

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090216\
 Data File : BF089979.D
 Acq On : 2 Sep 2016 17:11
 Operator : UM/SJ
 Sample : H4675-03MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 02 18:41:35 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	192060	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	756112	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	364019	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	669354	20.00	ng	0.00
75) Chrysene-d12	13.76	240	421670	20.00	ng	0.00
86) Perylene-d12	15.10	264	430735	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1349259	112.45	ng	0.01
7) Phenol-d6	6.28	99	1786669	122.54	ng	0.00
23) Nitrobenzene-d5	7.21	82	1032508	79.20	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	388001	108.04	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1817506	81.96	ng	0.00
78) Terphenyl-d14	12.72	244	1409920	82.60	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.15	88	201032	35.36	ng	99
3) Pyridine	2.81	79	117571	7.75	ng	96
4) n-Nitrosodimethylamine	2.74	42	330966	44.25	ng	92
6) Aniline	6.30	93	495036	24.88	ng	# 70
8) 2-Chlorophenol	6.42	128	532567	40.91	ng	91
9) Benzaldehyde	6.17	77	106837	11.36	ng	90
10) Phenol	6.31	94	634124	37.40	ng	# 75
11) bis(2-Chloroethyl)ether	6.39	93	578184	45.06	ng	89
12) 1,3-Dichlorobenzene	6.58	146	615121	42.31	ng	99
13) 1,4-Dichlorobenzene	6.58	146	615121	41.35	ng	93
14) 1,2-Dichlorobenzene	6.81	146	585889	43.93	ng	99
15) Benzyl Alcohol	6.79	79	396033	43.36	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1057090	43.21	ng	98
17) 2-Methylphenol	6.91	107	476407	45.83	ng	99
18) Hexachloroethane	7.15	117	211197	41.45	ng	98
19) n-Nitroso-di-n-propylamine	7.07	70	405025	42.63	ng	94
20) 3+4-Methylphenols	7.06	107	545084	43.26	ng	# 86
22) Acetophenone	7.06	105	683249	40.28	ng	100
24) Nitrobenzene	7.23	77	571838	41.26	ng	# 71
25) Isophorone	7.47	82	1059484	39.96	ng	100
26) 2-Nitrophenol	7.54	139	278084	41.97	ng	98
27) 2,4-Dimethylphenol	7.60	122	547879	44.70	ng	95
28) bis(2-Chloroethoxy)methane	7.69	93	709152	44.35	ng	99
29) 2,4-Dichlorophenol	7.79	162	476263	43.35	ng	89
30) 1,2,4-Trichlorobenzene	7.87	180	525483	43.74	ng	98
31) Naphthalene	7.94	128	1507766	40.03	ng	100
32) Benzoic acid	7.71	122	208832	25.29	ng	93
33) 4-Chloroaniline	8.00	127	463285	30.48	ng	99
34) Hexachlorobutadiene	8.07	225	277197	39.38	ng	99
35) Caprolactam	8.38	113	114464	33.01	ng	# 74
36) 4-Chloro-3-methylphenol	8.49	107	473095	40.66	ng	85
37) 2-Methylnaphthalene	8.64	142	1122687	45.10	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	378221	35.47	ng	100
40) Hexachlorocyclopentadiene	8.80	237	367899	67.28	ng	98

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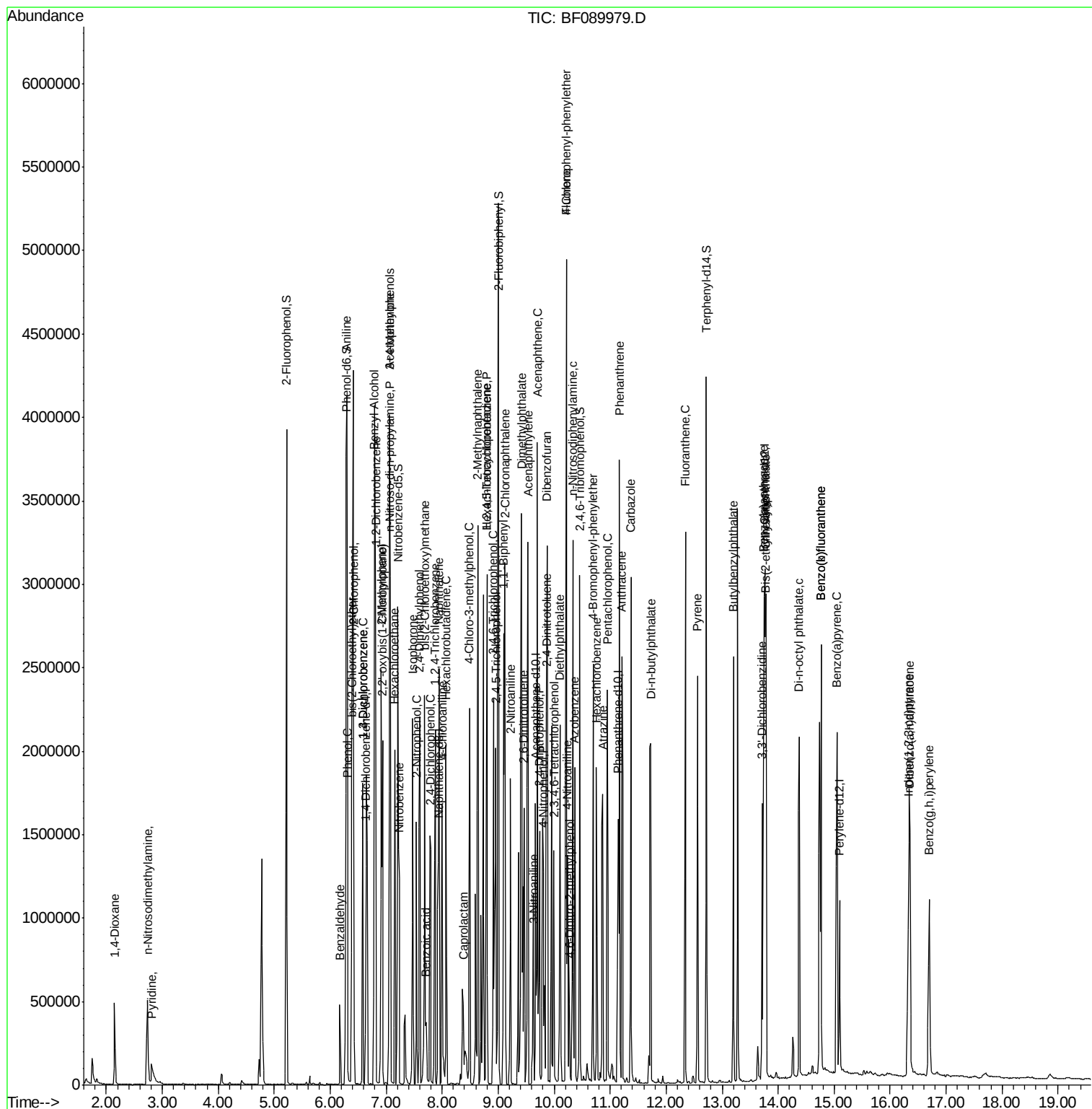
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	325168	44.00	nq	99
43) 2,4,5-Trichlorophenol	8.96	196	331474	46.64	nq	95
45) 1,1'-Biphenyl	9.10	154	1044595	35.64	nq	100
46) 2-Chloronaphthalene	9.12	162	881486	42.52	nq	99
47) 2-Nitroaniline	9.22	65	351098	51.80	nq	# 73
48) Acenaphthylene	9.53	152	1402939	40.92	nq	99
49) Dimethylphthalate	9.42	163	1953697	74.26	nq	99
50) 2,6-Dinitrotoluene	9.46	165	249264	42.60	nq	91
51) Acenaphthene	9.70	154	974213	44.85	nq	99
52) 3-Nitroaniline	9.63	138	245206	36.74	nq	# 62
53) 2,4-Dinitrophenol	9.74	184	222433	62.14	nq	# 72
54) Dibenzofuran	9.87	168	1252987	43.05	nq	99
55) 4-Nitrophenol	9.80	139	448590	89.11	nq	96
56) 2,4-Dinitrotoluene	9.86	165	297563	40.10	nq	# 85
57) Fluorene	10.22	166	964325	45.34	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.00	232	286889	47.15	nq	95
59) Diethylphthalate	10.10	149	1092338	44.13	nq	99
60) 4-Chlorophenyl-phenylether	10.22	204	457665	45.73	nq	97
61) 4-Nitroaniline	10.24	138	265959	40.56	nq	91
62) Azobenzene	10.36	77	1116964	45.18	nq	99
64) 4,6-Dinitro-2-methylphenol	10.27	198	161289	37.64	nq	# 49
65) n-Nitrosodiphenylamine	10.33	169	833405	41.41	nq	99
66) 4-Bromophenyl-phenylether	10.70	248	294787	43.75	nq	98
67) Hexachlorobenzene	10.75	284	313662	40.75	nq	96
68) Atrazine	10.87	200	328805	48.94	nq	94
69) Pentachlorophenol	10.95	266	338788	81.81	nq	98
70) Phenanthrene	11.17	178	1351903	40.56	nq	100
71) Anthracene	11.21	178	1415295	41.86	nq	99
72) Carbazole	11.37	167	1194743	37.69	nq	100
73) Di-n-butylphthalate	11.73	149	1652445	44.72	nq	# 97
74) Fluoranthene	12.34	202	1415994	40.54	nq	98
77) Pyrene	12.56	202	1336054	44.94	nq	99
79) Butylbenzylphthalate	13.20	149	584428	48.74	nq	98
80) Benzo(a)anthracene	13.75	228	1129567	43.74	nq	99
81) 3,3'-Dichlorobenzidine	13.71	252	341035	36.58	nq	99
82) Chrysene	13.78	228	1055605	43.76	nq	100
83) Bis(2-ethylhexyl)phthalate	13.77	149	819739	49.43	nq	100
84) Di-n-octyl phthalate	14.38	149	1335883	49.91	nq	99
85) Indeno(1,2,3-cd)pyrene	16.33	276	1068787	59.92	nq	99
87) Benzo(b)fluoranthene	14.77	252	2050355	75.98	nq	# 97
88) Benzo(k)fluoranthene	14.77	252	2050355	89.54	nq	99
89) Benzo(a)pyrene	15.05	252	1015195	43.91	nq	# 97
90) Dibenzo(a,h)anthracene	16.35	278	902763	53.29	nq	99
91) Benzo(g,h,i)perylene	16.70	276	874453	51.29	nq	# 93

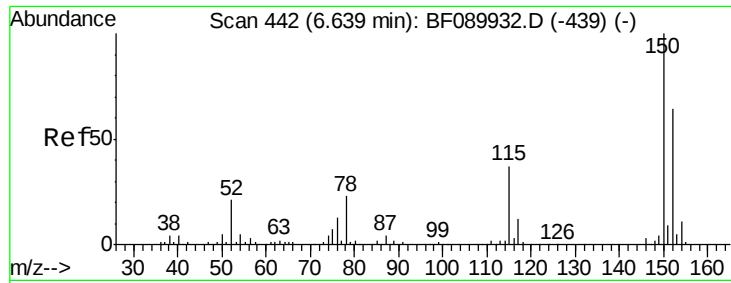
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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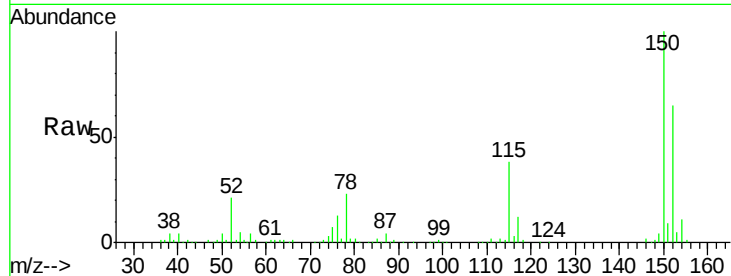


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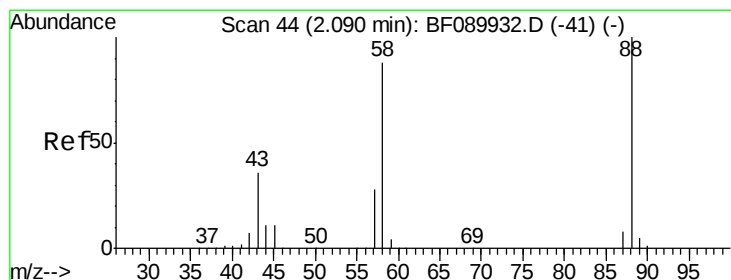
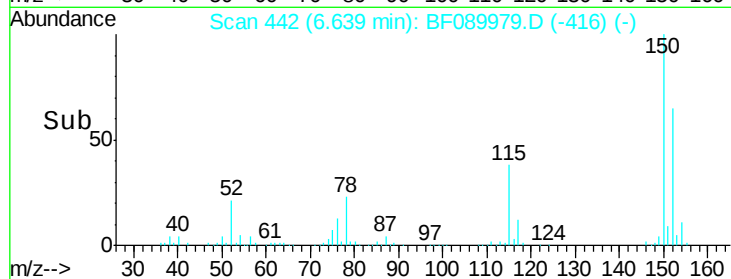
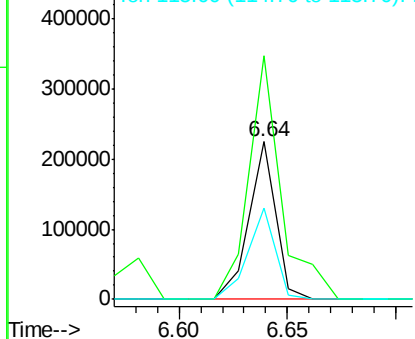
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 192060
Ion Ratio Lower Upper
152 100
150 154.4 127.4 191.2
115 57.9 46.3 69.5



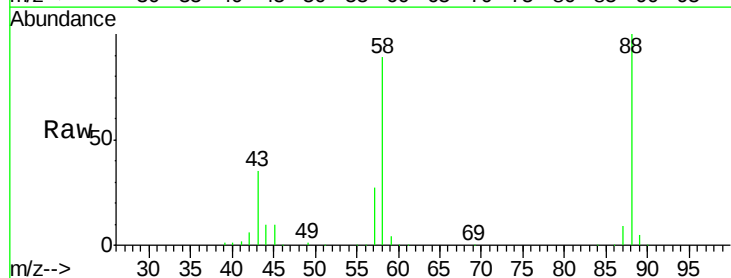
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



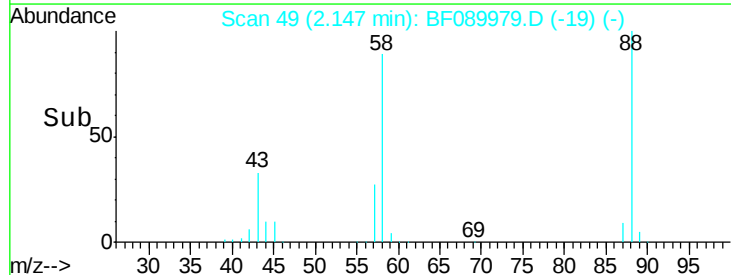
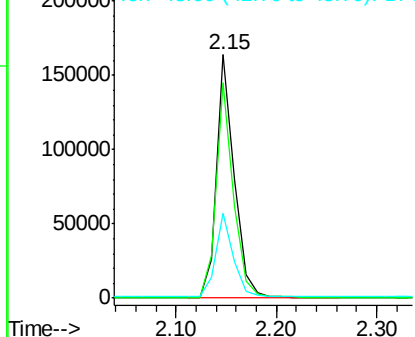
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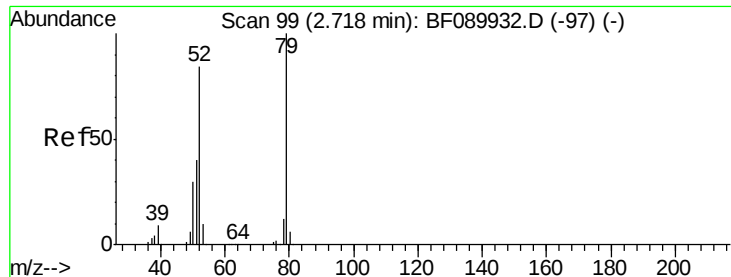
1,4-Dioxane
Concen: 35.36 ng
RT: 2.15 min Scan# 49
Delta R.T. 0.05 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Tgt Ion: 88 Resp: 201032
Ion Ratio Lower Upper
88 100
58 87.3 68.8 103.2
43 34.4 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

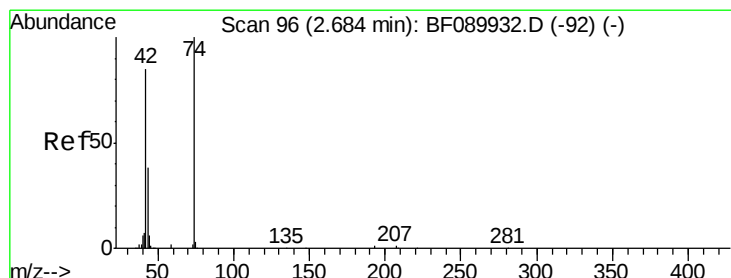
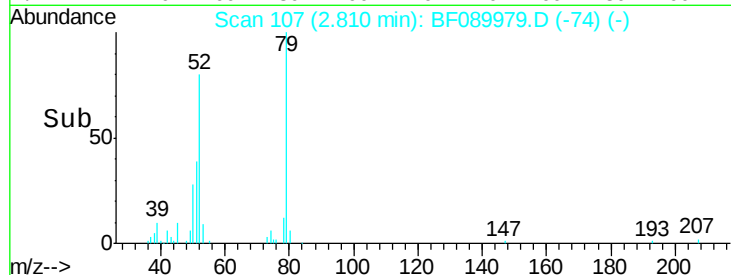
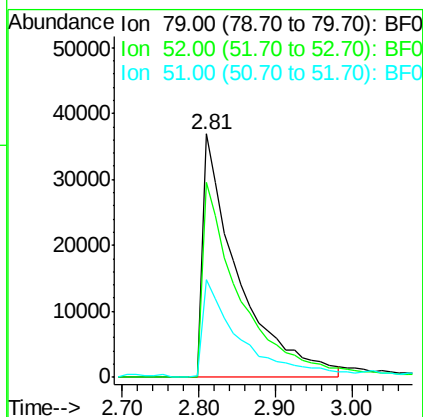
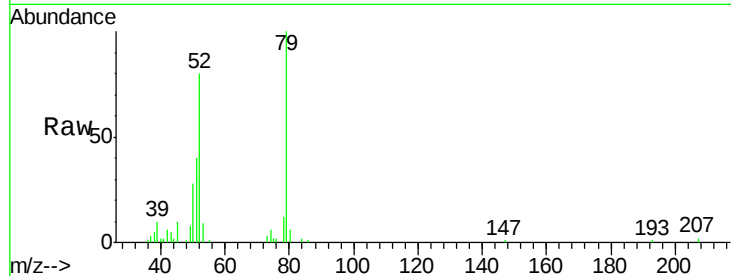




#3
 Pvridine
 Concen: 7.75 ng
 RT: 2.81 min Scan# 107
 Delta R.T. 0.08 min
 Lab File: BF089979.D
 Acq: 2 Sep 2016 17:11

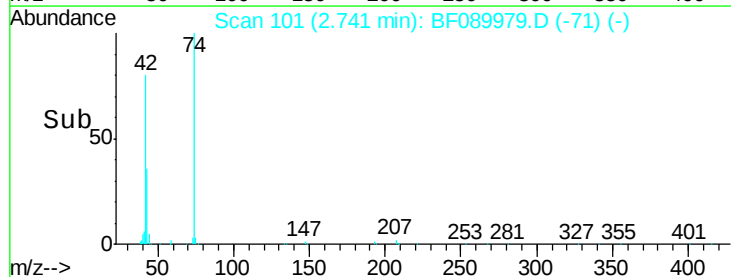
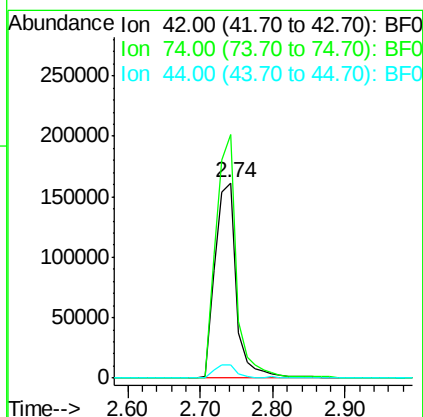
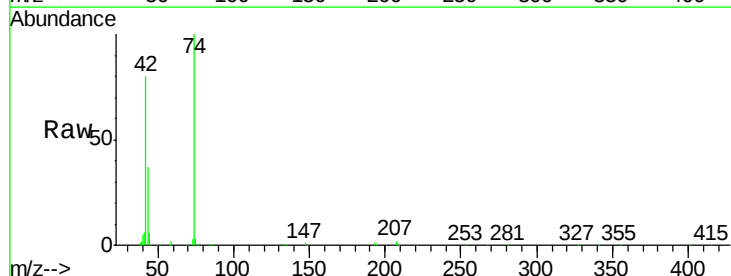
Instrument :
 BNA_F
 ClientSampled :

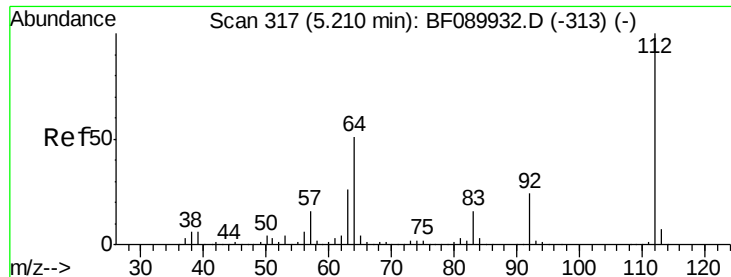
Tot Ion: 79 Resp: 117571
 Ion Ratio Lower Upper
 79 100
 52 79.9 67.8 101.6
 51 40.4 32.9 49.3



#4
 n-Nitrosodimethylamine
 Concen: 44.25 ng
 RT: 2.74 min Scan# 101
 Delta R.T. 0.05 min
 Lab File: BF089979.D
 Acq: 2 Sep 2016 17:11

Tgt Ion: 42 Resp: 330966
 Ion Ratio Lower Upper
 42 100
 74 124.6 92.0 138.0
 44 7.0 5.8 8.8





#5

2-Fluorophenol

Concen: 112.45 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.01 min

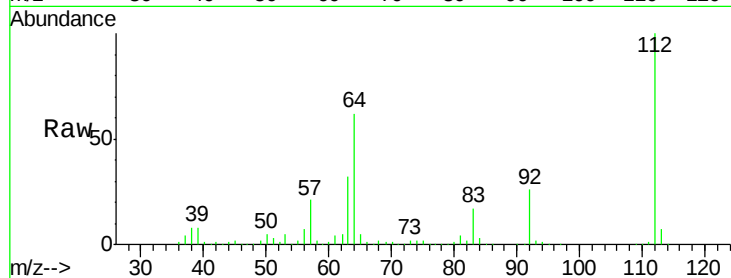
Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:112 Resp: 1349259

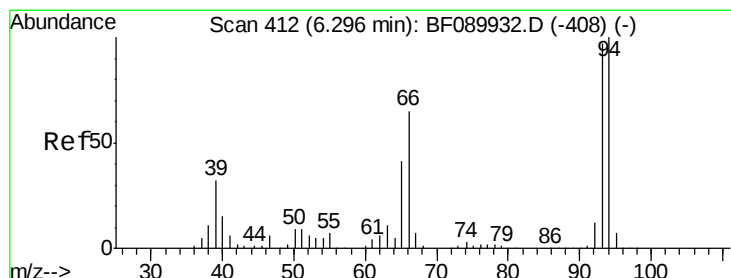
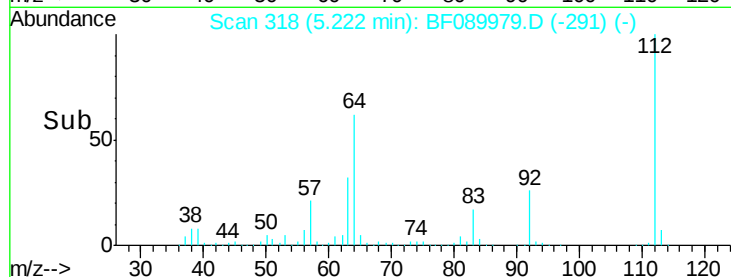
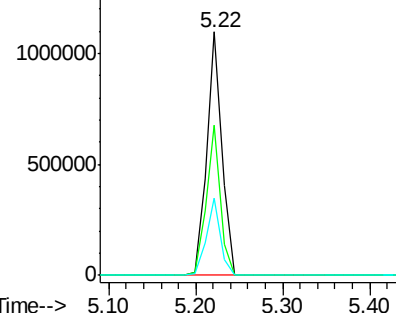
Ion	Ratio	Lower	Upper
112	100		
64	61.6	41.1	61.7
63	31.8	21.2	31.8#



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: 24.88 ng

RT: 6.30 min Scan# 412

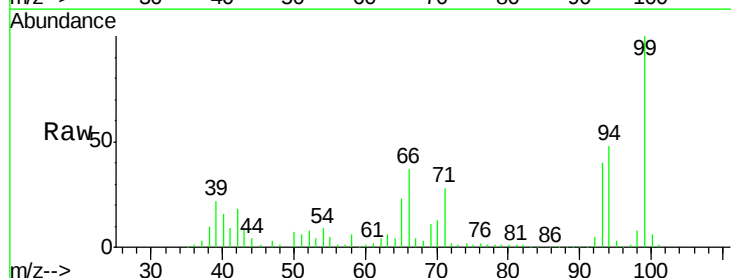
Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Tgt Ion: 93 Resp: 495036

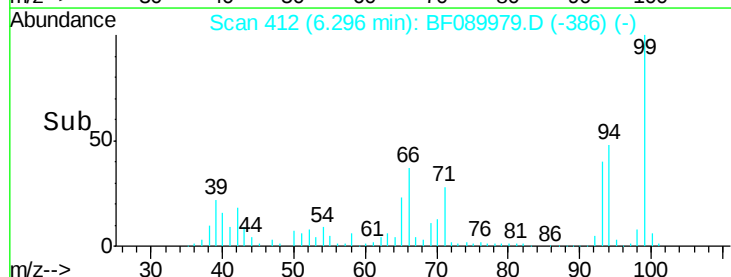
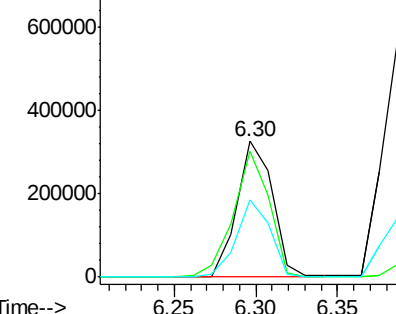
Ion	Ratio	Lower	Upper
93	100		
66	92.9	52.9	79.3#
65	56.9	33.0	49.6#

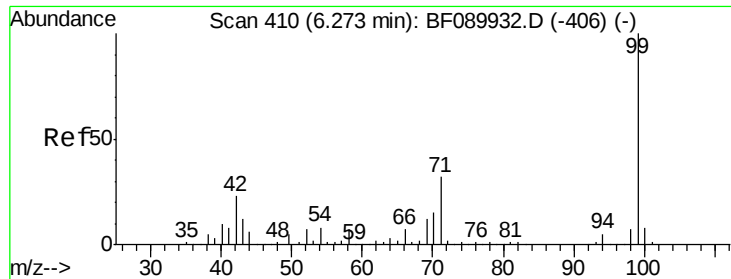


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 122.54 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Instrument :

BNA_F

ClientSampled :

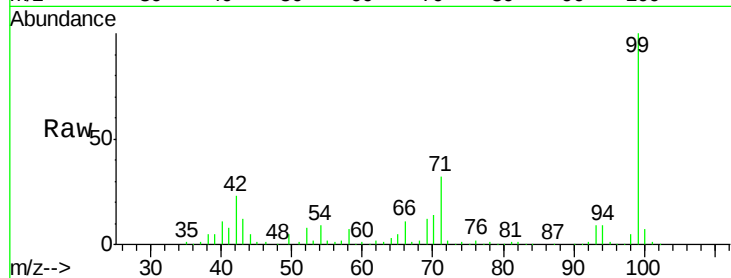
Tot Ion: 99 Resp: 1786669

Ion Ratio Lower Upper

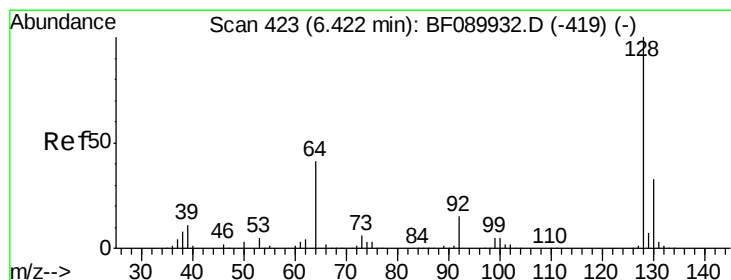
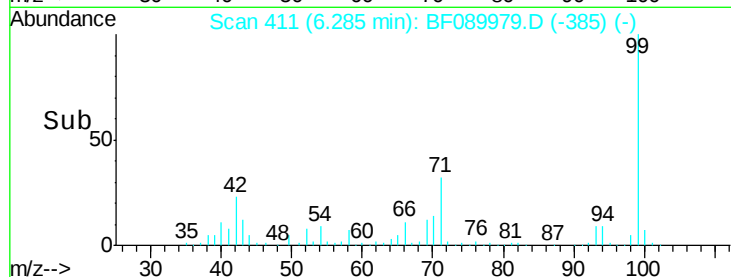
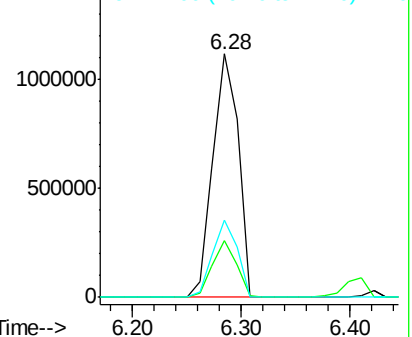
99 100

42 23.2 18.6 27.8

71 31.9 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: 40.91 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

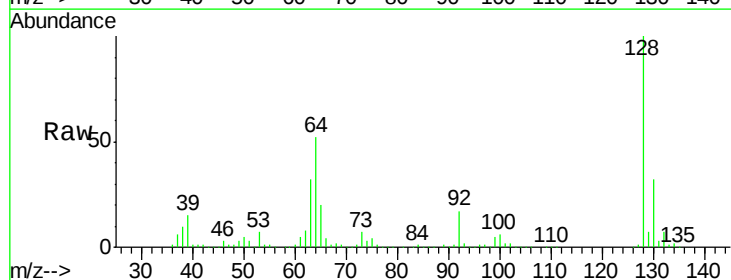
Tgt Ion:128 Resp: 532567

Ion Ratio Lower Upper

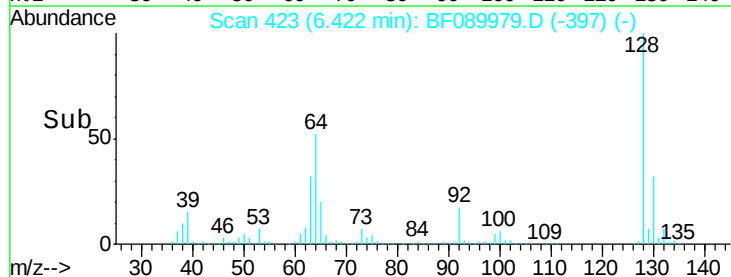
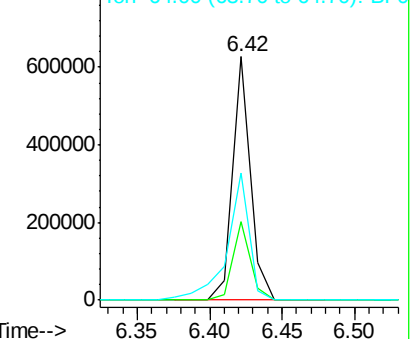
128 100

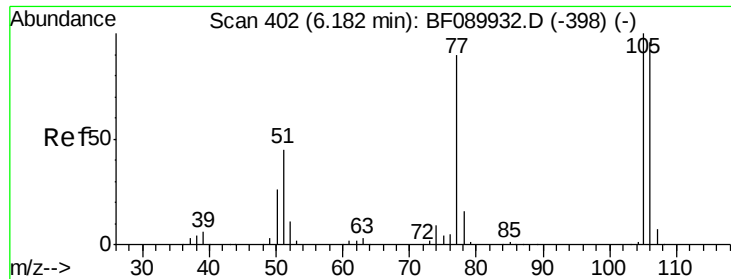
130 32.3 12.8 52.8

64 52.4 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: 11.36 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Instrument :

BNA_F

ClientSampled :

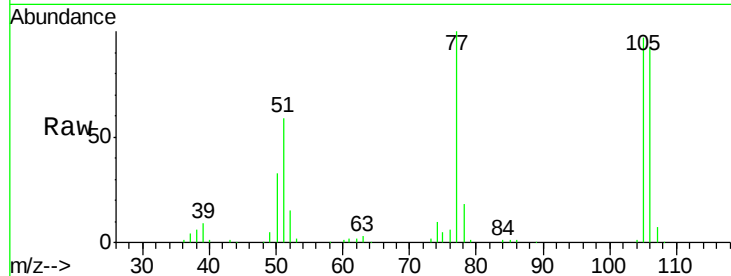
Tot Ion: 77 Resp: 106837

Ion Ratio Lower Upper

77 100

105 96.8 85.4 125.4

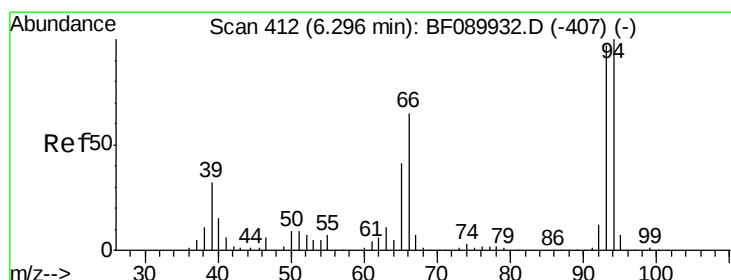
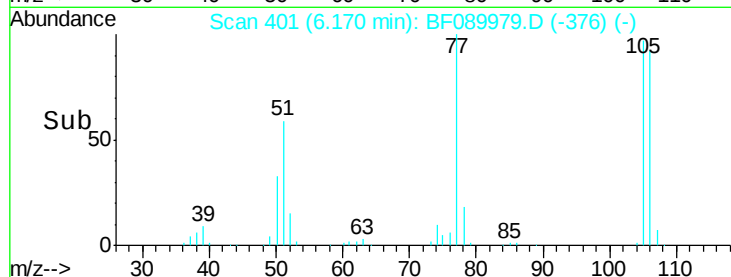
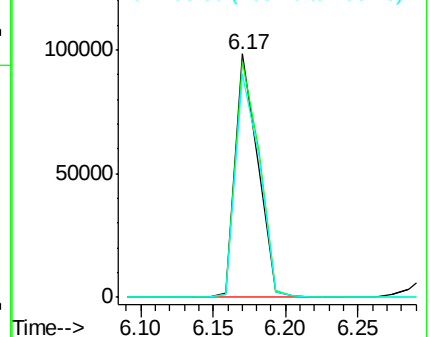
106 91.8 83.4 123.4



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: 37.40 ng

RT: 6.31 min Scan# 413

Delta R.T. 0.01 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

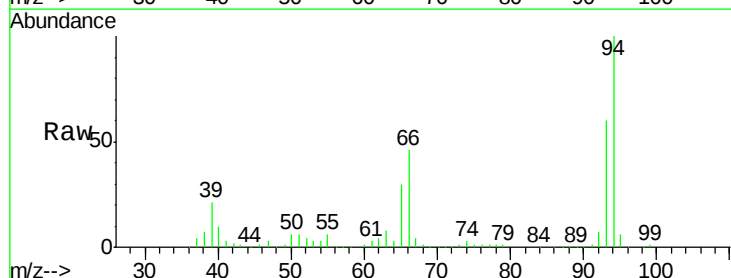
Tgt Ion: 94 Resp: 634124

Ion Ratio Lower Upper

94 100

65 30.4 23.2 63.2

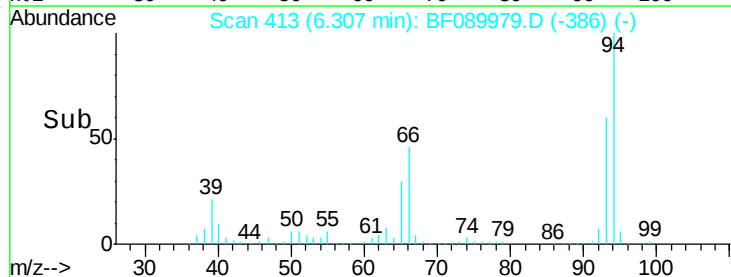
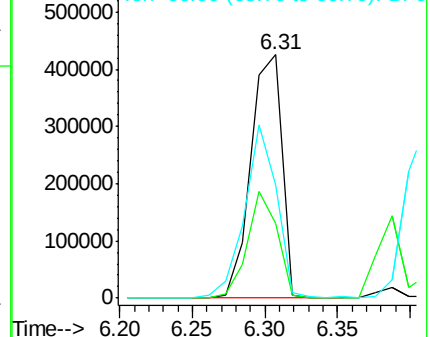
66 46.2 49.2 89.2#

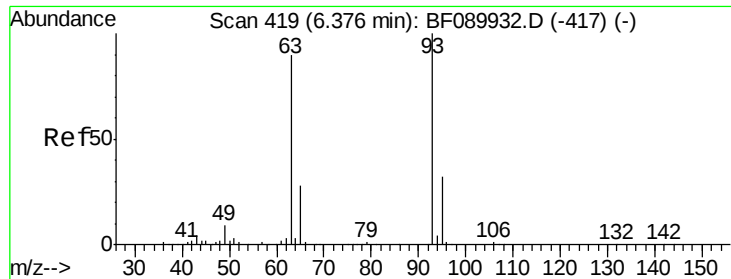


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

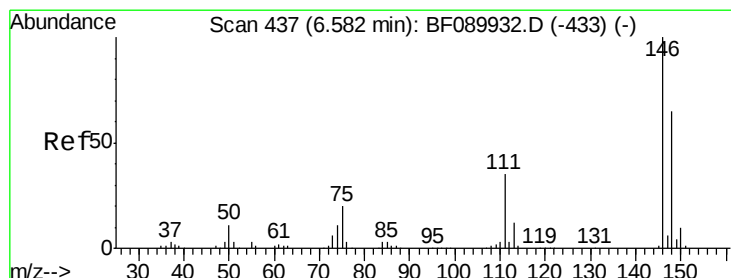
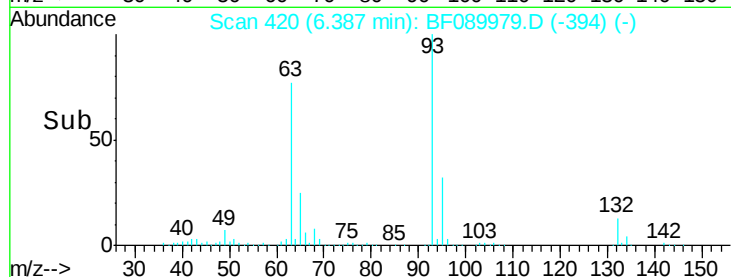
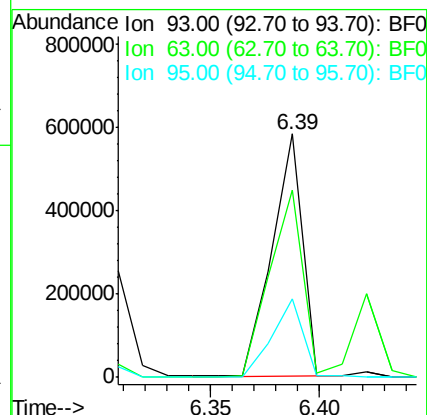
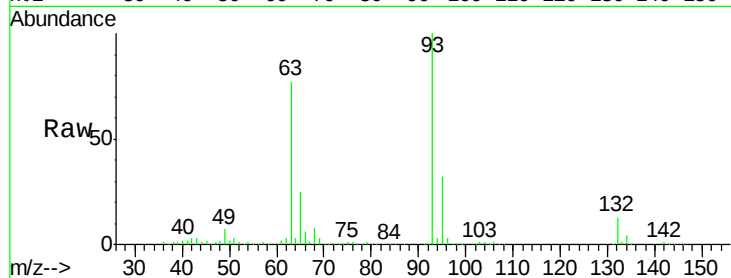




#11
bis(2-Chloroethyl)ether
Concen: 45.06 ng
RT: 6.39 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

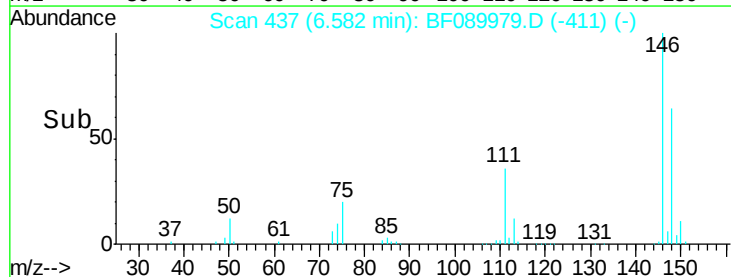
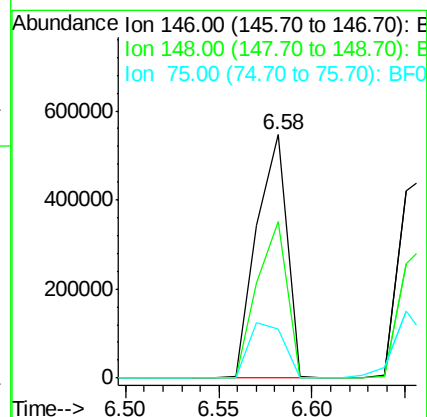
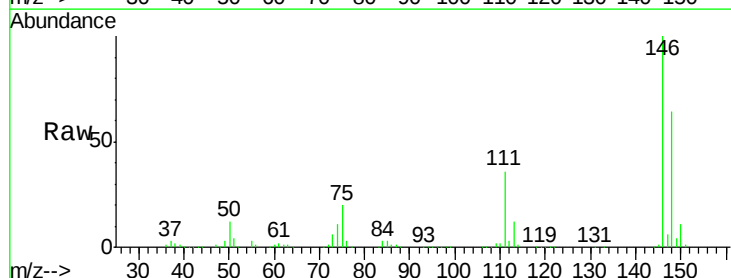
Instrument :
BNA_F
ClientSampleId :

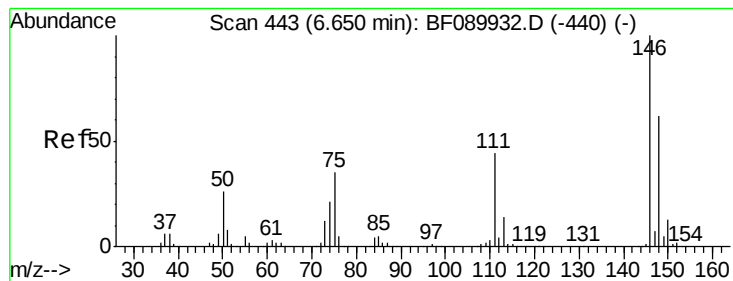
Tot Ion: 93 Resp: 578184
Ion Ratio Lower Upper
93 100
63 76.8 71.1 111.1
95 32.4 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 42.31 ng
RT: 6.58 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Tgt Ion: 146 Resp: 615121
Ion Ratio Lower Upper
146 100
148 64.5 52.5 78.7
75 20.4 16.6 24.8





#13

1,4-Dichlorobenzene

Concen: 41.35 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.08 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Instrument :

BNA_F

ClientSampleId :

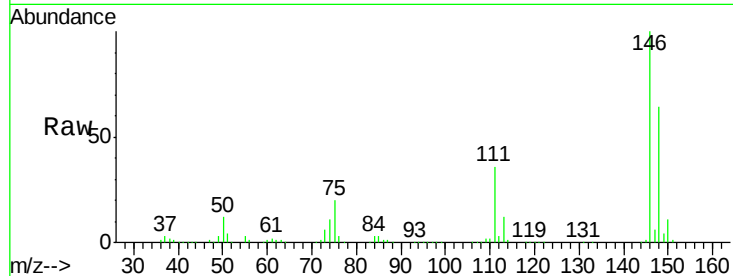
Tot Ion:146 Resp: 615121

Ion Ratio Lower Upper

146 100

148 64.5 50.1 75.1

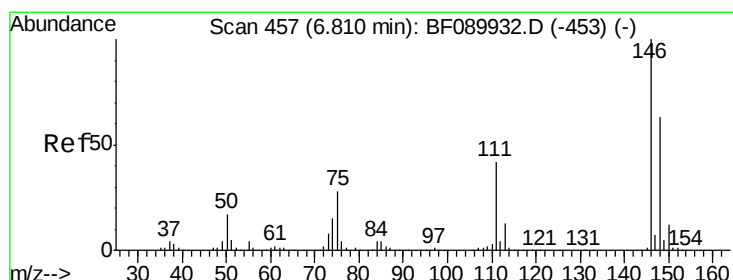
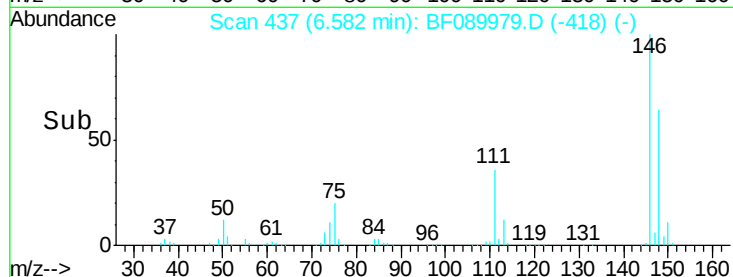
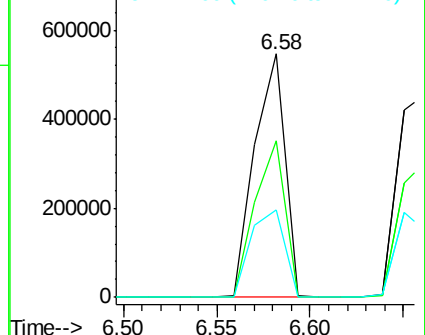
111 35.9 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.93 ng

RT: 6.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

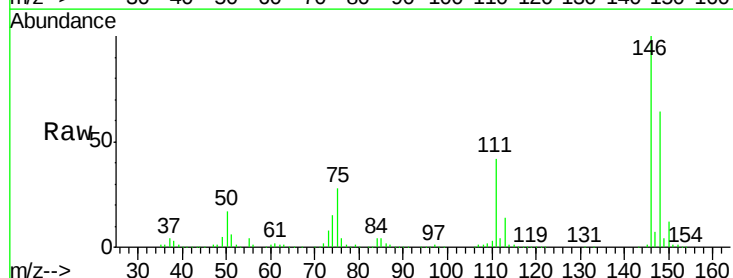
Tgt Ion:146 Resp: 585889

Ion Ratio Lower Upper

146 100

148 63.7 51.4 77.2

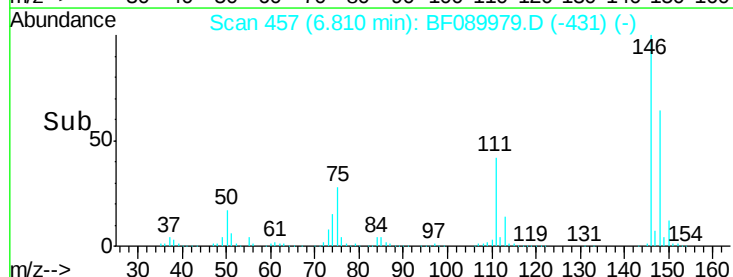
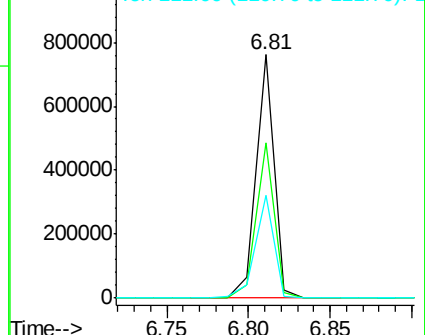
111 42.4 34.6 51.8

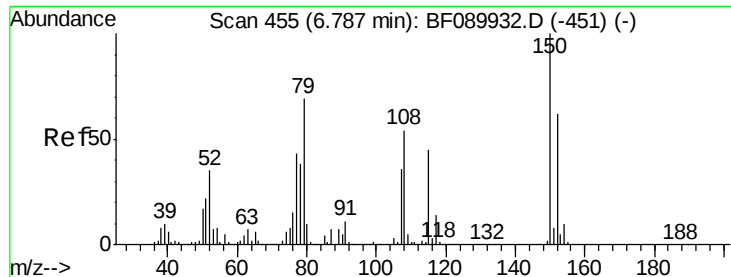


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.36 ng

RT: 6.79 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Instrument :

BNA_F

ClientSampled :

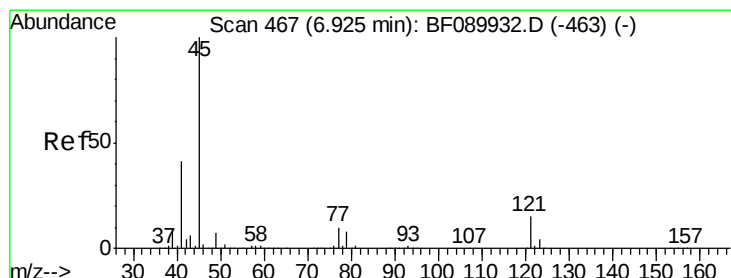
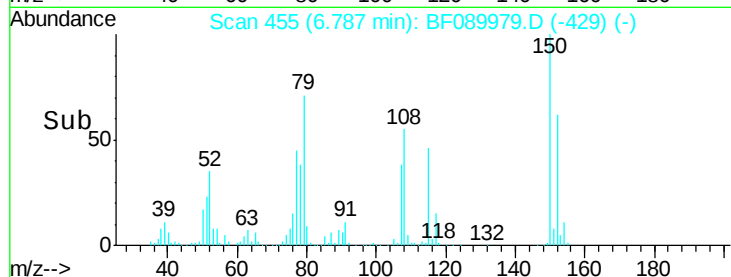
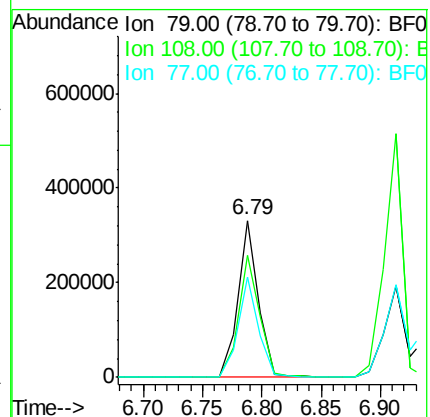
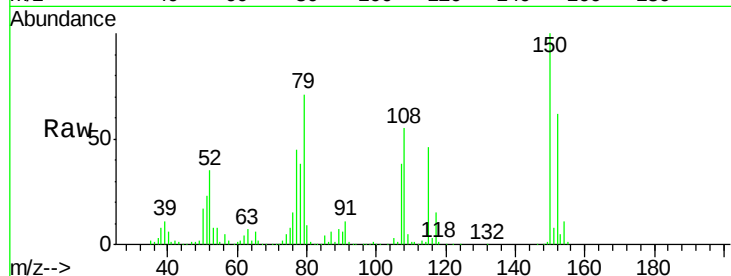
Tot Ion: 79 Resp: 396033

Ion Ratio Lower Upper

79 100

108 77.8 62.1 93.1

77 63.8 50.1 75.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.21 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

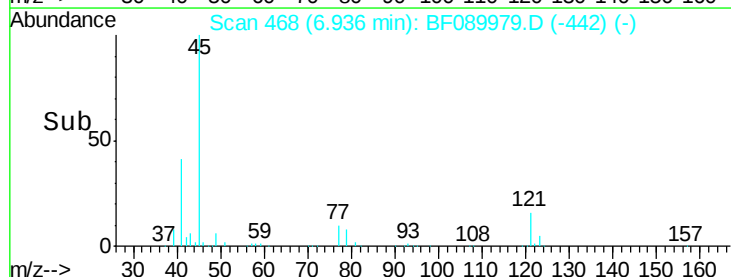
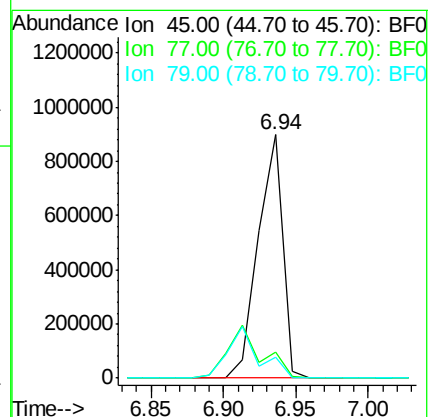
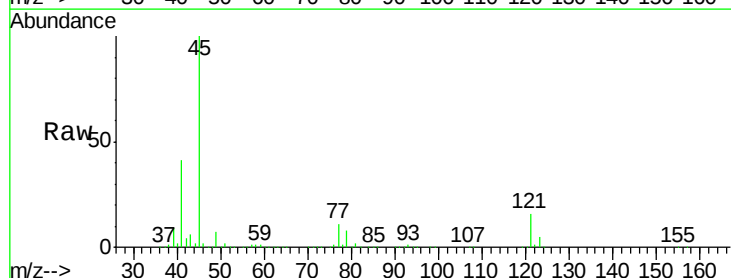
Tgt Ion: 45 Resp: 1057090

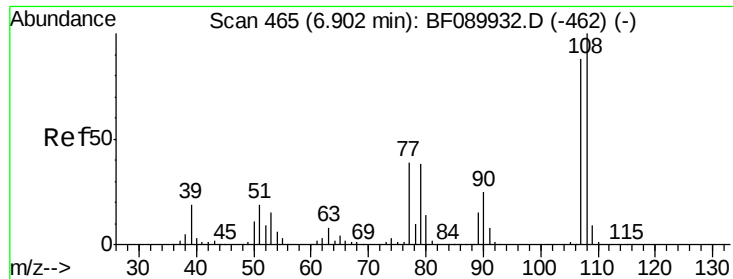
Ion Ratio Lower Upper

45 100

77 10.6 0.0 30.3

79 8.5 0.0 27.5

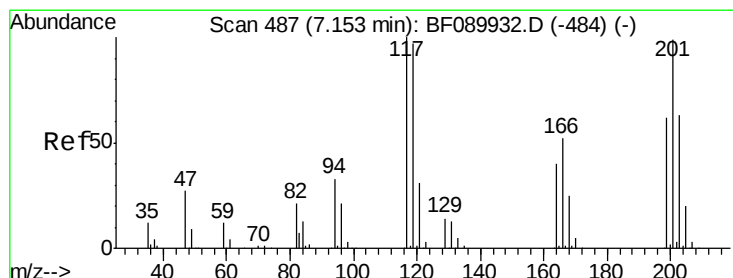
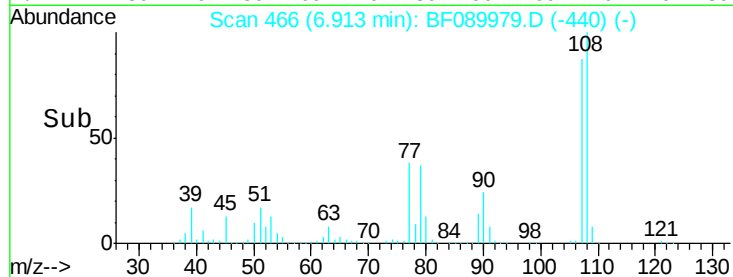
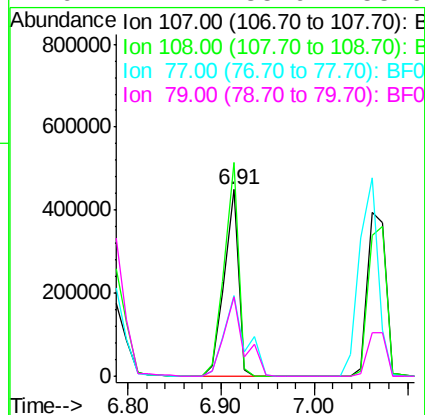
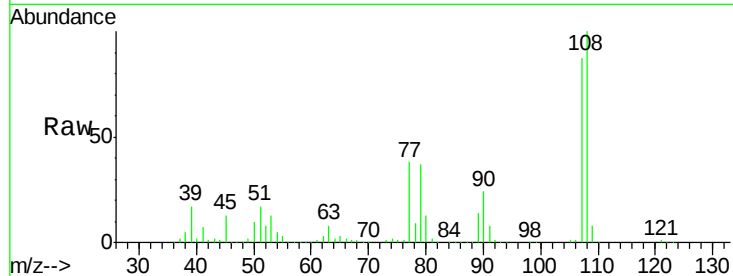




#17
2-Methylphenol
Concen: 45.83 ng
RT: 6.91 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

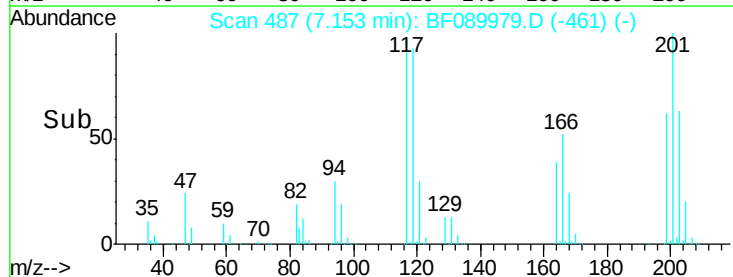
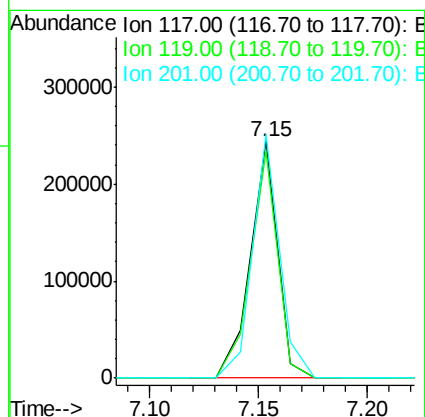
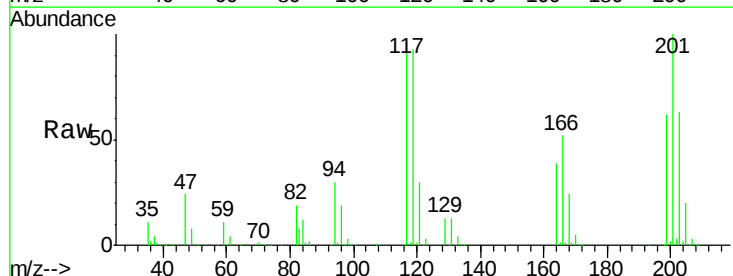
Instrument :
BNA_F
ClientSampleId :

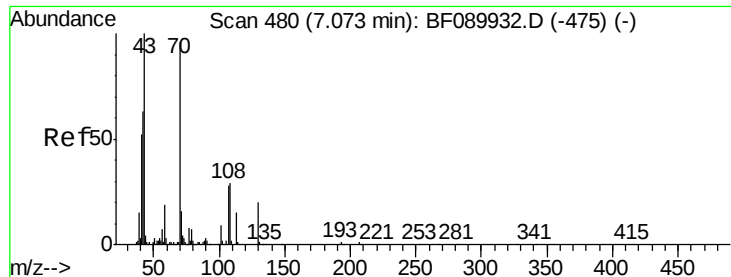
Tot Ion:107 Resp: 476407
Ion Ratio Lower Upper
107 100
108 114.5 91.8 137.6
77 43.4 36.0 54.0
79 42.7 35.9 53.9



#18
Hexachloroethane
Concen: 41.45 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Tgt Ion:117 Resp: 211197
Ion Ratio Lower Upper
117 100
119 95.9 76.2 114.2
201 102.8 80.2 120.2

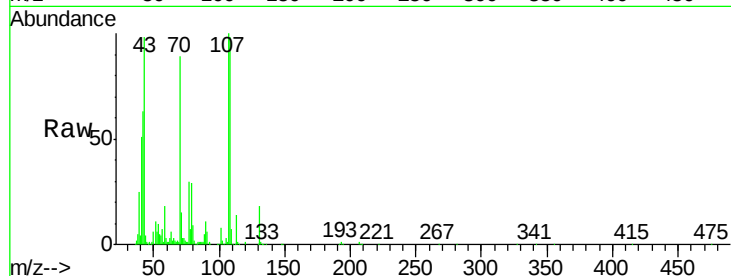




#19
n-Nitroso-di-n-propylamine
Concen: 42.63 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	71.1	52.1	78.1
101	9.2	7.4	11.2
130	20.3	17.0	25.4



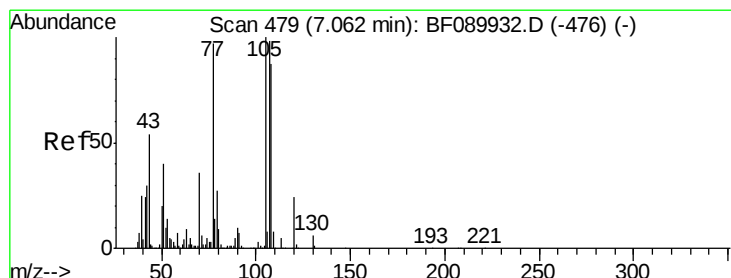
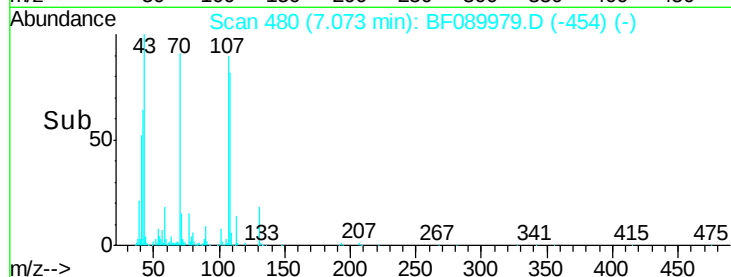
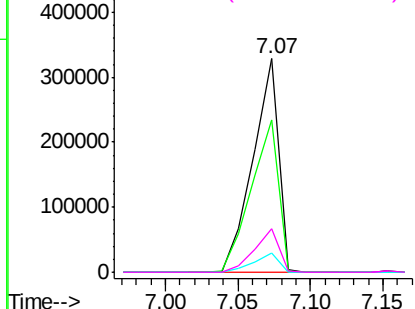
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

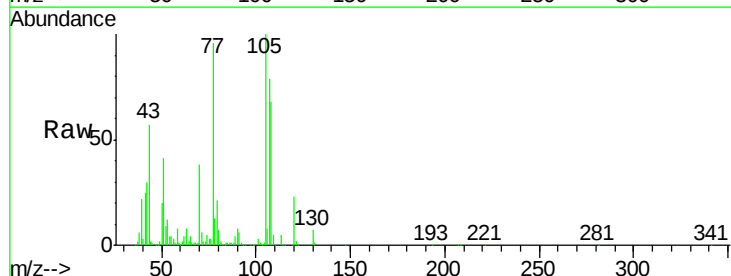
Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20
3+4-Methylphenols
Concen: 43.26 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.01 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.2	70.2	110.2
77	121.4	75.7	115.7#
79	26.3	7.0	47.0



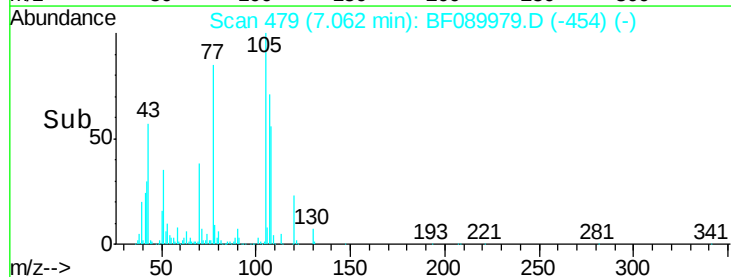
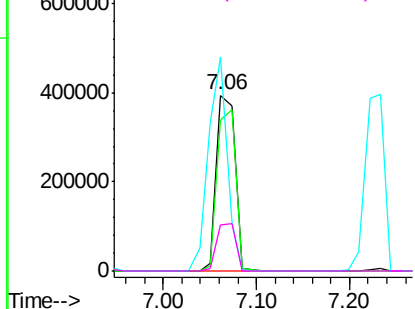
Abundance

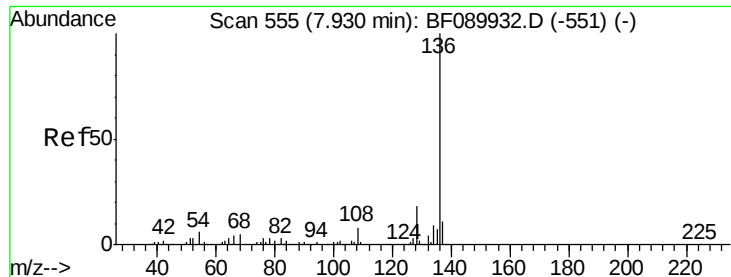
Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

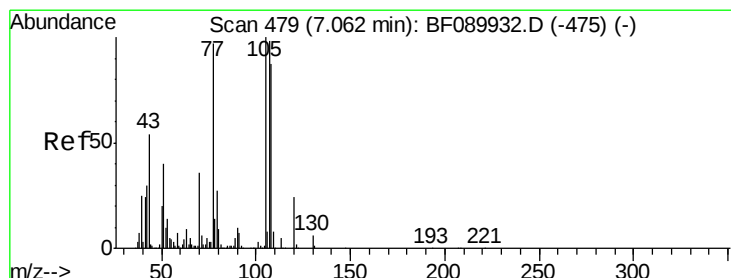
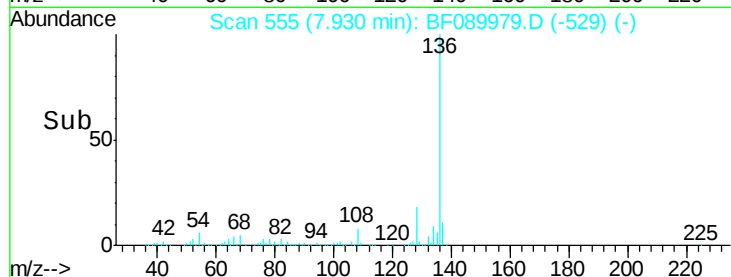
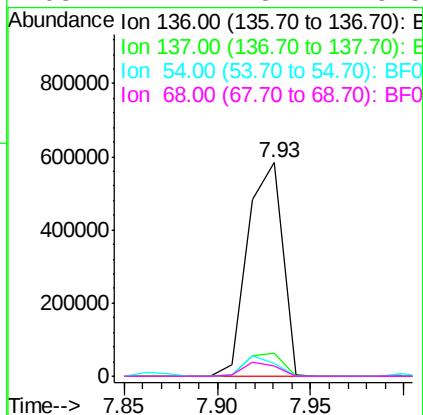
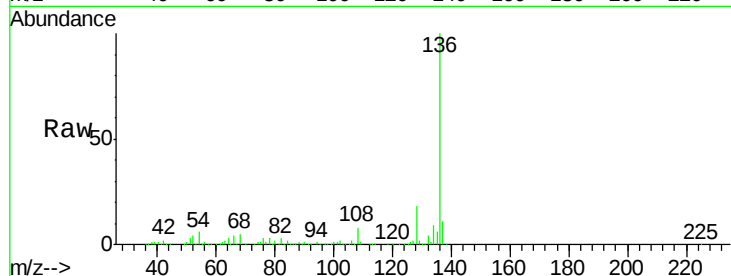




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

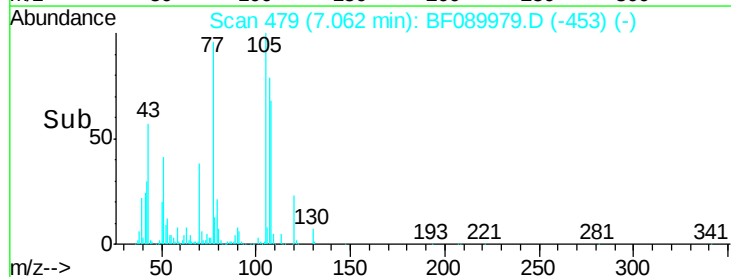
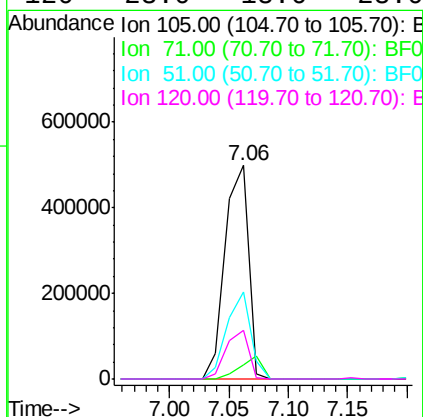
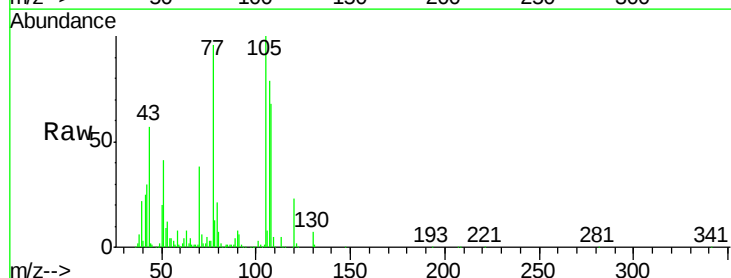
Instrument :
BNA_F
ClientSampleId :

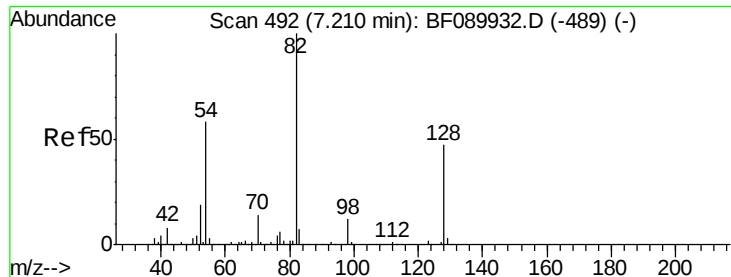
Tot Ion:136	Resp:	756112
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.3 12.5
54	6.1	4.8 7.2
68	4.7	3.7 5.5



#22
Acetophenone
Concen: 40.28 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Tgt Ion:105	Resp:	683249
Ion	Ratio	Lower Upper
105	100	
71	6.5	5.3 7.9
51	40.9	32.6 48.8
120	23.0	18.6 28.0

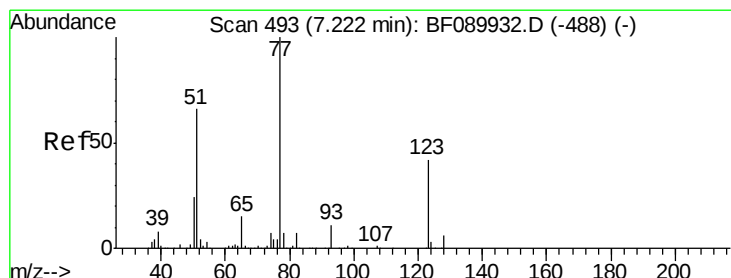
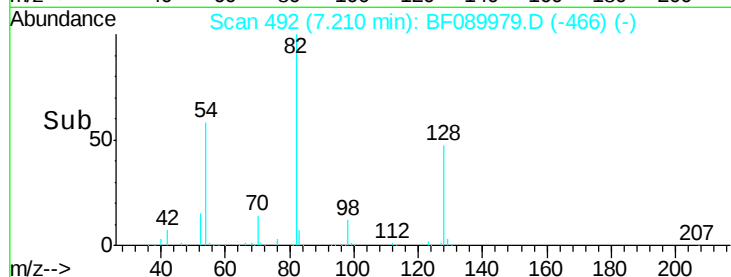
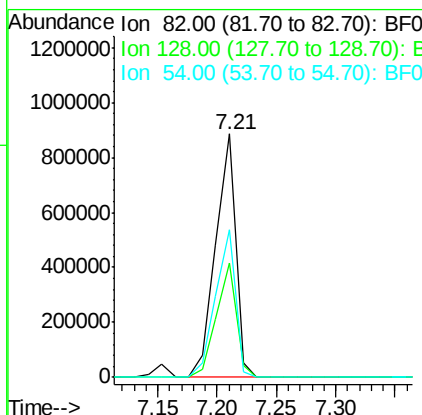
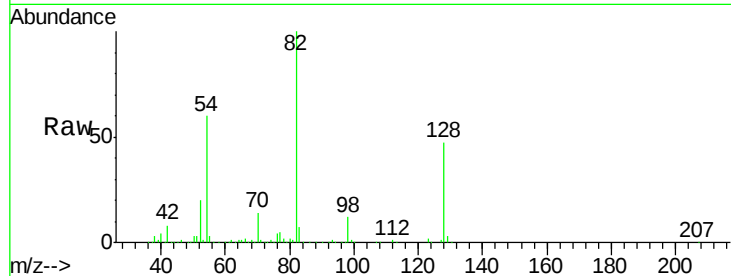




#23
 Nitrobenzene-d5
 Concen: 79.20 ng
 RT: 7.21 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BF089979.D
 Acq: 2 Sep 2016 17:11

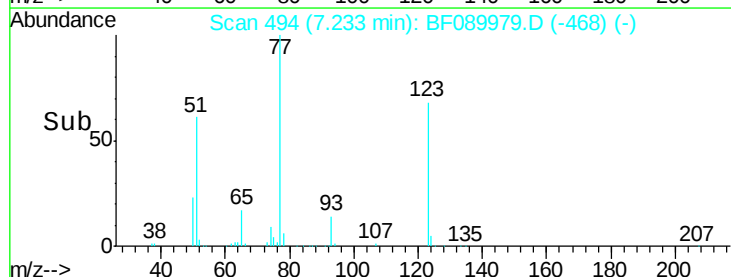
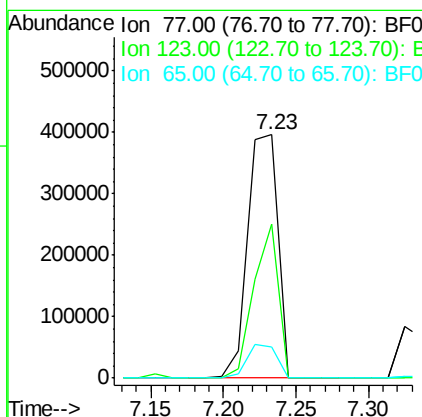
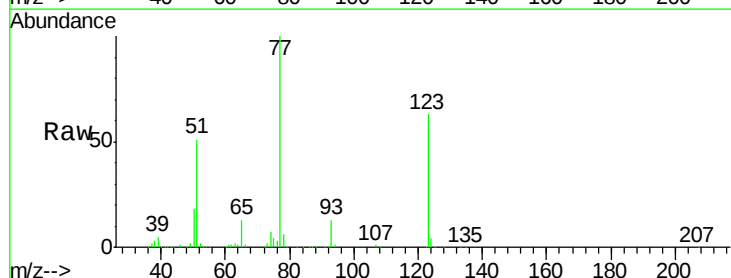
Instrument :
 BNA_F
 ClientSampled :

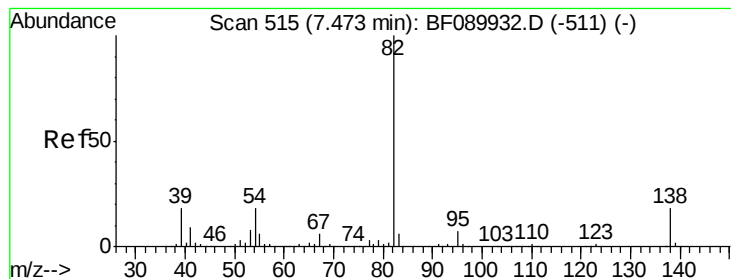
Tot Ion: 82 Resp: 1032508
 Ion Ratio Lower Upper
 82 100
 128 46.8 37.8 56.8
 54 60.4 46.9 70.3



#24
 Nitrobenzene
 Concen: 41.26 ng
 RT: 7.23 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: BF089979.D
 Acq: 2 Sep 2016 17:11

Tgt Ion: 77 Resp: 571838
 Ion Ratio Lower Upper
 77 100
 123 63.2 32.0 48.0#
 65 12.9 11.2 16.8





#25

Isophorone

Concen: 39.96 ng

RT: 7.47 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Instrument :

BNA_F

ClientSampleId :

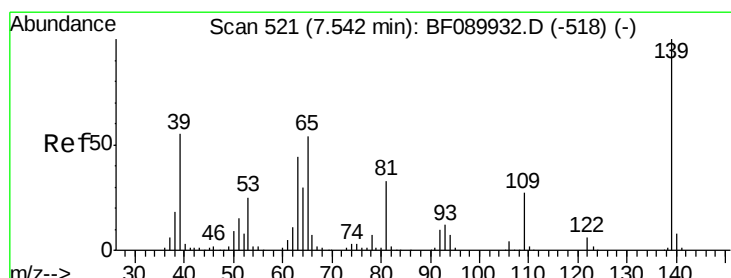
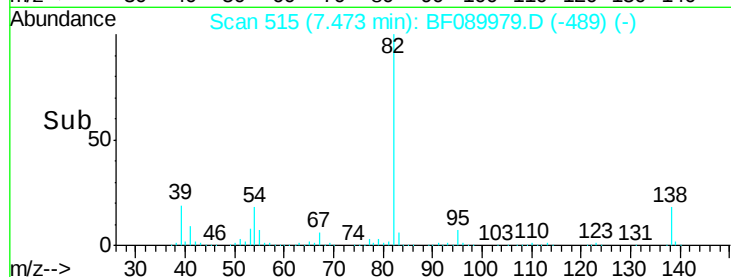
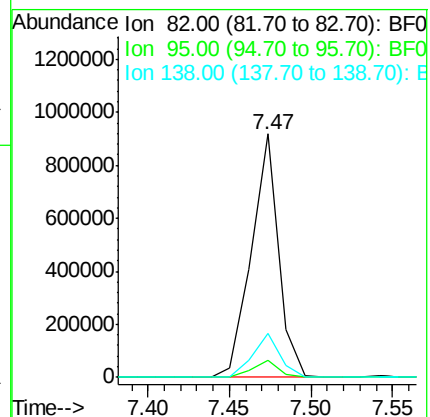
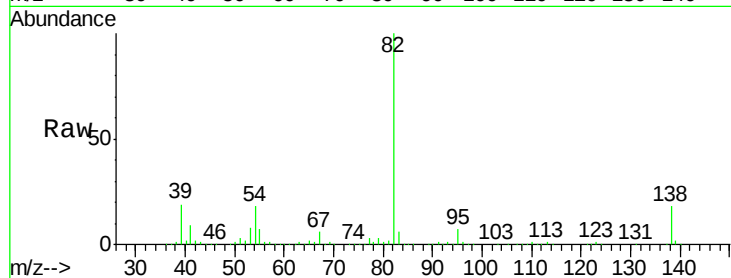
Tot Ion: 82 Resp: 1059484

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

138 18.1 14.4 21.6



#26

2-Nitrophenol

Concen: 41.97 ng

RT: 7.54 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

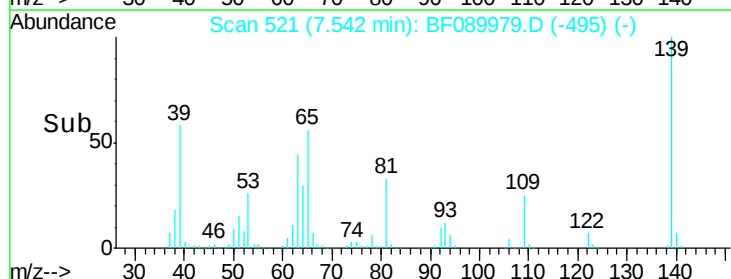
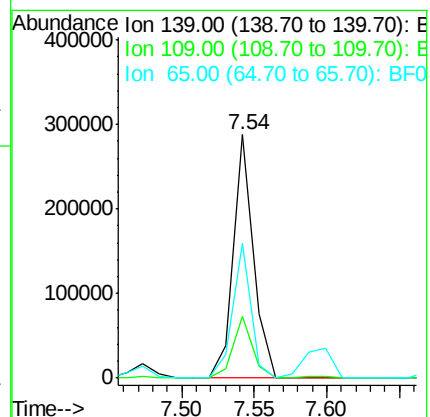
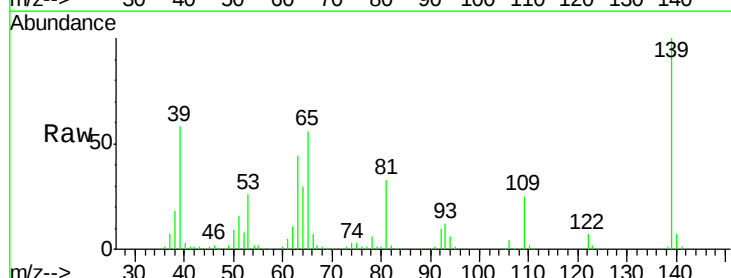
Tgt Ion: 139 Resp: 278084

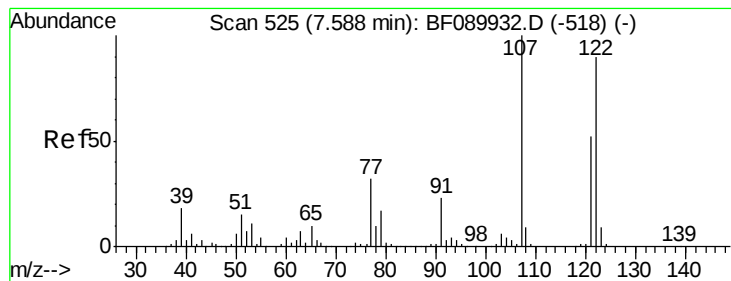
Ion Ratio Lower Upper

139 100

109 25.4 21.0 31.4

65 55.5 43.4 65.0

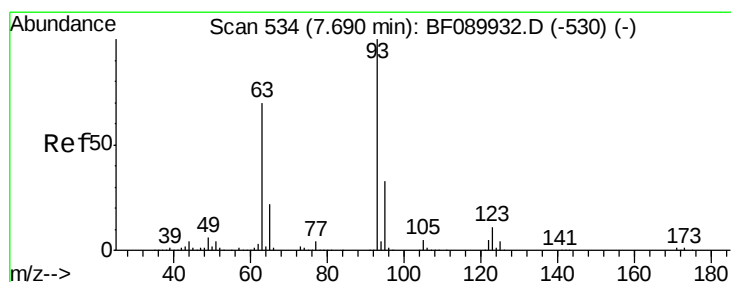
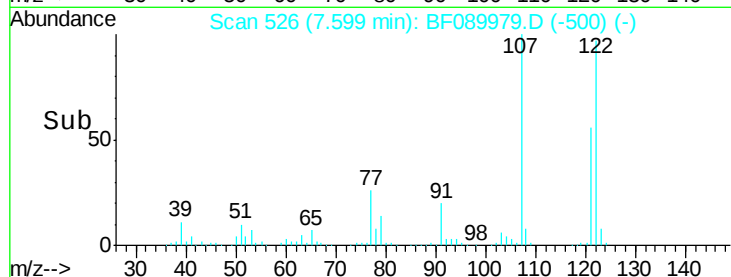
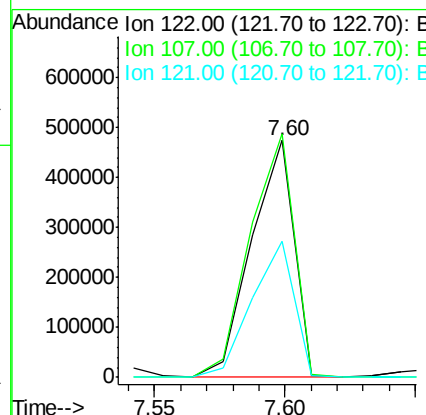
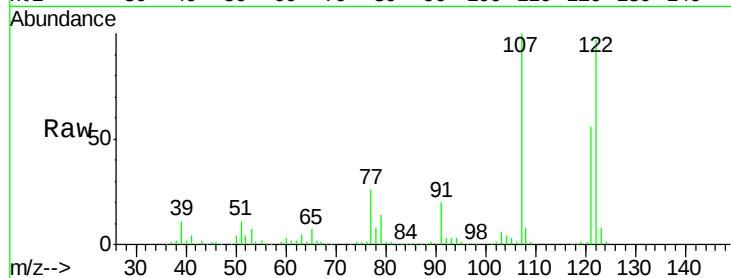




#27
 2,4-Dimethylphenol
 Concen: 44.70 ng
 RT: 7.60 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF089979.D
 Acq: 2 Sep 2016 17:11

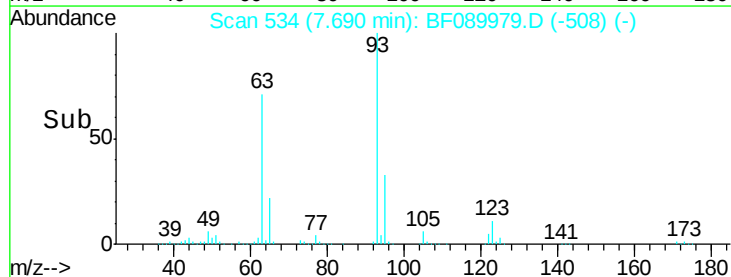
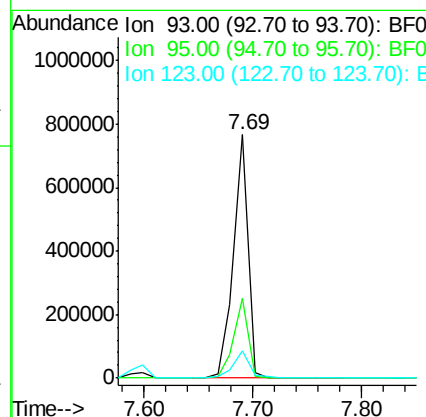
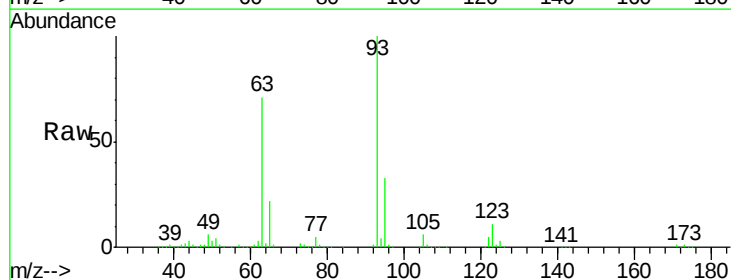
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 547879
 Ion Ratio Lower Upper
 122 100
 107 102.7 88.5 132.7
 121 57.5 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.35 ng
 RT: 7.69 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: BF089979.D
 Acq: 2 Sep 2016 17:11

Tgt Ion: 93 Resp: 709152
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.6 40.0
 123 11.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 43.35 ng

RT: 7.79 min Scan# 543

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Instrument :

BNA_F

ClientSampleId :

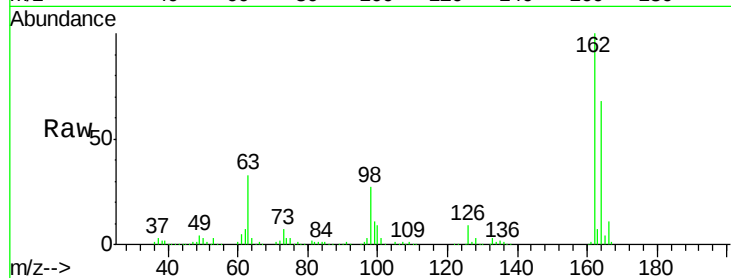
Tot Ion:162 Resp: 476263

Ion Ratio Lower Upper

162 100

164 68.3 46.6 86.6

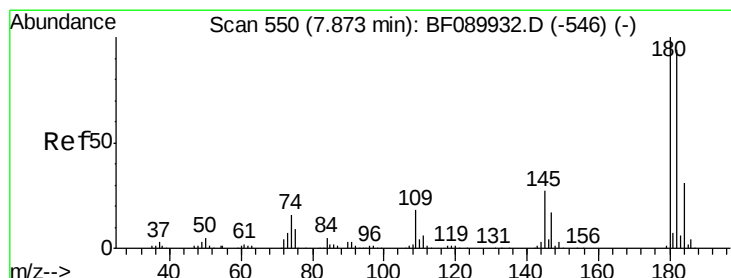
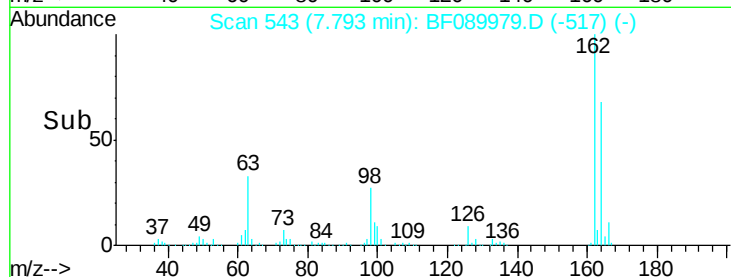
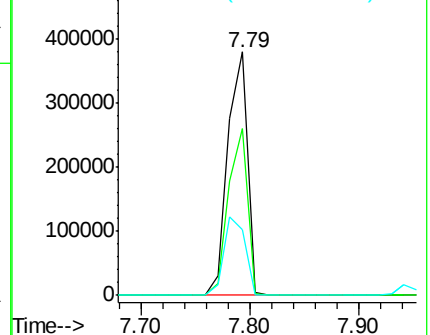
98 26.8 22.0 62.0



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: 43.74 ng

RT: 7.87 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

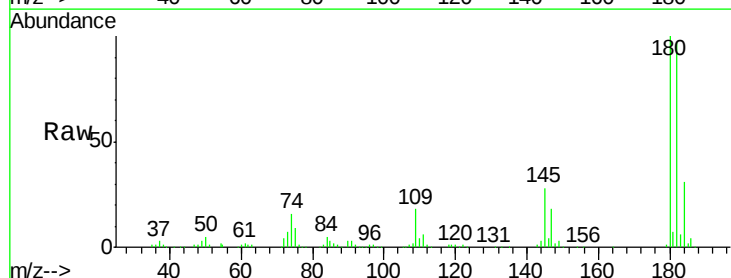
Tgt Ion:180 Resp: 525483

Ion Ratio Lower Upper

180 100

182 97.0 76.2 114.2

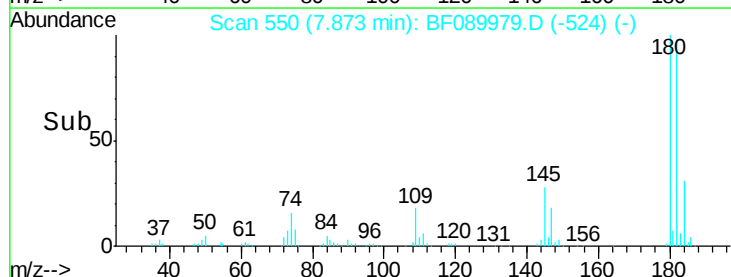
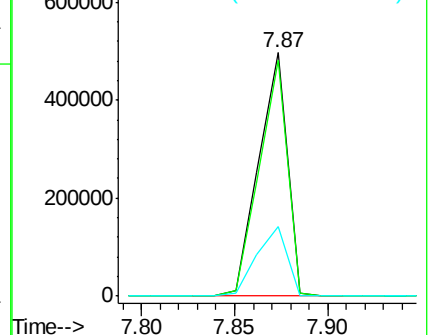
145 28.5 22.2 33.4

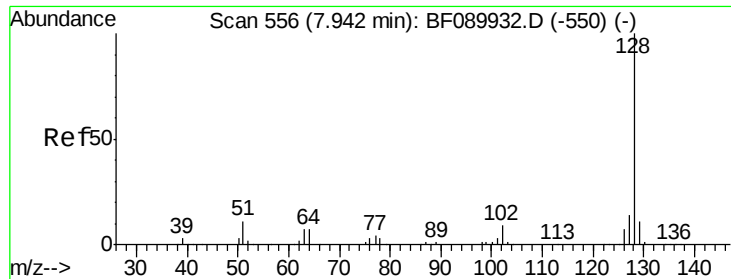


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

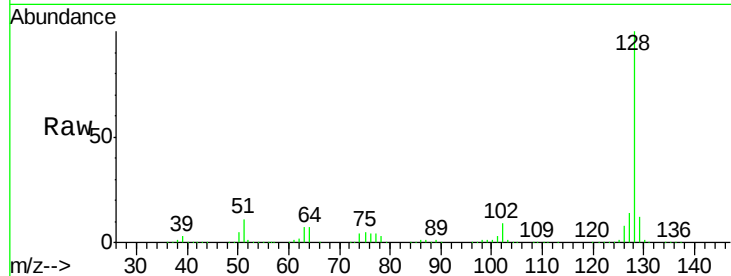




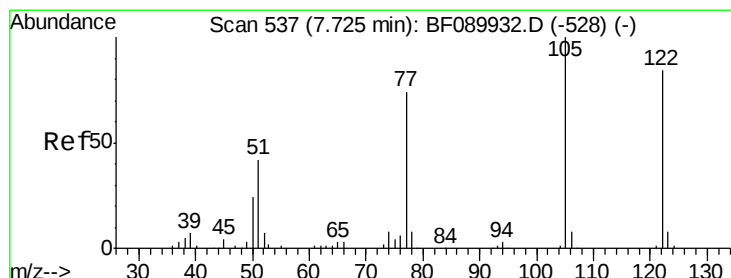
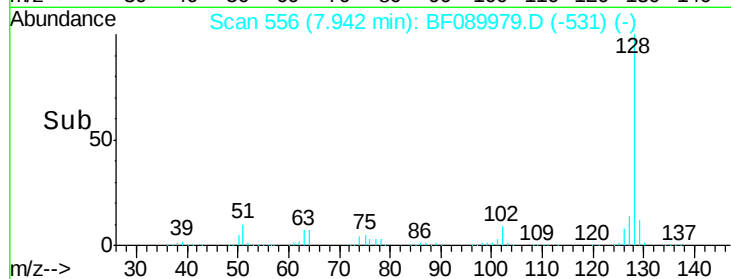
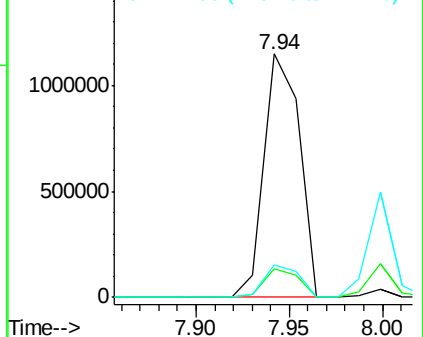
#31
Naphthalene
Concen: 40.03 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1507766
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.0
127 13.5 10.7 16.1

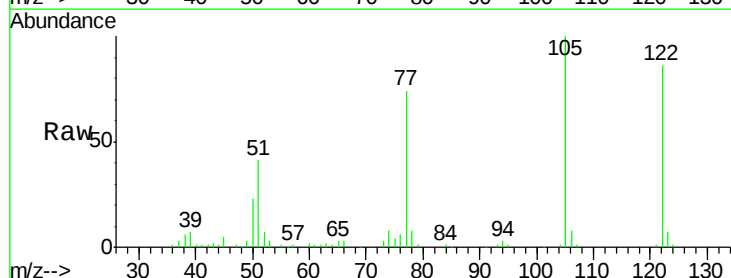


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

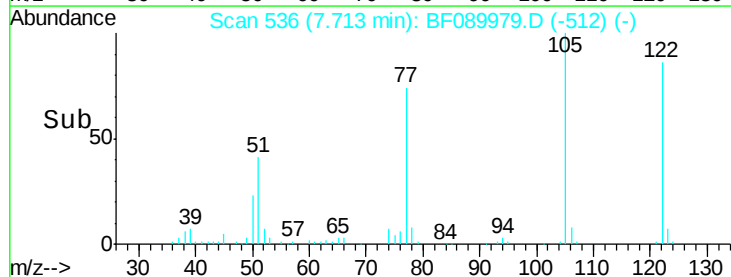
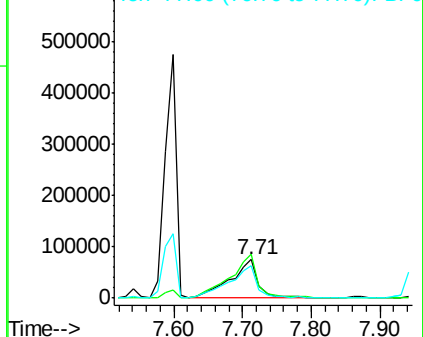


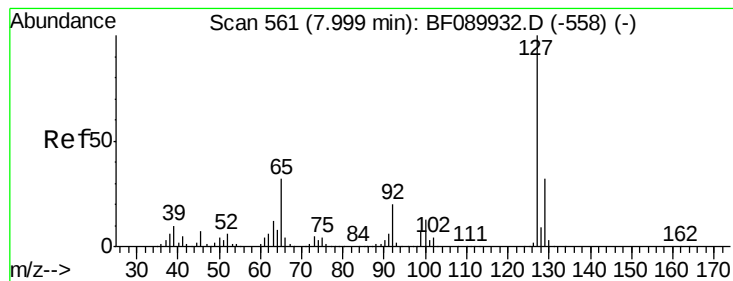
#32
Benzoic acid
Concen: 25.29 ng
RT: 7.71 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Tgt Ion:122 Resp: 208832
Ion Ratio Lower Upper
122 100
105 115.9 102.2 142.2
77 85.9 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

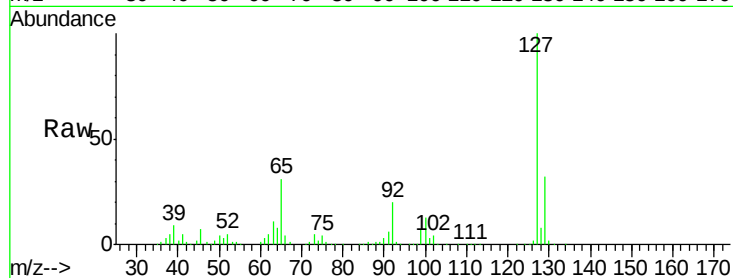




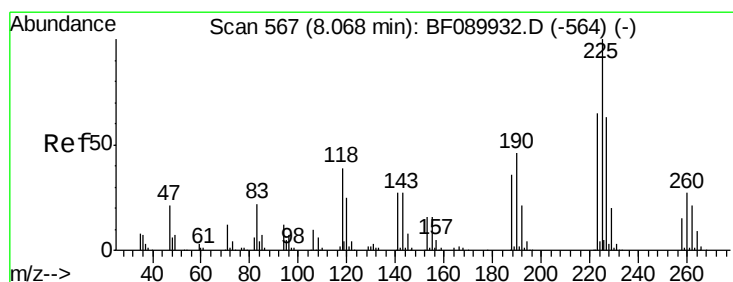
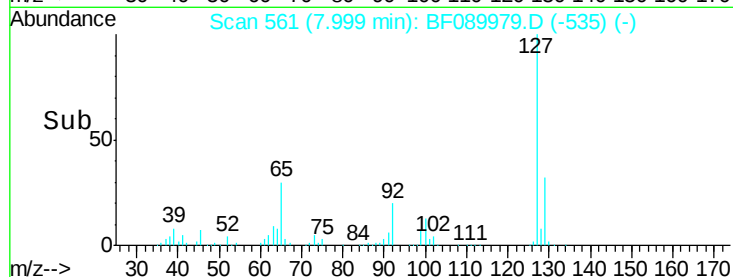
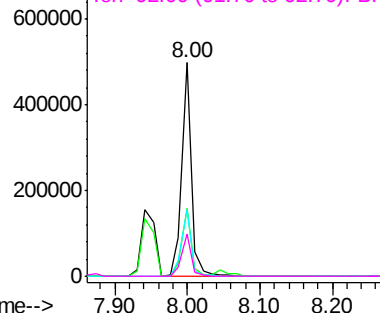
#33
4-Chloroaniline
Concen: 30.48 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	463285
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.9	38.9
65	31.2	26.0	39.0
92	19.8	15.9	23.9

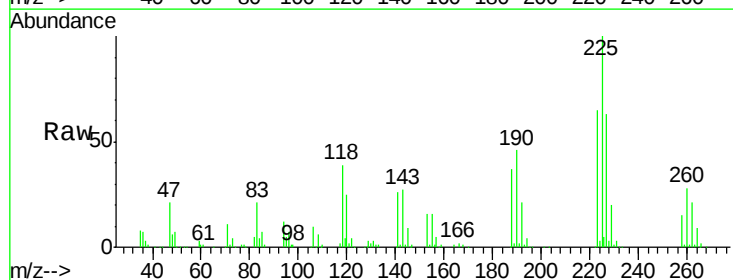


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

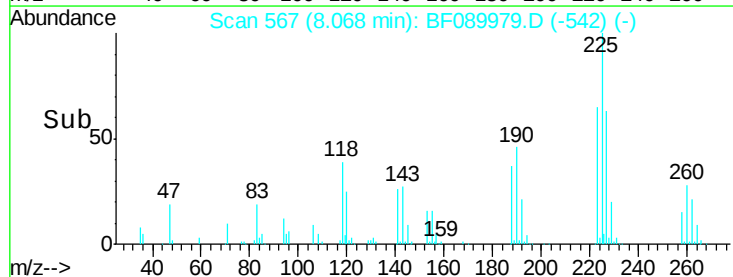
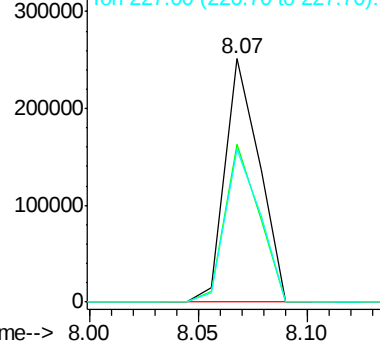


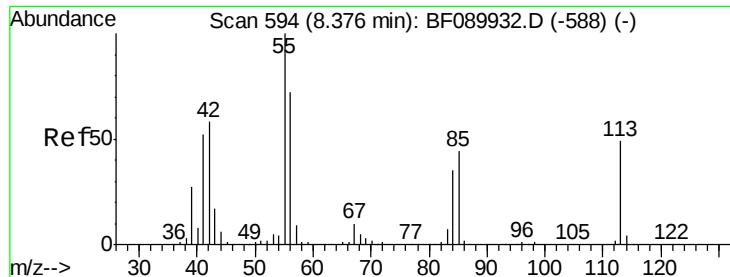
#34
Hexachlorobutadiene
Concen: 39.38 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Tgt Ion:	225	Resp:	277197
Ion	Ratio	Lower	Upper
225	100		
223	64.9	52.6	78.8
227	62.7	50.8	76.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

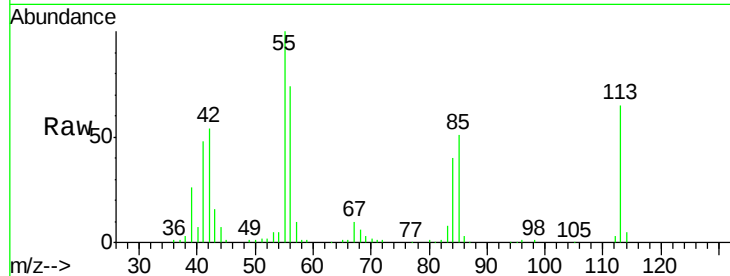




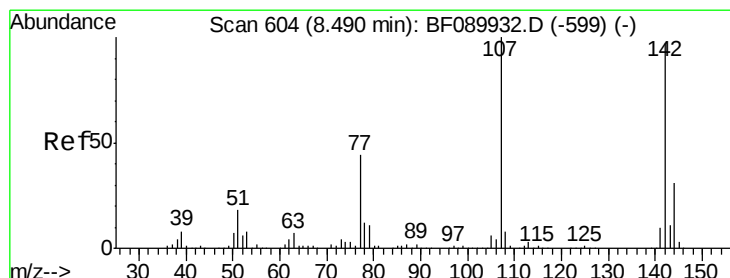
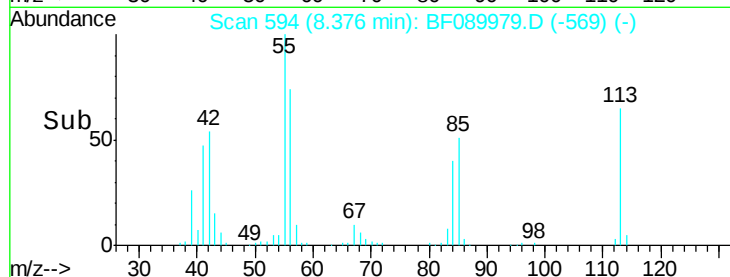
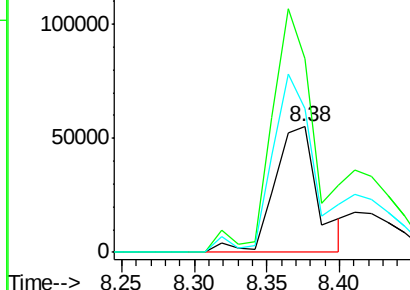
#35
Caprolactam
Concen: 33.01 ng
RT: 8.38 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 114464
Ion Ratio Lower Upper
113 100
55 154.9 178.5 218.5#
56 115.2 122.7 162.7#

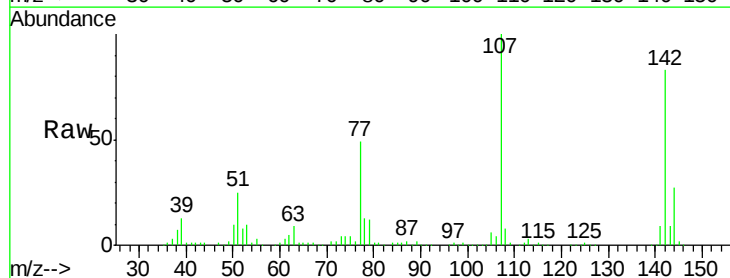


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

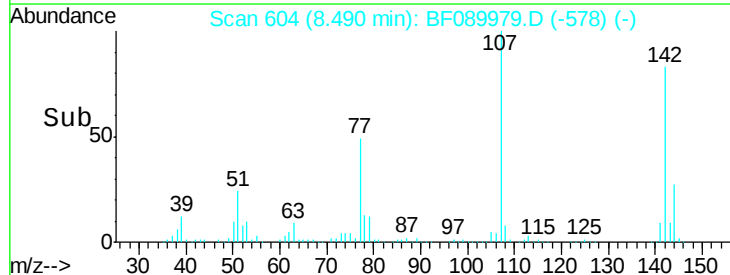
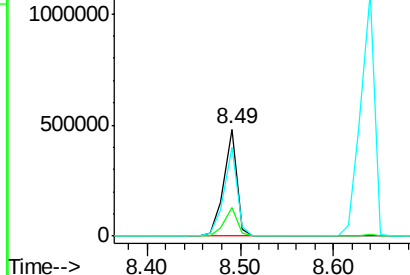


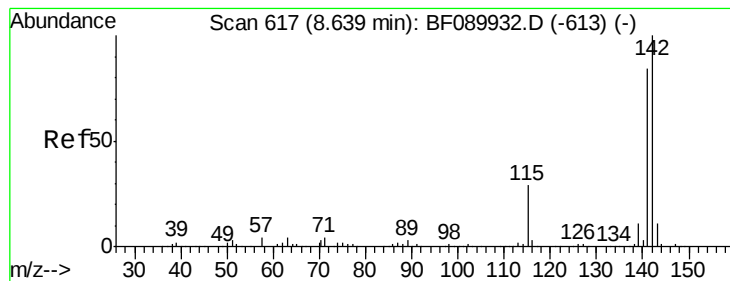
#36
4-Chloro-3-methylphenol
Concen: 40.66 ng
RT: 8.49 min Scan# 604
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Tgt Ion:107 Resp: 473095
Ion Ratio Lower Upper
107 100
144 26.6 25.8 38.8
142 83.1 79.2 118.8



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.10 ng

RT: 8.64 min Scan# 617

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Instrument :

BNA_F

ClientSampled :

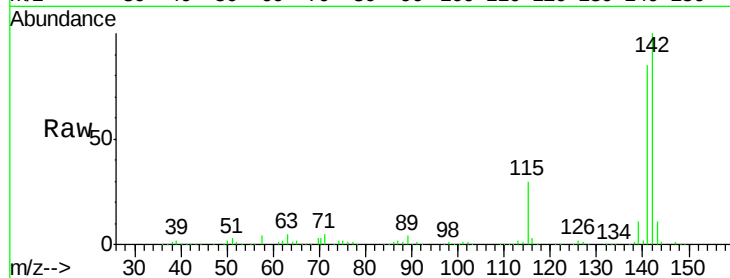
Tot Ion:142 Resp: 1122687

Ion Ratio Lower Upper

142 100

141 84.6 68.3 102.5

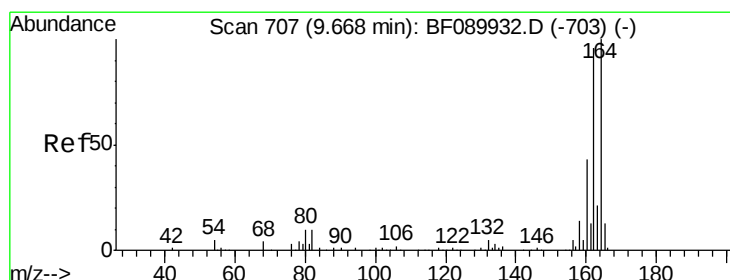
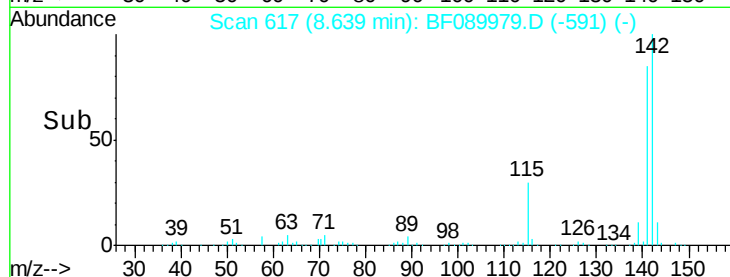
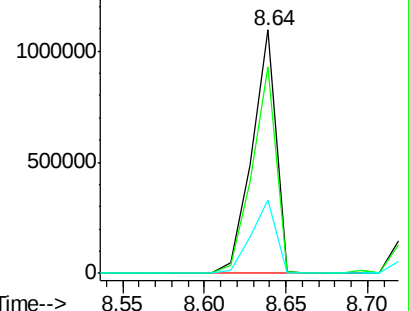
115 30.3 23.8 35.8



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: BF089979.D

Acq: 2 Sep 2016 17:11

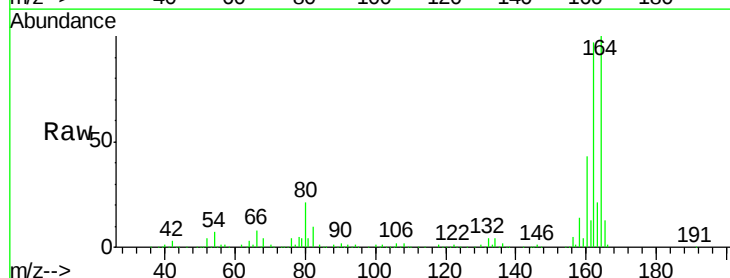
Tgt Ion:164 Resp: 364019

Ion Ratio Lower Upper

164 100

162 96.6 77.1 115.7

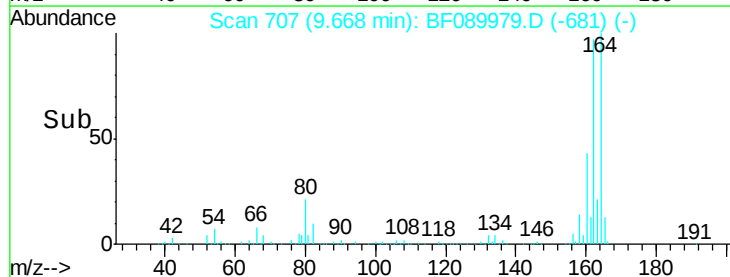
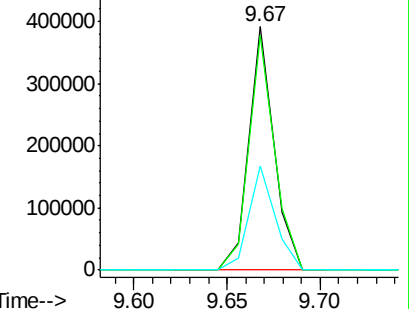
160 42.9 35.3 52.9

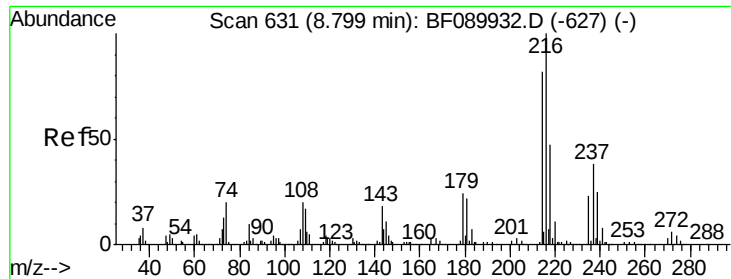


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

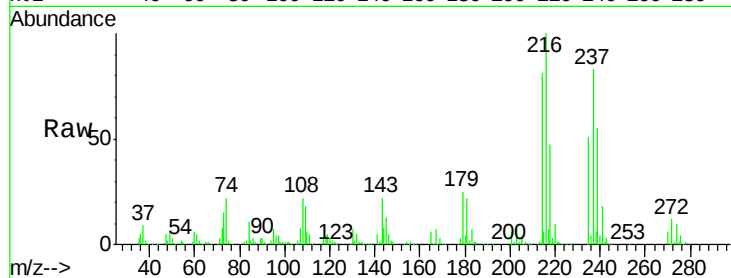




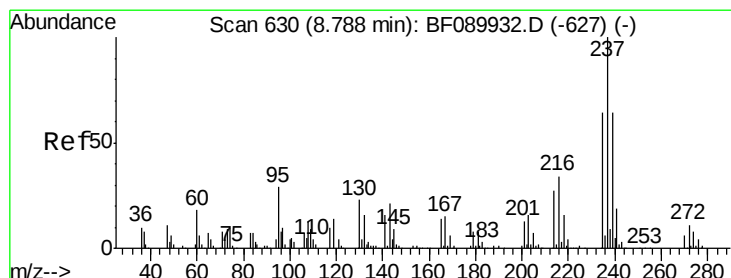
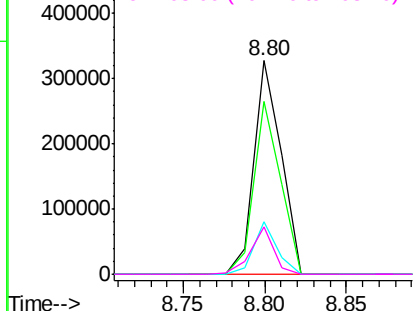
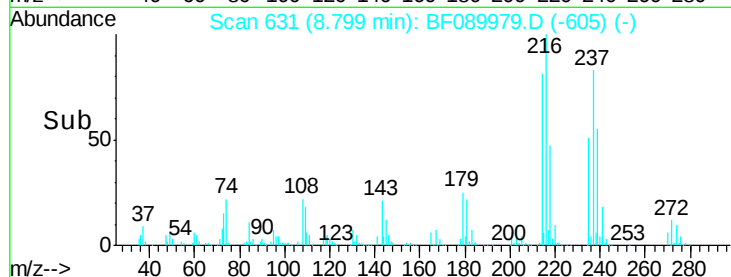
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.47 ng
 RT: 8.80 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF089979.D
 Acq: 2 Sep 2016 17:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:216	Resp:	378221
Ion Ratio	Lower	Upper
216	100	
214	79.4	63.4 95.2
179	21.3	17.3 25.9
108	19.0	15.5 23.3

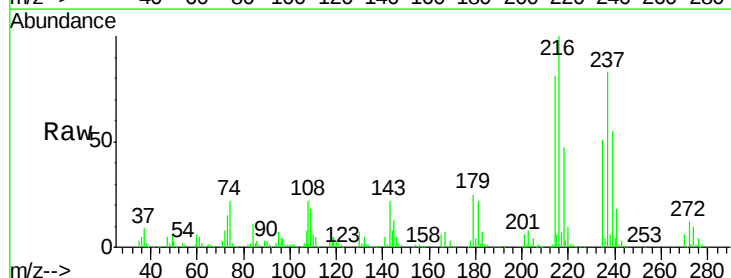


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

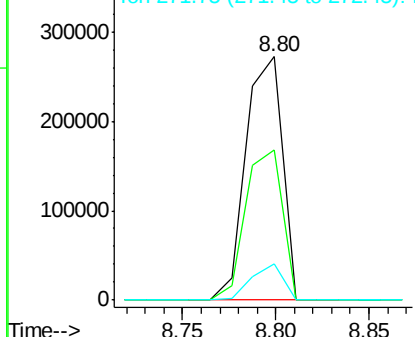
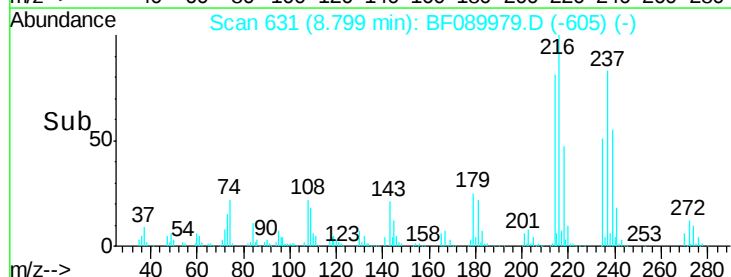


#40
 Hexachlorocyclopentadiene
 Concen: 67.28 ng
 RT: 8.80 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF089979.D
 Acq: 2 Sep 2016 17:11

Tgt Ion:237	Resp:	367899
Ion Ratio	Lower	Upper
237	100	
235	61.8	39.6 79.6
272	14.8	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

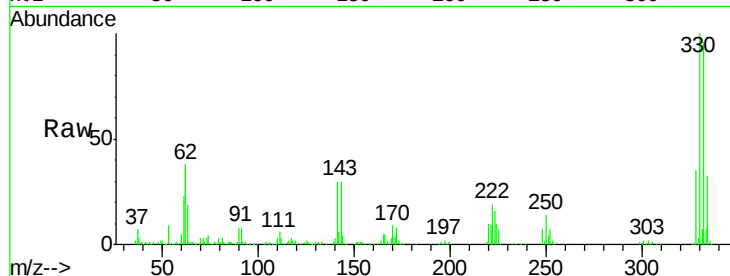




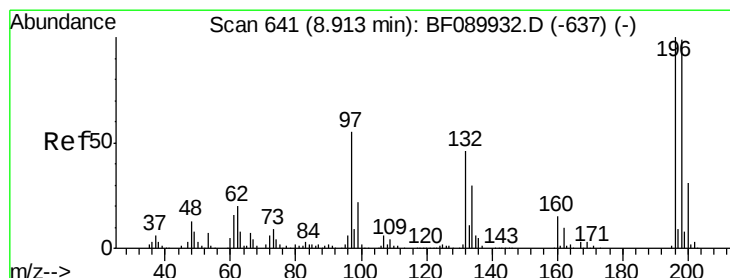
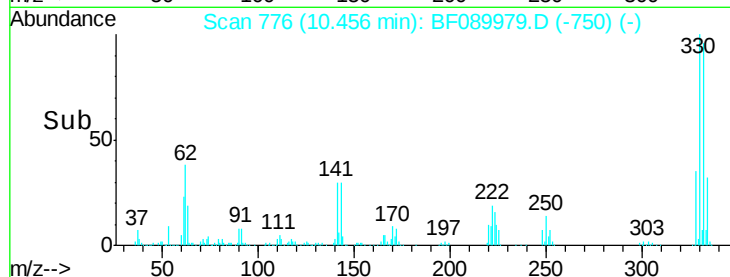
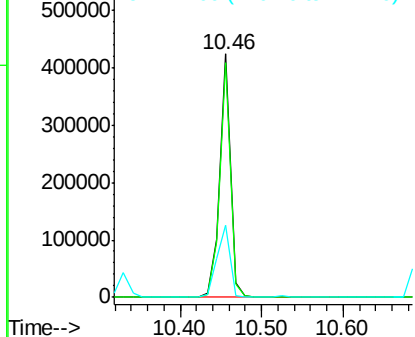
#41
 2,4,6-Tribromophenol
 Concen: 108.04 ng
 RT: 10.46 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF089979.D
 Acq: 2 Sep 2016 17:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 388001
 Ion Ratio Lower Upper
 330 100
 332 95.9 78.6 117.8
 141 36.0 23.3 34.9#

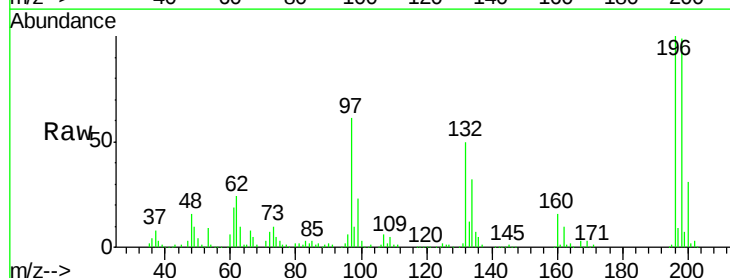


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

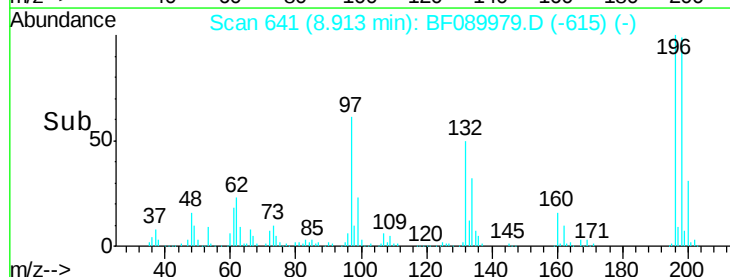
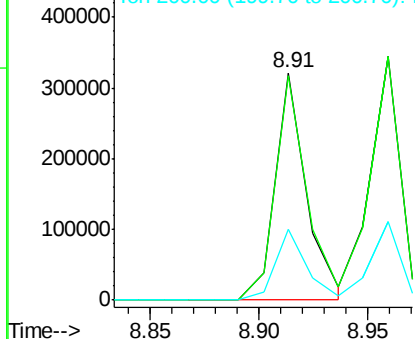


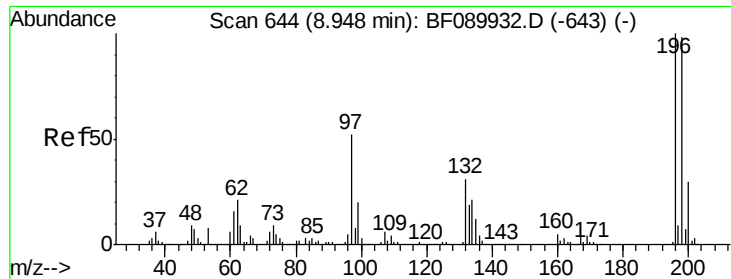
#42
 2,4,6-Trichlorophenol
 Concen: 44.00 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089979.D
 Acq: 2 Sep 2016 17:11

Tgt Ion:196 Resp: 325168
 Ion Ratio Lower Upper
 196 100
 198 98.6 78.3 117.5
 200 31.0 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

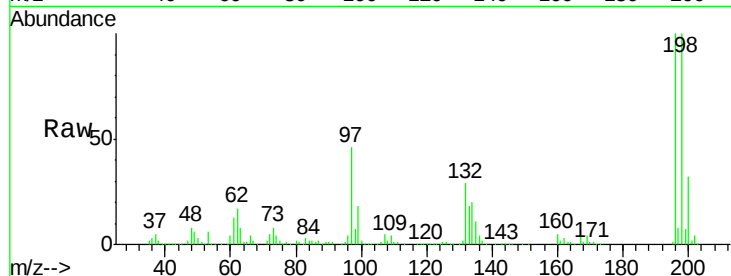




#43
 2,4,5-Trichlorophenol
 Concen: 46.64 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.00 min
 Lab File: BF089979.D
 Acq: 2 Sep 2016 17:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	331474
Ion Ratio	Lower	Upper	
196	100		
198	99.9	80.8	121.2
97	46.4	44.2	66.4
132	28.8	25.8	38.6



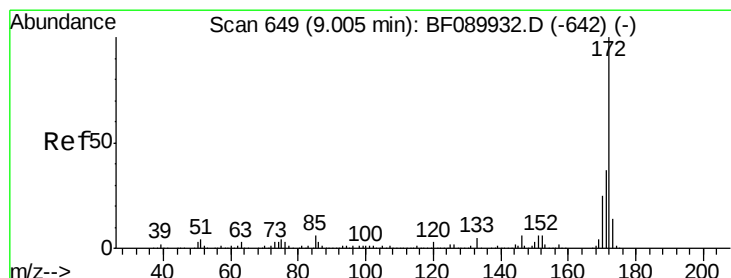
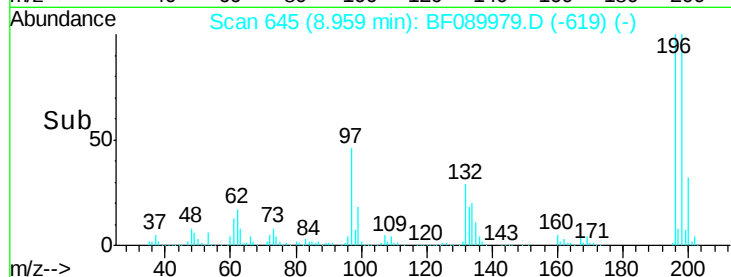
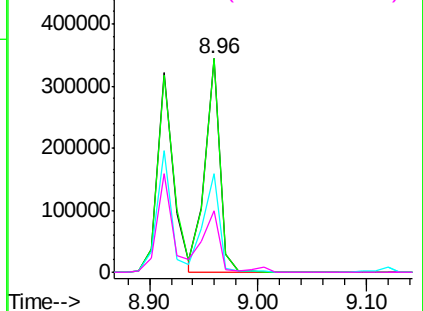
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

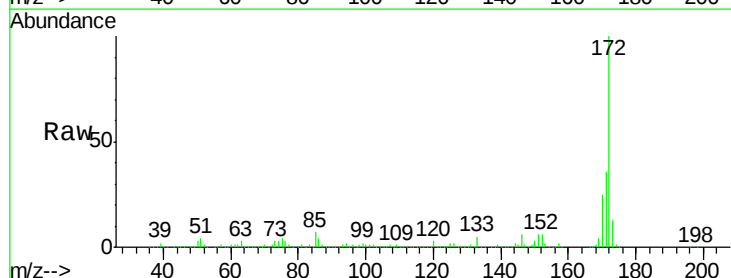
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 81.96 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089979.D
 Acq: 2 Sep 2016 17:11

Tgt Ion	172	Resp	1817506
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.4	44.2
170	25.3	20.1	30.1

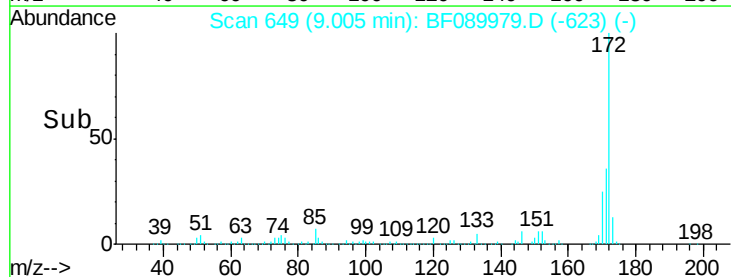
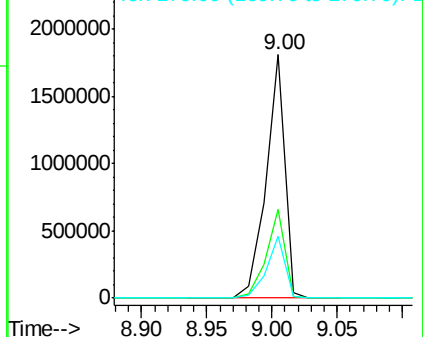


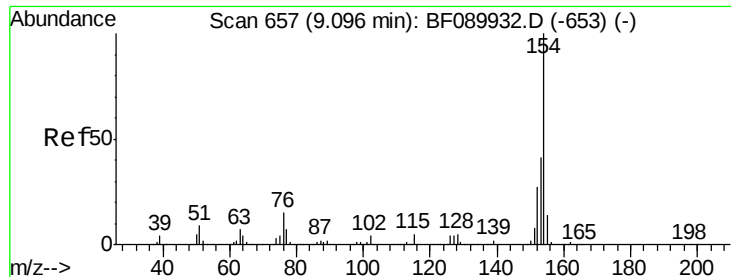
Abundance

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

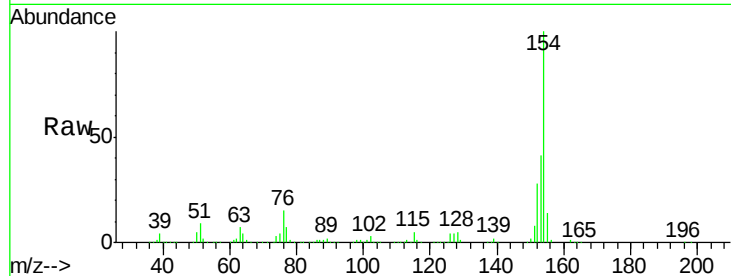




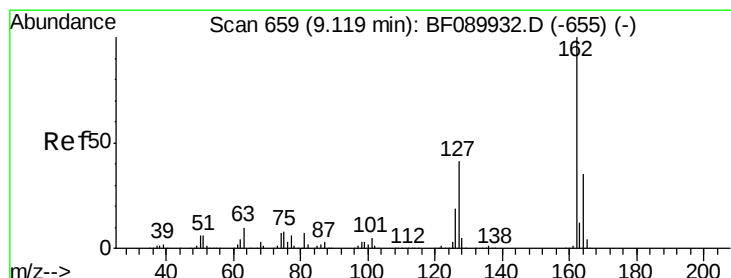
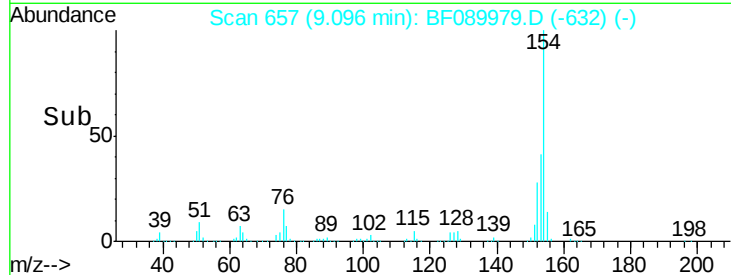
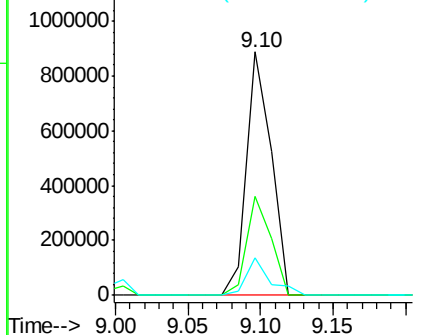
#45
 1,1'-Biphenyl
 Concen: 35.64 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: BF089979.D
 Acq: 2 Sep 2016 17:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1044595
 Ion Ratio Lower Upper
 154 100
 153 40.8 20.6 60.6
 76 15.2 0.0 34.9

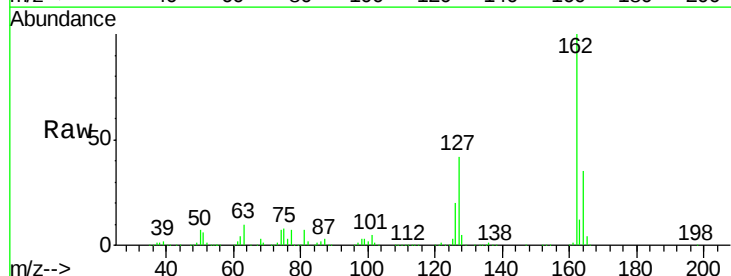


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

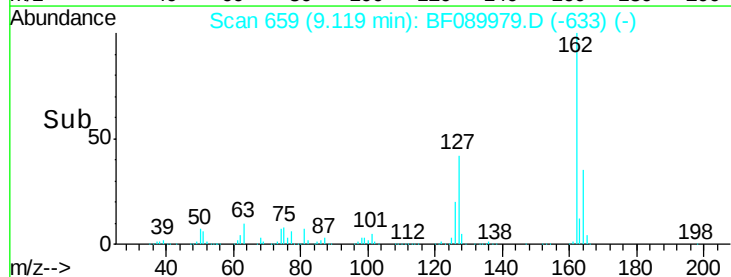
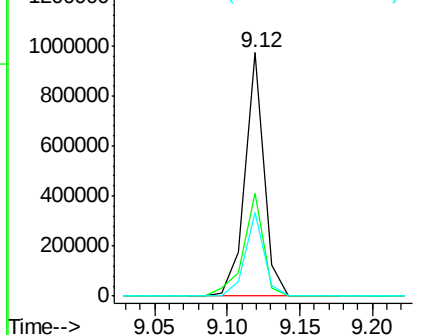


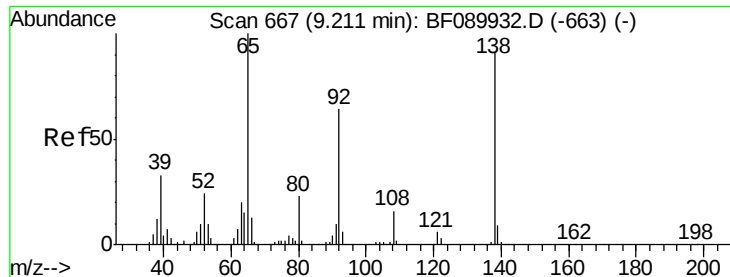
#46
 2-Chloronaphthalene
 Concen: 42.52 ng
 RT: 9.12 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF089979.D
 Acq: 2 Sep 2016 17:11

Tgt Ion:162 Resp: 881486
 Ion Ratio Lower Upper
 162 100
 127 42.0 33.5 50.3
 164 34.5 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

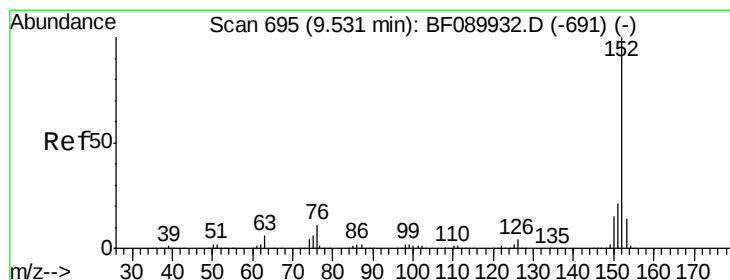
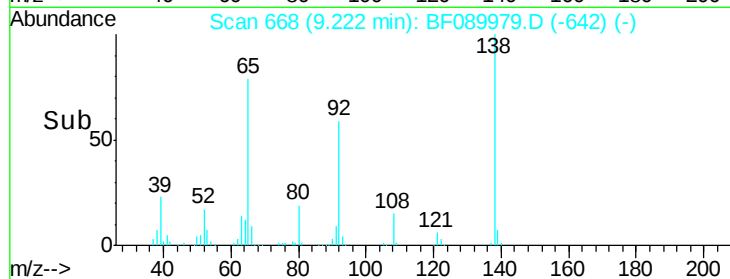
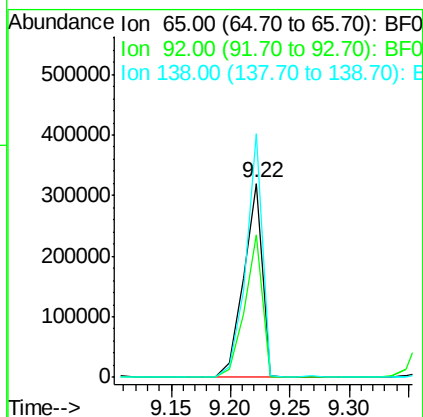
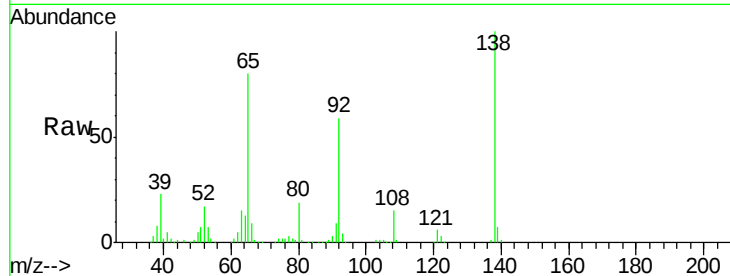




#47
2-Nitroaniline
Concen: 51.80 ng
RT: 9.22 min Scan# 668
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

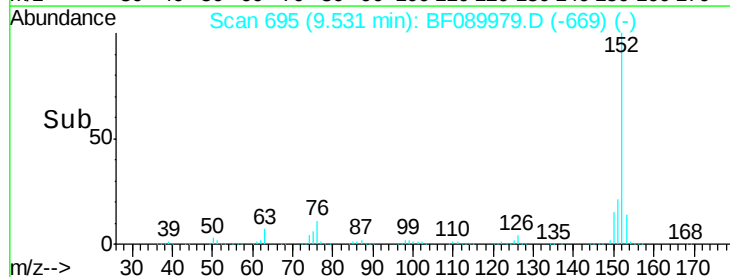
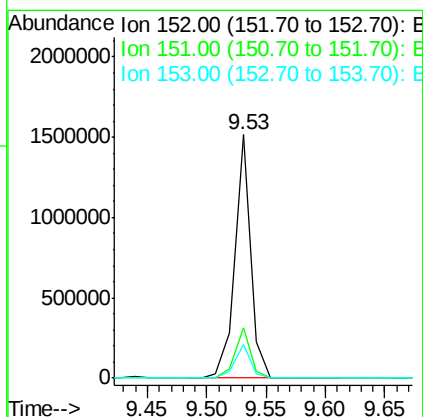
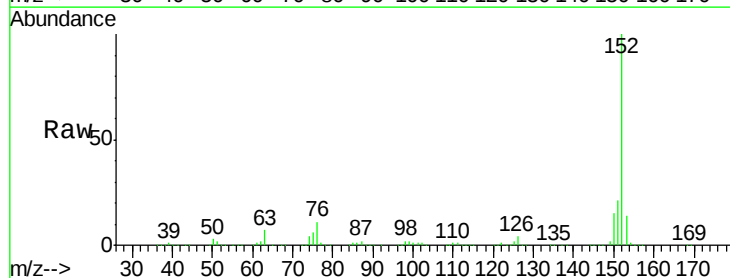
Instrument :
BNA_F
ClientSampleId :

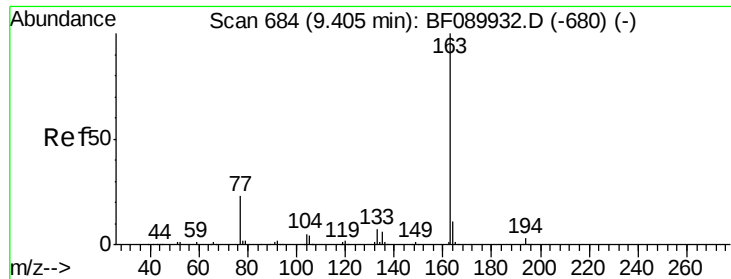
Tot Ion: 65 Resp: 351098
Ion Ratio Lower Upper
65 100
92 73.8 52.0 78.0
138 125.7 72.1 108.1#



#48
Acenaphthylene
Concen: 40.92 ng
RT: 9.53 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Tgt Ion: 152 Resp: 1402939
Ion Ratio Lower Upper
152 100
151 20.7 16.7 25.1
153 14.1 11.6 17.4

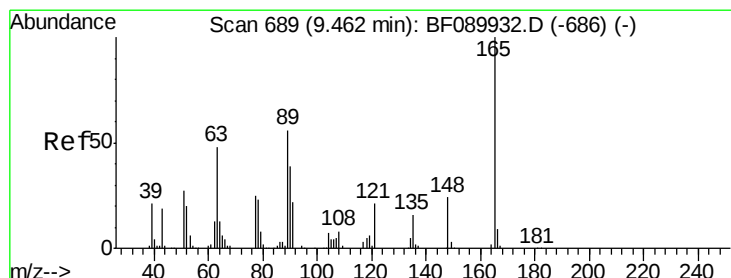
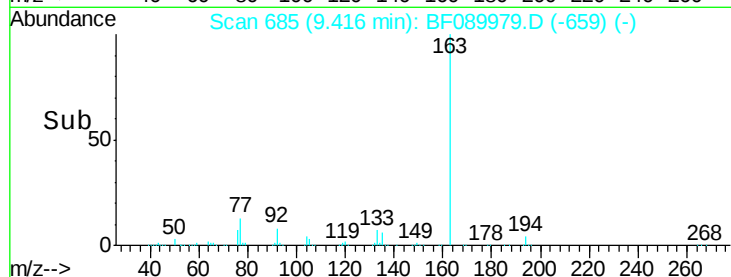
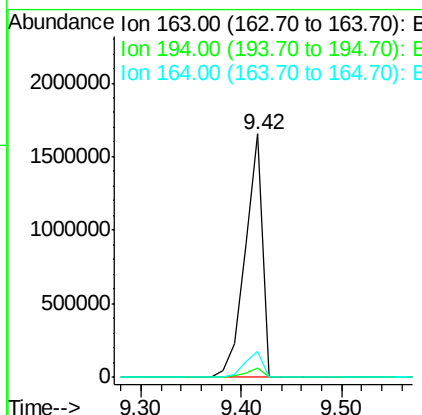
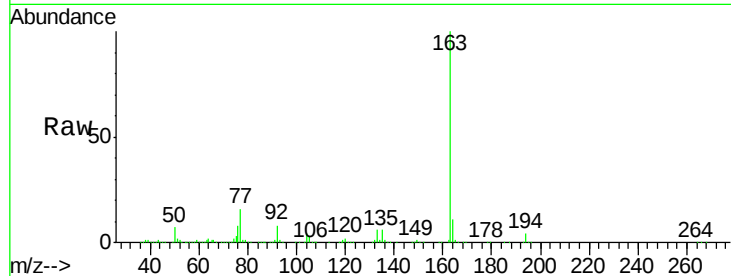




#49
Dimethylphthalate
Concen: 74.26 ng
RT: 9.42 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

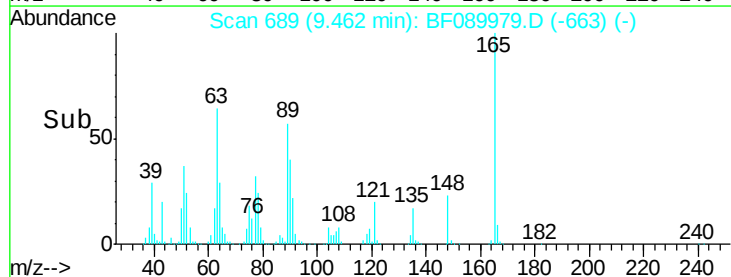
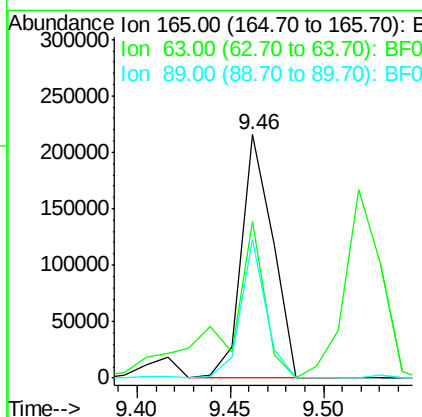
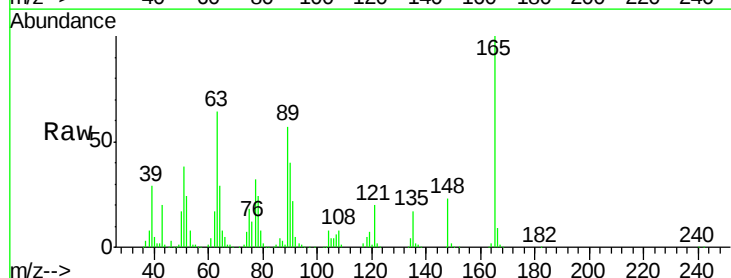
Instrument :
BNA_F
ClientSampled :

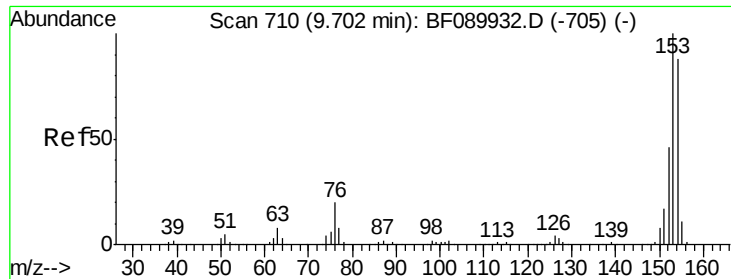
Tot Ion:163 Resp: 1953697
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.7 9.0 13.4



#50
2,6-Dinitrotoluene
Concen: 42.60 ng
RT: 9.46 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Tgt Ion:165 Resp: 249264
Ion Ratio Lower Upper
165 100
63 64.2 45.0 67.4
89 56.7 41.5 62.3

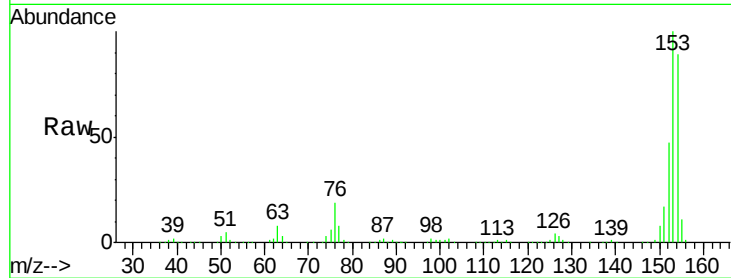




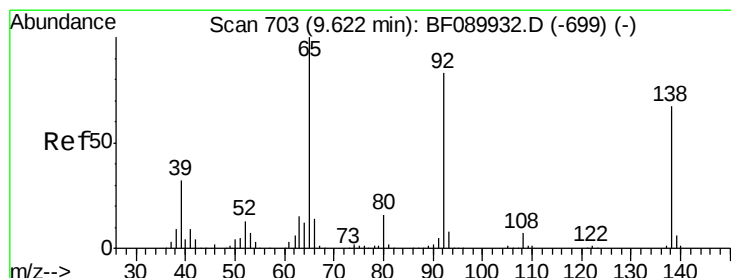
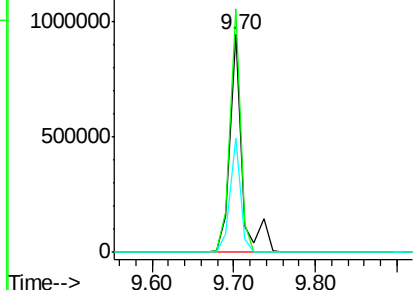
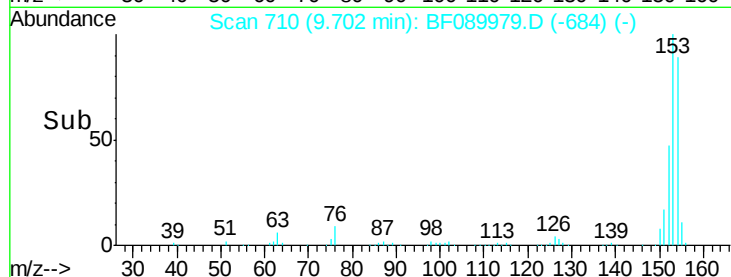
#51
Acenaphthene
Concen: 44.85 ng
RT: 9.70 min Scan# 710
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:154 Resp: 974213
Ion Ratio Lower Upper
154 100
153 111.8 90.6 135.8
152 52.3 42.4 63.6

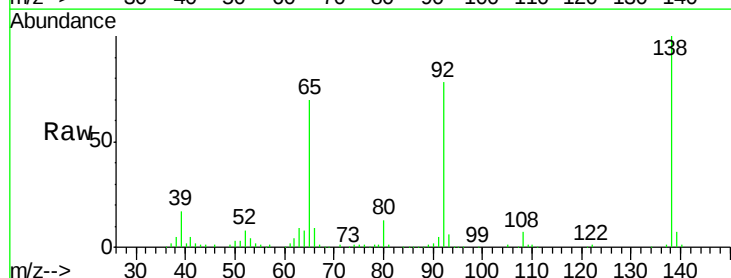


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

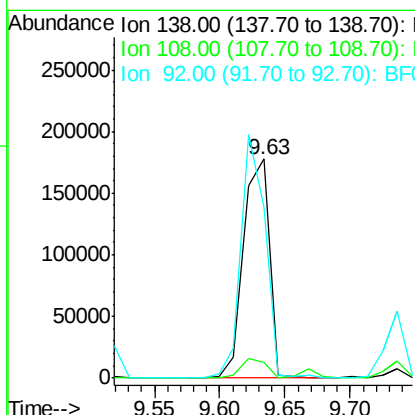
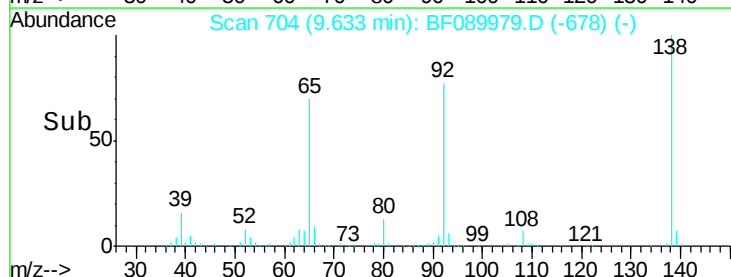


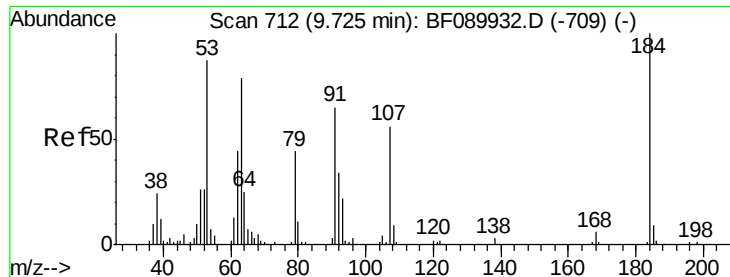
#52
3-Nitroaniline
Concen: 36.74 ng
RT: 9.63 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Tgt Ion:138 Resp: 245206
Ion Ratio Lower Upper
138 100
108 7.2 8.3 12.5#
92 78.1 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

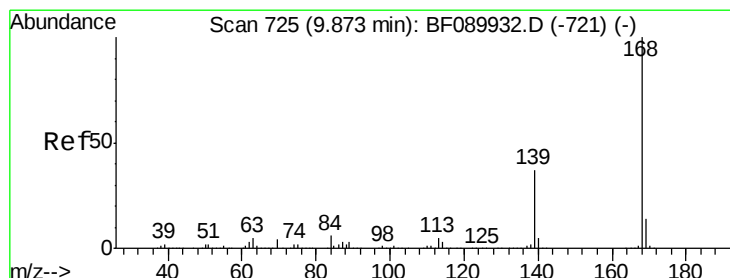
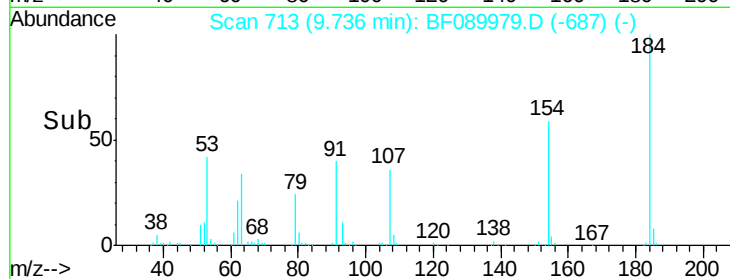
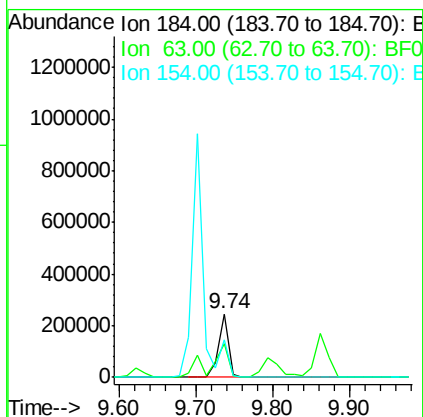
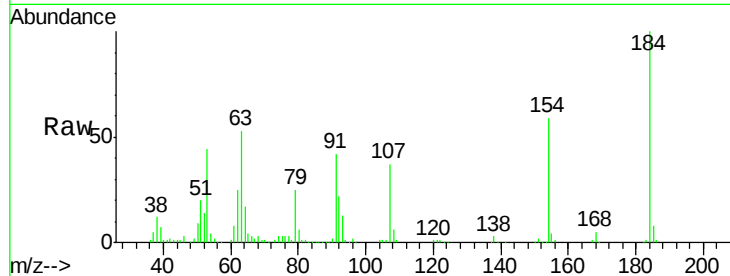




#53
2,4-Dinitrophenol
Concen: 62.14 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

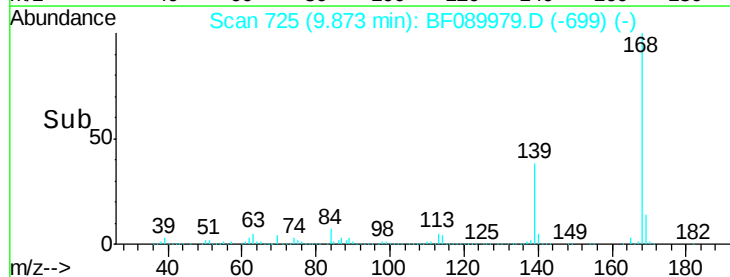
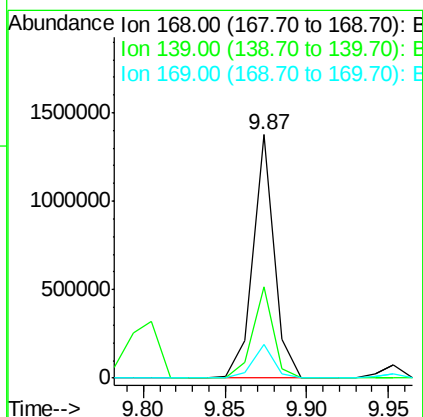
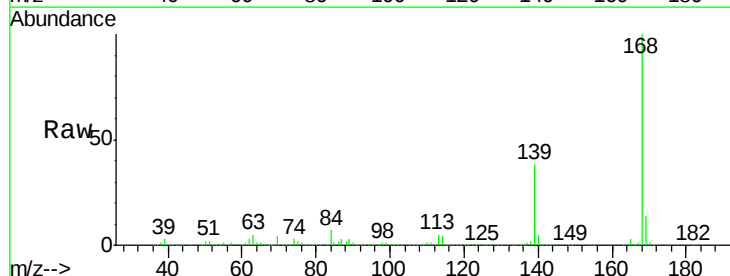
Instrument :
BNA_F
ClientSampled :

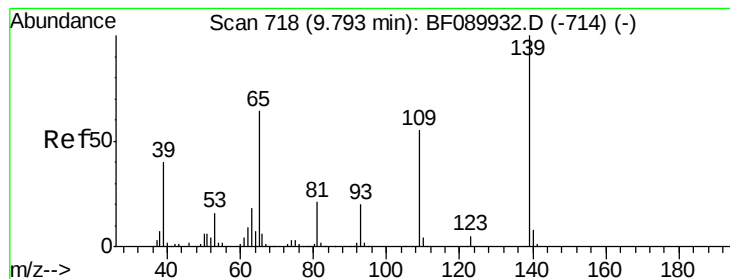
Tot Ion:184 Resp: 222433
Ion Ratio Lower Upper
184 100
63 52.5 73.9 110.9#
154 58.8 53.5 80.3



#54
Dibenzofuran
Concen: 43.05 ng
RT: 9.87 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Tgt Ion:168 Resp: 1252987
Ion Ratio Lower Upper
168 100
139 37.6 29.5 44.3
169 13.6 10.8 16.2





#55

4-Nitrophenol

Concen: 89.11 ng

RT: 9.80 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Instrument :
BNA_F
ClientSampleId :

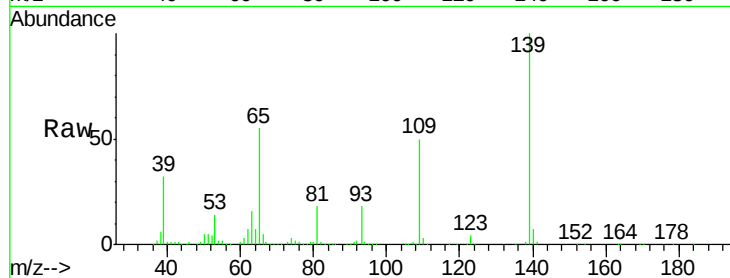
Tot Ion:139 Resp: 448590

Ion Ratio Lower Upper

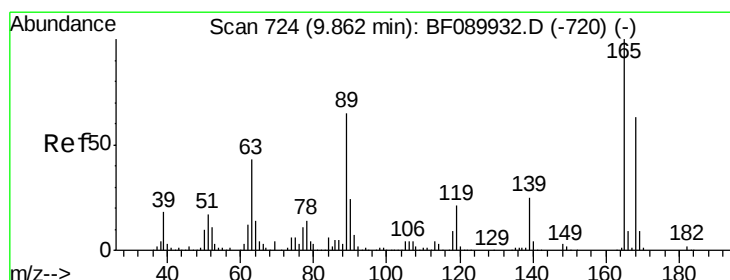
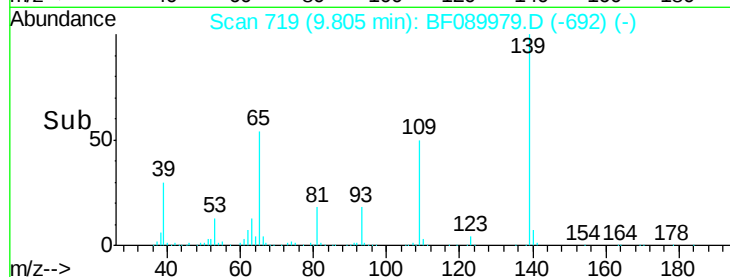
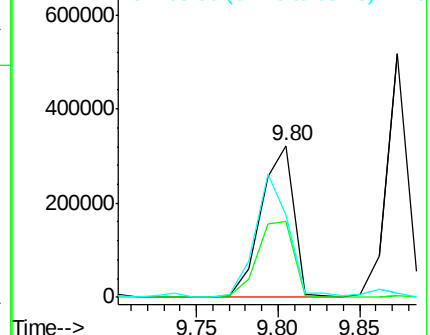
139 100

109 49.9 31.3 71.3

65 54.7 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: 40.10 ng

RT: 9.86 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Tgt Ion:165 Resp: 297563

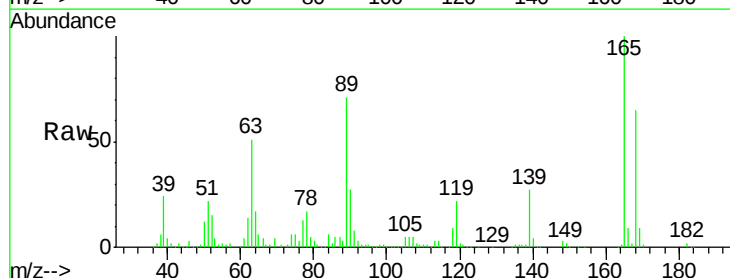
Ion Ratio Lower Upper

165 100

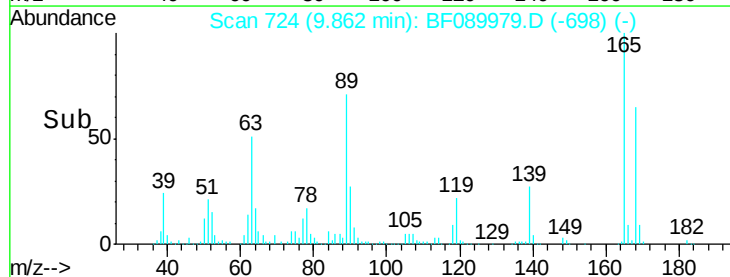
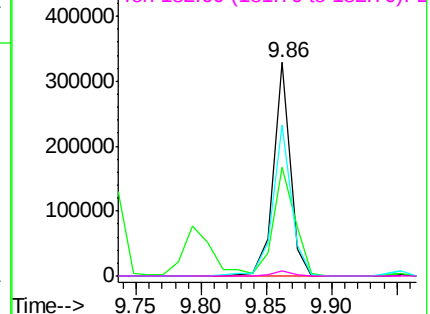
63 51.2 32.5 48.7#

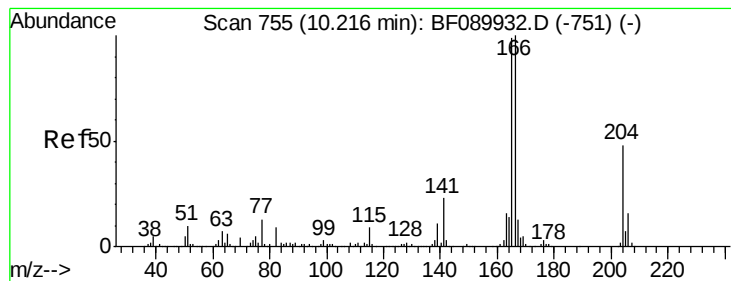
89 70.6 48.3 72.5

182 2.1 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: 45.34 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Instrument :

BNA_F

ClientSampleId :

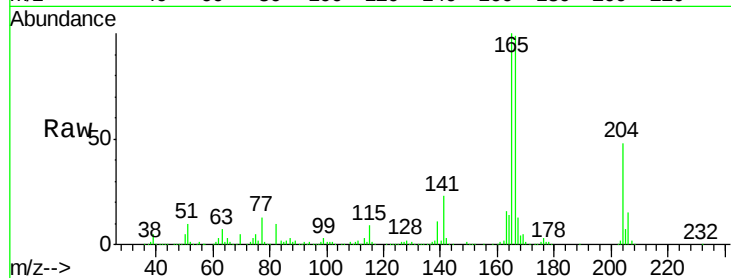
Tot Ion:166 Resp: 964325

Ion Ratio Lower Upper

166 100

165 100.6 78.6 118.0

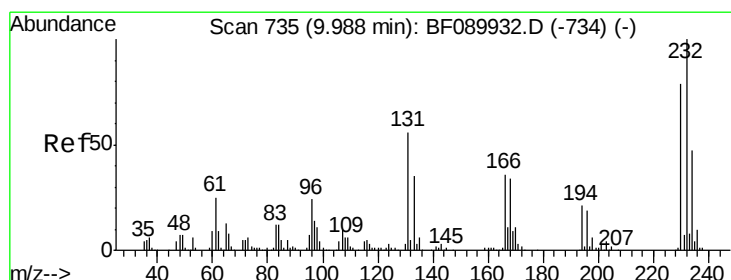
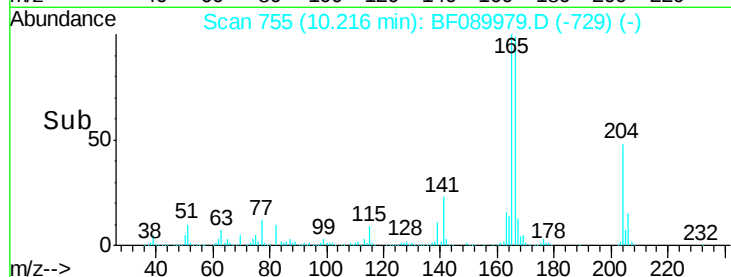
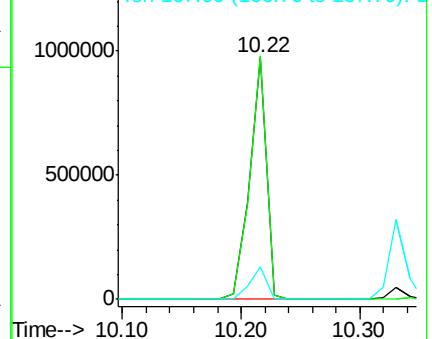
167 13.4 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.15 ng

RT: 10.00 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Tgt Ion:232 Resp: 286889

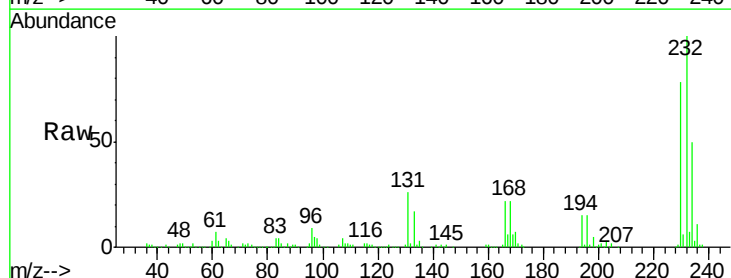
Ion Ratio Lower Upper

232 100

131 41.5 36.3 54.5

130 2.0 1.7 2.5

166 28.3 24.4 36.6

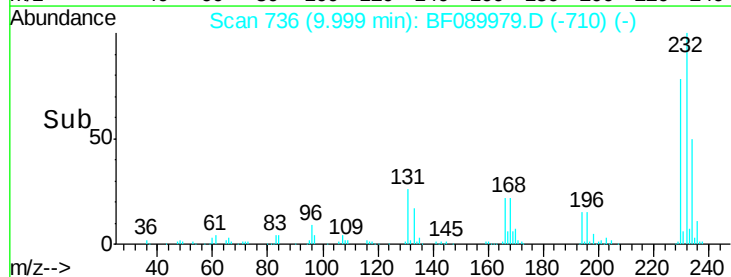
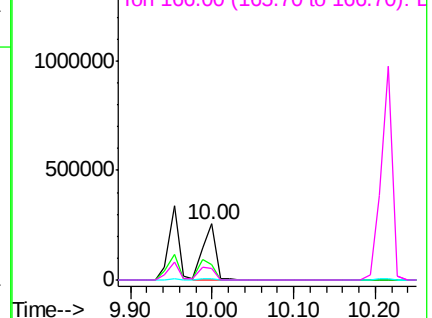


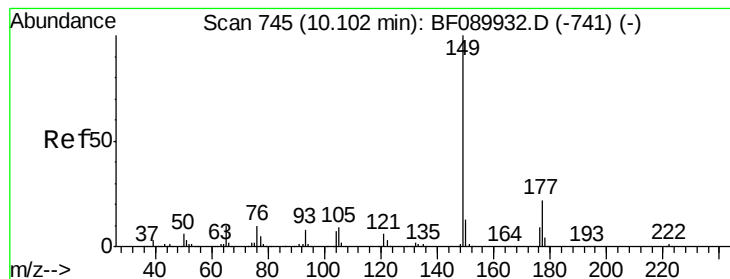
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 44.13 ng

RT: 10.10 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Instrument :

BNA_F

ClientSampleId :

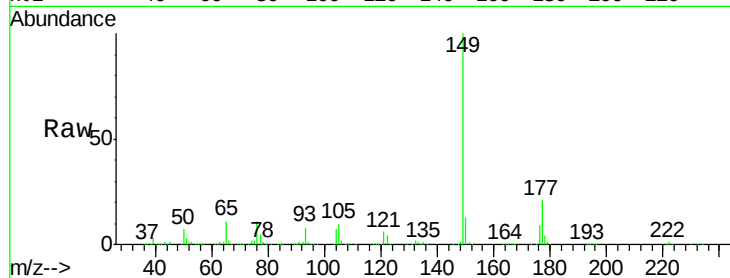
Tot Ion:149 Resp: 1092338

Ion Ratio Lower Upper

149 100

177 21.2 17.7 26.5

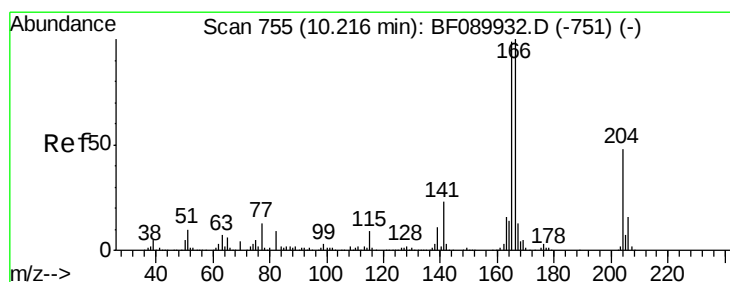
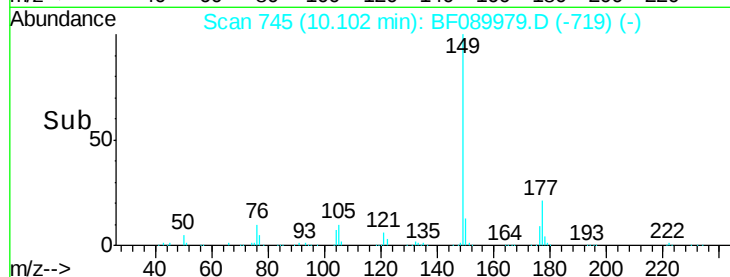
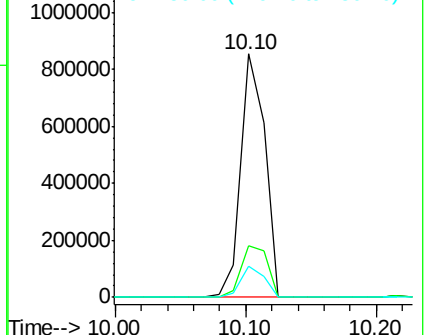
150 12.9 10.2 15.2



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: 45.73 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

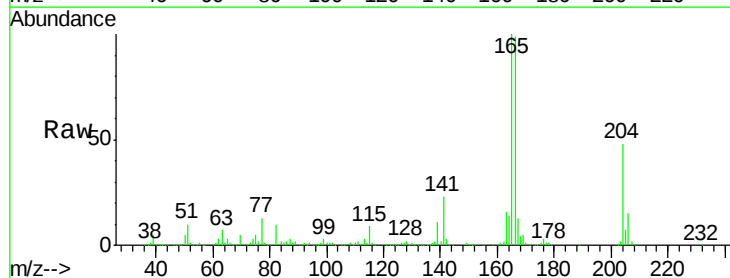
Tgt Ion:204 Resp: 457665

Ion Ratio Lower Upper

204 100

206 32.2 26.6 40.0

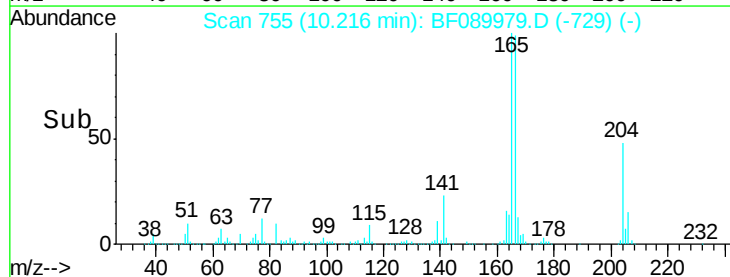
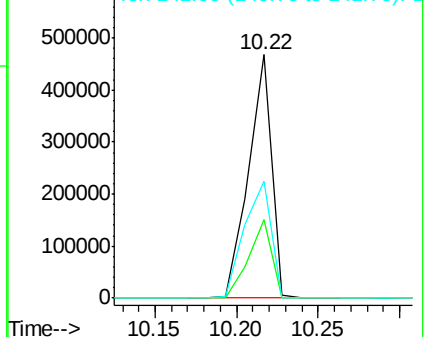
141 48.2 36.5 54.7

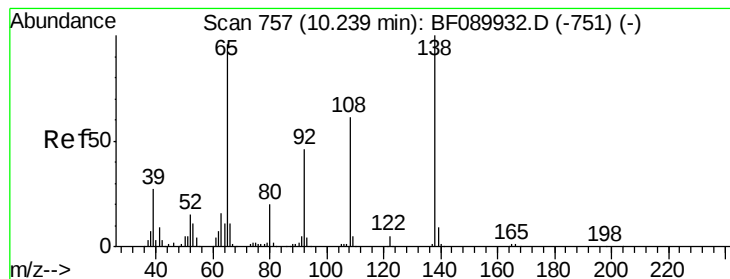


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

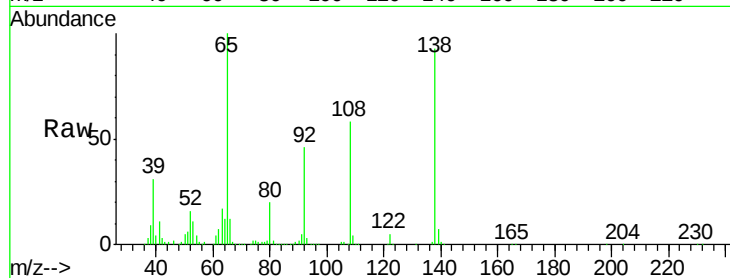




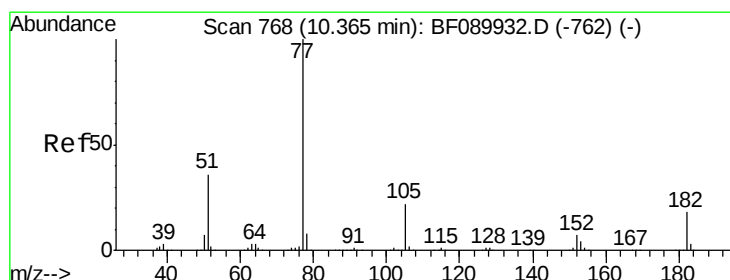
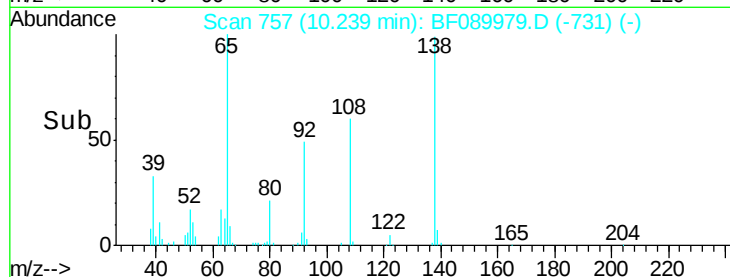
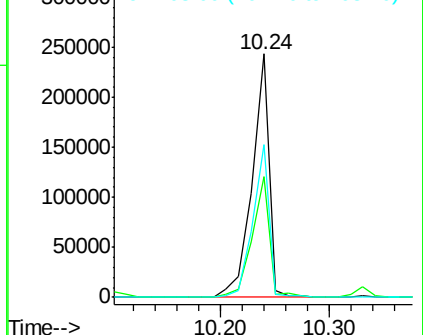
#61
4-Nitroaniline
Concen: 40.56 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 265959
Ion Ratio Lower Upper
138 100
92 49.3 21.2 61.2
108 62.6 37.7 77.7

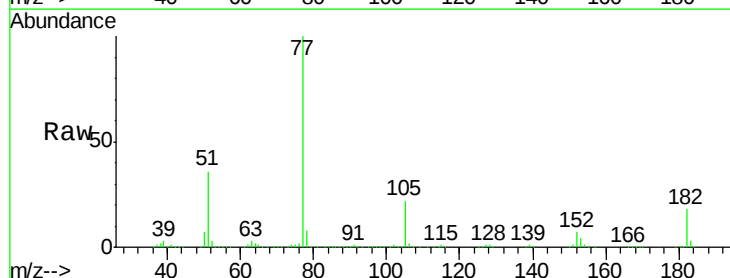


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

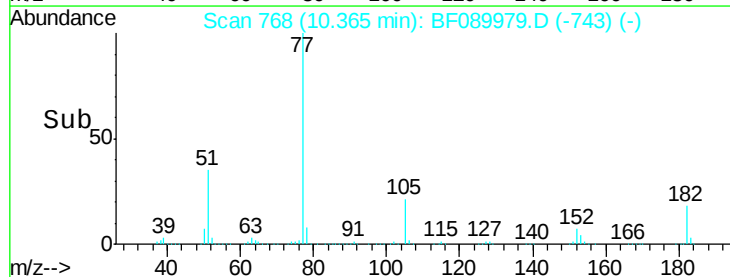
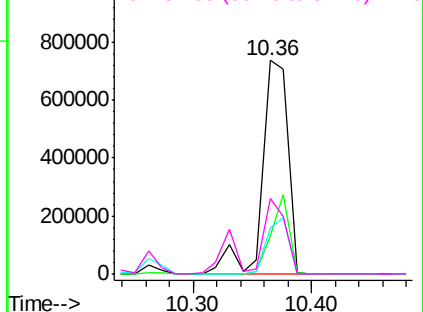


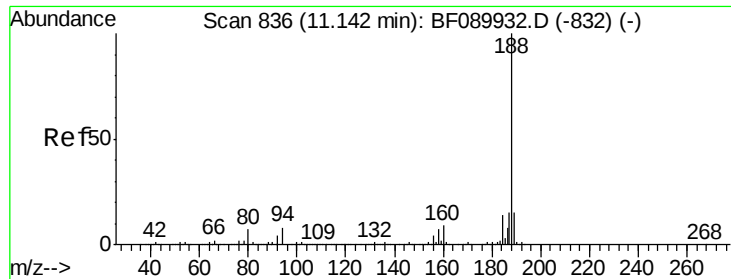
#62
Azobenzene
Concen: 45.18 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Tgt Ion: 77 Resp: 1116964
Ion Ratio Lower Upper
77 100
182 18.0 0.0 38.6
105 21.5 2.3 42.3
51 35.5 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

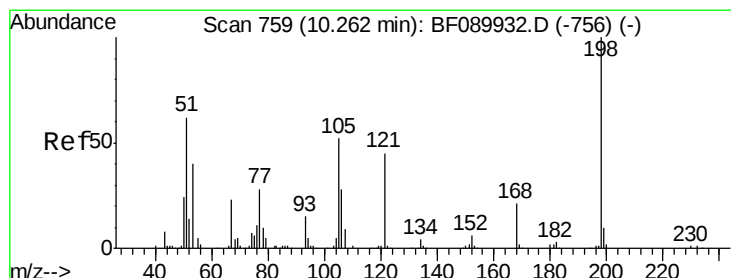
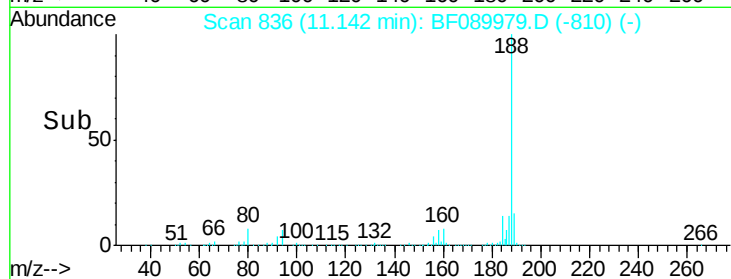
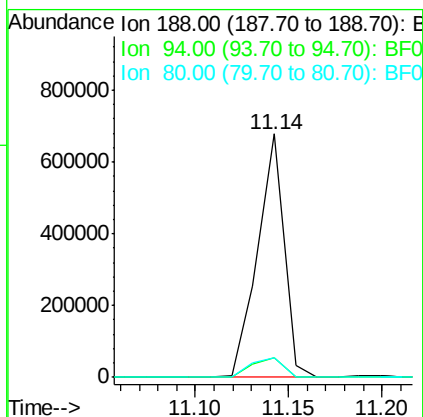
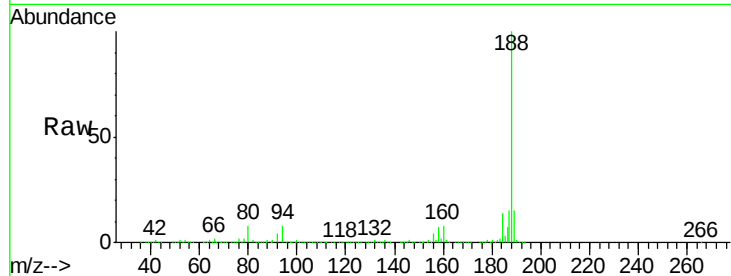




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

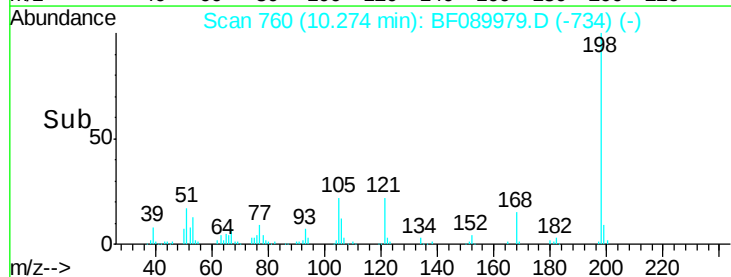
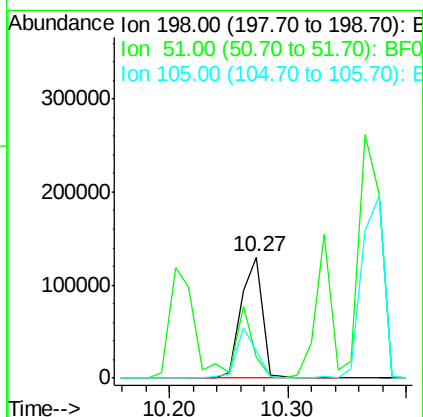
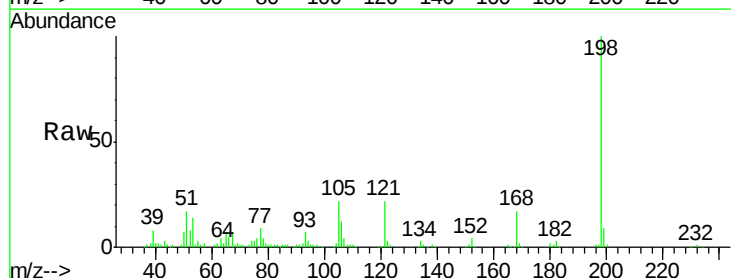
Instrument :
BNA_F
ClientSampleId :

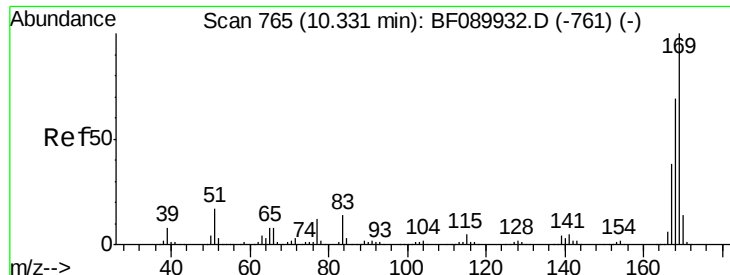
Tot Ion:188 Resp: 669354
Ion Ratio Lower Upper
188 100
94 7.8 5.9 8.9
80 7.8 5.8 8.8



#64
4,6-Dinitro-2-methylphenol
Concen: 37.64 ng
RT: 10.27 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Tgt Ion:198 Resp: 161289
Ion Ratio Lower Upper
198 100
51 17.3 43.0 83.0#
105 22.5 30.3 70.3#

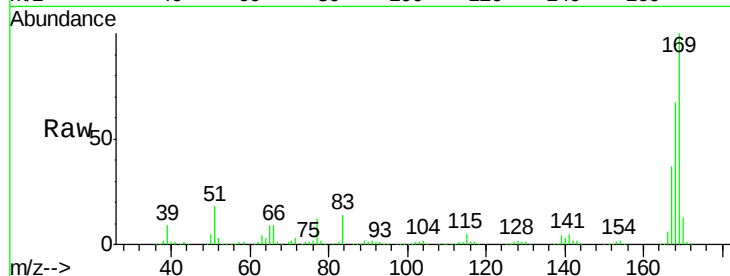




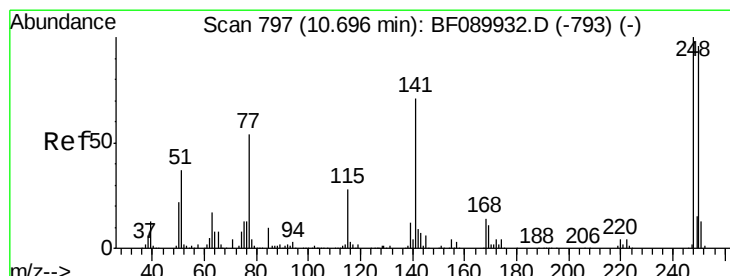
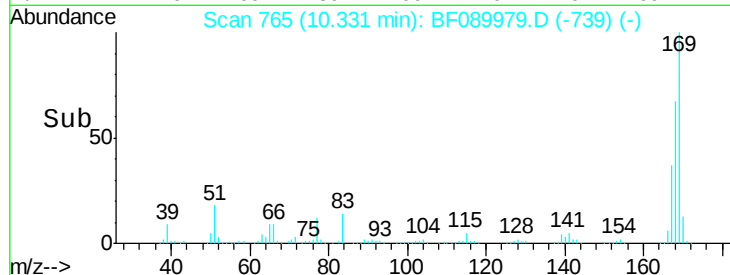
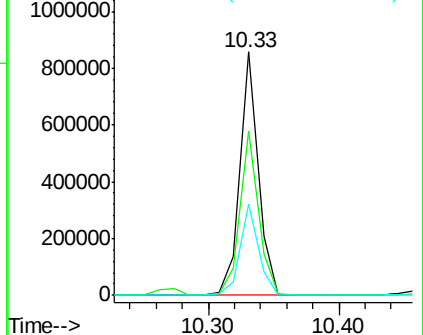
#65
 n-Nitrosodiphenylamine
 Concen: 41.41 ng
 RT: 10.33 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF089979.D
 Acq: 2 Sep 2016 17:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.4	55.0	82.4
167	37.4	30.5	45.7

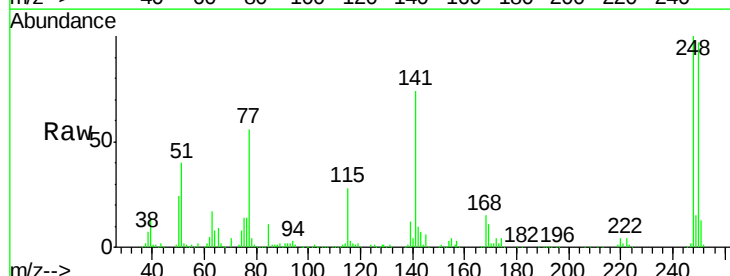


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

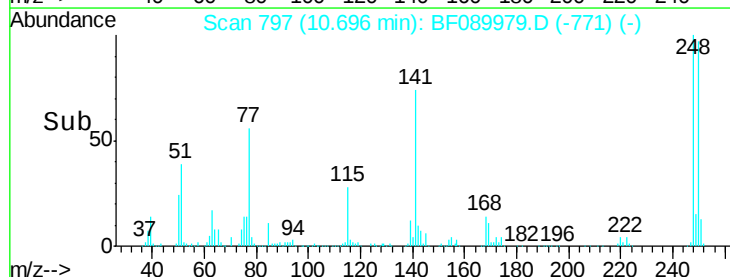
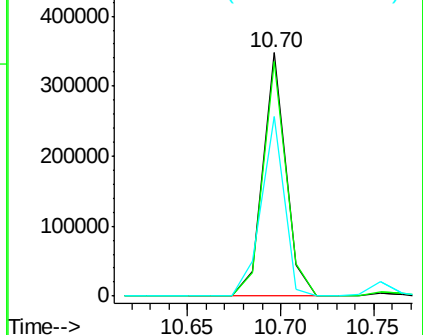


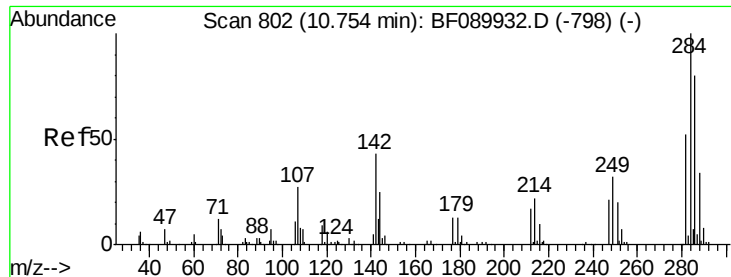
#66
 4-Bromophenyl-phenylether
 Concen: 43.75 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF089979.D
 Acq: 2 Sep 2016 17:11

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.6	77.3	115.9
141	73.9	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

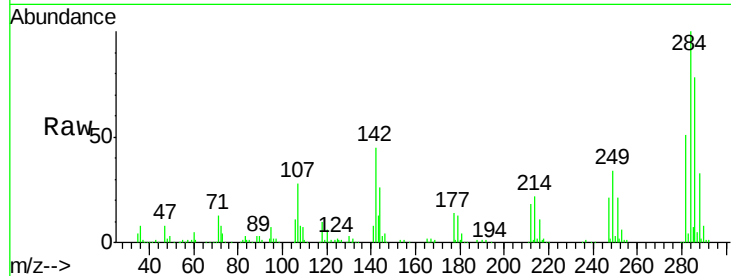




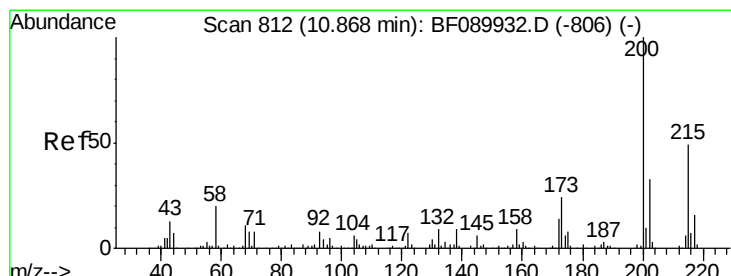
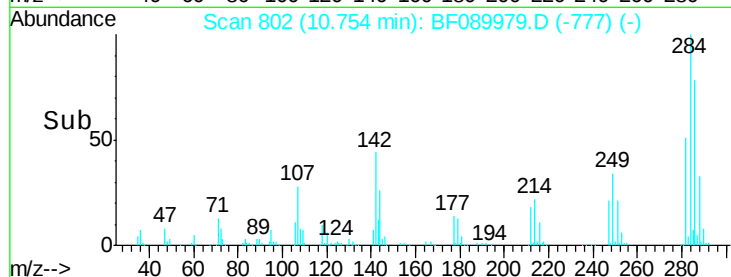
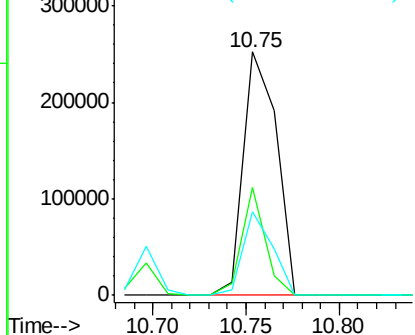
#67
Hexachlorobenzene
Concen: 40.75 ng
RT: 10.75 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 313662
Ion Ratio Lower Upper
284 100
142 44.5 32.7 49.1
249 34.1 26.9 40.3

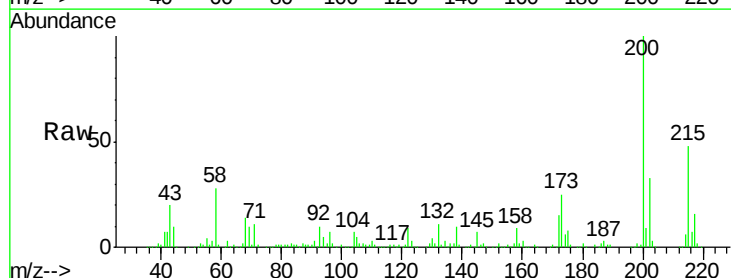


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

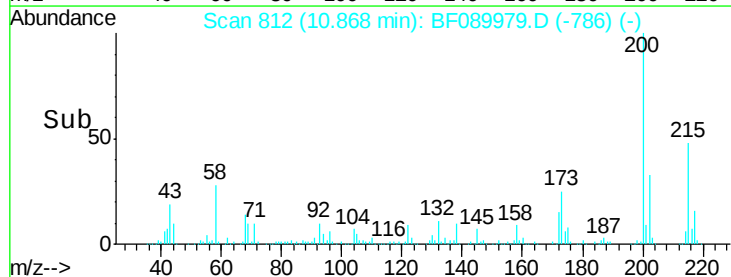
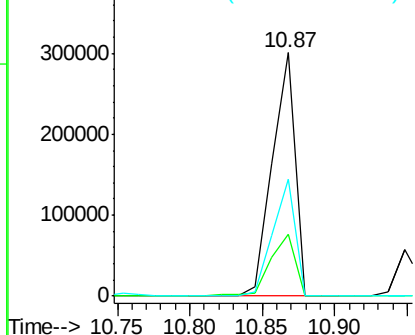


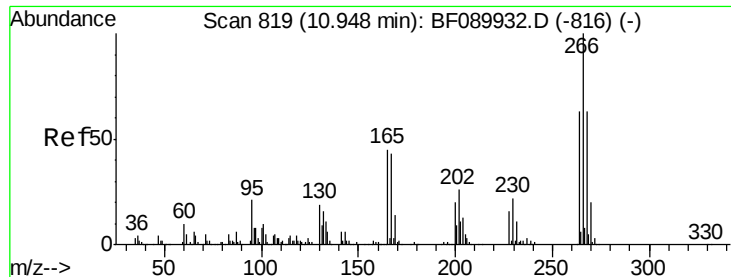
#68
Atrazine
Concen: 48.94 ng
RT: 10.87 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Tgt Ion:200 Resp: 328805
Ion Ratio Lower Upper
200 100
173 25.5 9.4 49.4
215 47.8 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

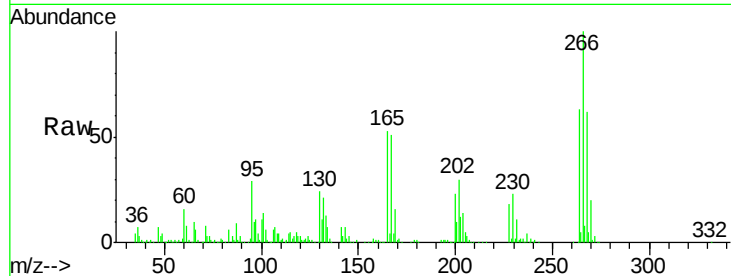




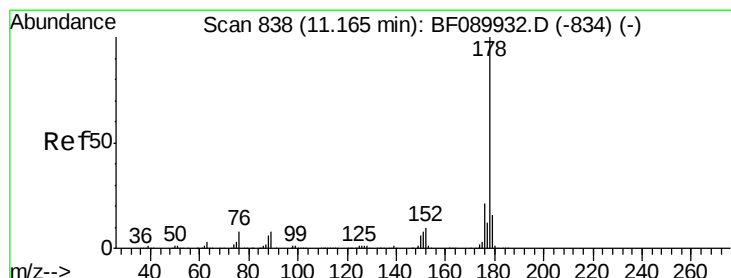
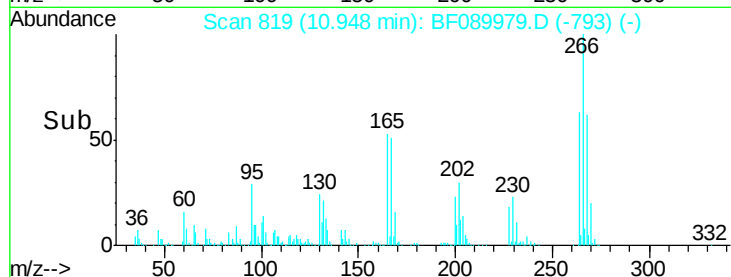
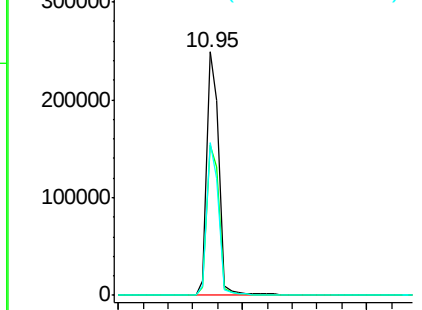
#69
 Pentachlorophenol
 Concen: 81.81 ng
 RT: 10.95 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF089979.D
 Acq: 2 Sep 2016 17:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 338788
 Ion Ratio Lower Upper
 266 100
 268 61.7 51.0 76.6
 264 62.7 50.6 75.8

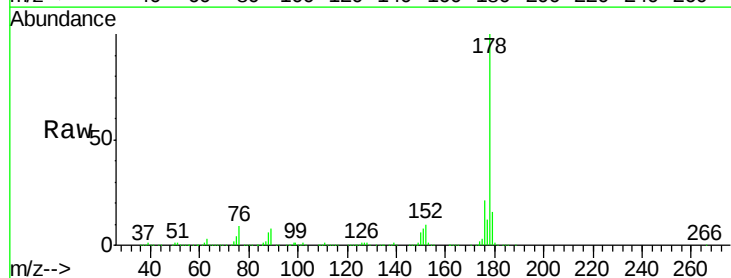


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

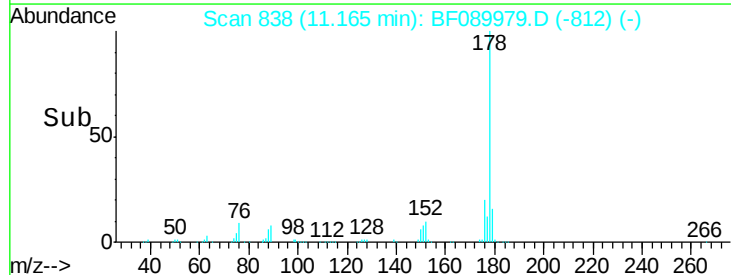
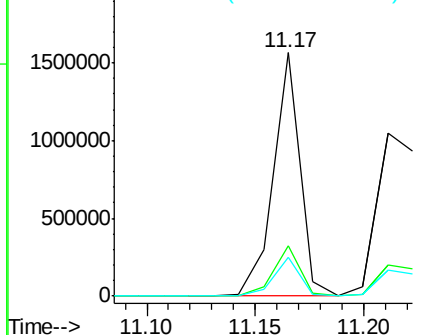


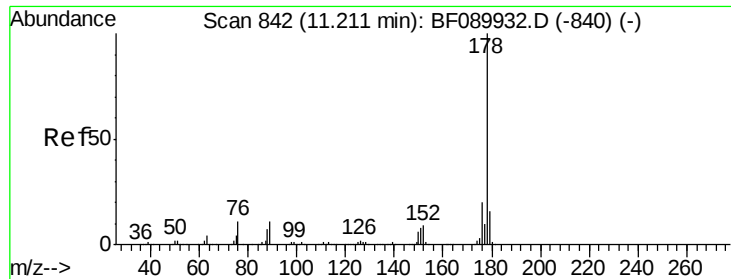
#70
 Phenanthrene
 Concen: 40.56 ng
 RT: 11.17 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF089979.D
 Acq: 2 Sep 2016 17:11

Tgt Ion:178 Resp: 1351903
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.5 24.7
 179 15.7 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: 41.86 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Instrument :

BNA_F

ClientSampleId :

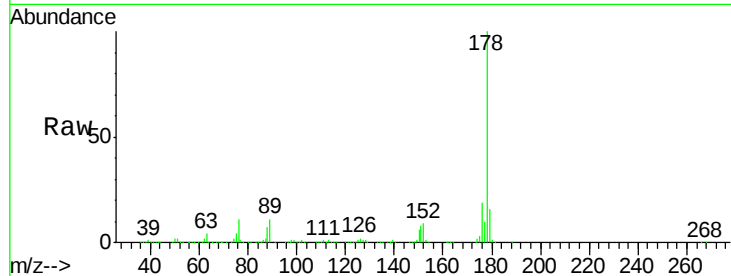
Tot Ion:178 Resp: 1415295

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

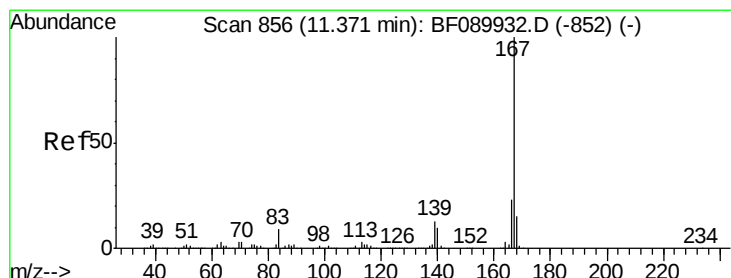
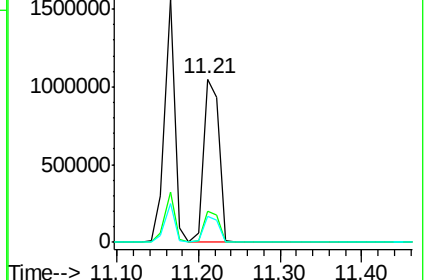
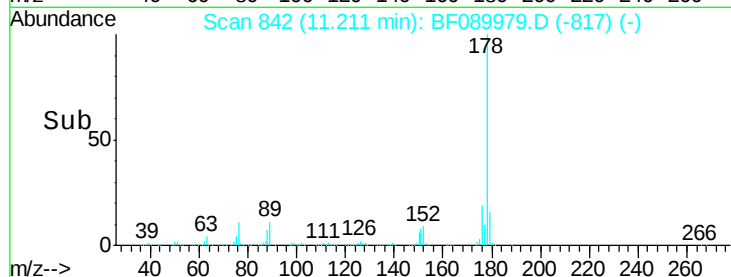
179 15.7 13.0 19.4



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: 37.69 ng

RT: 11.37 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

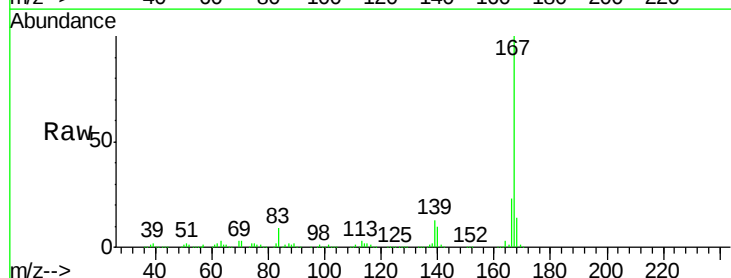
Tgt Ion:167 Resp: 1194743

Ion Ratio Lower Upper

167 100

166 22.7 18.1 27.1

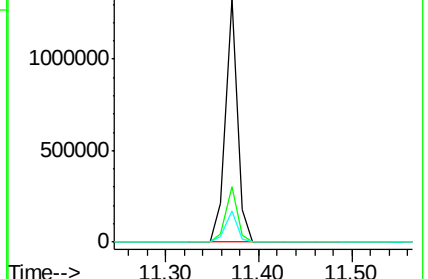
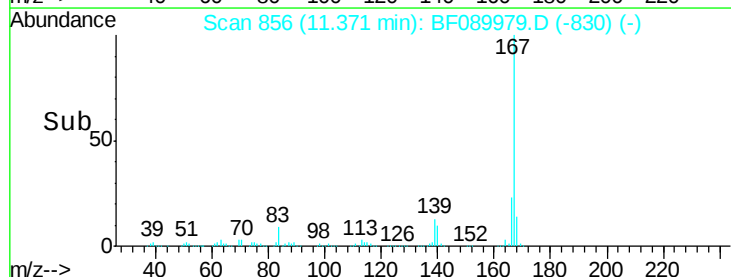
139 13.0 10.4 15.6

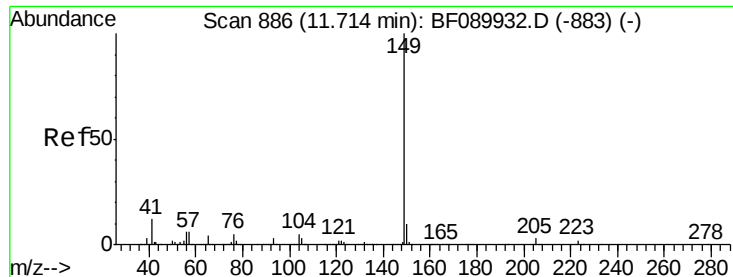


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.72 ng

RT: 11.73 min Scan# 887

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Instrument :

BNA_F

ClientSampleId :

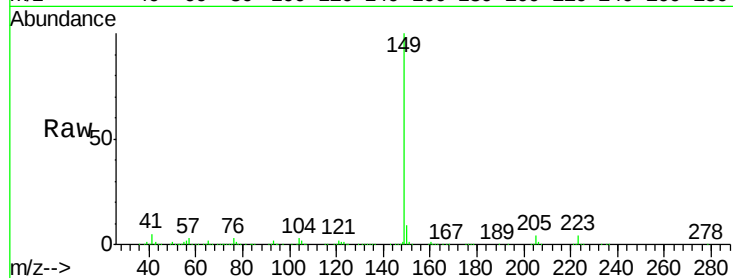
Tot Ion:149 Resp: 1652445

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.8

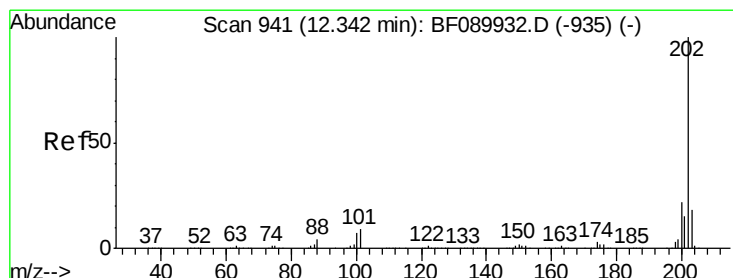
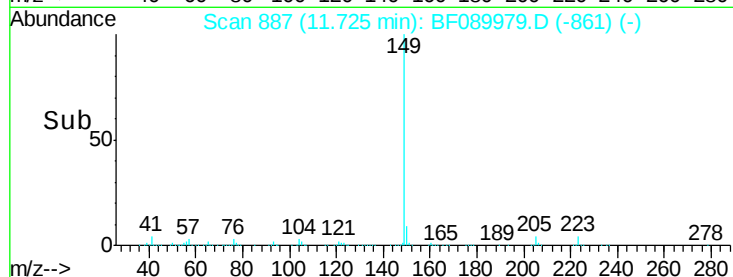
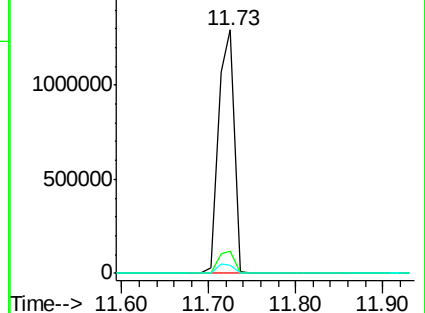
104 3.4 3.9 5.9#



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: 40.54 ng

RT: 12.34 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

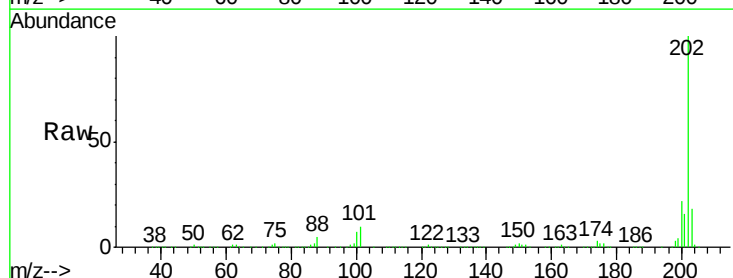
Tgt Ion:202 Resp: 1415994

Ion Ratio Lower Upper

202 100

101 10.4 0.0 28.5

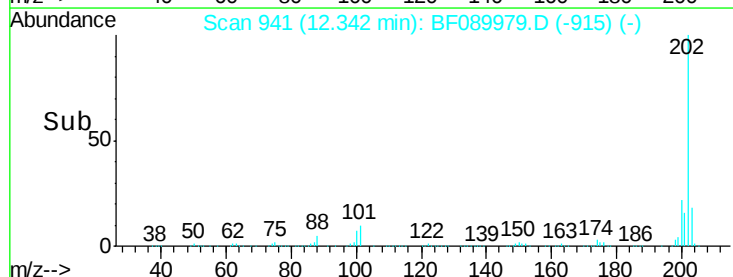
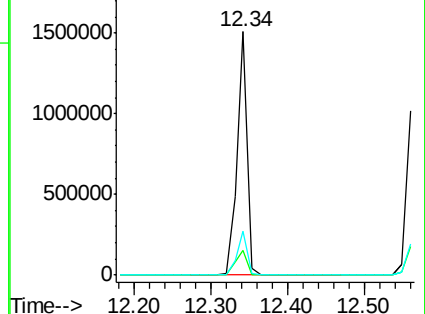
203 17.8 0.0 38.0

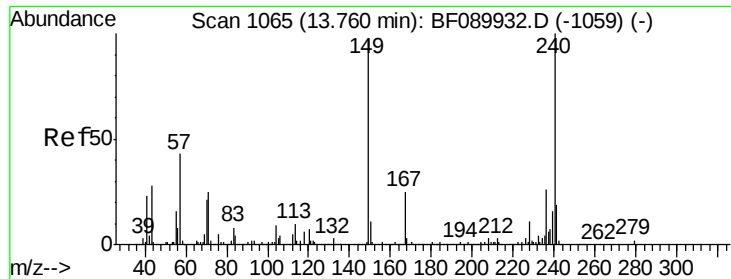


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF089979.D

Acq: 2 Sep 2016 17:11

Instrument :

BNA_F

ClientSampleId :

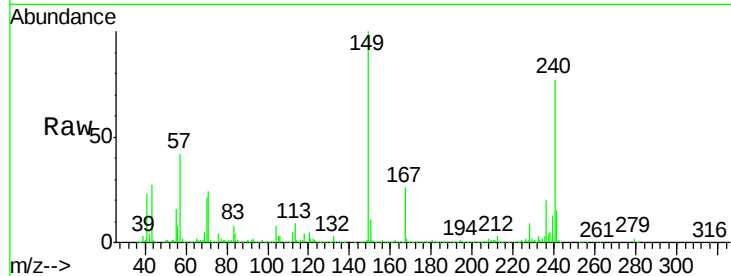
Tot Ion:240 Resp: 421670

Ion Ratio Lower Upper

240 100

120 6.7 5.7 8.5

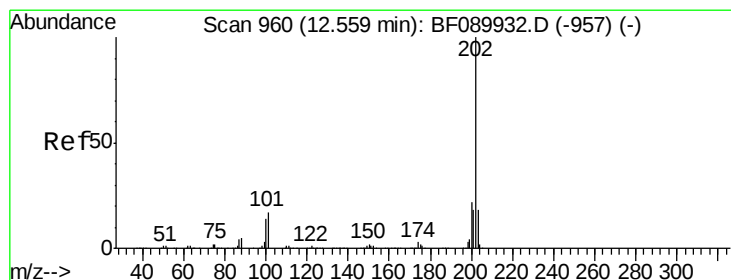
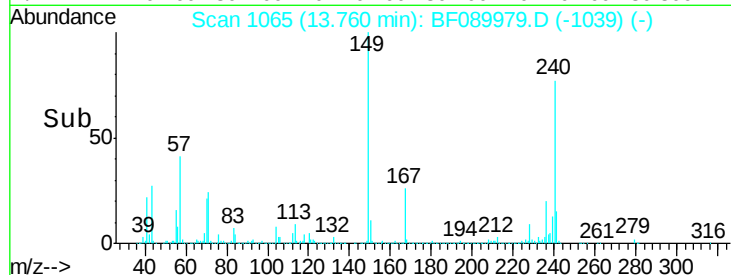
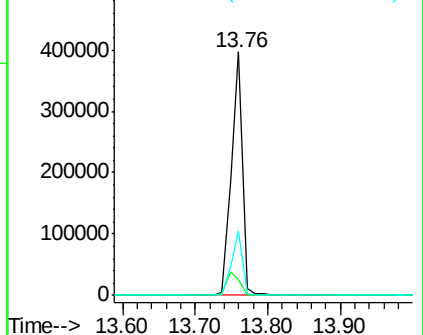
236 26.4 21.3 31.9



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



#77

Pyrene

Concen: 44.94 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

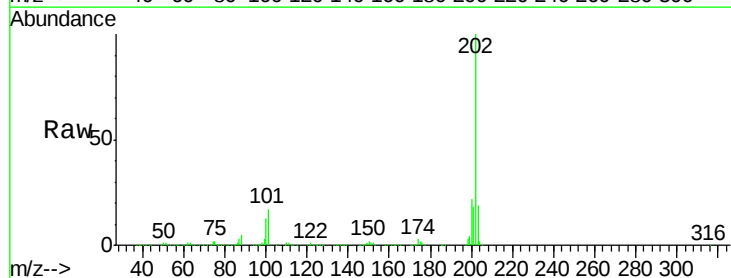
Tgt Ion:202 Resp: 1336054

Ion Ratio Lower Upper

202 100

200 22.1 17.6 26.4

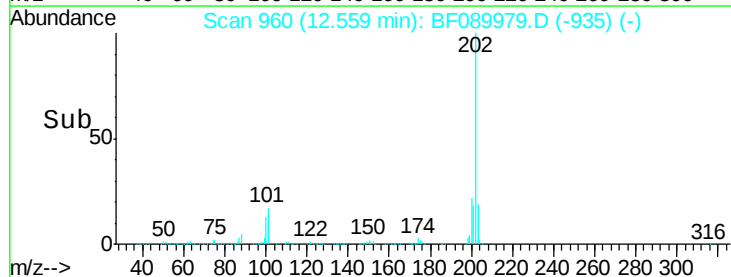
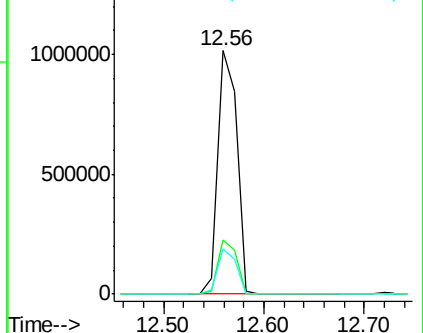
203 18.6 14.6 21.8

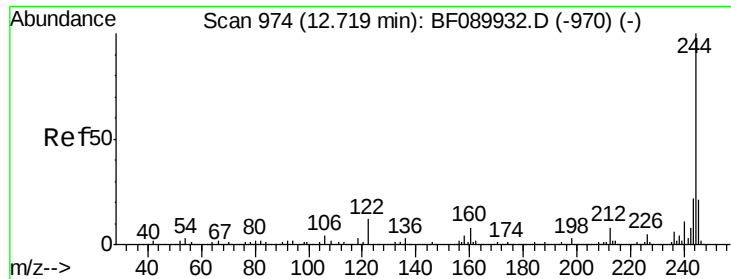


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

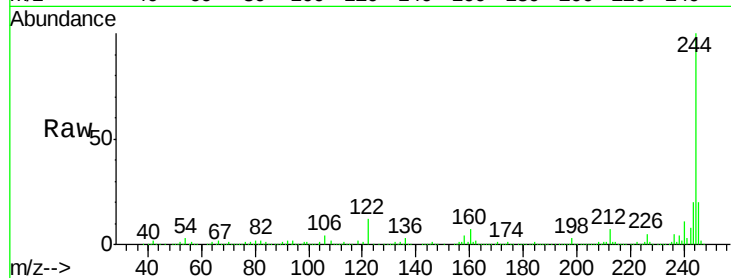




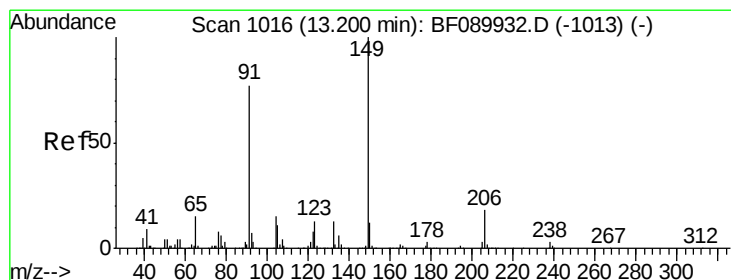
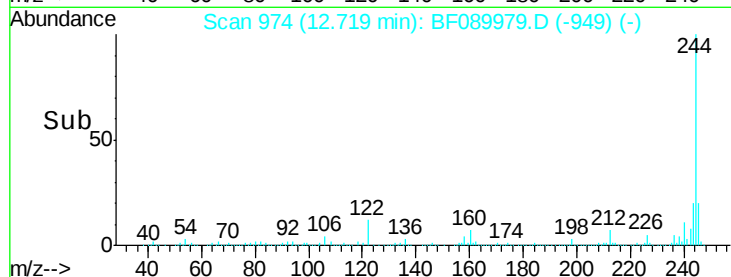
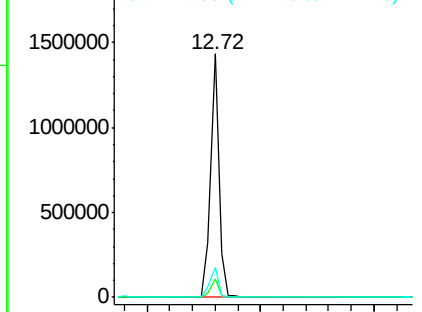
#78
 Terphenyl-d14
 Concen: 82.60 ng
 RT: 12.72 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF089979.D
 Acq: 2 Sep 2016 17:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1409920
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 12.0 9.6 14.4

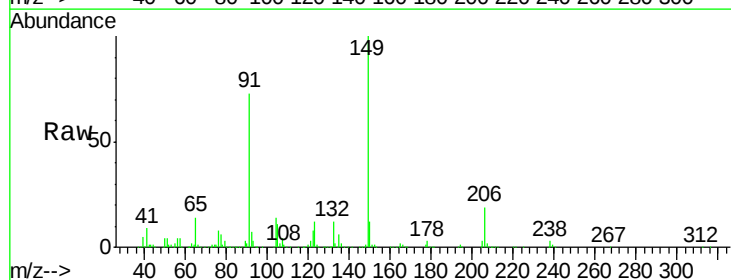


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

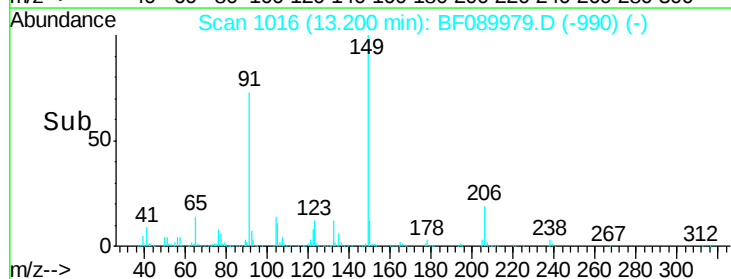
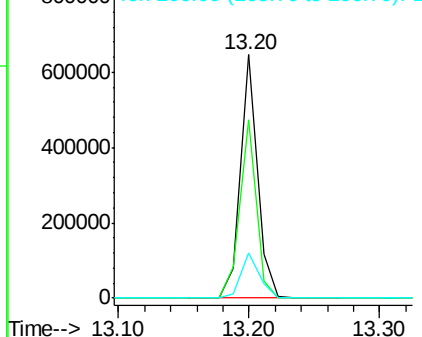


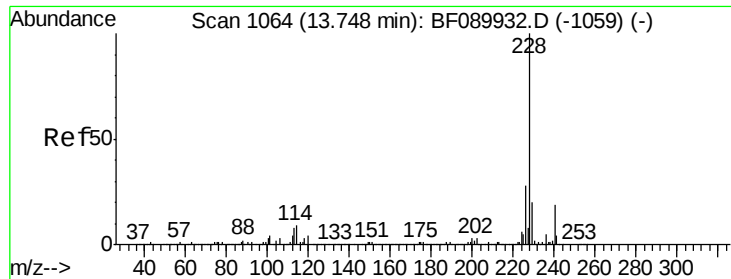
#79
 Butylbenzylphthalate
 Concen: 48.74 ng
 RT: 13.20 min Scan# 1016
 Delta R.T. 0.00 min
 Lab File: BF089979.D
 Acq: 2 Sep 2016 17:11

Tgt Ion:149 Resp: 584428
 Ion Ratio Lower Upper
 149 100
 91 73.3 60.0 90.0
 206 18.8 15.1 22.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF0
 Ion 206.00 (205.70 to 206.70): E

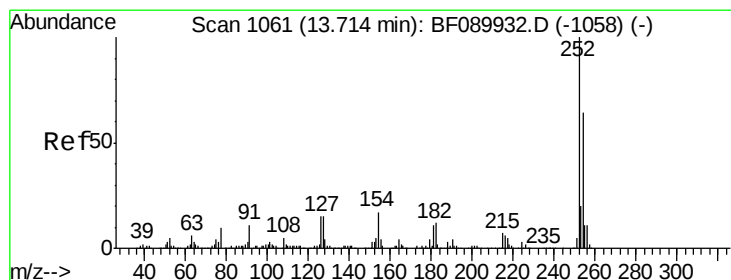
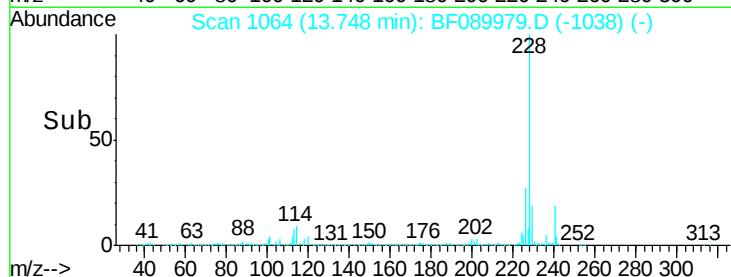
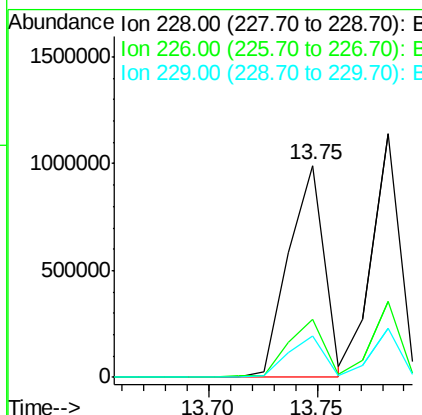
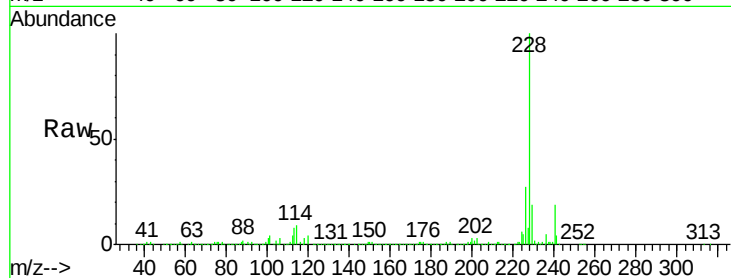




#80
Benzo(a)anthracene
Concen: 43.74 ng
RT: 13.75 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

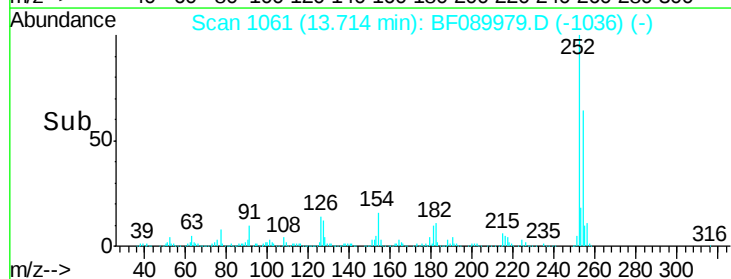
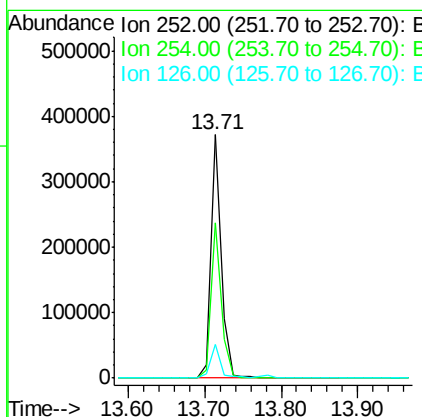
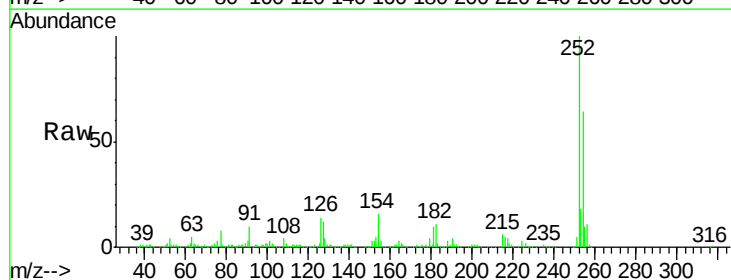
Instrument :
BNA_F
ClientSampleId :

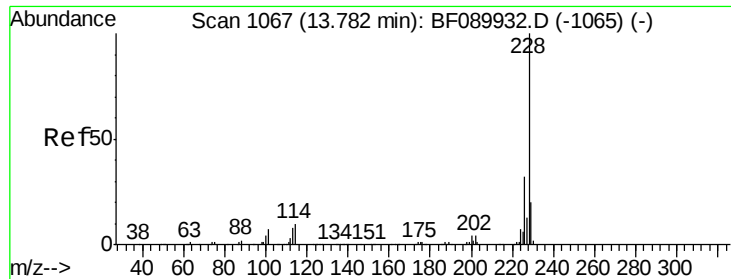
Tot Ion:228 Resp: 1129567
Ion Ratio Lower Upper
228 100
226 27.4 22.2 33.2
229 19.4 15.8 23.6



#81
3,3'-Dichlorobenzidine
Concen: 36.58 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Tgt Ion:252 Resp: 341035
Ion Ratio Lower Upper
252 100
254 63.6 51.3 76.9
126 13.7 12.3 18.5





#82

Chrysene

Concen: 43.76 ng

RT: 13.78 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Instrument :

BNA_F

ClientSampleId :

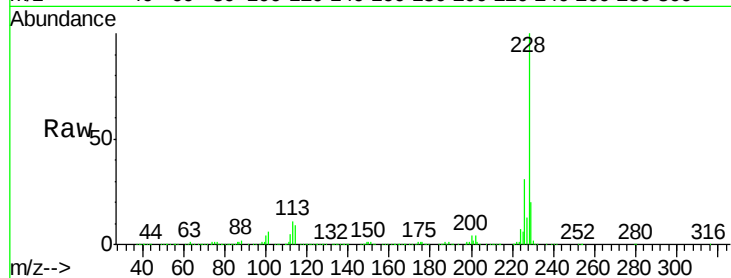
Tot Ion:228 Resp: 1055605

Ion Ratio Lower Upper

228 100

226 31.2 25.2 37.8

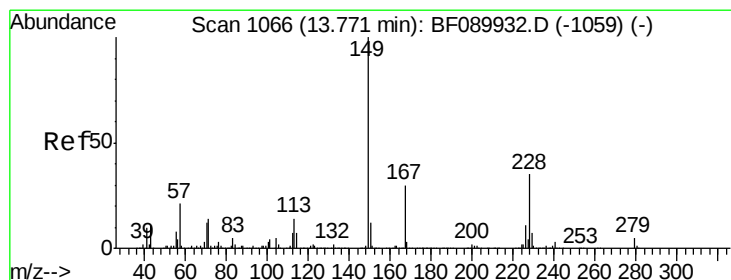
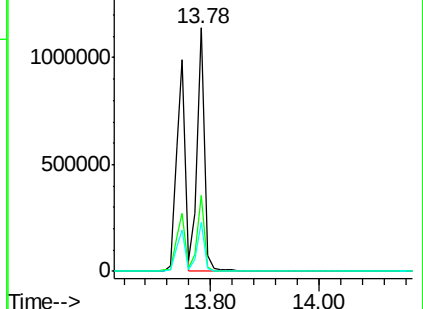
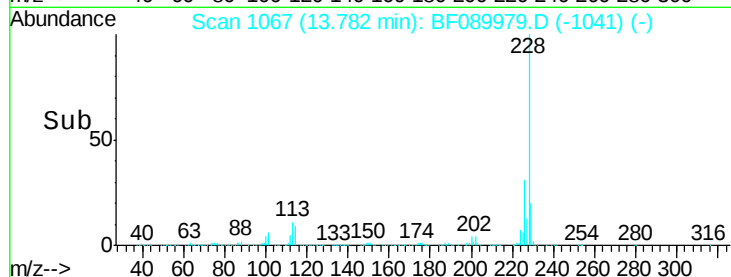
229 20.2 16.2 24.2



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: 49.43 ng

RT: 13.77 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

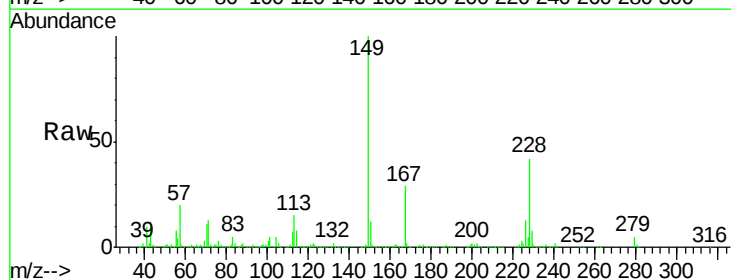
Tgt Ion:149 Resp: 819739

Ion Ratio Lower Upper

149 100

167 29.4 23.6 35.4

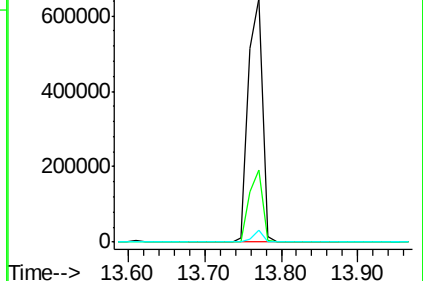
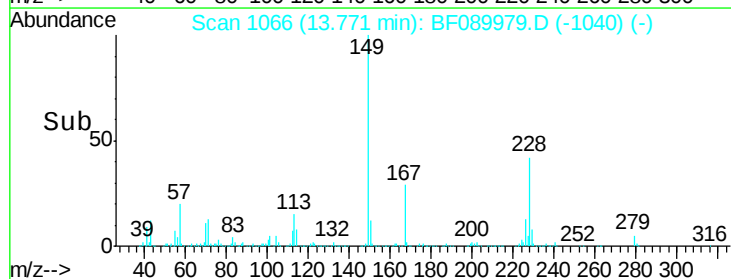
279 4.7 3.4 5.2

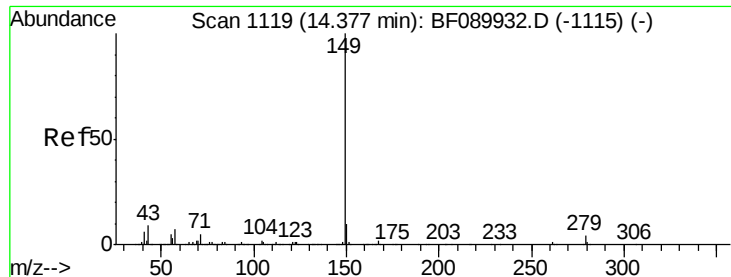


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 49.91 ng

RT: 14.38 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

Instrument :

BNA_F

ClientSampleId :

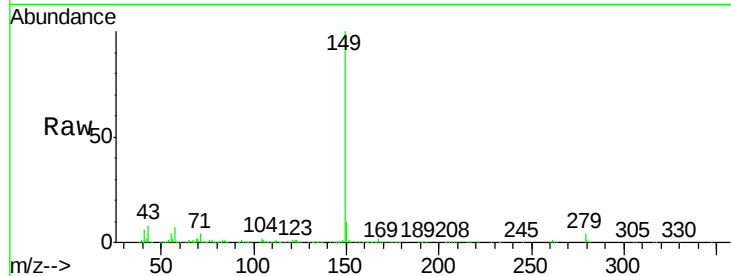
Tot Ion:149 Resp: 1335883

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

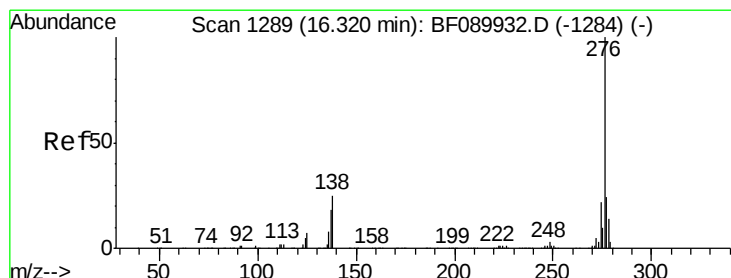
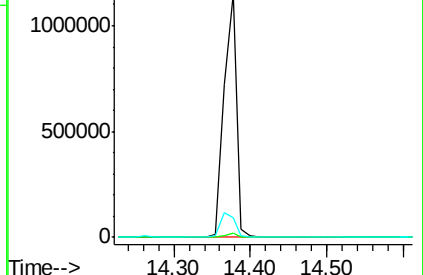
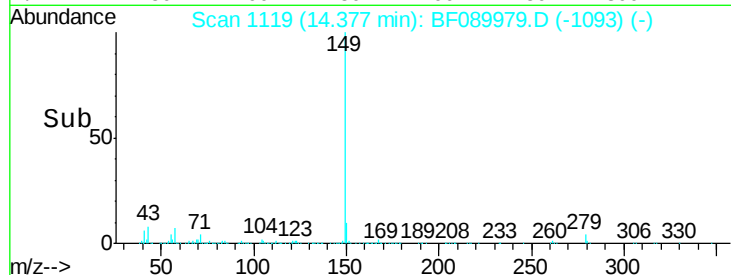
43 11.2 9.3 13.9



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: 59.92 ng

RT: 16.33 min Scan# 1290

Delta R.T. 0.00 min

Lab File: BF089979.D

Acq: 2 Sep 2016 17:11

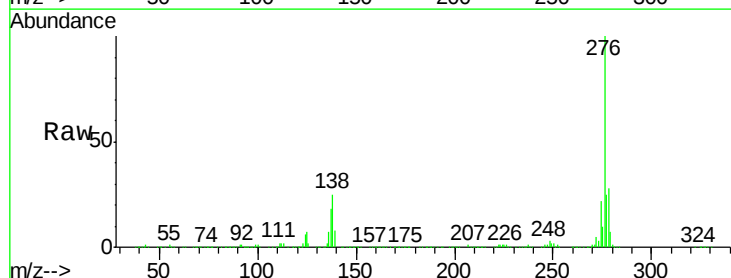
Tgt Ion:276 Resp: 1068787

Ion Ratio Lower Upper

276 100

138 28.6 22.6 34.0

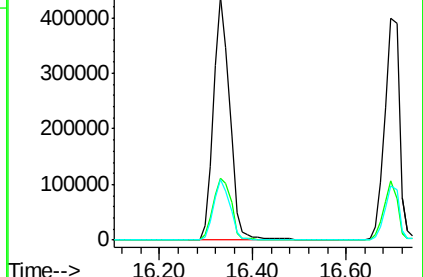
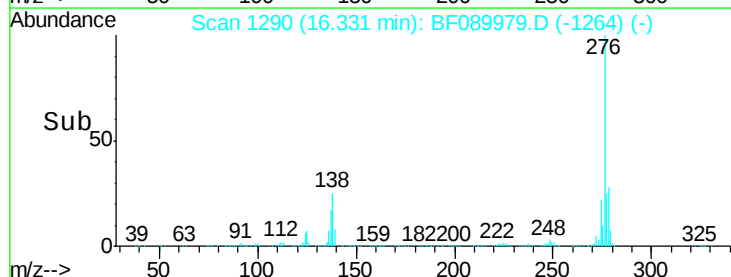
277 25.6 20.1 30.1

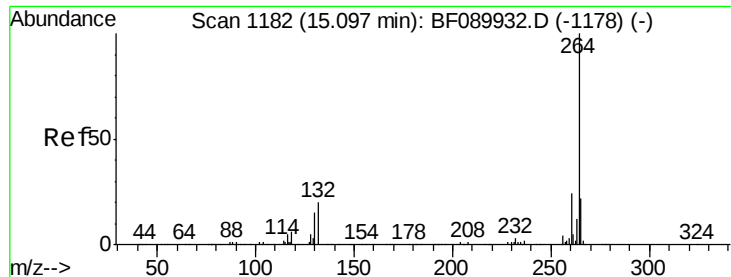


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

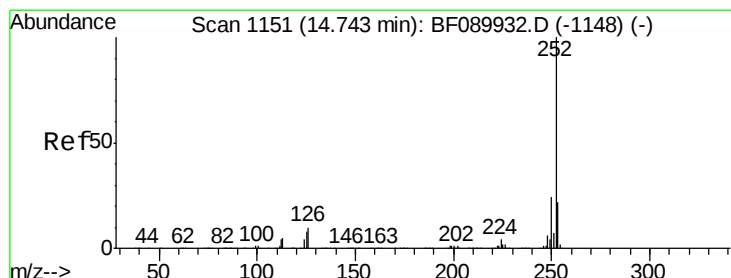
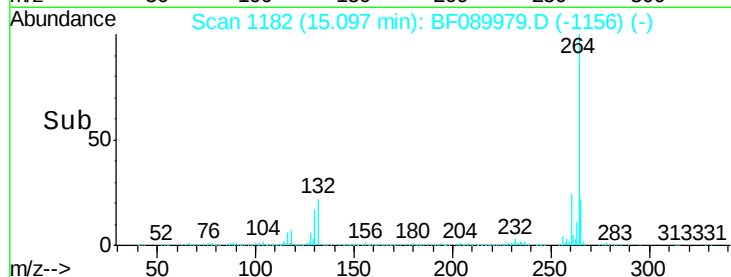
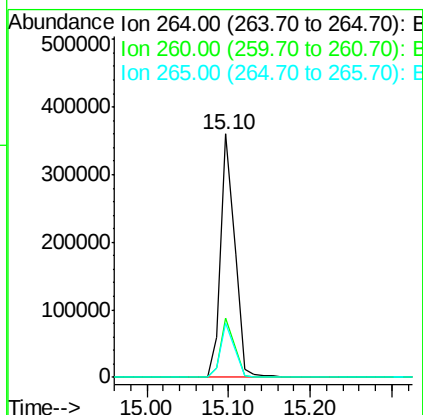
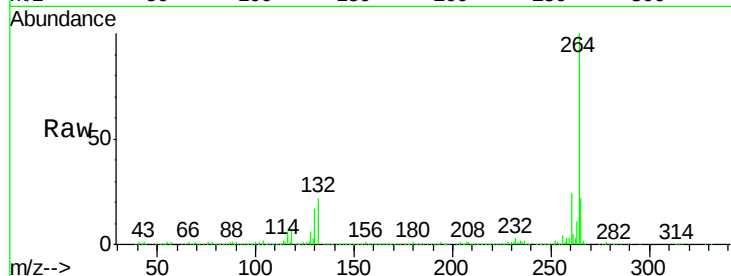




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

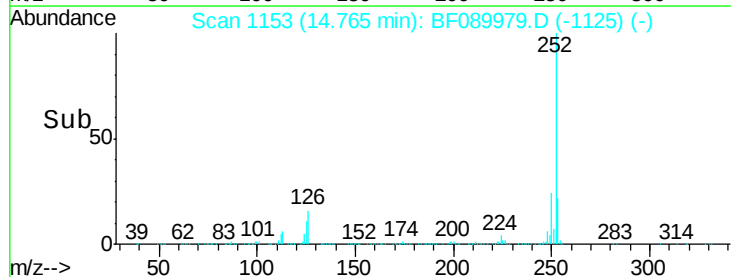
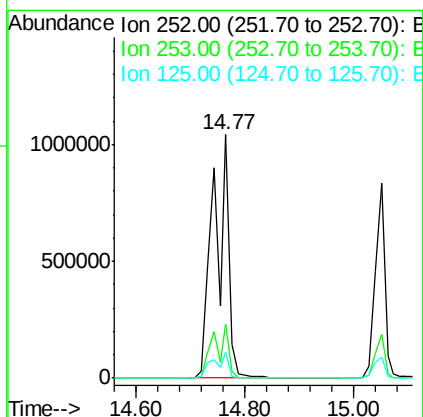
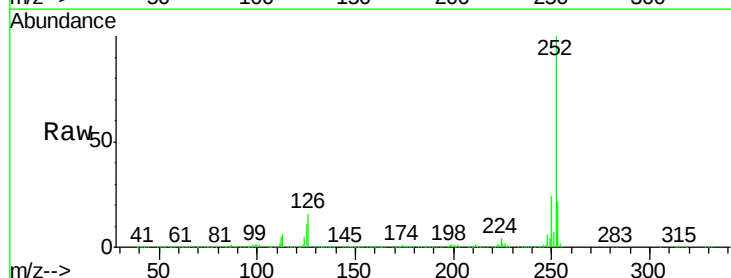
Instrument :
BNA_F
ClientSampled :

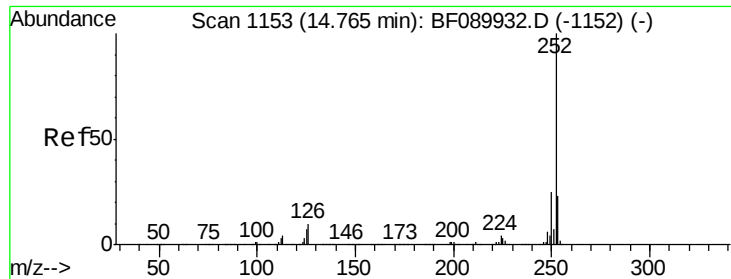
Tot Ion:264 Resp: 430735
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.0
265 22.1 17.4 26.2



#87
Benzo(b)fluoranthene
Concen: 75.98 ng
RT: 14.77 min Scan# 1153
Delta R.T. 0.02 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Tgt Ion:252 Resp: 2050355
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 10.8 5.7 8.5#

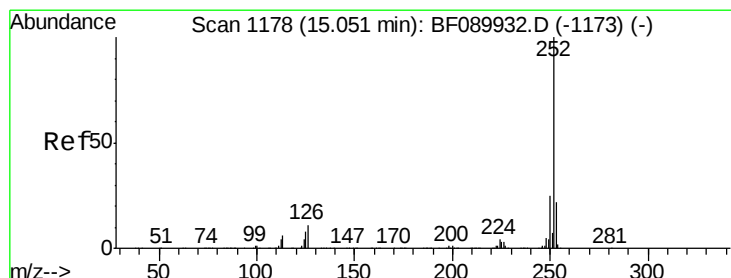
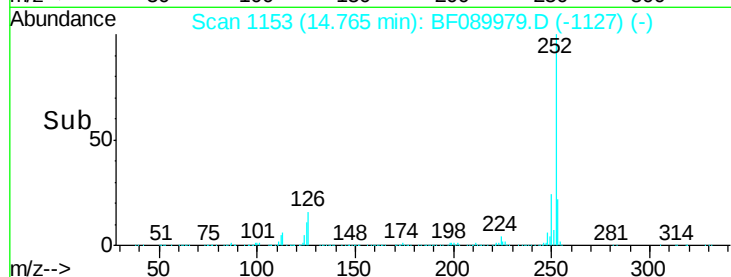
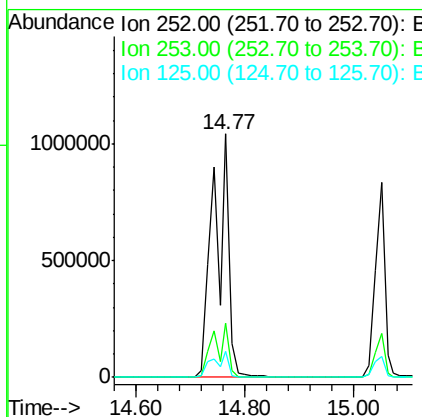
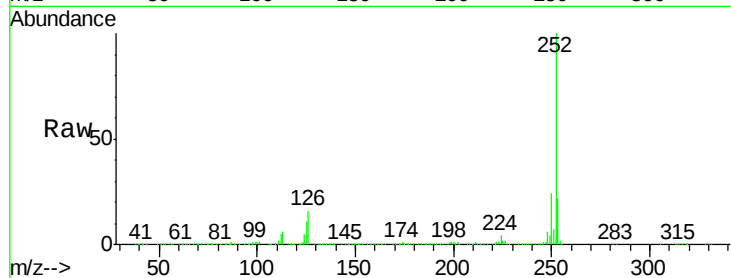




#88
Benzo(k)fluoranthene
Concen: 89.54 ng
RT: 14.77 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

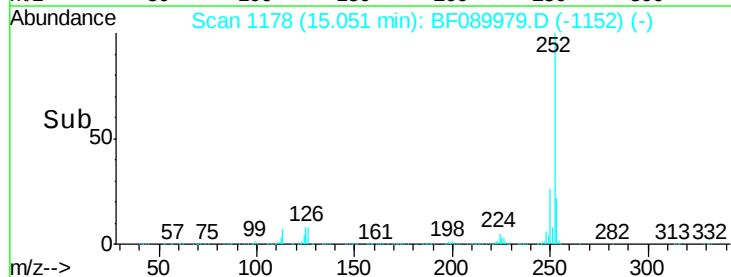
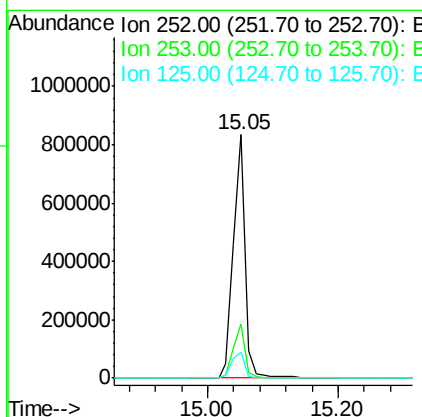
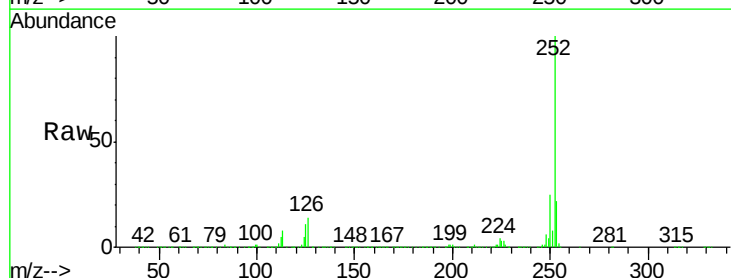
Instrument :
BNA_F
ClientSampled :

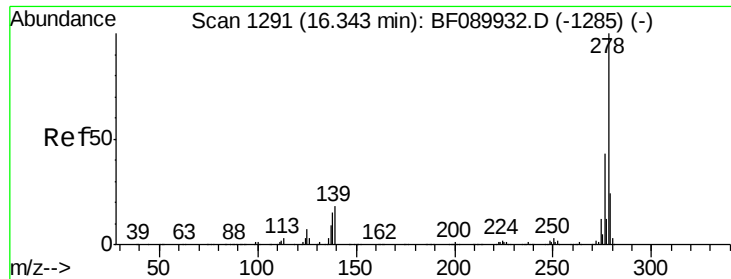
Tot Ion:252 Resp: 2050355
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 10.8 7.3 10.9



#89
Benzo(a)pyrene
Concen: 43.91 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Tgt Ion:252 Resp: 1015195
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 10.6 6.3 9.5#

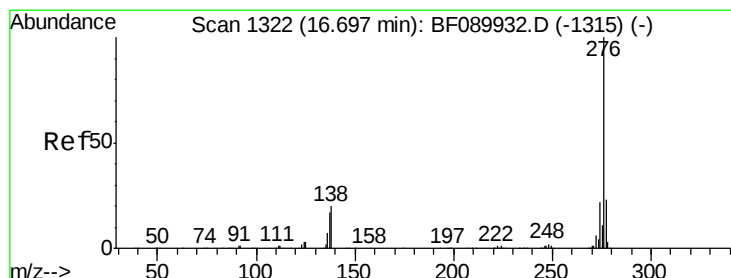
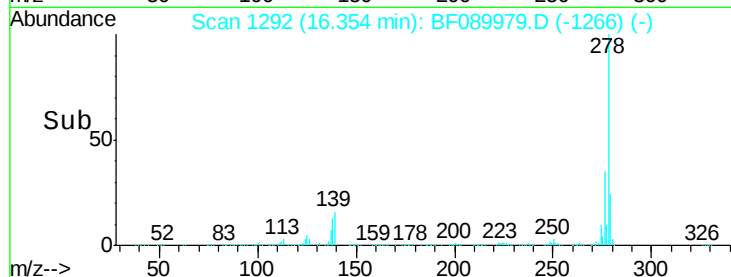
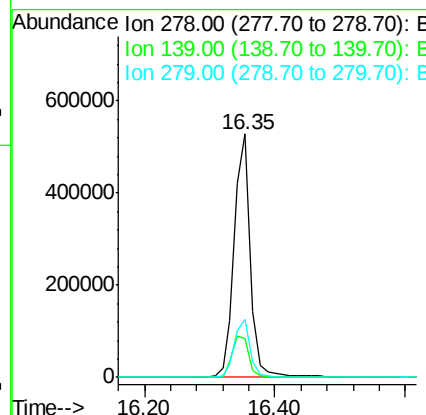
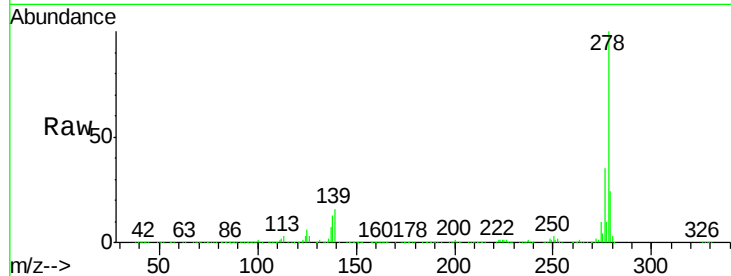




#90
Dibenzo(a,h)anthracene
Concen: 53.29 ng
RT: 16.35 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 902763
Ion Ratio Lower Upper
278 100
139 15.7 13.4 20.2
279 24.0 19.4 29.2



#91
Benzo(g,h,i)perylene
Concen: 51.29 ng
RT: 16.70 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF089979.D
Acq: 2 Sep 2016 17:11

Tgt Ion:276 Resp: 874453
Ion Ratio Lower Upper
276 100
277 24.6 19.0 28.4
138 27.0 16.4 24.6#

