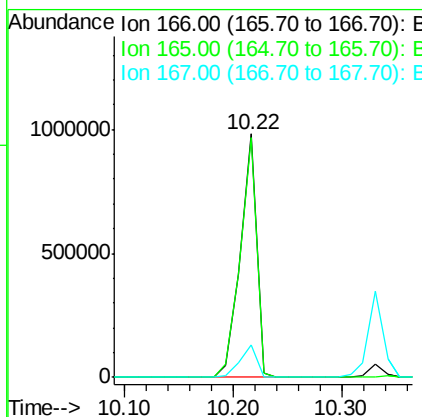
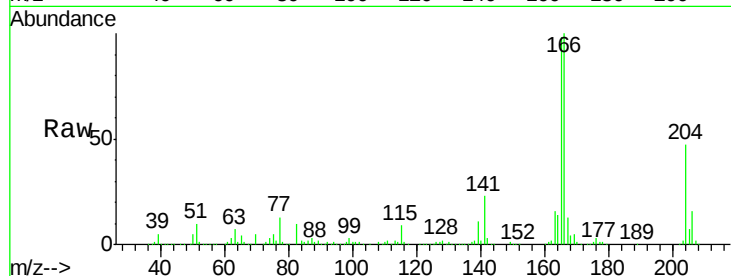




#57
 Fluorene
 Concen: 46.06 ng
 RT: 10.22 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51

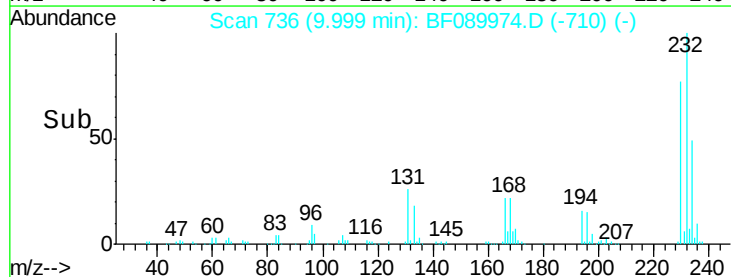
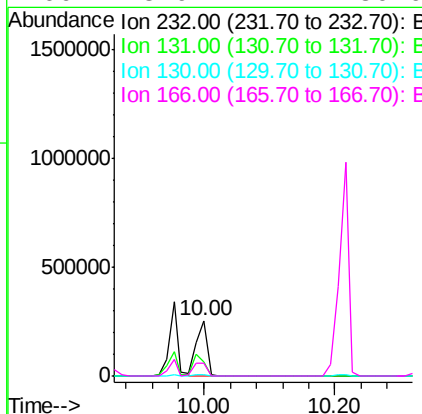
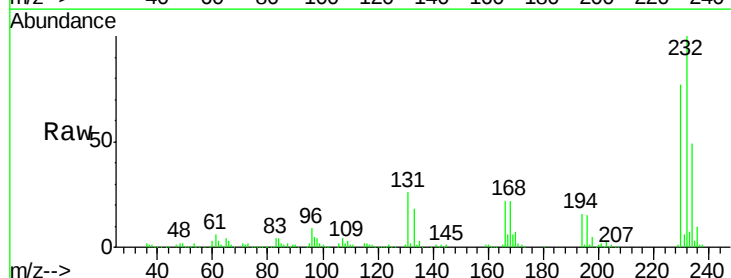
Instrument :
 BNA_F
 ClientSampleId :

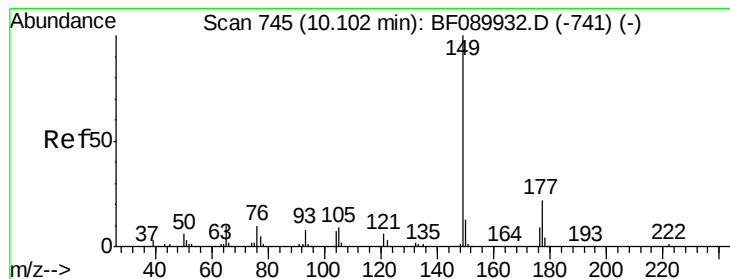
Tot Ion:166 Resp: 1006080
 Ion Ratio Lower Upper
 166 100
 165 98.5 78.6 118.0
 167 13.4 10.6 15.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.62 ng
 RT: 10.00 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51

Tgt Ion:232 Resp: 297549
 Ion Ratio Lower Upper
 232 100
 131 41.2 36.3 54.5
 130 1.8 1.7 2.5
 166 28.9 24.4 36.6





#59

Diethylphthalate

Concen: 43.50 ng

RT: 10.10 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Instrument :

BNA_F

ClientSampleId :

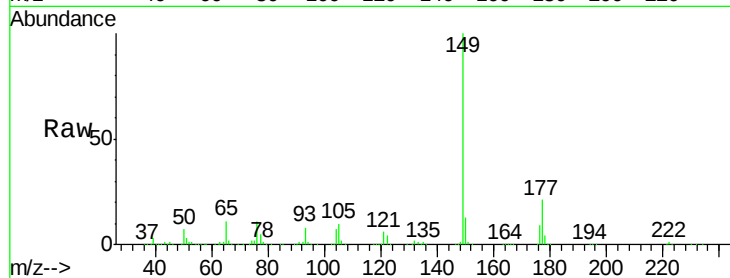
Tot Ion:149 Resp: 1105856

Ion Ratio Lower Upper

149 100

177 21.4 17.7 26.5

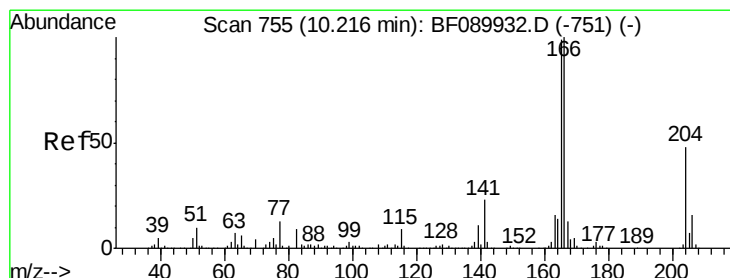
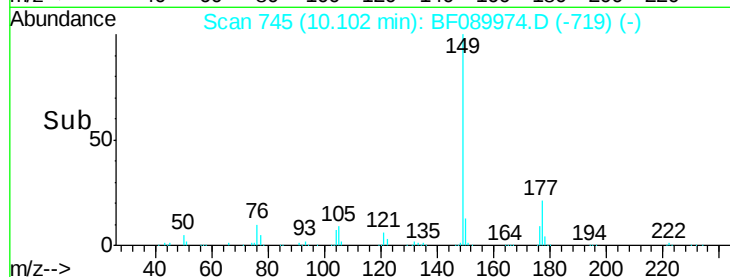
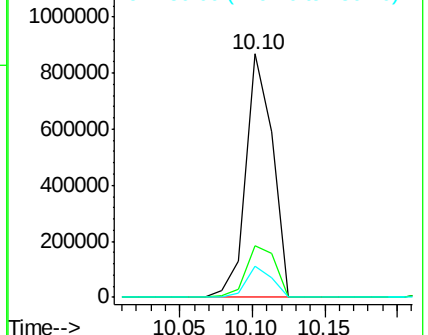
150 12.9 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 45.46 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

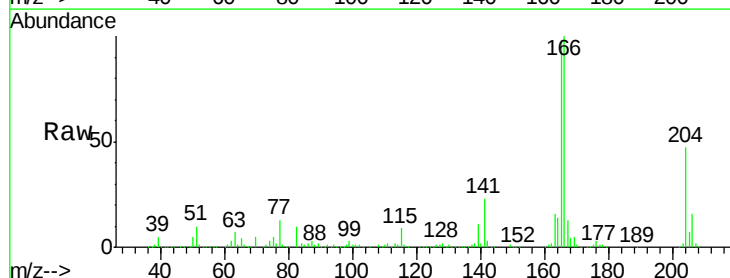
Tgt Ion:204 Resp: 467277

Ion Ratio Lower Upper

204 100

206 33.2 26.6 40.0

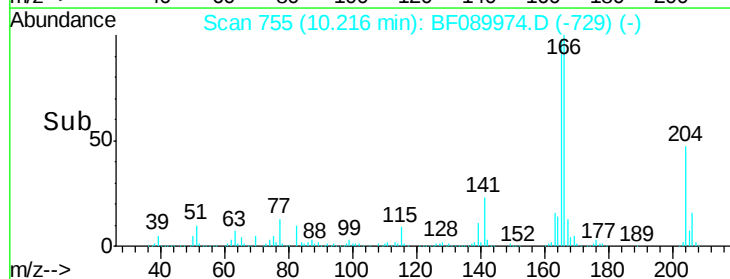
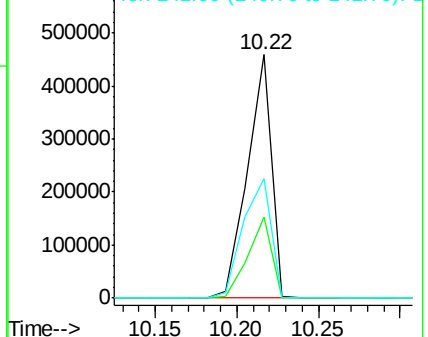
141 49.2 36.5 54.7

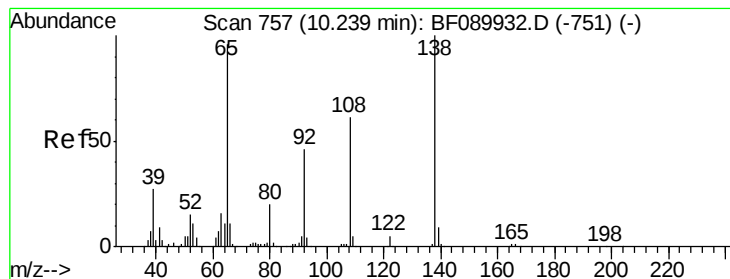


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.66 ng

RT: 10.24 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Instrument :

BNA_F

ClientSampleId :

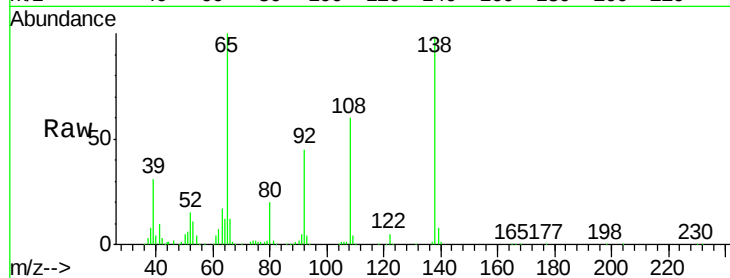
Tot Ion:138 Resp: 273841

Ion Ratio Lower Upper

138 100

92 46.0 21.2 61.2

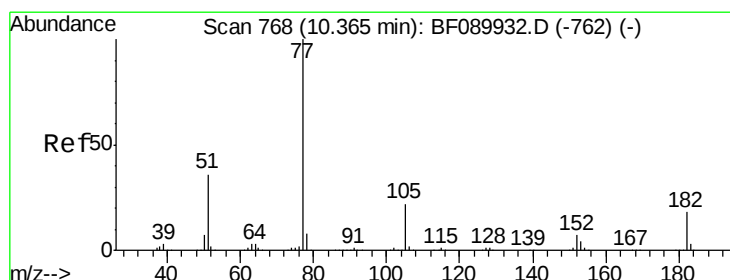
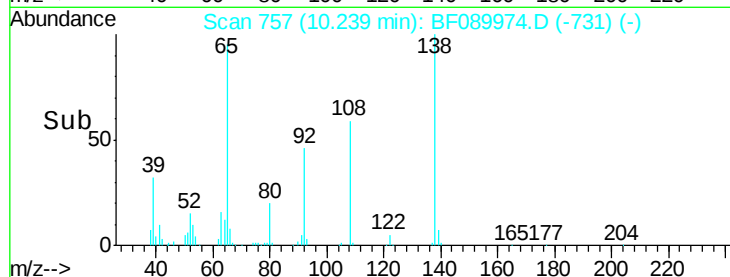
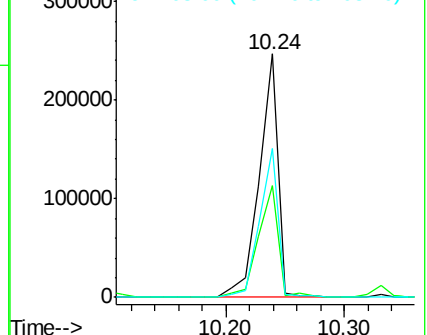
108 60.9 37.7 77.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.17 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Tgt Ion: 77 Resp: 1147021

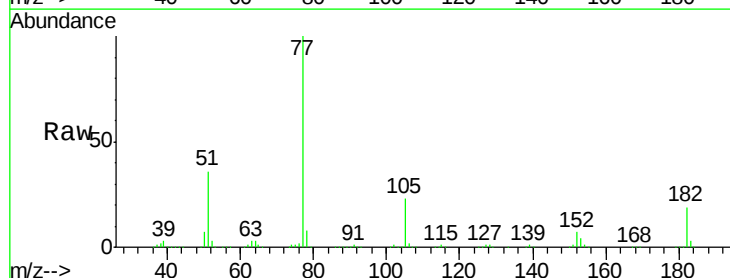
Ion Ratio Lower Upper

77 100

182 18.6 0.0 38.6

105 22.6 2.3 42.3

51 35.8 15.1 55.1

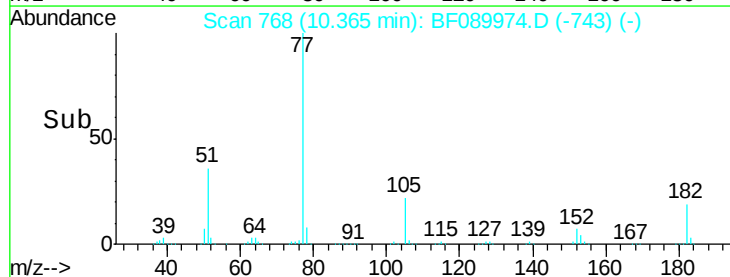
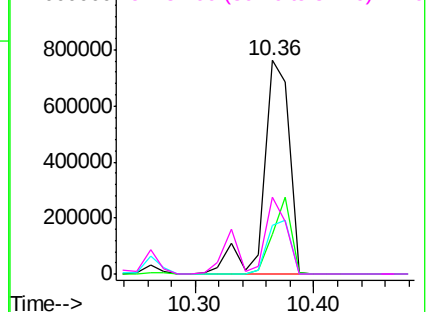


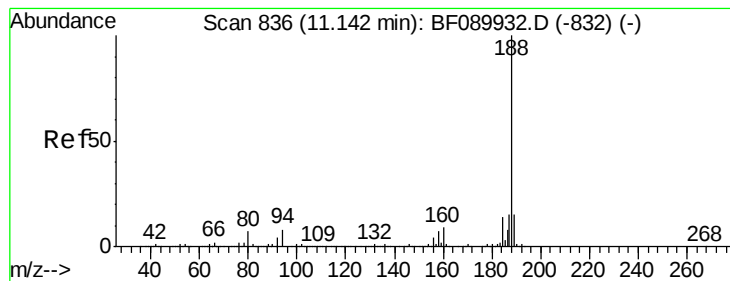
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.14 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Instrument :

BNA_F

ClientSampleId :

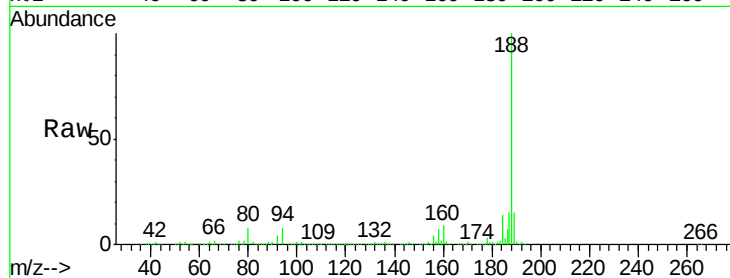
Tot Ion:188 Resp: 709088

Ion Ratio Lower Upper

188 100

94 7.8 5.9 8.9

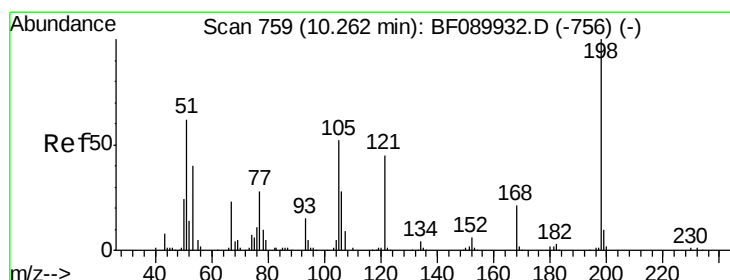
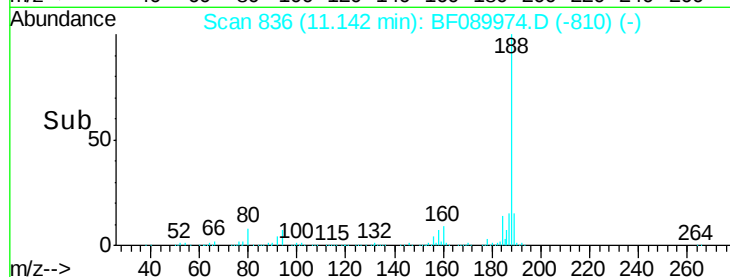
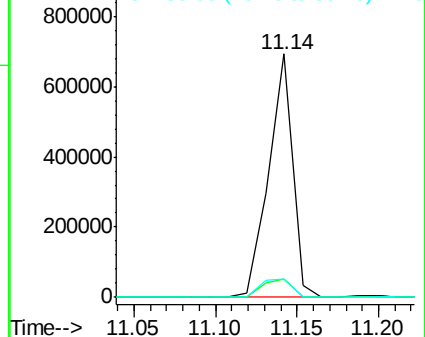
80 7.7 5.8 8.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 36.81 ng

RT: 10.27 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

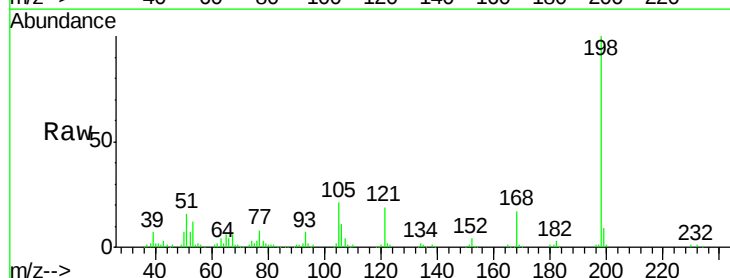
Tgt Ion:198 Resp: 167085

Ion Ratio Lower Upper

198 100

51 15.8 43.0 83.0#

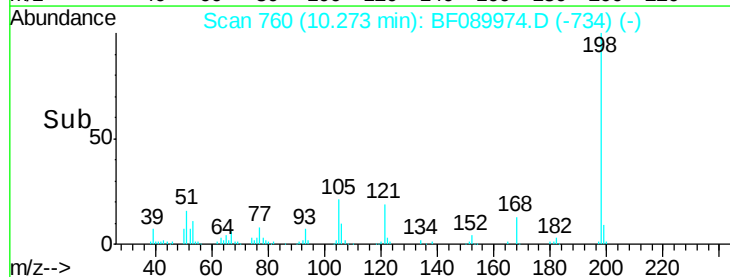
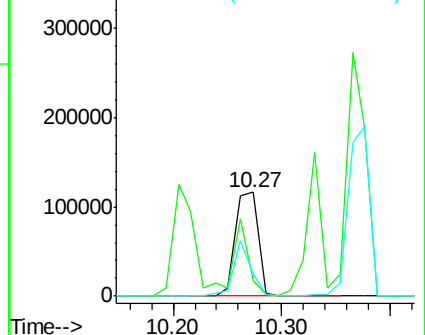
105 20.9 30.3 70.3#

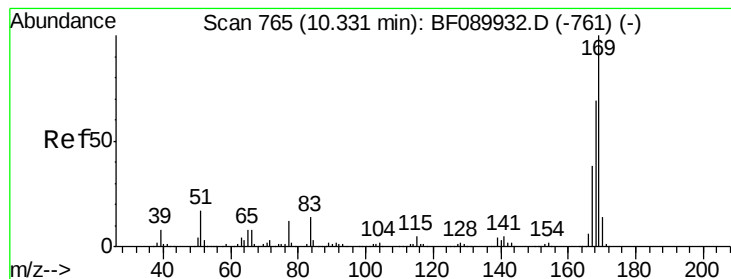


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.39 ng

RT: 10.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Instrument :

BNA_F

ClientSampleId :

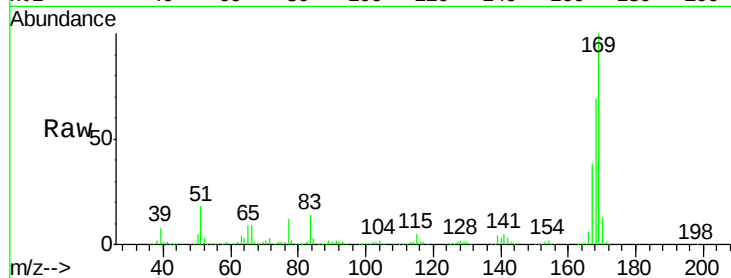
Tot Ion:169 Resp: 882371

Ion Ratio Lower Upper

169 100

168 68.7 55.0 82.4

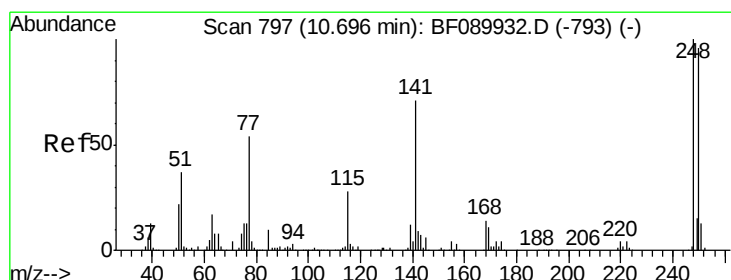
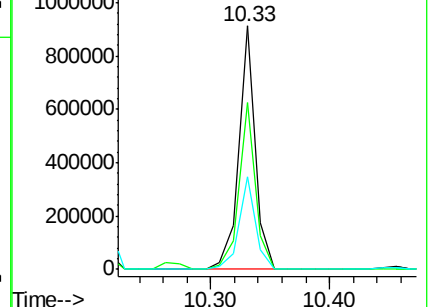
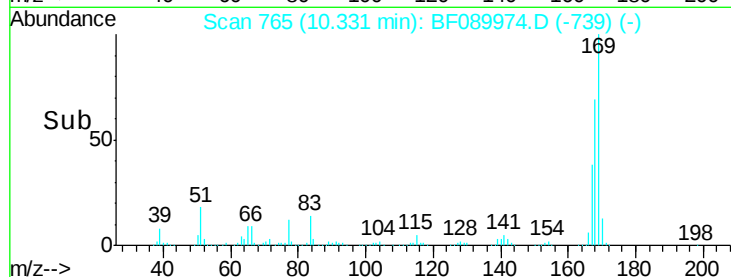
167 38.2 30.5 45.7



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.88 ng

RT: 10.70 min Scan# 797

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

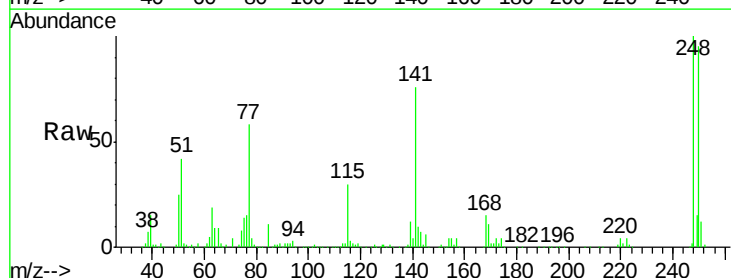
Tgt Ion:248 Resp: 306130

Ion Ratio Lower Upper

248 100

250 95.4 77.3 115.9

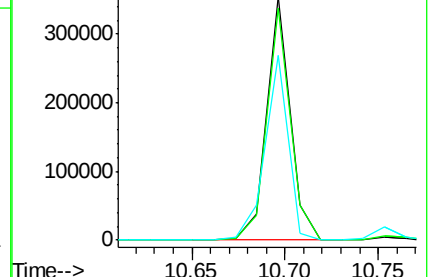
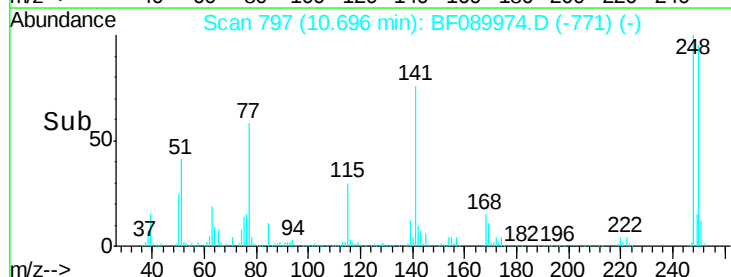
141 75.9 55.8 83.8

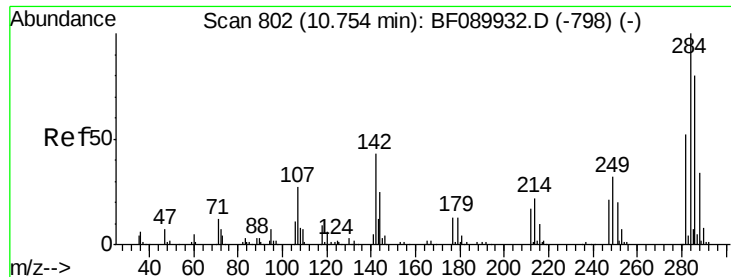


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.32 ng

RT: 10.75 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Instrument :
BNA_F
ClientSampleId :

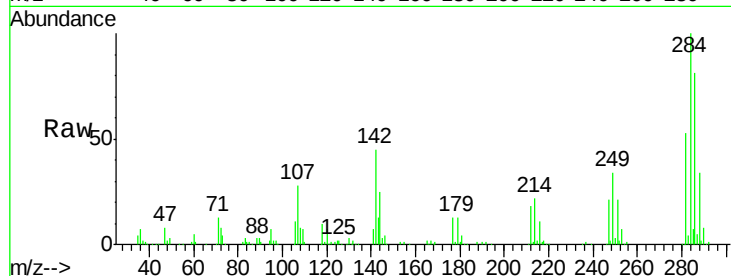
Tot Ion:284 Resp: 328802

Ion Ratio Lower Upper

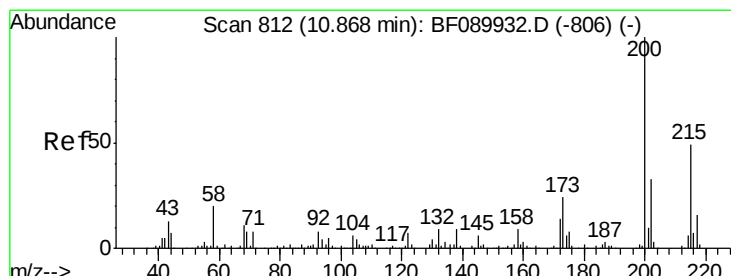
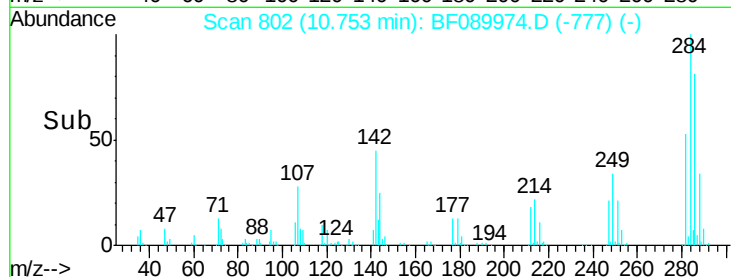
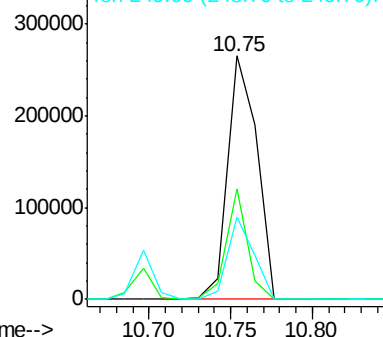
284 100

142 45.3 32.7 49.1

249 33.7 26.9 40.3



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 47.29 ng

RT: 10.87 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

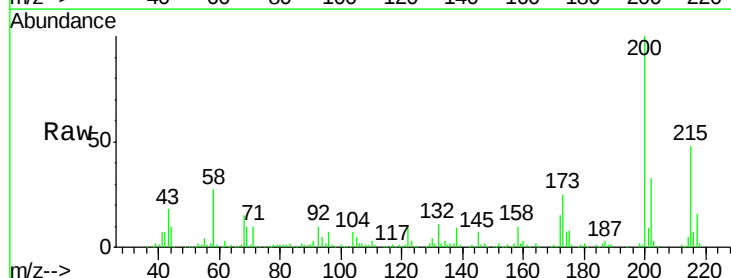
Tgt Ion:200 Resp: 336534

Ion Ratio Lower Upper

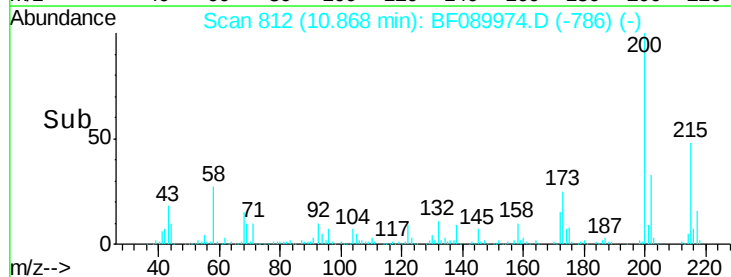
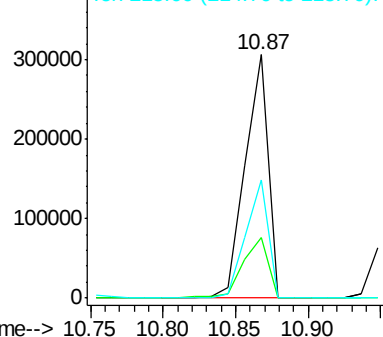
200 100

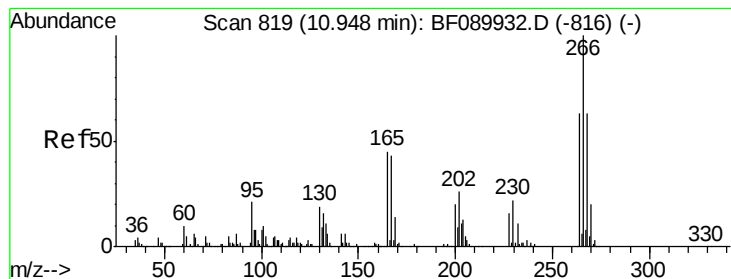
173 24.6 9.4 49.4

215 48.4 24.5 64.5



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 77.90 ng

RT: 10.95 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Instrument :
BNA_F
ClientSampleId :

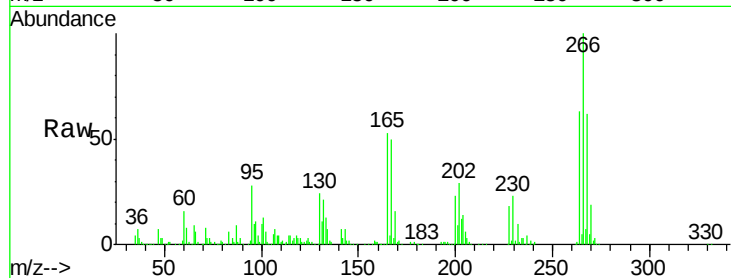
Tot Ion:266 Resp: 341716

Ion Ratio Lower Upper

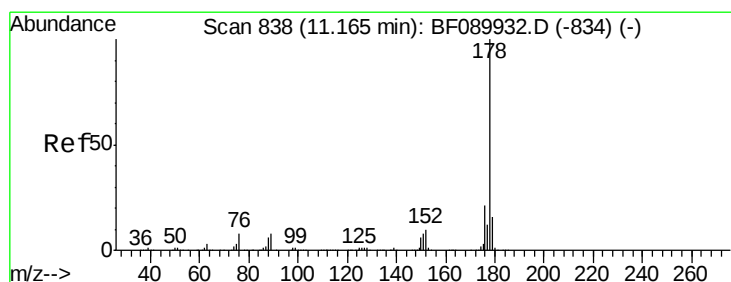
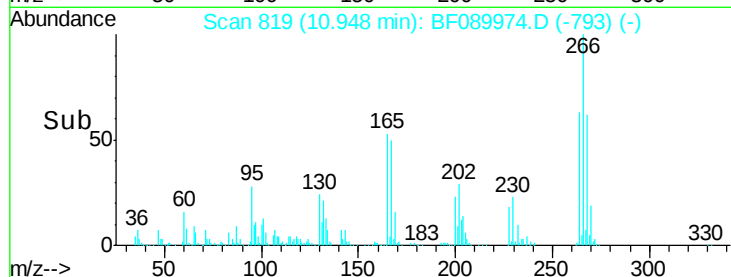
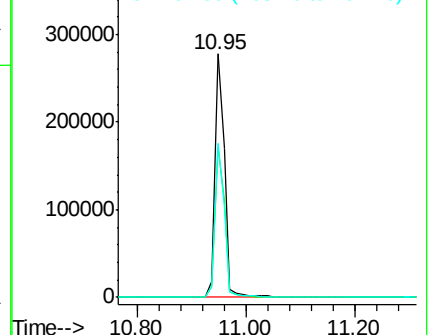
266 100

268 61.8 51.0 76.6

264 63.1 50.6 75.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 41.30 ng

RT: 11.16 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

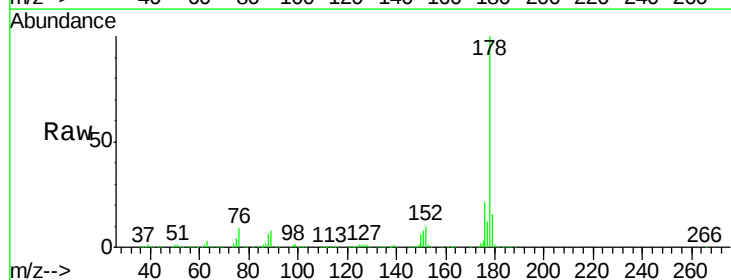
Tgt Ion:178 Resp: 1458478

Ion Ratio Lower Upper

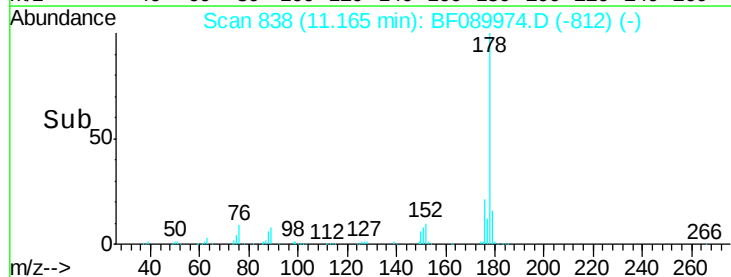
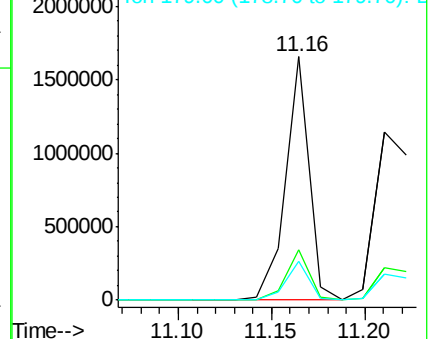
178 100

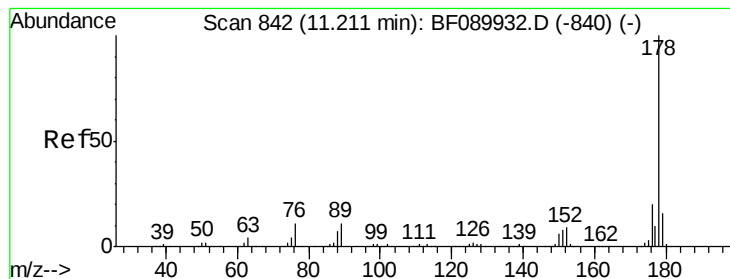
176 20.7 16.5 24.7

179 15.9 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 42.52 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Instrument :

BNA_F

ClientSampled :

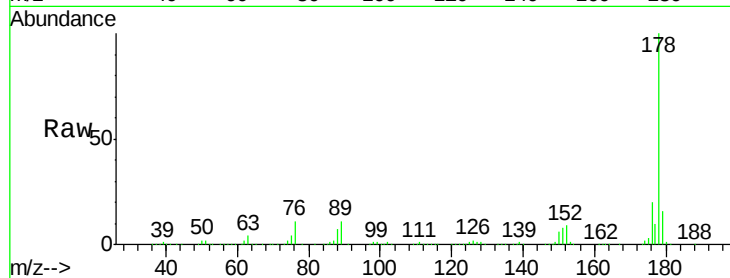
Tot Ion:178 Resp: 1522684

Ion Ratio Lower Upper

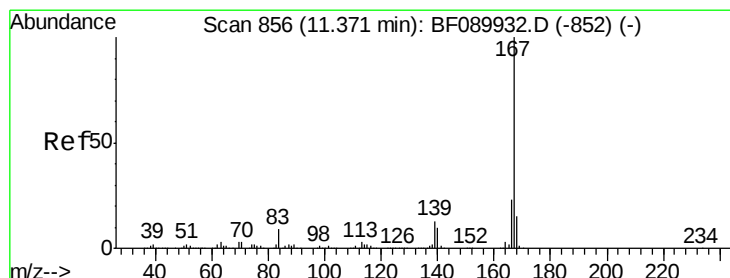
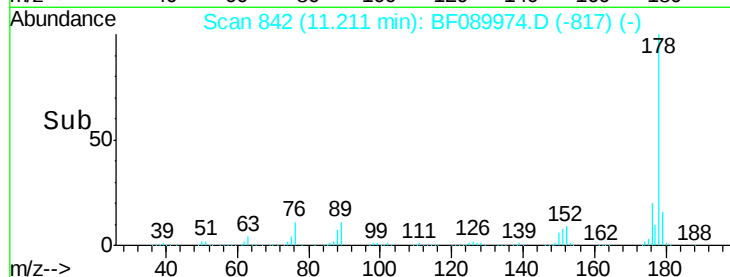
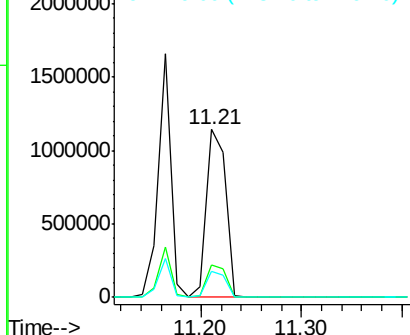
178 100

176 19.6 15.8 23.8

179 15.7 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 37.42 ng

RT: 11.37 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

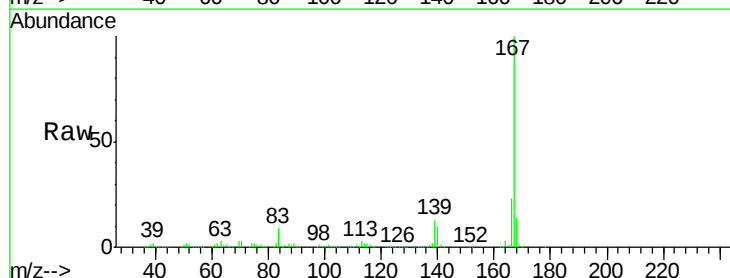
Tgt Ion:167 Resp: 1256737

Ion Ratio Lower Upper

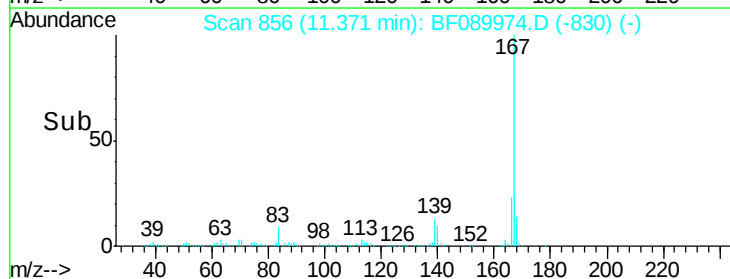
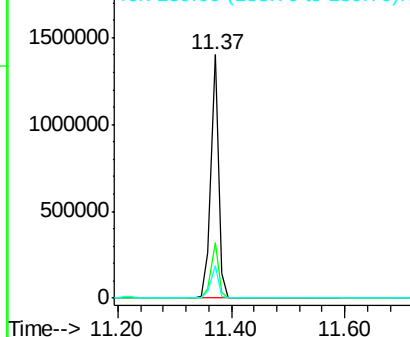
167 100

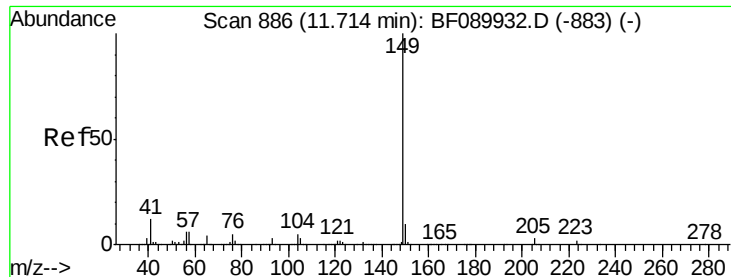
166 22.7 18.1 27.1

139 13.4 10.4 15.6



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.22 ng

RT: 11.72 min Scan# 887

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Instrument :

BNA_F

ClientSampleId :

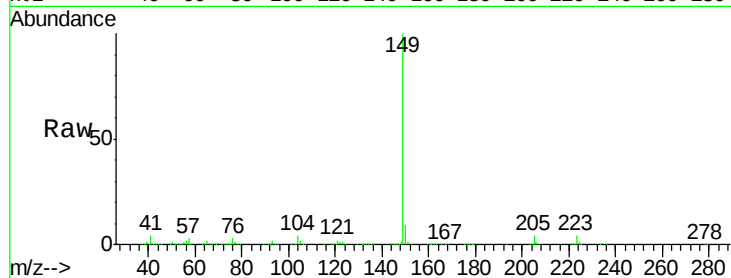
Tot Ion:149 Resp: 1770035

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.8

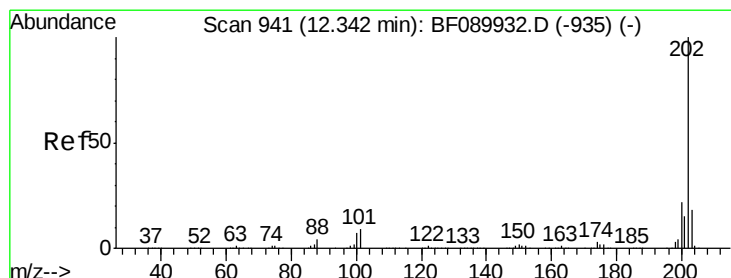
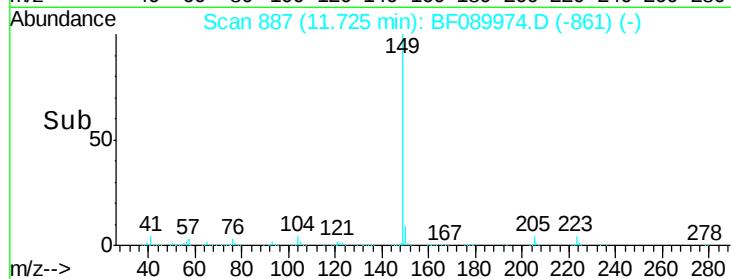
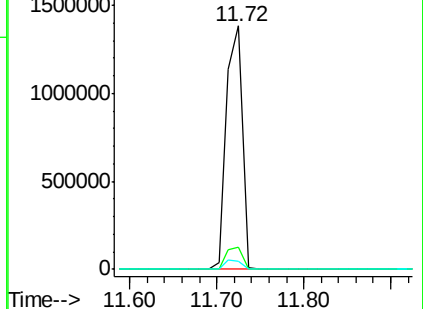
104 3.5 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.22 ng

RT: 12.34 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

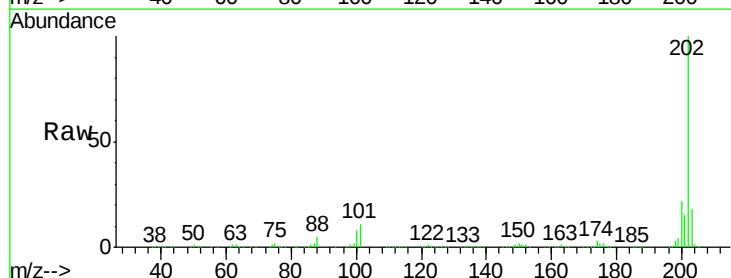
Tgt Ion:202 Resp: 1525273

Ion Ratio Lower Upper

202 100

101 10.7 0.0 28.5

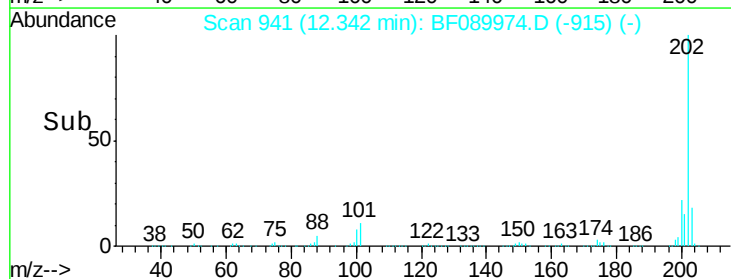
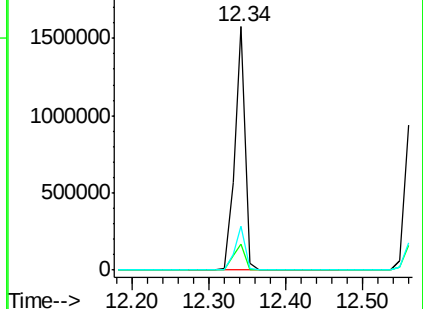
203 18.1 0.0 38.0

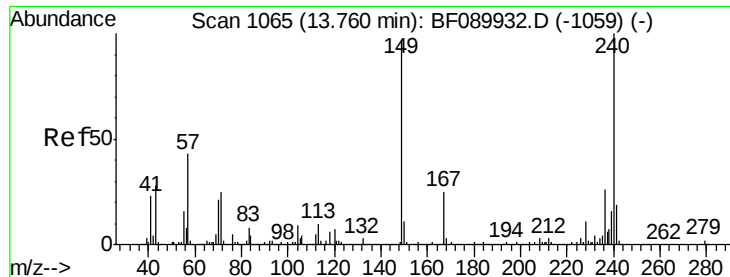


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Instrument :

BNA_F

ClientSampleId :

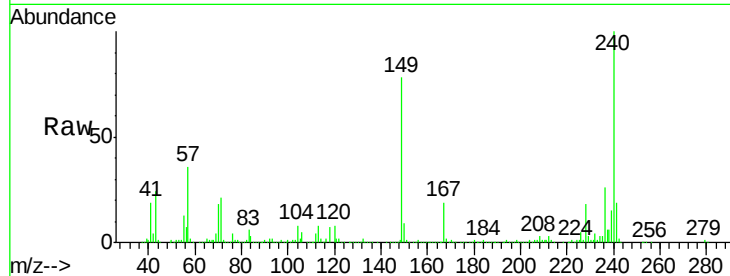
Tot Ion:240 Resp: 483873

Ion Ratio Lower Upper

240 100

120 7.6 5.7 8.5

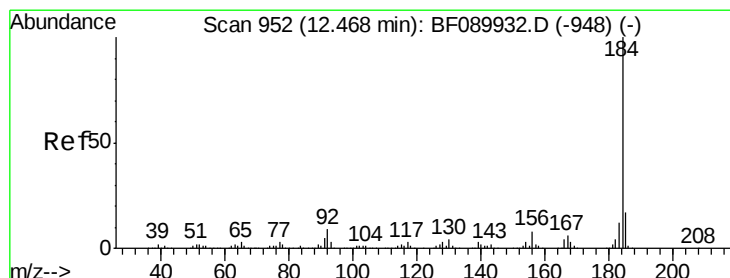
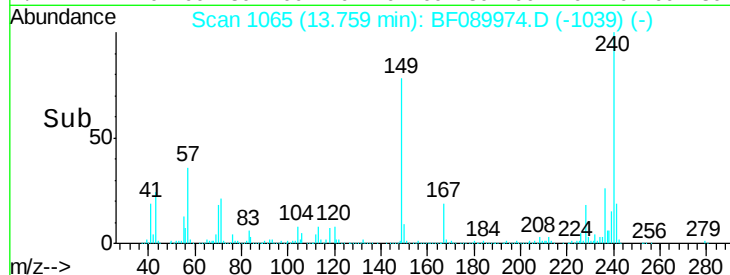
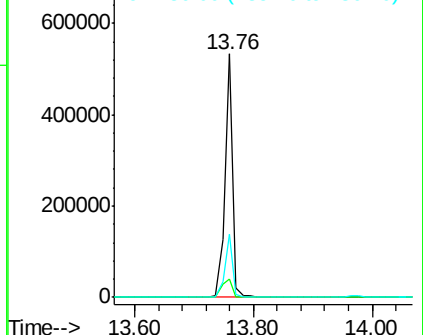
236 26.1 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 29.39 ng

RT: 12.47 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

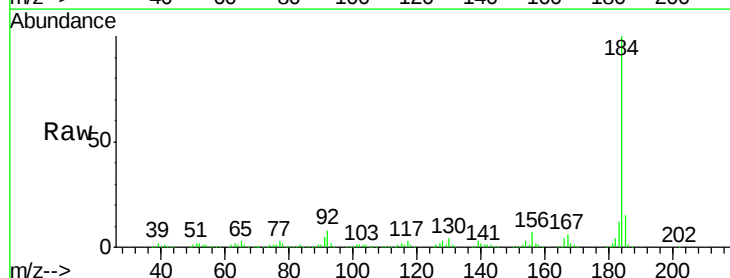
Tgt Ion:184 Resp: 538752

Ion Ratio Lower Upper

184 100

185 14.8 13.8 20.8

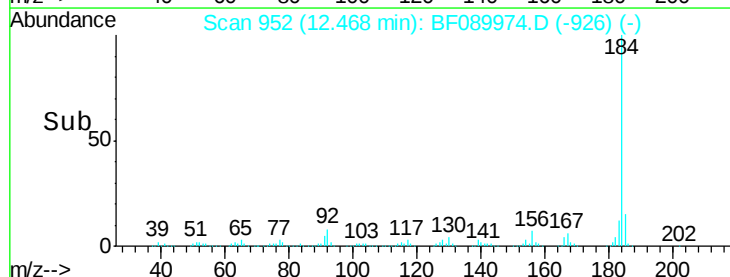
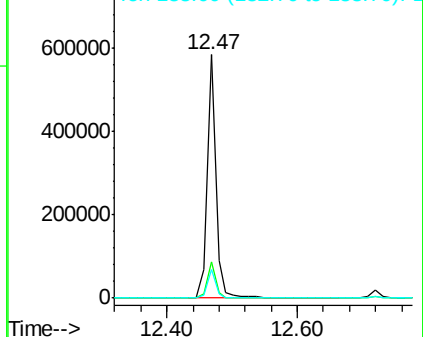
183 11.7 9.6 14.4

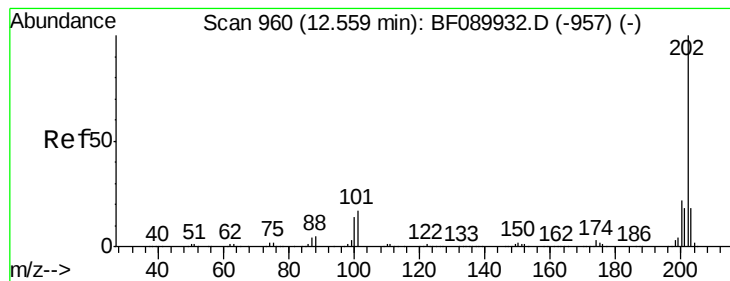


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 44.62 ng

RT: 12.57 min Scan# 961

Delta R.T. 0.00 min

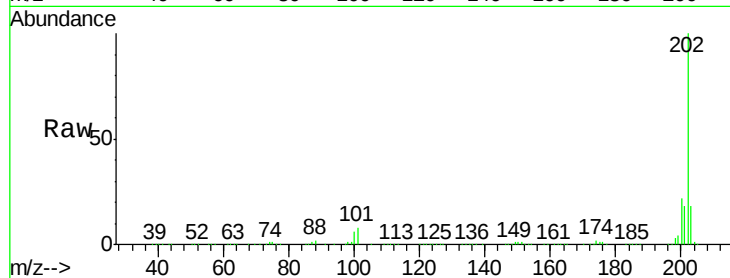
Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1522217

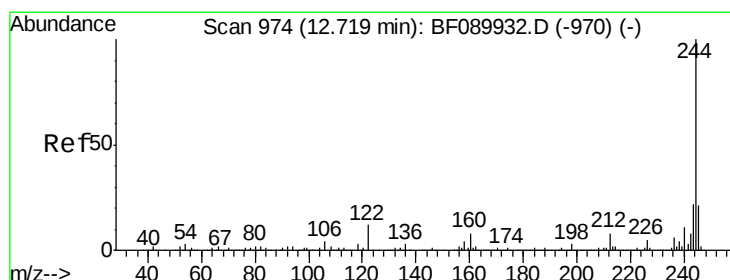
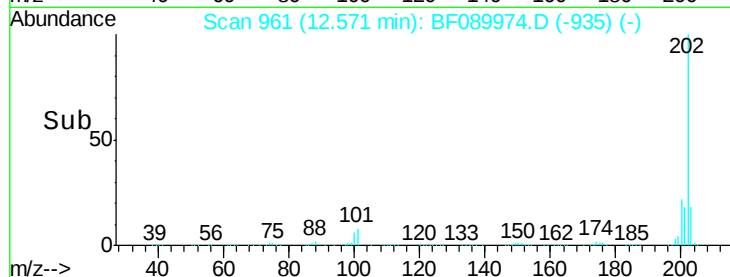
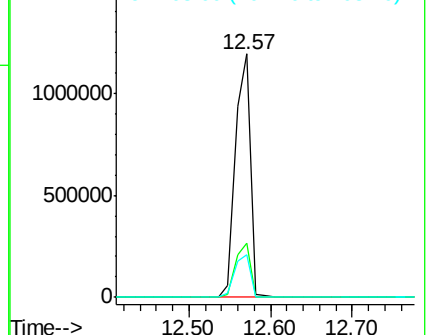
Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.6	26.4
203	17.7	14.6	21.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 80.64 ng

RT: 12.72 min Scan# 974

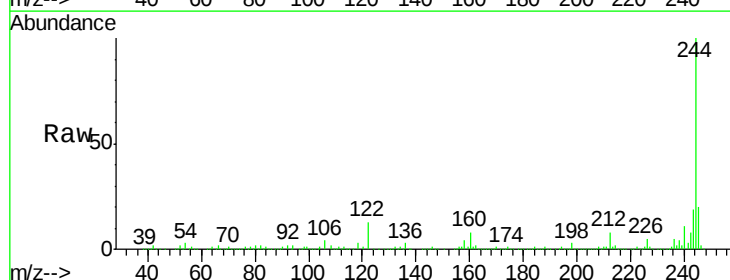
Delta R.T. -0.01 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Tgt Ion:244 Resp: 1579597

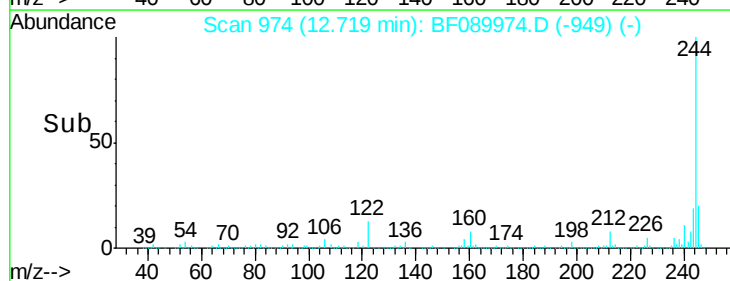
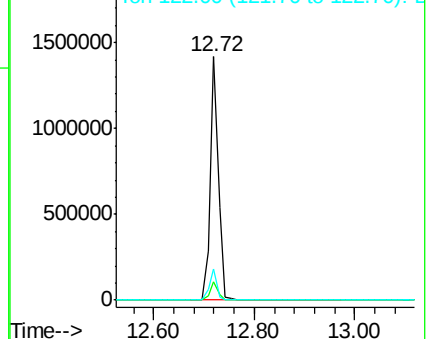
Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.1	9.1
122	12.9	9.6	14.4

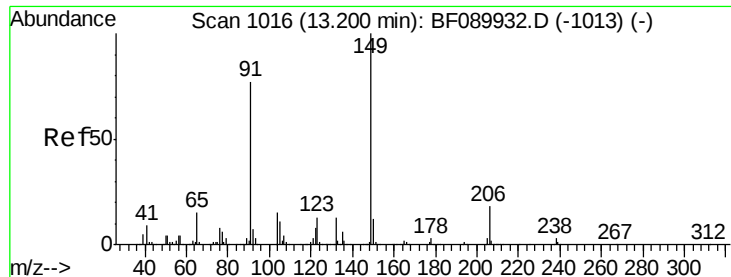


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

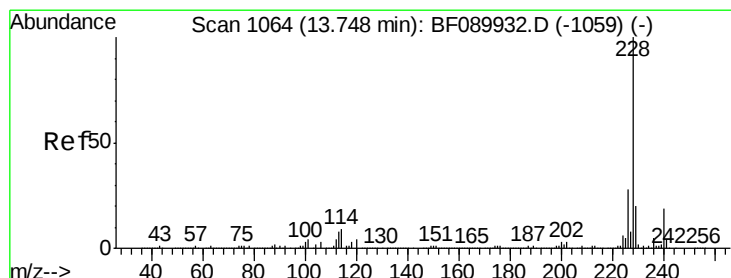
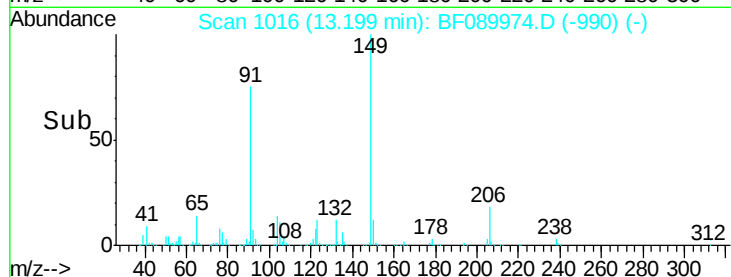
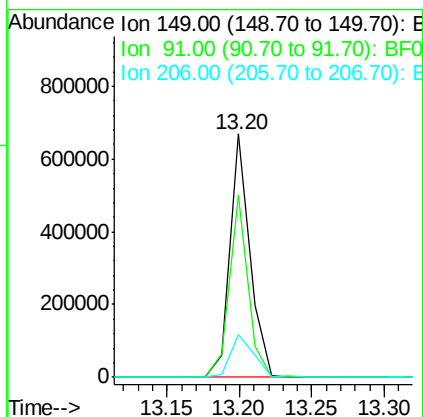
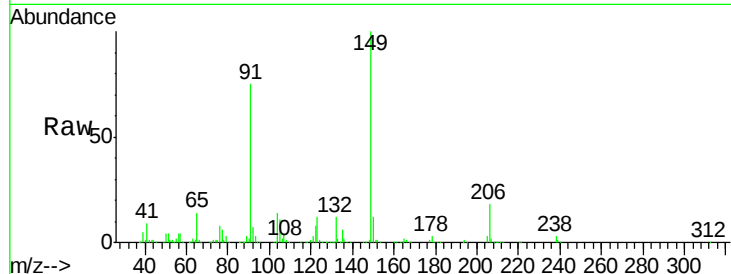




#79
Butylbenzylphthalate
Concen: 46.79 ng
RT: 13.20 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

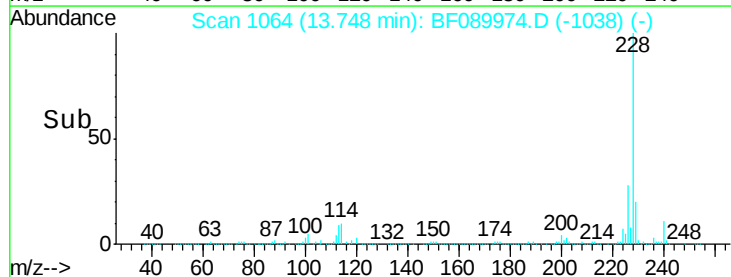
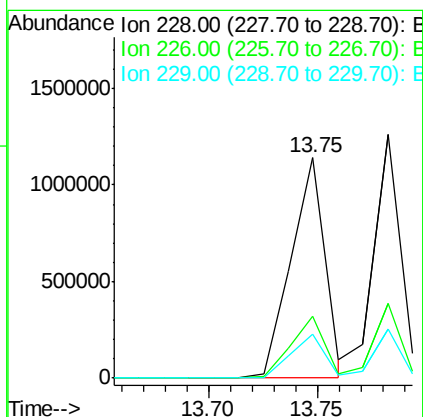
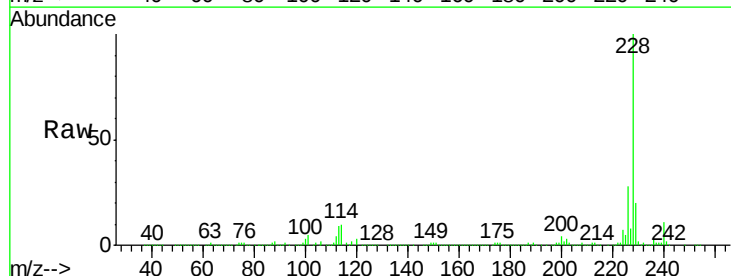
Instrument :
BNA_F
ClientSampleId :

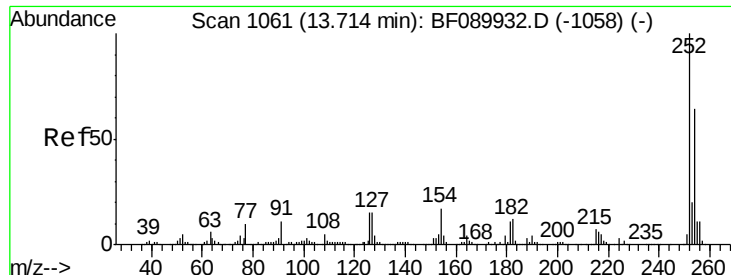
Tot Ion:149 Resp: 643722
Ion Ratio Lower Upper
149 100
91 74.8 60.0 90.0
206 17.6 15.1 22.7



#80
Benzo(a)anthracene
Concen: 41.80 ng
RT: 13.75 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Tgt Ion:228 Resp: 1238786
Ion Ratio Lower Upper
228 100
226 28.1 22.2 33.2
229 20.0 15.8 23.6

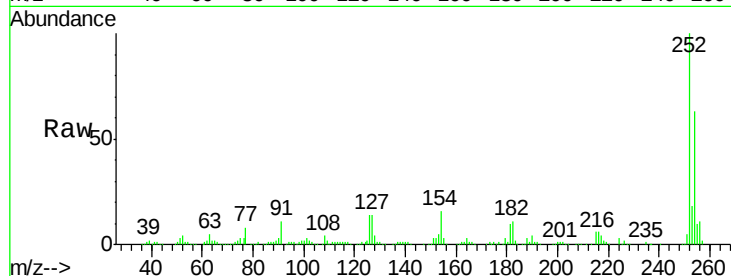




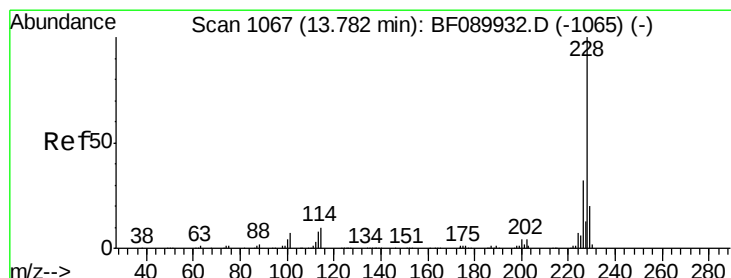
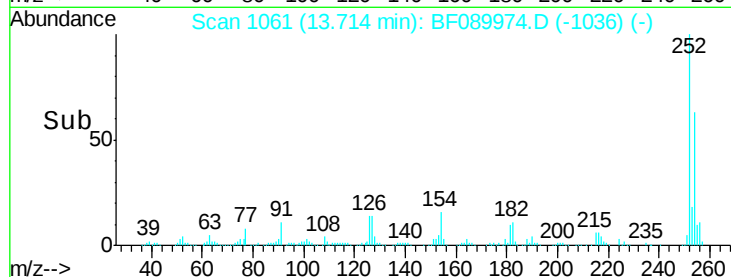
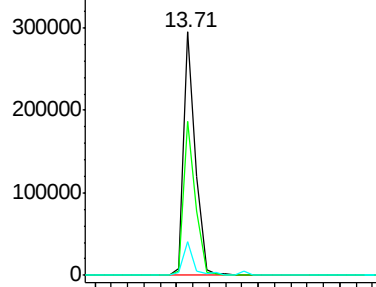
#81
 3,3'-Dichlorobenzidine
 Concen: 28.08 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 300420
 Ion Ratio Lower Upper
 252 100
 254 63.3 51.3 76.9
 126 14.0 12.3 18.5

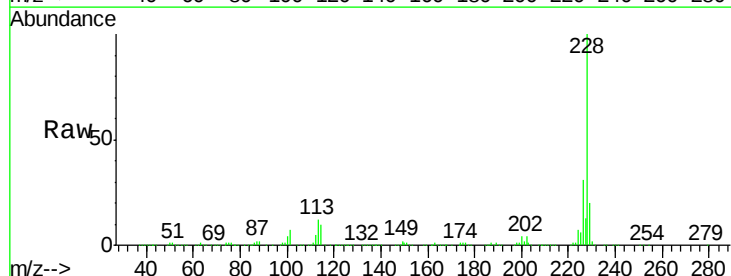


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

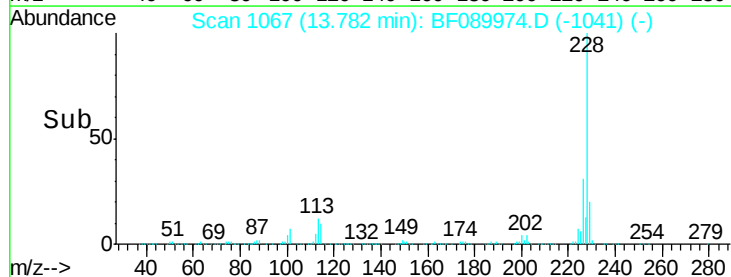
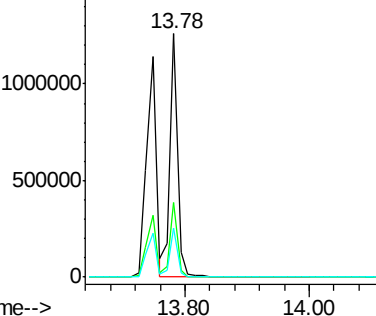


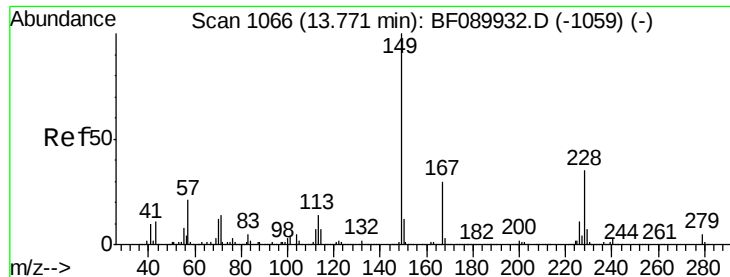
#82
 Chrysene
 Concen: 40.17 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51

Tgt Ion:228 Resp: 1112028
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.2 37.8
 229 20.1 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.43 ng

RT: 13.77 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Instrument :

BNA_F

ClientSampled :

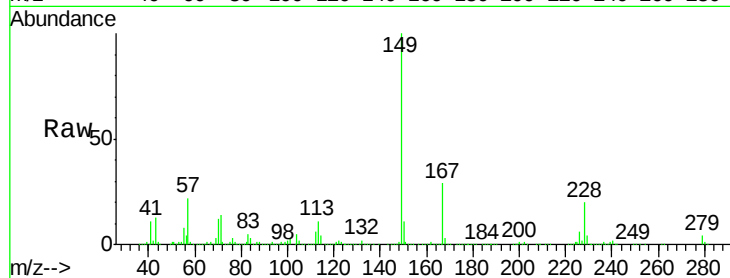
Tot Ion:149 Resp: 921580

Ion Ratio Lower Upper

149 100

167 28.9 23.6 35.4

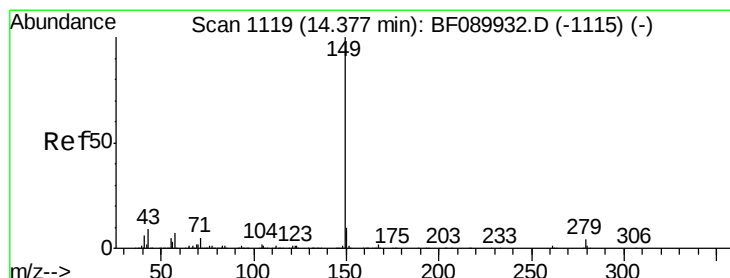
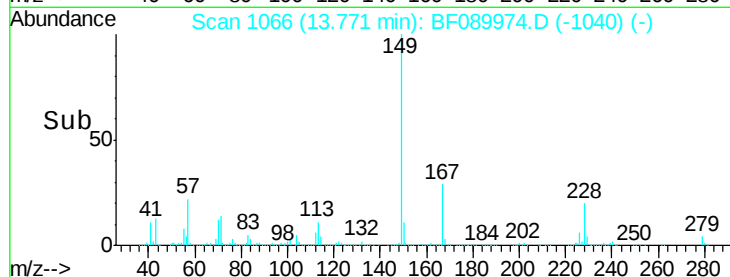
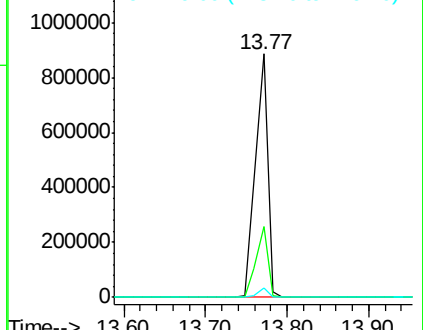
279 4.1 3.4 5.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.30 ng

RT: 14.38 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

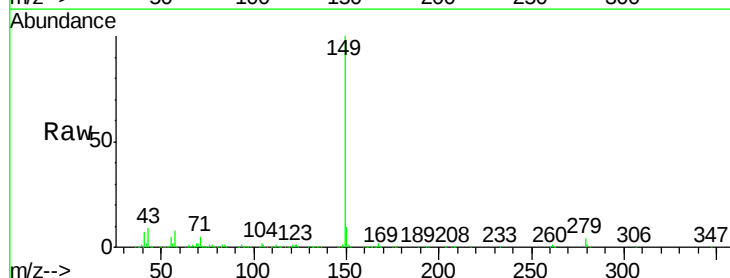
Tgt Ion:149 Resp: 1483491

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

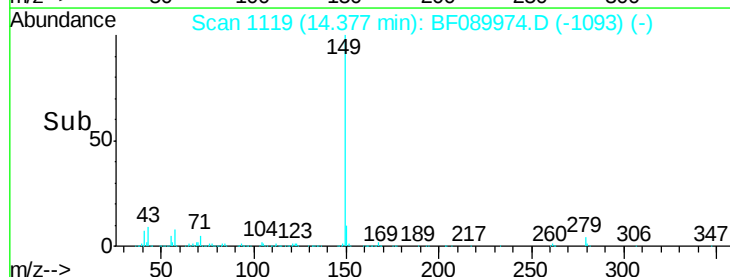
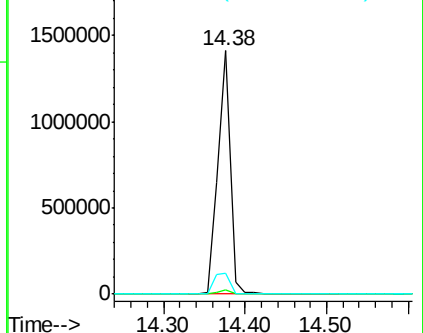
43 11.4 9.3 13.9

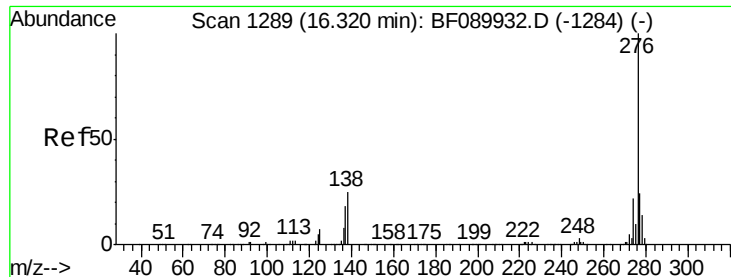


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 50.73 ng

RT: 16.33 min Scan# 1290

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

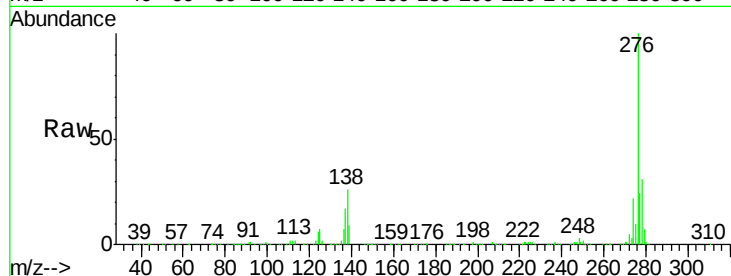
Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 1038191

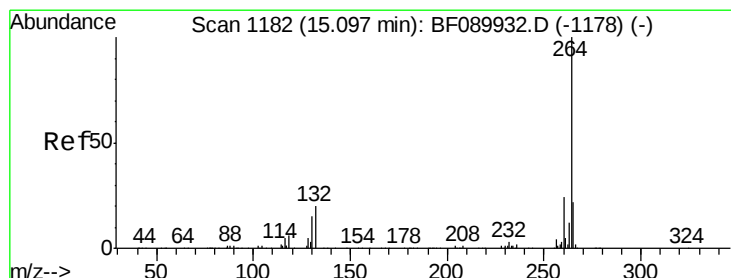
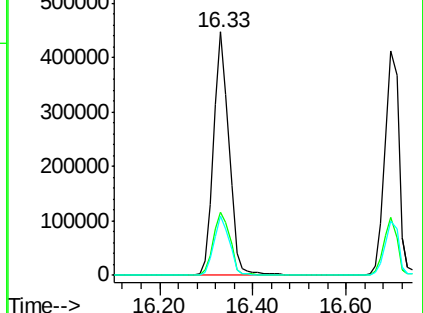
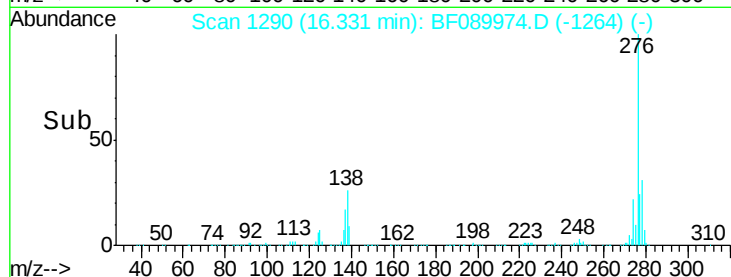
Ion	Ratio	Lower	Upper
276	100		
138	28.4	22.6	34.0
277	25.0	20.1	30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.10 min Scan# 1182

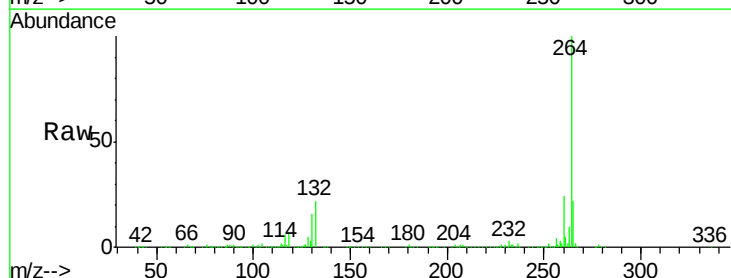
Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Tgt Ion:264 Resp: 438979

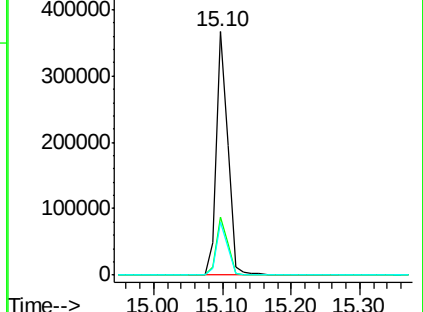
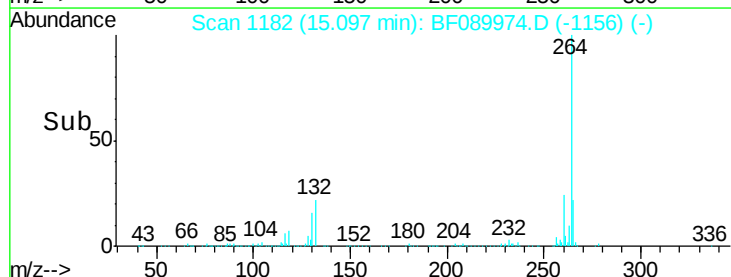
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	21.7	17.4	26.2

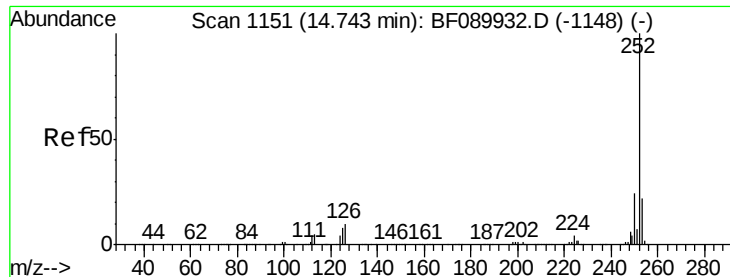


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 77.56 ng

RT: 14.77 min Scan# 1153

Delta R.T. 0.02 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Instrument :

BNA_F

ClientSampled :

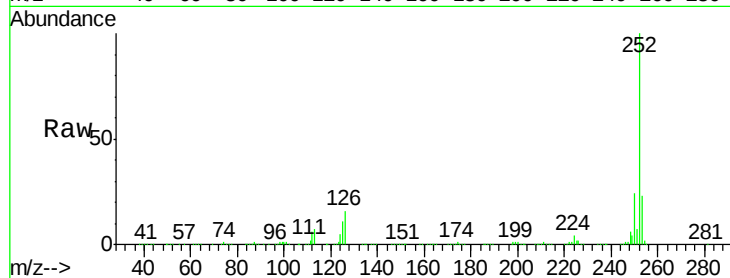
Tot Ion:252 Resp: 2132794

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

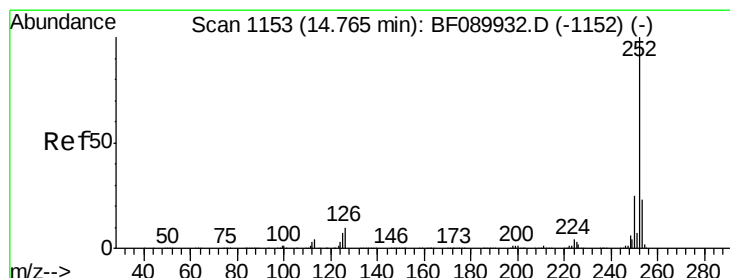
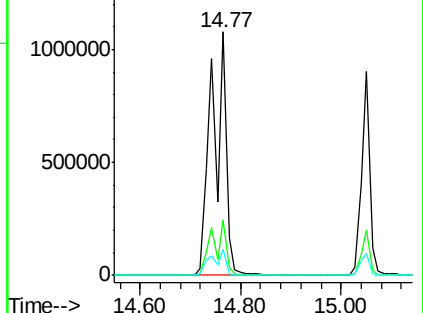
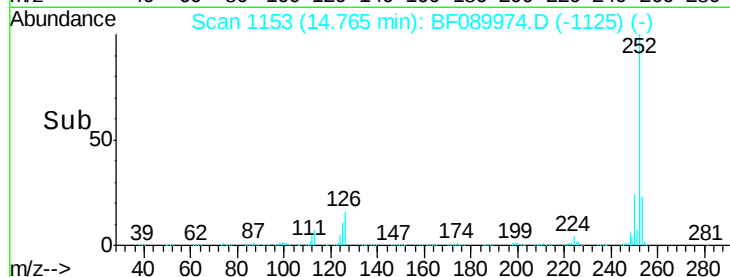
125 10.9 5.7 8.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 91.43 ng

RT: 14.77 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

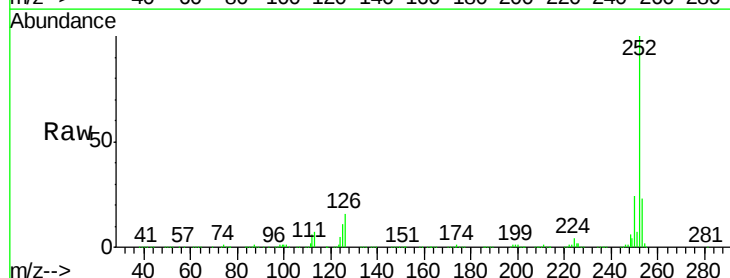
Tgt Ion:252 Resp: 2133514

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

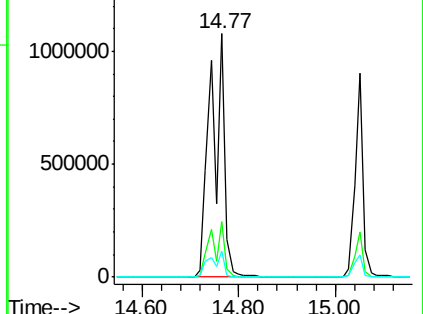
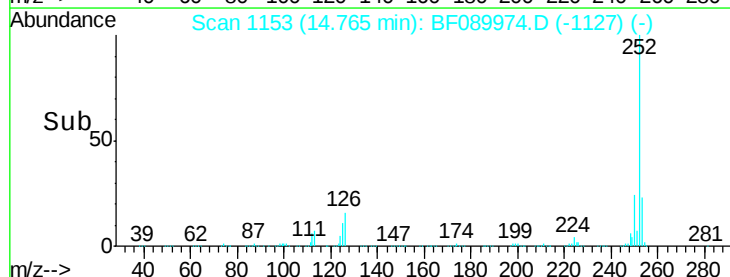
125 10.9 7.3 10.9

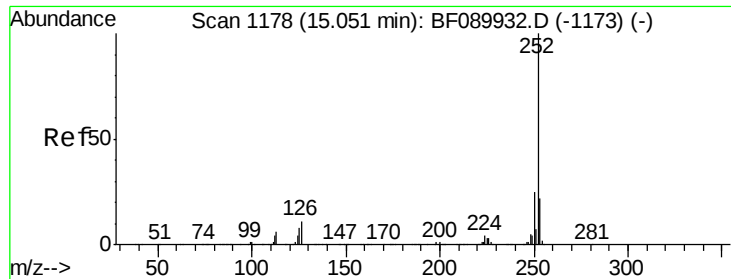


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

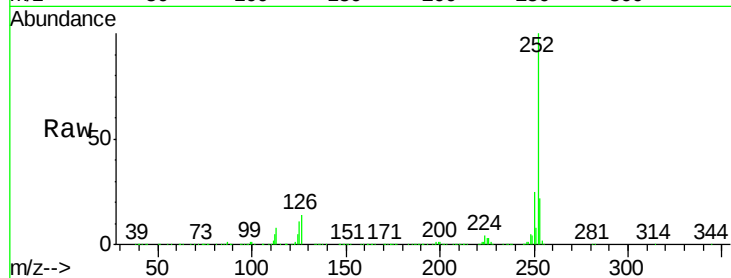




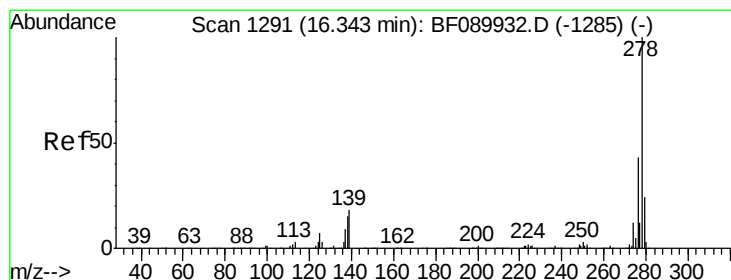
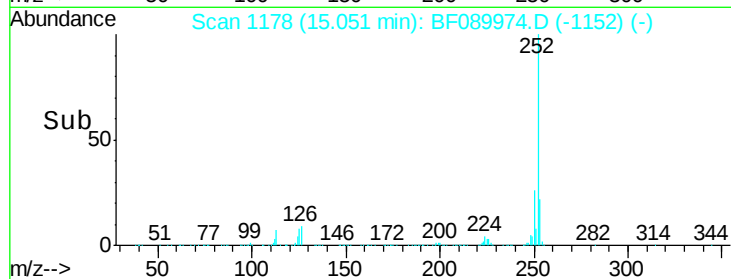
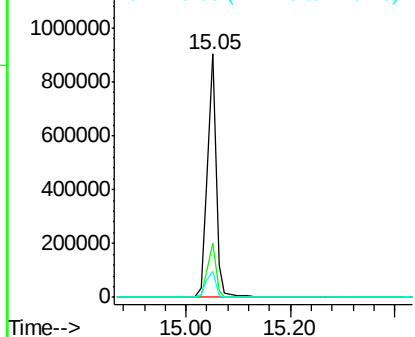
#89
Benzo(a)pyrene
Concen: 44.12 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1039416
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.6 6.3 9.5#

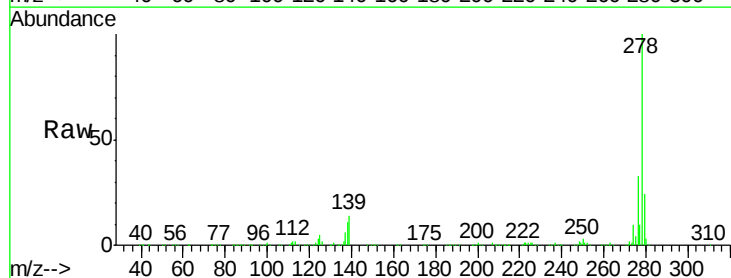


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

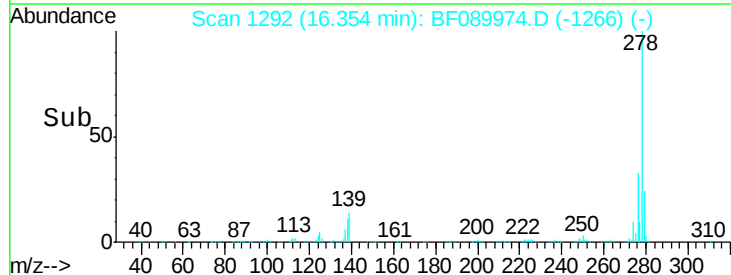
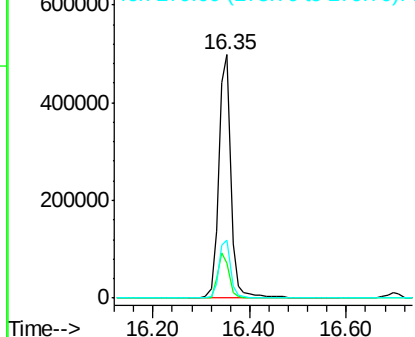


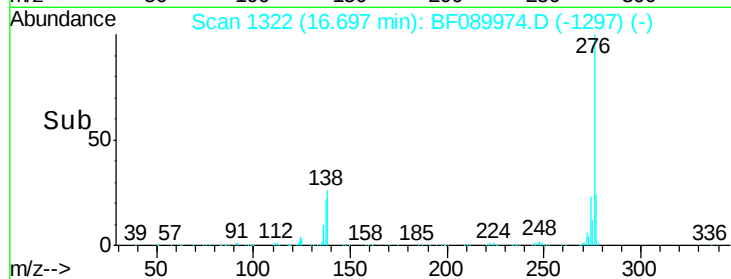
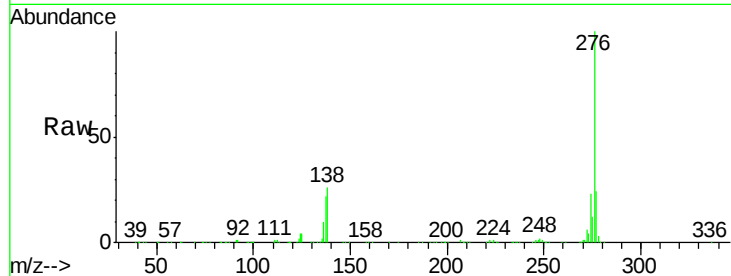
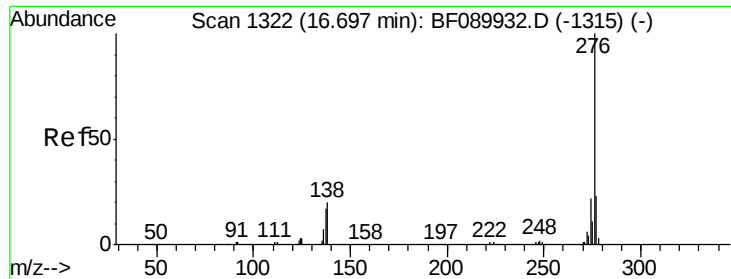
#90
Dibenzo(a,h)anthracene
Concen: 51.39 ng
RT: 16.35 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Tgt Ion:278 Resp: 887200
Ion Ratio Lower Upper
278 100
139 14.4 13.4 20.2
279 24.0 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 49.70 ng

RT: 16.70 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 863703

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 25.7 16.4 24.6#

