

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080316\
 Data File : BF089575.D
 Acq On : 4 Aug 2016 2:43
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 04 07:59:48 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 04 07:58:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	45461	20.00	ng	0.00
21) Naphthalene-d8	9.50	136	194612	20.00	ng	0.00
38) Acenaphthene-d10	12.32	164	89421	20.00	ng	0.00
63) Phenanthrene-d10	14.72	188	163655	20.00	ng	0.00
75) Chrysene-d12	18.41	240	93894	20.00	ng	0.00
86) Perylene-d12	20.07	264	75171	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	216175	80.05	ng	0.00
7) Phenol-d6	7.00	99	291107	79.59	ng	0.00
23) Nitrobenzene-d5	8.38	82	279174	79.36	ng	0.00
41) 2,4,6-Tribromophenol	13.61	330	57631	81.14	ng	0.00
44) 2-Fluorobiphenyl	11.28	172	534848	77.68	ng	0.00
78) Terphenyl-d14	17.07	244	382061	81.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.77	88	61836	39.80	ng	97
3) Pyridine	2.34	79	120808	39.37	ng	98
4) n-Nitrosodimethylamine	2.32	42	47346	38.83	ng	94
6) Aniline	6.96	93	196100	40.29	ng	99
8) 2-Chlorophenol	7.14	128	129984	39.58	ng	99
9) Benzaldehyde	6.78	77	57510	44.14	ng	99
10) Phenol	7.02	94	156960	41.44	ng	94
11) bis(2-Chloroethyl)ether	7.11	93	126906	38.12	ng	99
12) 1,3-Dichlorobenzene	7.37	146	138900	38.56	ng	99
13) 1,4-Dichlorobenzene	7.50	146	137563	38.24	ng	99
14) 1,2-Dichlorobenzene	7.72	146	142022	38.05	ng	99
15) Benzyl Alcohol	7.75	79	94859	39.70	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.95	45	156115	38.02	ng	95
17) 2-Methylphenol	7.96	107	93910	39.08	ng	98
18) Hexachloroethane	8.25	117	57609	38.14	ng	100
19) n-Nitroso-di-n-propylamine	8.18	70	101271	39.36	ng	98
20) 3+4-Methylphenols	8.23	107	121827	38.73	ng	100
22) Acetophenone	8.15	105	170838	36.98	ng	99
24) Nitrobenzene	8.41	77	140763	39.44	ng	98
25) Isophorone	8.81	82	257868	38.61	ng	100
26) 2-Nitrophenol	8.91	139	59715	39.15	ng	100
27) 2,4-Dimethylphenol	9.05	122	111847	40.93	ng	97
28) bis(2-Chloroethoxy)methane	9.19	93	161313	40.32	ng	99
29) 2,4-Dichlorophenol	9.32	162	99794	38.82	ng	99
30) 1,2,4-Trichlorobenzene	9.43	180	115023	39.15	ng	99
31) Naphthalene	9.53	128	399198	38.58	ng	100
32) Benzoic acid	9.38	122	69814	38.46	ng	97
33) 4-Chloroaniline	9.67	127	154849	38.74	ng	99
34) Hexachlorobutadiene	9.75	225	64293	37.72	ng	99
35) Caprolactam	10.31	113	30533	40.38	ng	99
36) 4-Chloro-3-methylphenol	10.51	107	123659	41.04	ng	88
37) 2-Methylnaphthalene	10.65	142	242523	38.34	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.92	216	129896	38.55	ng	100
40) Hexachlorocyclopentadiene	10.91	237	44754	40.99	ng	99

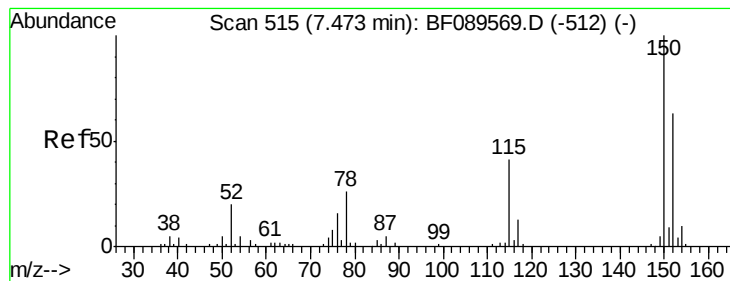
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080316\
 Data File : BF089575.D
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 Operator : UM/SJ
 Sample : SSTDC0040
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 04 07:58:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.14	196	67123	40.75	nq	99
43) 2,4,5-Trichlorophenol	11.22	196	70957	40.67	nq	99
45) 1,1'-Biphenyl	11.43	154	319611	39.58	nq	99
46) 2-Chloronaphthalene	11.44	162	238014	39.34	nq	100
47) 2-Nitroaniline	11.65	65	77152	40.20	nq	99
48) Acenaphthylene	12.09	152	382228	38.32	nq	100
49) Dimethylphthalate	11.98	163	264529	38.61	nq	100
50) 2,6-Dinitrotoluene	12.07	165	55505	40.49	nq	99
51) Acenaphthene	12.38	154	221613	38.32	nq	99
52) 3-Nitroaniline	12.33	138	63311	39.18	nq	99
53) 2,4-Dinitrophenol	12.54	184	17254	41.62	nq	97
54) Dibenzofuran	12.66	168	307135	39.03	nq	99
55) 4-Nitrophenol	12.66	139	118188	134.99	nq	# 15
56) 2,4-Dinitrotoluene	12.72	165	73979	40.16	nq	97
57) Fluorene	13.21	166	261299	39.03	nq	100
58) 2,3,4,6-Tetrachlorophenol	12.82	232	43805	35.22	nq	90
59) Diethylphthalate	13.12	149	264596	38.12	nq	99
60) 4-Chlorophenyl-phenylether	13.25	204	119229	39.63	nq	99
61) 4-Nitroaniline	13.33	138	58687	41.44	nq	98
62) Azobenzene	13.50	77	279989	39.33	nq	99
64) 4,6-Dinitro-2-methylphenol	13.38	198	36503	38.29	nq	98
65) n-Nitrosodiphenylamine	13.45	169	220406	39.52	nq	99
66) 4-Bromophenyl-phenylether	14.02	248	65225	40.80	nq	98
67) Hexachlorobenzene	14.09	284	67494	39.03	nq	97
68) Atrazine	14.37	200	58546	40.57	nq	98
69) Pentachlorophenol	14.45	266	29146	45.11	nq	98
70) Phenanthrene	14.75	178	341949	39.12	nq	100
71) Anthracene	14.83	178	361034	37.77	nq	100
72) Carbazole	15.12	167	306807	39.68	nq	99
73) Di-n-butylphthalate	15.71	149	384770	38.91	nq	99
74) Fluoranthene	16.51	202	342450	38.71	nq	99
76) Benzidine	16.75	184	113693	44.40	nq	98
77) Pyrene	16.81	202	333853	40.00	nq	99
79) Butylbenzylphthalate	17.74	149	125017	39.91	nq	96
80) Benzo(a)anthracene	18.40	228	212352	38.81	nq	100
81) 3,3'-Dichlorobenzidine	18.39	252	70787	41.28	nq	98
82) Chrysene	18.43	228	216776	38.43	nq	98
83) Bis(2-ethylhexyl)phthalate	18.49	149	171363	40.59	nq	99
84) Di-n-octyl phthalate	19.26	149	252081	39.39	nq	100
85) Indeno(1,2,3-cd)pyrene	21.26	276	195572	40.48	nq	100
87) Benzo(b)fluoranthene	19.66	252	185626	40.42	nq	99
88) Benzo(k)fluoranthene	19.66	252	185626	41.15	nq	# 97
89) Benzo(a)pyrene	20.01	252	164558	38.64	nq	98
90) Dibenzo(a,h)anthracene	21.27	278	170412	42.28	nq	98
91) Benzo(g,h,i)perylene	21.59	276	176471	41.78	nq	100

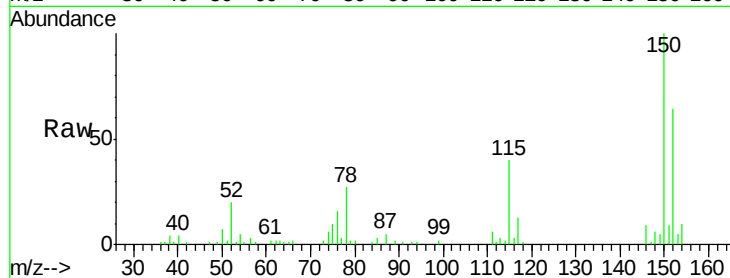
(#) = qualifier out of range (m) = manual integration (+) = signals summed



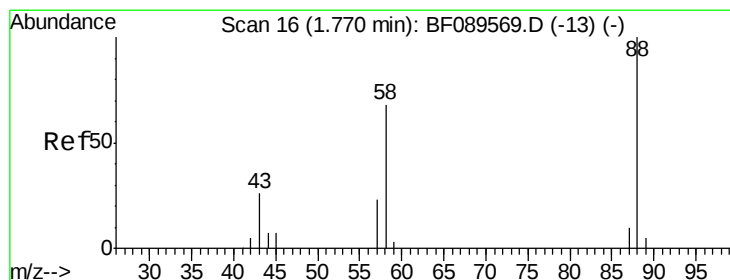
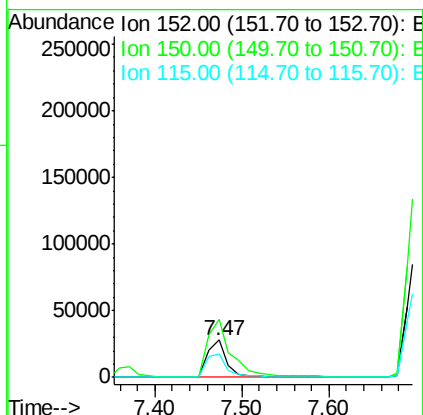
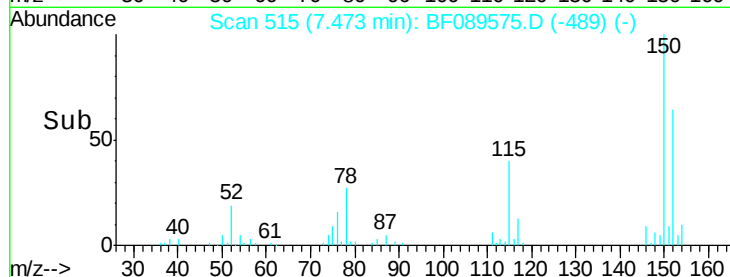
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.47 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: BF089575.D
 Acq: 4 Aug 2016 2:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 45461
 Ion Ratio Lower Upper
 152 100
 150 155.5 127.4 191.2
 115 62.0 51.8 77.8

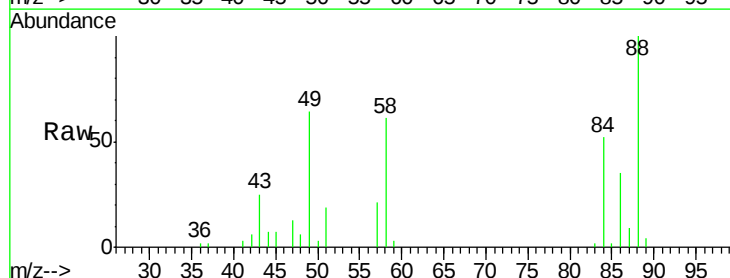


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

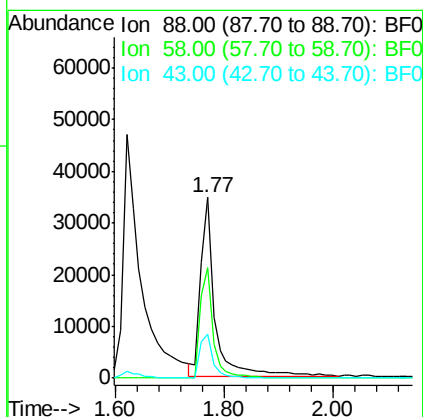
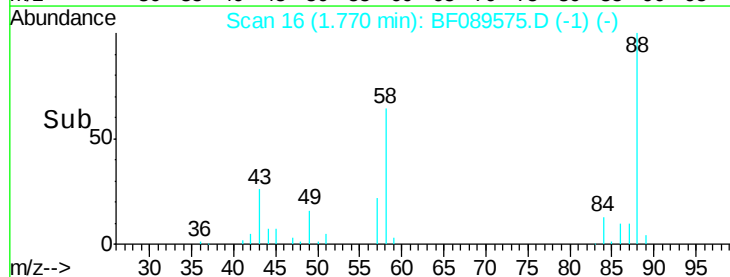


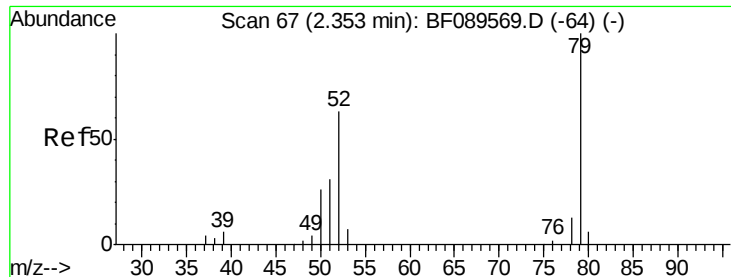
#2
 1,4-Dioxane
 Concen: 39.80 ng
 RT: 1.77 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: BF089575.D
 Acq: 4 Aug 2016 2:43

Tgt Ion: 88 Resp: 61836
 Ion Ratio Lower Upper
 88 100
 58 55.7 47.0 70.4
 43 23.0 18.9 28.3



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: 39.37 ng

RT: 2.34 min Scan# 66

Delta R.T. -0.01 min

Lab File: BF089575.D

Acq: 4 Aug 2016 2:43

Instrument :

BNA_F

ClientSampleId :

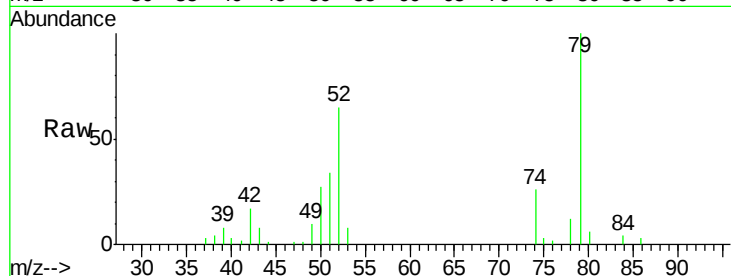
Tot Ion: 79 Resp: 120808

Ion Ratio Lower Upper

79 100

52 65.1 50.6 76.0

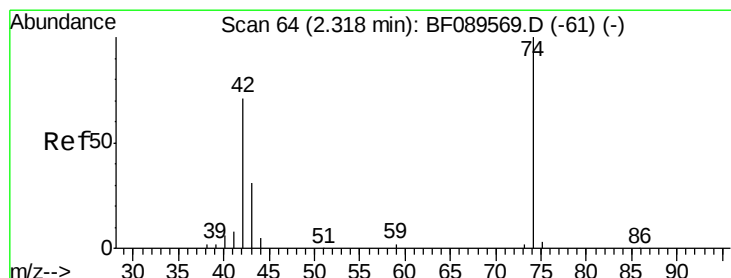
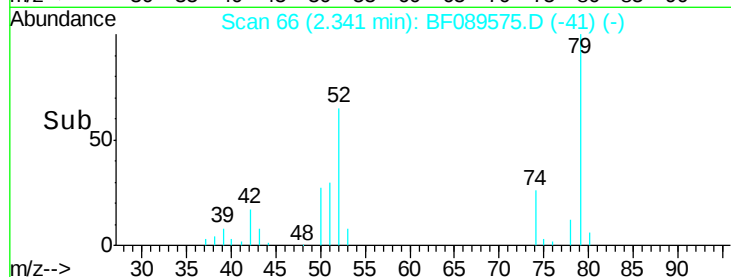
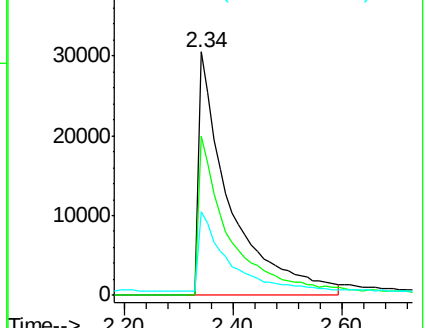
51 34.1 27.6 41.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.83 ng

RT: 2.32 min Scan# 64

Delta R.T. 0.00 min

Lab File: BF089575.D

Acq: 4 Aug 2016 2:43

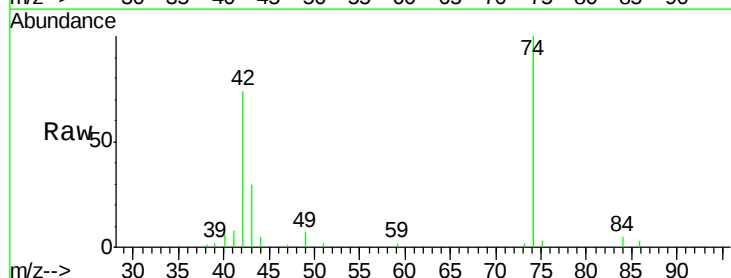
Tgt Ion: 42 Resp: 47346

Ion Ratio Lower Upper

42 100

74 134.4 113.5 170.3

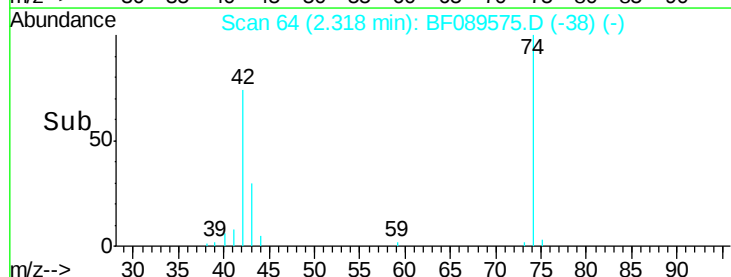
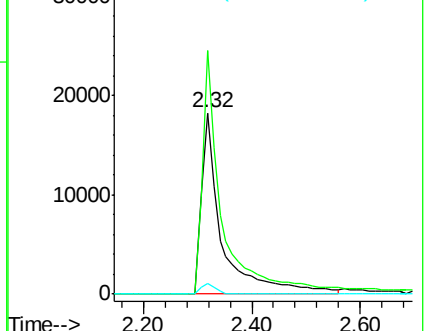
44 6.2 5.5 8.3

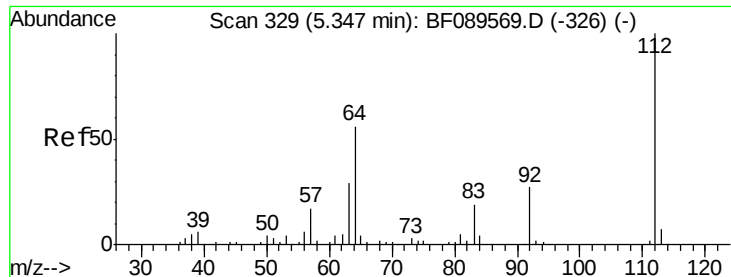


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

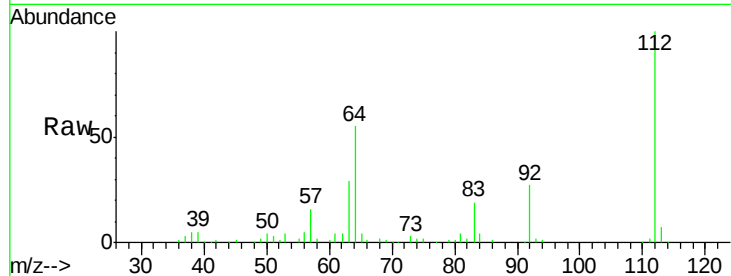




#5
 2-Fluorophenol
 Concen: 80.05 ng
 RT: 5.35 min Scan# 329
 Delta R.T. 0.00 min
 Lab File: BF089575.D
 Acq: 4 Aug 2016 2:43

Instrument :
 BNA_F
 ClientSampled :

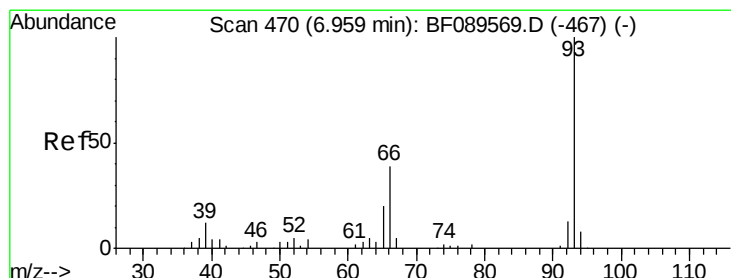
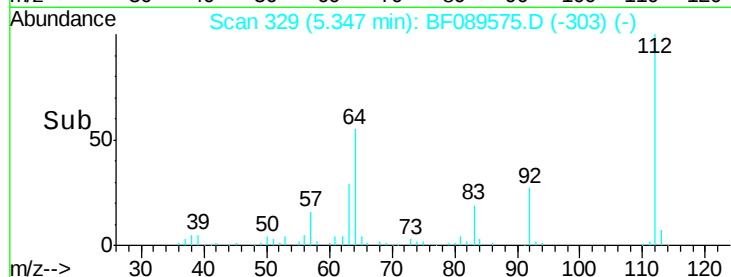
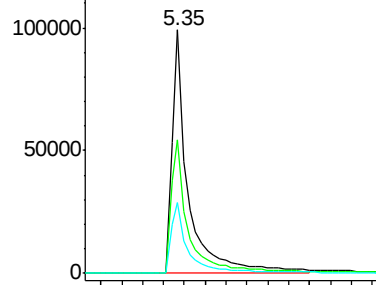
Tot Ion	Ratio	Lower	Upper
112	100		
64	55.0	45.2	67.8
63	29.3	23.1	34.7



Abundance Ion 112.00 (111.70 to 112.70): E

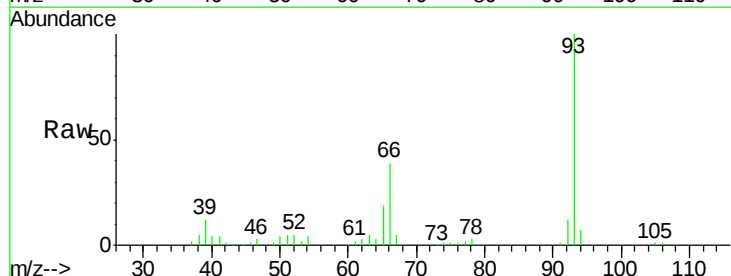
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6
 Aniline
 Concen: 40.29 ng
 RT: 6.96 min Scan# 470
 Delta R.T. 0.00 min
 Lab File: BF089575.D
 Acq: 4 Aug 2016 2:43

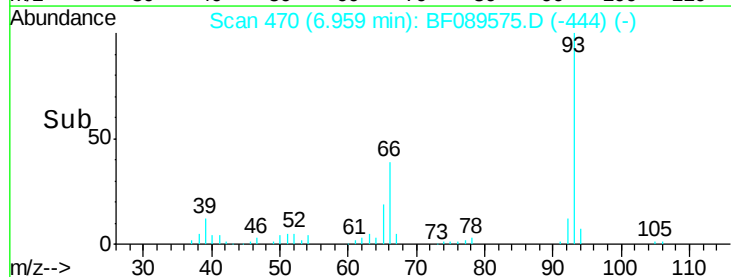
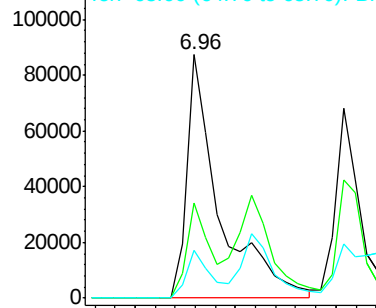
Tgt Ion	Ratio	Lower	Upper
93	100		
66	39.3	31.1	46.7
65	19.5	15.7	23.5

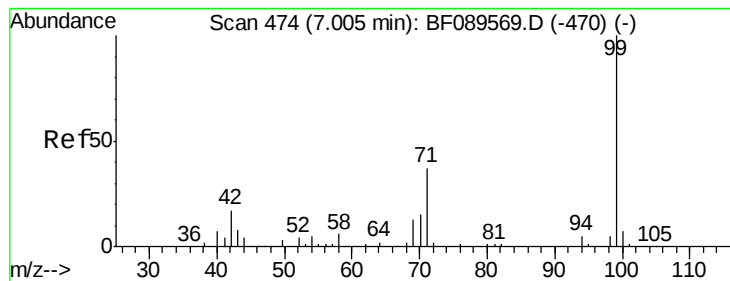


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 79.59 ng

RT: 7.00 min Scan# 474

Delta R.T. 0.00 min

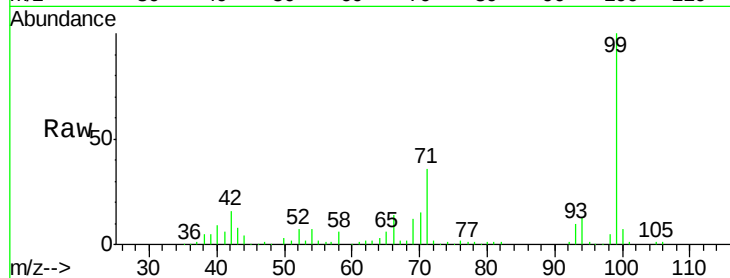
Lab File: BF089575.D

Acq: 4 Aug 2016 2:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 99 Resp: 291107

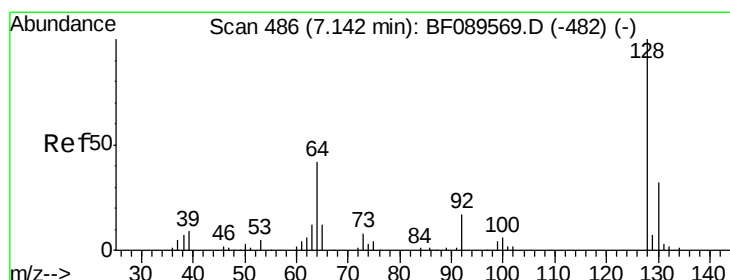
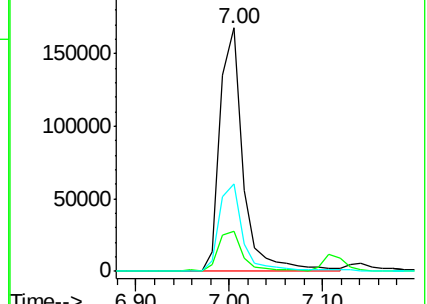
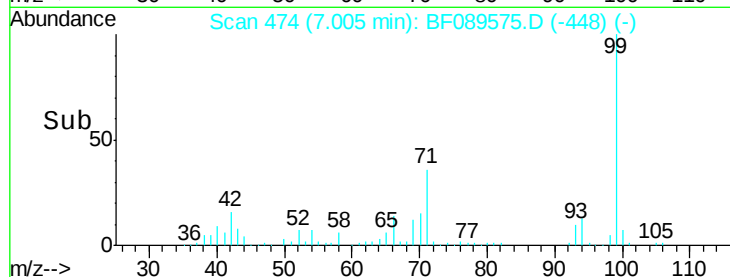
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.9	20.9
71	36.1	29.3	43.9



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: 39.58 ng

RT: 7.14 min Scan# 486

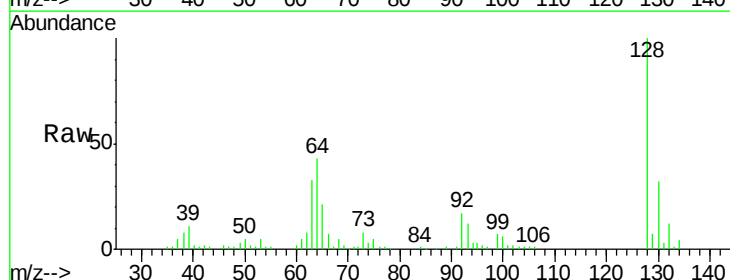
Delta R.T. 0.00 min

Lab File: BF089575.D

Acq: 4 Aug 2016 2:43

Tgt Ion: 128 Resp: 129984

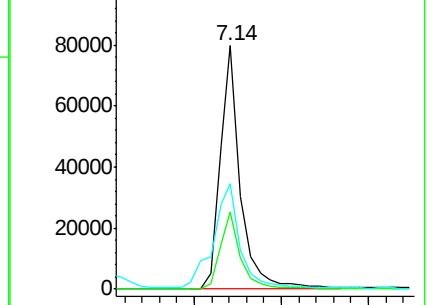
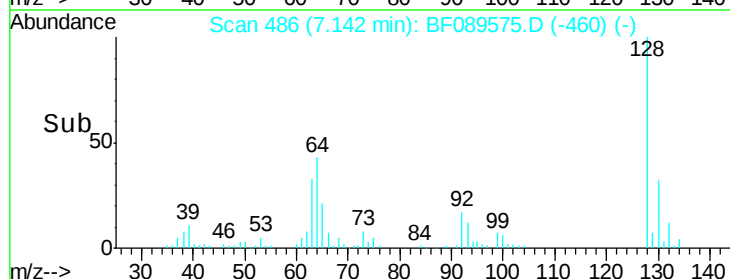
Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.4	52.4
64	43.5	24.0	64.0

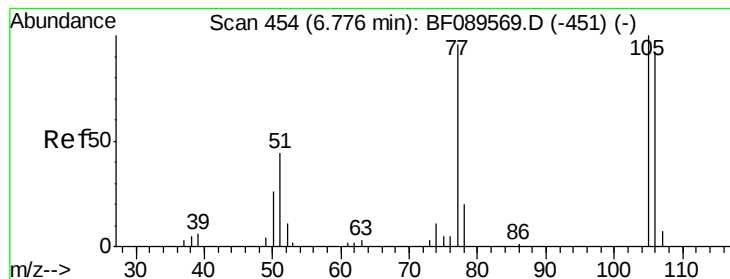


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 44.14 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF089575.D

Acq: 4 Aug 2016 2:43

Instrument :
BNA_F
ClientSampled :

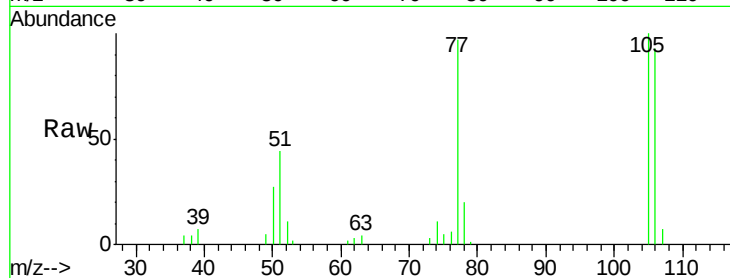
Tot Ion: 77 Resp: 57510

Ion Ratio Lower Upper

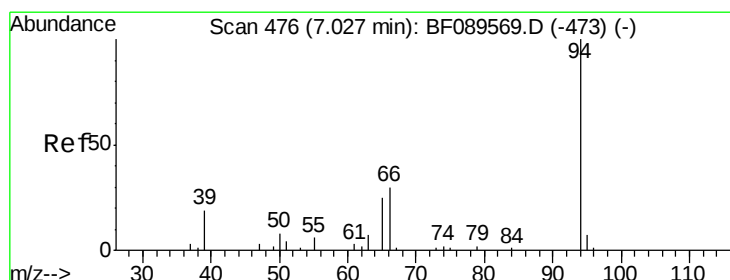
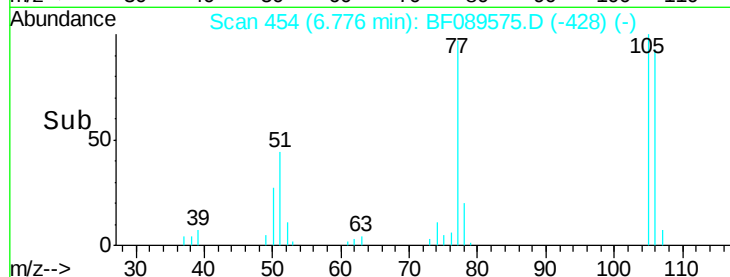
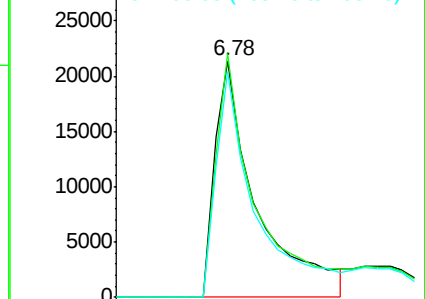
77 100

105 103.1 84.0 124.0

106 95.8 75.3 115.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.44 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF089575.D

Acq: 4 Aug 2016 2:43

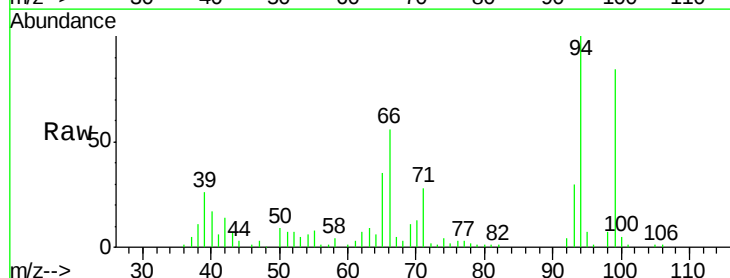
Tgt Ion: 94 Resp: 156960

Ion Ratio Lower Upper

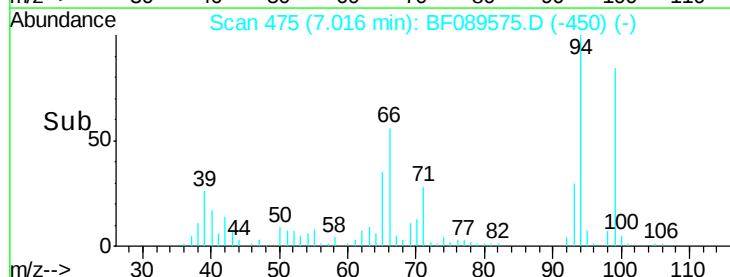
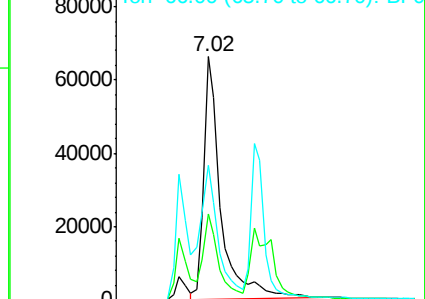
94 100

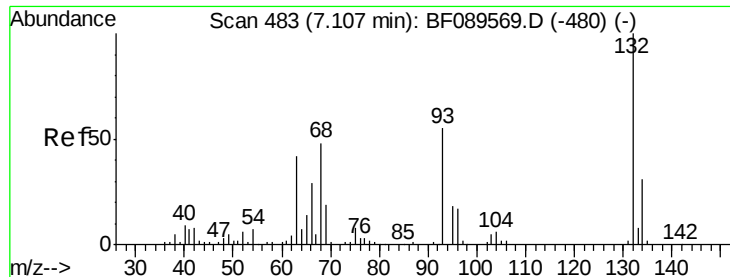
65 35.2 11.9 51.9

66 55.5 30.9 70.9



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

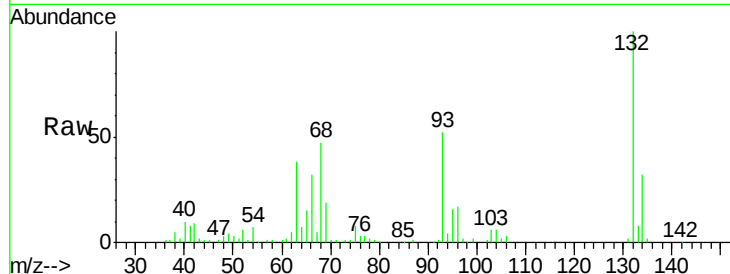




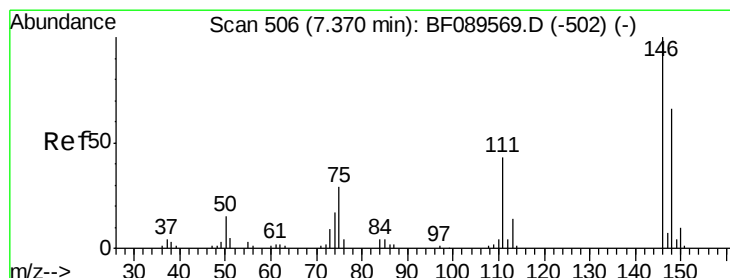
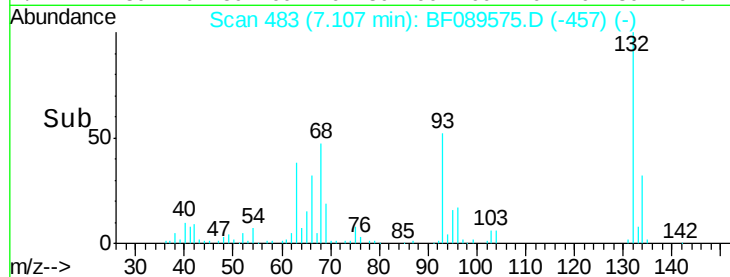
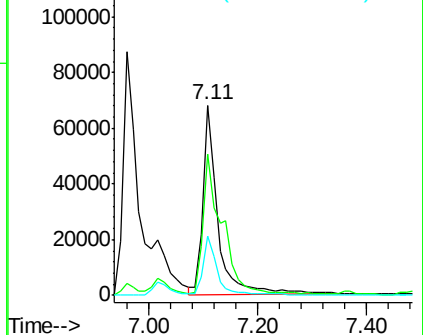
#11
 bis(2-Chloroethyl)ether
 Concen: 38.12 ng
 RT: 7.11 min Scan# 483
 Delta R.T. 0.00 min
 Lab File: BF089575.D
 Acq: 4 Aug 2016 2:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 93 Resp: 126906
 Ion Ratio Lower Upper
 93 100
 63 74.0 54.0 94.0
 95 31.4 12.3 52.3

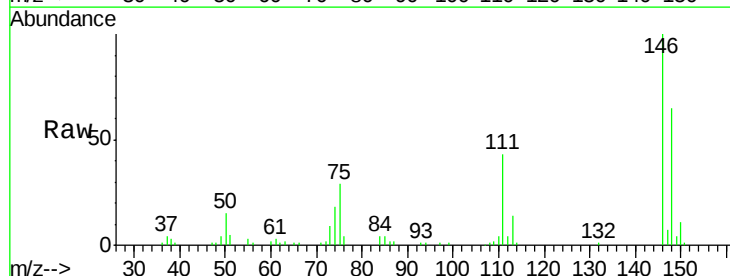


Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0

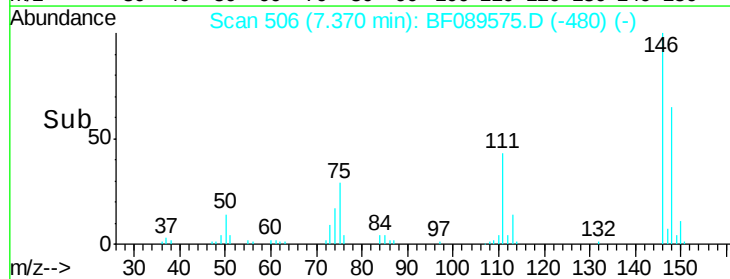
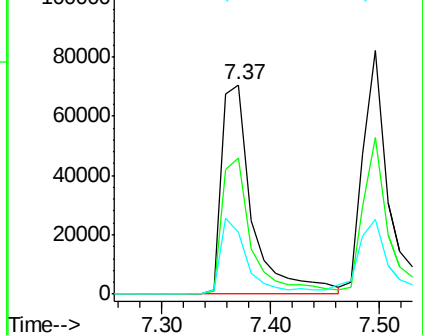


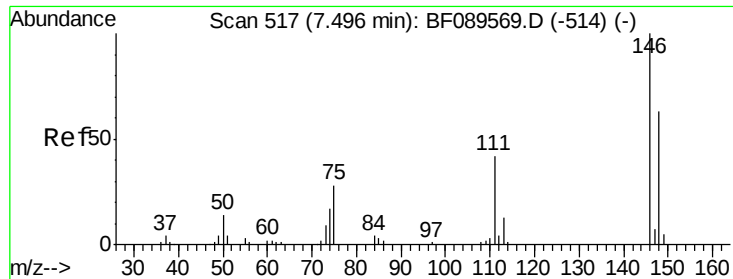
#12
 1,3-Dichlorobenzene
 Concen: 38.56 ng
 RT: 7.37 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: BF089575.D
 Acq: 4 Aug 2016 2:43

Tgt Ion: 146 Resp: 138900
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.7 79.1
 75 29.4 23.3 34.9



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

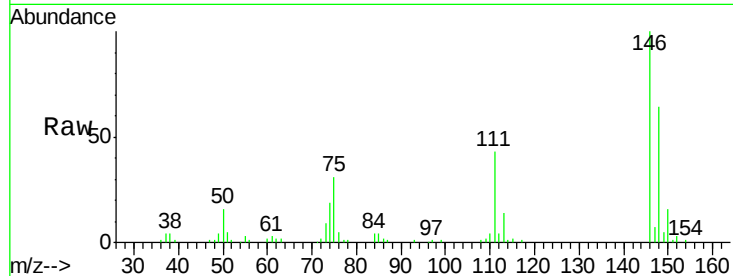




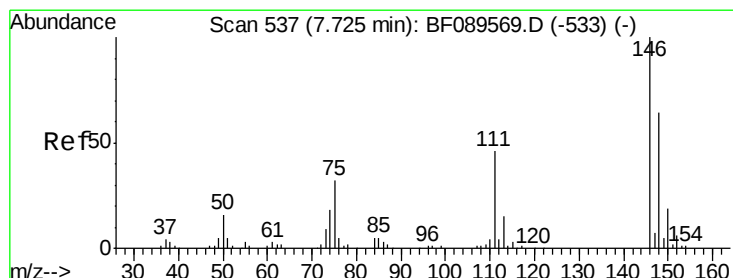
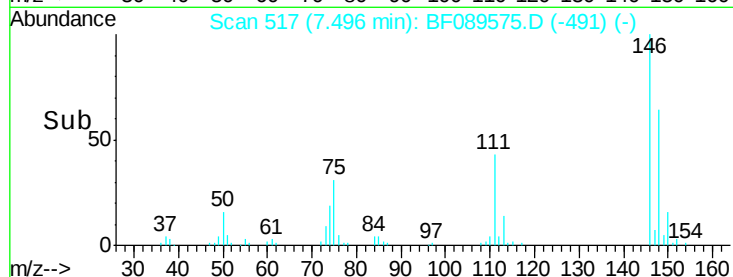
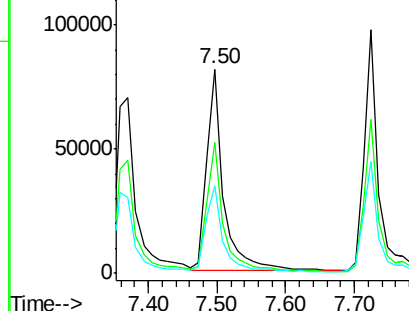
#13
 1,4-Dichlorobenzene
 Concen: 38.24 ng
 RT: 7.50 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: BF089575.D
 Acq: 4 Aug 2016 2:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 137563
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.6 76.0
 111 42.6 33.7 50.5

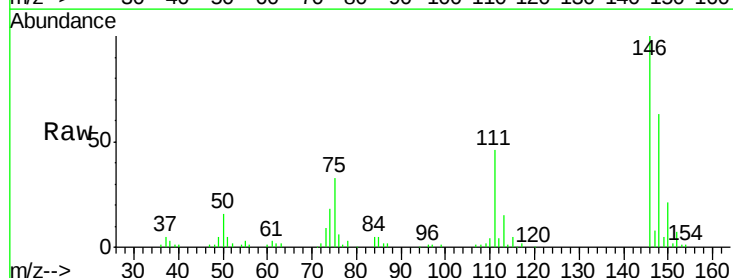


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

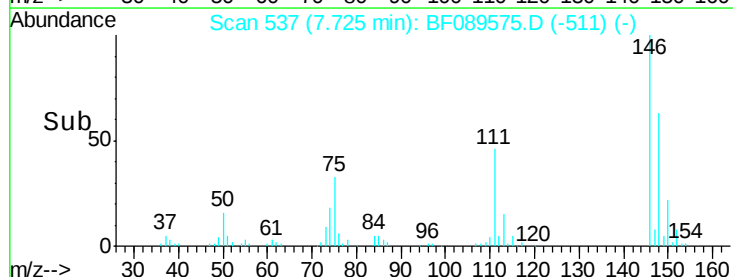
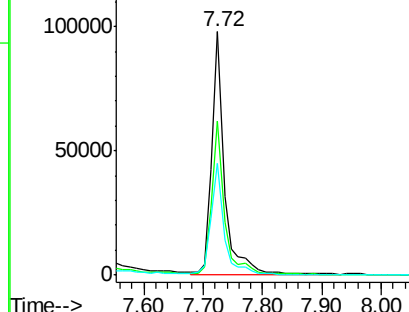


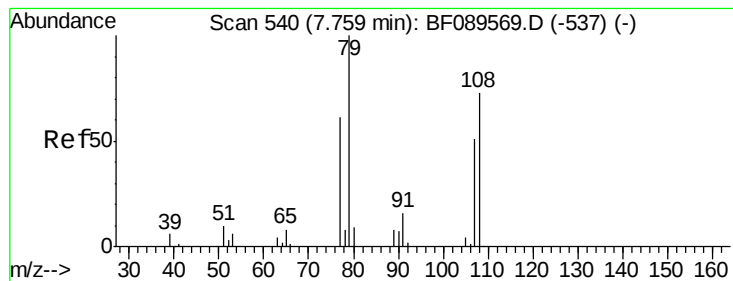
#14
 1,2-Dichlorobenzene
 Concen: 38.05 ng
 RT: 7.72 min Scan# 537
 Delta R.T. 0.00 min
 Lab File: BF089575.D
 Acq: 4 Aug 2016 2:43

Tgt Ion:146 Resp: 142022
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.4 77.0
 111 46.1 36.6 55.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.70 ng

RT: 7.75 min Scan# 539

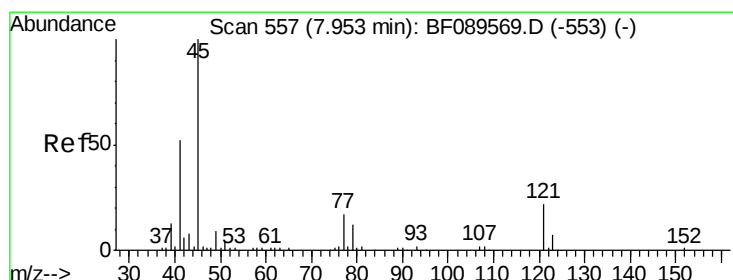
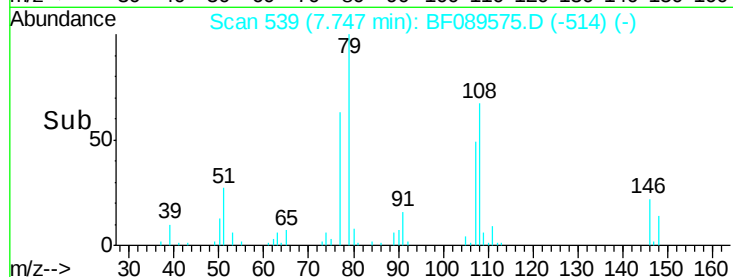
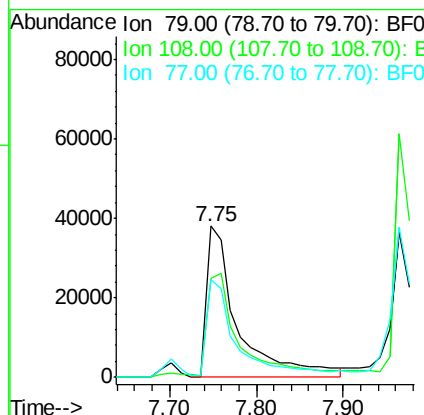
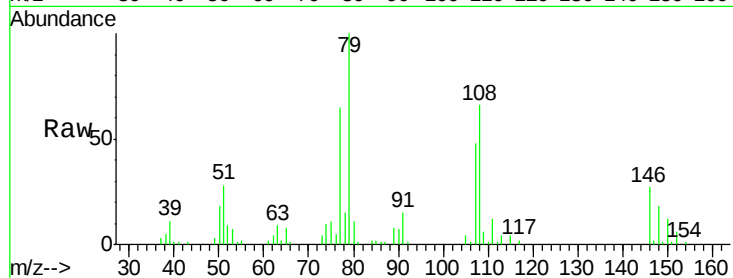
Delta R.T. -0.01 min

Lab File: BF089575.D

Acq: 4 Aug 2016 2:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:	79	Resp:	94859
Ion	Ratio	Lower	Upper
79	100		
108	65.7	60.6	90.8
77	64.7	50.0	75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.02 ng

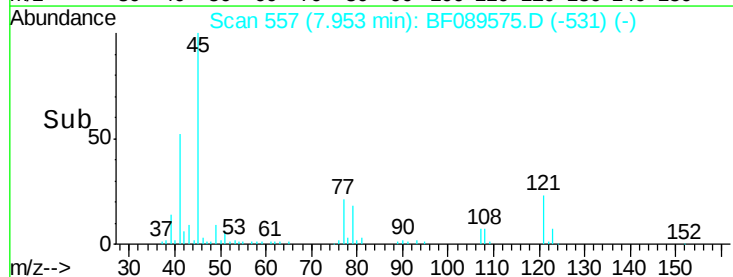
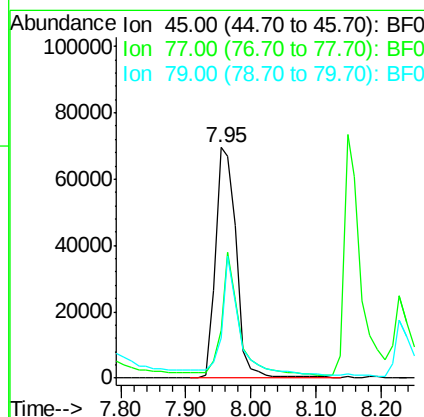
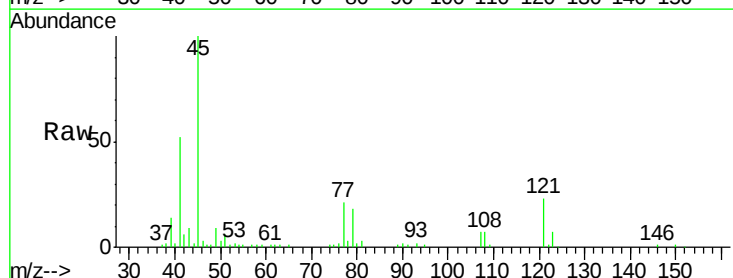
RT: 7.95 min Scan# 557

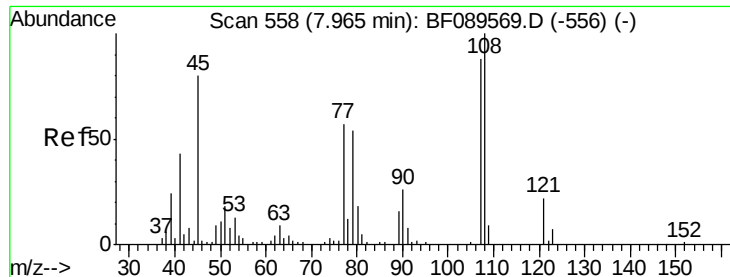
Delta R.T. 0.00 min

Lab File: BF089575.D

Acq: 4 Aug 2016 2:43

Tgt Ion:	45	Resp:	156115
Ion	Ratio	Lower	Upper
45	100		
77	21.0	0.0	38.9
79	17.6	0.0	35.2

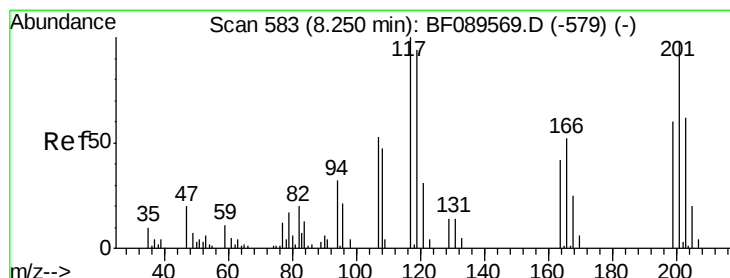
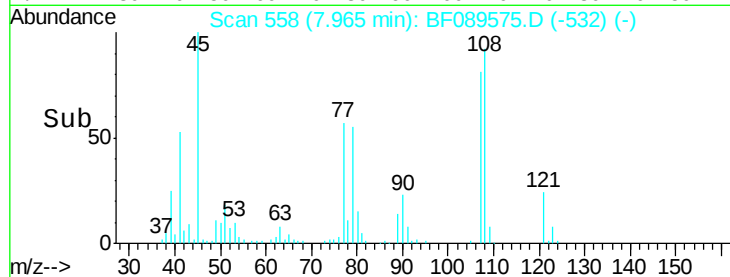
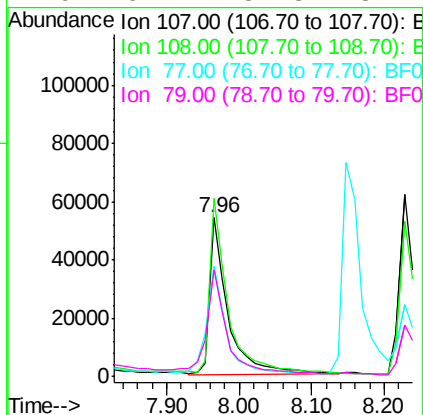
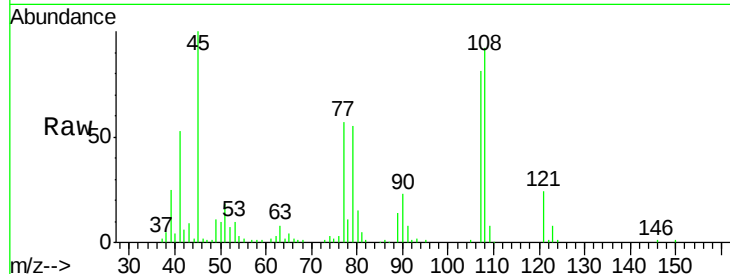




#17
2-Methylphenol
Concen: 39.08 ng
RT: 7.96 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF089575.D
Acq: 4 Aug 2016 2:43

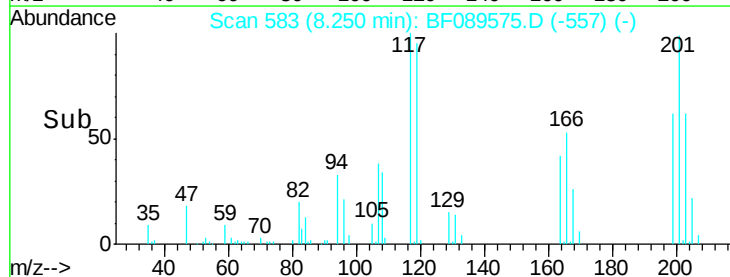
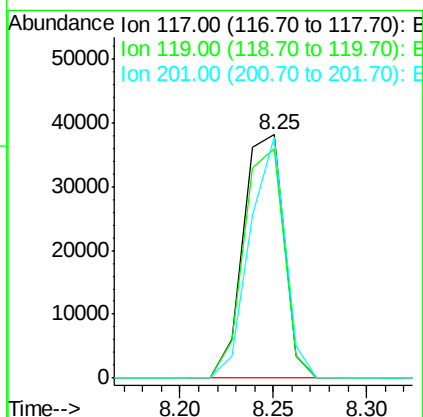
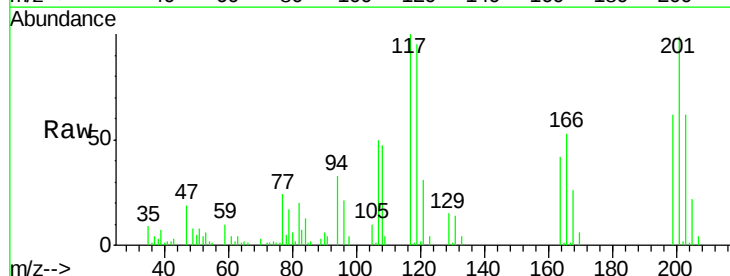
Instrument :
BNA_F
ClientSampleId :

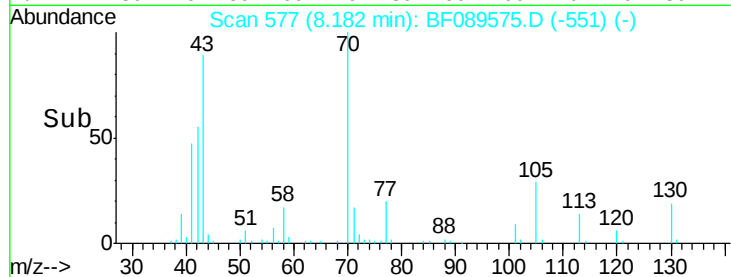
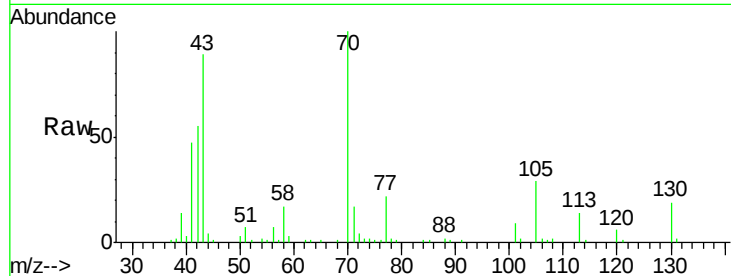
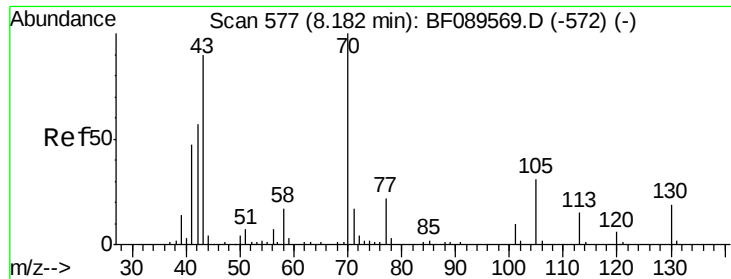
Tot Ion:107 Resp: 93910
Ion Ratio Lower Upper
107 100
108 112.7 91.3 136.9
77 69.7 58.1 87.1
79 67.4 54.8 82.2



#18
Hexachloroethane
Concen: 38.14 ng
RT: 8.25 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF089575.D
Acq: 4 Aug 2016 2:43

Tgt Ion:117 Resp: 57609
Ion Ratio Lower Upper
117 100
119 94.5 75.5 113.3
201 99.0 78.8 118.2

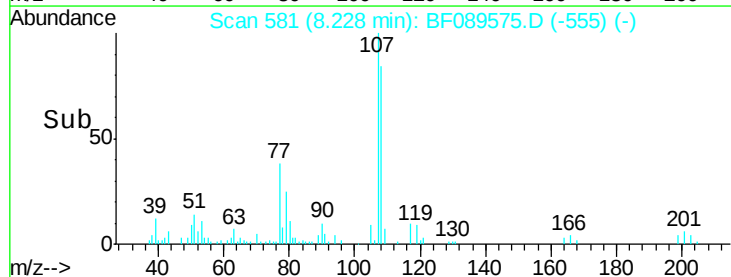
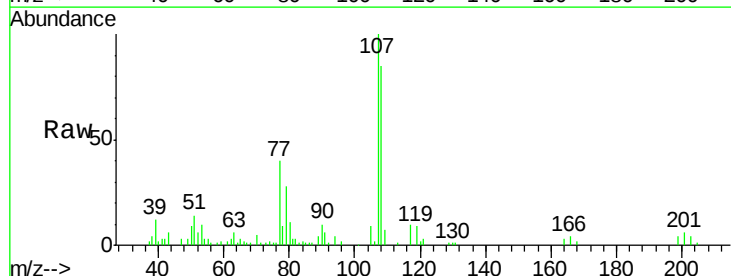
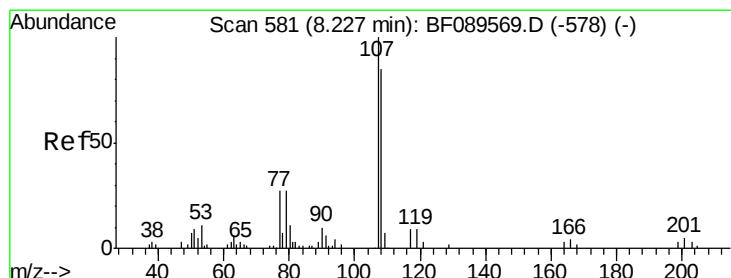
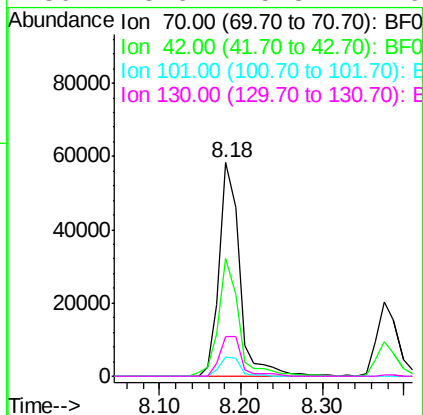




#19
n-Nitroso-di-n-propylamine
Concen: 39.36 ng
RT: 8.18 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF089575.D
Acq: 4 Aug 2016 2:43

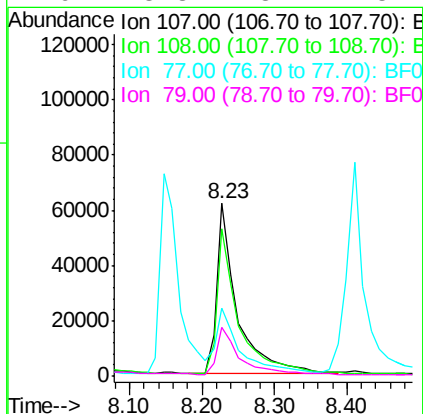
Instrument :
BNA_F
ClientSampleId :

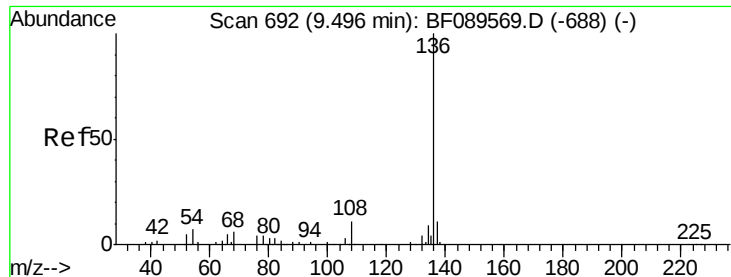
Tot Ion:	70	Resp:	101271
Ion	Ratio	Lower	Upper
70	100		
42	54.9	45.5	68.3
101	9.2	7.7	11.5
130	18.6	15.3	22.9



#20
3+4-Methylphenols
Concen: 38.73 ng
RT: 8.23 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF089575.D
Acq: 4 Aug 2016 2:43

Tgt Ion:	107	Resp:	121827
Ion	Ratio	Lower	Upper
107	100		
108	85.4	65.6	105.6
77	39.6	20.1	60.1
79	28.3	8.2	48.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.50 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF089575.D

Acq: 4 Aug 2016 2:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 194612

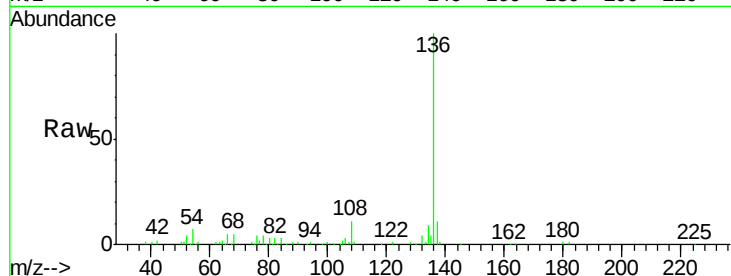
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 7.3 5.9 8.9

68 5.3 4.5 6.7

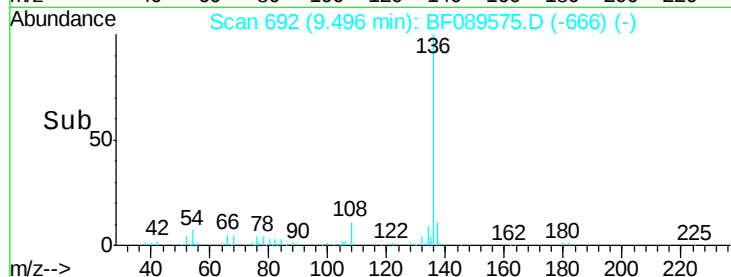


Abundance Ion 136.00 (135.70 to 136.70): E

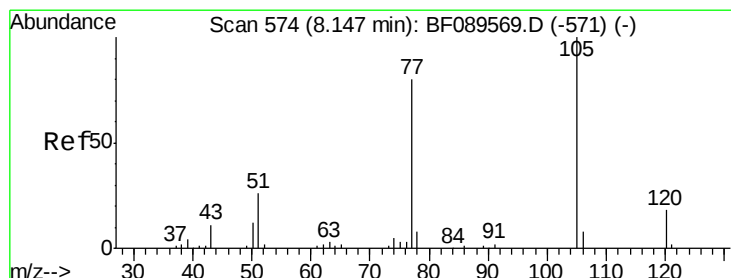
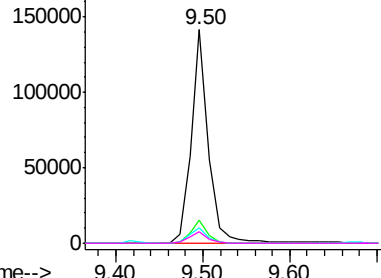
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 36.98 ng

RT: 8.15 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF089575.D

Acq: 4 Aug 2016 2:43

Tgt Ion:105 Resp: 170838

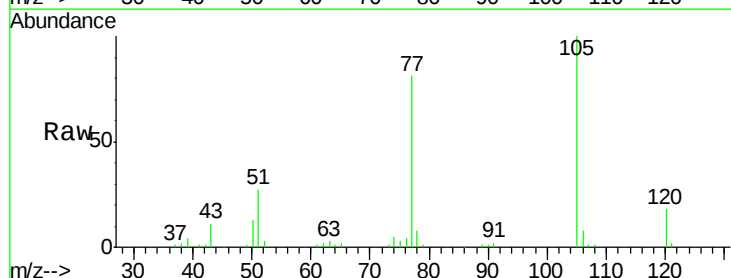
Ion Ratio Lower Upper

105 100

71 0.0 0.0 0.0

51 26.9 21.1 31.7

120 18.3 14.7 22.1

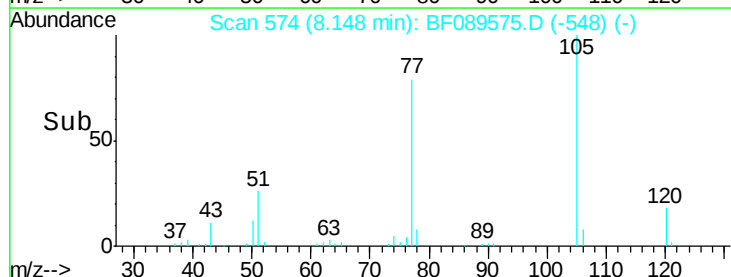


Abundance Ion 105.00 (104.70 to 105.70): E

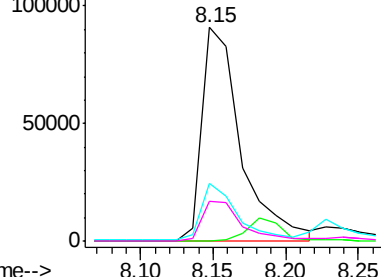
Ion 71.00 (70.70 to 71.70): BF0

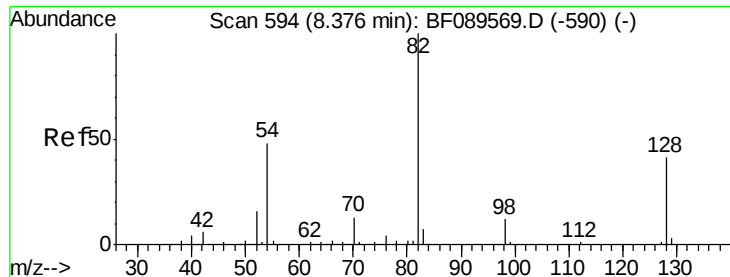
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

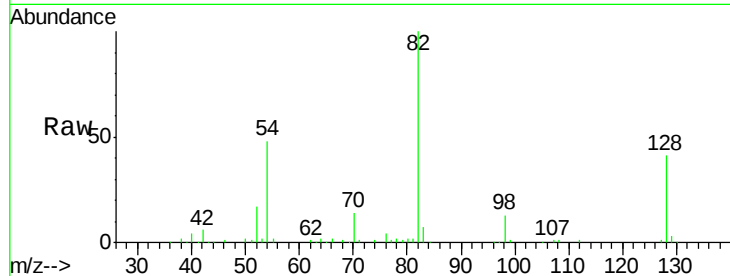




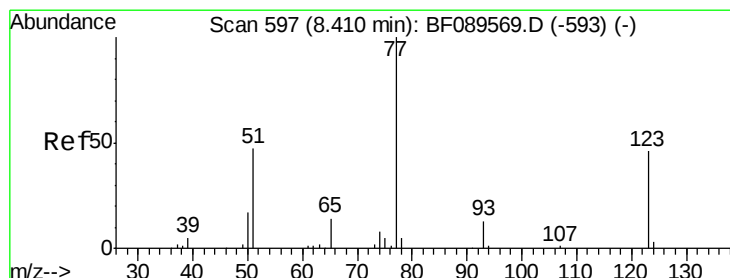
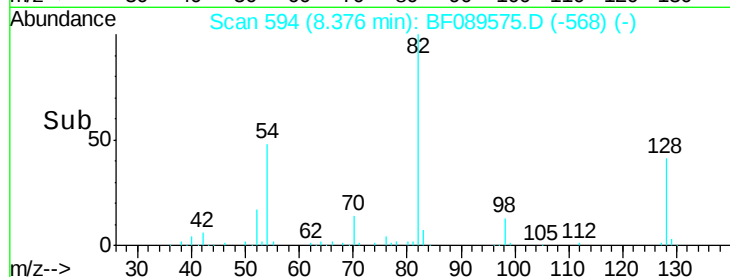
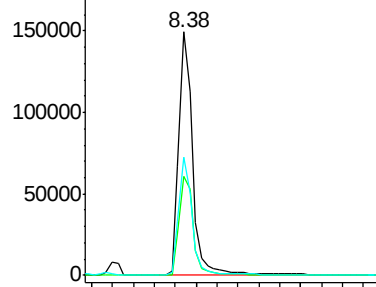
#23
Nitrobenzene-d5
Concen: 79.36 ng
RT: 8.38 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF089575.D
Acq: 4 Aug 2016 2:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	279174
Ion Ratio	100	Lower	Upper
128	40.7	32.4	48.6
54	48.4	38.6	58.0

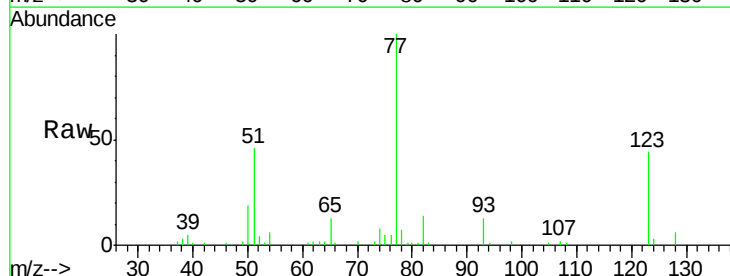


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

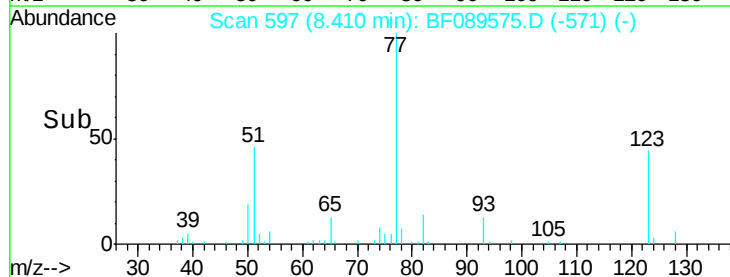
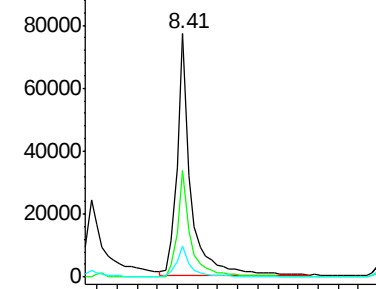


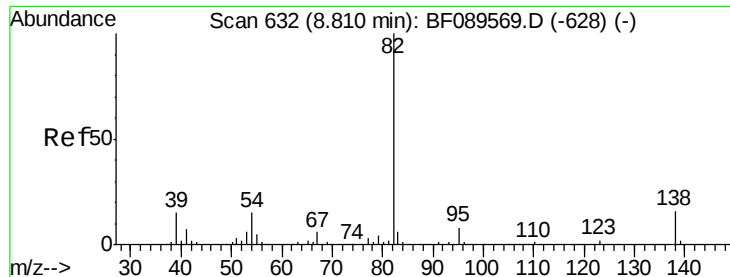
#24
Nitrobenzene
Concen: 39.44 ng
RT: 8.41 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF089575.D
Acq: 4 Aug 2016 2:43

Tgt Ion	77	Resp	140763
Ion Ratio	100	Lower	Upper
123	43.8	36.2	54.2
65	13.0	10.7	16.1



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.61 ng

RT: 8.81 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF089575.D

Acq: 4 Aug 2016 2:43

Instrument :

BNA_F

ClientSampleId :

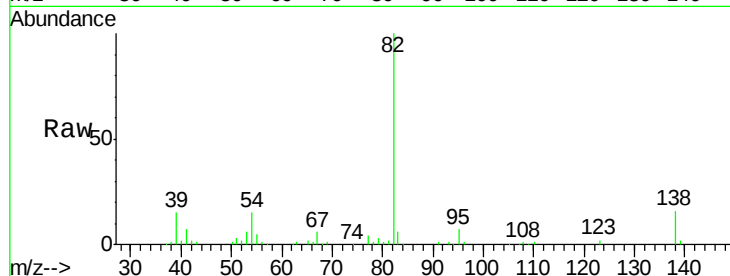
Tot Ion: 82 Resp: 257868

Ion Ratio Lower Upper

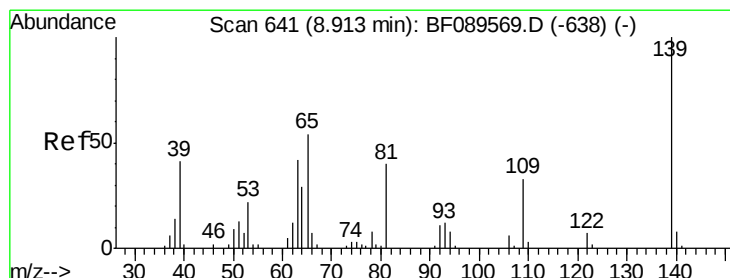
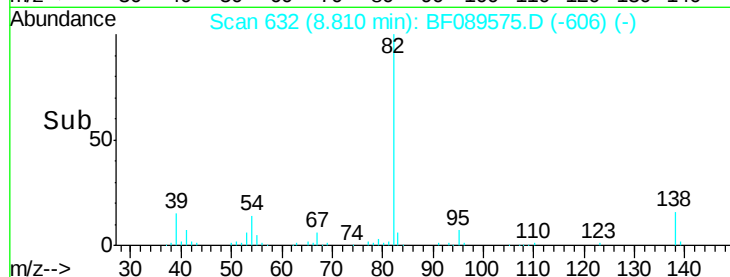
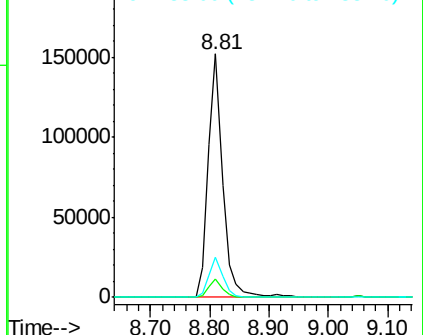
82 100

95 7.4 6.1 9.1

138 16.4 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 39.15 ng

RT: 8.91 min Scan# 641

Delta R.T. 0.00 min

Lab File: BF089575.D

Acq: 4 Aug 2016 2:43

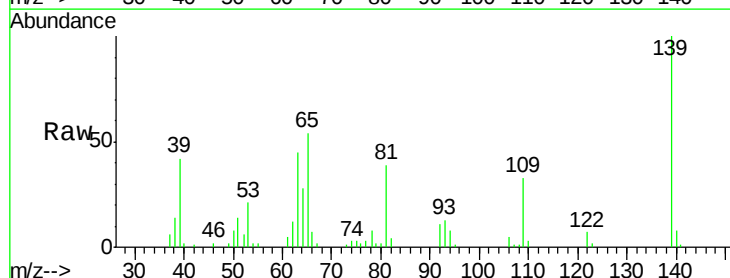
Tgt Ion: 139 Resp: 59715

Ion Ratio Lower Upper

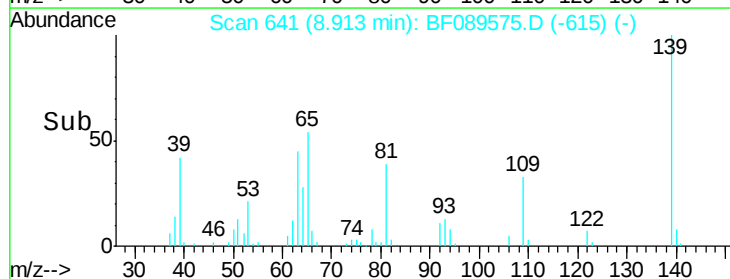
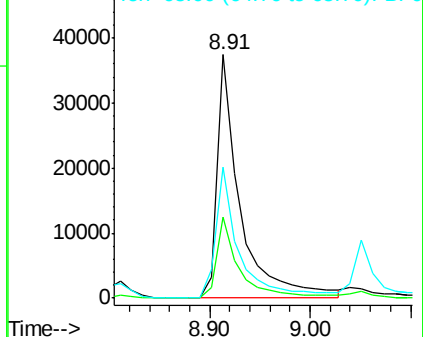
139 100

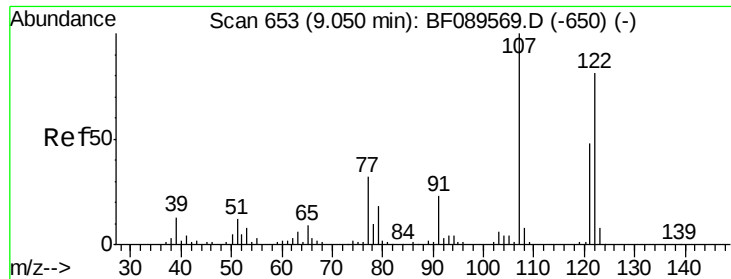
109 33.0 26.7 40.1

65 54.0 43.3 64.9



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

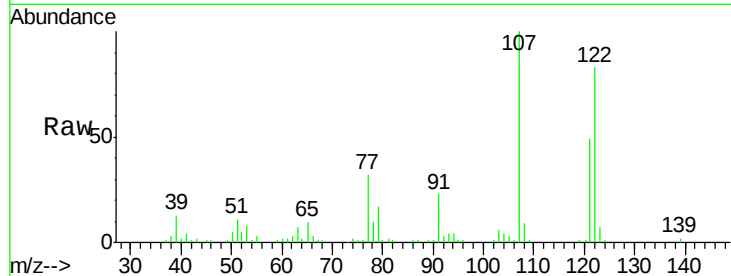




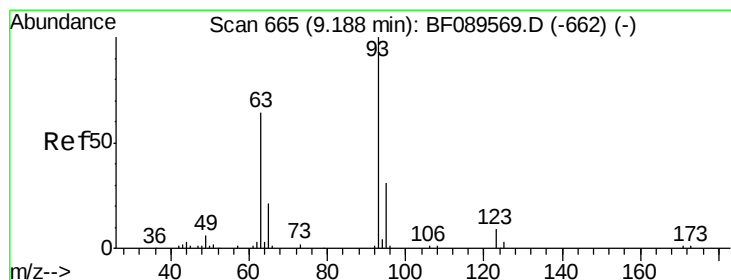
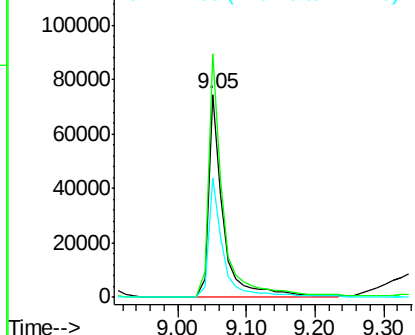
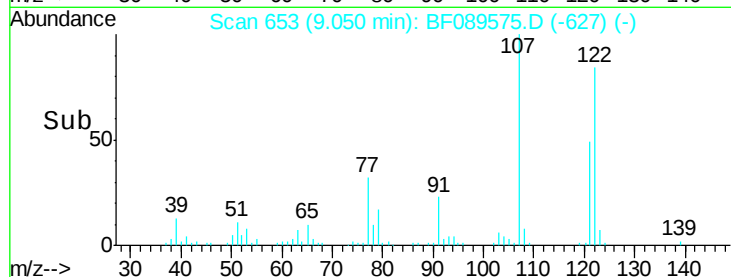
#27
 2,4-Dimethylphenol
 Concen: 40.93 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF089575.D
 Acq: 4 Aug 2016 2:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 111847
 Ion Ratio Lower Upper
 122 100
 107 120.0 99.3 148.9
 121 59.0 47.8 71.8

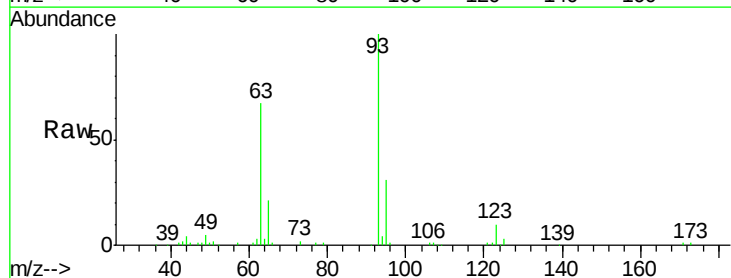


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

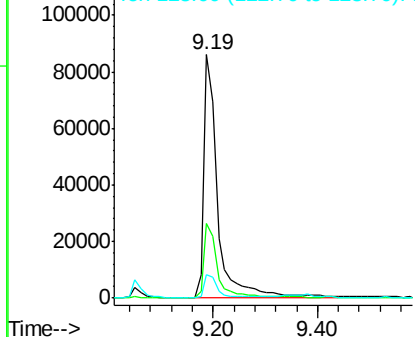
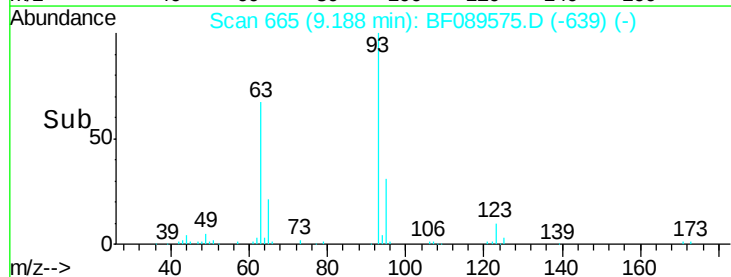


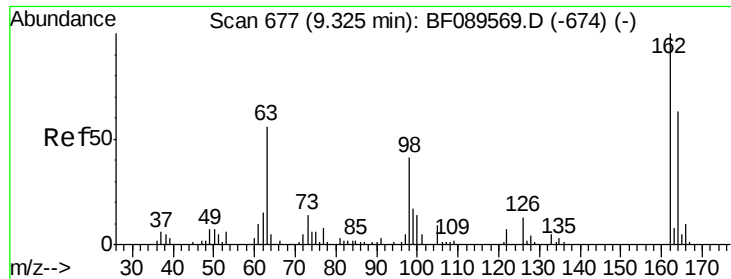
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.32 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF089575.D
 Acq: 4 Aug 2016 2:43

Tgt Ion: 93 Resp: 161313
 Ion Ratio Lower Upper
 93 100
 95 30.8 25.0 37.6
 123 9.5 7.4 11.2



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

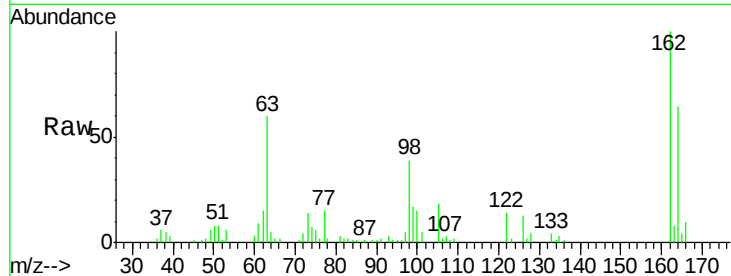




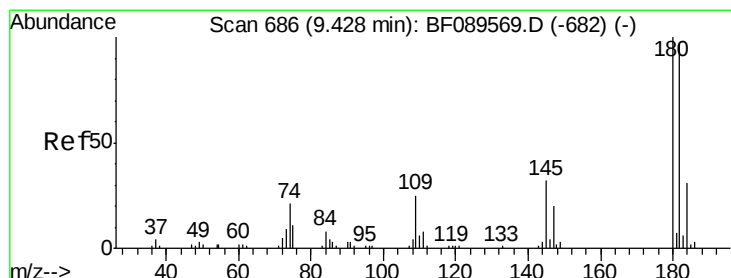
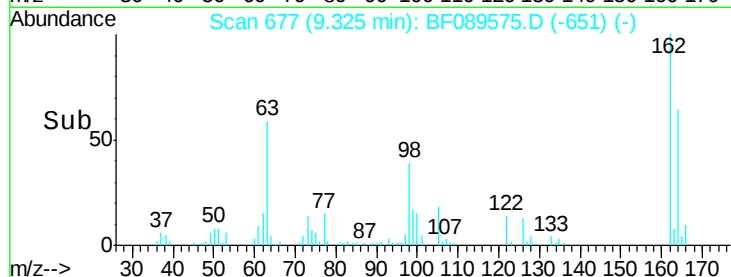
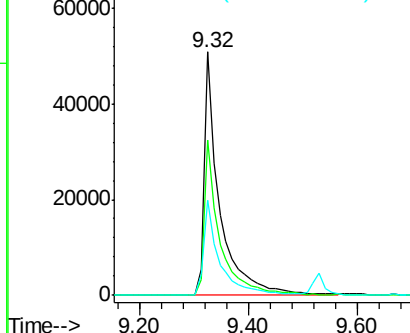
#29
 2,4-Dichlorophenol
 Concen: 38.82 ng
 RT: 9.32 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF089575.D
 Acq: 4 Aug 2016 2:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	43.1	83.1
98	39.2	20.7	60.7

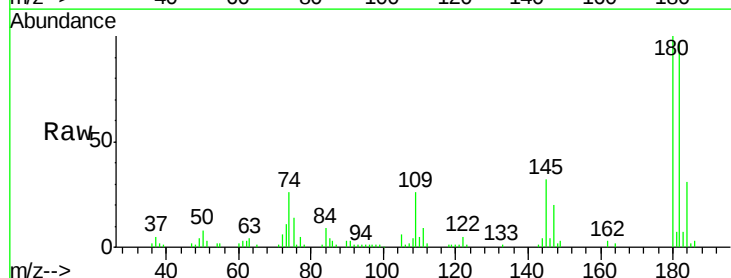


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

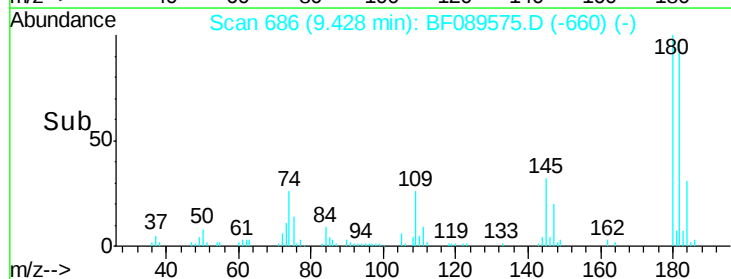
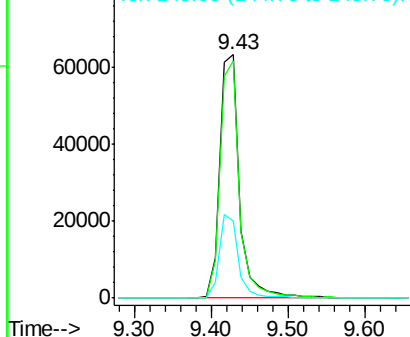


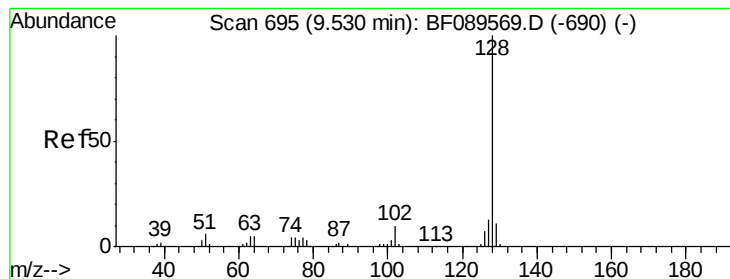
#30
 1,2,4-Trichlorobenzene
 Concen: 39.15 ng
 RT: 9.43 min Scan# 686
 Delta R.T. 0.00 min
 Lab File: BF089575.D
 Acq: 4 Aug 2016 2:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	77.2	115.8
145	31.7	25.3	37.9



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: 38.58 ng

RT: 9.53 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF089575.D

Acq: 4 Aug 2016 2:43

Instrument :

BNA_F

ClientSampleId :

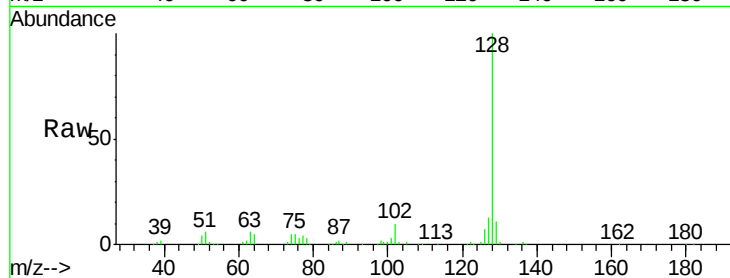
Tot Ion:128 Resp: 399198

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

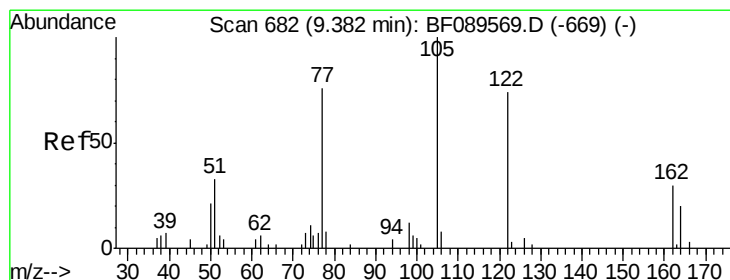
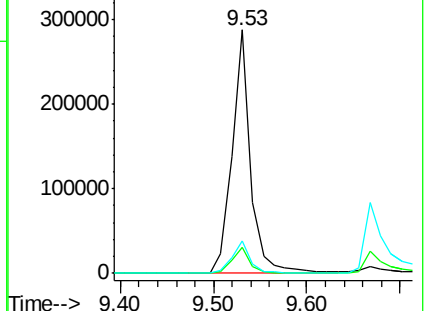
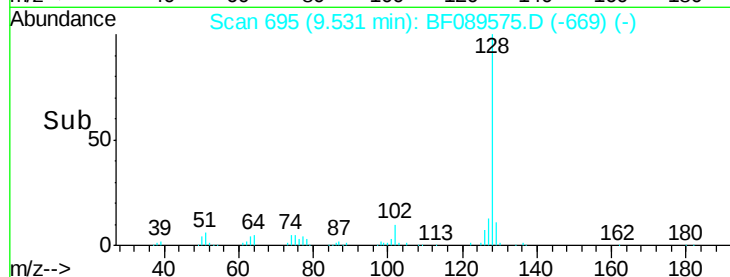
127 13.3 10.8 16.2



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: 38.46 ng

RT: 9.38 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF089575.D

Acq: 4 Aug 2016 2:43

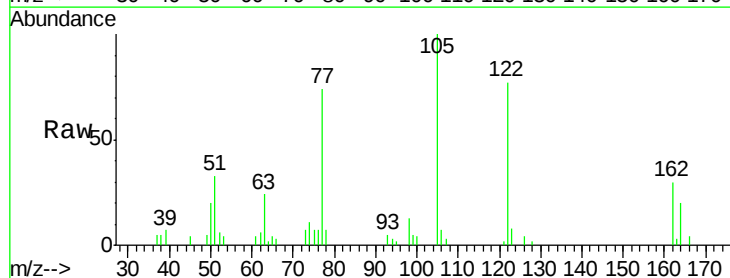
Tgt Ion:122 Resp: 69814

Ion Ratio Lower Upper

122 100

105 130.6 109.8 149.8

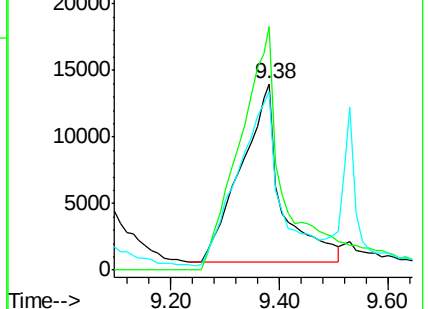
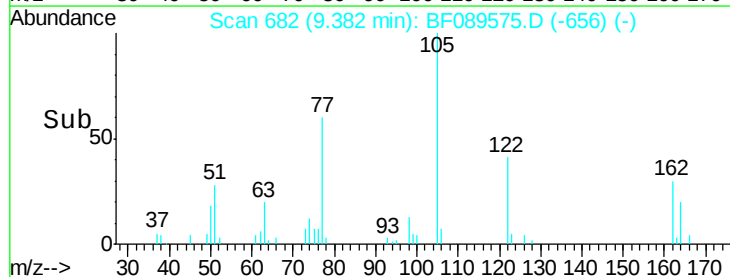
77 96.0 81.8 121.8

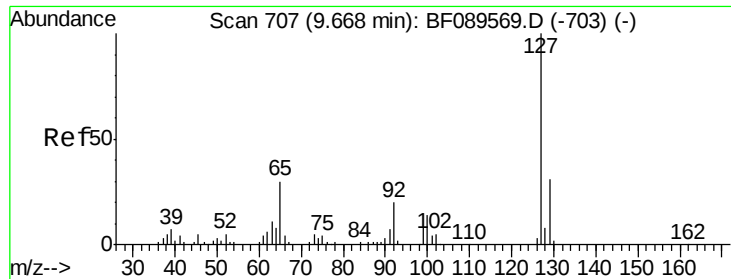


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

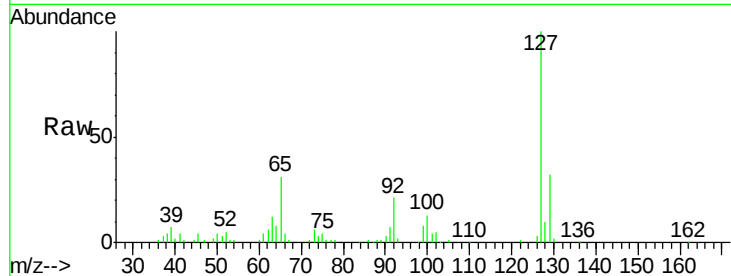




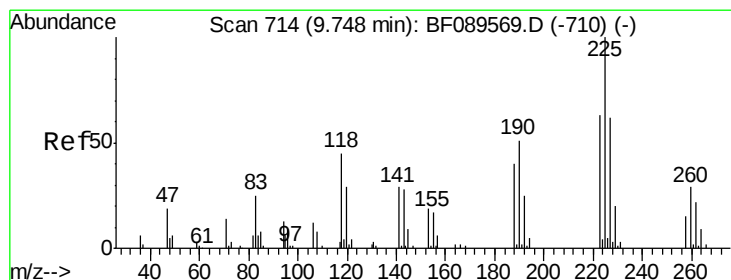
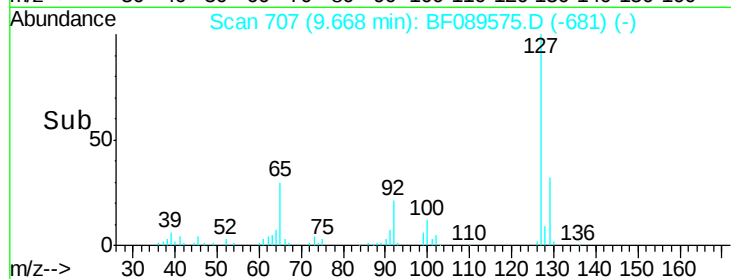
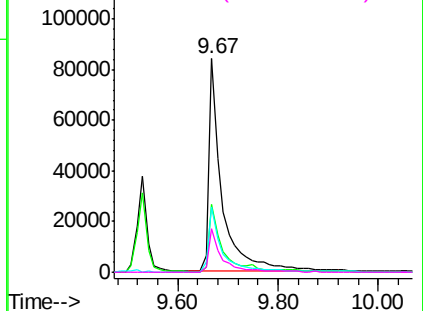
#33
4-Chloroaniline
Concen: 38.74 ng
RT: 9.67 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF089575.D
Acq: 4 Aug 2016 2:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	154849
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.0	37.4
65	30.7	24.3	36.5
92	20.7	16.2	24.4

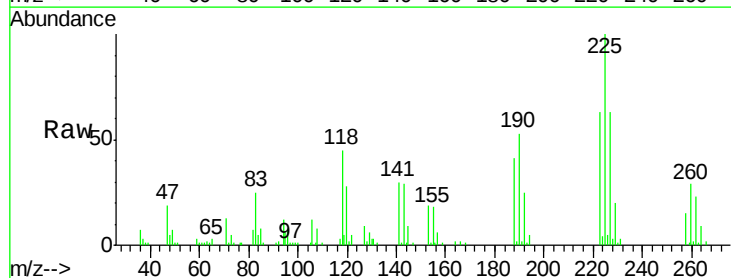


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

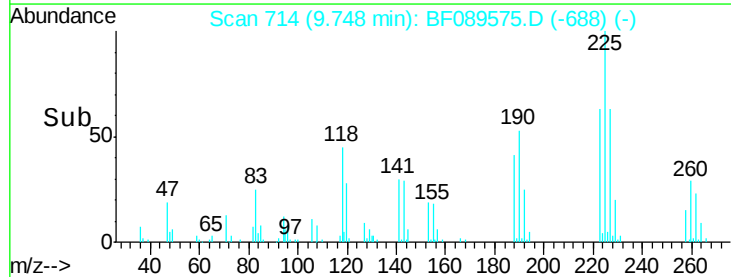
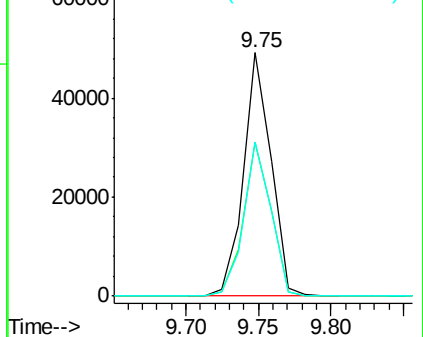


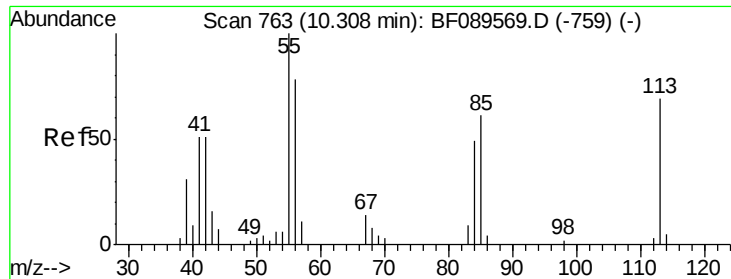
#34
Hexachlorobutadiene
Concen: 37.72 ng
RT: 9.75 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF089575.D
Acq: 4 Aug 2016 2:43

Tgt Ion:	225	Resp:	64293
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.3	75.5
227	63.3	49.6	74.4



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: 40.38 ng

RT: 10.31 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF089575.D

Acq: 4 Aug 2016 2:43

Instrument :

BNA_F

ClientSampled :

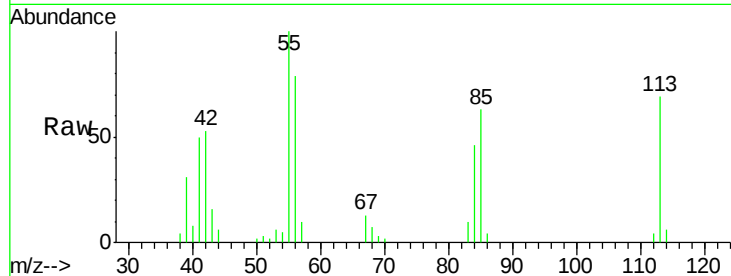
Tot Ion:113 Resp: 30533

Ion Ratio Lower Upper

113 100

55 143.9 124.4 164.4

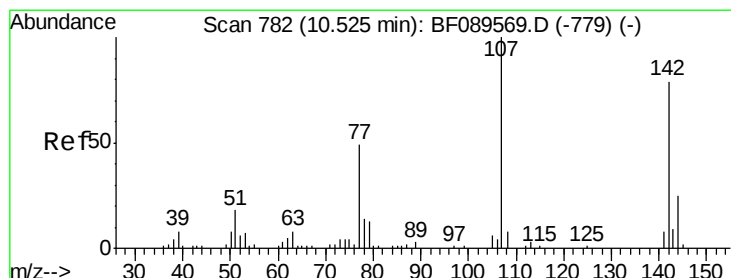
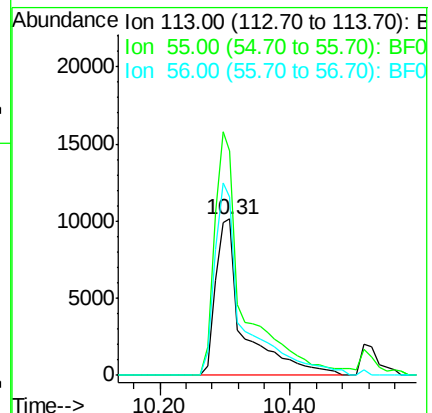
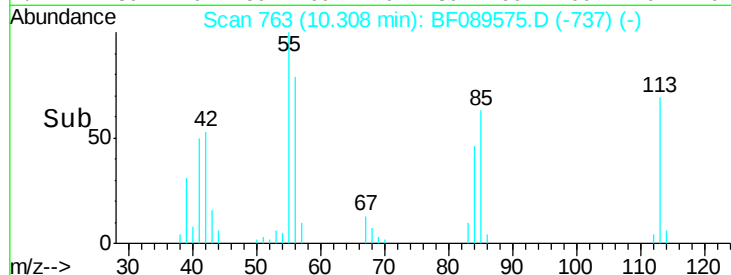
56 114.3 92.2 132.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.04 ng

RT: 10.51 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF089575.D

Acq: 4 Aug 2016 2:43

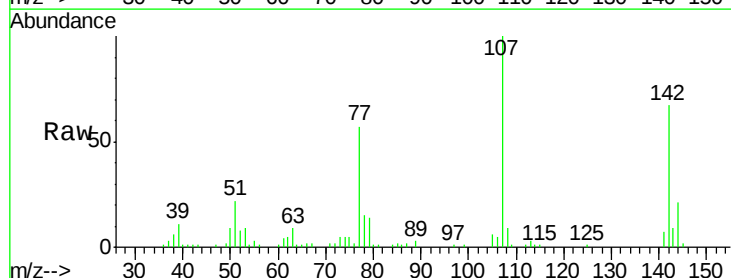
Tgt Ion:107 Resp: 123659

Ion Ratio Lower Upper

107 100

144 21.5 19.9 29.9

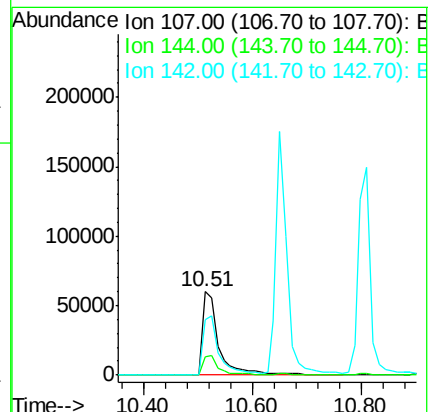
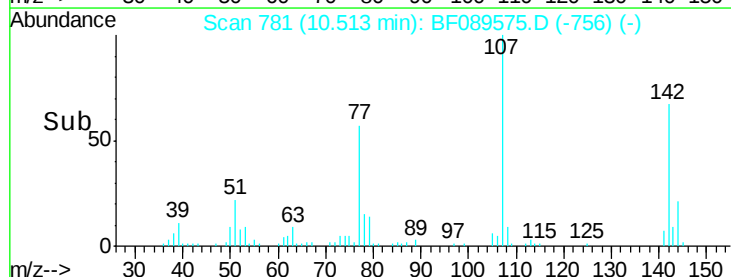
142 67.0 63.0 94.6

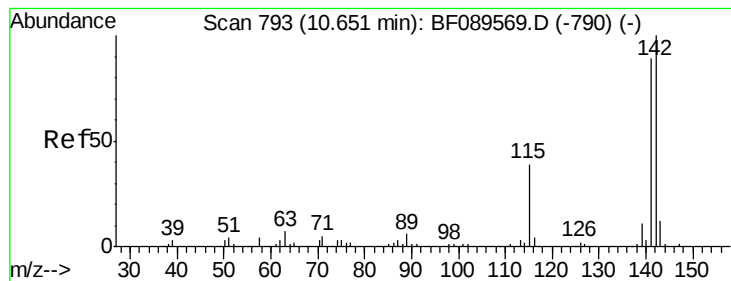


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.34 ng

RT: 10.65 min Scan# 793

Delta R.T. 0.00 min

Lab File: BF089575.D

Acq: 4 Aug 2016 2:43

Instrument :

BNA_F

ClientSampled :

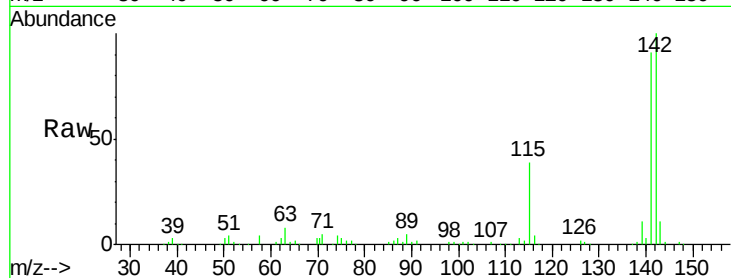
Tot Ion:142 Resp: 242523

Ion Ratio Lower Upper

142 100

141 90.7 70.9 106.3

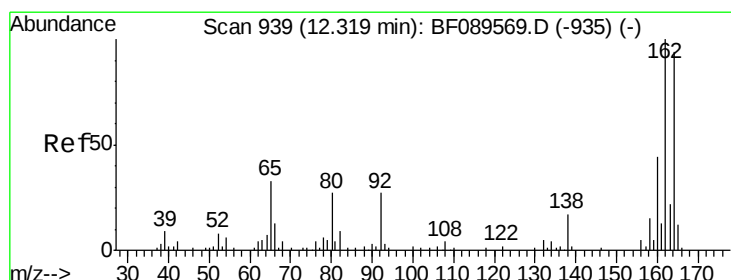
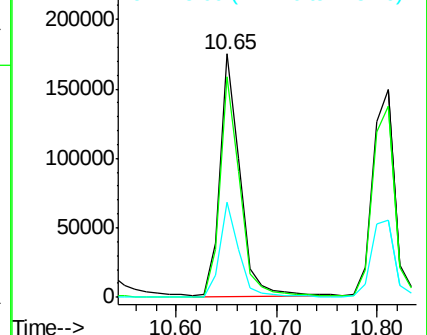
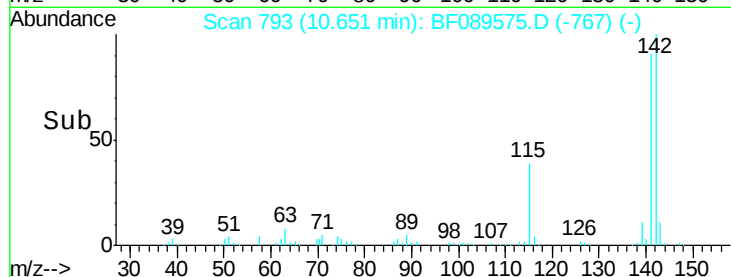
115 38.9 30.7 46.1



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: 12.32 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF089575.D

Acq: 4 Aug 2016 2:43

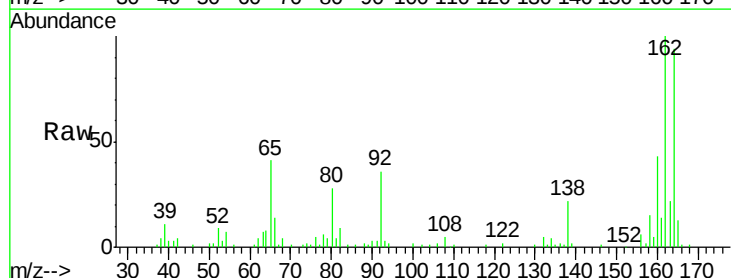
Tgt Ion:164 Resp: 89421

Ion Ratio Lower Upper

164 100

162 106.0 85.4 128.2

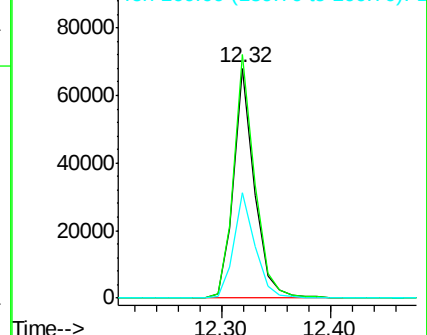
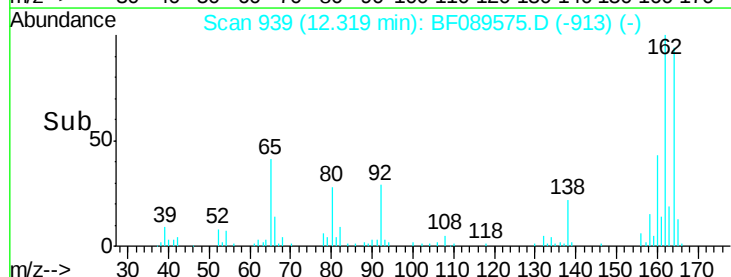
160 46.1 37.3 55.9

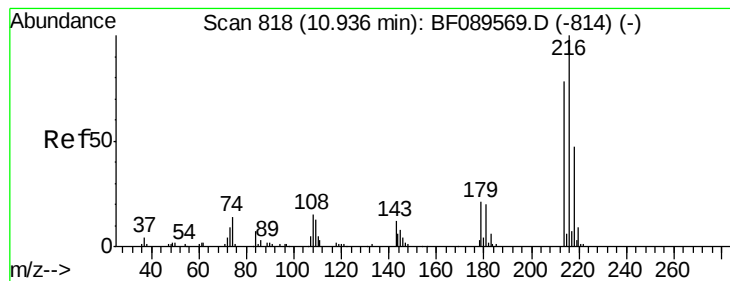


Abundance Ion 164.00 (163.70 to 164.70): E

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: 38.55 ng

RT: 10.92 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF089575.D

Acq: 4 Aug 2016 2:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 129896

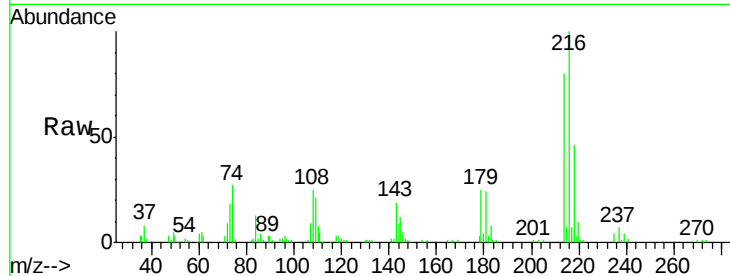
Ion Ratio Lower Upper

216 100

214 78.2 62.5 93.7

179 22.1 18.0 27.0

108 20.9 16.2 24.4

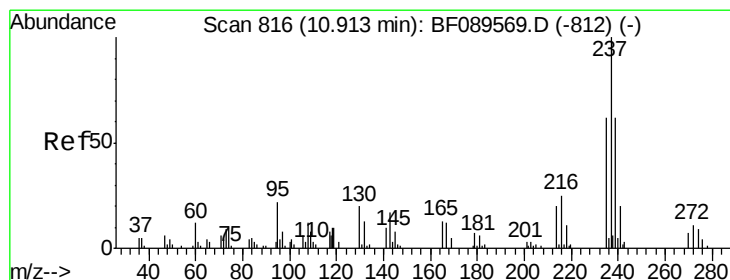
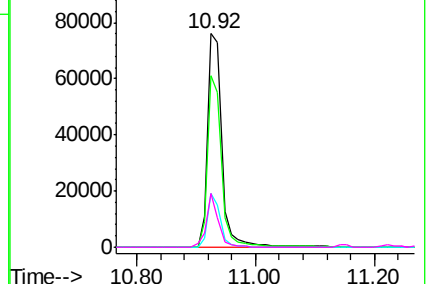
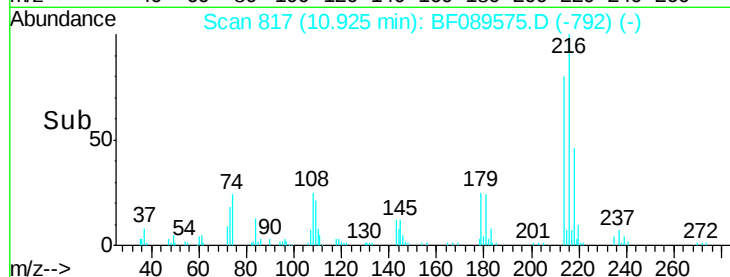


Abundance Ion 216.00 (215.70 to 216.70): E

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: 40.99 ng

RT: 10.91 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF089575.D

Acq: 4 Aug 2016 2:43

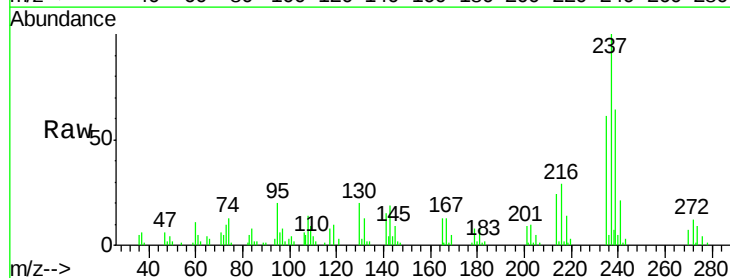
Tgt Ion:237 Resp: 44754

Ion Ratio Lower Upper

237 100

235 60.6 41.5 81.5

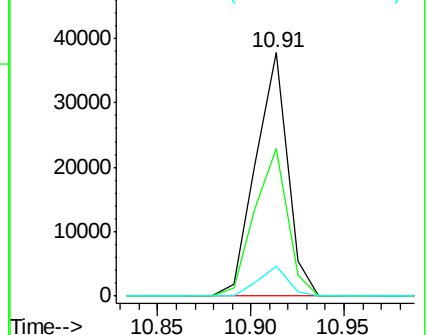
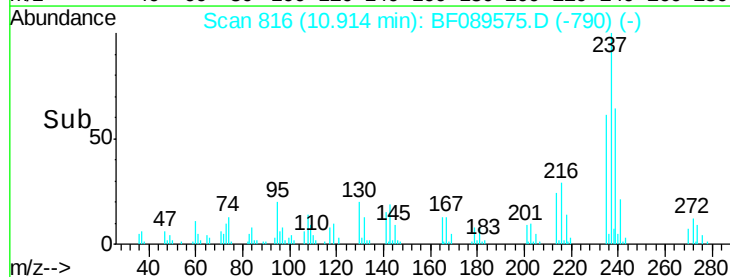
272 12.3 0.0 31.4

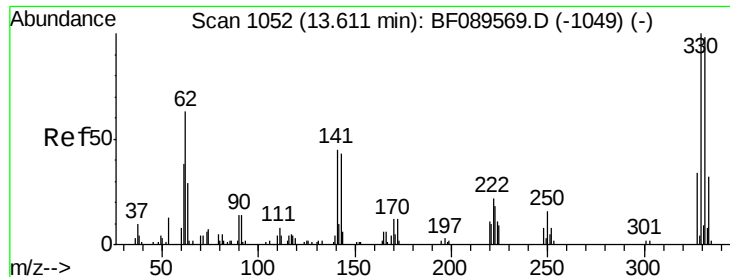


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

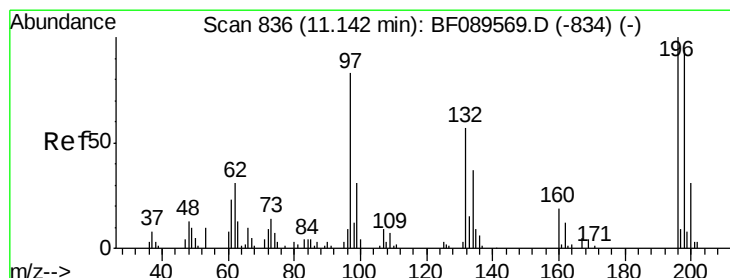
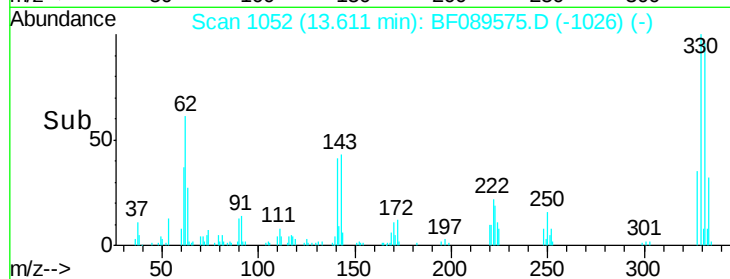
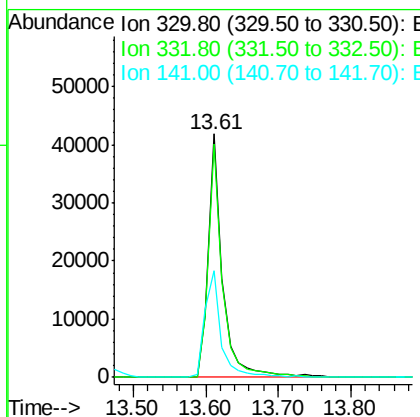
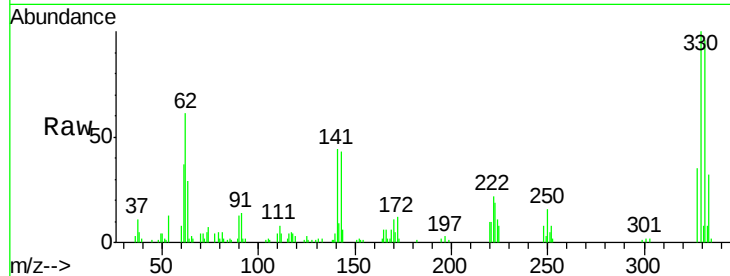




#41
 2,4,6-Tribromophenol
 Concen: 81.14 ng
 RT: 13.61 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: BF089575.D
 Acq: 4 Aug 2016 2:43

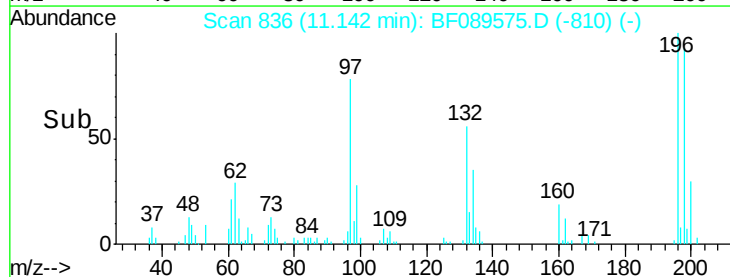
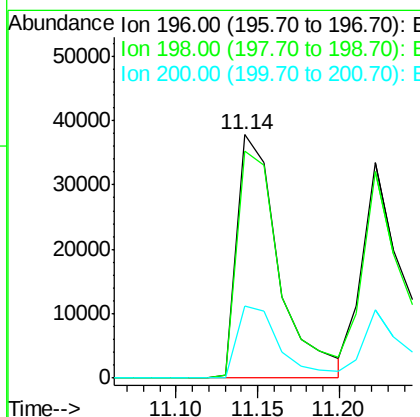
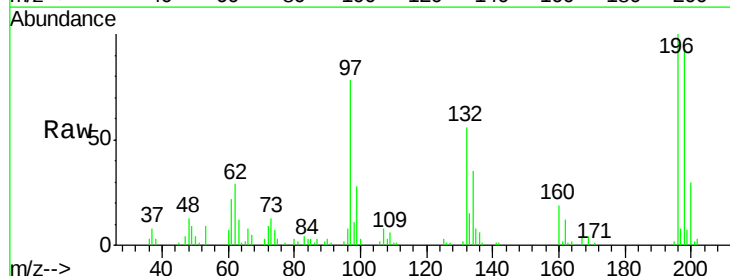
Instrument :
 BNA_F
 ClientSampleId :

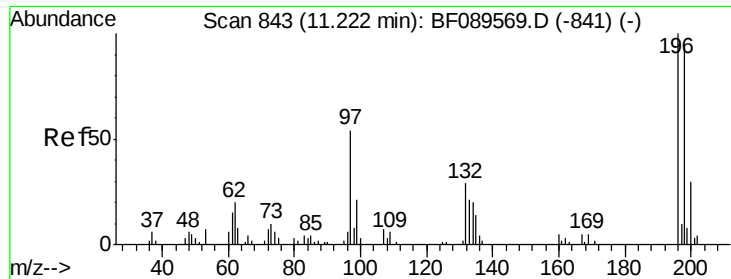
Tot Ion:330 Resp: 57631
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.7 115.1
 141 49.7 40.3 60.5



#42
 2,4,6-Trichlorophenol
 Concen: 40.75 ng
 RT: 11.14 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF089575.D
 Acq: 4 Aug 2016 2:43

Tgt Ion:196 Resp: 67123
 Ion Ratio Lower Upper
 196 100
 198 93.4 75.5 113.3
 200 29.8 24.9 37.3

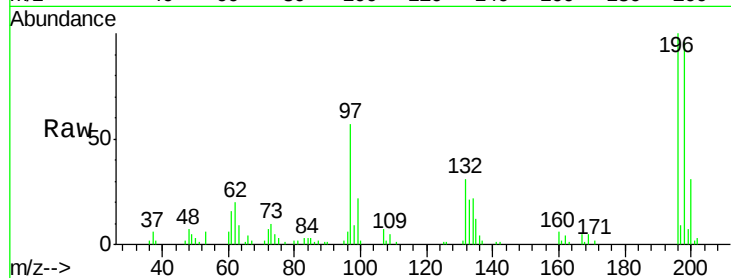




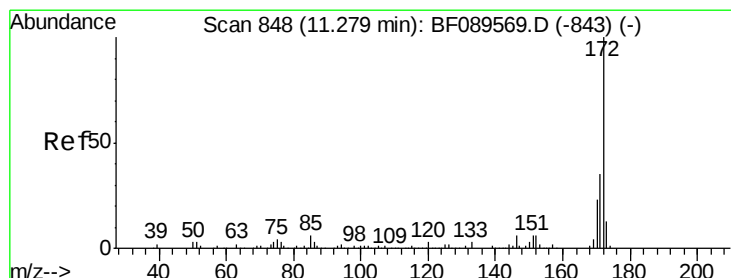
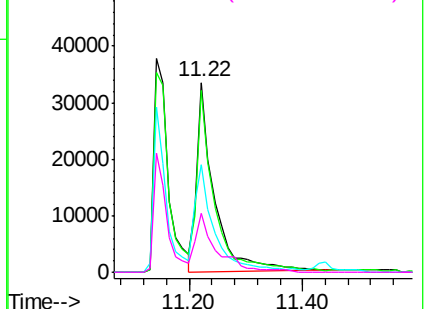
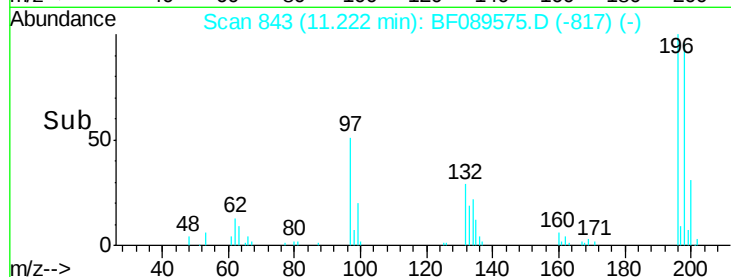
#43
 2,4,5-Trichlorophenol
 Concen: 40.67 ng
 RT: 11.22 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF089575.D
 Acq: 4 Aug 2016 2:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 70957
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.9 113.9
 97 56.8 43.9 65.9
 132 30.8 24.5 36.7

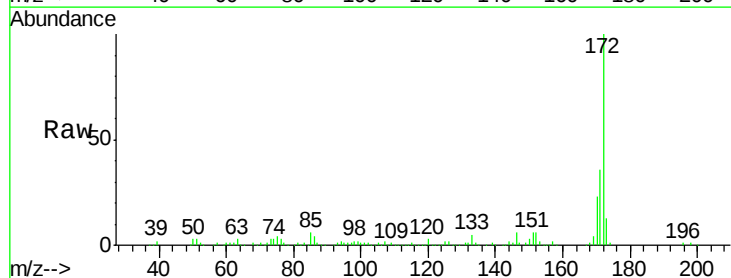


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

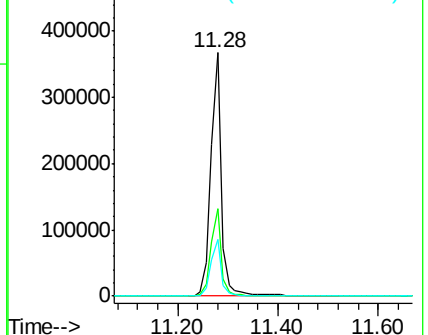
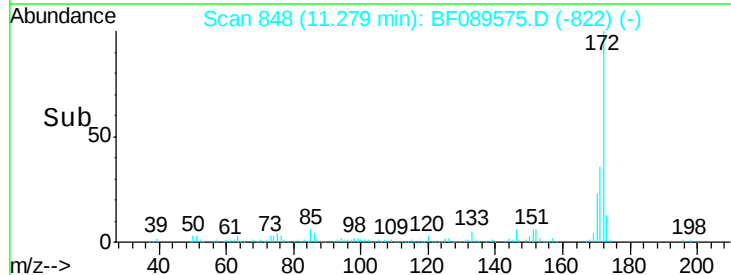


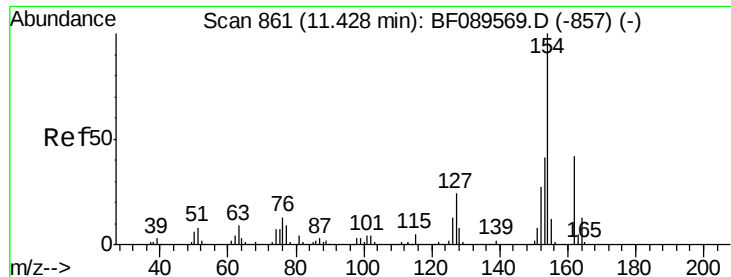
#44
 2-Fluorobiphenyl
 Concen: 77.68 ng
 RT: 11.28 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: BF089575.D
 Acq: 4 Aug 2016 2:43

Tgt Ion:172 Resp: 534848
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.1 42.1
 170 23.5 18.6 28.0



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

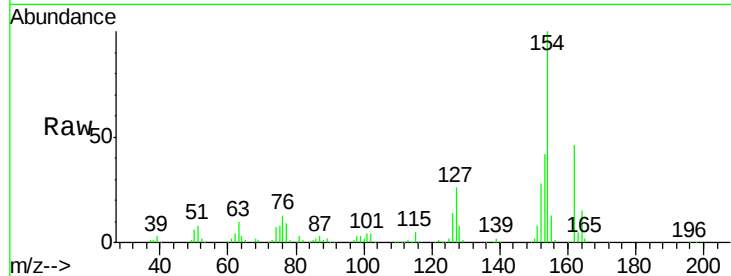




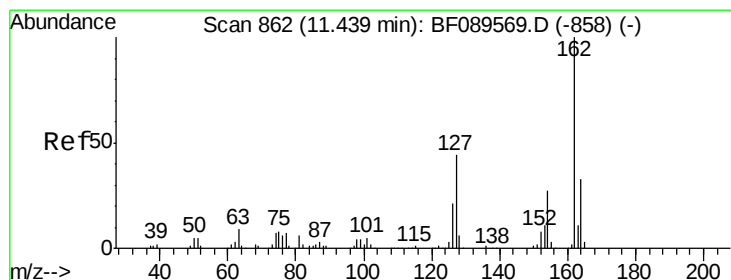
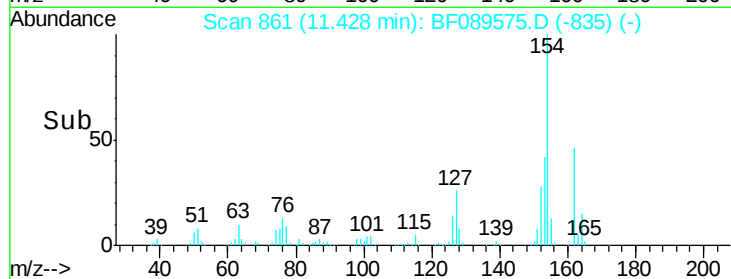
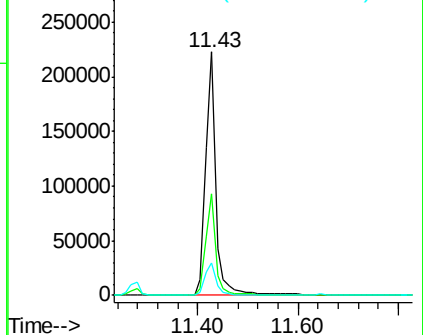
#45
 1,1'-Biphenyl
 Concen: 39.58 ng
 RT: 11.43 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF089575.D
 Acq: 4 Aug 2016 2:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 319611
 Ion Ratio Lower Upper
 154 100
 153 41.6 20.6 60.6
 76 13.2 0.0 33.3

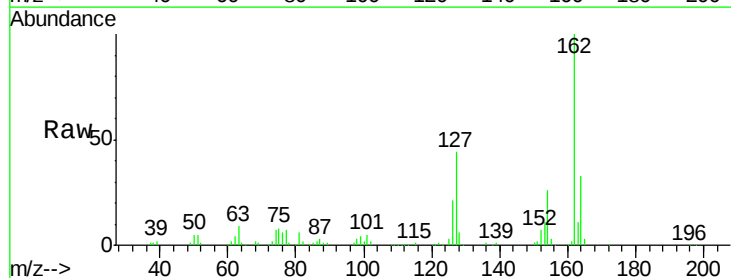


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

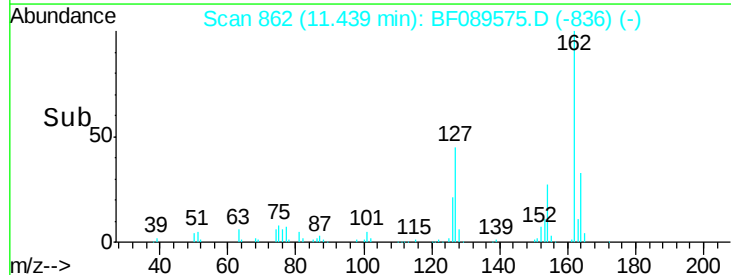
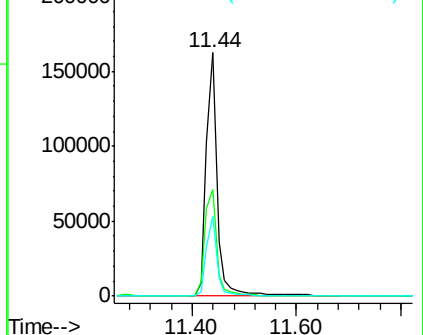


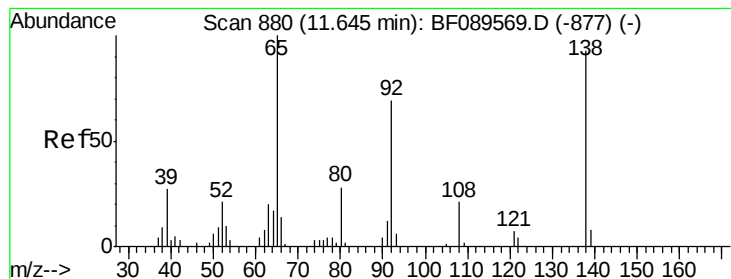
#46
 2-Chloronaphthalene
 Concen: 39.34 ng
 RT: 11.44 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: BF089575.D
 Acq: 4 Aug 2016 2:43

Tgt Ion:162 Resp: 238014
 Ion Ratio Lower Upper
 162 100
 127 43.6 35.0 52.4
 164 32.8 26.2 39.2



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: 40.20 ng

RT: 11.65 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF089575.D

Acq: 4 Aug 2016 2:43

Instrument :

BNA_F

ClientSampleId :

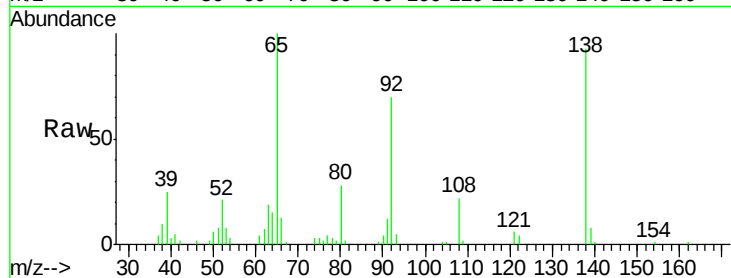
Tot Ion: 65 Resp: 77152

Ion Ratio Lower Upper

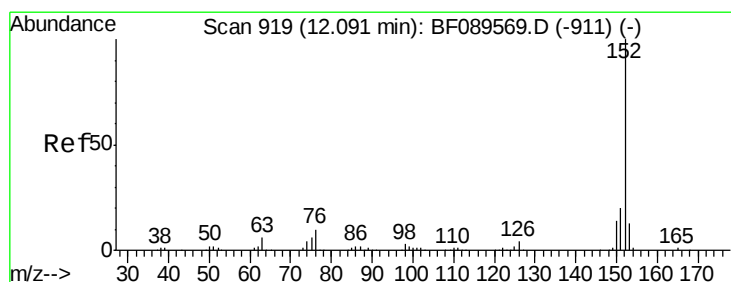
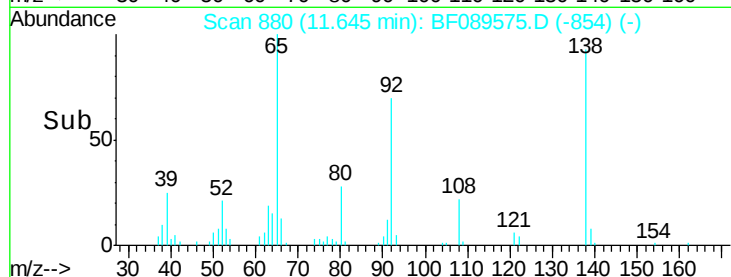
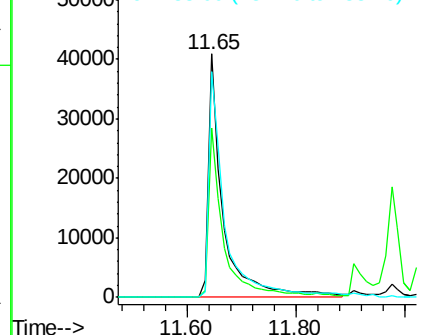
65 100

92 69.7 54.9 82.3

138 92.8 74.0 111.0



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 38.32 ng

RT: 12.09 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF089575.D

Acq: 4 Aug 2016 2:43

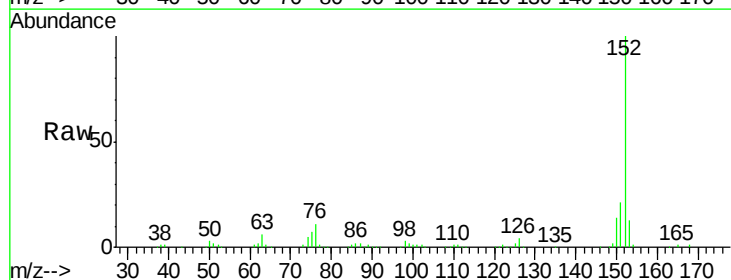
Tgt Ion: 152 Resp: 382228

Ion Ratio Lower Upper

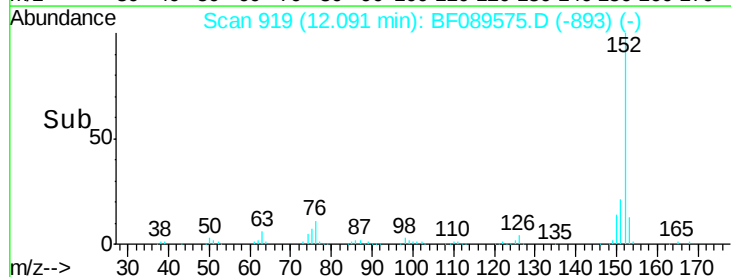
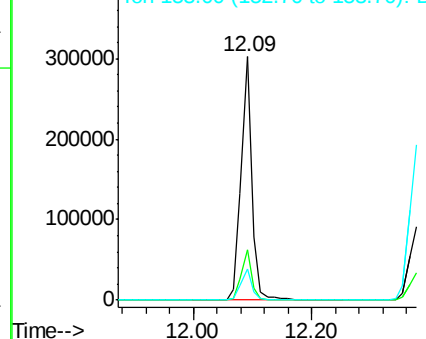
152 100

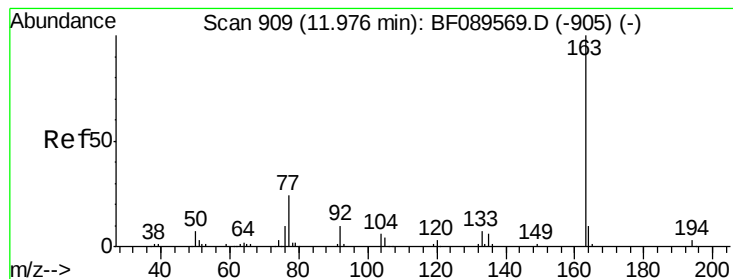
151 20.5 16.3 24.5

153 12.9 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 38.61 ng

RT: 11.98 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF089575.D

Acq: 4 Aug 2016 2:43

Instrument :

BNA_F

ClientSampleId :

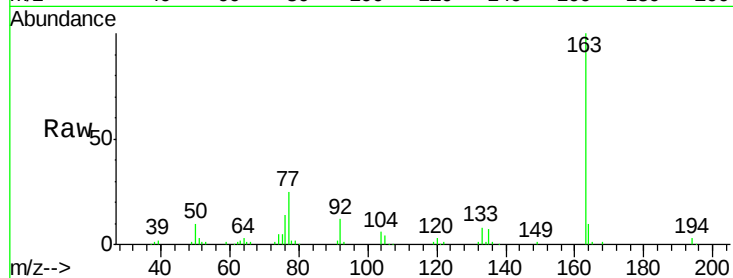
Tot Ion:163 Resp: 264529

Ion Ratio Lower Upper

163 100

194 3.0 2.4 3.6

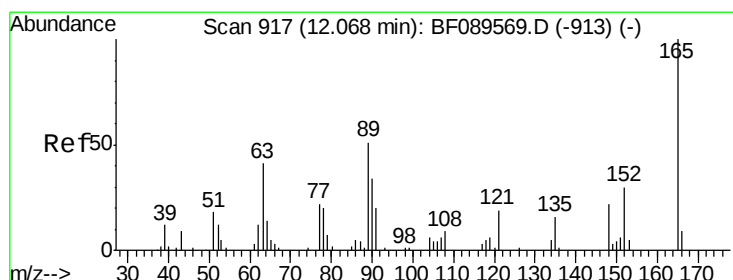
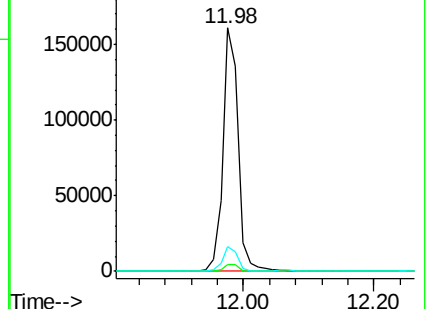
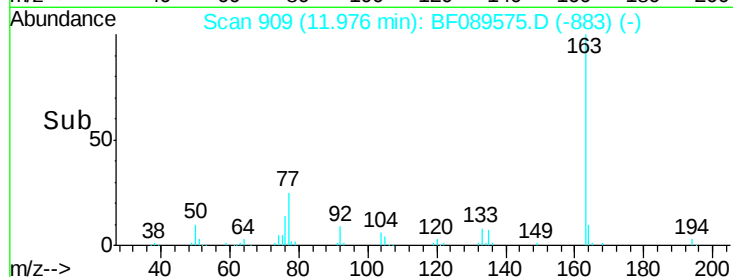
164 10.1 8.2 12.4



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: 40.49 ng

RT: 12.07 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF089575.D

Acq: 4 Aug 2016 2:43

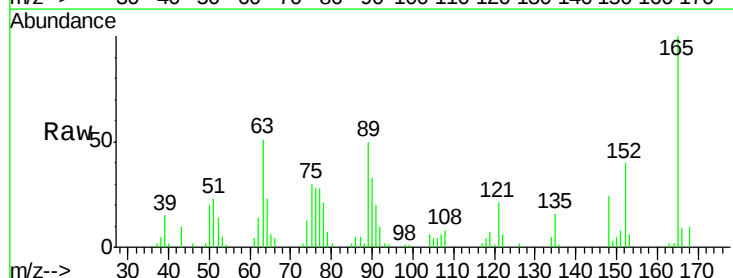
Tgt Ion:165 Resp: 55505

Ion Ratio Lower Upper

165 100

63 50.8 40.2 60.4

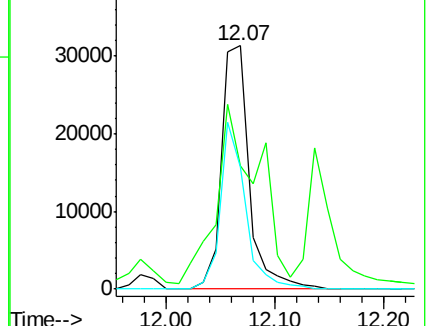
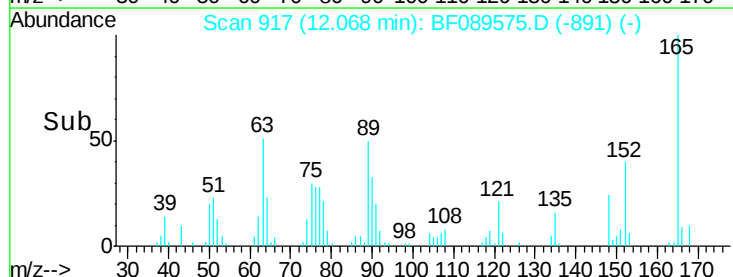
89 50.3 40.6 61.0

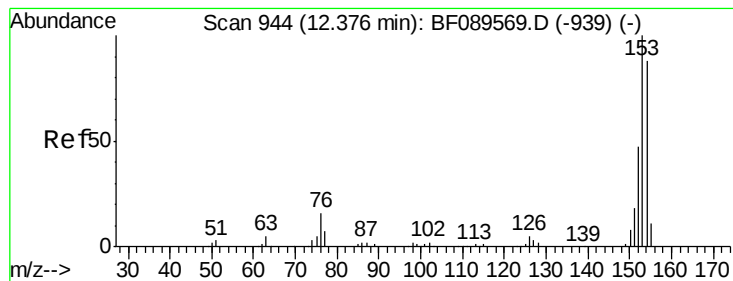


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.32 ng

RT: 12.38 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF089575.D

Acq: 4 Aug 2016 2:43

Instrument :

BNA_F

ClientSampleId :

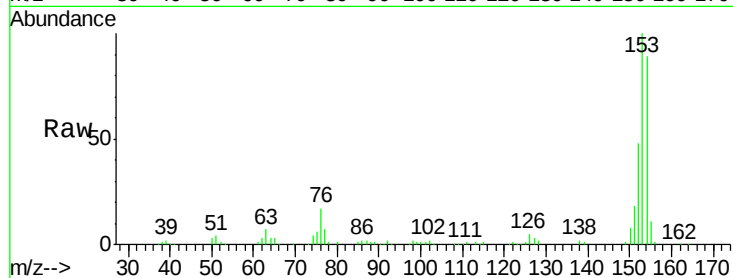
Tot Ion:154 Resp: 221613

Ion Ratio Lower Upper

154 100

153 112.4 91.2 136.8

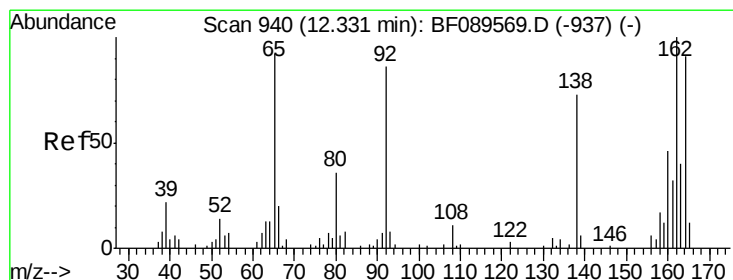
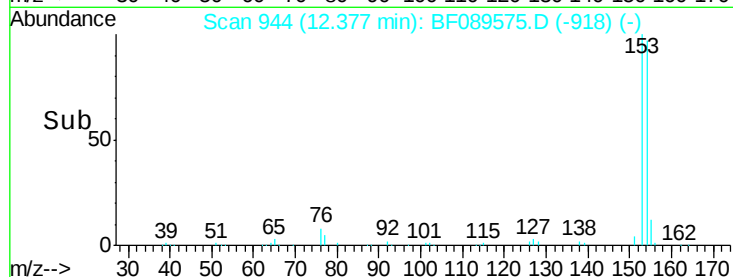
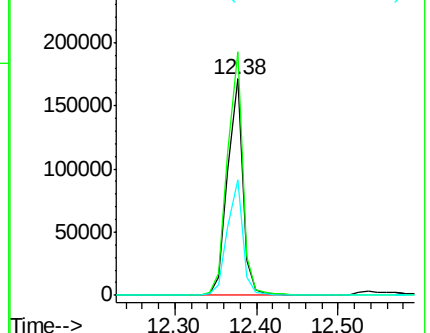
152 53.5 43.1 64.7



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: 39.18 ng

RT: 12.33 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF089575.D

Acq: 4 Aug 2016 2:43

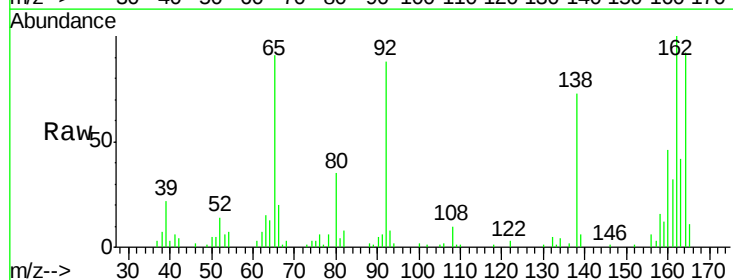
Tgt Ion:138 Resp: 63311

Ion Ratio Lower Upper

138 100

108 13.1 11.6 17.4

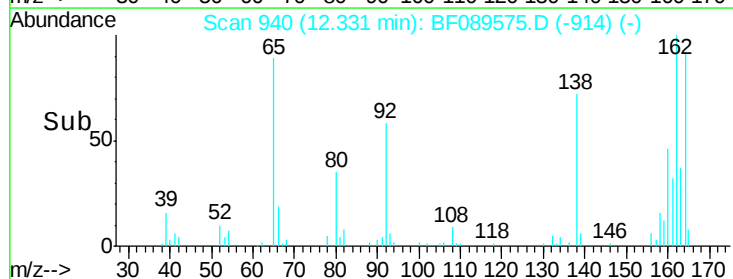
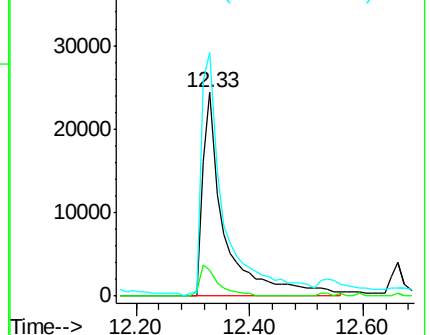
92 119.5 94.6 141.8

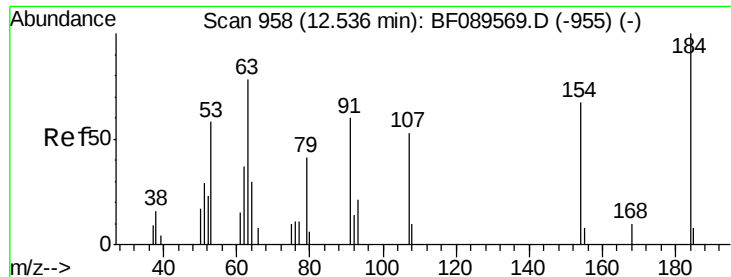


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

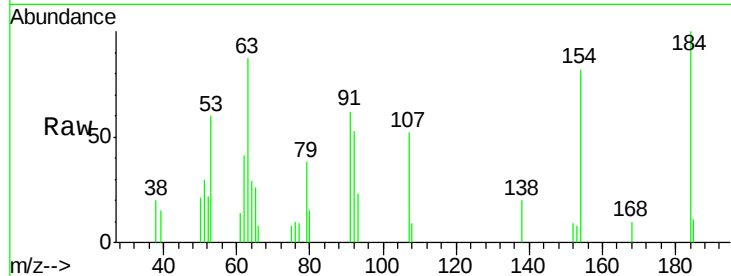




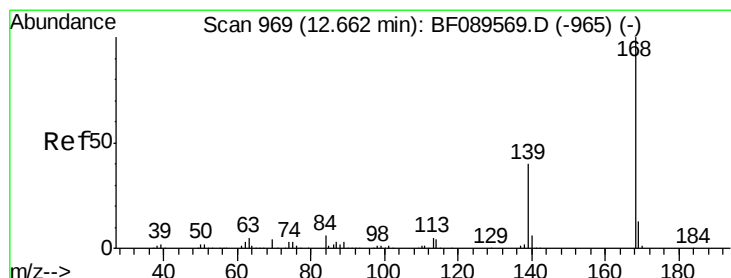
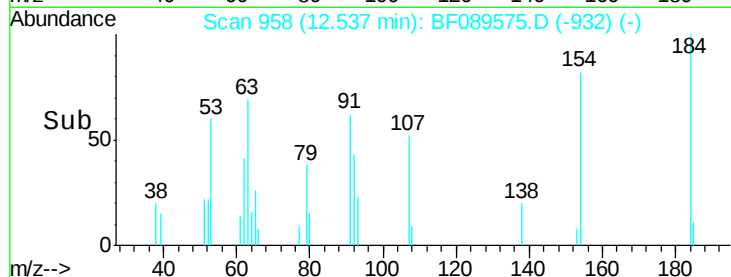
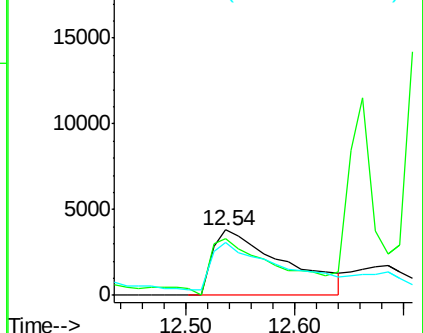
#53
 2,4-Dinitrophenol
 Concen: 41.62 ng
 RT: 12.54 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: BF089575.D
 Acq: 4 Aug 2016 2:43

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:184 Resp: 17254
 Ion Ratio Lower Upper
 184 100
 63 87.0 69.5 104.3
 154 81.9 61.8 92.6

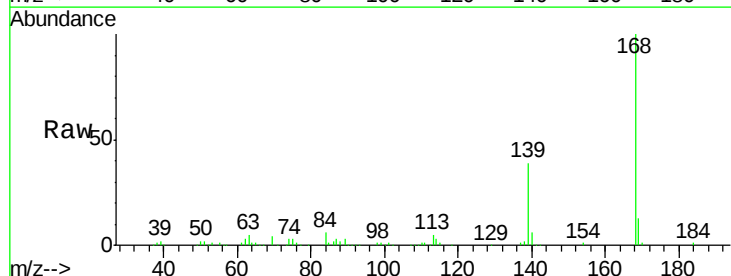


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

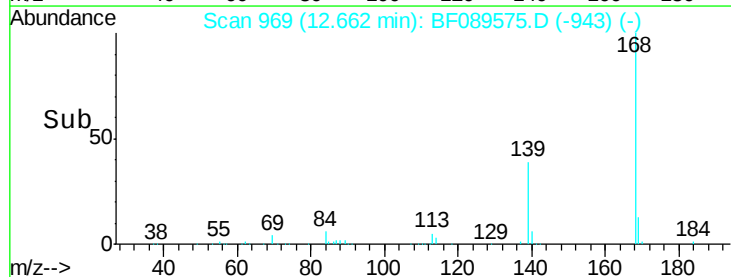
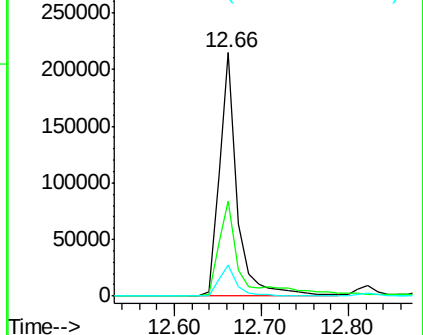


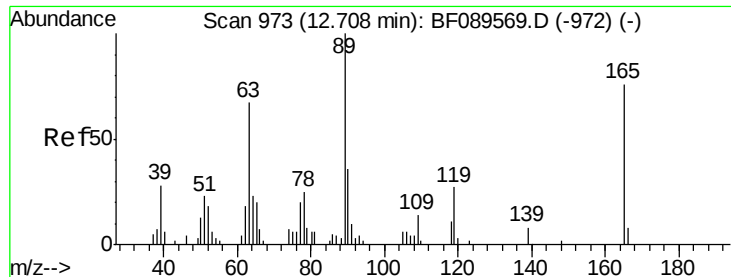
#54
 Dibenzofuran
 Concen: 39.03 ng
 RT: 12.66 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF089575.D
 Acq: 4 Aug 2016 2:43

Tgt Ion:168 Resp: 307135
 Ion Ratio Lower Upper
 168 100
 139 39.1 31.8 47.8
 169 13.0 10.6 16.0



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

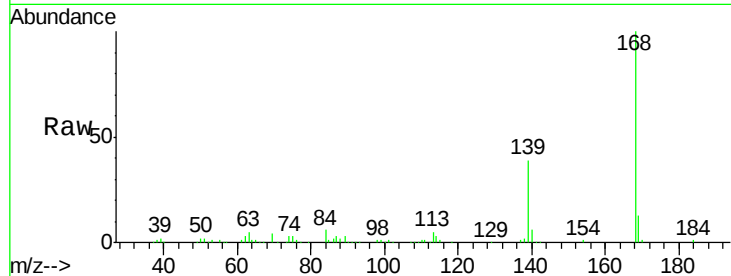




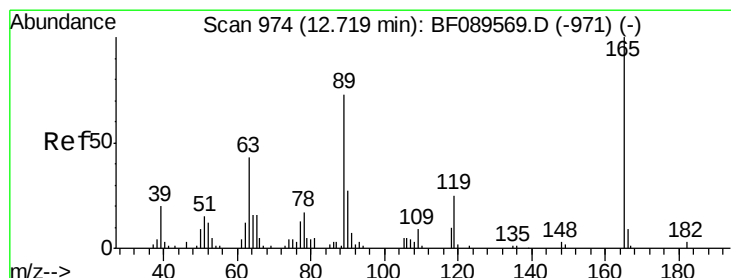
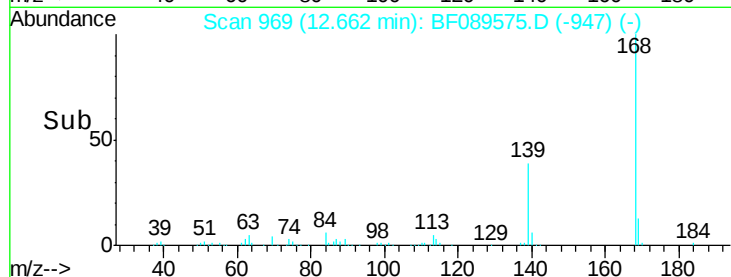
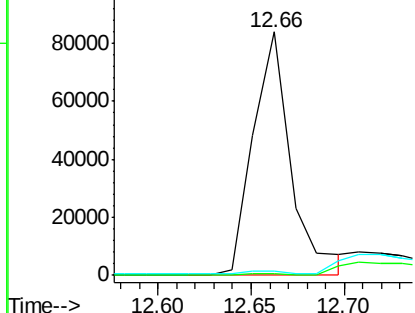
#55
4-Nitrophenol
Concen: 134.99 ng
RT: 12.66 min Scan# 969
Delta R.T. -0.05 min
Lab File: BF089575.D
Acq: 4 Aug 2016 2:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 118188
Ion Ratio Lower Upper
139 100
109 1.0 35.2 75.2#
65 1.8 66.4 106.4#



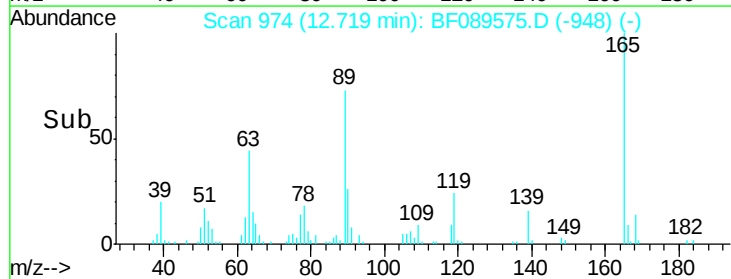
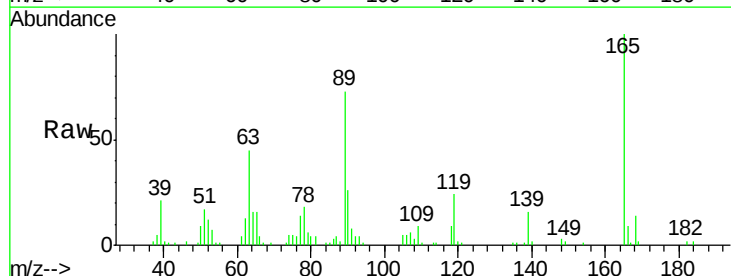
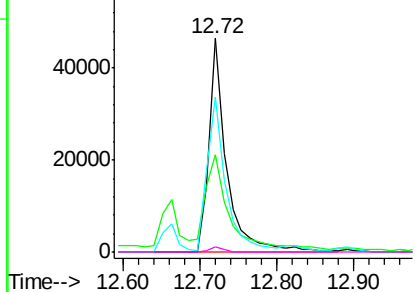
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BFO

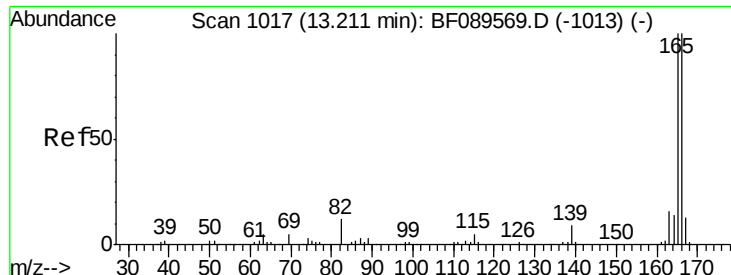


#56
2,4-Dinitrotoluene
Concen: 40.16 ng
RT: 12.72 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF089575.D
Acq: 4 Aug 2016 2:43

Tgt Ion:165 Resp: 73979
Ion Ratio Lower Upper
165 100
63 45.3 38.2 57.2
89 72.7 59.8 89.6
182 2.2 2.0 3.0

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BFO
Ion 89.00 (88.70 to 89.70): BFO
Ion 182.00 (181.70 to 182.70): E

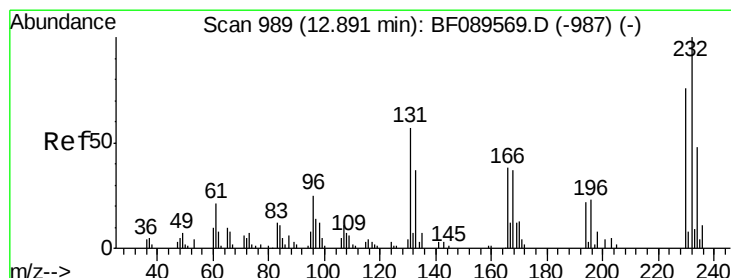
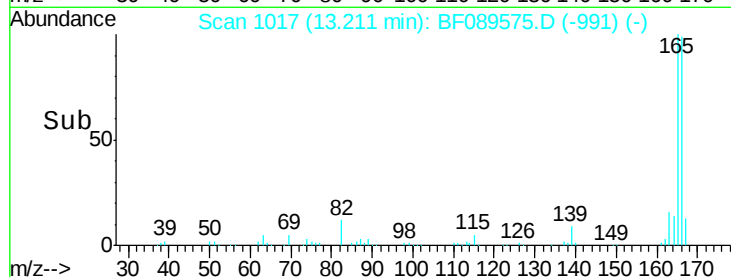
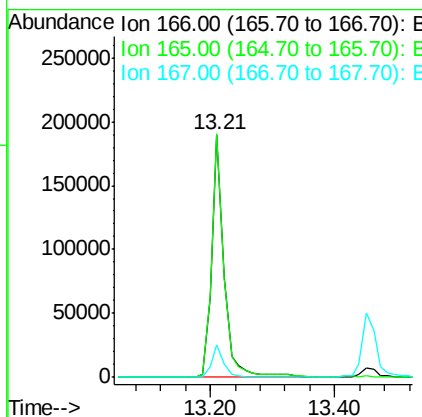
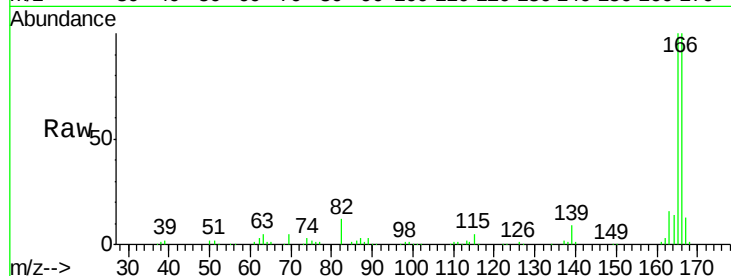




#57
Fluorene
 Concen: 39.03 ng
 RT: 13.21 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BF089575.D
 Acq: 4 Aug 2016 2:43

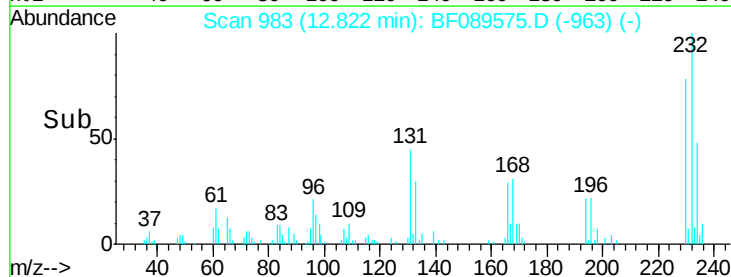
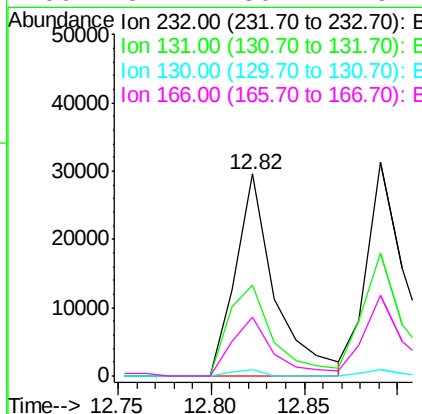
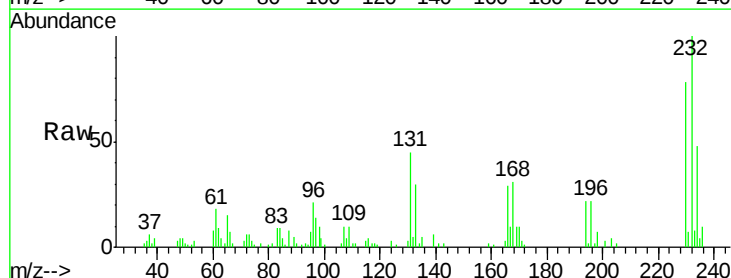
Instrument :
 BNA_F
 ClientSampled :

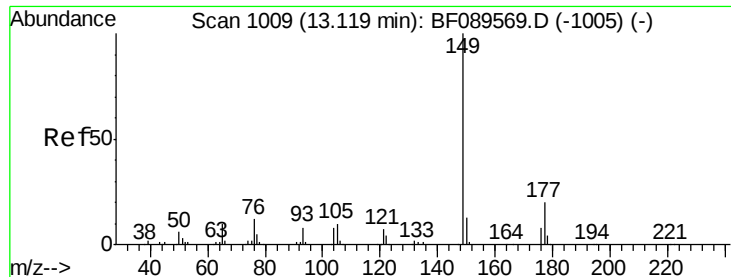
Tot Ion:166 Resp: 261299
 Ion Ratio Lower Upper
 166 100
 165 100.3 80.2 120.2
 167 13.3 10.4 15.6



#58
2,3,4,6-Tetrachlorophenol
 Concen: 35.22 ng
 RT: 12.82 min Scan# 983
 Delta R.T. -0.07 min
 Lab File: BF089575.D
 Acq: 4 Aug 2016 2:43

Tgt Ion:232 Resp: 43805
 Ion Ratio Lower Upper
 232 100
 131 52.0 47.9 71.9
 130 2.4 1.7 2.5
 166 31.1 30.2 45.2

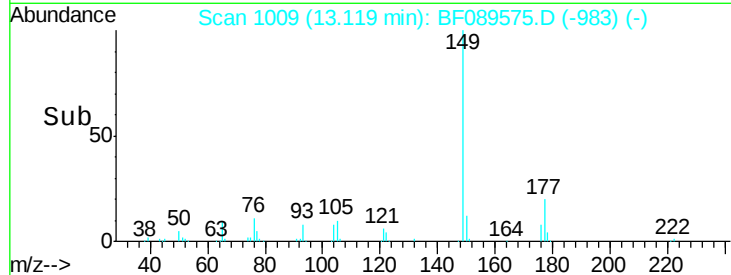
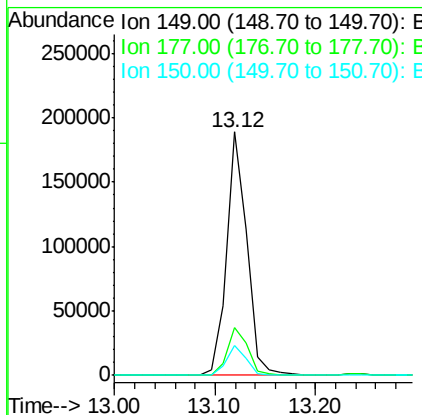
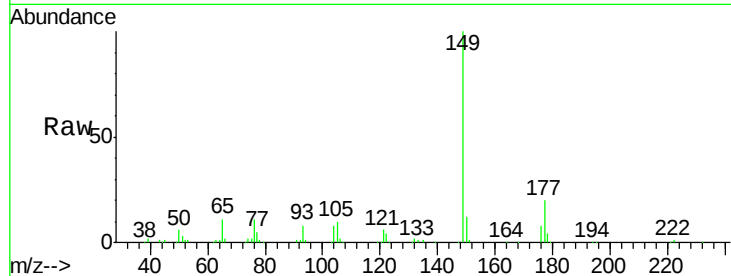




#59
Diethylphthalate
Concen: 38.12 ng
RT: 13.12 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF089575.D
Acq: 4 Aug 2016 2:43

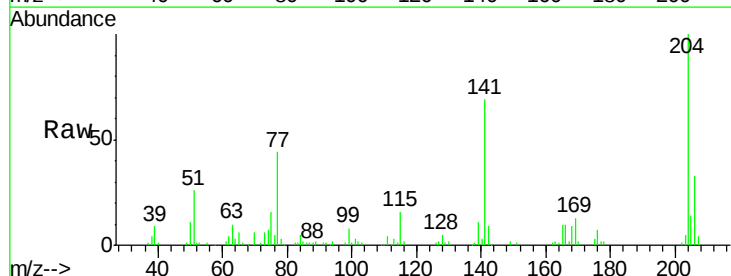
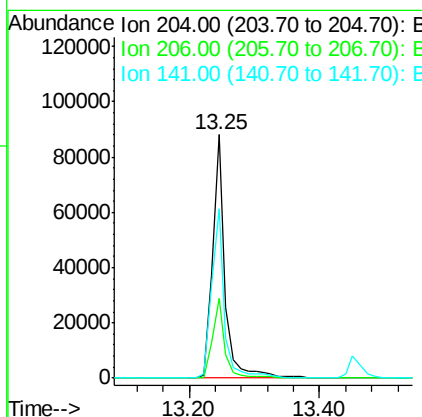
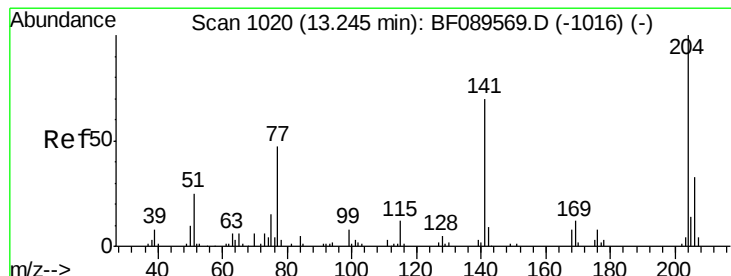
Instrument :
BNA_F
ClientSampled :

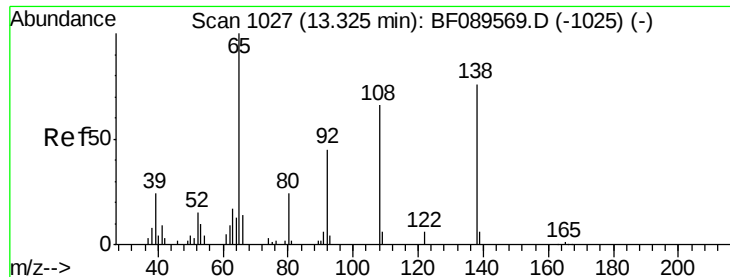
Tot Ion:149 Resp: 264596
Ion Ratio Lower Upper
149 100
177 19.5 15.8 23.8
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 39.63 ng
RT: 13.25 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF089575.D
Acq: 4 Aug 2016 2:43

Tgt Ion:204 Resp: 119229
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 69.4 56.3 84.5

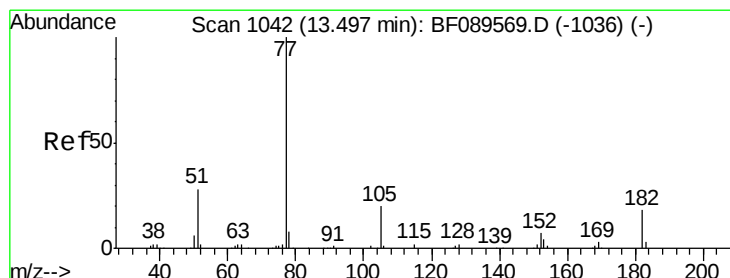
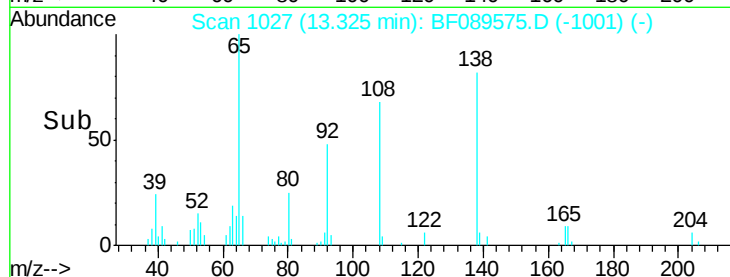
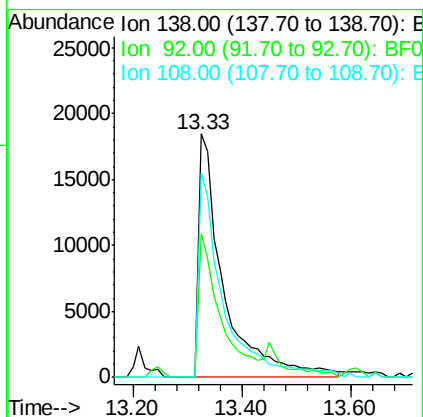
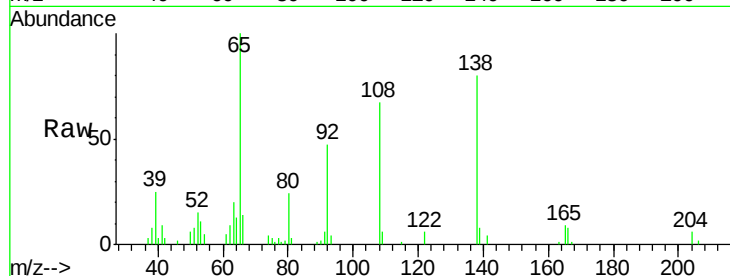




#61
4-Nitroaniline
Concen: 41.44 ng
RT: 13.33 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF089575.D
Acq: 4 Aug 2016 2:43

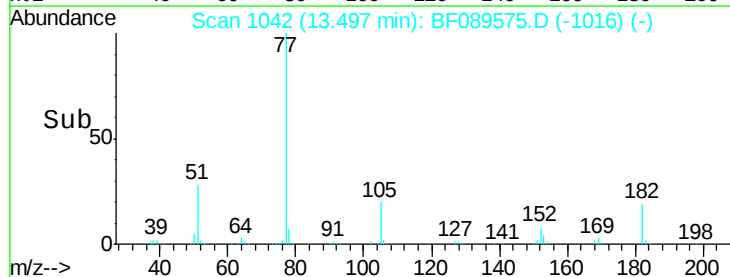
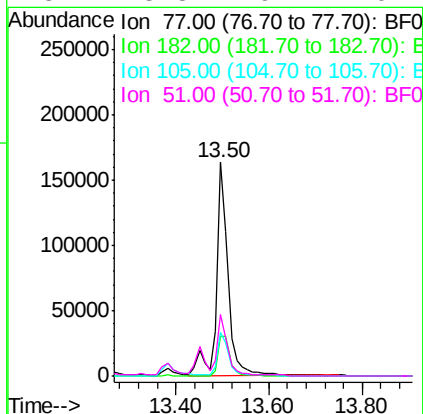
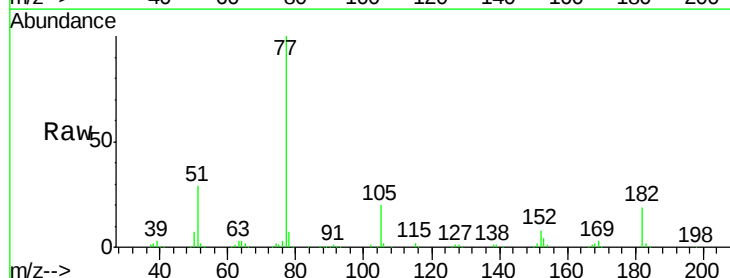
Instrument :
BNA_F
ClientSampleId :

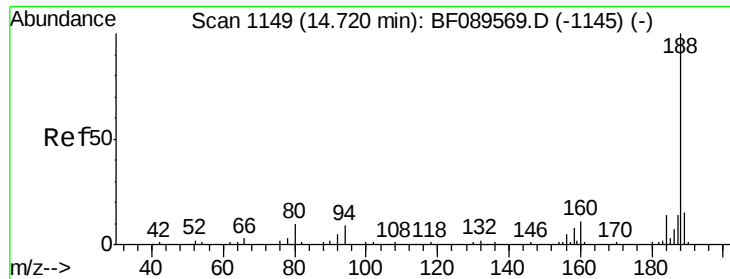
Tot Ion:138 Resp: 58687
Ion Ratio Lower Upper
138 100
92 59.3 39.5 79.5
108 83.6 66.4 106.4



#62
Azobenzene
Concen: 39.33 ng
RT: 13.50 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BF089575.D
Acq: 4 Aug 2016 2:43

Tgt Ion: 77 Resp: 279989
Ion Ratio Lower Upper
77 100
182 18.8 0.0 38.0
105 20.4 0.6 40.6
51 28.8 9.1 49.1

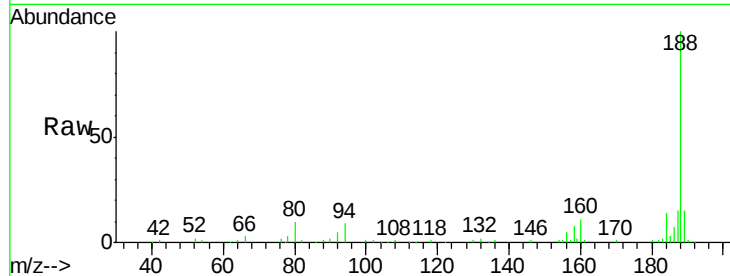




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.72 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF089575.D
 Acq: 4 Aug 2016 2:43

Instrument :
 BNA_F
 ClientSampleId :

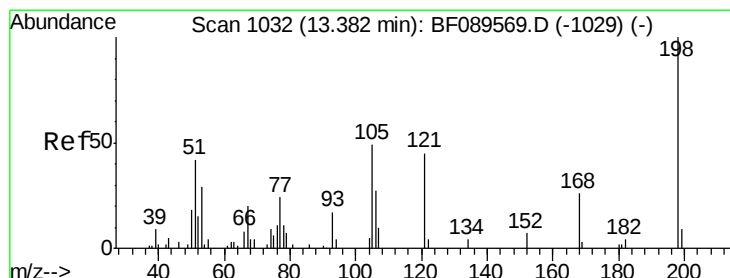
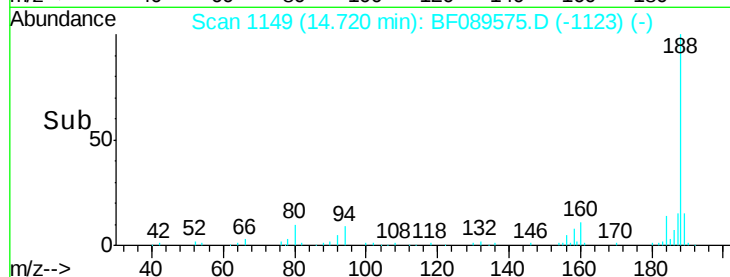
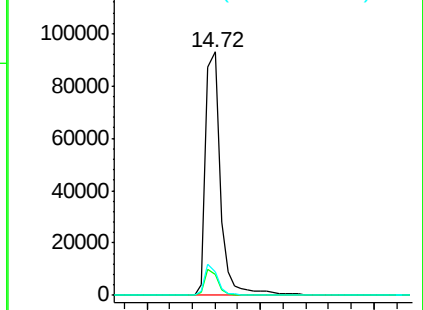
Tot Ion	188	Resp	163655
Ion Ratio	100		
Lower	7.0		
Upper	10.4		
94	8.5		
80	9.6		
7.7			
11.5			



Abundance Ion 188.00 (187.70 to 188.70): E

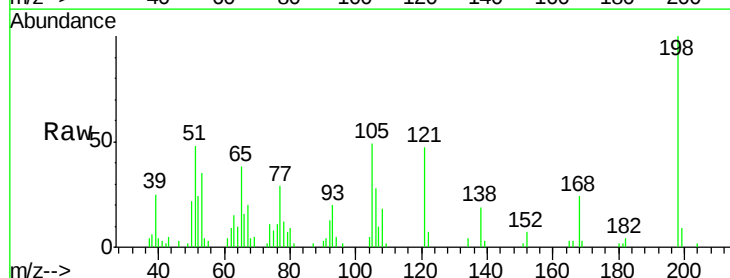
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
 4,6-Dinitro-2-methylphenol
 Concen: 38.29 ng
 RT: 13.38 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF089575.D
 Acq: 4 Aug 2016 2:43

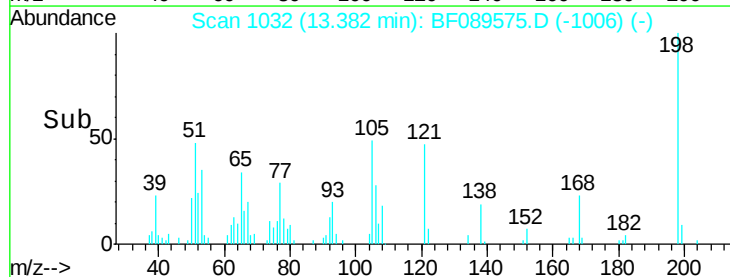
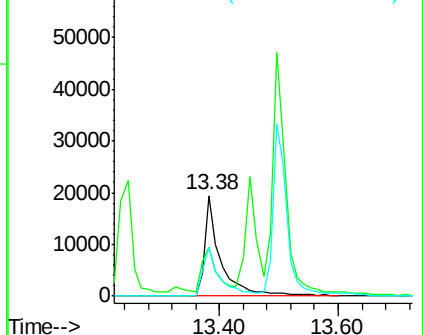
Tgt Ion	198	Resp	36503
Ion Ratio	100		
Lower	26.0		
Upper	66.0		
51	48.3		
105	48.8		
29.1			
69.1			

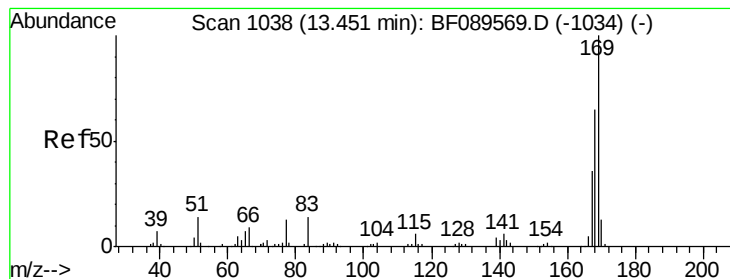


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.52 ng

RT: 13.45 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF089575.D

Acq: 4 Aug 2016 2:43

Instrument :

BNA_F

ClientSampleId :

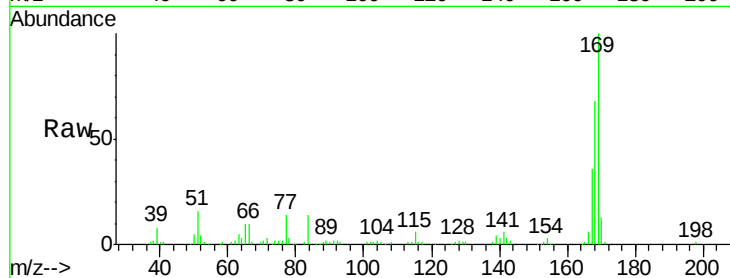
Tot Ion:169 Resp: 220406

Ion Ratio Lower Upper

169 100

168 67.7 53.0 79.4

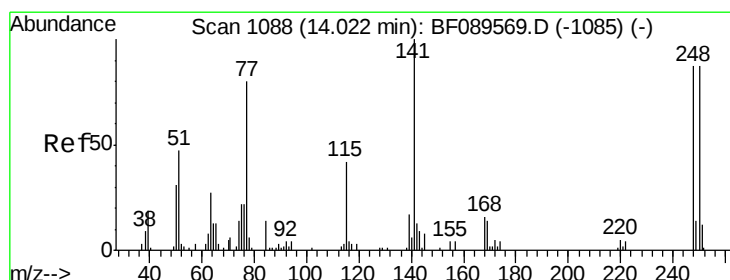
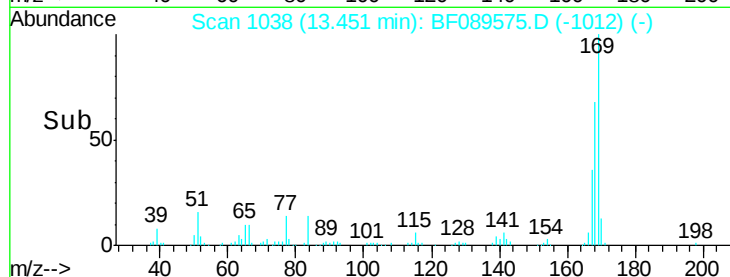
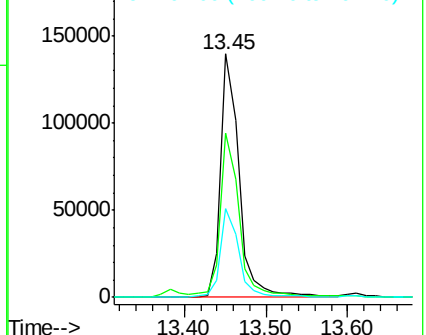
167 36.3 29.1 43.7



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: 40.80 ng

RT: 14.02 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BF089575.D

Acq: 4 Aug 2016 2:43

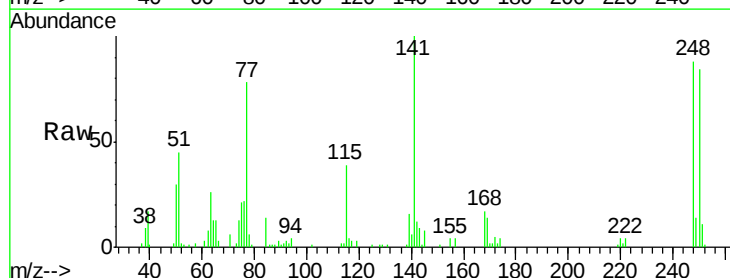
Tgt Ion:248 Resp: 65225

Ion Ratio Lower Upper

248 100

250 96.0 79.8 119.6

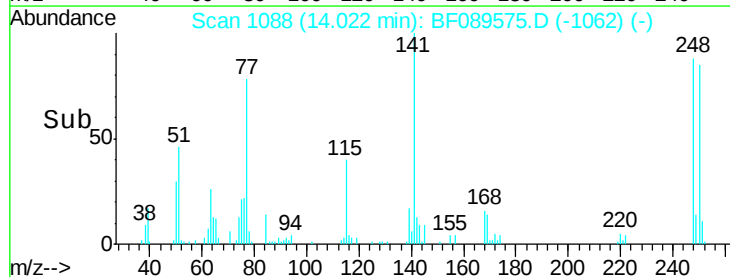
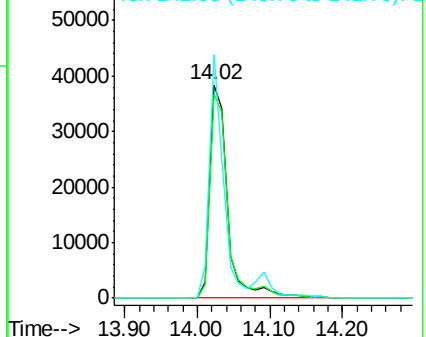
141 114.3 91.5 137.3

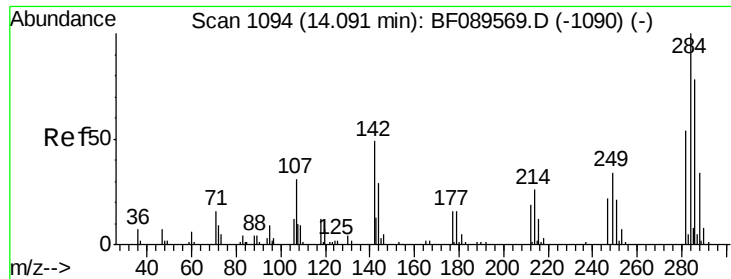


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

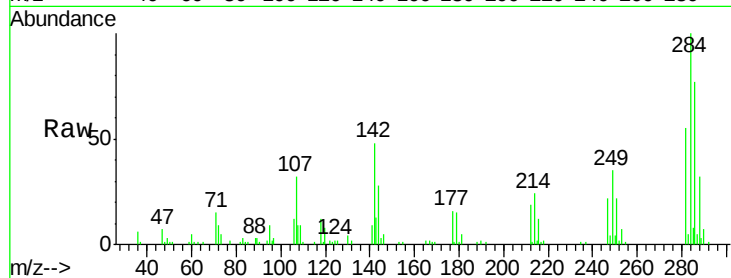




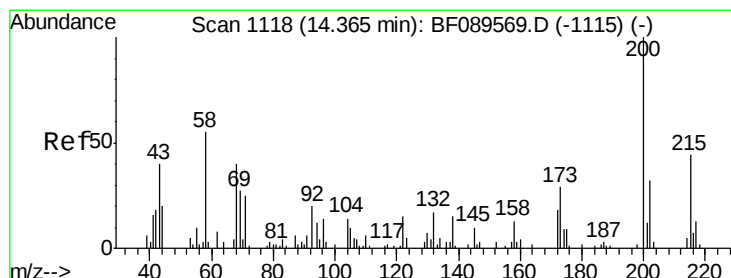
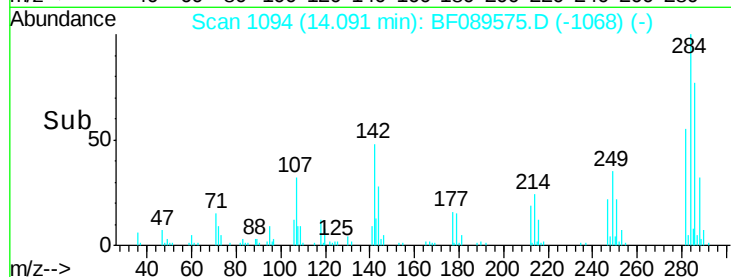
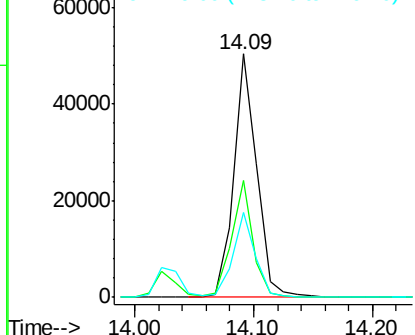
#67
Hexachlorobenzene
Concen: 39.03 ng
RT: 14.09 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BF089575.D
Acq: 4 Aug 2016 2:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 67494
Ion Ratio Lower Upper
284 100
142 47.8 40.2 60.4
249 34.6 28.9 43.3

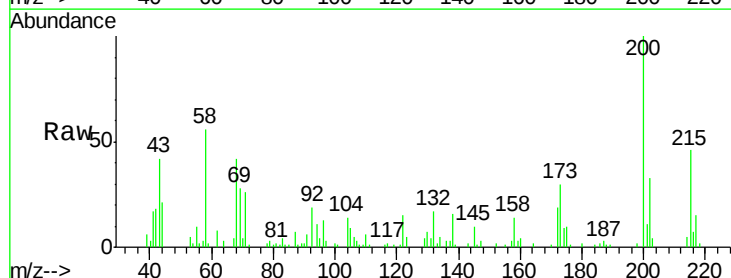


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

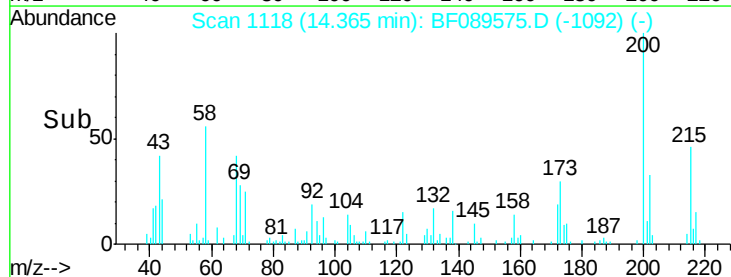
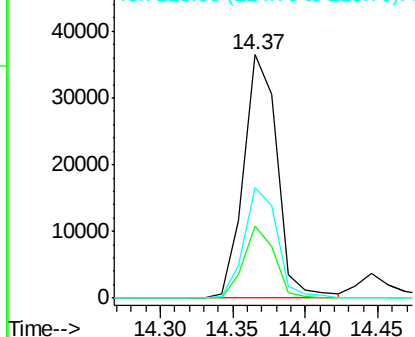


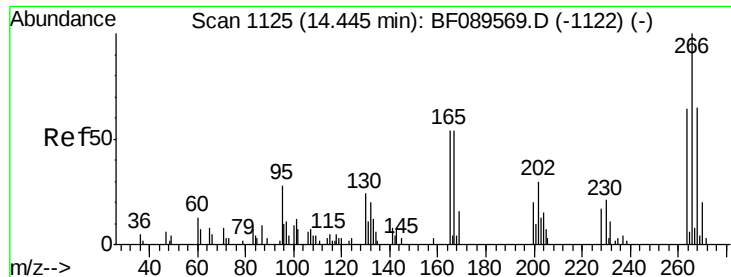
#68
Atrazine
Concen: 40.57 ng
RT: 14.37 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BF089575.D
Acq: 4 Aug 2016 2:43

Tgt Ion:200 Resp: 58546
Ion Ratio Lower Upper
200 100
173 29.9 9.1 49.1
215 45.6 23.6 63.6



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

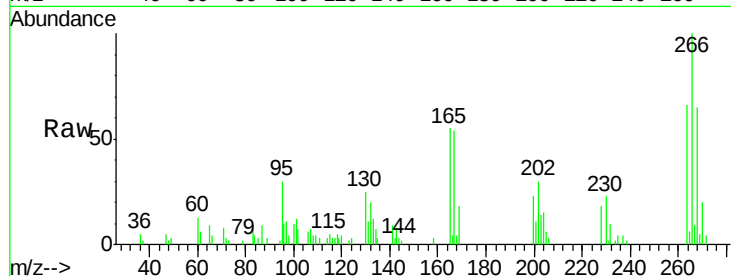




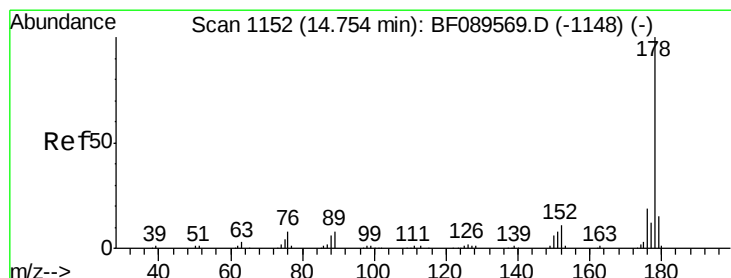
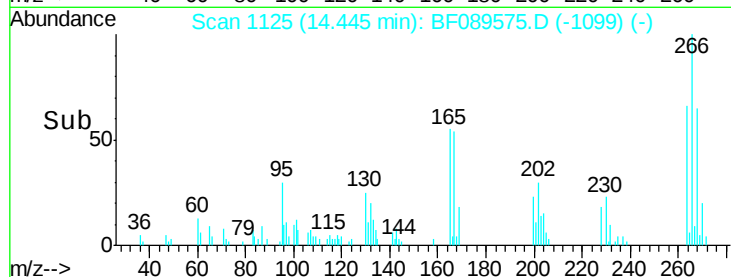
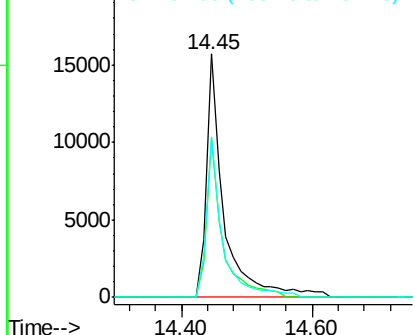
#69
 Pentachlorophenol
 Concen: 45.11 ng
 RT: 14.45 min Scan# 1125
 Delta R.T. 0.00 min
 Lab File: BF089575.D
 Acq: 4 Aug 2016 2:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 29146
 Ion Ratio Lower Upper
 266 100
 268 65.2 51.8 77.6
 264 66.0 51.2 76.8

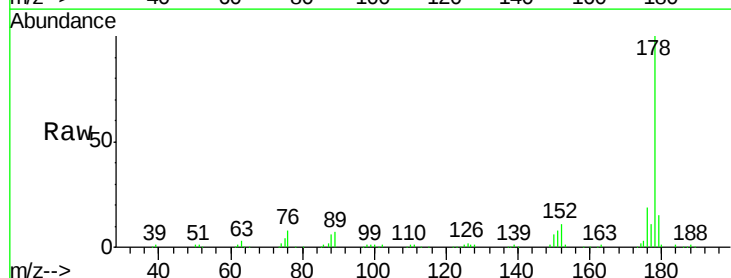


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

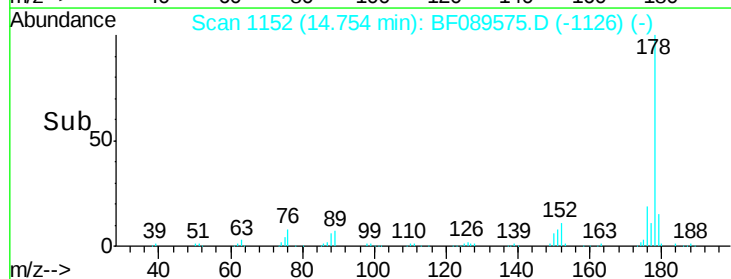
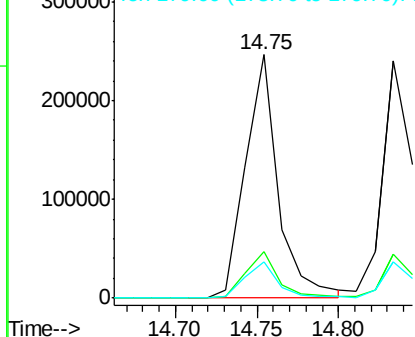


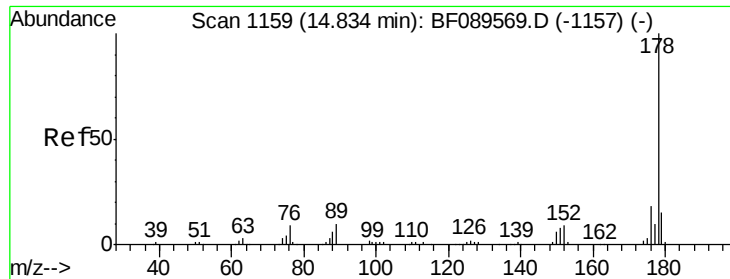
#70
 Phenanthrene
 Concen: 39.12 ng
 RT: 14.75 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BF089575.D
 Acq: 4 Aug 2016 2:43

Tgt Ion:178 Resp: 341949
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.2 22.8
 179 15.0 12.2 18.4



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

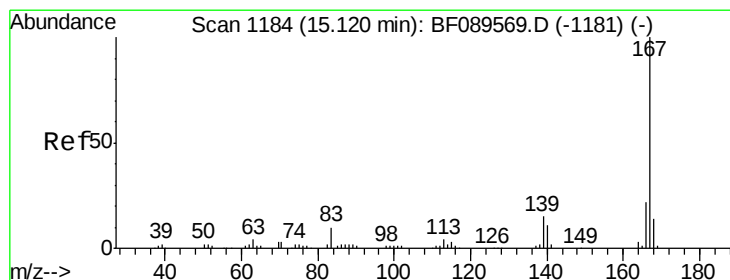
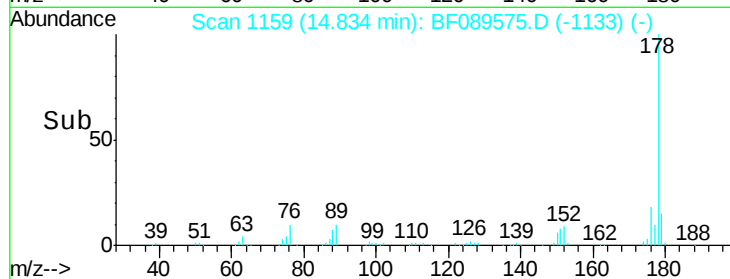
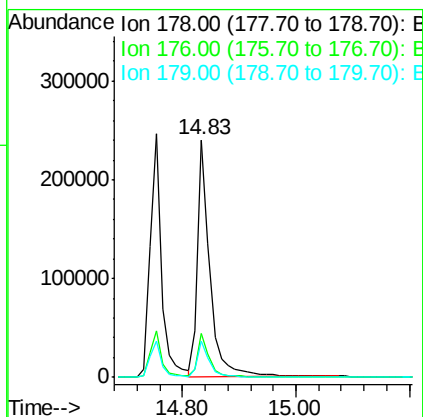
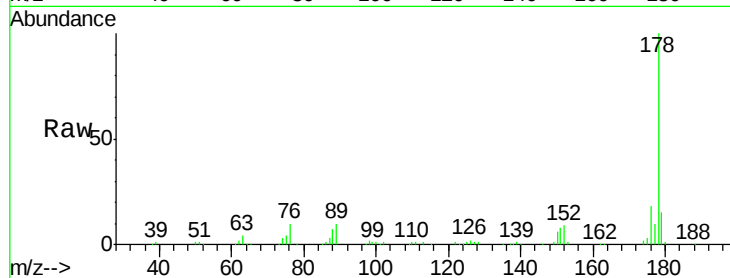




#71
 Anthracene
 Concen: 37.77 ng
 RT: 14.83 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BF089575.D
 Acq: 4 Aug 2016 2:43

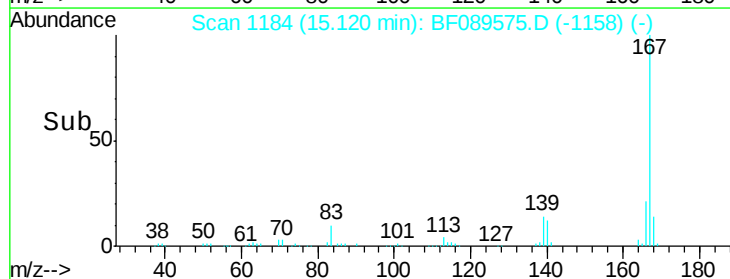
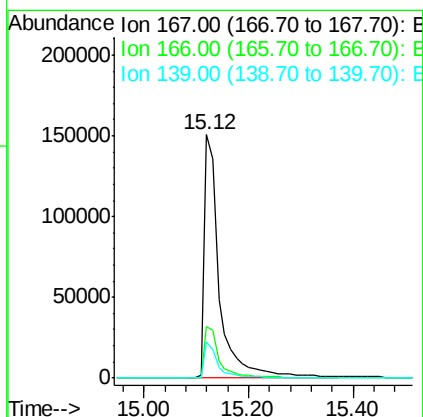
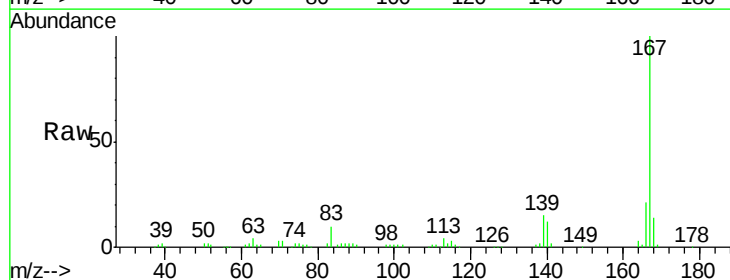
Instrument :
 BNA_F
 ClientSampleId :

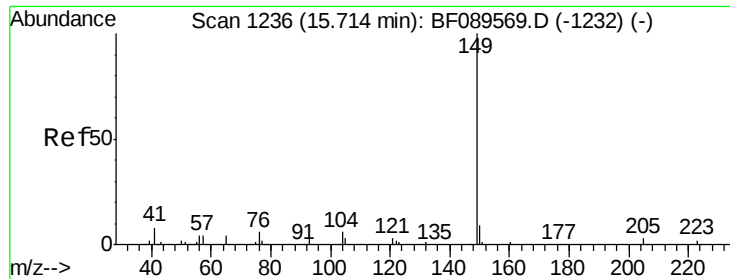
Tot Ion:178 Resp: 361034
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.7 22.1
 179 15.2 12.2 18.2



#72
 Carbazole
 Concen: 39.68 ng
 RT: 15.12 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF089575.D
 Acq: 4 Aug 2016 2:43

Tgt Ion:167 Resp: 306807
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.5 26.3
 139 14.8 11.8 17.6

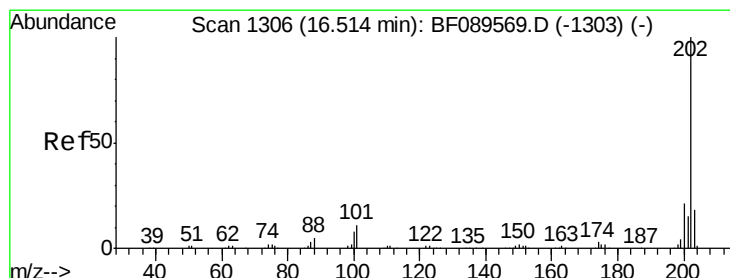
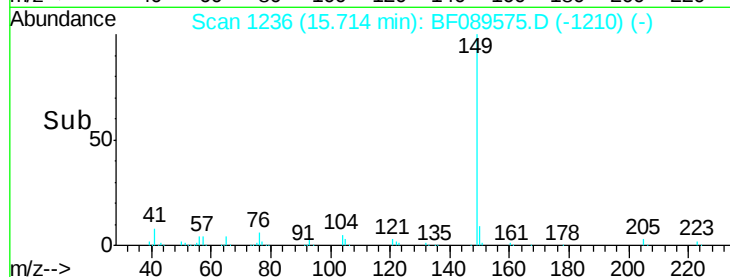
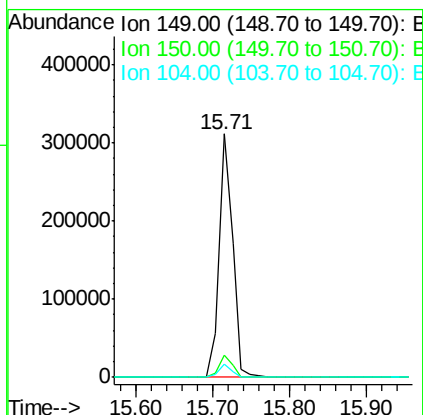
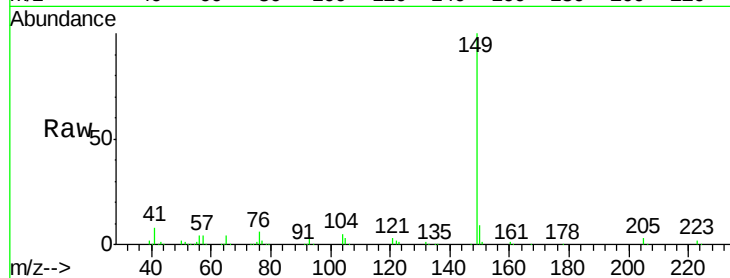




#73
Di-n-butylphthalate
Concen: 38.91 ng
RT: 15.71 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF089575.D
Acq: 4 Aug 2016 2:43

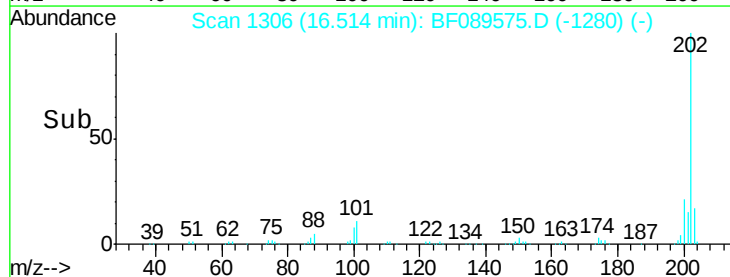
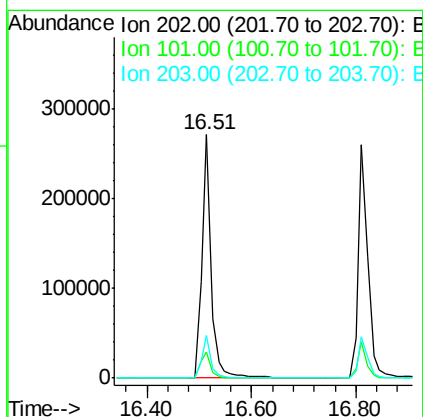
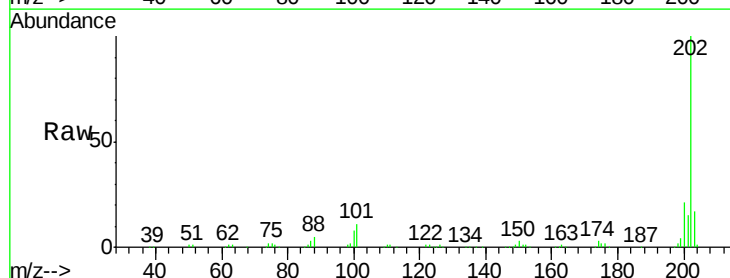
Instrument :
BNA_F
ClientSampleId :

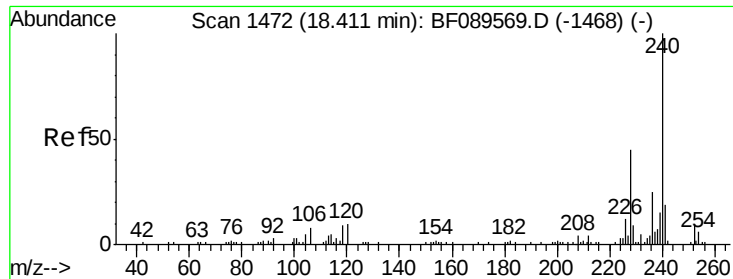
Tot Ion:149 Resp: 384770
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 5.4 4.6 7.0



#74
Fluoranthene
Concen: 38.71 ng
RT: 16.51 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF089575.D
Acq: 4 Aug 2016 2:43

Tgt Ion:202 Resp: 342450
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.0
203 17.4 0.0 37.7

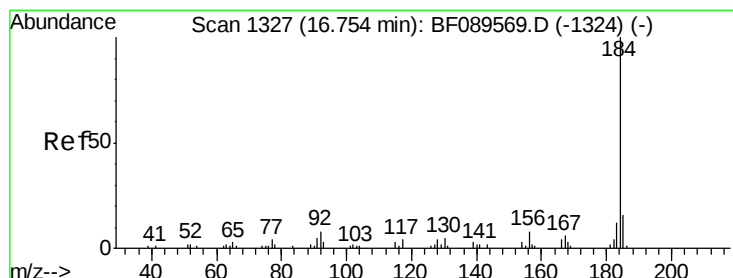
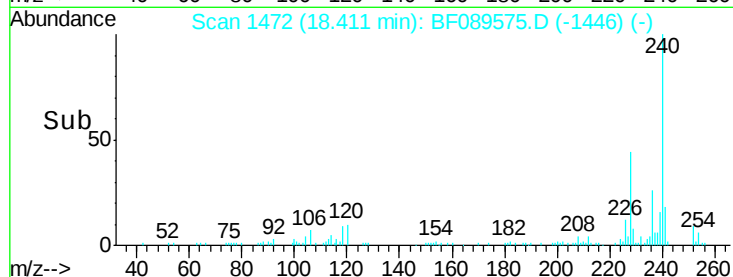
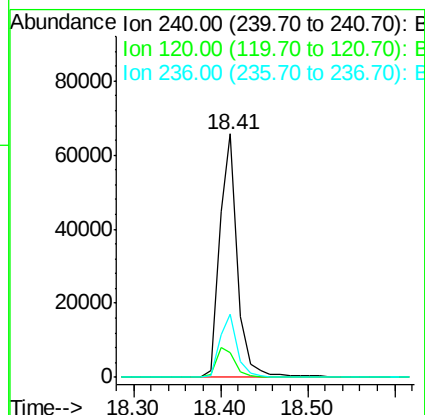
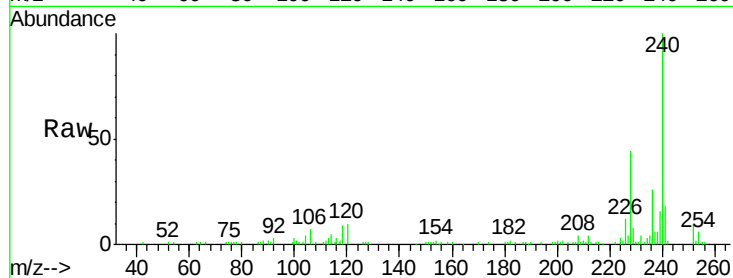




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.41 min Scan# 1472
Delta R.T. 0.00 min
Lab File: BF089575.D
Acq: 4 Aug 2016 2:43

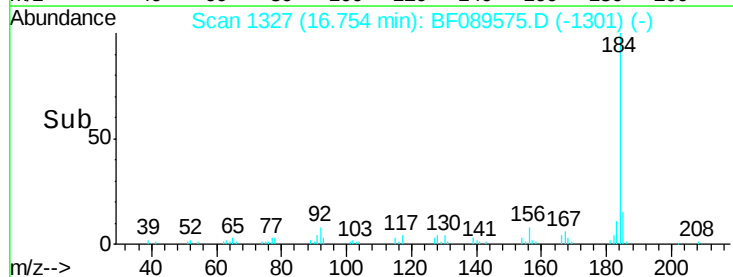
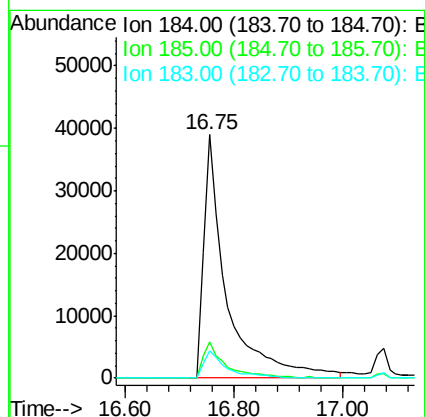
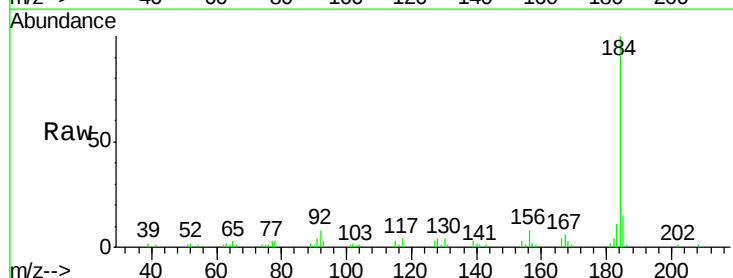
Instrument :
BNA_F
ClientSampleId :

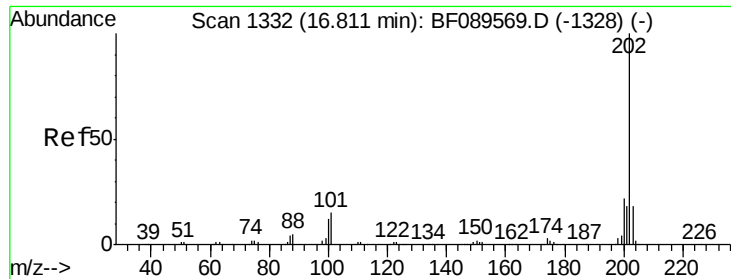
Tot Ion:240 Resp: 93894
Ion Ratio Lower Upper
240 100
120 10.2 8.2 12.2
236 25.8 20.3 30.5



#76
Benzidine
Concen: 44.40 ng
RT: 16.75 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF089575.D
Acq: 4 Aug 2016 2:43

Tgt Ion:184 Resp: 113693
Ion Ratio Lower Upper
184 100
185 15.1 13.1 19.7
183 11.5 9.6 14.4

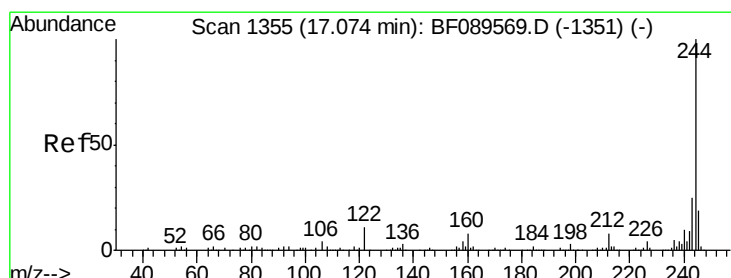
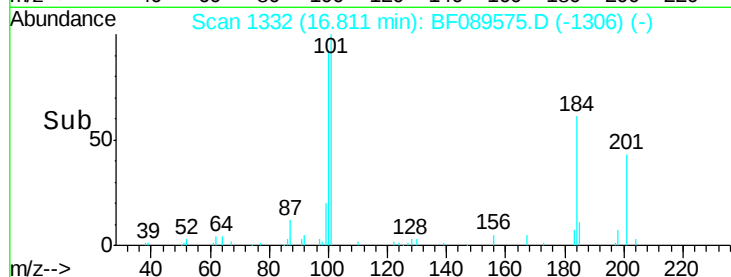
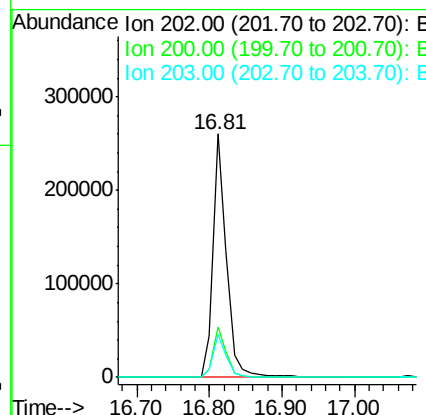
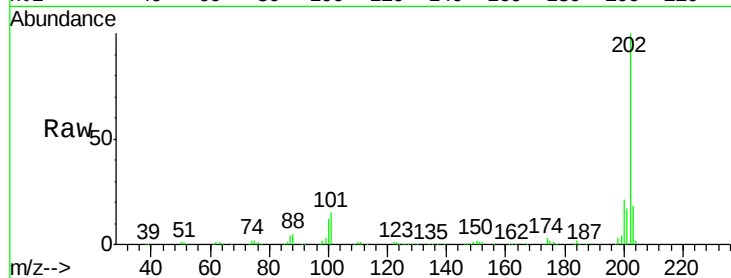




#77
Pvrene
Concen: 40.00 ng
RT: 16.81 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF089575.D
Acq: 4 Aug 2016 2:43

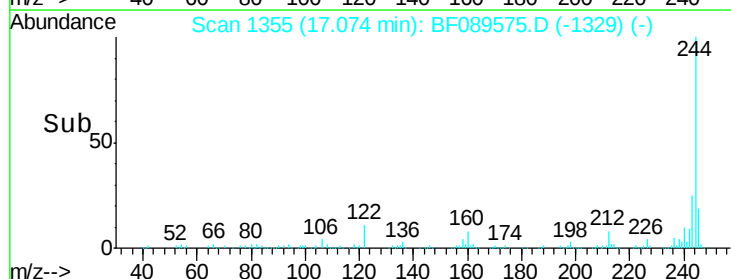
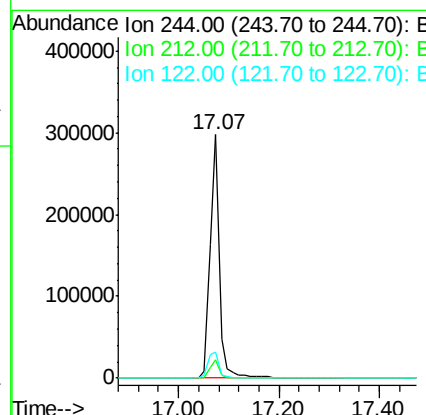
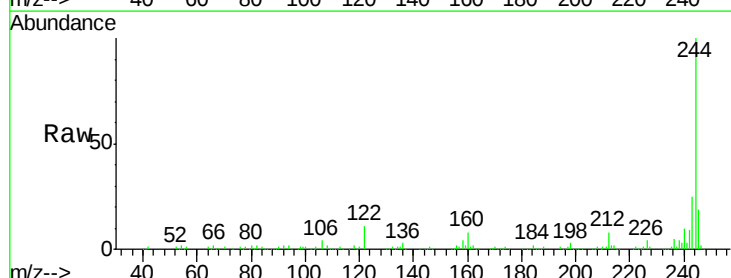
Instrument :
BNA_F
ClientSampleId :

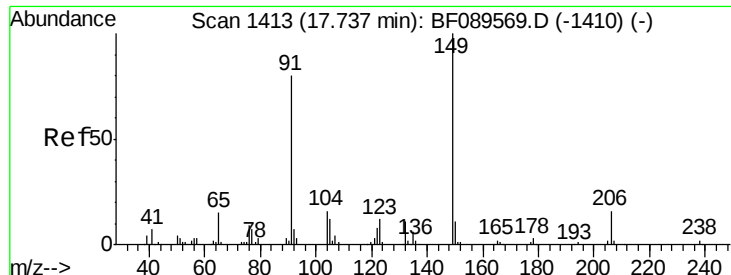
Tot Ion:202 Resp: 333853
Ion Ratio Lower Upper
202 100
200 20.9 17.2 25.8
203 17.6 14.2 21.2



#78
Terphenyl-d14
Concen: 81.64 ng
RT: 17.07 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF089575.D
Acq: 4 Aug 2016 2:43

Tgt Ion:244 Resp: 382061
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.4
122 10.7 8.5 12.7

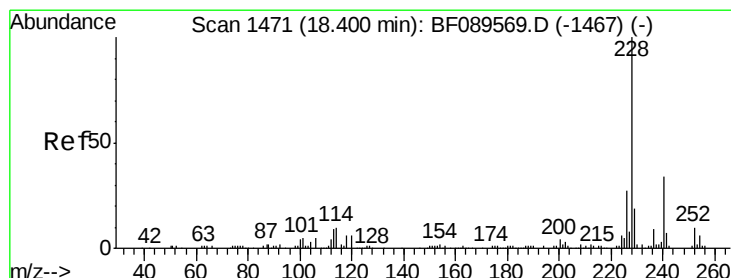
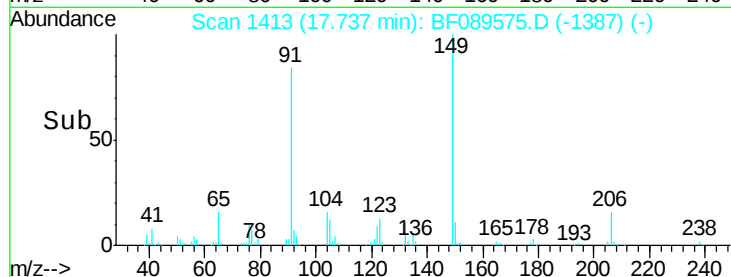
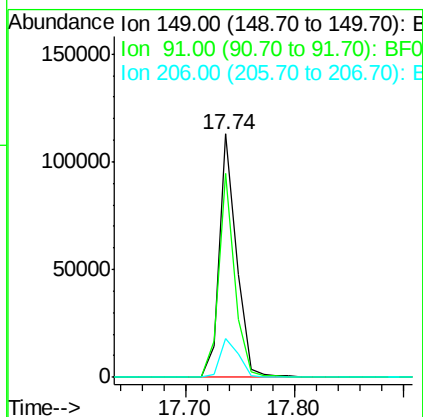
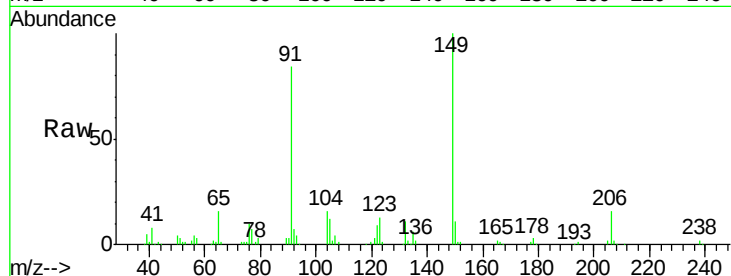




#79
Butylbenzylphthalate
Concen: 39.91 ng
RT: 17.74 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF089575.D
Acq: 4 Aug 2016 2:43

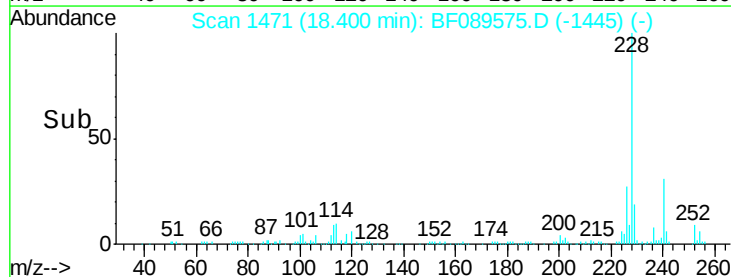
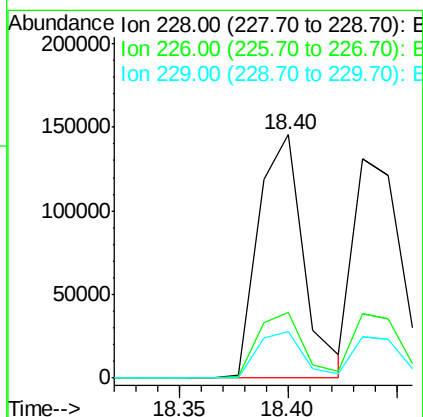
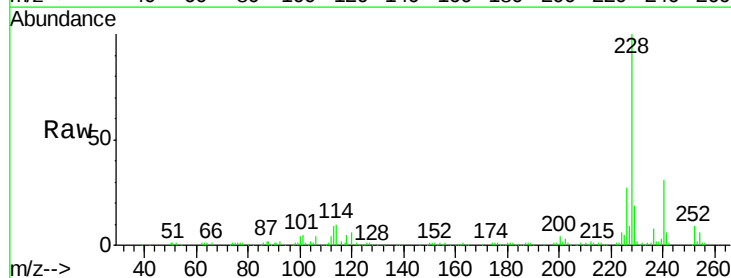
Instrument :
BNA_F
ClientSampled :

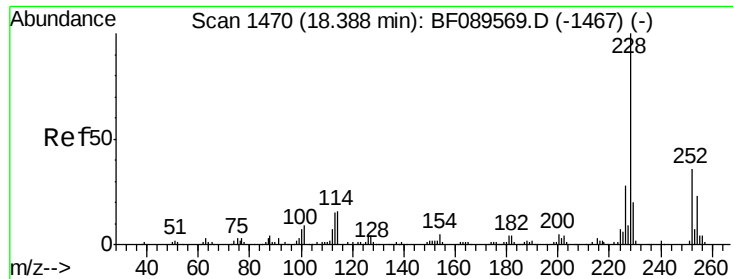
Tot Ion:149 Resp: 125017
Ion Ratio Lower Upper
149 100
91 83.8 63.6 95.4
206 15.8 12.8 19.2



#80
Benzo(a)anthracene
Concen: 38.81 ng
RT: 18.40 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BF089575.D
Acq: 4 Aug 2016 2:43

Tgt Ion:228 Resp: 212352
Ion Ratio Lower Upper
228 100
226 27.0 21.5 32.3
229 19.0 15.1 22.7

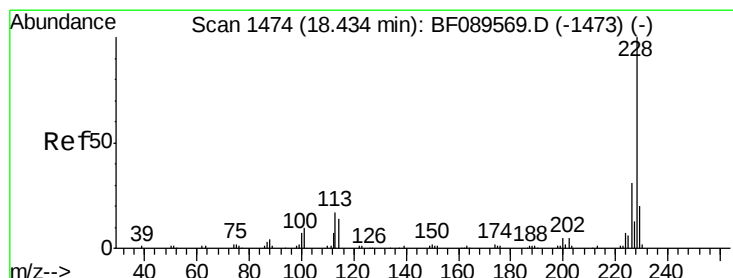
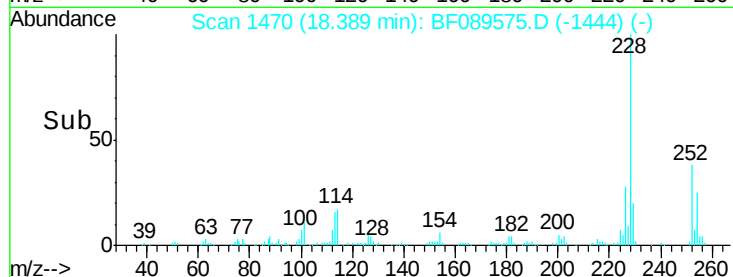
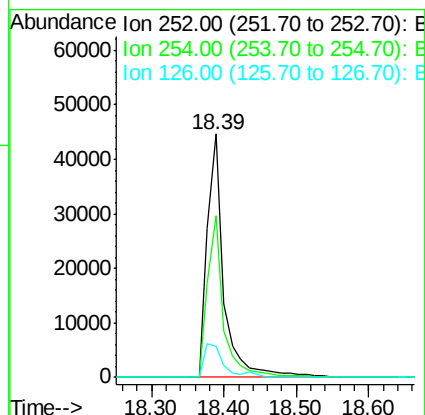
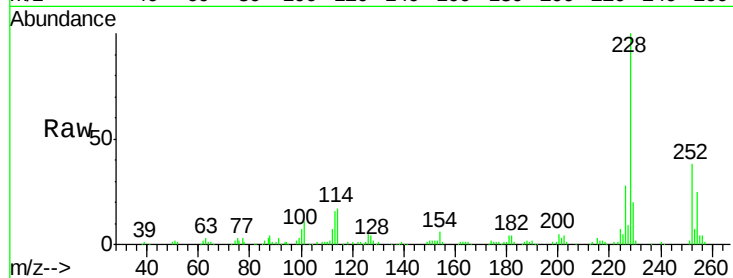




#81
 3,3'-Dichlorobenzidine
 Concen: 41.28 ng
 RT: 18.39 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: BF089575.D
 Acq: 4 Aug 2016 2:43

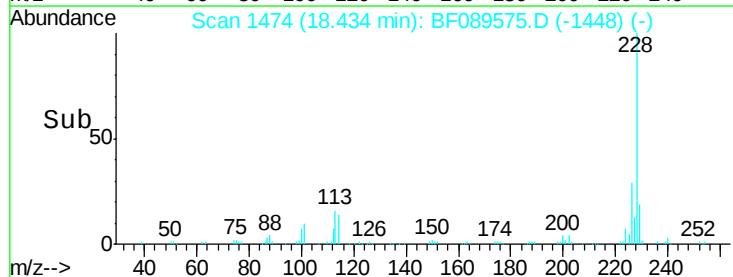
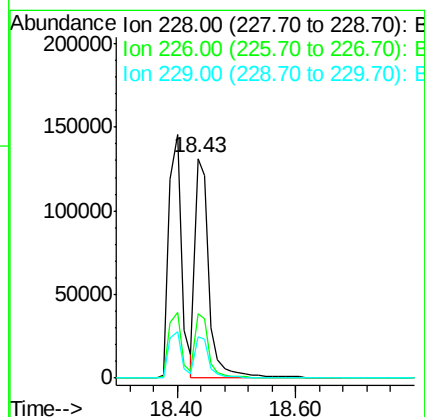
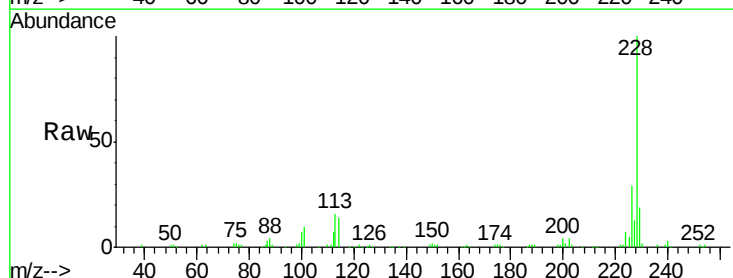
Instrument :
 BNA_F
 ClientSampleId :

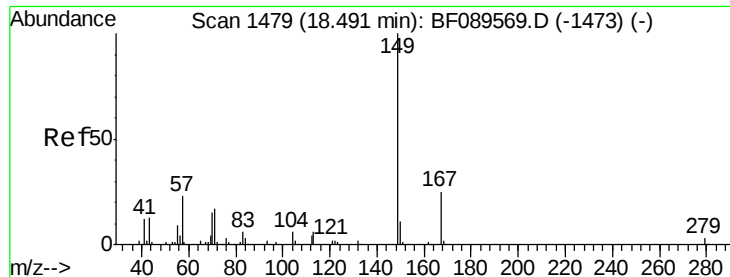
Tot Ion:252 Resp: 70787
 Ion Ratio Lower Upper
 252 100
 254 66.5 51.6 77.4
 126 12.9 10.1 15.1



#82
 Chrysene
 Concen: 38.43 ng
 RT: 18.43 min Scan# 1474
 Delta R.T. 0.00 min
 Lab File: BF089575.D
 Acq: 4 Aug 2016 2:43

Tgt Ion:228 Resp: 216776
 Ion Ratio Lower Upper
 228 100
 226 29.3 24.3 36.5
 229 18.9 15.7 23.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.59 ng

RT: 18.49 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BF089575.D

Acq: 4 Aug 2016 2:43

Instrument :

BNA_F

ClientSampleId :

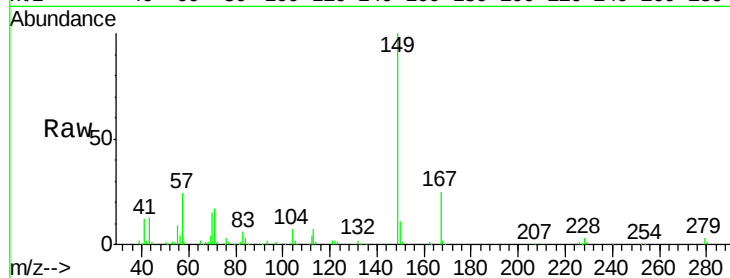
Tot Ion:149 Resp: 171363

Ion Ratio Lower Upper

149 100

167 25.2 19.7 29.5

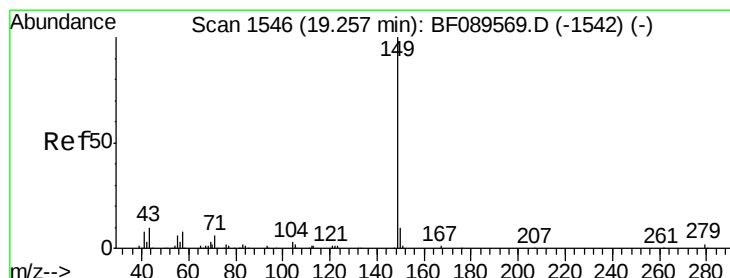
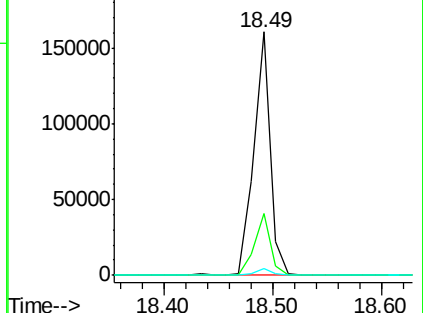
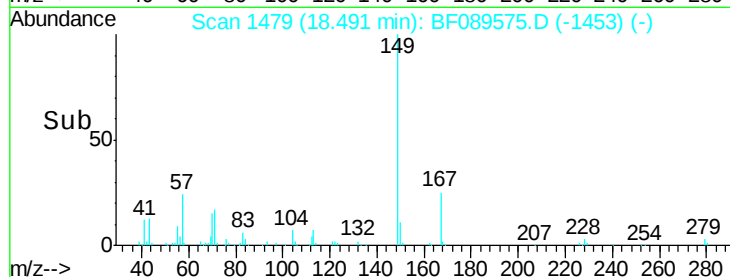
279 2.8 2.3 3.5



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: 39.39 ng

RT: 19.26 min Scan# 1546

Delta R.T. 0.00 min

Lab File: BF089575.D

Acq: 4 Aug 2016 2:43

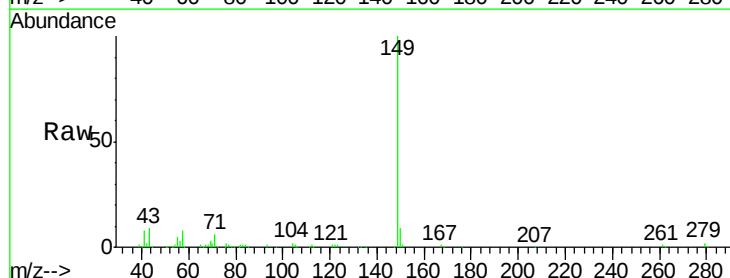
Tgt Ion:149 Resp: 252081

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

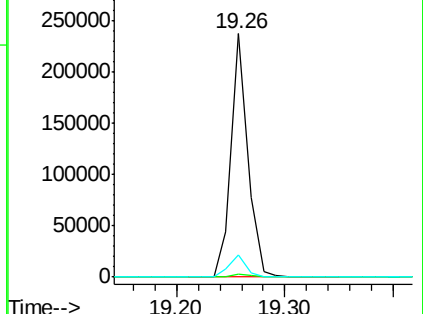
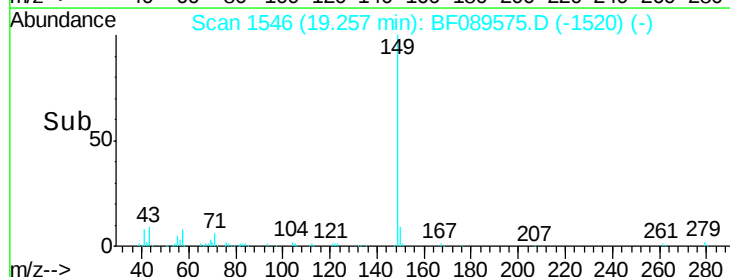
43 9.3 7.3 10.9

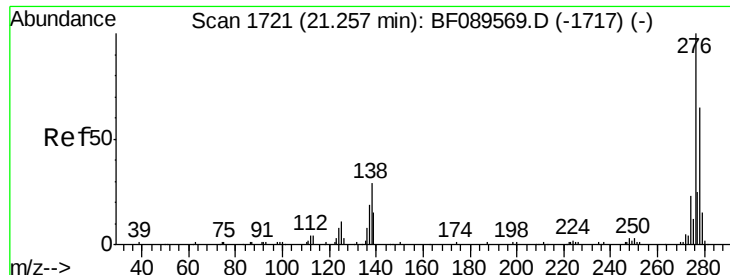


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

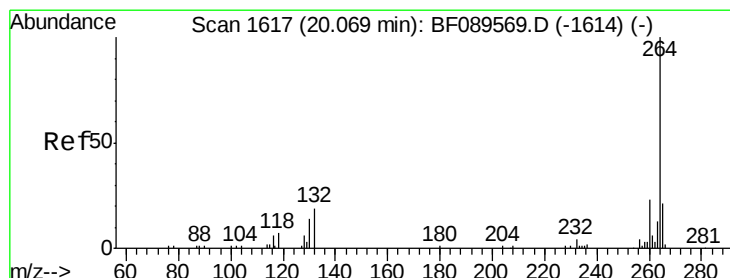
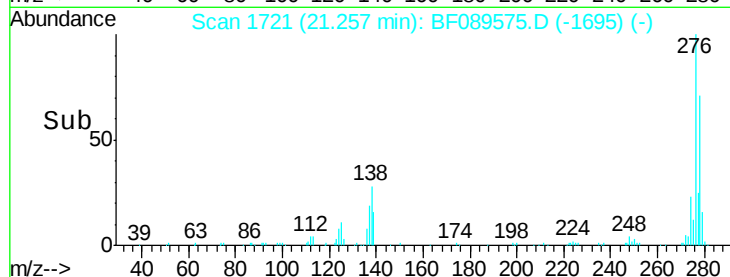
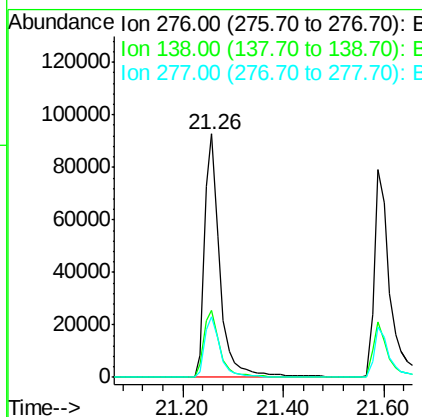
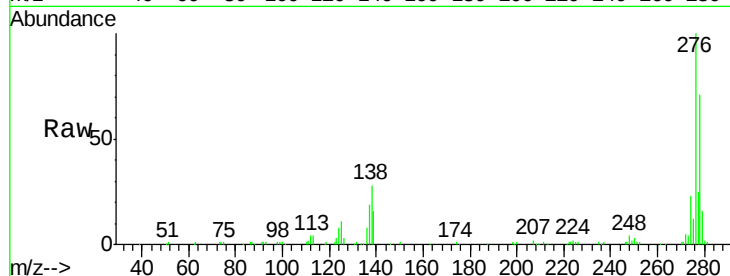




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.48 ng
 RT: 21.26 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BF089575.D
 Acq: 4 Aug 2016 2:43

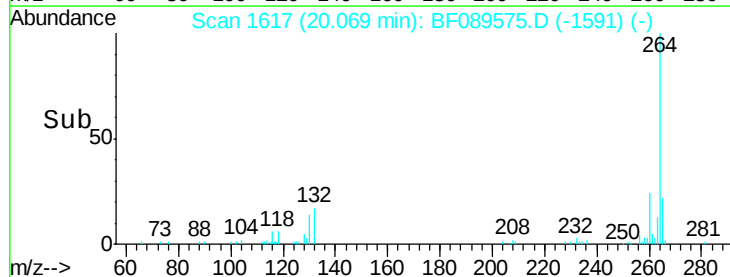
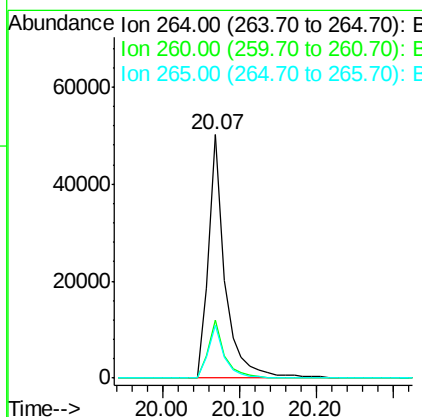
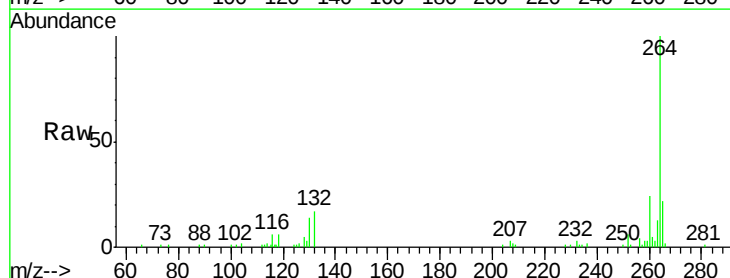
Instrument :
 BNA_F
 ClientSampleId :

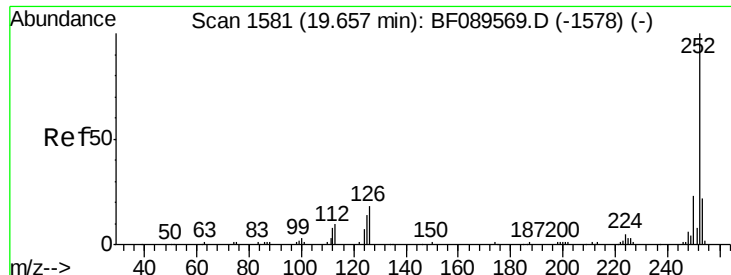
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.4	23.5	35.3
277	25.3	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.07 min Scan# 1617
 Delta R.T. 0.00 min
 Lab File: BF089575.D
 Acq: 4 Aug 2016 2:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.5	27.7
265	21.7	16.6	25.0

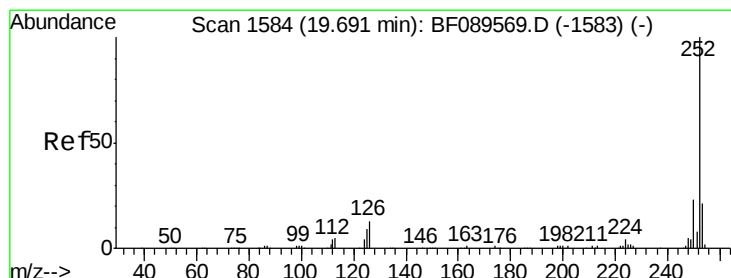
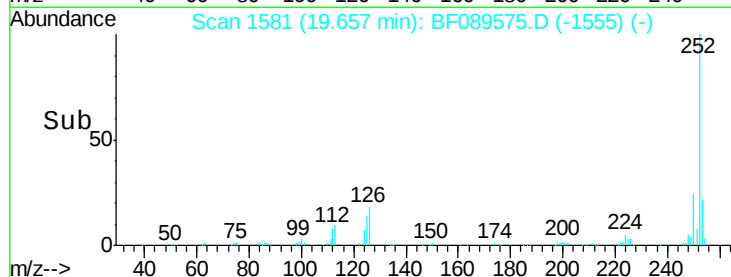
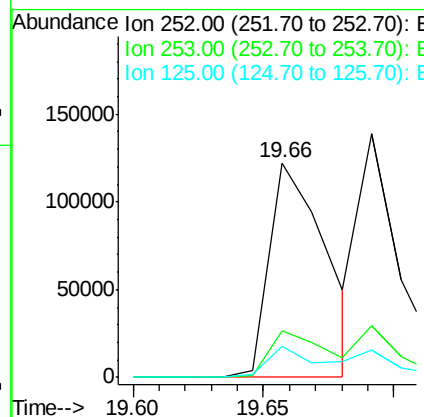
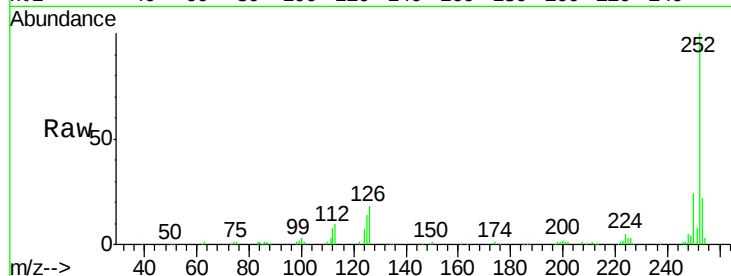




#87
Benzo(b)fluoranthene
Concen: 40.42 ng
RT: 19.66 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BF089575.D
Acq: 4 Aug 2016 2:43

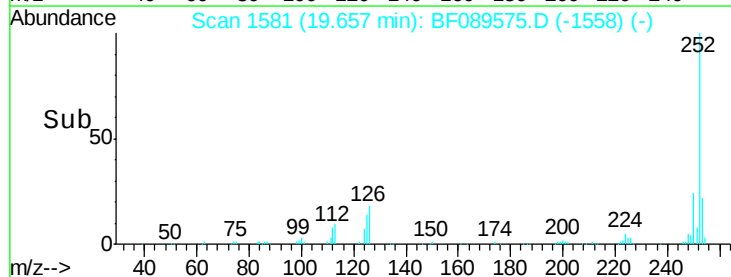
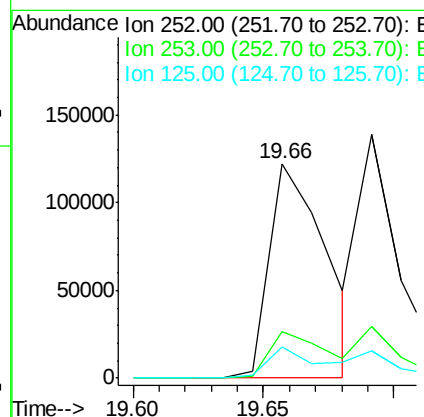
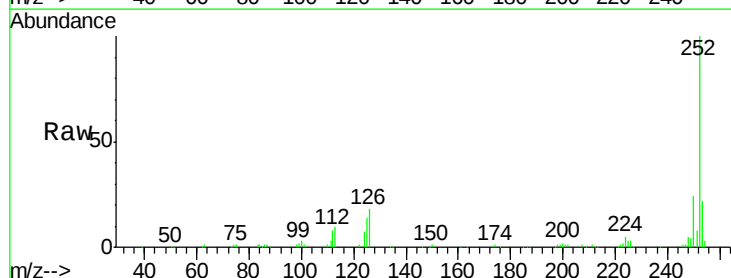
Instrument :
BNA_F
ClientSampleId :

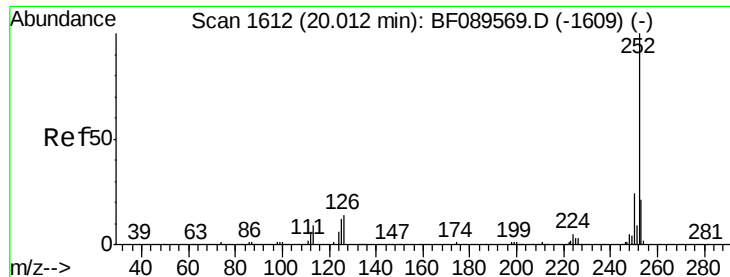
Tot Ion:252 Resp: 185626
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 14.3 11.0 16.4



#88
Benzo(k)fluoranthene
Concen: 41.15 ng
RT: 19.66 min Scan# 1581
Delta R.T. -0.03 min
Lab File: BF089575.D
Acq: 4 Aug 2016 2:43

Tgt Ion:252 Resp: 185626
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 14.3 9.3 13.9#





#89

Benzo(a)pyrene

Concen: 38.64 ng

RT: 20.01 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BF089575.D

Acq: 4 Aug 2016 2:43

Instrument :

BNA_F

ClientSampleId :

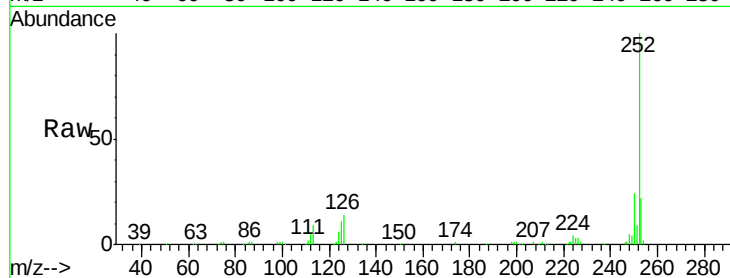
Tot Ion:252 Resp: 164558

Ion Ratio Lower Upper

252 100

253 21.8 16.6 24.8

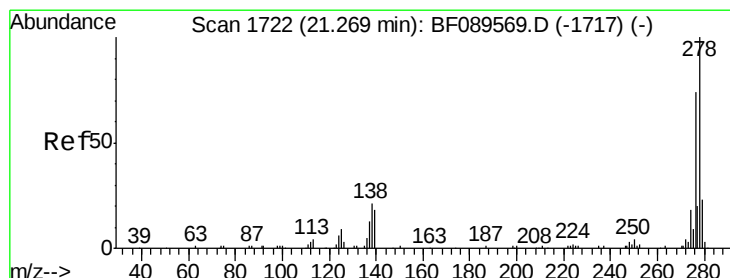
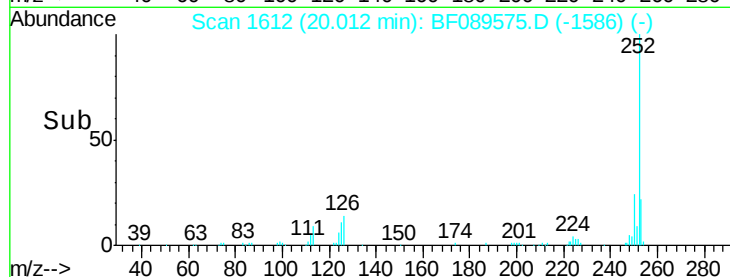
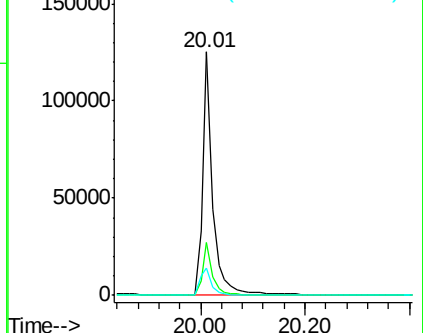
125 11.2 9.4 14.0



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: 42.28 ng

RT: 21.27 min Scan# 1722

Delta R.T. 0.00 min

Lab File: BF089575.D

Acq: 4 Aug 2016 2:43

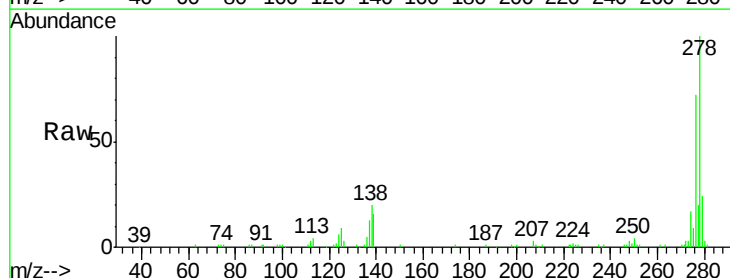
Tgt Ion:278 Resp: 170412

Ion Ratio Lower Upper

278 100

139 16.5 14.1 21.1

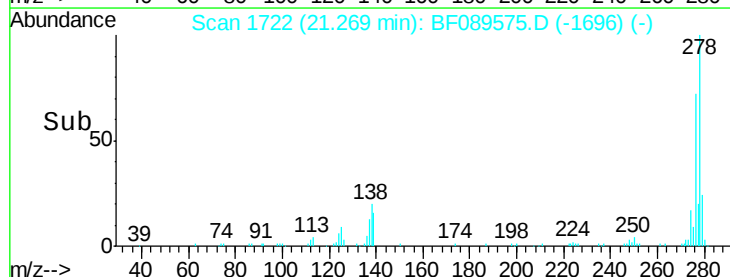
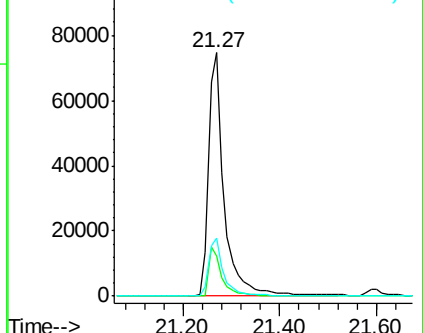
279 24.0 18.7 28.1

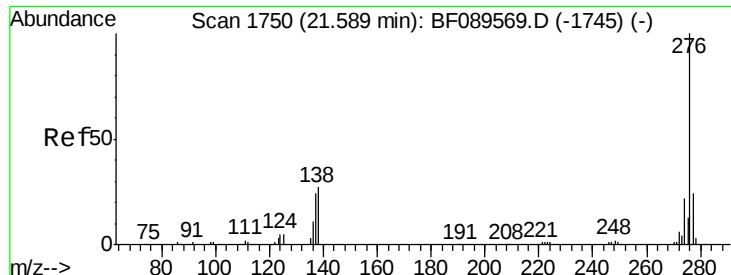


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

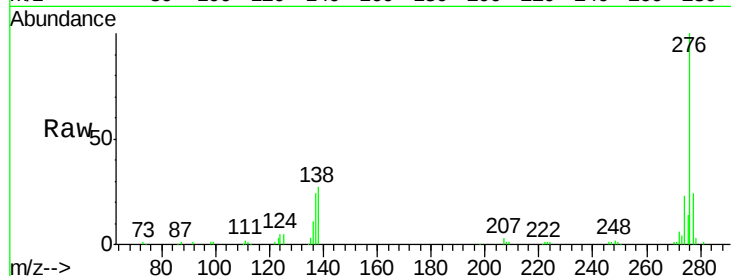




#91
 Benzo(a,h,i)perylene
 Concen: 41.78 ng
 RT: 21.59 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: BF089575.D
 Acq: 4 Aug 2016 2:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 276 Resp: 176471
 Ion Ratio Lower Upper
 276 100
 277 24.0 19.0 28.6
 138 26.9 21.7 32.5



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

