

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090616\
 Data File : BF089990.D
 Acq On : 6 Sep 2016 15:09
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 06 17:30:19 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	6.62	152	207661	20.00	ng	-0.02
21) Naphthalene-d8	7.91	136	863227	20.00	ng	-0.02
38) Acenaphthene-d10	9.66	164	432111	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	797659	20.00	ng	-0.02
75) Chrysene-d12	13.74	240	625657	20.00	ng	-0.02
86) Perylene-d12	15.07	264	561944	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1050501	80.97	ng	-0.02
7) Phenol-d6	6.27	99	1215398	77.10	ng	-0.01
23) Nitrobenzene-d5	7.19	82	1134363	76.21	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	326308	76.54	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	2043238	77.62	ng	-0.02
78) Terphenyl-d14	12.71	244	1941228	76.65	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.07	88	241545	39.30	ng	96
3) Pyridine	2.70	79	617047	37.63	ng	98
4) n-Nitrosodimethylamine	2.65	42	298802	36.95	ng	96
6) Aniline	6.28	93	812979	37.80	ng	98
8) 2-Chlorophenol	6.40	128	557016	39.57	ng	85
9) Benzaldehyde	6.16	77	389231	38.27	ng	96
10) Phenol	6.28	94	671090	36.61	ng	84
11) bis(2-Chloroethyl)ether	6.36	93	569487	41.05	ng	94
12) 1,3-Dichlorobenzene	6.64	146	655404	41.69	ng	98
13) 1,4-Dichlorobenzene	6.64	146	656310	40.81	ng	94
14) 1,2-Dichlorobenzene	6.79	146	557601	38.67	ng	97
15) Benzyl Alcohol	6.78	79	408527	41.37	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1008841	38.14	ng	88
17) 2-Methylphenol	6.90	107	459102	40.84	ng	95
18) Hexachloroethane	7.13	117	216121	39.23	ng	96
19) n-Nitroso-di-n-propylamine	7.05	70	374368	36.44	ng	90
20) 3+4-Methylphenols	7.05	107	580790	42.63	ng	# 85
22) Acetophenone	7.04	105	730429	37.72	ng	# 91
24) Nitrobenzene	7.21	77	591665	37.39	ng	93
25) Isophorone	7.45	82	1129009	37.30	ng	97
26) 2-Nitrophenol	7.53	139	339300	44.86	ng	# 82
27) 2,4-Dimethylphenol	7.58	122	530993	37.95	ng	100
28) bis(2-Chloroethoxy)methane	7.68	93	700050	38.35	ng	99
29) 2,4-Dichlorophenol	7.77	162	495121	39.47	ng	99
30) 1,2,4-Trichlorobenzene	7.85	180	525437	38.31	ng	96
31) Naphthalene	7.93	128	1637805	38.08	ng	99
32) Benzoic acid	7.74	122	444244	47.13	ng	98
33) 4-Chloroaniline	7.99	127	714472	41.18	ng	97
34) Hexachlorobutadiene	8.06	225	327527	40.75	ng	98
35) Caprolactam	8.36	113	143119	36.15	ng	91
36) 4-Chloro-3-methylphenol	8.48	107	524628	39.49	ng	85
37) 2-Methylnaphthalene	8.62	142	1018827	35.85	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	532194	42.04	ng	99
40) Hexachlorocyclopentadiene	8.78	237	310890	47.90	ng	97

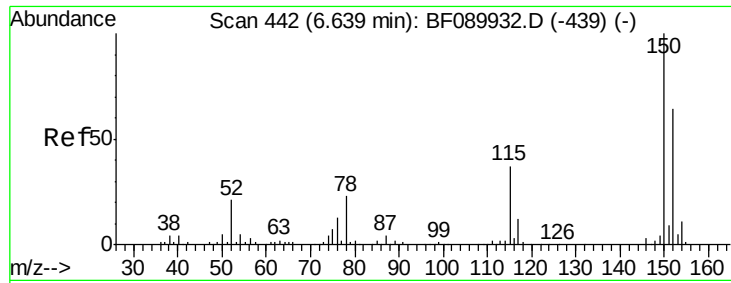
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090616\
 Data File : BF089990.D
 Acq On : 6 Sep 2016 15:09
 Operator : UM/SJ
 Sample : SSTDCCC040
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 BNA_F
 ClientSampleId :

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	376446	42.91	nq	99
43) 2,4,5-Trichlorophenol	8.94	196	362670	42.99	nq	97
45) 1,1'-Biphenyl	9.08	154	1345145	38.66	nq	97
46) 2-Chloronaphthalene	9.11	162	1039271	42.23	nq	94
47) 2-Nitroaniline	9.21	65	329507	40.96	nq	# 58
48) Acenaphthylene	9.52	152	1570019	38.58	nq	98
49) Dimethylphthalate	9.39	163	1118714	35.82	nq	100
50) 2,6-Dinitrotoluene	9.45	165	284724	40.99	nq	93
51) Acenaphthene	9.69	154	1072084	41.58	nq	99
52) 3-Nitroaniline	9.62	138	339291	42.83	nq	# 74
53) 2,4-Dinitrophenol	9.72	184	152821	43.12	nq	# 52
54) Dibenzofuran	9.86	168	1302338	37.69	nq	91
55) 4-Nitrophenol	9.79	139	272713	45.64	nq	# 76
56) 2,4-Dinitrotoluene	9.85	165	382013	43.37	nq	97
57) Fluorene	10.19	166	877115	34.74	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.98	232	282017	39.05	nq	99
59) Diethylphthalate	10.09	149	1181948	40.23	nq	98
60) 4-Chlorophenyl-phenylether	10.19	204	441190	37.13	nq	# 87
61) 4-Nitroaniline	10.23	138	286682	36.83	nq	90
62) Azobenzene	10.35	77	1139868	38.84	nq	92
64) 4,6-Dinitro-2-methylphenol	10.25	198	197939	38.76	nq	97
65) n-Nitrosodiphenylamine	10.32	169	1020509	42.56	nq	99
66) 4-Bromophenyl-phenylether	10.68	248	328070	40.85	nq	# 82
67) Hexachlorobenzene	10.74	284	391137	42.64	nq	# 81
68) Atrazine	10.84	200	289938	36.22	nq	99
69) Pentachlorophenol	10.94	266	241092	48.86	nq	98
70) Phenanthrene	11.14	178	1443884	36.35	nq	99
71) Anthracene	11.20	178	1627294	40.39	nq	99
72) Carbazole	11.36	167	1580626	41.84	nq	100
73) Di-n-butylphthalate	11.70	149	1741352	39.55	nq	99
74) Fluoranthene	12.32	202	1470347	35.32	nq	96
76) Benzidine	12.46	184	943140	39.79	nq	96
77) Pyrene	12.55	202	1671945	37.90	nq	99
79) Butylbenzylphthalate	13.19	149	733152	41.21	nq	# 74
80) Benzo(a)anthracene	13.73	228	1452120	37.89	nq	99
81) 3,3'-Dichlorobenzidine	13.70	252	609812	44.09	nq	# 97
82) Chrysene	13.76	228	1293017	36.12	nq	99
83) Bis(2-ethylhexyl)phthalate	13.75	149	978003	39.75	nq	# 97
84) Di-n-octyl phthalate	14.35	149	1706564	42.97	nq	98
85) Indeno(1,2,3-cd)pyrene	16.30	276	1103222	41.69	nq	99
87) Benzo(b)fluoranthene	14.72	252	2502724	71.09	nq	# 97
88) Benzo(k)fluoranthene	14.72	252	2504312	83.83	nq	98
89) Benzo(a)pyrene	15.03	252	1235625	40.97	nq	# 99
90) Dibenzo(a,h)anthracene	16.31	278	891079	40.32	nq	97
91) Benzo(g,h,i)perylene	16.66	276	885767	39.82	nq	96

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

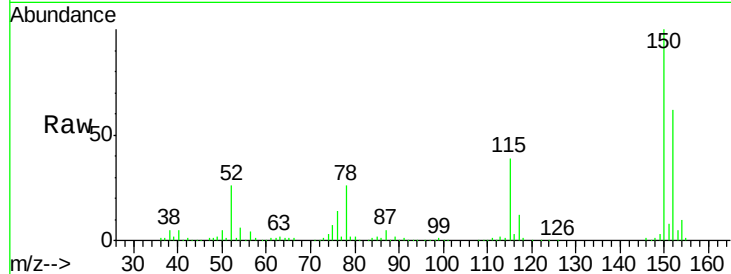


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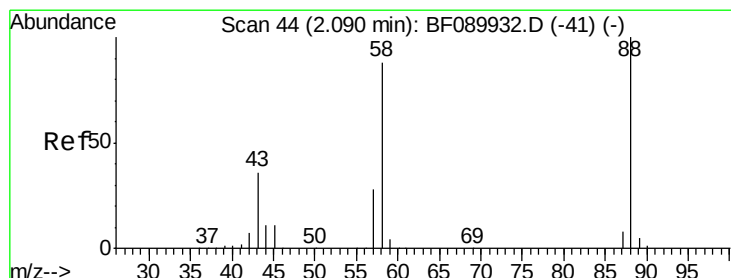
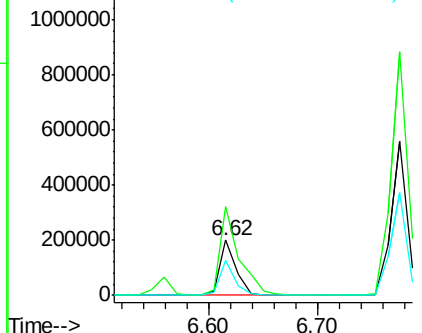
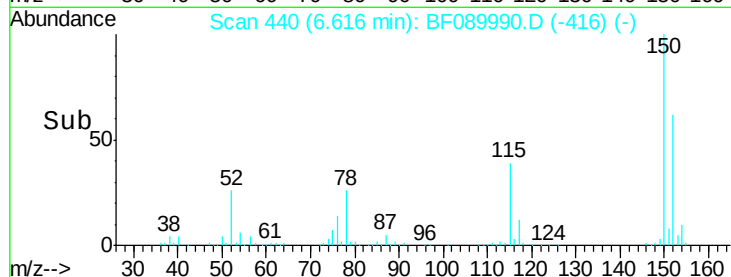
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF089990.D
Acq: 6 Sep 2016 15:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 207661
Ion Ratio Lower Upper
152 100
150 161.3 127.4 191.2
115 63.4 46.3 69.5



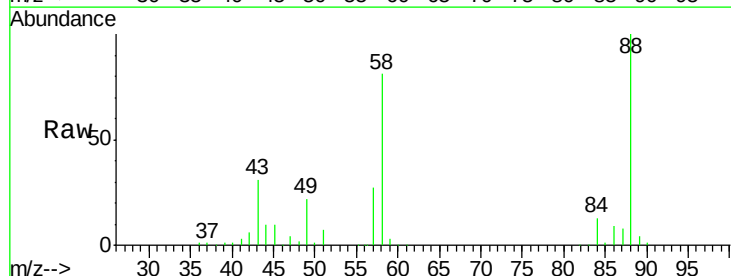
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



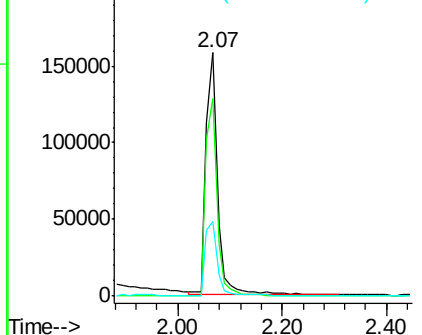
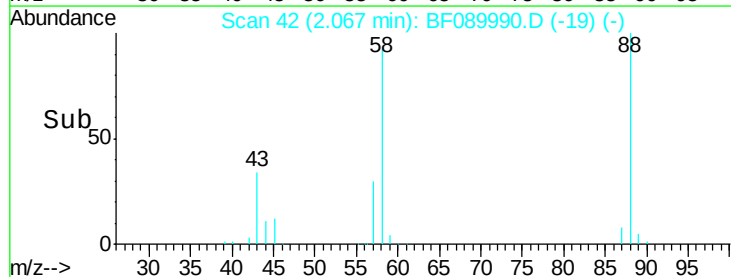
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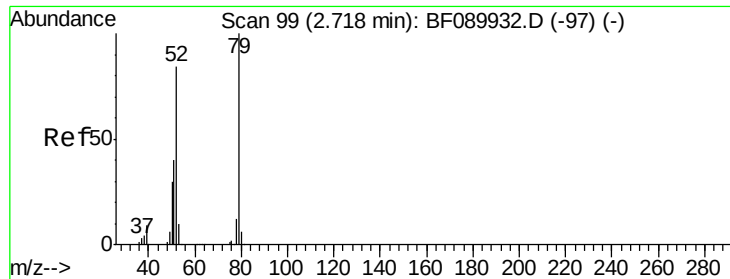
1,4-Dioxane
Concen: 39.30 ng
RT: 2.07 min Scan# 42
Delta R.T. -0.03 min
Lab File: BF089990.D
Acq: 6 Sep 2016 15:09

Tgt Ion: 88 Resp: 241545
Ion Ratio Lower Upper
88 100
58 81.9 68.8 103.2
43 31.7 27.0 40.6



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



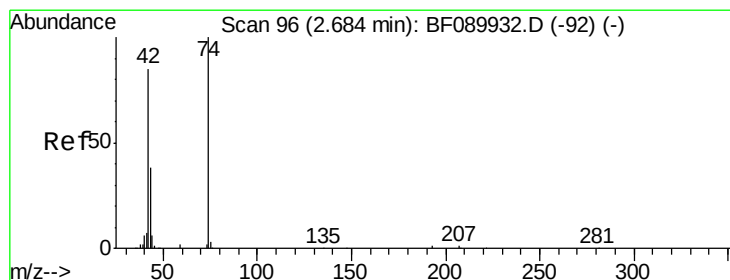
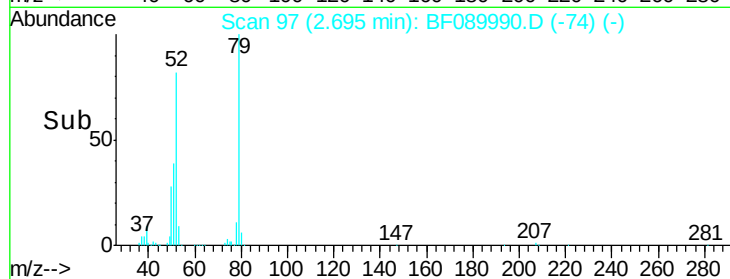
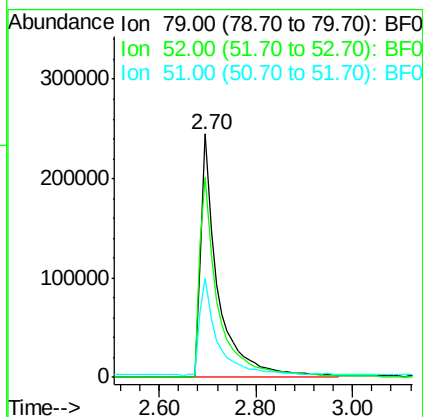
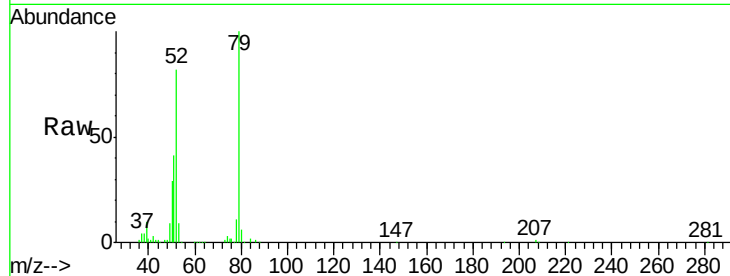


#3
 Pvridine
 Concen: 37.63 ng
 RT: 2.70 min Scan# 97
 Delta R.T. -0.03 min
 Lab File: BF089990.D
 Acq: 6 Sep 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 617047

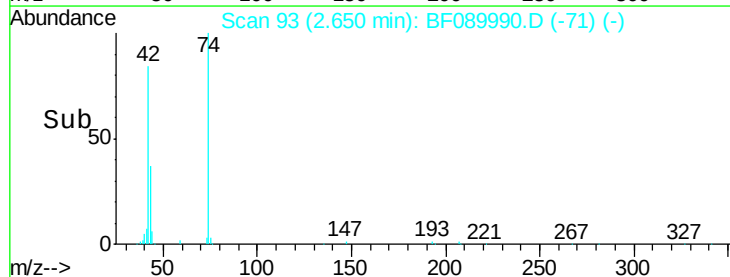
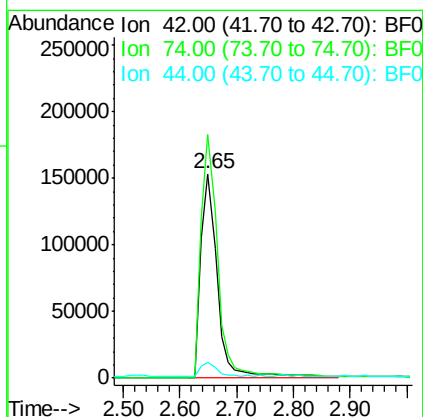
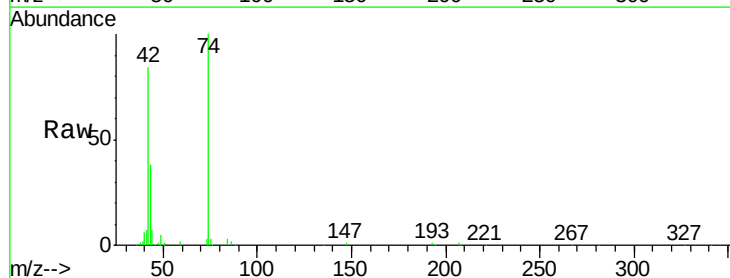
Ion	Ratio	Lower	Upper
79	100		
52	82.3	67.8	101.6
51	40.8	32.9	49.3

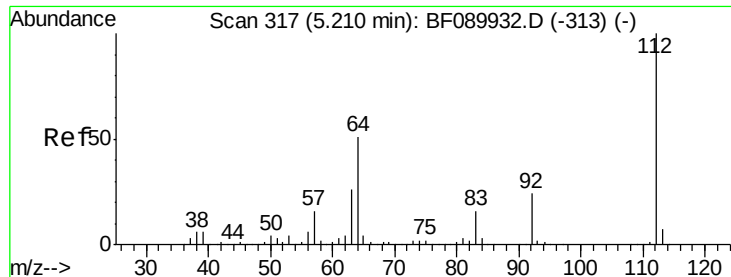


#4
 n-Nitrosodimethylamine
 Concen: 36.95 ng
 RT: 2.65 min Scan# 93
 Delta R.T. -0.05 min
 Lab File: BF089990.D
 Acq: 6 Sep 2016 15:09

Tgt Ion: 42 Resp: 298802

Ion	Ratio	Lower	Upper
42	100		
74	119.3	92.0	138.0
44	7.8	5.8	8.8





#5

2-Fluorophenol

Concen: 80.97 ng

RT: 5.19 min Scan# 315

Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA_F

ClientSampleId :

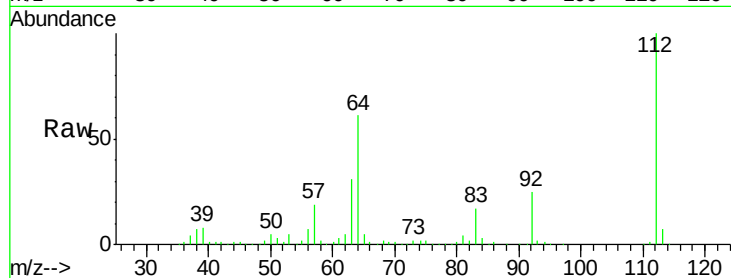
Tot Ion:112 Resp: 1050501

Ion Ratio Lower Upper

112 100

64 61.0 41.1 61.7

63 31.2 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

800000

600000

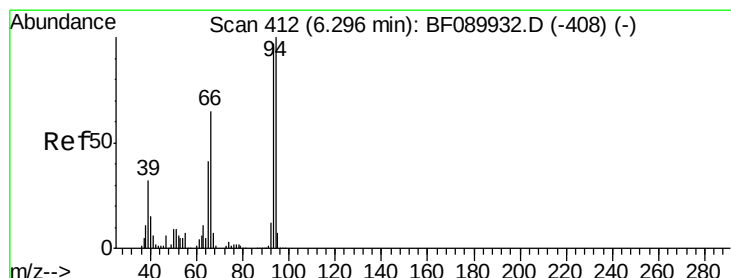
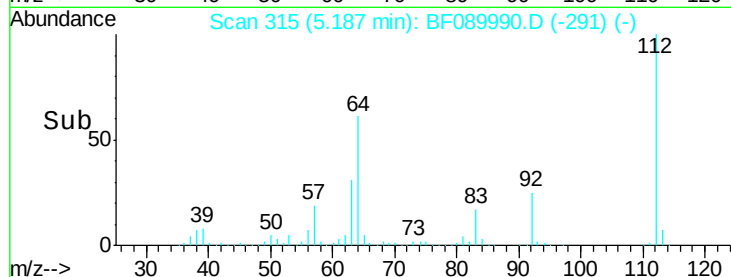
400000

200000

0

5.19

Time-->



#6

Aniline

Concen: 37.80 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

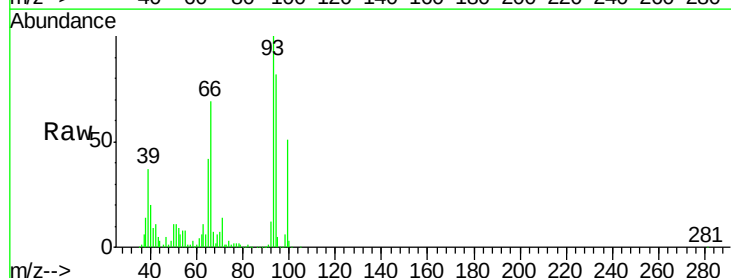
Tgt Ion: 93 Resp: 812979

Ion Ratio Lower Upper

93 100

66 68.8 52.9 79.3

65 41.7 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

800000

600000

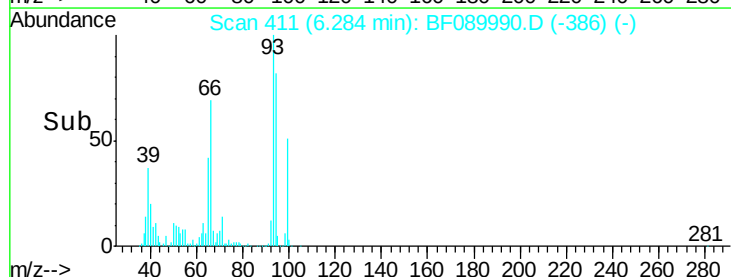
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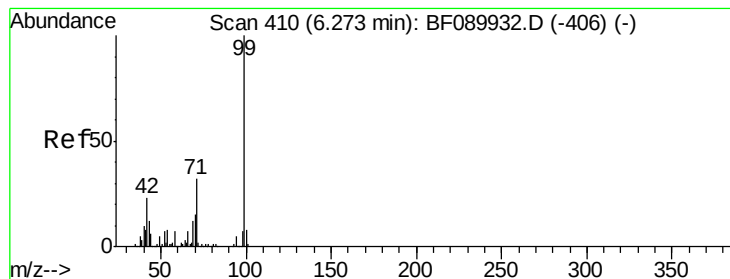
200000

0

6.28

Time-->





#7

Phenol-d6

Concen: 77.10 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA_F

ClientSampleId :

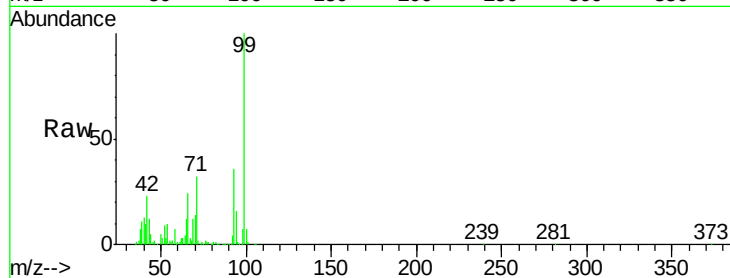
Tot Ion: 99 Resp: 1215398

Ion Ratio Lower Upper

99 100

42 22.5 18.6 27.8

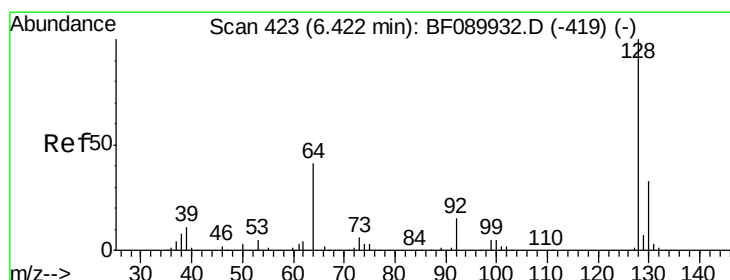
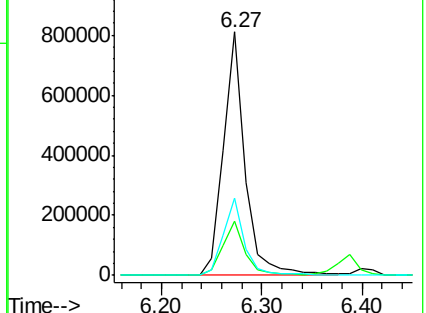
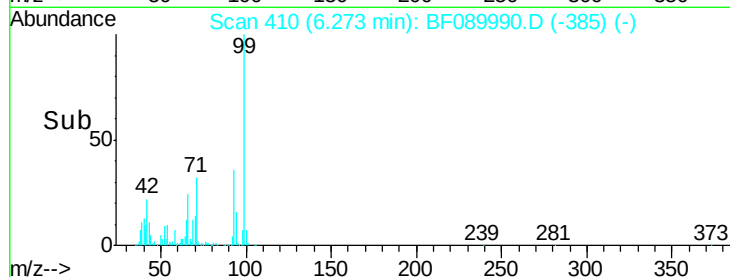
71 31.9 25.8 38.6



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: 39.57 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

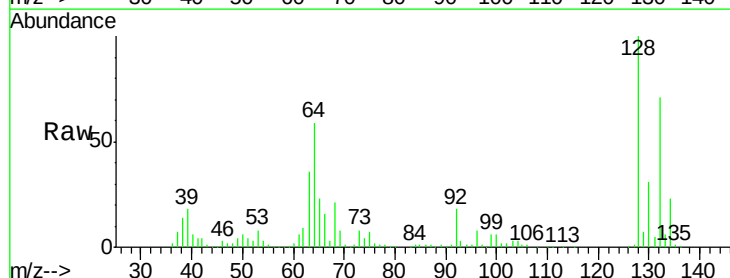
Tgt Ion: 128 Resp: 557016

Ion Ratio Lower Upper

128 100

130 31.4 12.8 52.8

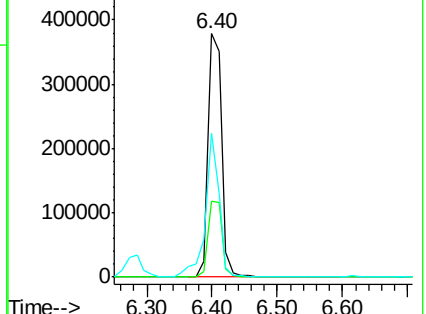
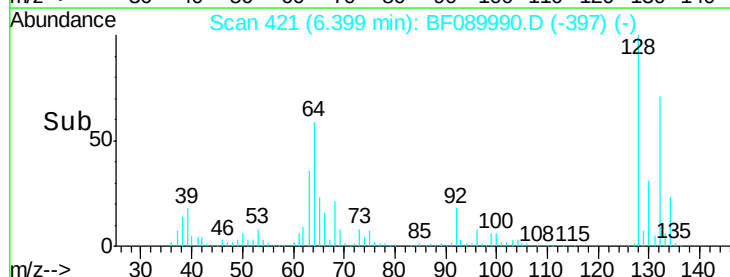
64 59.1 23.2 63.2

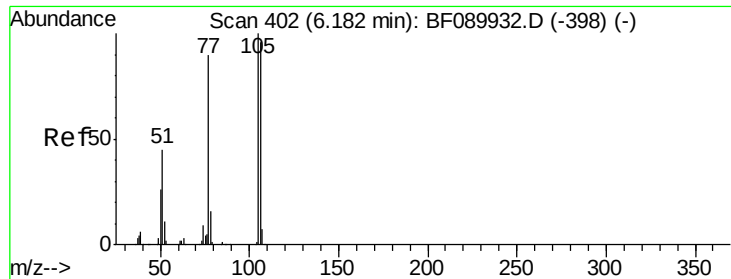


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 38.27 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA_F

ClientSampleId :

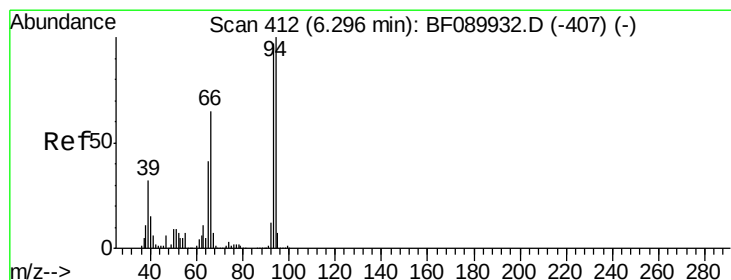
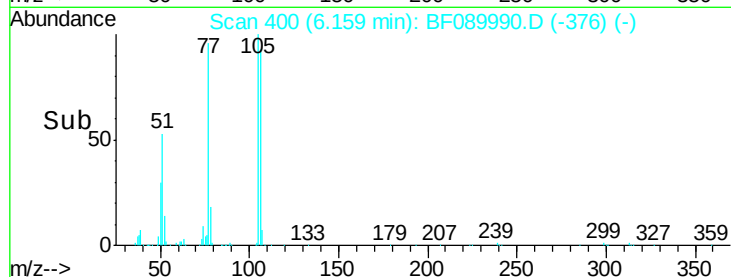
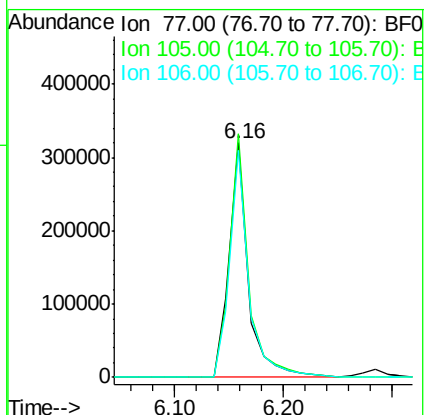
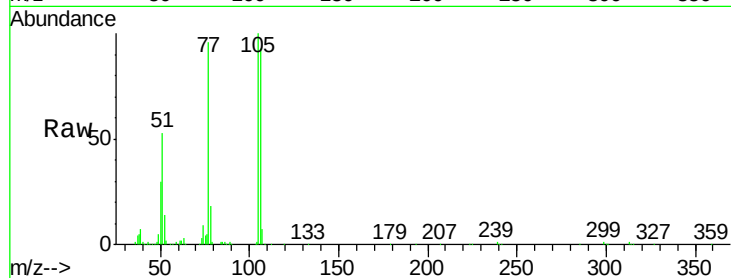
Tot Ion: 77 Resp: 389231

Ion Ratio Lower Upper

77 100

105 103.9 85.4 125.4

106 97.1 83.4 123.4



#10

Phenol

Concen: 36.61 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

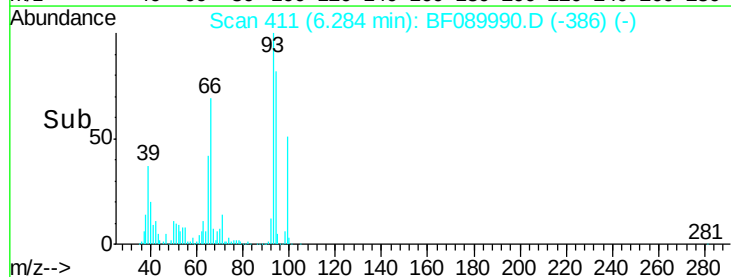
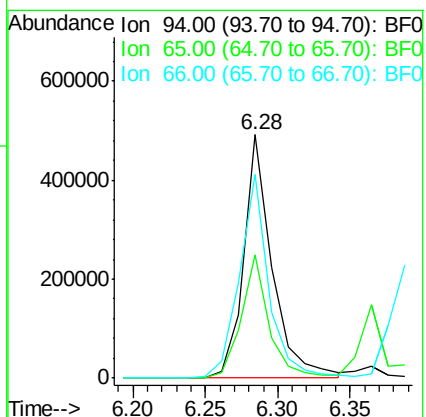
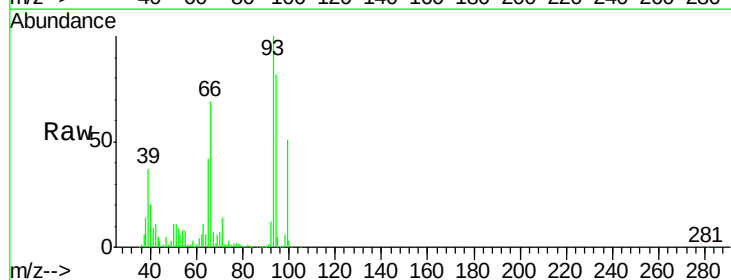
Tgt Ion: 94 Resp: 671090

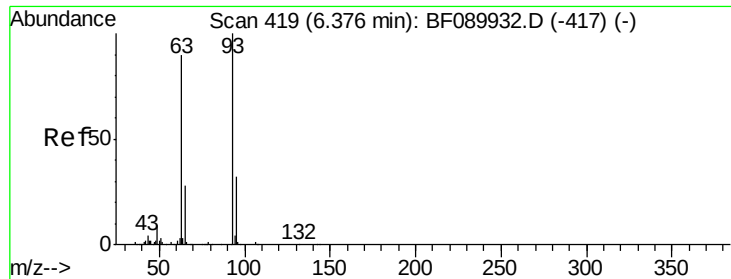
Ion Ratio Lower Upper

94 100

65 50.9 23.2 63.2

66 84.0 49.2 89.2





#11

bis(2-Chloroethyl)ether

Concen: 41.05 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA_F

ClientSampleId :

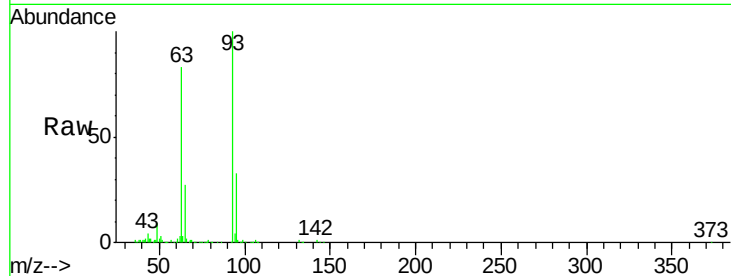
Tot Ion: 93 Resp: 569487

Ion Ratio Lower Upper

93 100

63 83.2 71.1 111.1

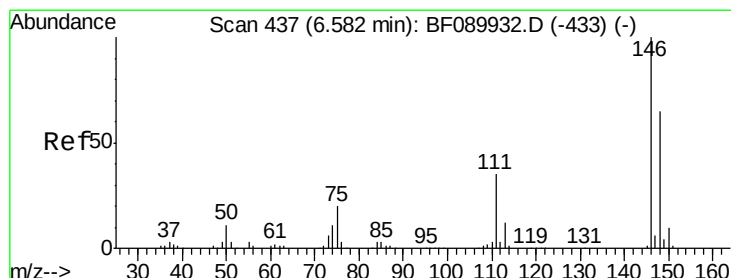
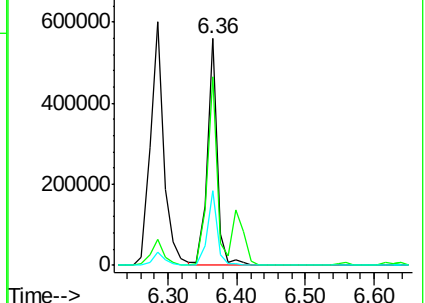
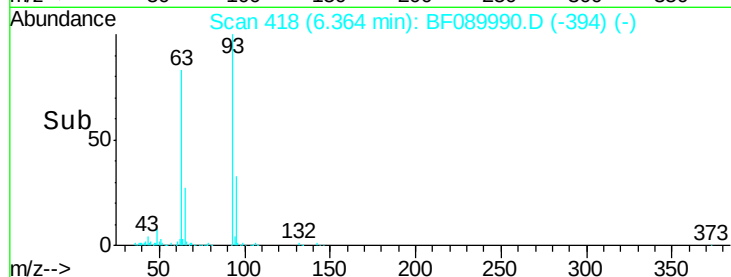
95 33.2 12.4 52.4



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 41.69 ng

RT: 6.64 min Scan# 442

Delta R.T. 0.06 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

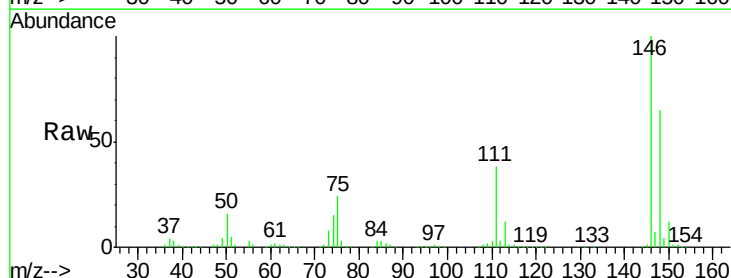
Tgt Ion: 146 Resp: 655404

Ion Ratio Lower Upper

146 100

148 65.4 52.5 78.7

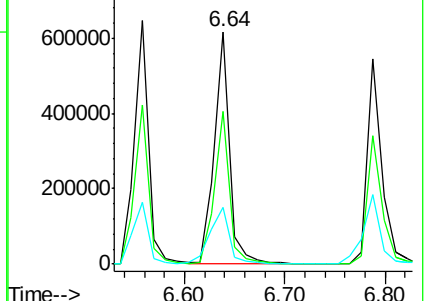
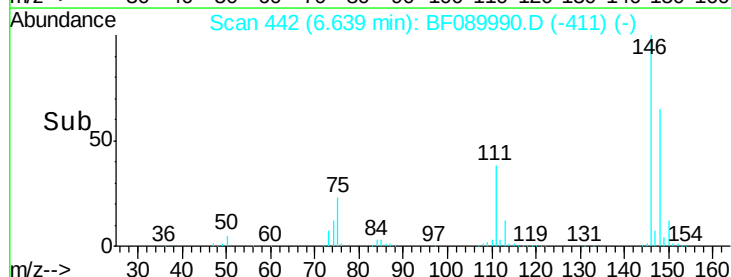
75 24.2 16.6 24.8

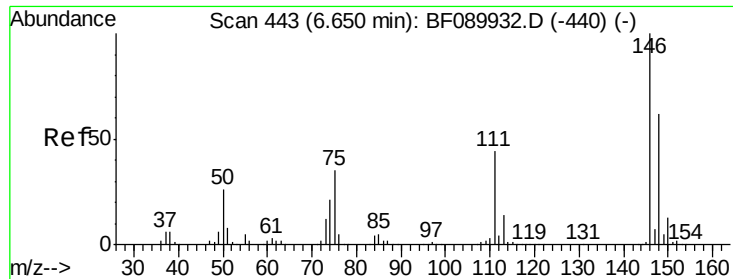


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

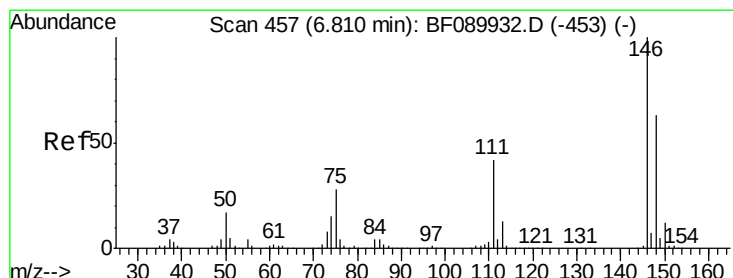
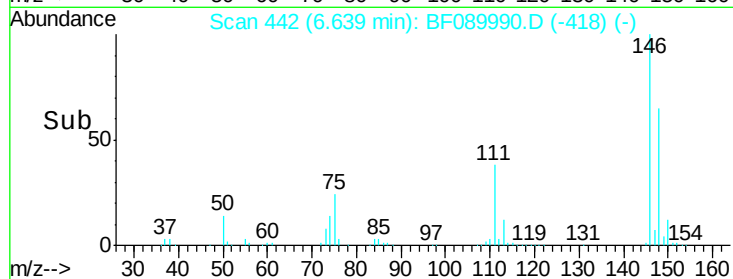
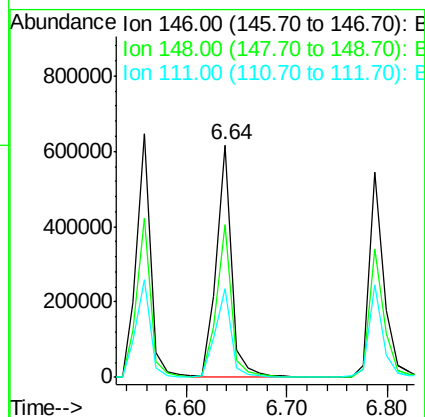
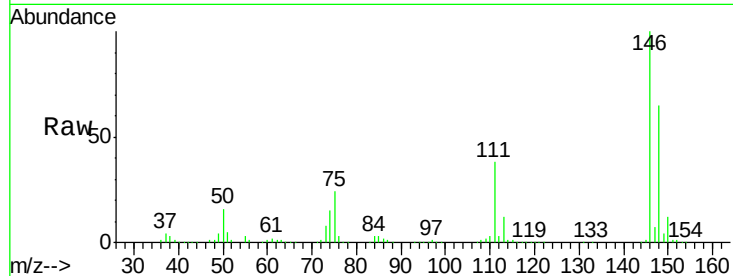




#13
 1,4-Dichlorobenzene
 Concen: 40.81 ng
 RT: 6.64 min Scan# 442
 Delta R.T. -0.02 min
 Lab File: BF089990.D
 Acq: 6 Sep 2016 15:09

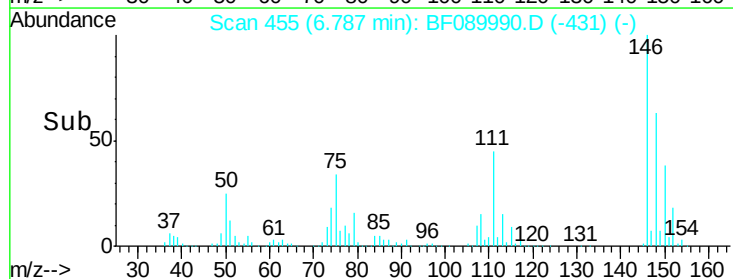
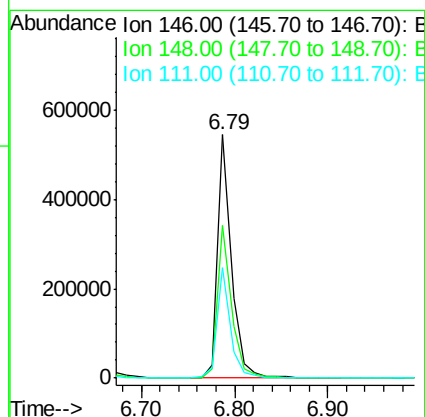
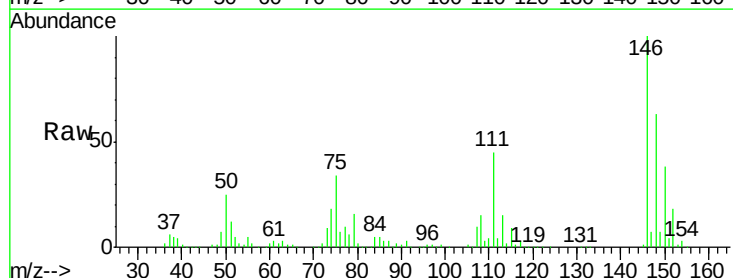
Instrument :
 BNA_F
 ClientSampled :

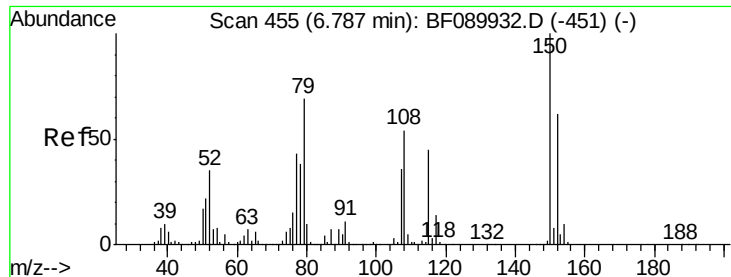
Tot Ion:146 Resp: 656310
 Ion Ratio Lower Upper
 146 100
 148 65.4 50.1 75.1
 111 38.1 35.8 53.6



#14
 1,2-Dichlorobenzene
 Concen: 38.67 ng
 RT: 6.79 min Scan# 455
 Delta R.T. -0.02 min
 Lab File: BF089990.D
 Acq: 6 Sep 2016 15:09

Tgt Ion:146 Resp: 557601
 Ion Ratio Lower Upper
 146 100
 148 62.6 51.4 77.2
 111 45.3 34.6 51.8





#15

Benzyl Alcohol

Concen: 41.37 ng

RT: 6.78 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA_F

ClientSampleId :

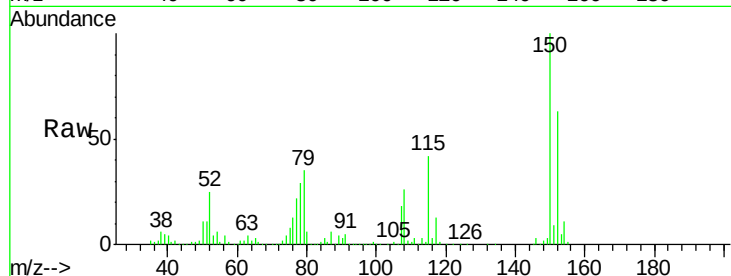
Tot Ion: 79 Resp: 408527

Ion Ratio Lower Upper

79 100

108 76.0 62.1 93.1

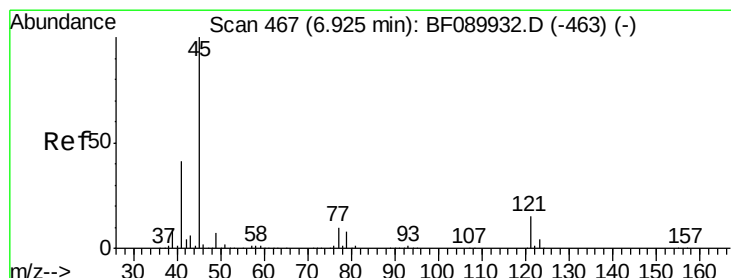
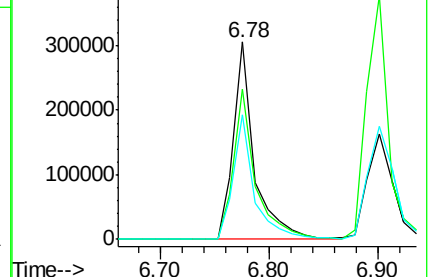
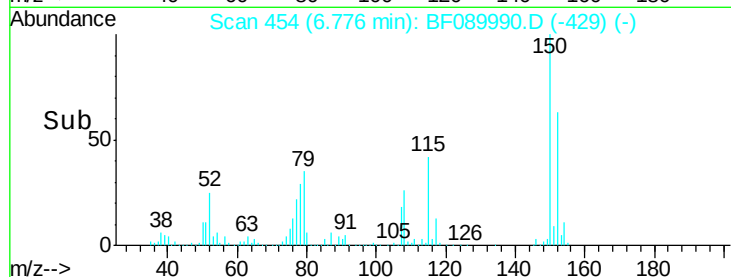
77 62.9 50.1 75.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.14 ng

RT: 6.91 min Scan# 466

Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

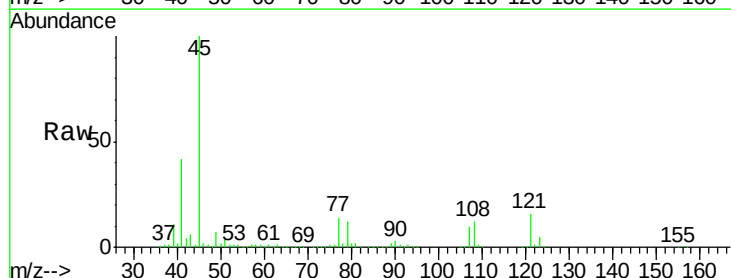
Tgt Ion: 45 Resp: 1008841

Ion Ratio Lower Upper

45 100

77 14.5 0.0 30.3

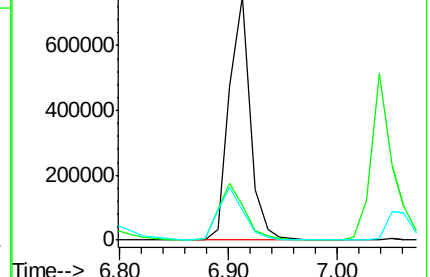
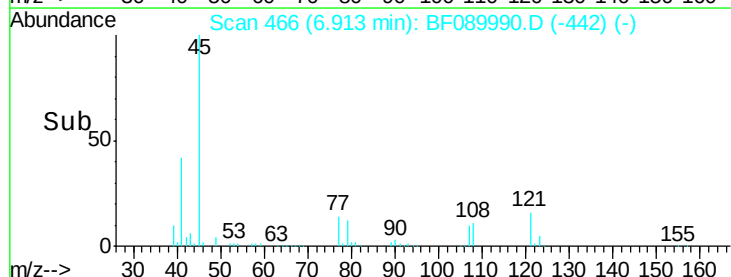
79 12.0 0.0 27.5

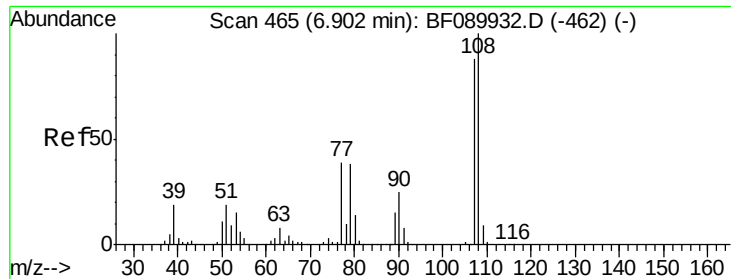


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 40.84 ng

RT: 6.90 min Scan# 465

Delta R.T. -0.01 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 459102

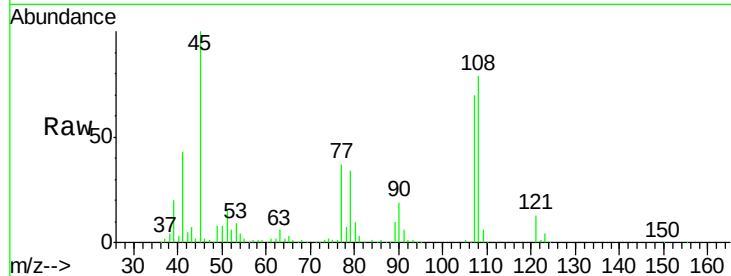
Ion Ratio Lower Upper

107 100

108 113.2 91.8 137.6

77 52.4 36.0 54.0

79 49.1 35.9 53.9

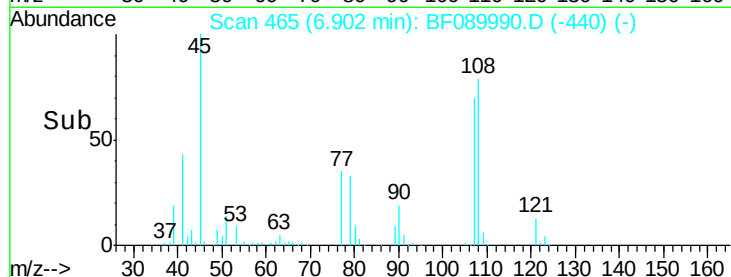


Abundance Ion 107.00 (106.70 to 107.70): E

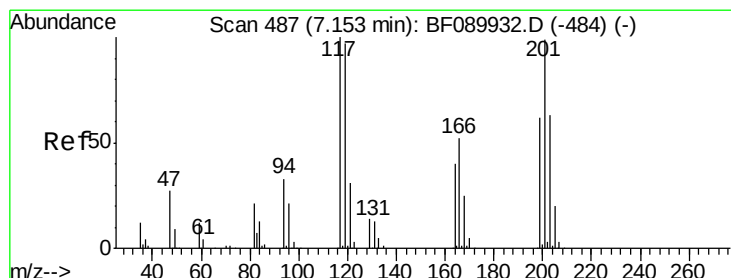
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 39.23 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

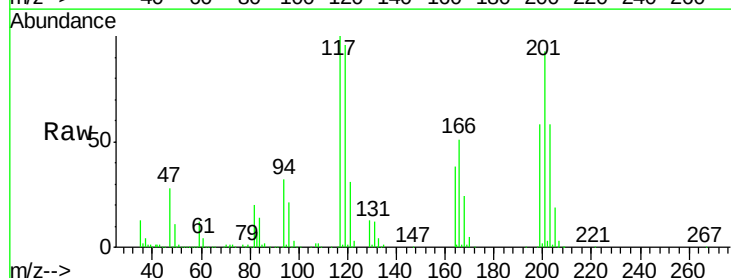
Tgt Ion:117 Resp: 216121

Ion Ratio Lower Upper

117 100

119 96.4 76.2 114.2

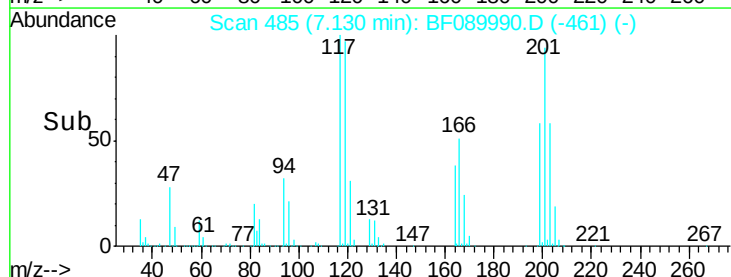
201 93.4 80.2 120.2



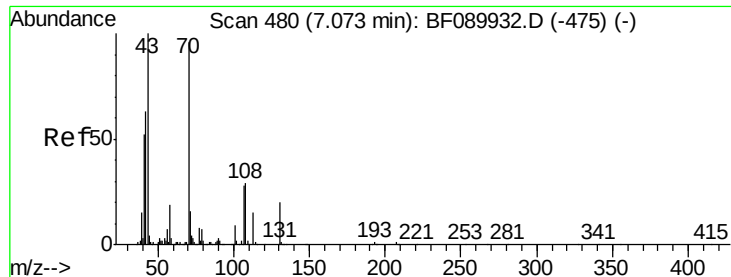
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



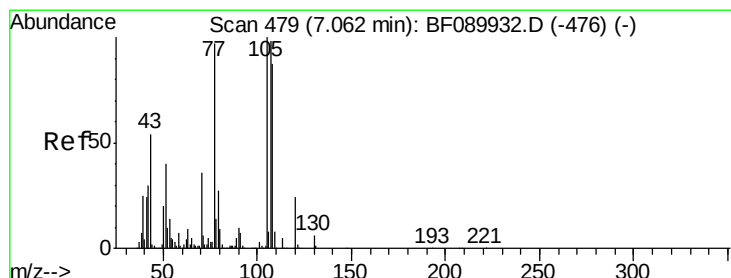
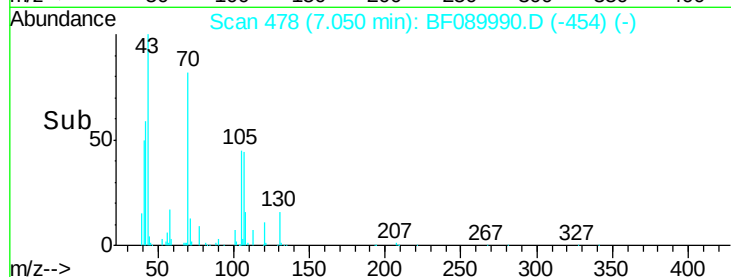
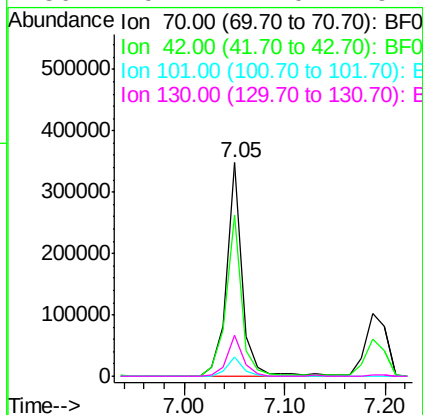
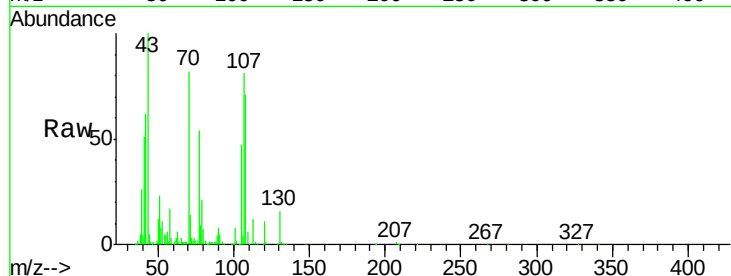
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 36.44 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.02 min
Lab File: BF089990.D
Acq: 6 Sep 2016 15:09

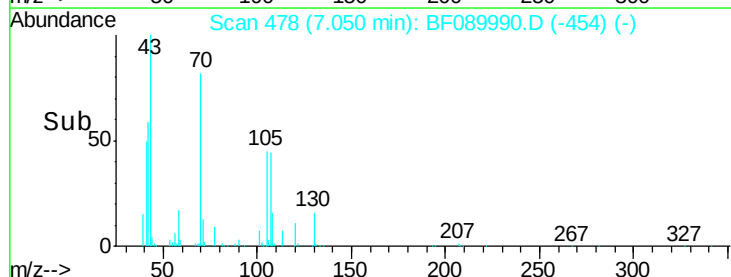
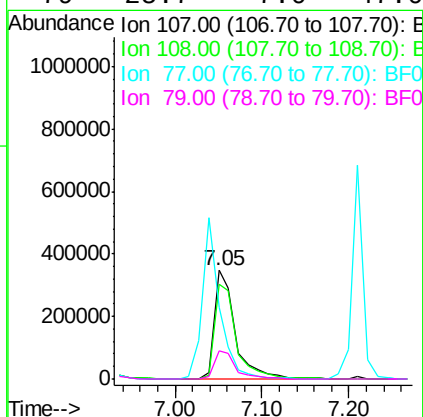
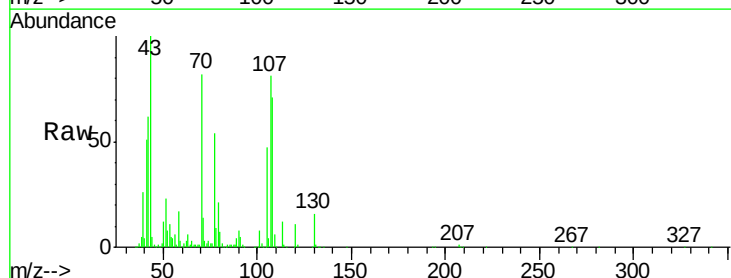
Instrument :
BNA_F
ClientSampleId :

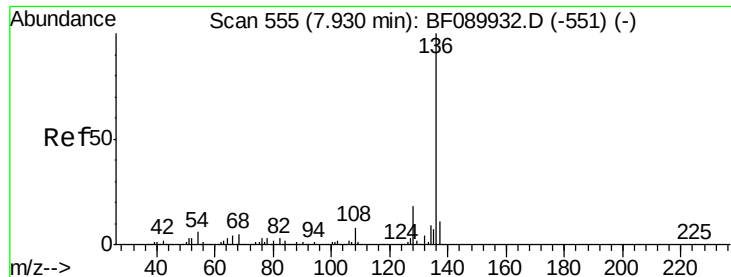
Tot Ion: 70 Resp: 374368
Ion Ratio Lower Upper
70 100
42 75.5 52.1 78.1
101 9.2 7.4 11.2
130 19.1 17.0 25.4



#20
3+4-Methylphenols
Concen: 42.63 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.02 min
Lab File: BF089990.D
Acq: 6 Sep 2016 15:09

Tgt Ion: 107 Resp: 580790
Ion Ratio Lower Upper
107 100
108 86.9 70.2 110.2
77 66.7 75.7 115.7#
79 25.7 7.0 47.0

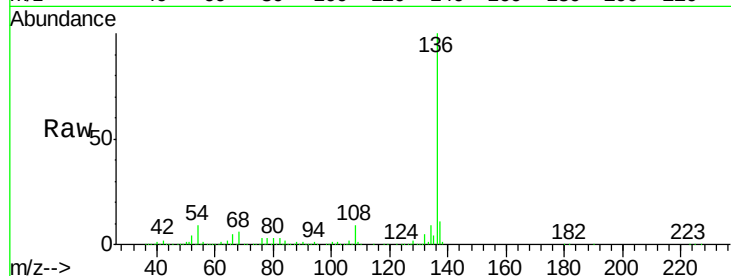




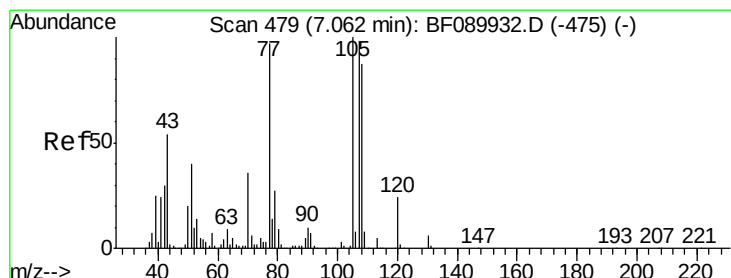
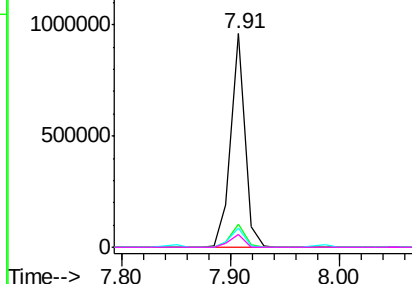
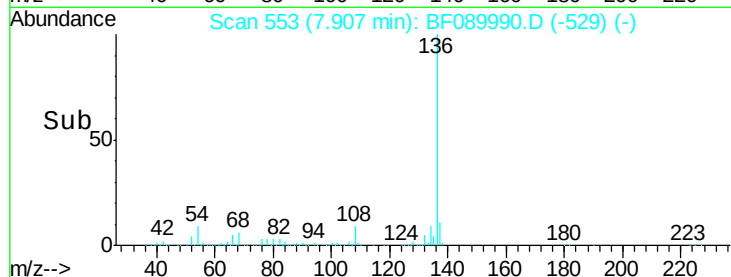
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.02 min
Lab File: BF089990.D
Acq: 6 Sep 2016 15:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp: 863227
Ion Ratio	Lower Upper
136 100	
137 11.0	8.3 12.5
54 8.9	4.8 7.2#
68 6.0	3.7 5.5#

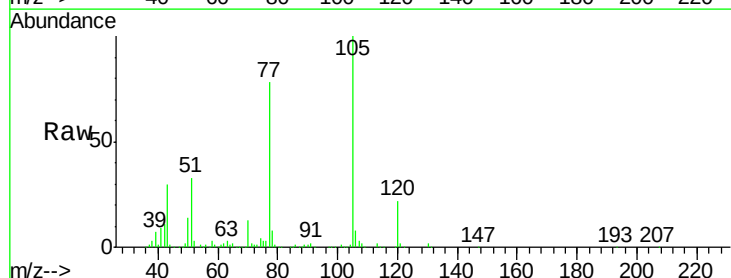


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

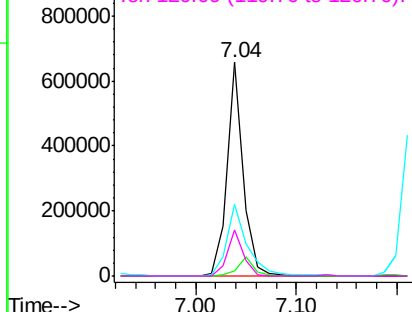
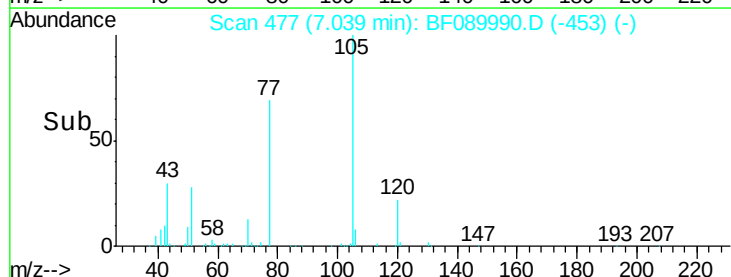


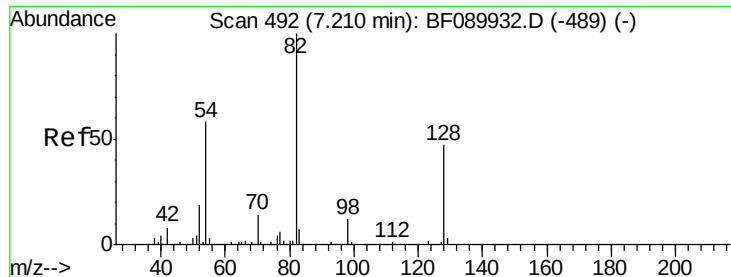
#22
Acetophenone
Concen: 37.72 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.02 min
Lab File: BF089990.D
Acq: 6 Sep 2016 15:09

Tgt	Ion:105	Resp:	730429
Ion	Ratio	Lower	Upper
105	100		
71	2.1	5.3	7.9#
51	33.5	32.6	48.8
120	21.9	18.6	28.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E



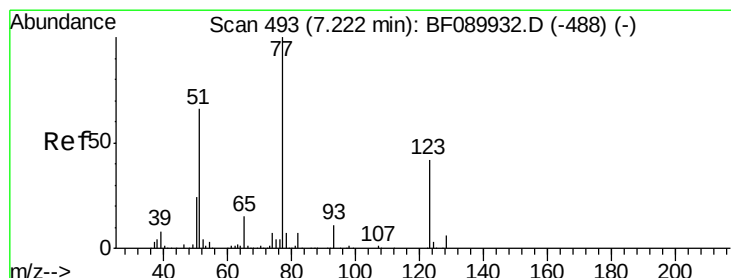
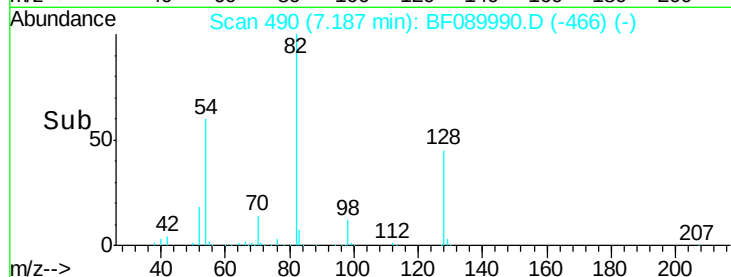
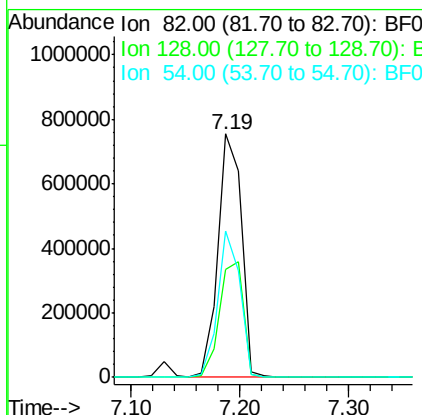
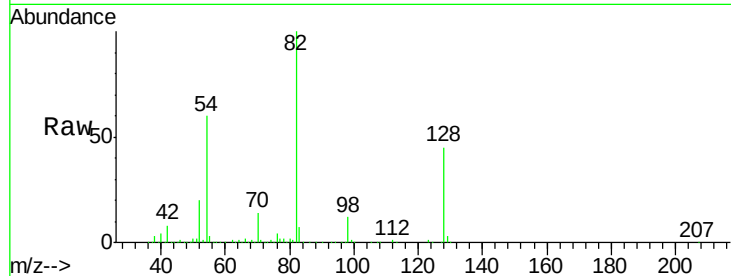


#23
 Nitrobenzene-d5
 Concen: 76.21 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.02 min
 Lab File: BF089990.D
 Acq: 6 Sep 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1134363

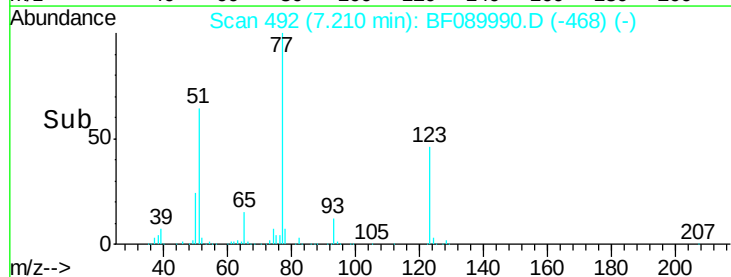
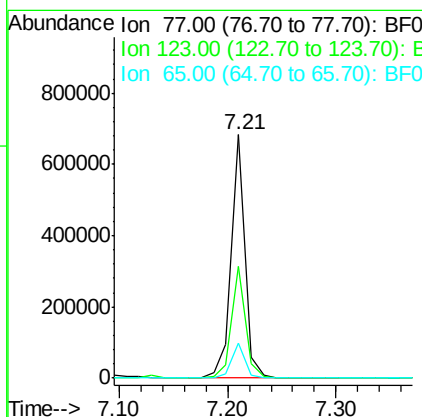
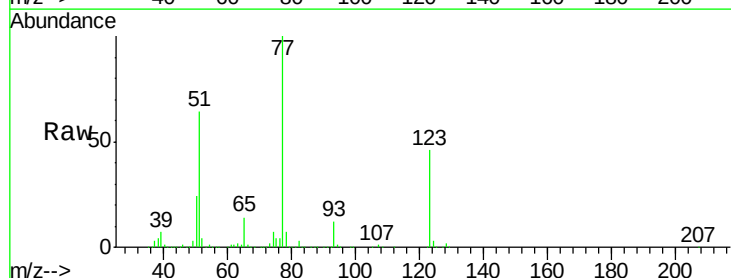
Ion	Ratio	Lower	Upper
82	100		
128	44.5	37.8	56.8
54	60.2	46.9	70.3

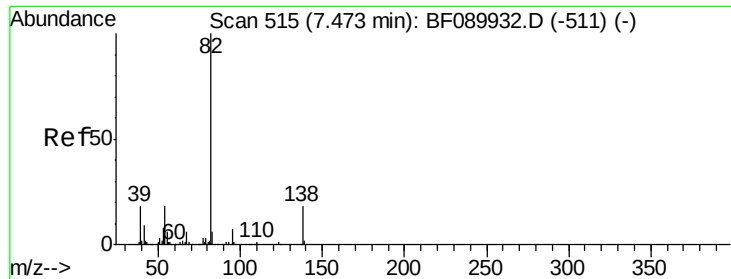


#24
 Nitrobenzene
 Concen: 37.39 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.02 min
 Lab File: BF089990.D
 Acq: 6 Sep 2016 15:09

Tgt Ion: 77 Resp: 591665

Ion	Ratio	Lower	Upper
77	100		
123	45.9	32.0	48.0
65	14.4	11.2	16.8

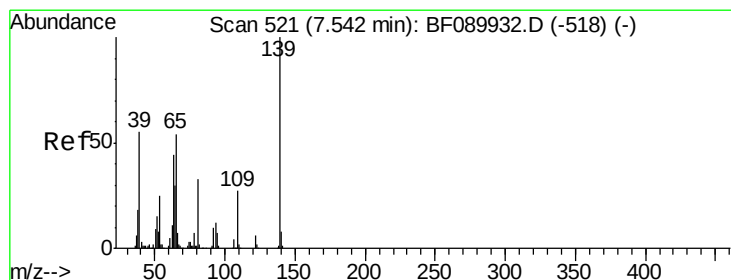
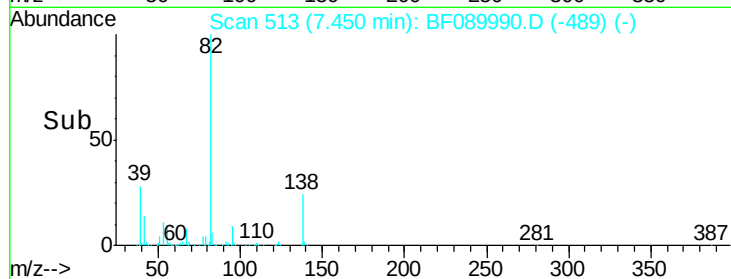
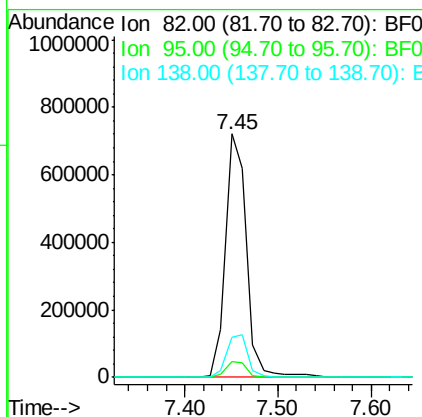
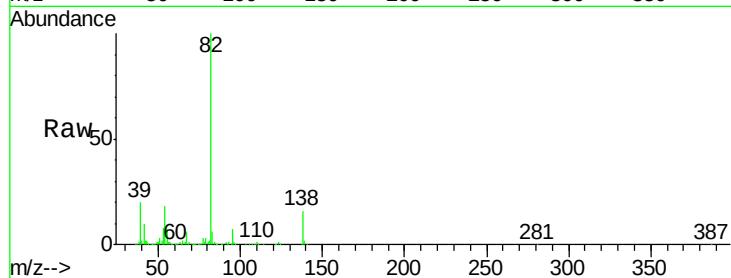




#25
Isophorone
Concen: 37.30 ng
RT: 7.45 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF089990.D
Acq: 6 Sep 2016 15:09

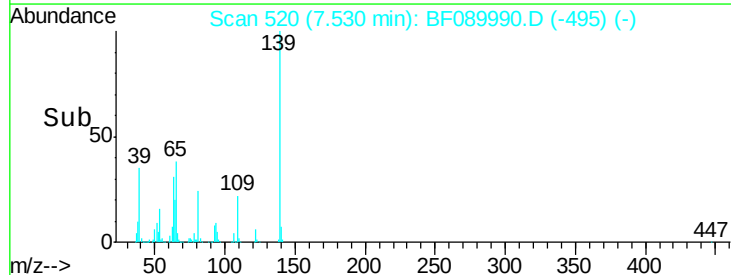
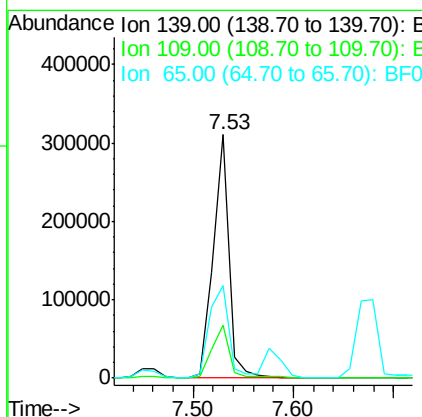
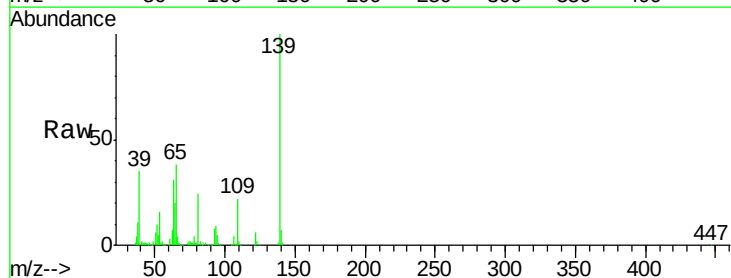
Instrument :
BNA_F
ClientSampleId :

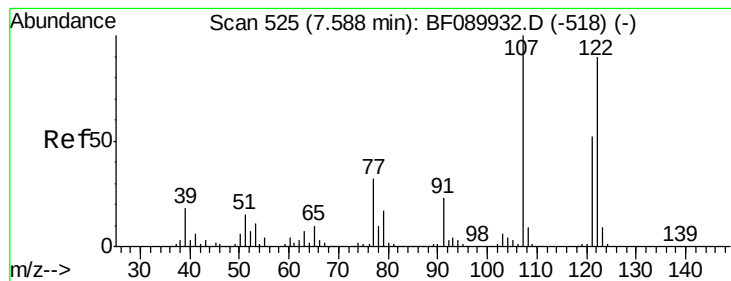
Tot Ion: 82 Resp: 1129009
Ion Ratio Lower Upper
82 100
95 6.5 5.5 8.3
138 16.4 14.4 21.6



#26
2-Nitrophenol
Concen: 44.86 ng
RT: 7.53 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF089990.D
Acq: 6 Sep 2016 15:09

Tgt Ion: 139 Resp: 339300
Ion Ratio Lower Upper
139 100
109 21.8 21.0 31.4
65 38.3 43.4 65.0#





#27

2,4-Dimethylphenol

Concen: 37.95 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA_F

ClientSampleId :

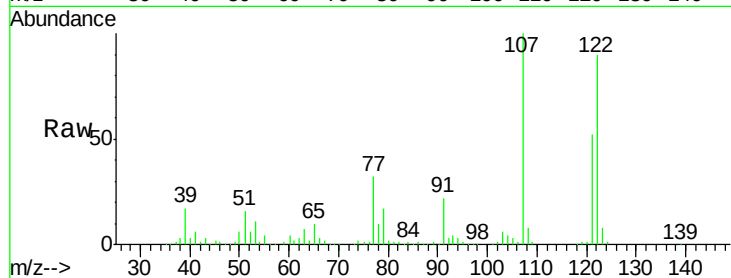
Tot Ion:122 Resp: 530993

Ion Ratio Lower Upper

122 100

107 110.6 88.5 132.7

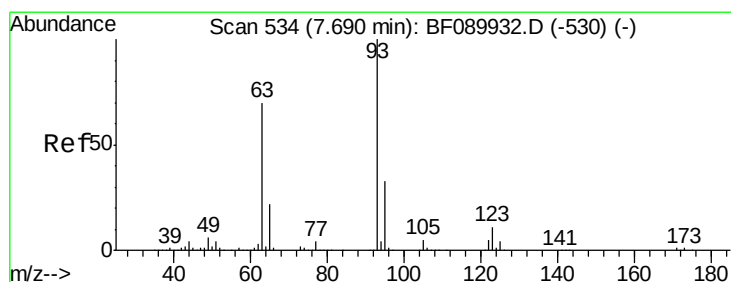
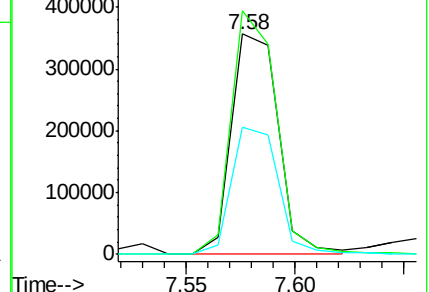
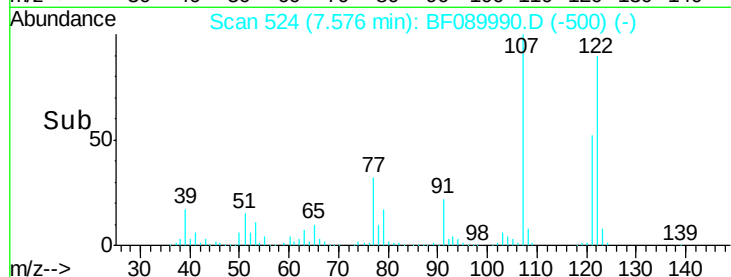
121 57.5 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.35 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

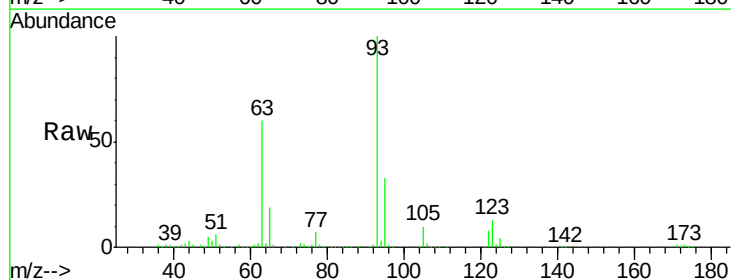
Tgt Ion: 93 Resp: 700050

Ion Ratio Lower Upper

93 100

95 33.0 26.6 40.0

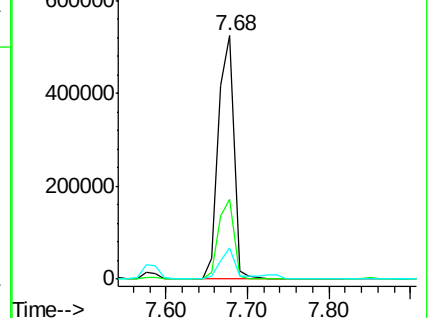
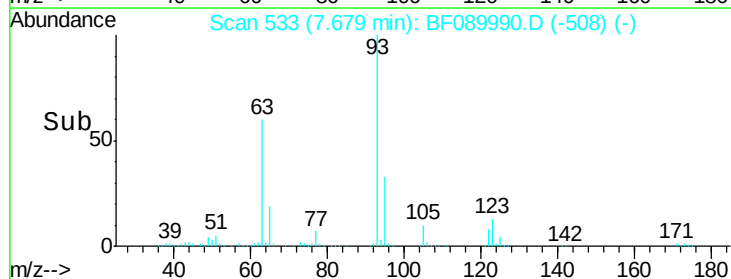
123 12.9 9.1 13.7

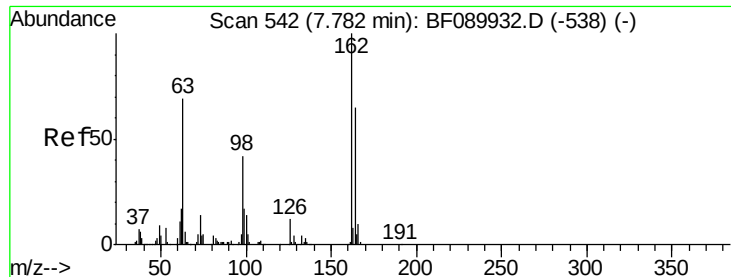


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

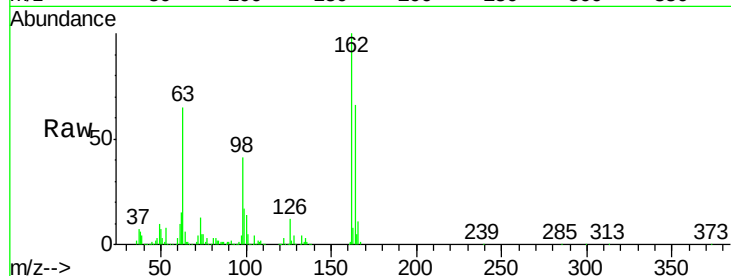




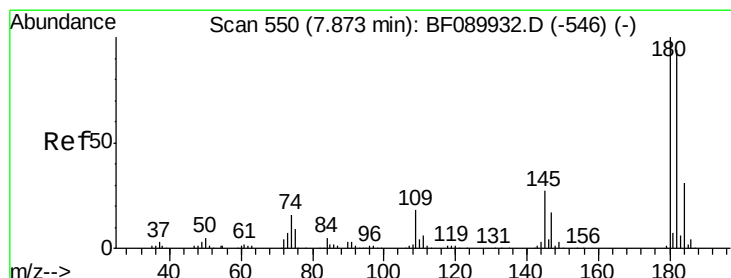
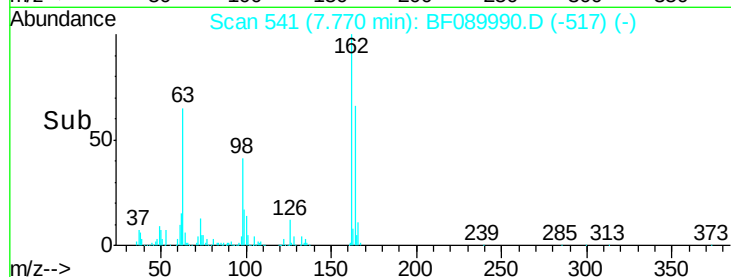
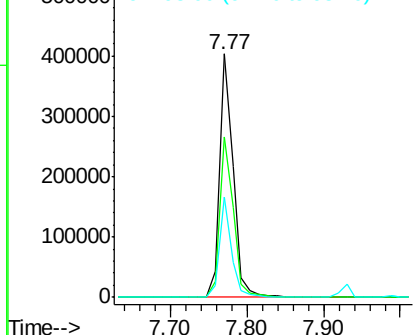
#29
 2,4-Dichlorophenol
 Concen: 39.47 ng
 RT: 7.77 min Scan# 541
 Delta R.T. -0.02 min
 Lab File: BF089990.D
 Acq: 6 Sep 2016 15:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.7	46.6	86.6
98	41.0	22.0	62.0

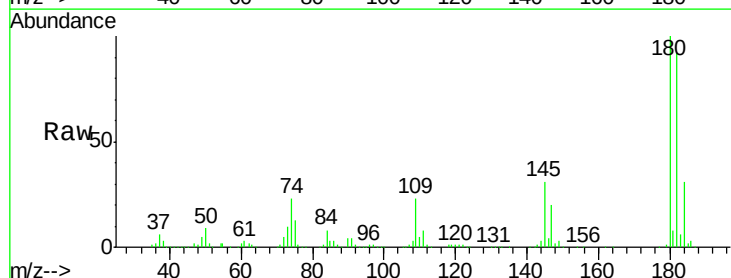


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

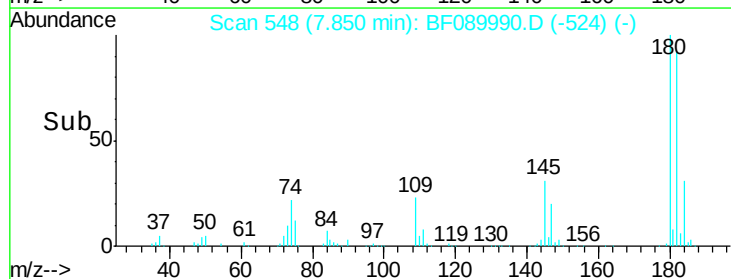
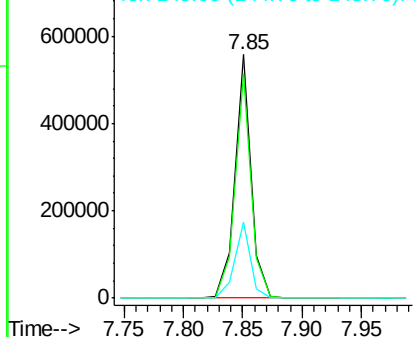


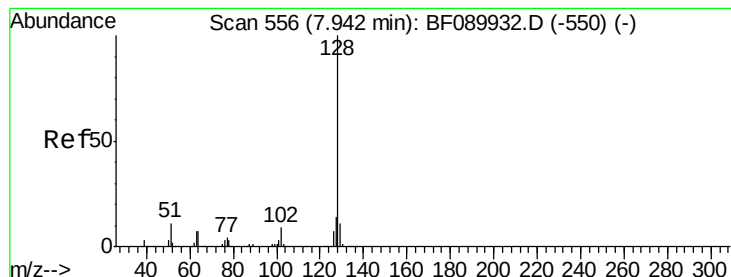
#30
 1,2,4-Trichlorobenzene
 Concen: 38.31 ng
 RT: 7.85 min Scan# 548
 Delta R.T. -0.02 min
 Lab File: BF089990.D
 Acq: 6 Sep 2016 15:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.4	76.2	114.2
145	31.4	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: 38.08 ng

RT: 7.93 min Scan# 555

Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA_F

ClientSampleId :

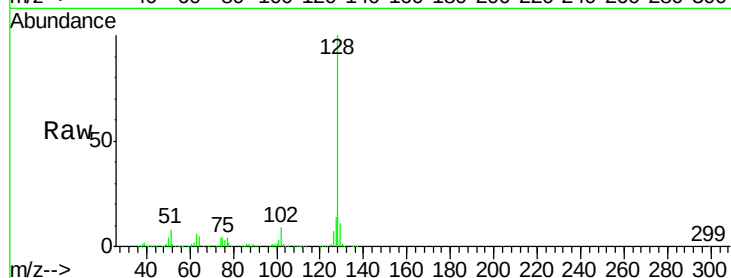
Tot Ion:128 Resp: 1637805

Ion Ratio Lower Upper

128 100

129 11.2 9.4 14.0

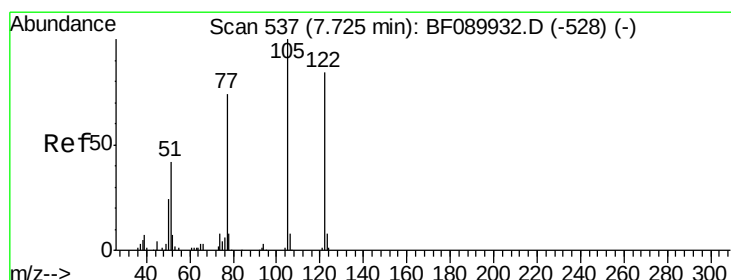
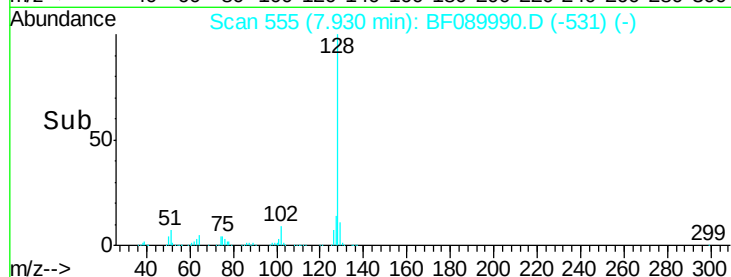
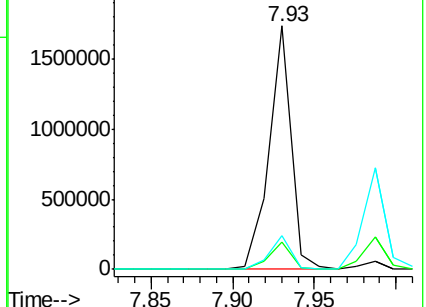
127 13.7 10.7 16.1



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: 47.13 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

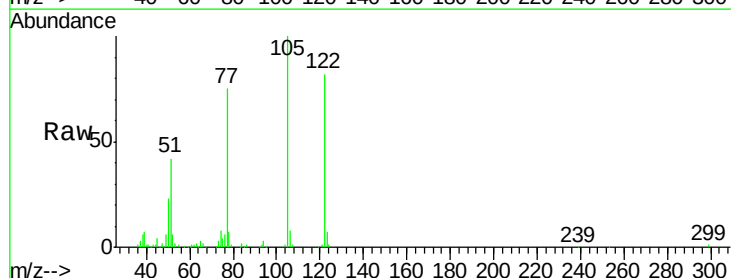
Tgt Ion:122 Resp: 444244

Ion Ratio Lower Upper

122 100

105 121.3 102.2 142.2

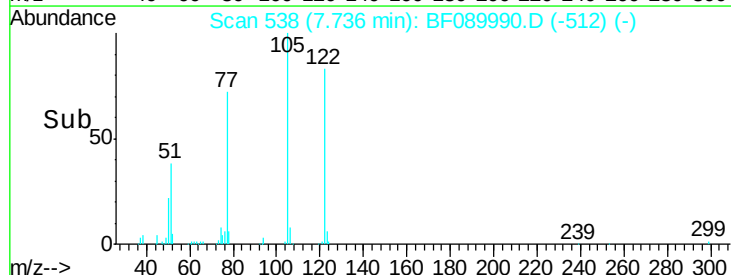
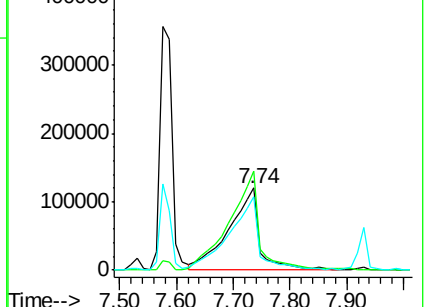
77 90.6 74.1 114.1

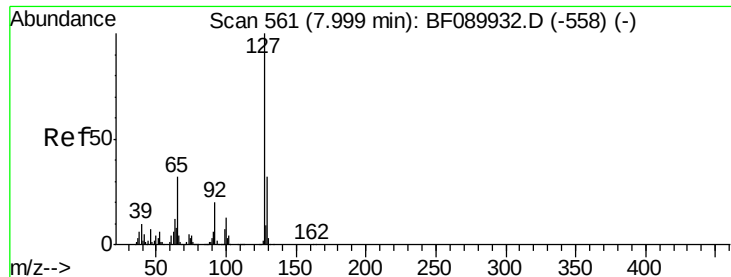


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

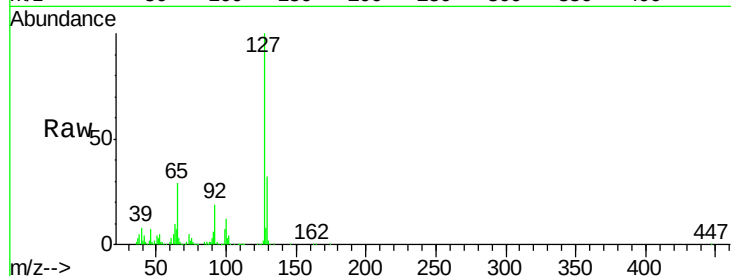




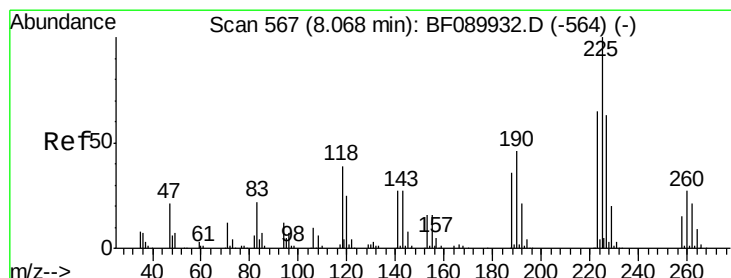
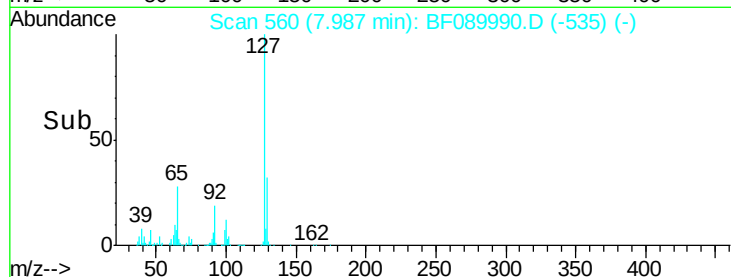
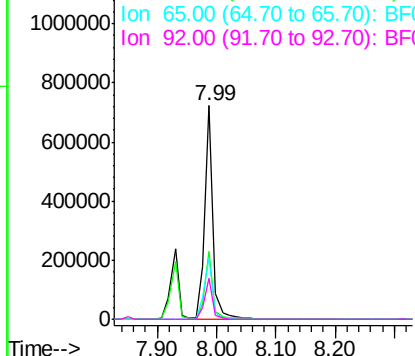
#33
4-Chloroaniline
Concen: 41.18 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF089990.D
Acq: 6 Sep 2016 15:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	714472
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	28.6	26.0	39.0
92	19.1	15.9	23.9

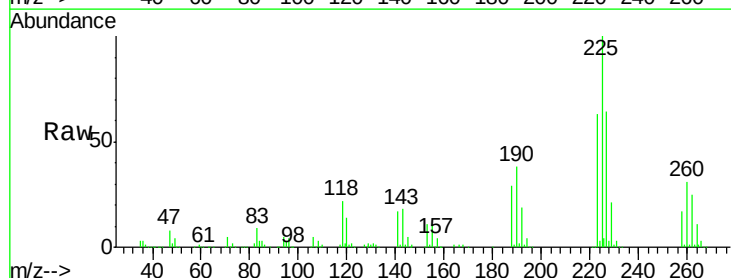


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

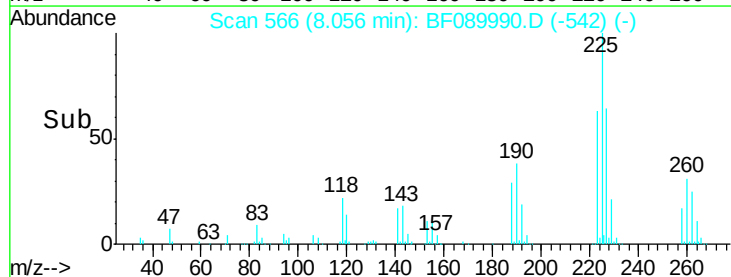
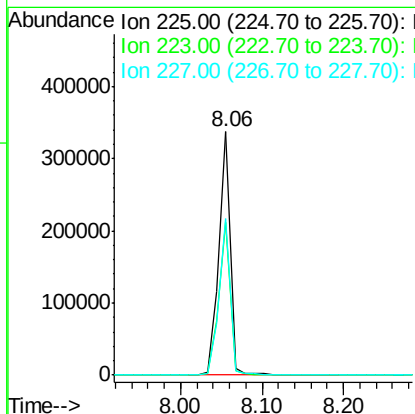


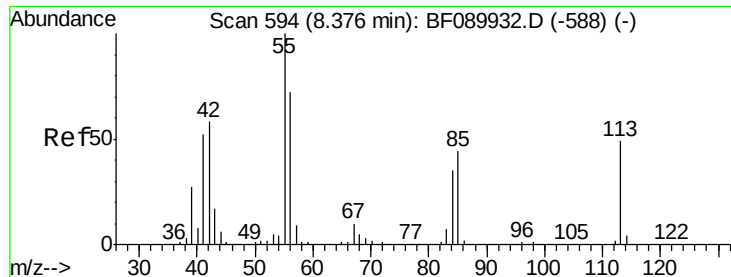
#34
Hexachlorobutadiene
Concen: 40.75 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.02 min
Lab File: BF089990.D
Acq: 6 Sep 2016 15:09

Tgt Ion:	225	Resp:	327527
Ion	Ratio	Lower	Upper
225	100		
223	62.6	52.6	78.8
227	64.2	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

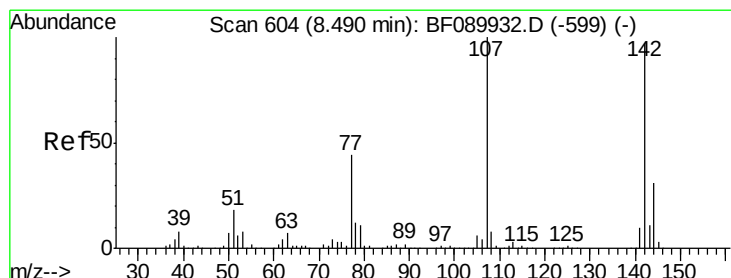
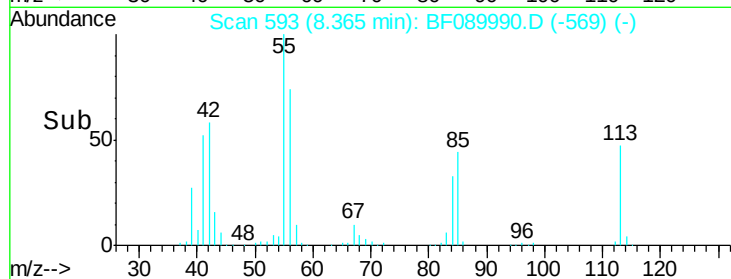
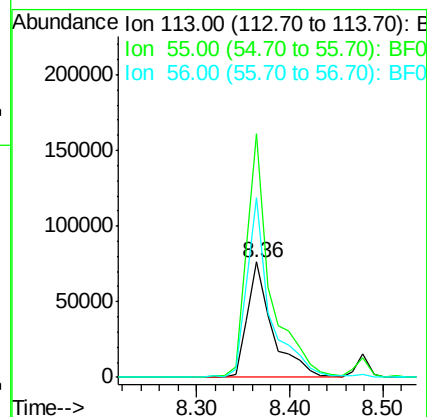
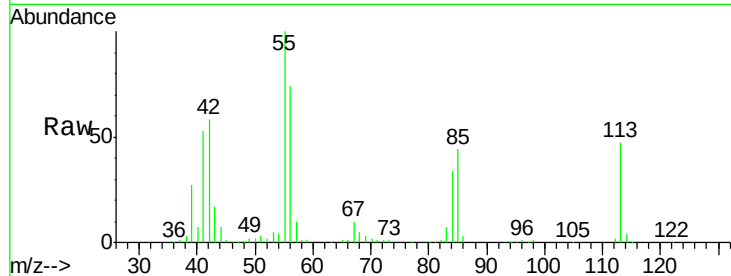




#35
 Caprolactam
 Concen: 36.15 ng
 RT: 8.36 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF089990.D
 Acq: 6 Sep 2016 15:09

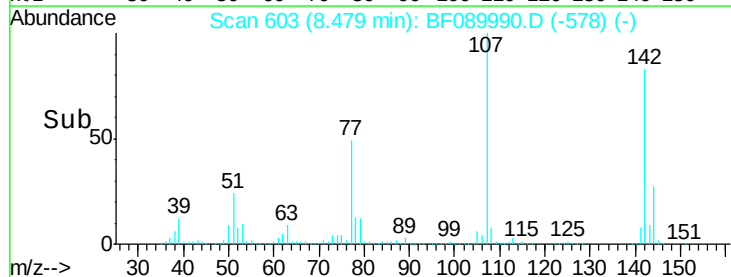
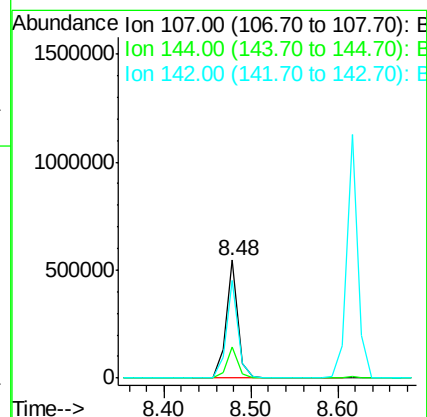
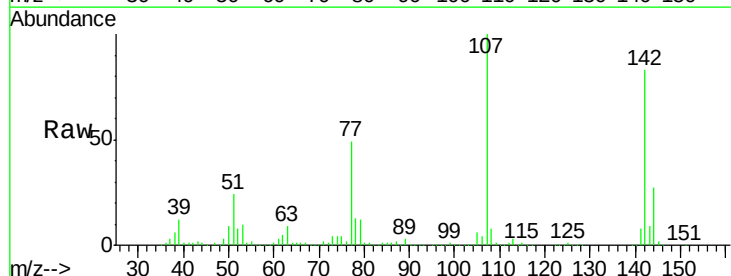
Instrument :
 BNA_F
 ClientSampleId :

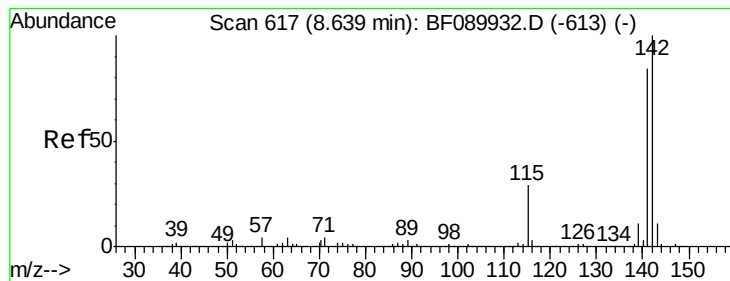
Tot Ion:113 Resp: 143119
 Ion Ratio Lower Upper
 113 100
 55 211.1 178.5 218.5
 56 155.8 122.7 162.7



#36
 4-Chloro-3-methylphenol
 Concen: 39.49 ng
 RT: 8.48 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF089990.D
 Acq: 6 Sep 2016 15:09

Tgt Ion:107 Resp: 524628
 Ion Ratio Lower Upper
 107 100
 144 26.8 25.8 38.8
 142 83.0 79.2 118.8





#37

2-Methylnaphthalene

Concen: 35.85 ng

RT: 8.62 min Scan# 615

Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA_F

ClientSampleId :

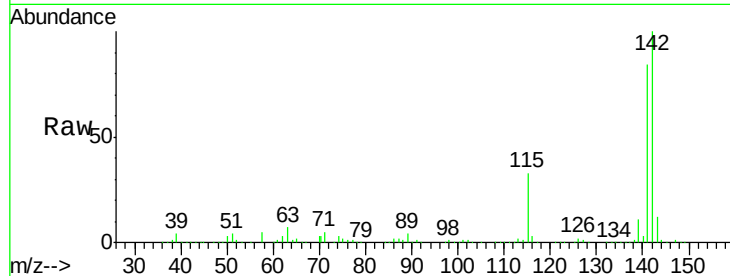
Tot Ion:142 Resp: 1018827

Ion Ratio Lower Upper

142 100

141 83.7 68.3 102.5

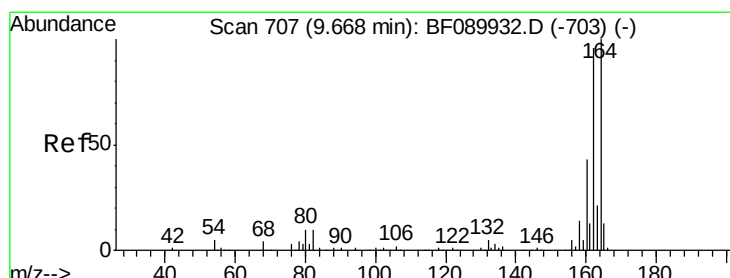
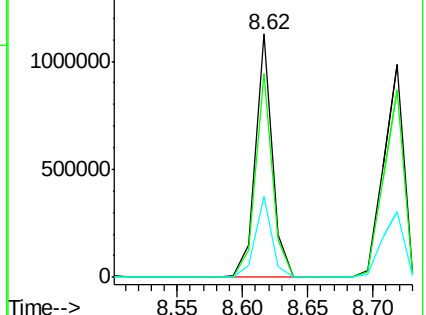
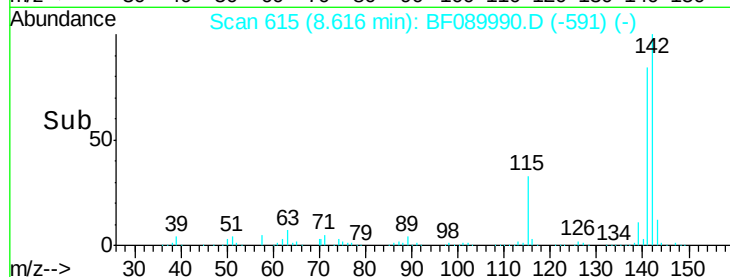
115 33.2 23.8 35.8



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: 9.66 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

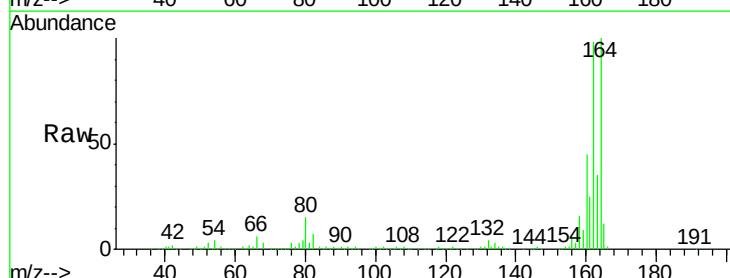
Tgt Ion:164 Resp: 432111

Ion Ratio Lower Upper

164 100

162 98.4 77.1 115.7

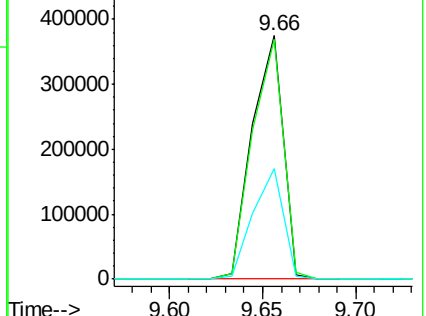
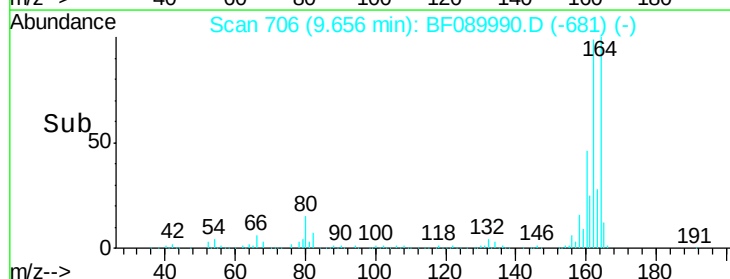
160 45.1 35.3 52.9

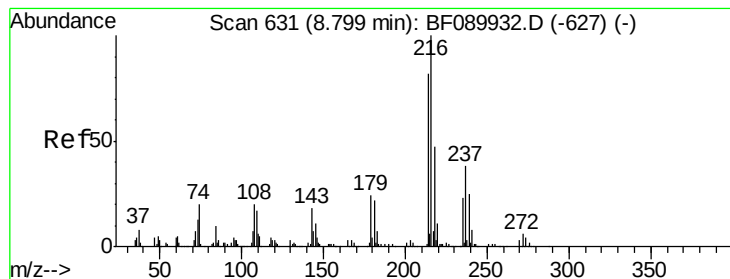


Abundance Ion 164.00 (163.70 to 164.70): E

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: 42.04 ng

RT: 8.79 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 532194

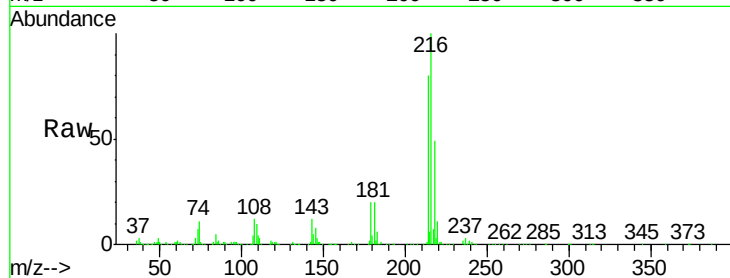
Ion Ratio Lower Upper

216 100

214 79.5 63.4 95.2

179 21.1 17.3 25.9

108 16.8 15.5 23.3

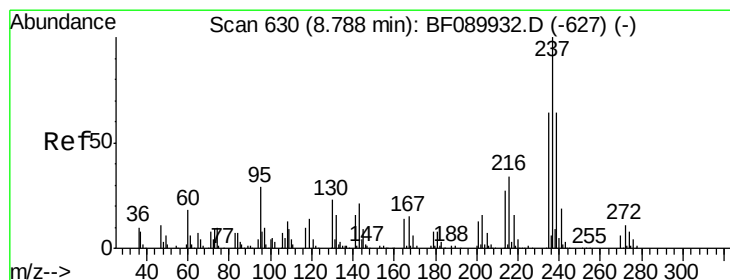
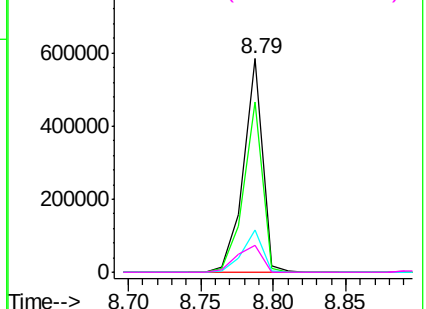
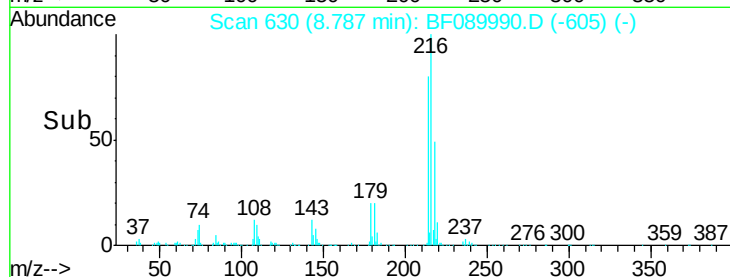


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 47.90 ng

RT: 8.78 min Scan# 629

Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

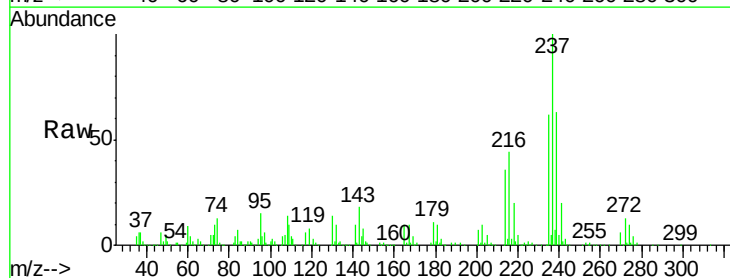
Tgt Ion:237 Resp: 310890

Ion Ratio Lower Upper

237 100

235 61.8 39.6 79.6

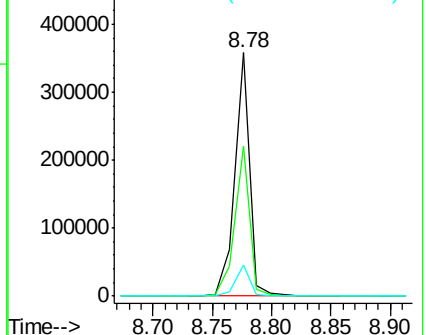
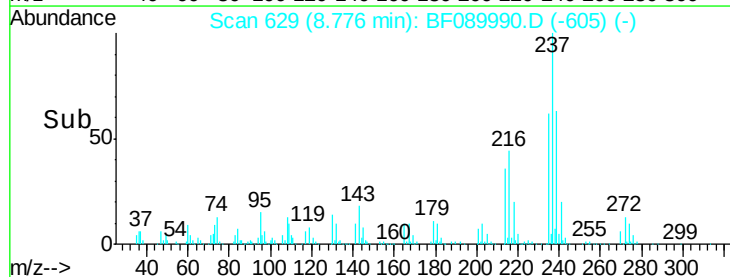
272 12.9 0.0 34.6

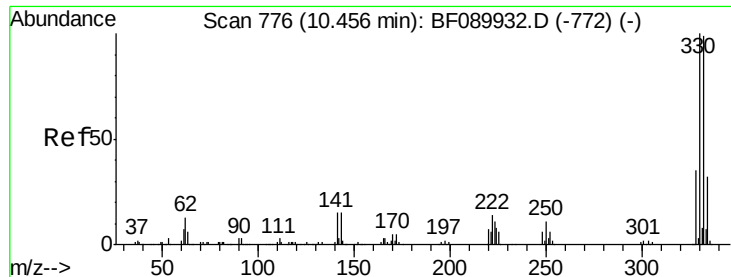


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

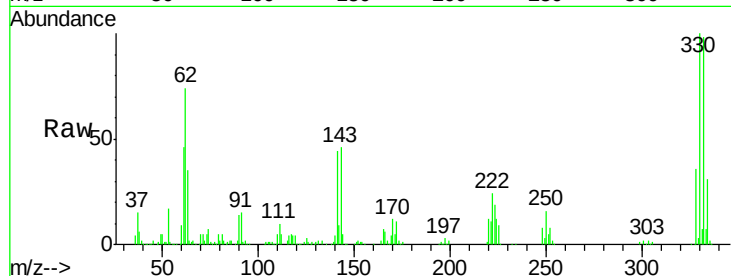




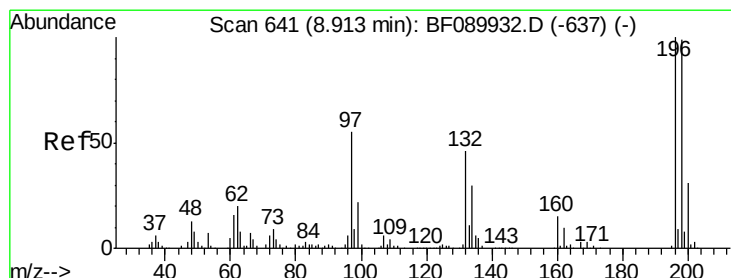
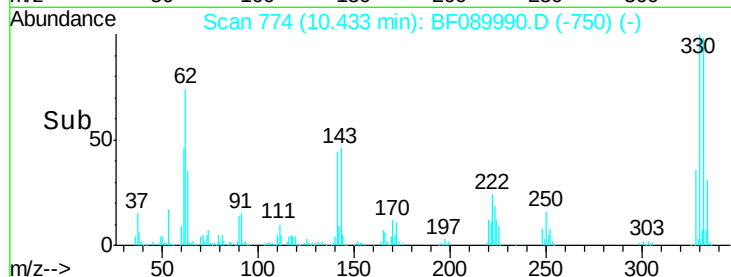
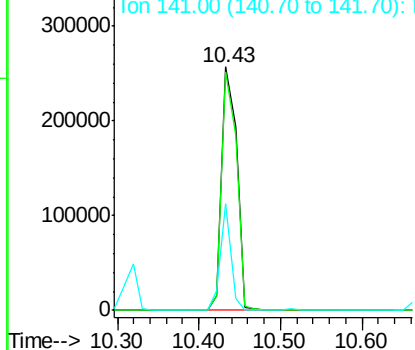
#41
 2,4,6-Tribromophenol
 Concen: 76.54 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF089990.D
 Acq: 6 Sep 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.6	117.8
141	31.2	23.3	34.9

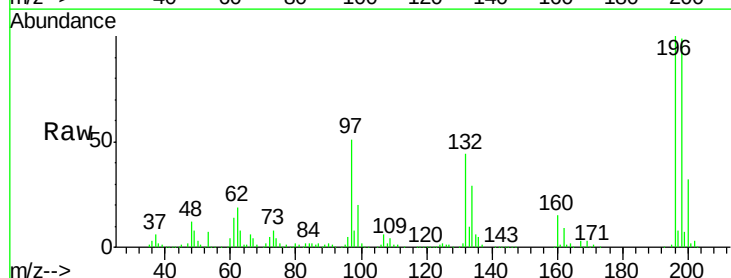


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

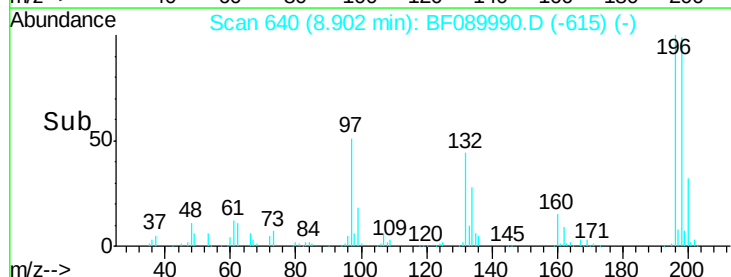
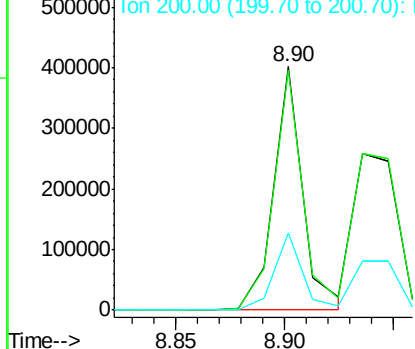


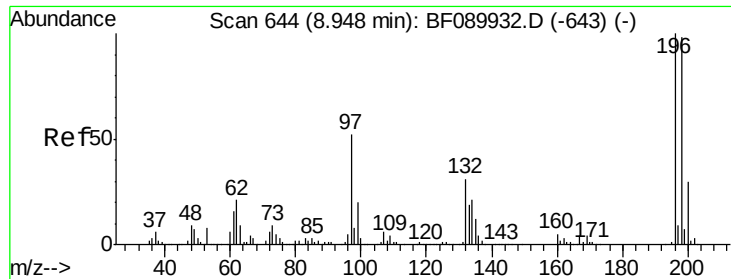
#42
 2,4,6-Trichlorophenol
 Concen: 42.91 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BF089990.D
 Acq: 6 Sep 2016 15:09

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.6	78.3	117.5
200	31.7	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

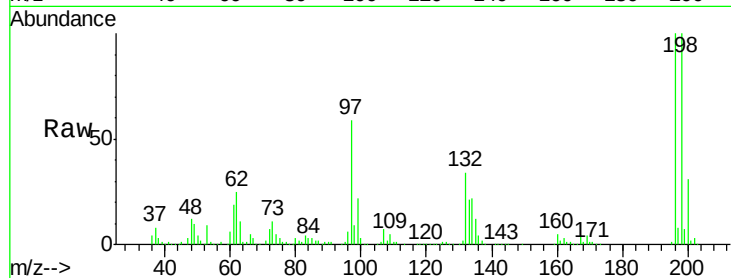




#43
 2,4,5-Trichlorophenol
 Concen: 42.99 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.02 min
 Lab File: BF089990.D
 Acq: 6 Sep 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	362670
Ion	Ratio	Lower	Upper
196	100		
198	99.6	80.8	121.2
97	59.0	44.2	66.4
132	33.7	25.8	38.6



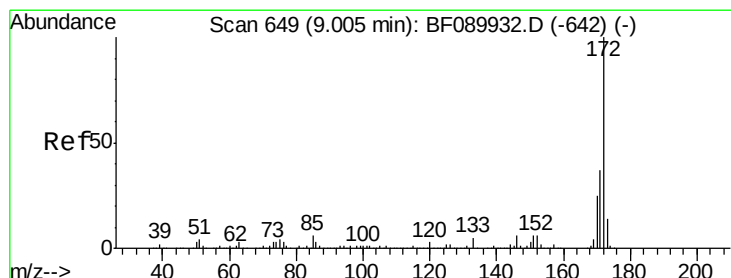
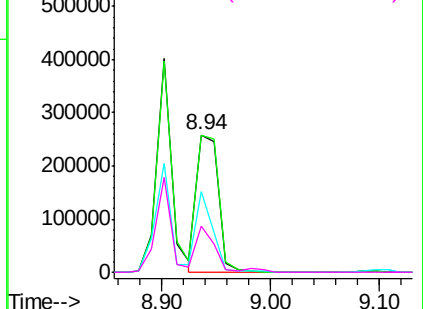
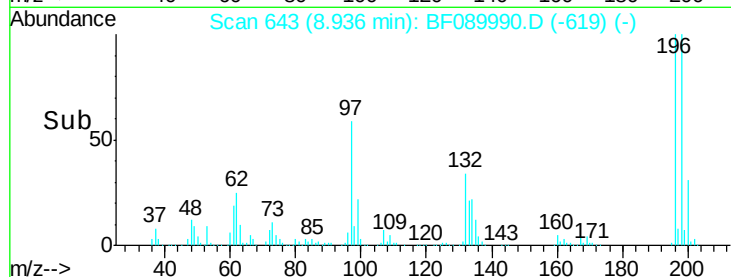
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

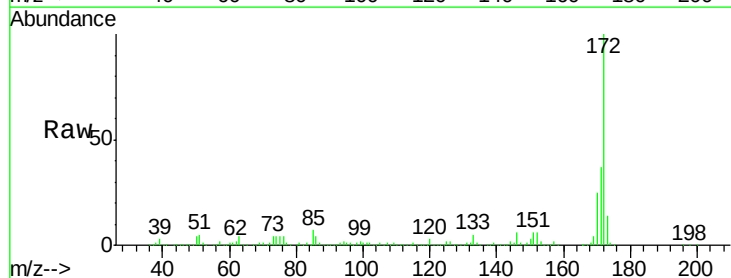
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.62 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.02 min
 Lab File: BF089990.D
 Acq: 6 Sep 2016 15:09

Tgt Ion:	172	Resp:	2043238
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.2
170	24.9	20.1	30.1

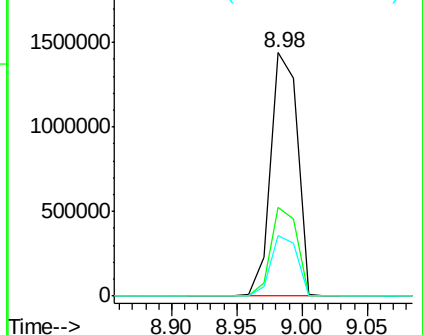
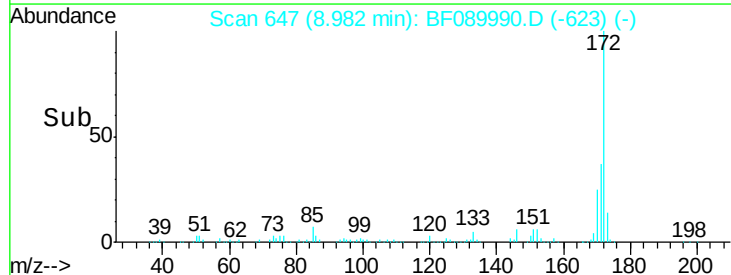


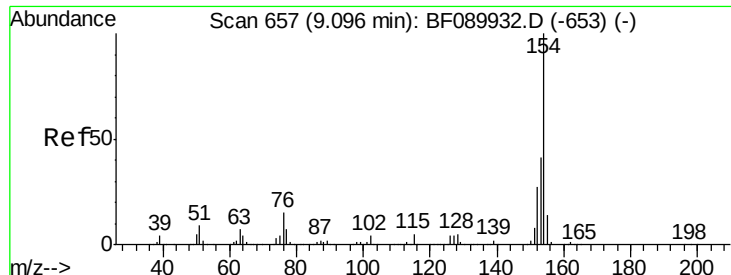
Abundance

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

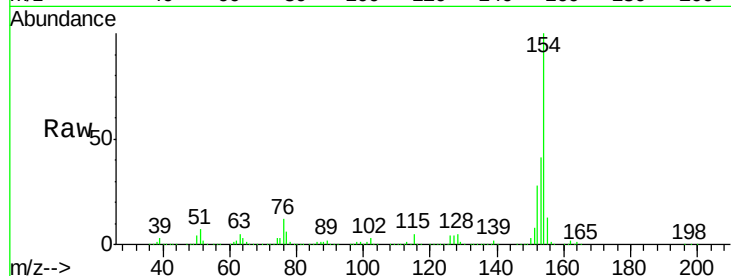




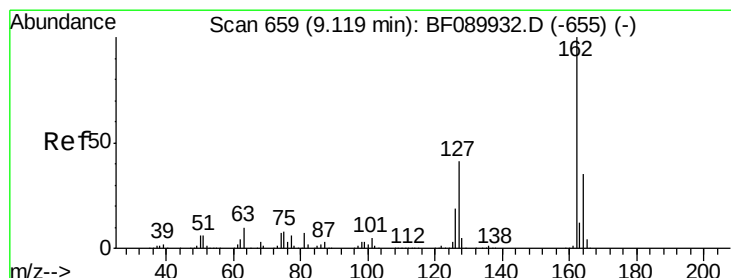
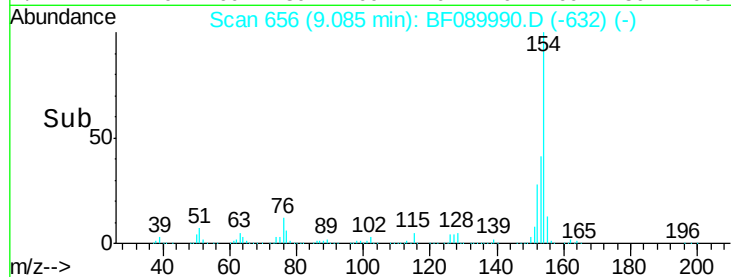
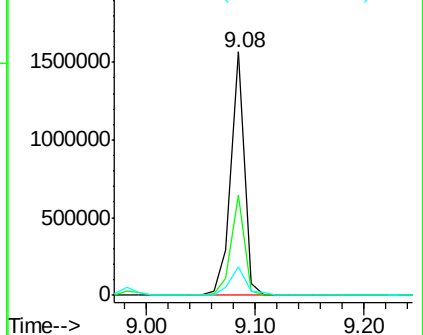
#45
 1,1'-Biphenyl
 Concen: 38.66 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.02 min
 Lab File: BF089990.D
 Acq: 6 Sep 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1345145
 Ion Ratio Lower Upper
 154 100
 153 41.1 20.6 60.6
 76 11.8 0.0 34.9

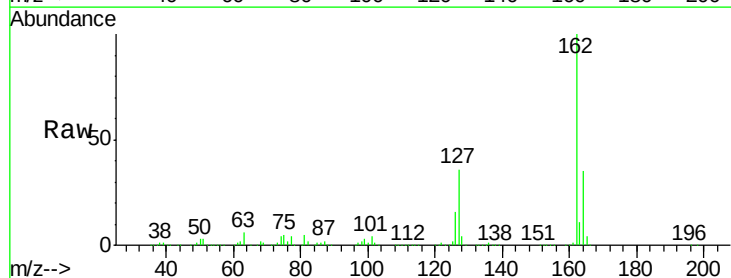


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

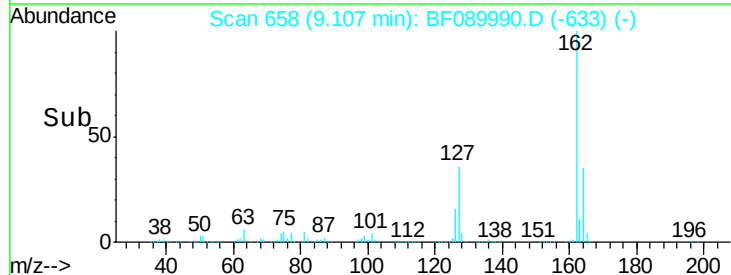
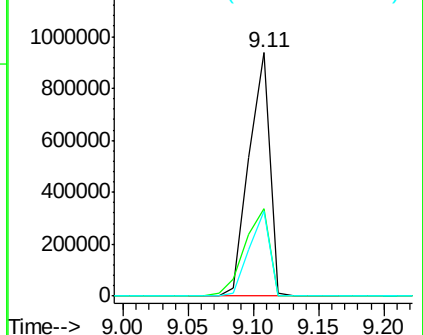


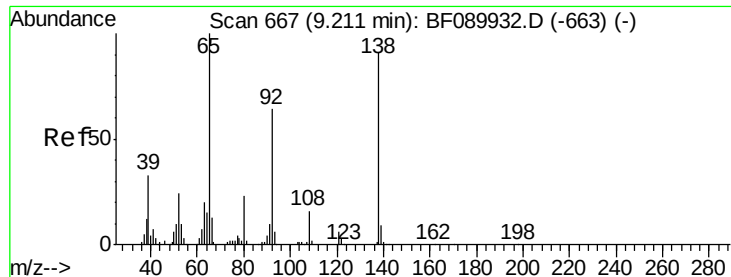
#46
 2-Chloronaphthalene
 Concen: 42.23 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF089990.D
 Acq: 6 Sep 2016 15:09

Tgt Ion:162 Resp: 1039271
 Ion Ratio Lower Upper
 162 100
 127 35.9 33.5 50.3
 164 34.6 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: 40.96 ng

RT: 9.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA_F

ClientSampled :

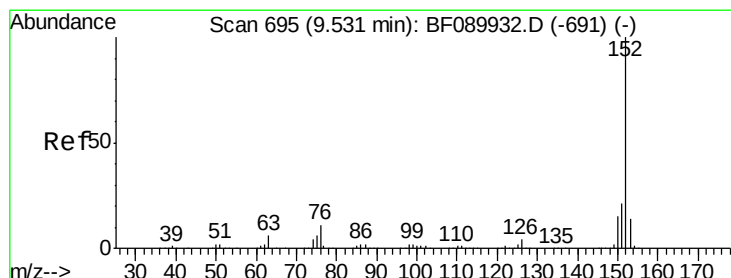
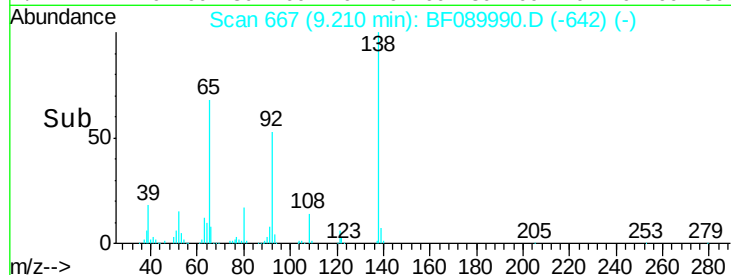
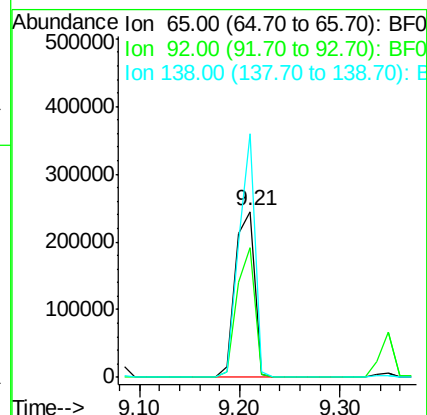
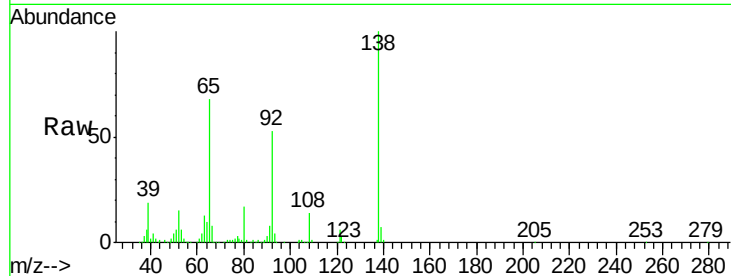
Tot Ion: 65 Resp: 329507

Ion Ratio Lower Upper

65 100

92 77.9 52.0 78.0

138 146.9 72.1 108.1#



#48

Acenaphthylene

Concen: 38.58 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

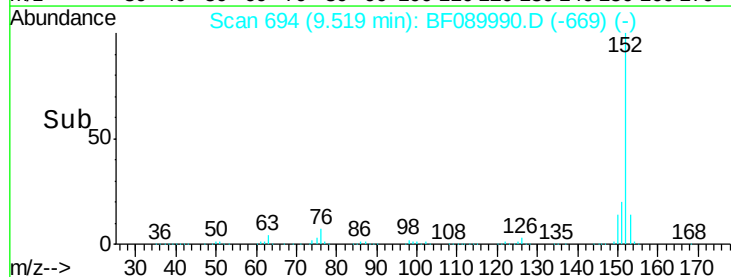
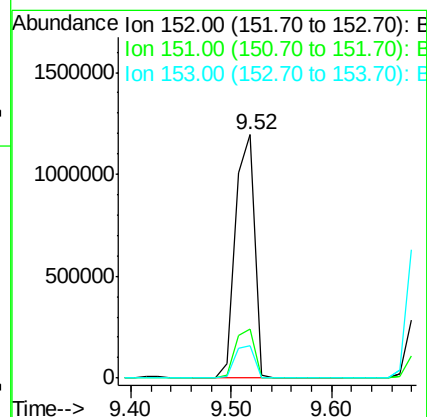
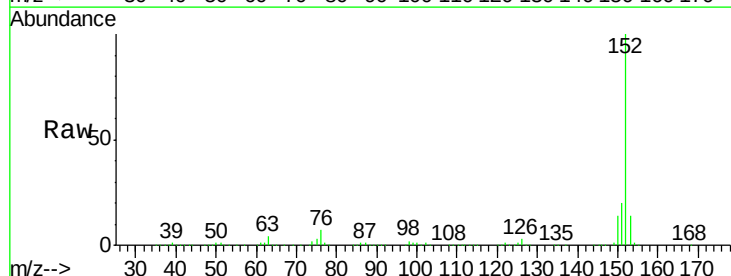
Tgt Ion: 152 Resp: 1570019

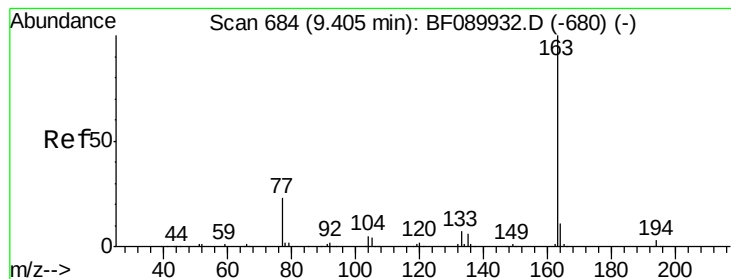
Ion Ratio Lower Upper

152 100

151 20.1 16.7 25.1

153 13.5 11.6 17.4





#49

Dimethylphthalate

Concen: 35.82 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA_F

ClientSampleId :

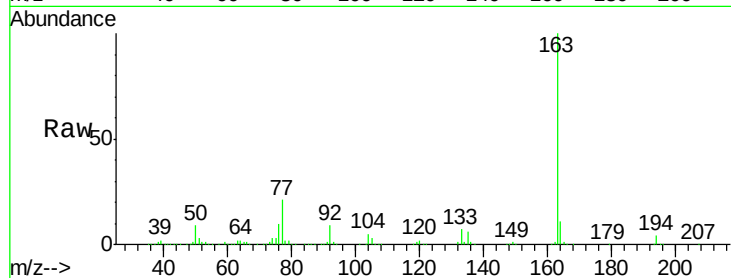
Tot Ion:163 Resp: 1118714

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

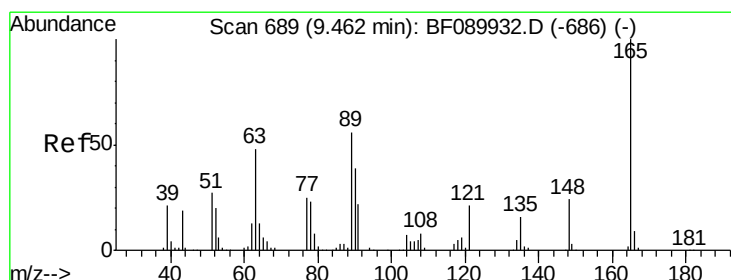
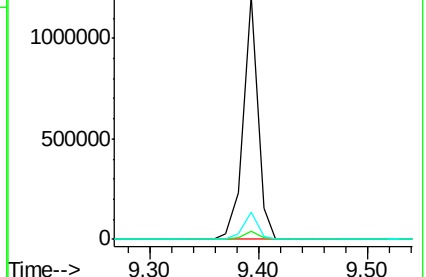
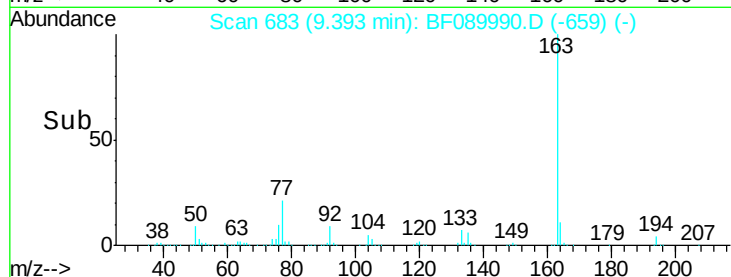
164 11.1 9.0 13.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.99 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

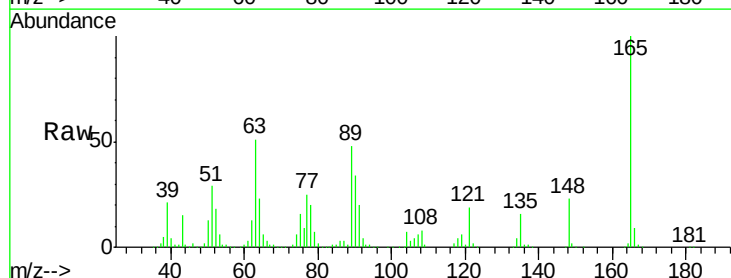
Tgt Ion:165 Resp: 284724

Ion Ratio Lower Upper

165 100

63 50.6 45.0 67.4

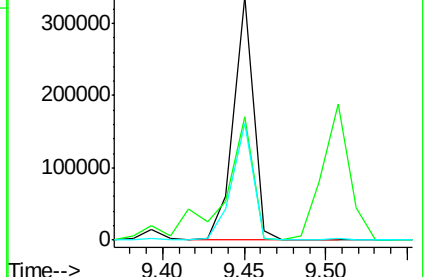
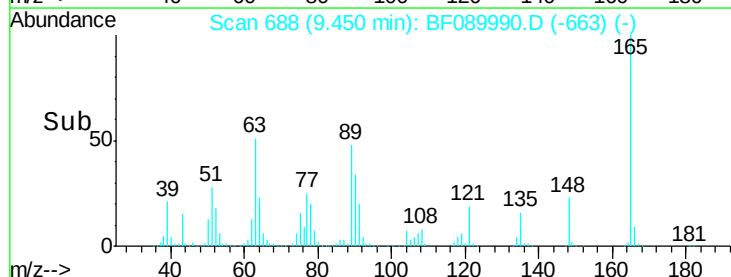
89 48.1 41.5 62.3

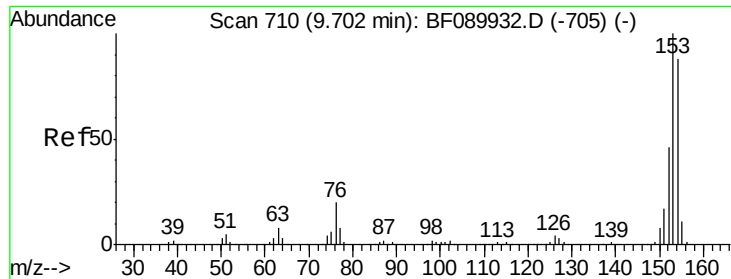


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.58 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA_F

ClientSampleId :

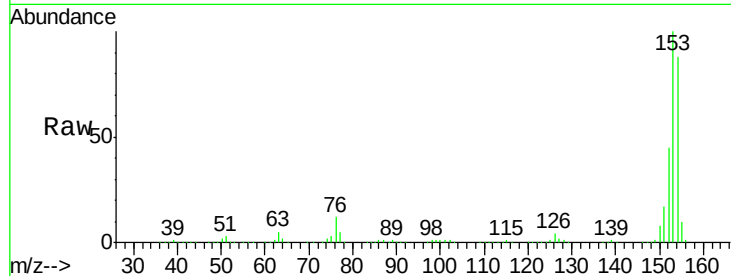
Tot Ion:154 Resp: 1072084

Ion Ratio Lower Upper

154 100

153 113.4 90.6 135.8

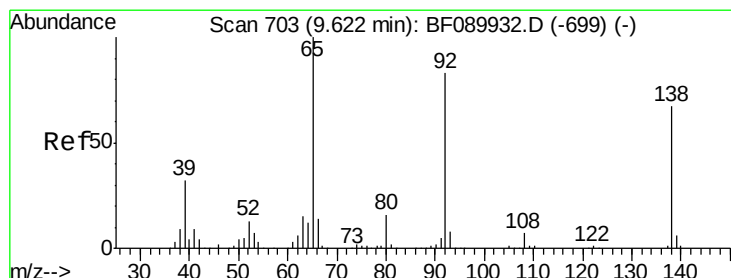
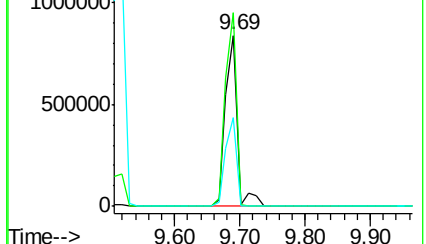
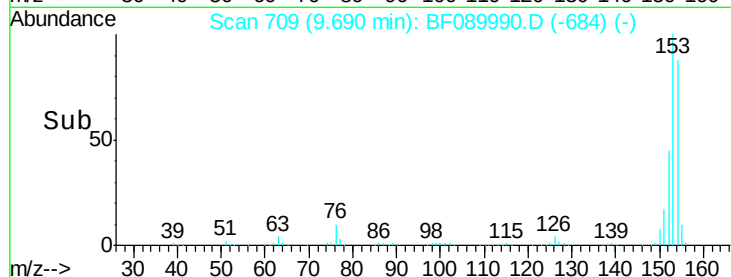
152 51.5 42.4 63.6



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: 42.83 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

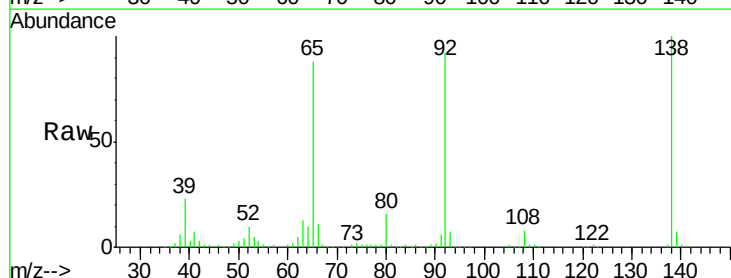
Tgt Ion:138 Resp: 339291

Ion Ratio Lower Upper

138 100

108 8.5 8.3 12.5

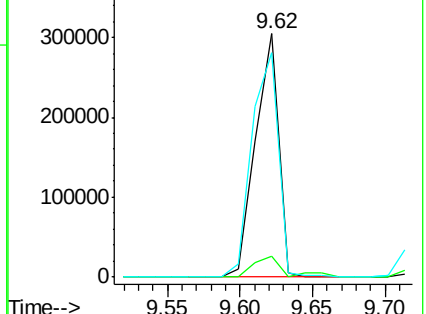
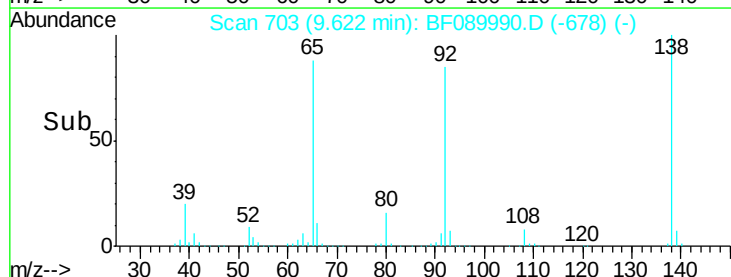
92 92.1 99.1 148.7#

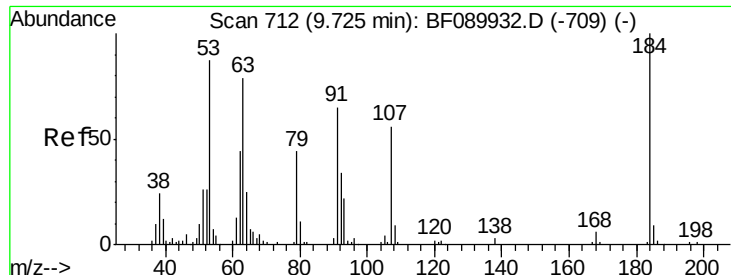


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

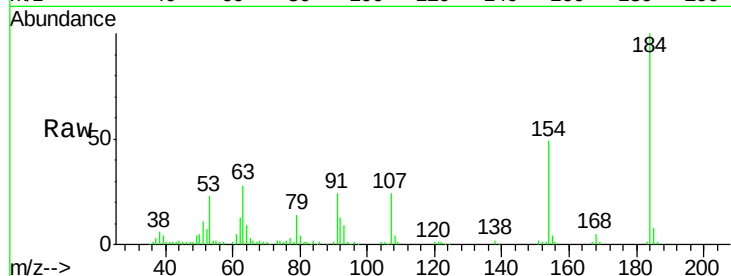




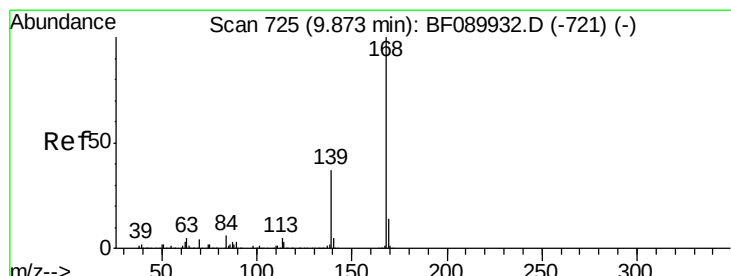
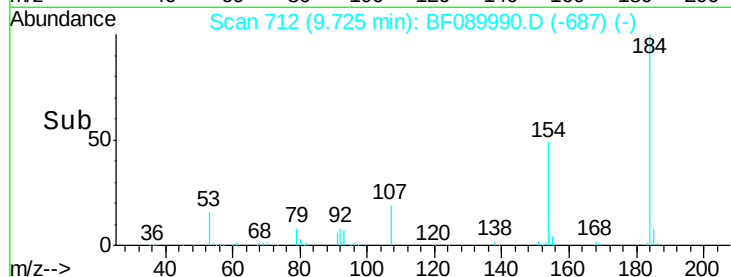
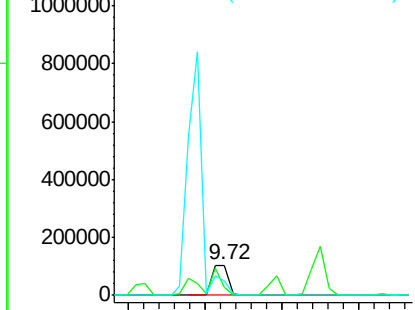
#53
2,4-Dinitrophenol
Concen: 43.12 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF089990.D
Acq: 6 Sep 2016 15:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 152821
Ion Ratio Lower Upper
184 100
63 28.3 73.9 110.9#
154 48.8 53.5 80.3#

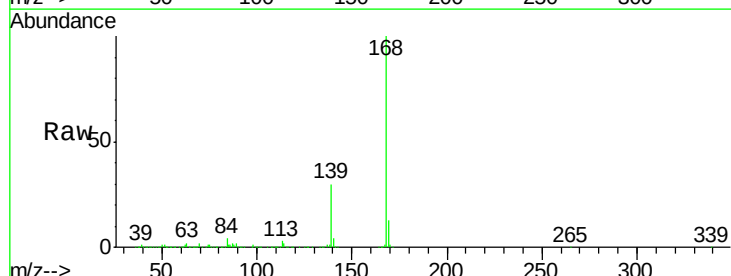


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

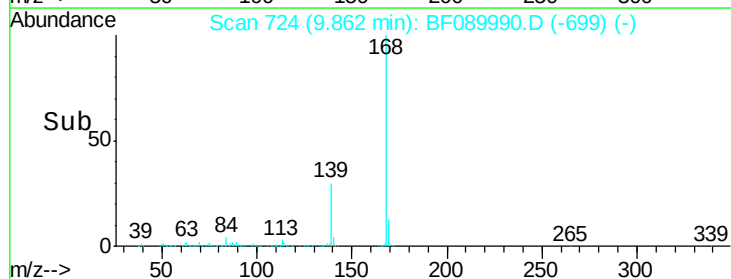
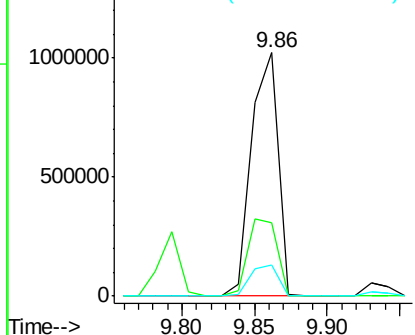


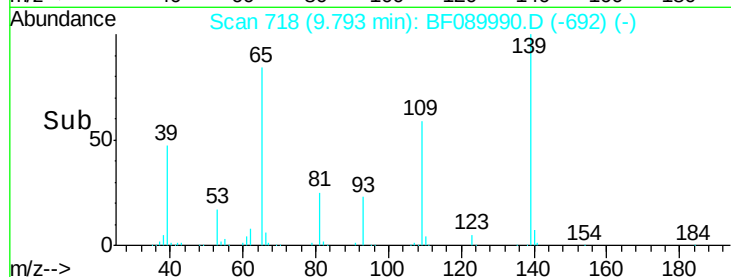
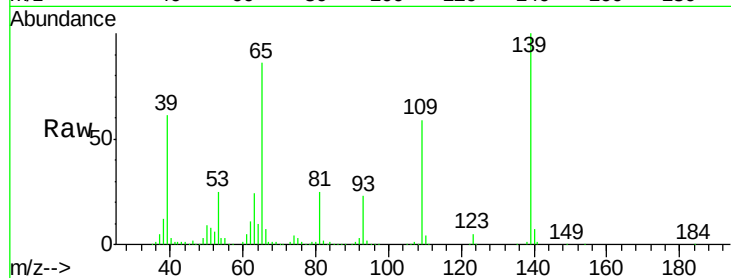
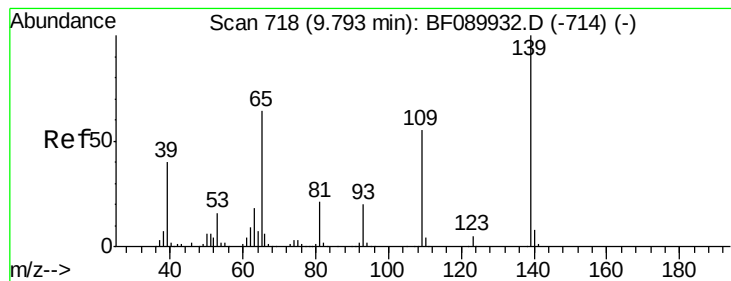
#54
Dibenzofuran
Concen: 37.69 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF089990.D
Acq: 6 Sep 2016 15:09

Tgt Ion:168 Resp: 1302338
Ion Ratio Lower Upper
168 100
139 30.0 29.5 44.3
169 12.9 10.8 16.2



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





#55

4-Nitrophenol

Concen: 45.64 ng

RT: 9.79 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA_F

ClientSampleId :

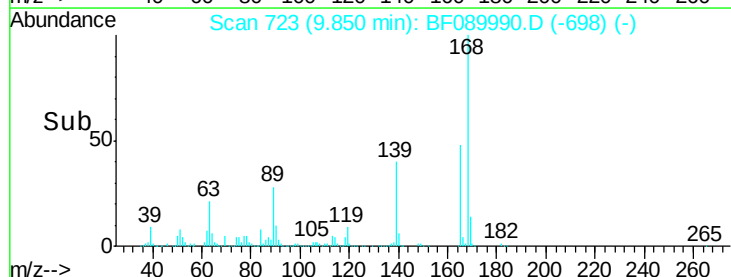
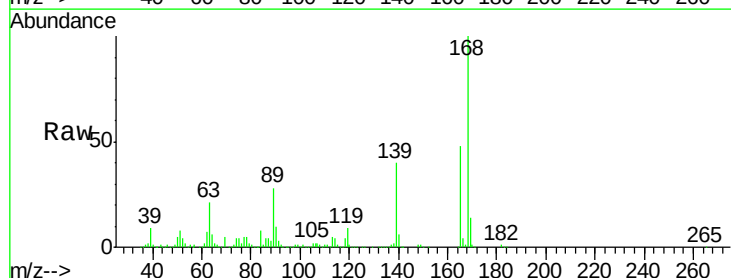
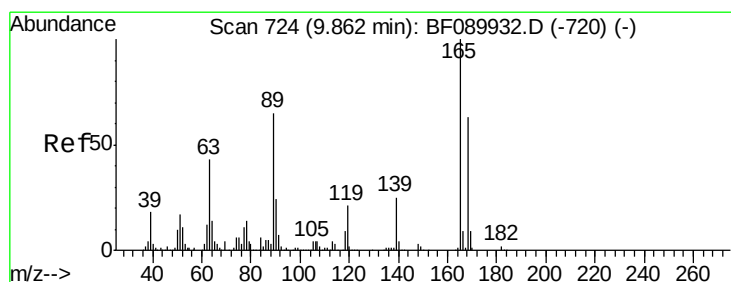
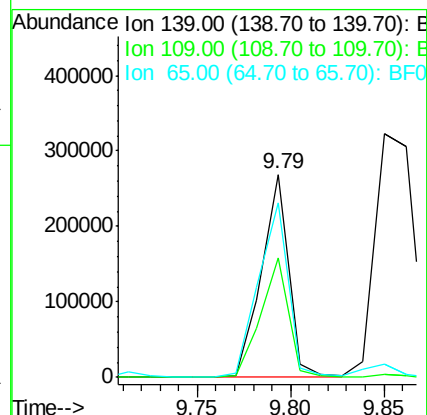
Tot Ion:139 Resp: 272713

Ion Ratio Lower Upper

139 100

109 58.6 31.3 71.3

65 85.7 38.5 78.5#



#56

2,4-Dinitrotoluene

Concen: 43.37 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Tgt Ion:165 Resp: 382013

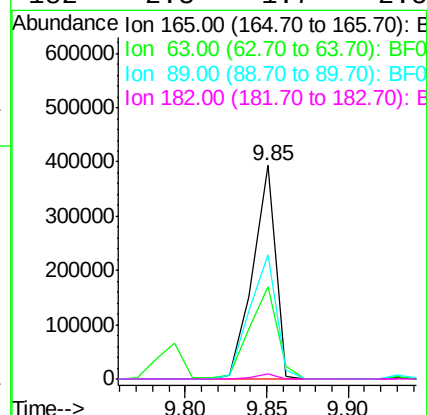
Ion Ratio Lower Upper

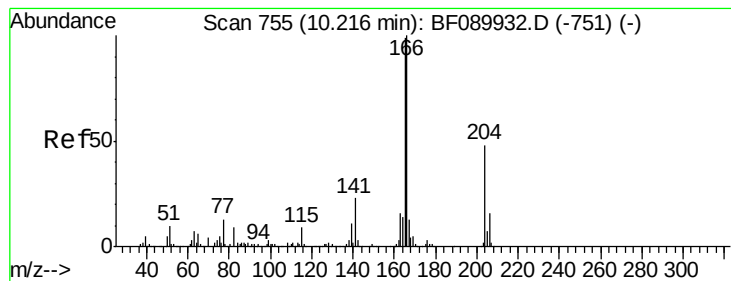
165 100

63 43.0 32.5 48.7

89 58.3 48.3 72.5

182 2.3 1.7 2.5





#57

Fluorene

Concen: 34.74 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA_F

ClientSampleId :

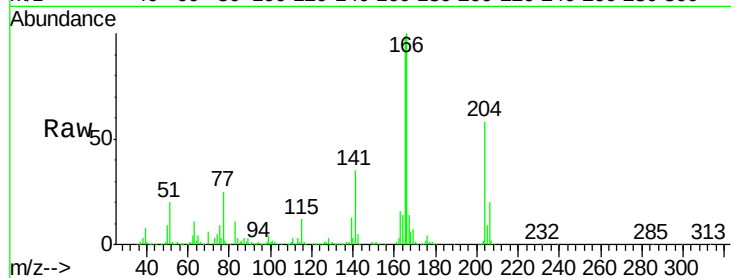
Tot Ion:166 Resp: 877115

Ion Ratio Lower Upper

166 100

165 98.7 78.6 118.0

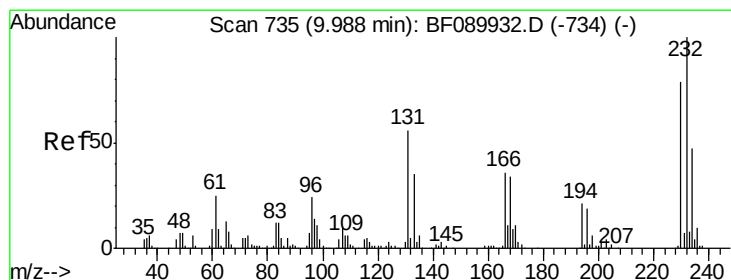
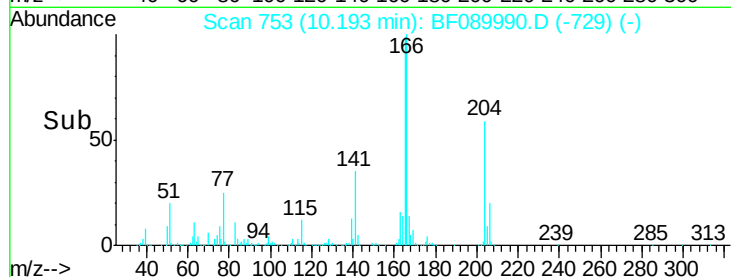
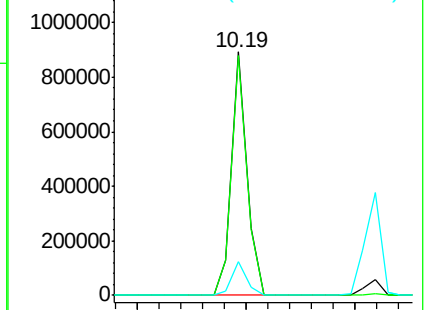
167 13.7 10.6 15.8



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: 39.05 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Tgt Ion:232 Resp: 282017

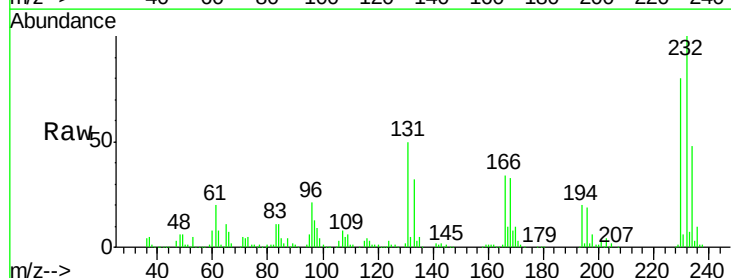
Ion Ratio Lower Upper

232 100

131 45.3 36.3 54.5

130 2.2 1.7 2.5

166 31.4 24.4 36.6

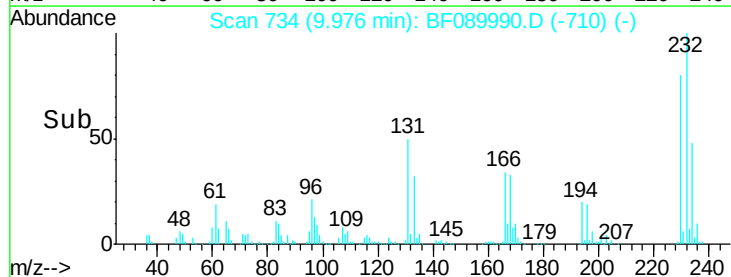
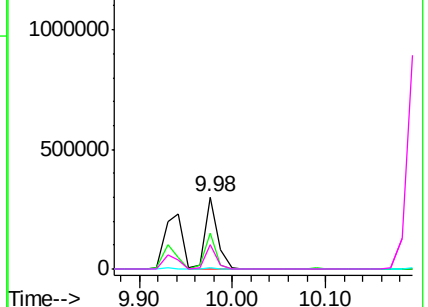


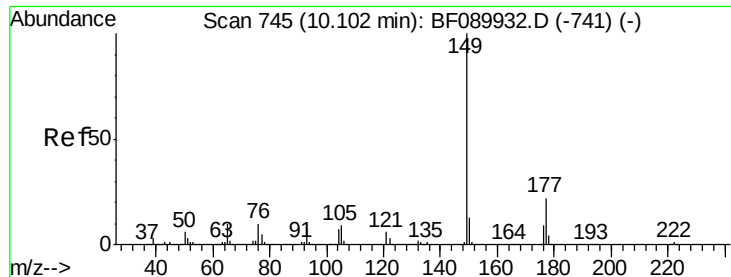
Abundance Ion 232.00 (231.70 to 232.70): E

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

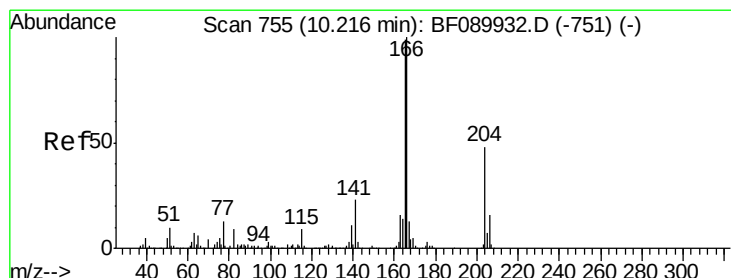
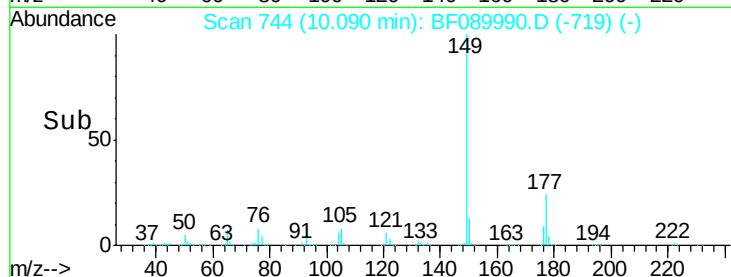
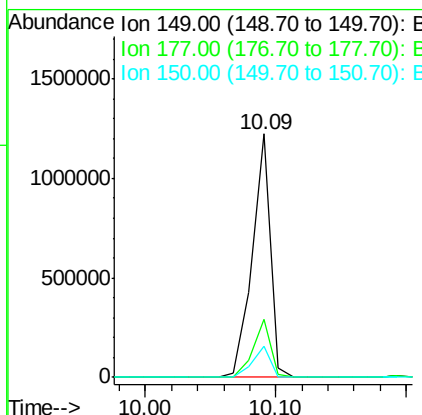
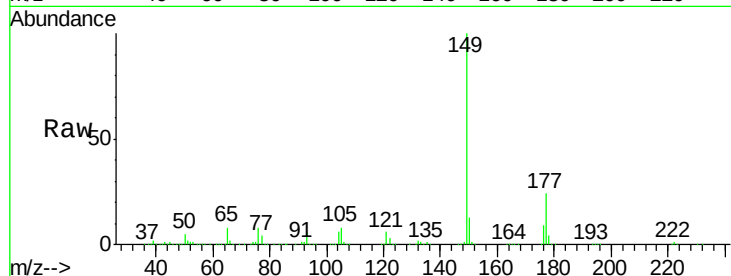




#59
Diethylphthalate
Concen: 40.23 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF089990.D
Acq: 6 Sep 2016 15:09

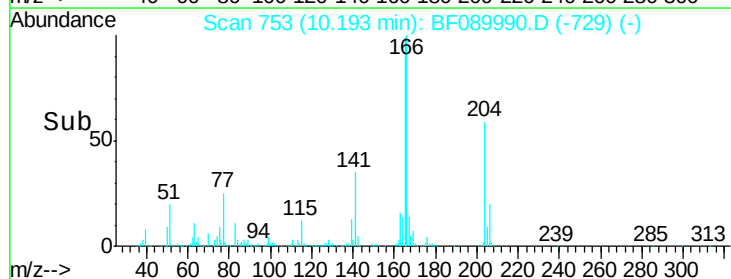
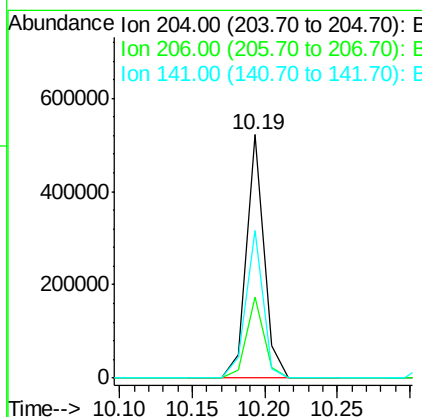
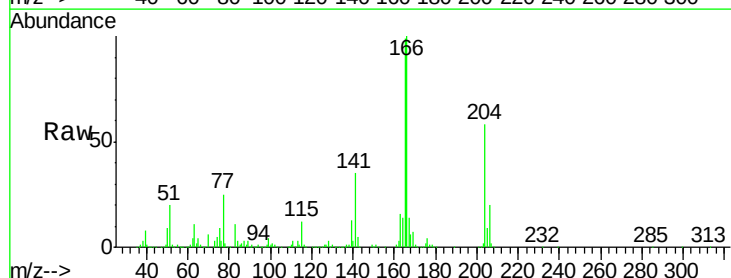
Instrument :
BNA_F
ClientSampleId :

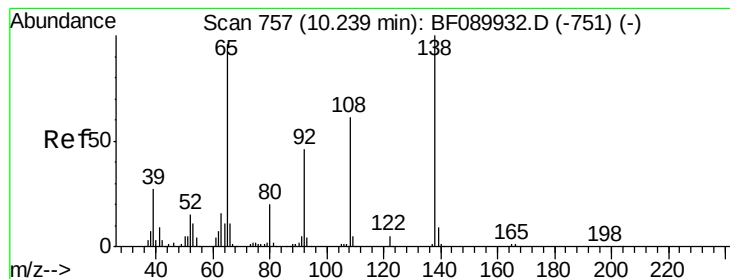
Tot Ion:149 Resp: 1181948
Ion Ratio Lower Upper
149 100
177 23.7 17.7 26.5
150 12.8 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 37.13 ng
RT: 10.19 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF089990.D
Acq: 6 Sep 2016 15:09

Tgt Ion:204 Resp: 441190
Ion Ratio Lower Upper
204 100
206 33.4 26.6 40.0
141 60.6 36.5 54.7#

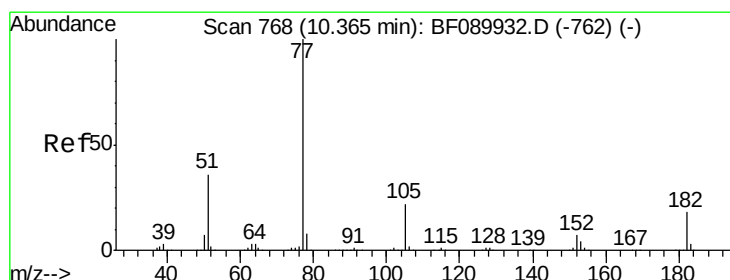
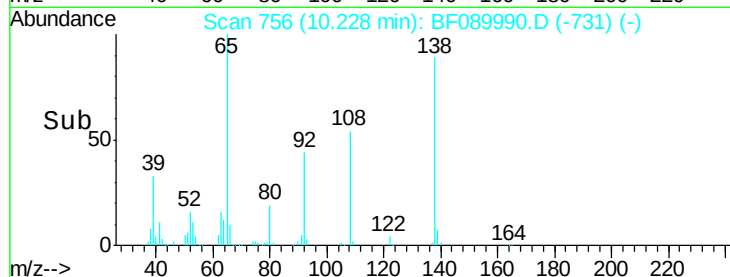
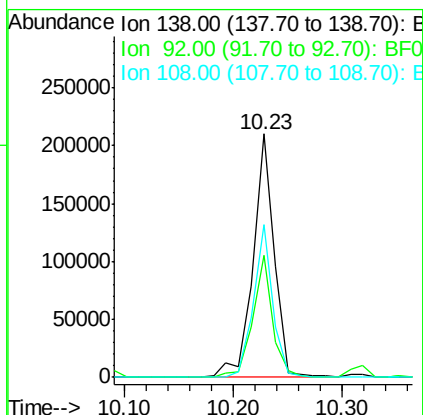
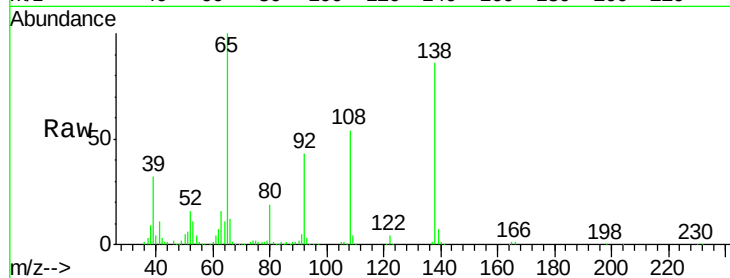




#61
4-Nitroaniline
Concen: 36.83 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF089990.D
Acq: 6 Sep 2016 15:09

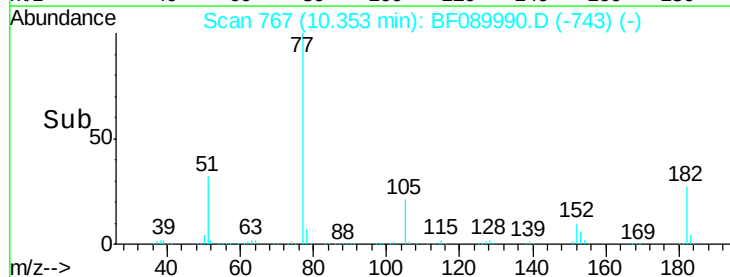
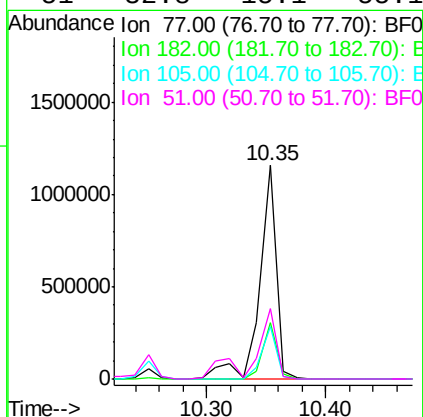
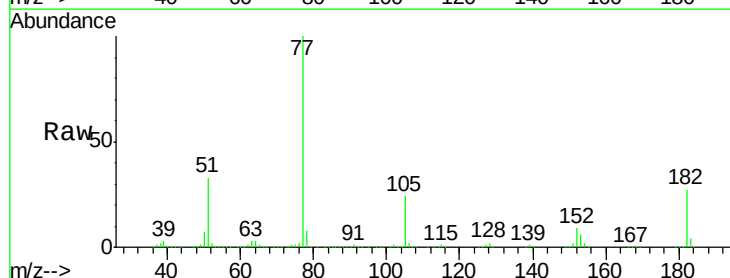
Instrument :
BNA_F
ClientSampleId :

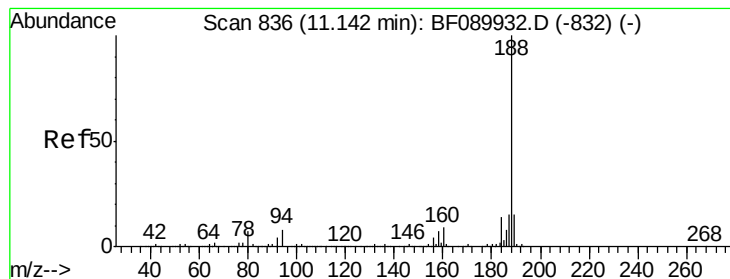
Tot Ion:138 Resp: 286682
Ion Ratio Lower Upper
138 100
92 49.9 21.2 61.2
108 62.9 37.7 77.7



#62
Azobenzene
Concen: 38.84 ng
RT: 10.35 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF089990.D
Acq: 6 Sep 2016 15:09

Tgt Ion: 77 Resp: 1139868
Ion Ratio Lower Upper
77 100
182 26.6 0.0 38.6
105 24.5 2.3 42.3
51 32.8 15.1 55.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA_F

ClientSampleId :

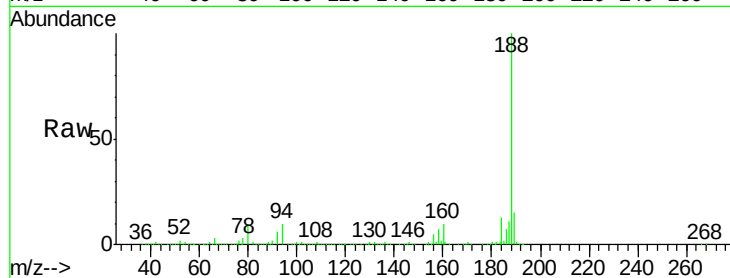
Tot Ion:188 Resp: 797659

Ion Ratio Lower Upper

188 100

94 10.1 5.9 8.9#

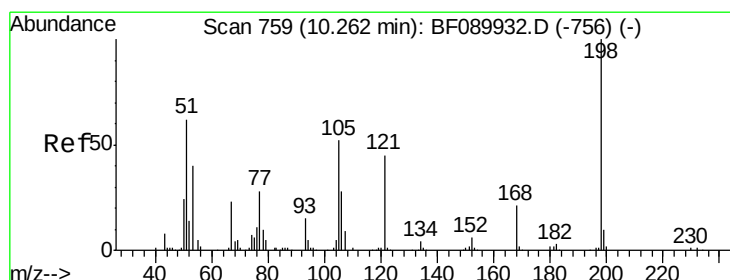
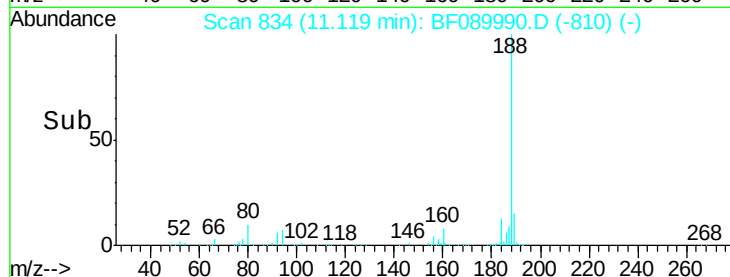
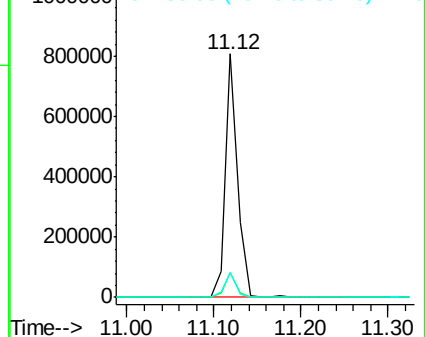
80 10.3 5.8 8.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 38.76 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

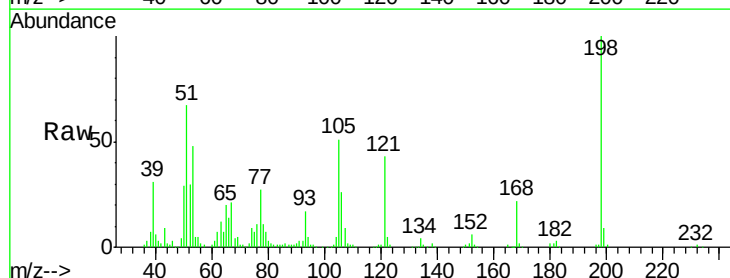
Tgt Ion:198 Resp: 197939

Ion Ratio Lower Upper

198 100

51 66.9 43.0 83.0

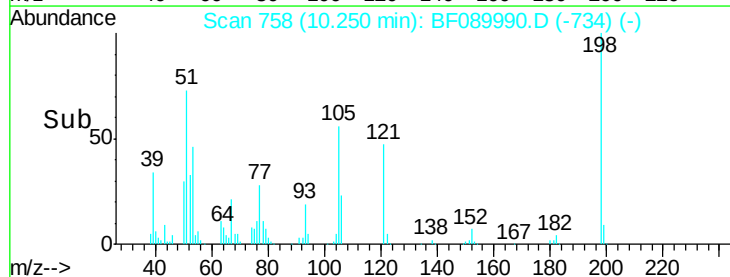
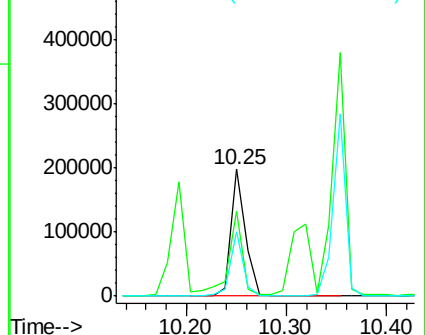
105 50.7 30.3 70.3

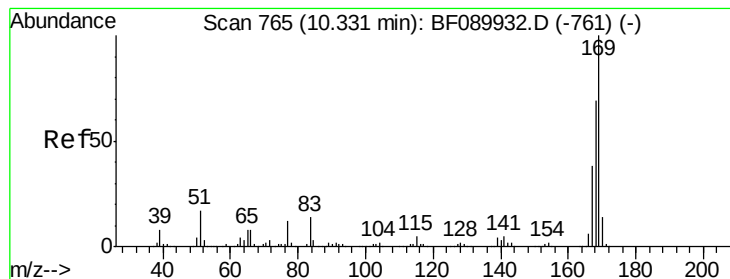


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.56 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA_F

ClientSampleId :

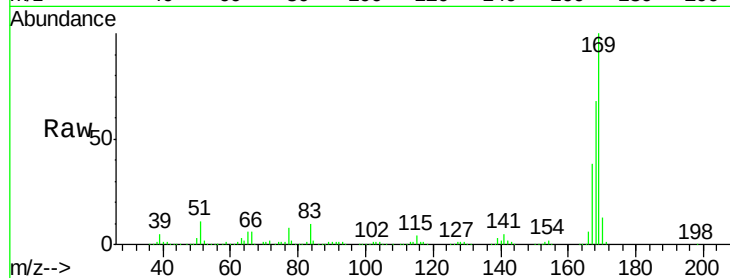
Tot Ion:169 Resp: 1020509

Ion Ratio Lower Upper

169 100

168 67.6 55.0 82.4

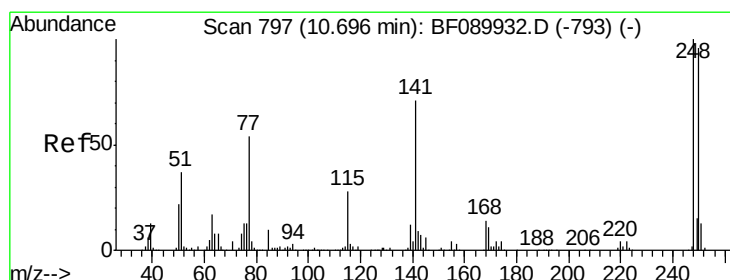
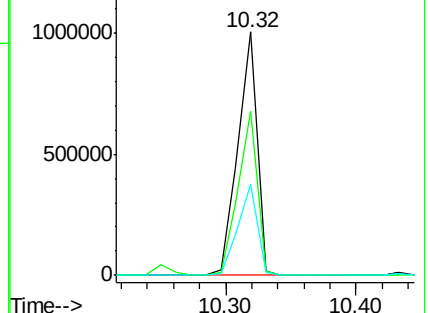
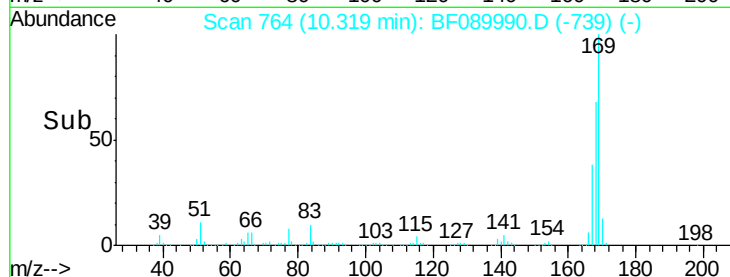
167 37.6 30.5 45.7



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: 40.85 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

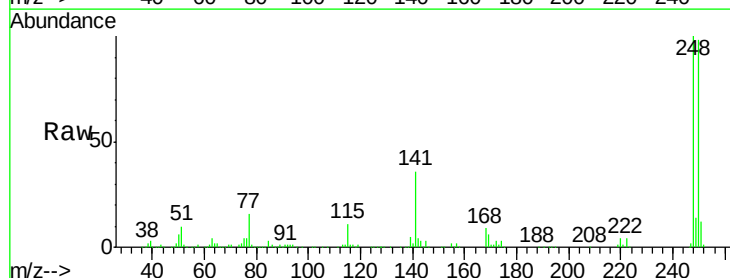
Tgt Ion:248 Resp: 328070

Ion Ratio Lower Upper

248 100

250 97.8 77.3 115.9

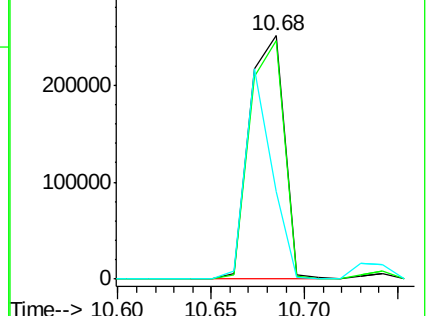
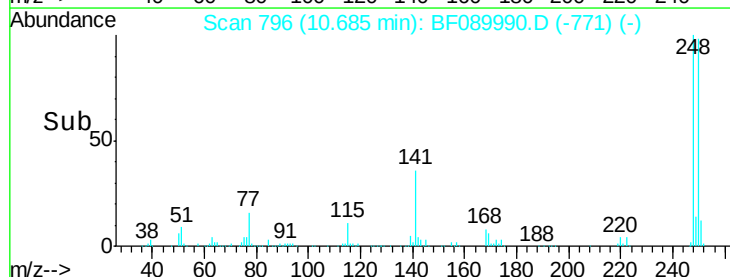
141 36.0 55.8 83.8#

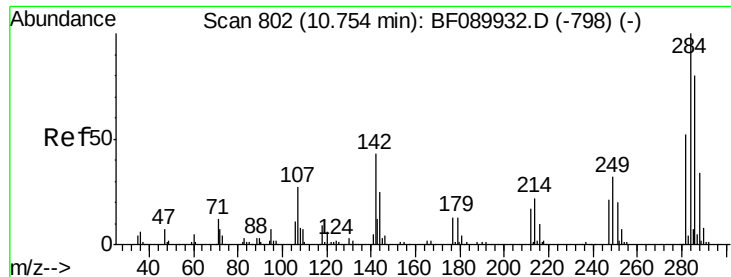


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

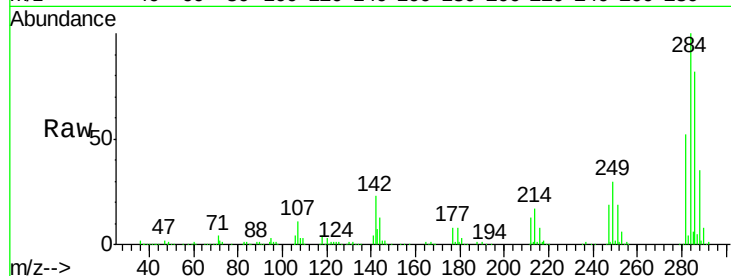




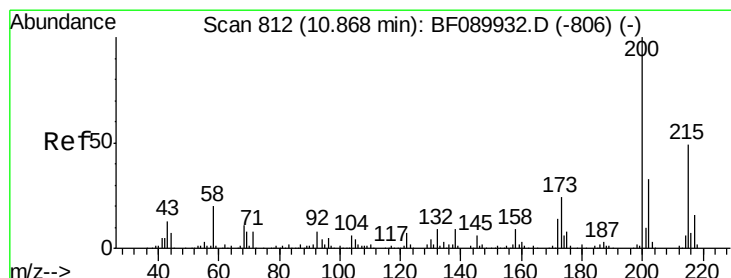
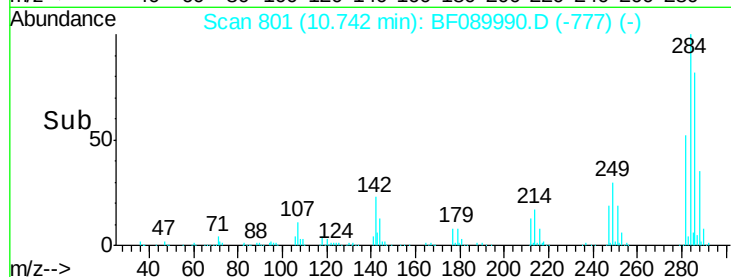
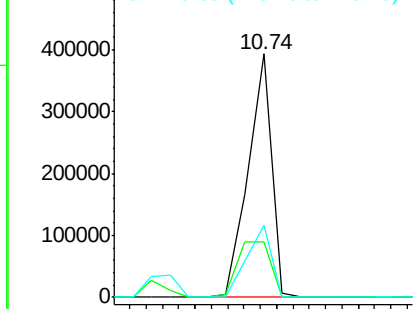
#67
Hexachlorobenzene
Concen: 42.64 ng
RT: 10.74 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF089990.D
Acq: 6 Sep 2016 15:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 391137
Ion Ratio Lower Upper
284 100
142 22.5 32.7 49.1#
249 29.6 26.9 40.3

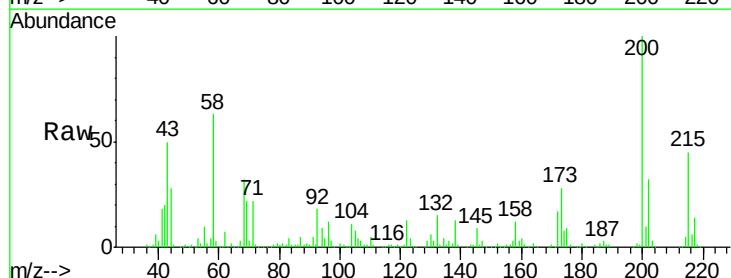


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

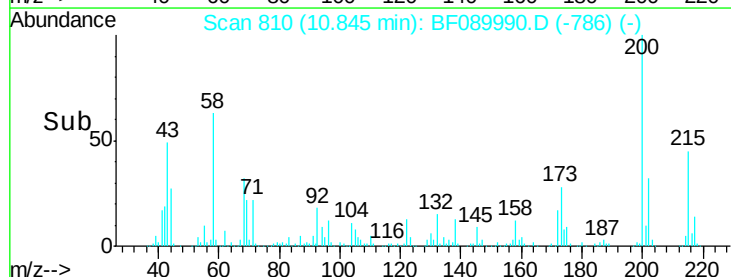
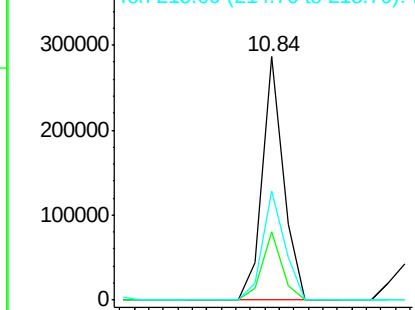


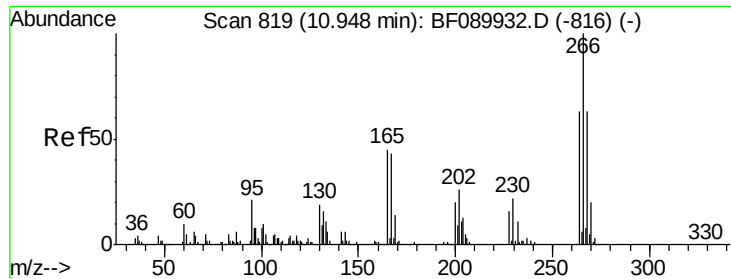
#68
Atrazine
Concen: 36.22 ng
RT: 10.84 min Scan# 810
Delta R.T. -0.02 min
Lab File: BF089990.D
Acq: 6 Sep 2016 15:09

Tgt Ion:200 Resp: 289938
Ion Ratio Lower Upper
200 100
173 27.8 9.4 49.4
215 44.8 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

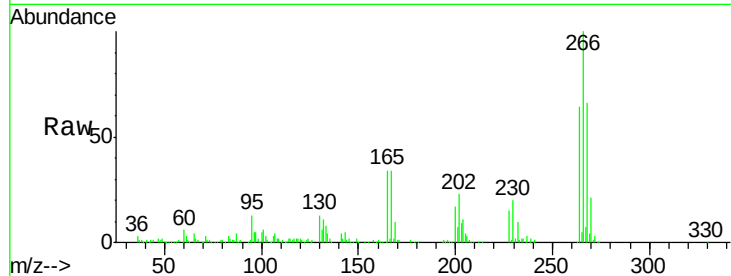




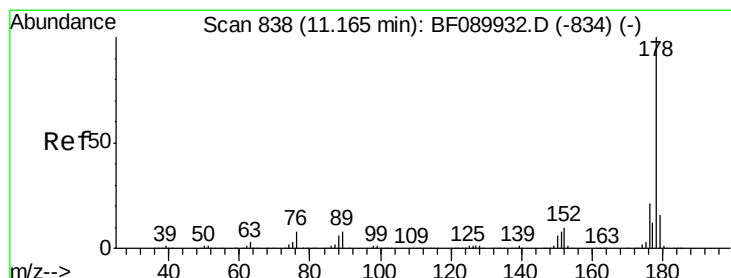
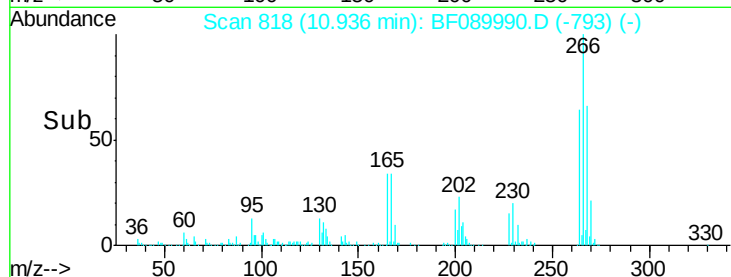
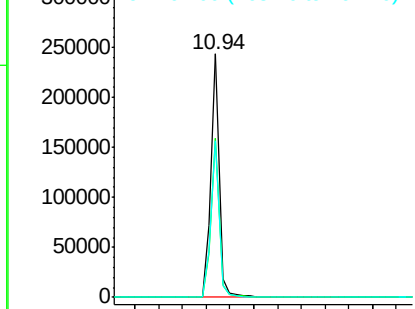
#69
 Pentachlorophenol
 Concen: 48.86 ng
 RT: 10.94 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF089990.D
 Acq: 6 Sep 2016 15:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 241092
 Ion Ratio Lower Upper
 266 100
 268 65.6 51.0 76.6
 264 64.2 50.6 75.8

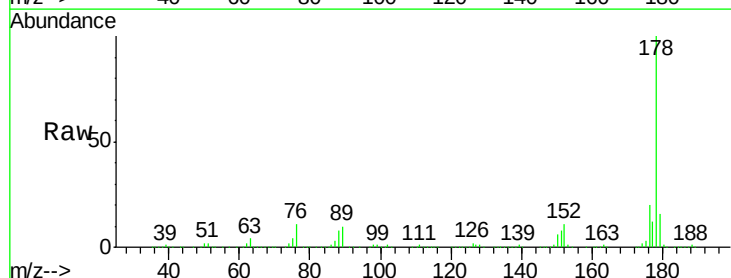


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

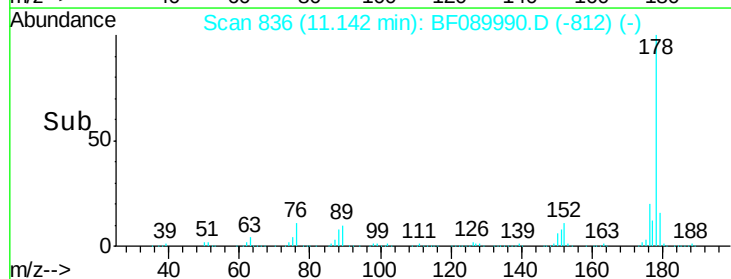
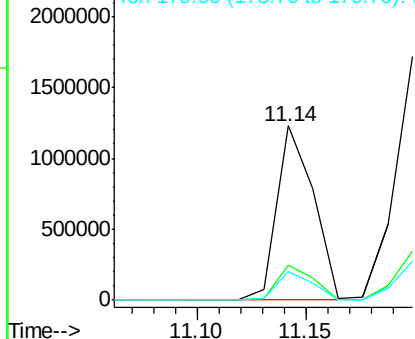


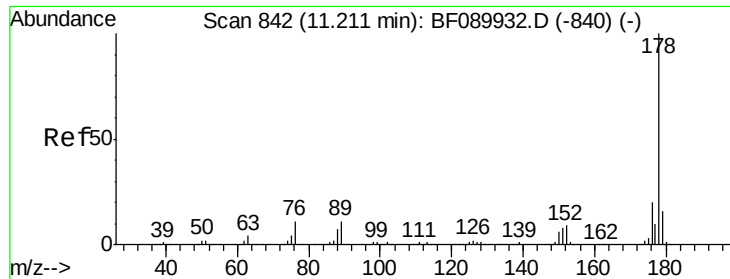
#70
 Phenanthrene
 Concen: 36.35 ng
 RT: 11.14 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF089990.D
 Acq: 6 Sep 2016 15:09

Tgt Ion:178 Resp: 1443884
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.5 24.7
 179 16.2 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: 40.39 ng

RT: 11.20 min Scan# 841

Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA_F

ClientSampleId :

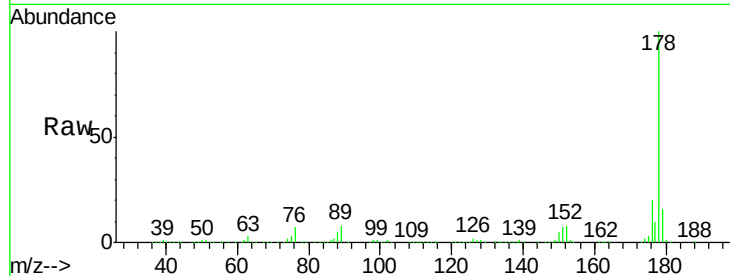
Tot Ion:178 Resp: 1627294

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

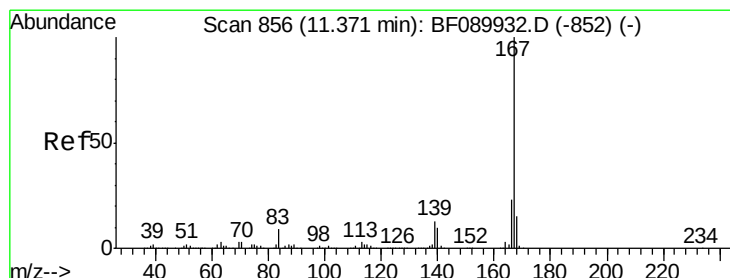
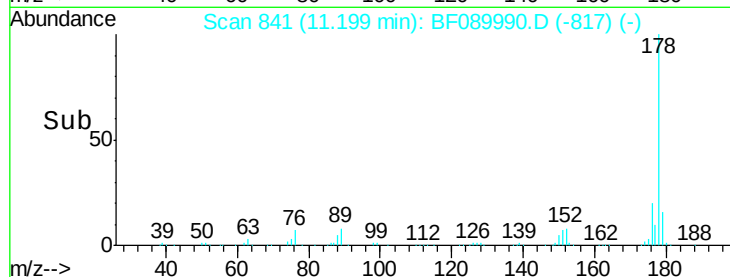
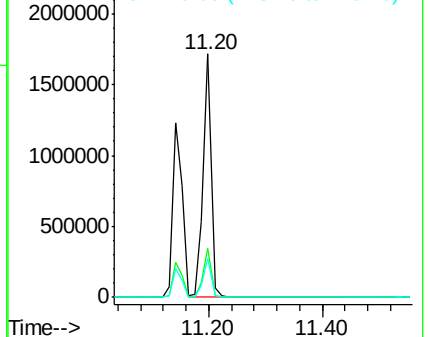
179 15.8 13.0 19.4



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: 41.84 ng

RT: 11.36 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

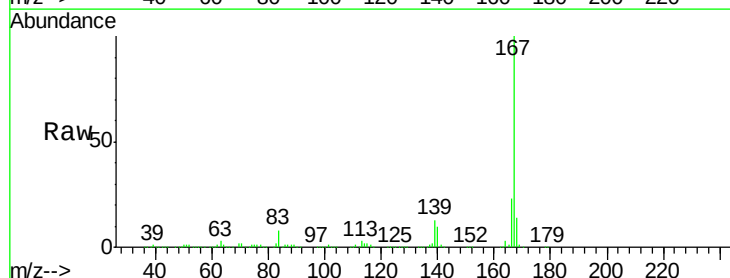
Tgt Ion:167 Resp: 1580626

Ion Ratio Lower Upper

167 100

166 22.5 18.1 27.1

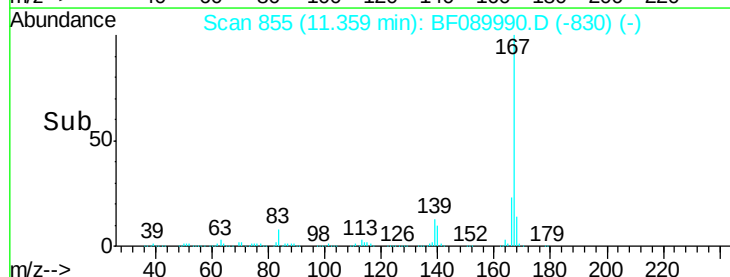
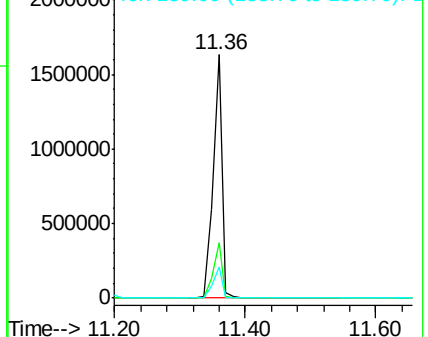
139 12.6 10.4 15.6

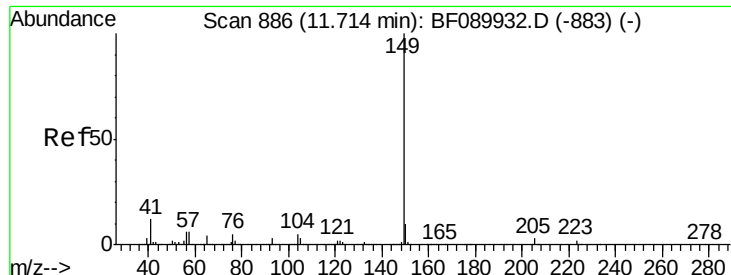


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.55 ng

RT: 11.70 min Scan# 885

Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA_F

ClientSampleId :

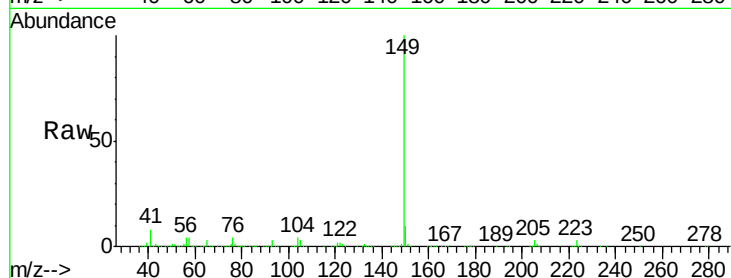
Tot Ion:149 Resp: 1741352

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.8

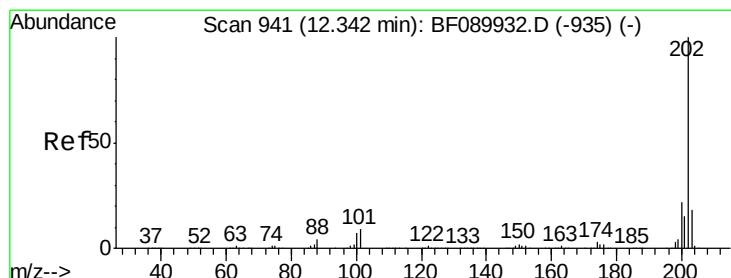
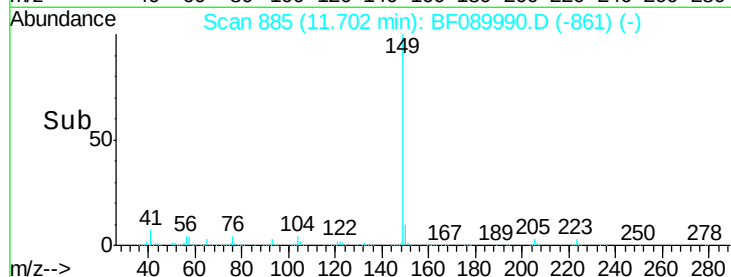
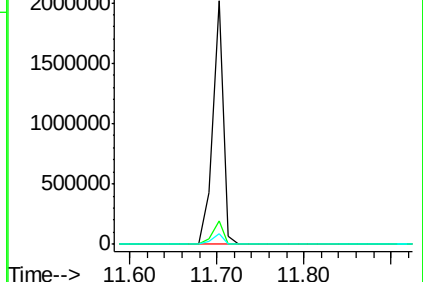
104 4.4 3.9 5.9



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: 35.32 ng

RT: 12.32 min Scan# 939

Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

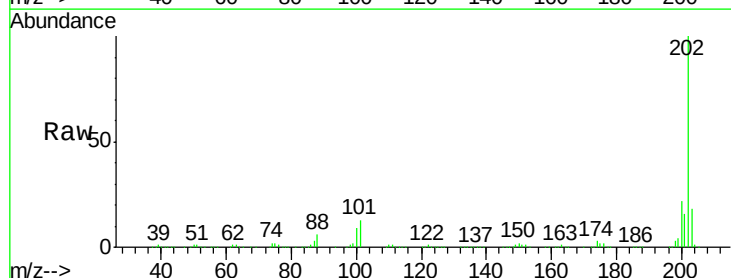
Tgt Ion:202 Resp: 1470347

Ion Ratio Lower Upper

202 100

101 12.8 0.0 28.5

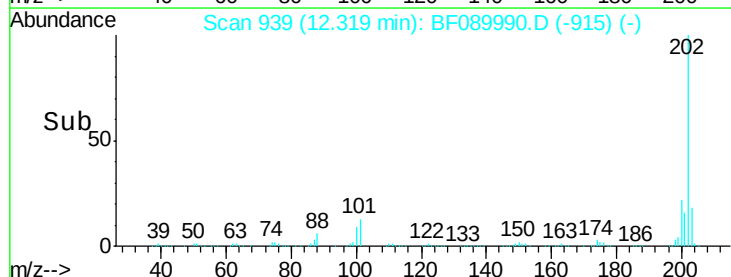
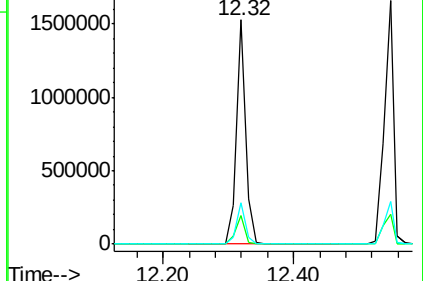
203 18.3 0.0 38.0

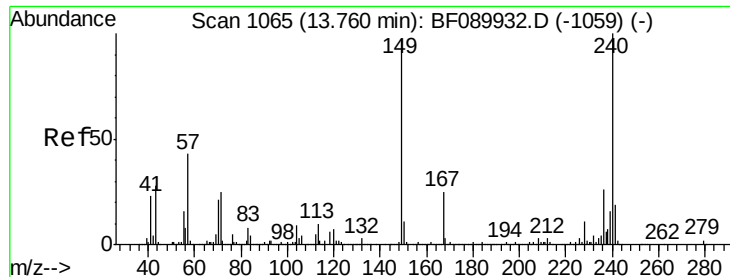


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.74 min Scan# 1063

Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA_F

ClientSampled :

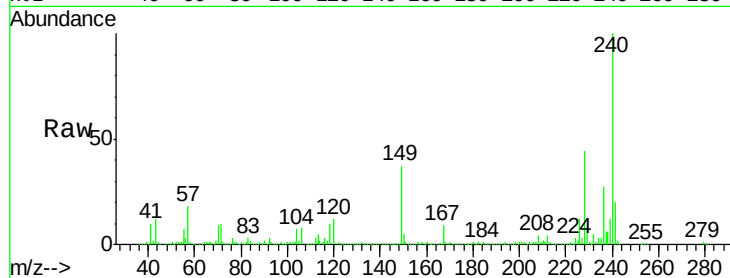
Tot Ion:240 Resp: 625657

Ion Ratio Lower Upper

240 100

120 11.8 5.7 8.5#

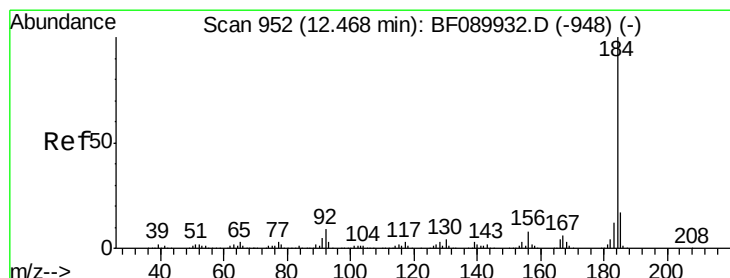
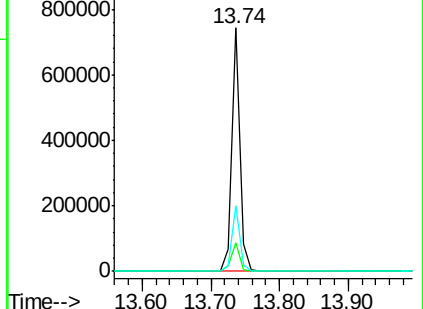
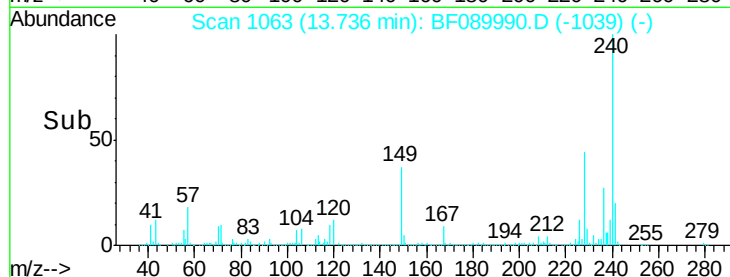
236 26.8 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.79 ng

RT: 12.46 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

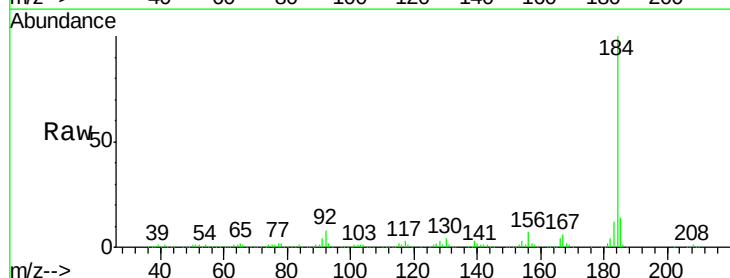
Tgt Ion:184 Resp: 943140

Ion Ratio Lower Upper

184 100

185 14.3 13.8 20.8

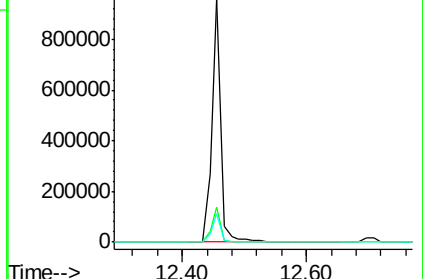
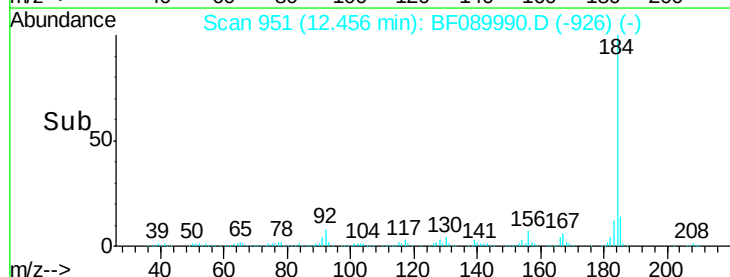
183 12.0 9.6 14.4

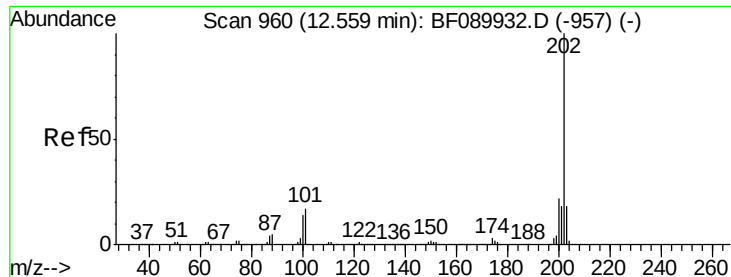


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.90 ng

RT: 12.55 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA_F

ClientSampleId :

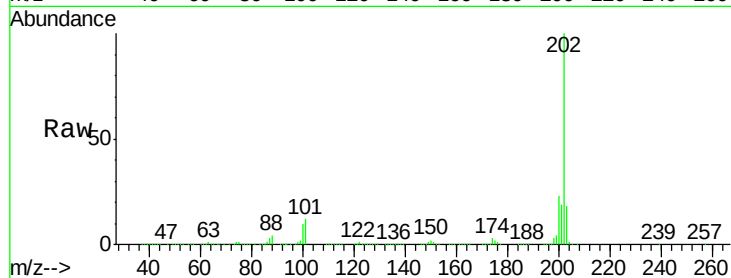
Tot Ion:202 Resp: 1671945

Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.6	26.4
203	17.7	14.6	21.8

202 100

200 22.5 17.6 26.4

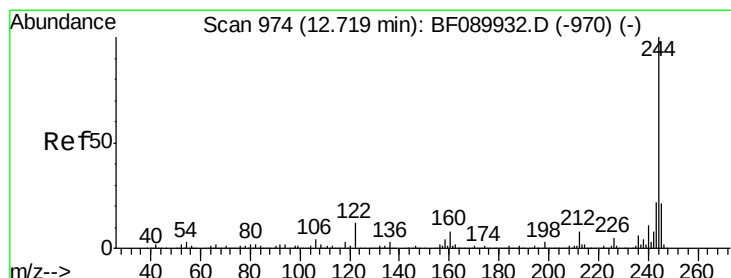
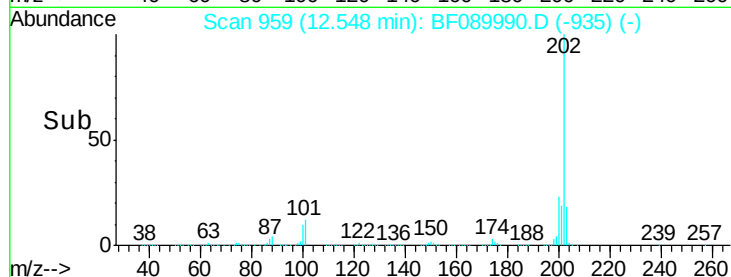
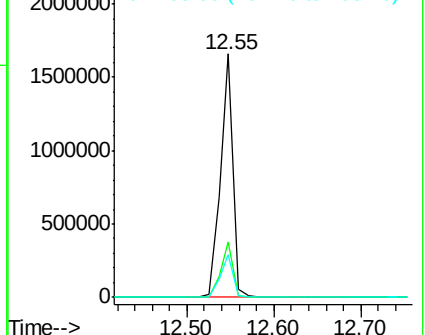
203 17.7 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 76.65 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

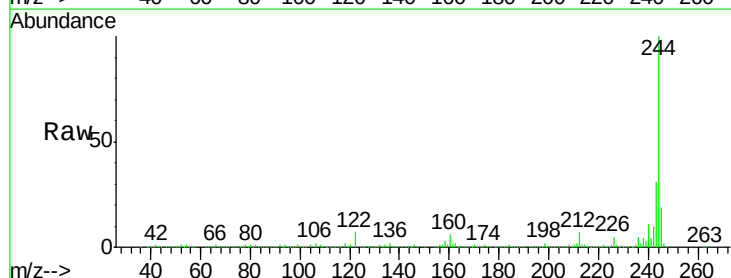
Tgt Ion:244 Resp: 1941228

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	7.4	9.6	14.4

244 100

212 7.1 6.1 9.1

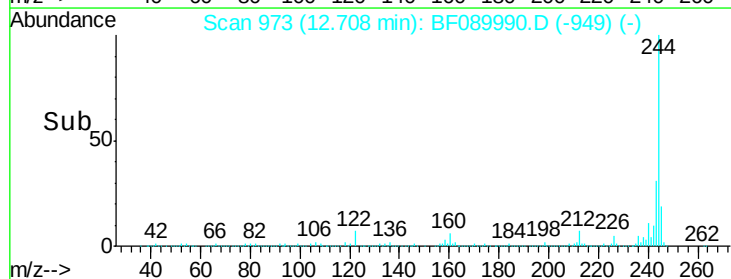
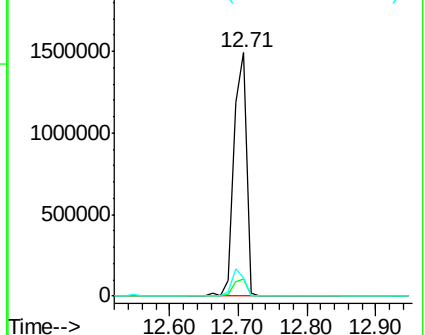
122 7.4 9.6 14.4

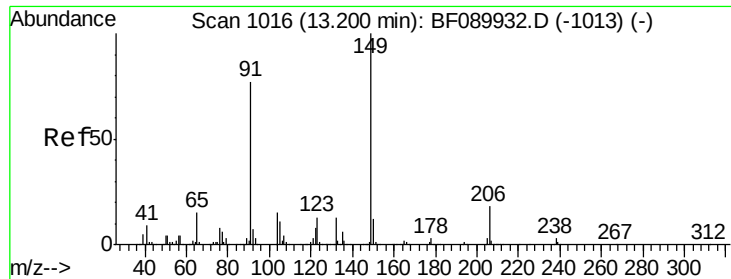


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.21 ng

RT: 13.19 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF089990.D

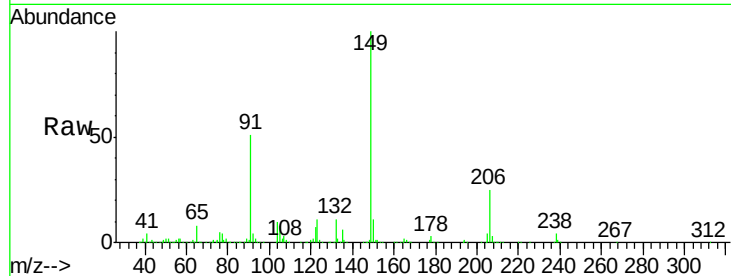
Acq: 6 Sep 2016 15:09

Instrument :

BNA_F

ClientSampleId :

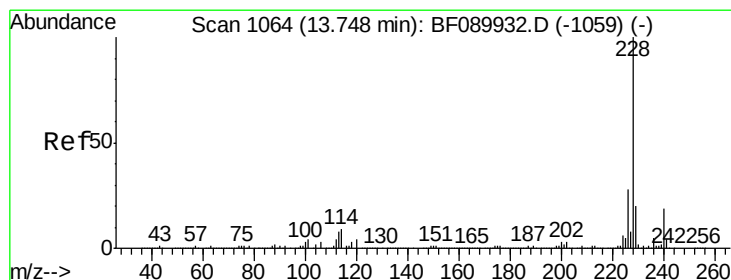
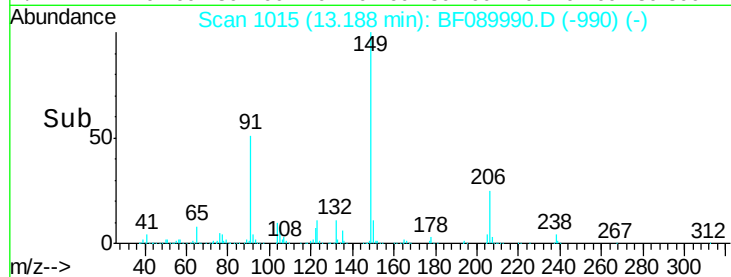
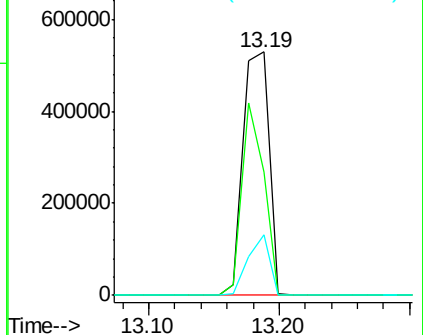
Tot Ion:	149	Resp:	733152
Ion Ratio	Lower	Upper	
149	100		
91	50.5	60.0	90.0#
206	25.1	15.1	22.7#



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: 37.89 ng

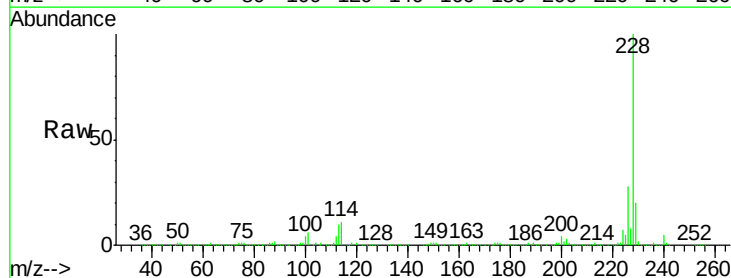
RT: 13.73 min Scan# 1062

Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

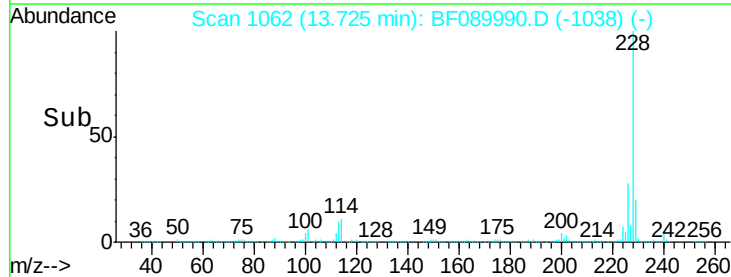
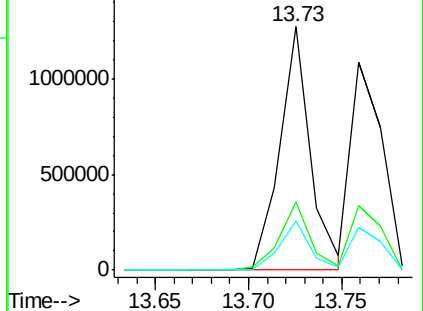
Tgt Ion:	228	Resp:	1452120
Ion Ratio	Lower	Upper	
228	100		
226	28.3	22.2	33.2
229	20.4	15.8	23.6

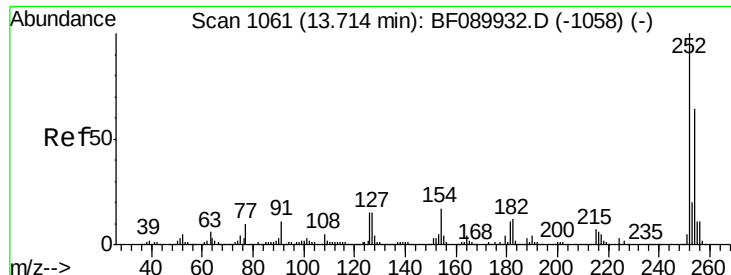


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

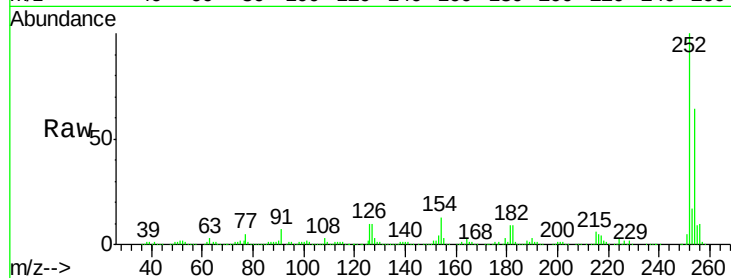




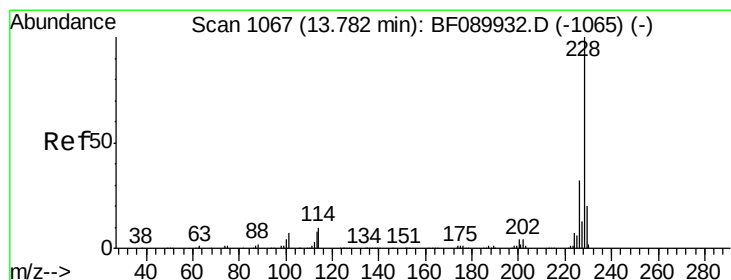
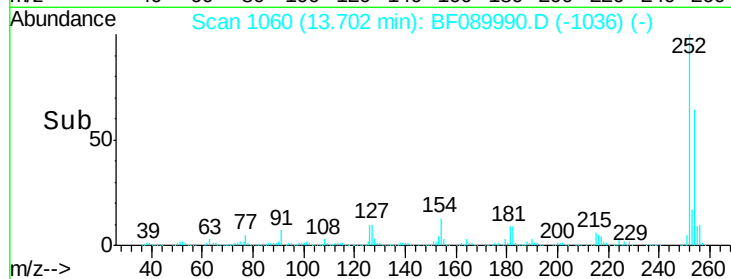
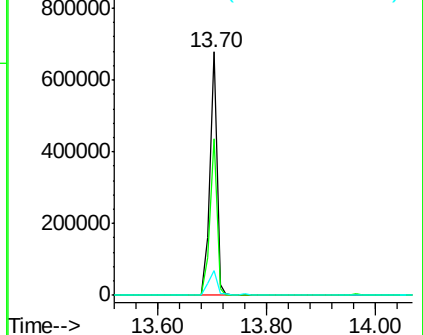
#81
 3,3'-Dichlorobenzidine
 Concen: 44.09 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. -0.02 min
 Lab File: BF089990.D
 Acq: 6 Sep 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 609812
 Ion Ratio Lower Upper
 252 100
 254 64.1 51.3 76.9
 126 10.0 12.3 18.5#

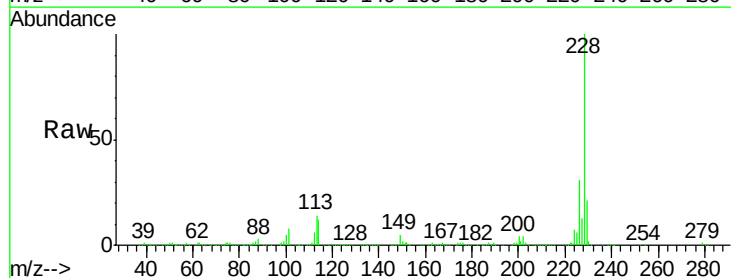


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

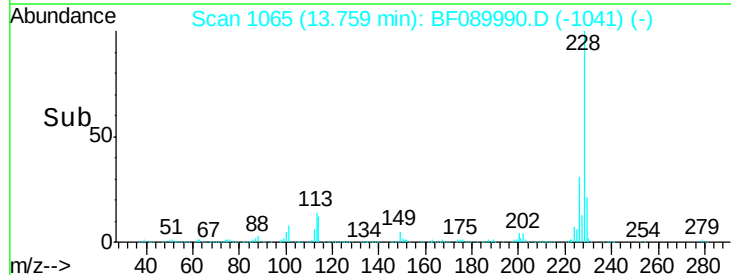
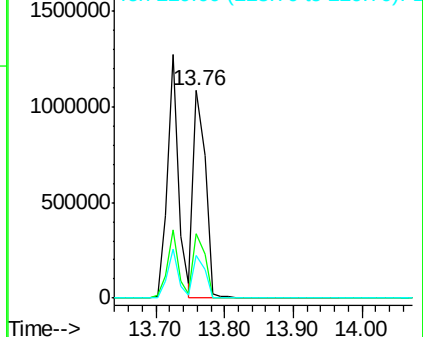


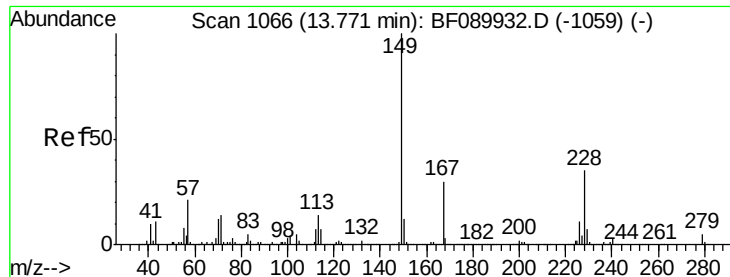
#82
 Chrysene
 Concen: 36.12 ng
 RT: 13.76 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BF089990.D
 Acq: 6 Sep 2016 15:09

Tgt Ion:228 Resp: 1293017
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.2 37.8
 229 20.8 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

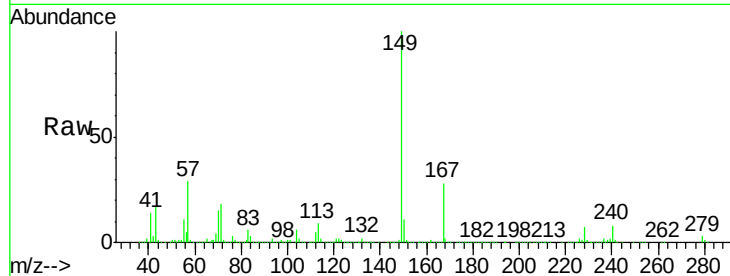




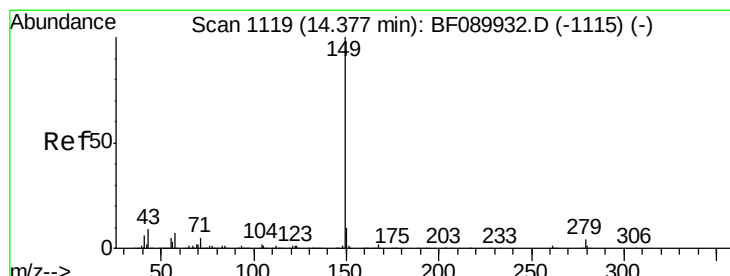
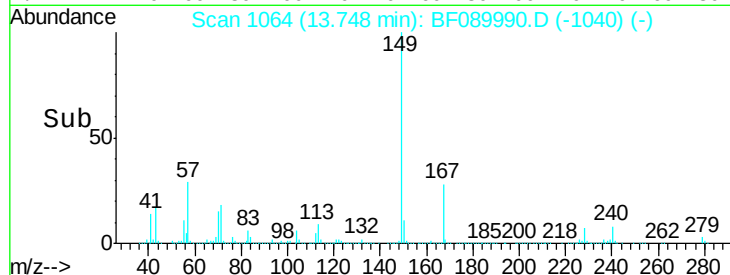
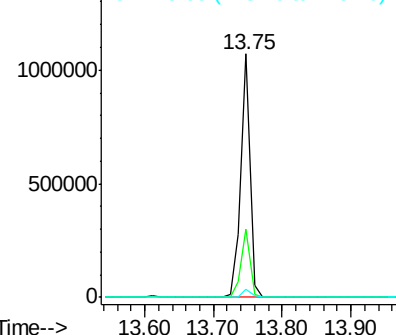
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.75 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.02 min
 Lab File: BF089990.D
 Acq: 6 Sep 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 978003
 Ion Ratio Lower Upper
 149 100
 167 27.9 23.6 35.4
 279 3.3 3.4 5.2#

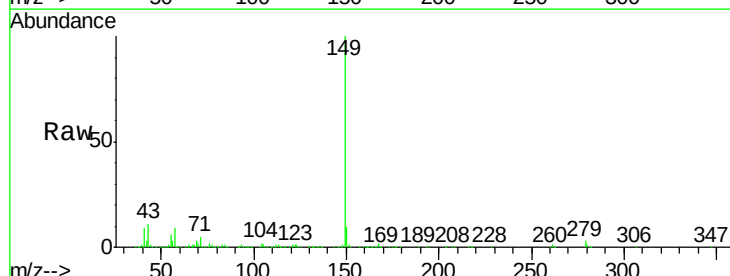


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

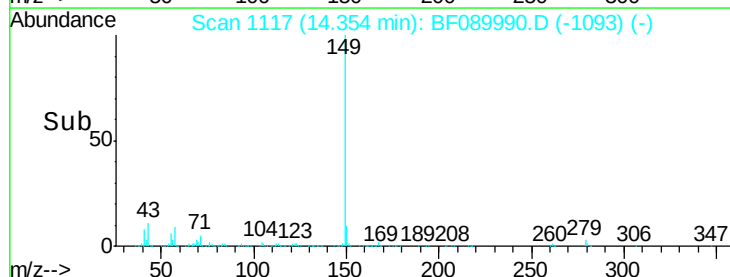
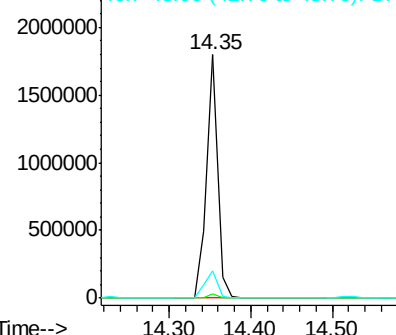


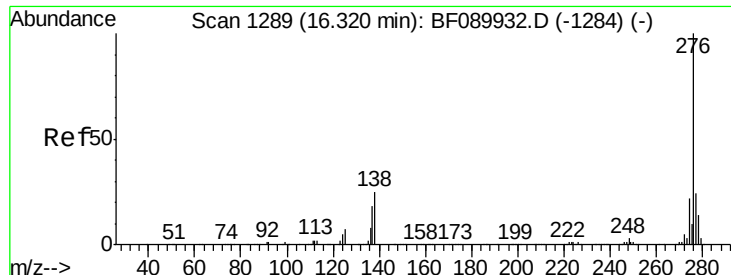
#84
 Di-n-octyl phthalate
 Concen: 42.97 ng
 RT: 14.35 min Scan# 1117
 Delta R.T. -0.02 min
 Lab File: BF089990.D
 Acq: 6 Sep 2016 15:09

Tgt Ion:149 Resp: 1706564
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 12.3 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

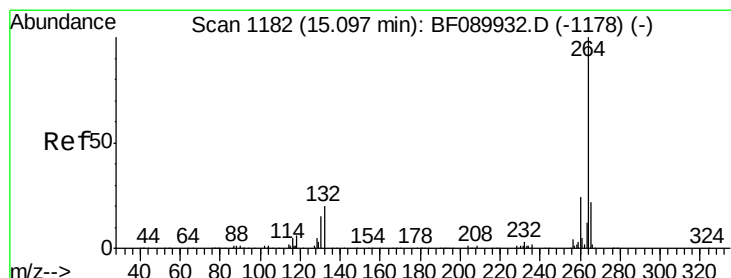
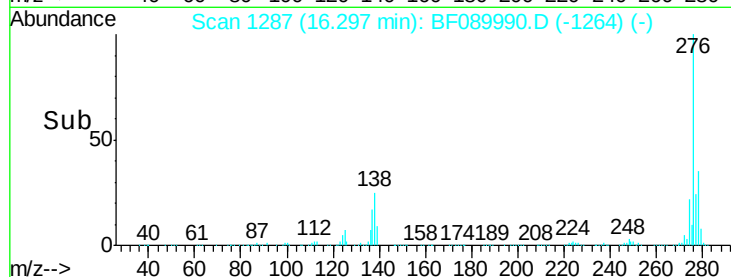
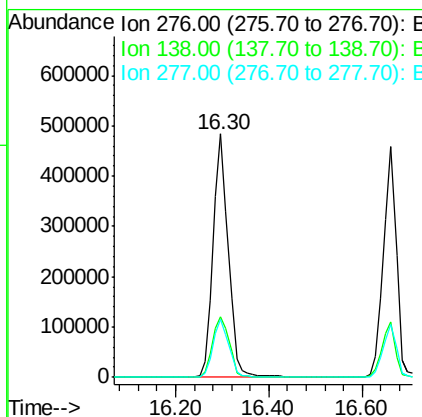
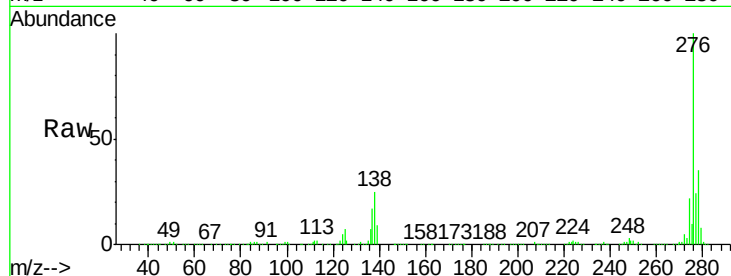




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.69 ng
 RT: 16.30 min Scan# 1287
 Delta R.T. -0.03 min
 Lab File: BF089990.D
 Acq: 6 Sep 2016 15:09

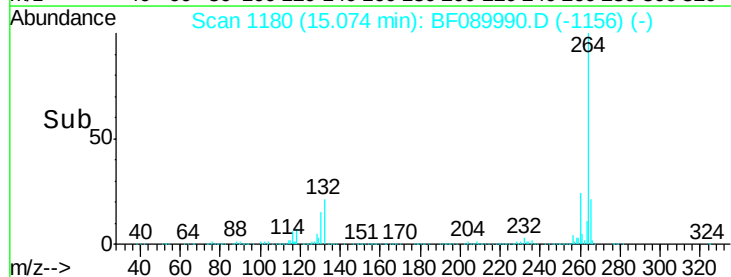
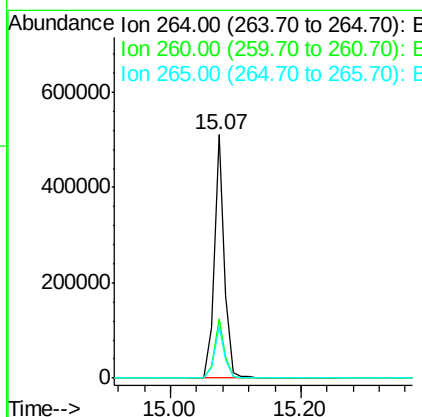
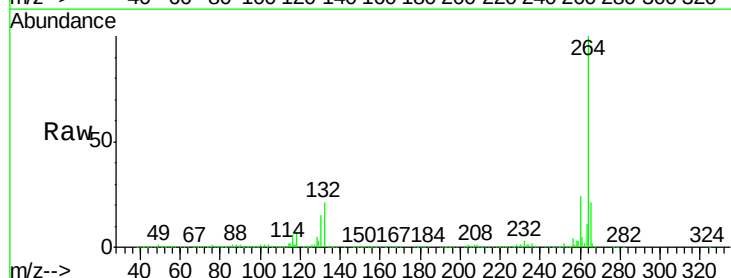
Instrument :
 BNA_F
 ClientSampleId :

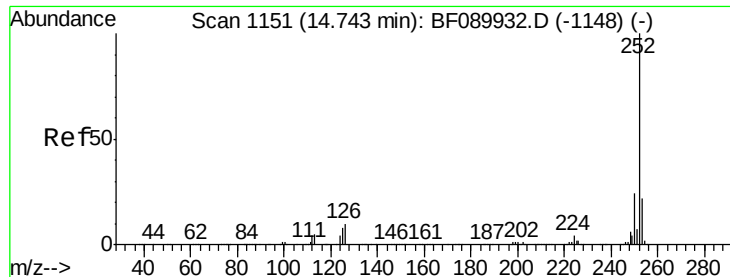
Tot Ion:276 Resp: 1103222
 Ion Ratio Lower Upper
 276 100
 138 27.9 22.6 34.0
 277 24.8 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF089990.D
 Acq: 6 Sep 2016 15:09

Tgt Ion:264 Resp: 561944
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.0
 265 21.4 17.4 26.2





#87

Benzo(b)fluoranthene

Concen: 71.09 ng

RT: 14.72 min Scan# 1149

Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA_F

ClientSampled :

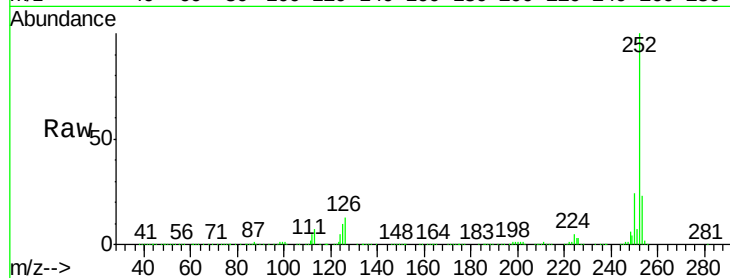
Tot Ion:252 Resp: 2502724

Ion Ratio Lower Upper

252 100

253 22.9 18.0 27.0

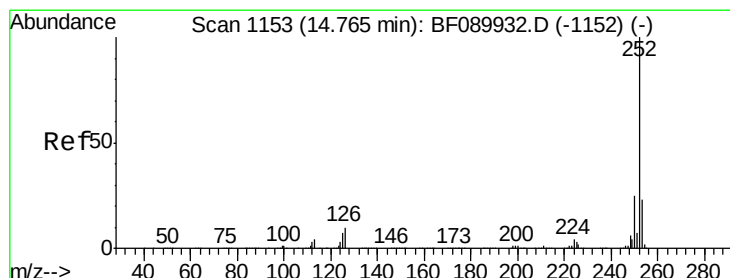
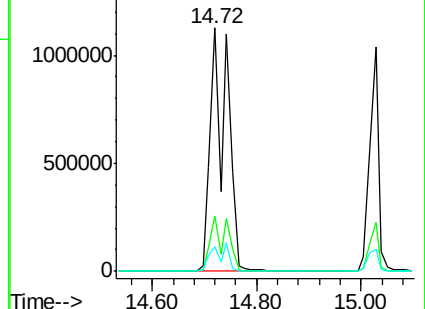
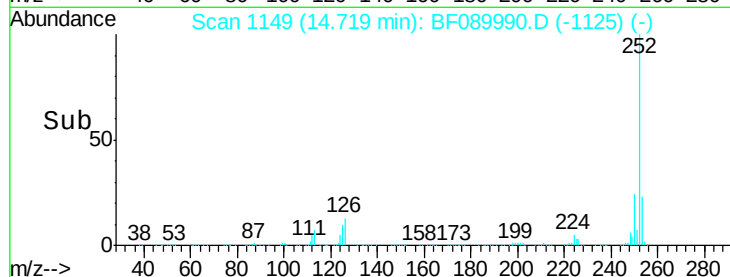
125 10.1 5.7 8.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 83.83 ng

RT: 14.72 min Scan# 1149

Delta R.T. -0.05 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

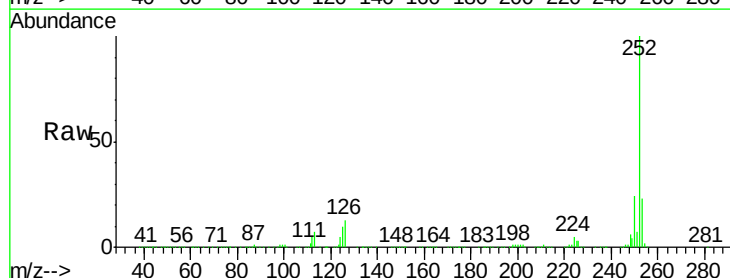
Tgt Ion:252 Resp: 2504312

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

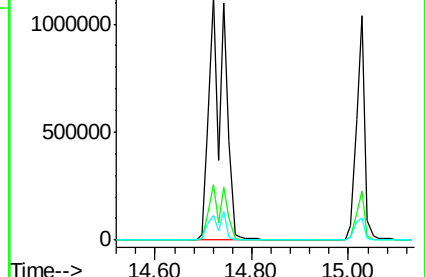
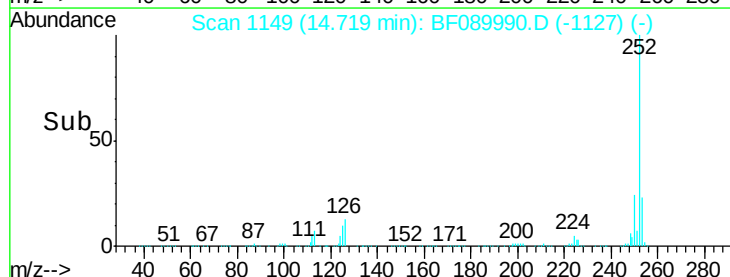
125 10.1 7.3 10.9

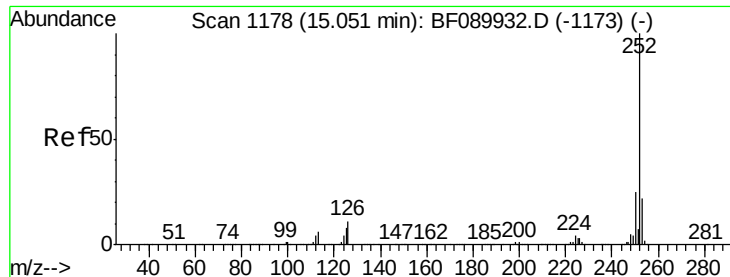


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

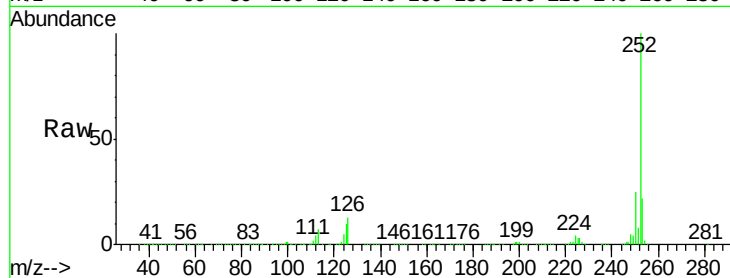




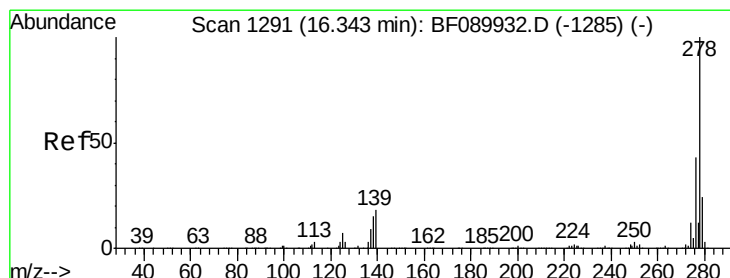
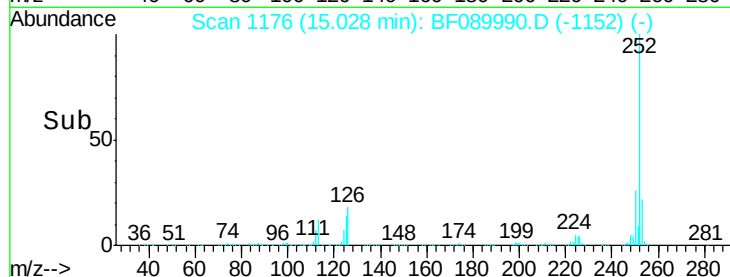
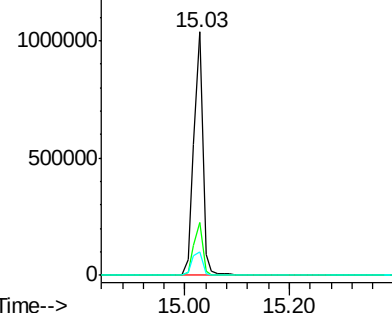
#89
Benzo(a)pyrene
Concen: 40.97 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.02 min
Lab File: BF089990.D
Acq: 6 Sep 2016 15:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1235625
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.7 6.3 9.5#

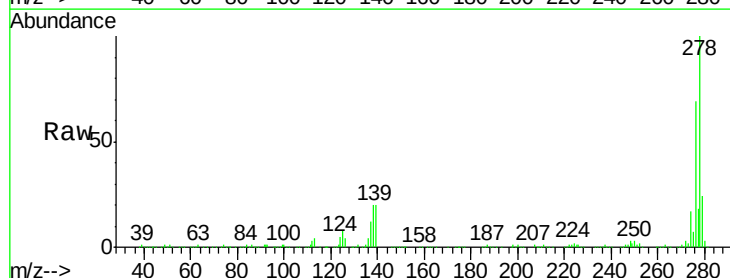


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

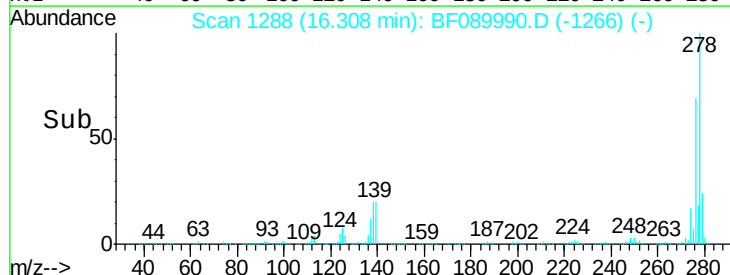
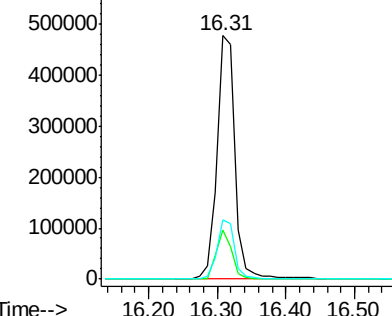


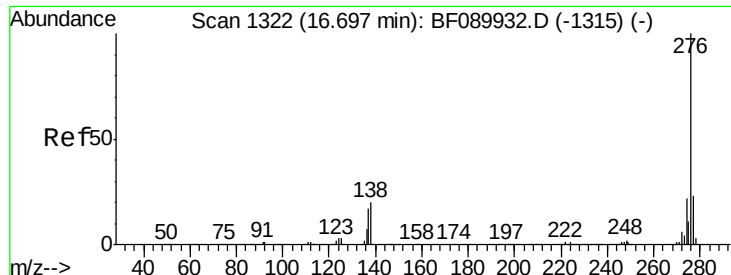
#90
Dibenzo(a,h)anthracene
Concen: 40.32 ng
RT: 16.31 min Scan# 1288
Delta R.T. -0.05 min
Lab File: BF089990.D
Acq: 6 Sep 2016 15:09

Tgt Ion:278 Resp: 891079
Ion Ratio Lower Upper
278 100
139 20.1 13.4 20.2
279 24.5 19.4 29.2



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





#91

Benzo(a,h,i)perylene

Concen: 39.82 ng

RT: 16.66 min Scan# 1319

Delta R.T. -0.05 min

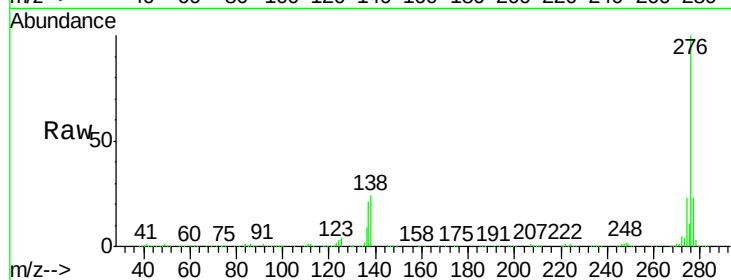
Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA_F

ClientSampleId :



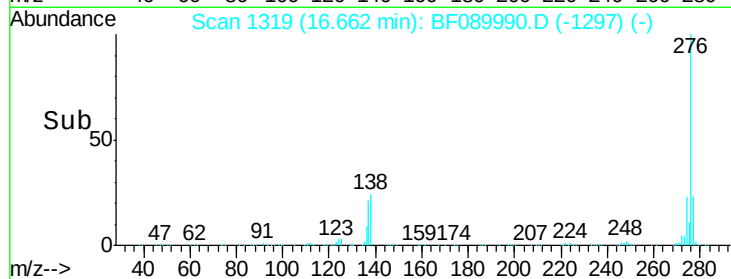
Tot Ion: 276 Resp: 885767

Ion Ratio Lower Upper

276 100

277 23.2 19.0 28.4

138 24.2 16.4 24.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

16.66

400000

300000

200000

100000

0

Time--> 16.40 16.60 16.80 17.00