

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
 Data File : BF088272.D
 Acq On : 23 Jun 2016 3:35
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 23 04:27:54 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	82687	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	327118	20.00	ng	0.00
38) Acenaphthene-d10	9.64	164	142002	20.00	ng	0.00
63) Phenanthrene-d10	11.12	188	216121	20.00	ng	0.00
75) Chrysene-d12	13.75	240	165759	20.00	ng	0.00
86) Perylene-d12	15.11	264	141399	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	406328	84.01	ng	0.01
7) Phenol-d6	6.27	99	448008	76.43	ng	0.01
23) Nitrobenzene-d5	7.19	82	438604	78.30	ng	0.01
41) 2,4,6-Tribromophenol	10.43	330	90420	60.30	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	732161	80.72	ng	0.00
78) Terphenyl-d14	12.70	244	538657	73.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.01	88	92695	39.44	ng	# 44
3) Pyridine	2.65	79	249321	44.93	ng	99
4) n-Nitrosodimethylamine	2.62	42	85494	36.38	ng	80
6) Aniline	6.27	93	284432	34.09	ng	# 73
8) 2-Chlorophenol	6.40	128	222081	38.79	ng	81
9) Benzaldehyde	6.15	77	140752	38.17	ng	94
10) Phenol	6.28	94	283669	46.98	ng	97
11) bis(2-Chloroethyl)ether	6.35	93	224695	43.72	ng	85
12) 1,3-Dichlorobenzene	6.78	146	221075	35.99	ng	98
13) 1,4-Dichlorobenzene	6.63	146	246916	39.90	ng	96
14) 1,2-Dichlorobenzene	6.63	146	246916	43.88	ng	100
15) Benzyl Alcohol	6.76	79	147417	32.15	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.90	45	234108	33.71	ng	66
17) 2-Methylphenol	6.89	107	170113	36.64	ng	95
18) Hexachloroethane	7.12	117	70208	31.98	ng	# 89
19) n-Nitroso-di-n-propylamine	7.04	70	144463	38.52	ng	# 87
20) 3+4-Methylphenols	7.05	107	223087	41.18	ng	# 77
22) Acetophenone	7.03	105	295249	40.39	ng	# 97
24) Nitrobenzene	7.20	77	204175	37.63	ng	88
25) Isophorone	7.44	82	383412	36.95	ng	97
26) 2-Nitrophenol	7.52	139	106790	36.74	ng	# 81
27) 2,4-Dimethylphenol	7.58	122	203190	37.97	ng	98
28) bis(2-Chloroethoxy)methane	7.66	93	241253	37.49	ng	# 96
29) 2,4-Dichlorophenol	7.77	162	179433	40.15	ng	95
30) 1,2,4-Trichlorobenzene	7.84	180	183440	37.70	ng	99
31) Naphthalene	7.92	128	642150	39.67	ng	99
32) Benzoic acid	7.72	122	85828	29.12	ng	94
33) 4-Chloroaniline	7.98	127	257537	35.63	ng	98
34) Hexachlorobutadiene	8.03	225	96024	37.42	ng	98
35) Caprolactam	8.36	113	59399	40.13	ng	# 70
36) 4-Chloro-3-methylphenol	8.48	107	181939	38.07	ng	97
37) 2-Methylnaphthalene	8.71	142	386896	36.26	ng	94
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	170469	46.73	ng	# 1
40) Hexachlorocyclopentadiene	8.76	237	10070	4.40	ng	95

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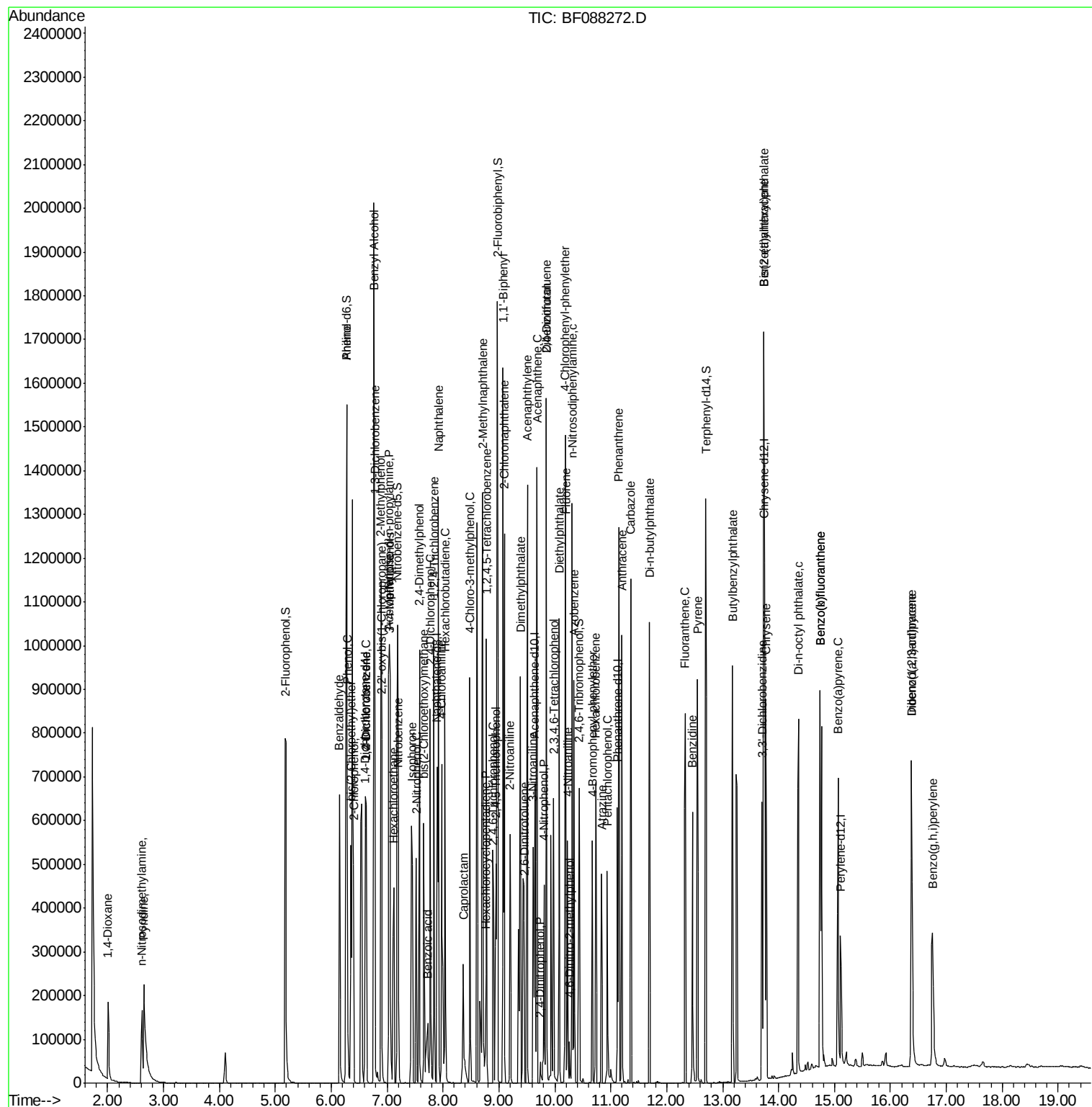
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	107119	37.72	nq	99
43) 2,4,5-Trichlorophenol	8.95	196	106482	36.04	nq	99
45) 1,1'-Biphenyl	9.07	154	481998	45.26	nq	98
46) 2-Chloronaphthalene	9.10	162	373726	40.67	nq	97
47) 2-Nitroaniline	9.20	65	97494	35.97	nq	89
48) Acenaphthylene	9.51	152	553443	37.86	nq	100
49) Dimethylphthalate	9.38	163	419178	40.75	nq	100
50) 2,6-Dinitrotoluene	9.45	165	89911	38.17	nq	# 88
51) Acenaphthene	9.68	154	334855	36.72	nq	98
52) 3-Nitroaniline	9.61	138	102523	37.72	nq	99
53) 2,4-Dinitrophenol	9.74	184	11716	13.78	nq	# 86
54) Dibenzofuran	9.85	168	473953	37.74	nq	94
55) 4-Nitrophenol	9.80	139	87112	41.29	nq	# 77
56) 2,4-Dinitrotoluene	9.85	165	99493	32.86	nq	# 62
57) Fluorene	10.19	166	366582	42.98	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.98	232	86712	37.35	nq	# 57
59) Diethylphthalate	10.08	149	438573	42.12	nq	100
60) 4-Chlorophenyl-phenylether	10.18	204	147679	35.36	nq	92
61) 4-Nitroaniline	10.23	138	108991	42.27	nq	99
62) Azobenzene	10.34	77	378147	36.73	nq	96
64) 4,6-Dinitro-2-methylphenol	10.26	198	15529	13.15	nq	# 75
65) n-Nitrosodiphenylamine	10.31	169	328196	45.76	nq	99
66) 4-Bromophenyl-phenylether	10.67	248	99959	43.11	nq	95
67) Hexachlorobenzene	10.73	284	91796	38.10	nq	92
68) Atrazine	10.83	200	71948	33.13	nq	90
69) Pentachlorophenol	10.94	266	69268	54.55	nq	96
70) Phenanthrene	11.14	178	463685	40.89	nq	99
71) Anthracene	11.20	178	476934	41.69	nq	98
72) Carbazole	11.36	167	453079	42.32	nq	99
73) Di-n-butylphthalate	11.69	149	555643	41.00	nq	99
74) Fluoranthene	12.33	202	460690	38.49	nq	94
76) Benzidine	12.46	184	259450	56.53	nq	98
77) Pyrene	12.55	202	435855	35.43	nq	99
79) Butylbenzylphthalate	13.18	149	216879	39.88	nq	# 85
80) Benzo(a)anthracene	13.74	228	364514	38.59	nq	100
81) 3,3'-Dichlorobenzidine	13.70	252	123408	48.58	nq	# 95
82) Chrysene	13.77	228	386974	43.55	nq	98
83) Bis(2-ethylhexyl)phthalate	13.74	149	275984	41.69	nq	97
84) Di-n-octyl phthalate	14.35	149	559421	52.01	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.38	276	298134	36.11	nq	# 100
87) Benzo(b)fluoranthene	14.74	252	683529	69.36	nq	# 97
88) Benzo(k)fluoranthene	14.74	252	683728	91.97	nq	98
89) Benzo(a)pyrene	15.06	252	316855	39.74	nq	# 95
90) Dibenzo(a,h)anthracene	16.38	278	253396	34.22	nq	98
91) Benzo(g,h,i)perylene	16.75	276	250373	32.87	nq	97

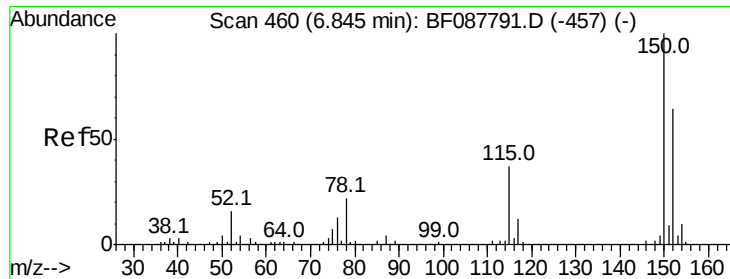
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF088272.D

Acq: 23 Jun 2016 3:35

Instrument :

BNA_F

ClientSampled :

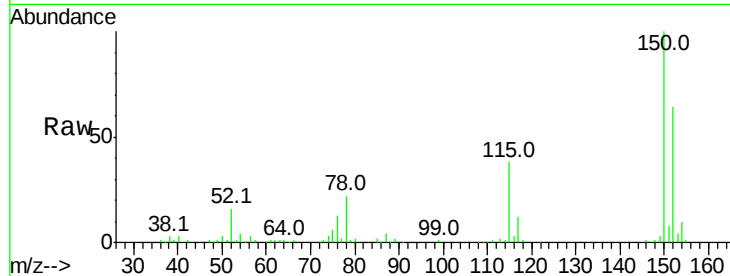
Tot Ion:152 Resp: 82687

Ion Ratio Lower Upper

152 100

150 157.1 123.8 185.6

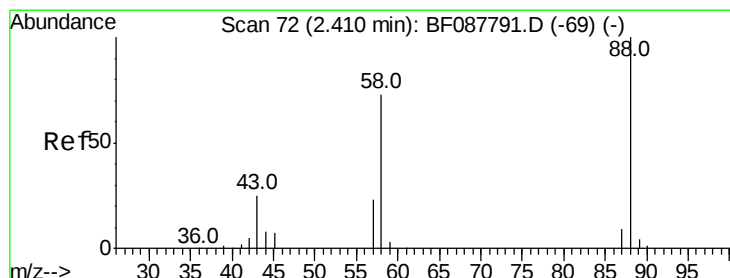
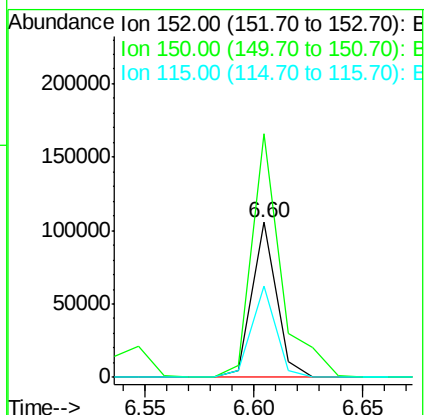
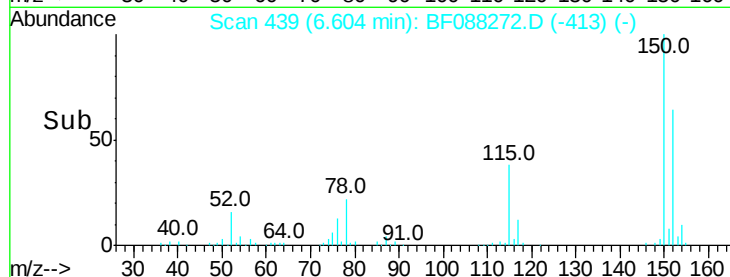
115 59.0 39.6 59.4



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: 39.44 ng

RT: 2.01 min Scan# 37

Delta R.T. -0.01 min

Lab File: BF088272.D

Acq: 23 Jun 2016 3:35

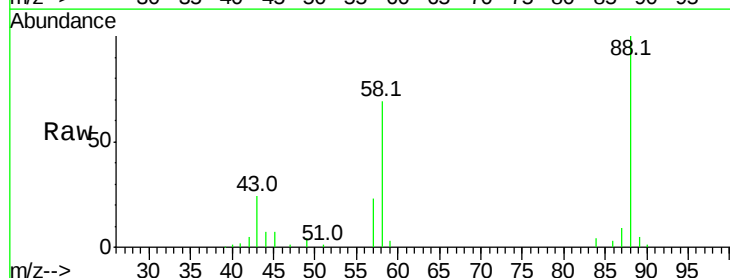
Tgt Ion: 88 Resp: 92695

Ion Ratio Lower Upper

88 100

58 66.0 0.0 0.0#

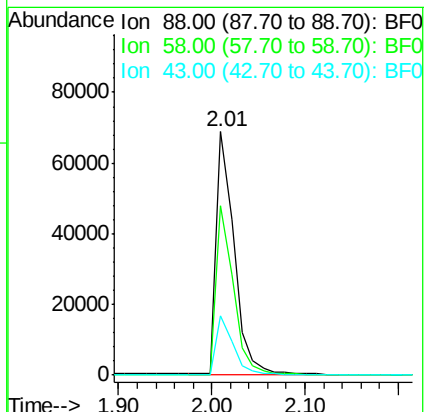
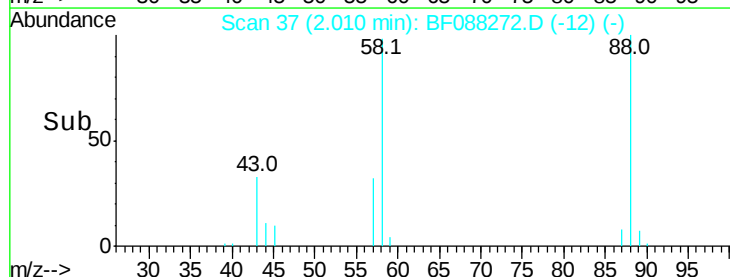
43 22.9 3.4 5.2#

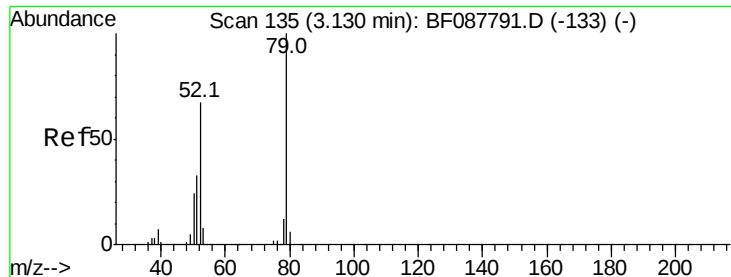


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

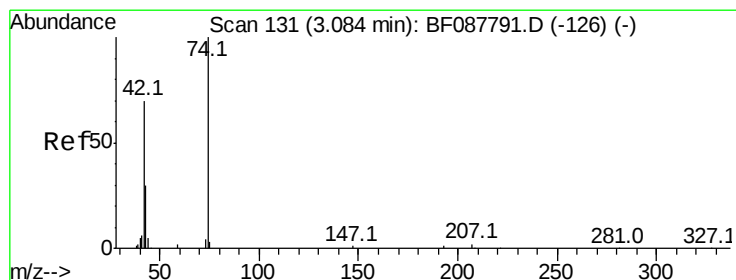
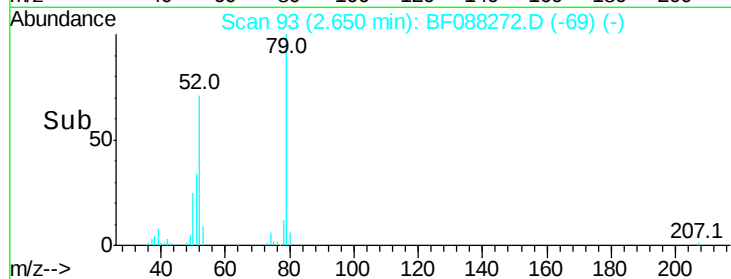
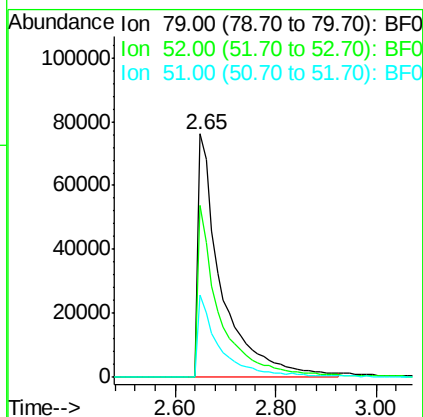
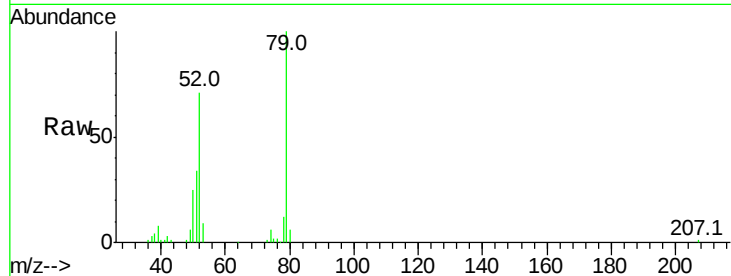




#3
 Pvridine
 Concen: 44.93 ng
 RT: 2.65 min Scan# 93
 Delta R.T. -0.02 min
 Lab File: BF088272.D
 Acq: 23 Jun 2016 3:35

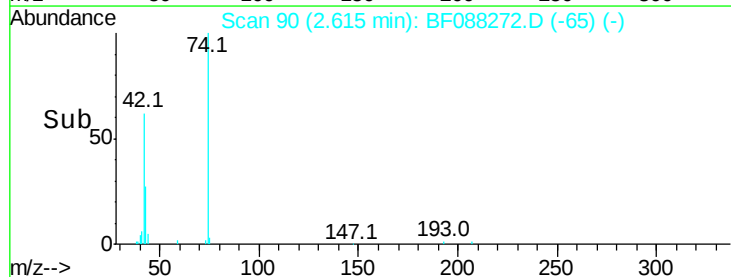
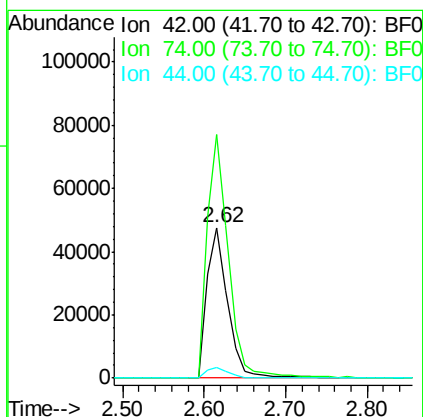
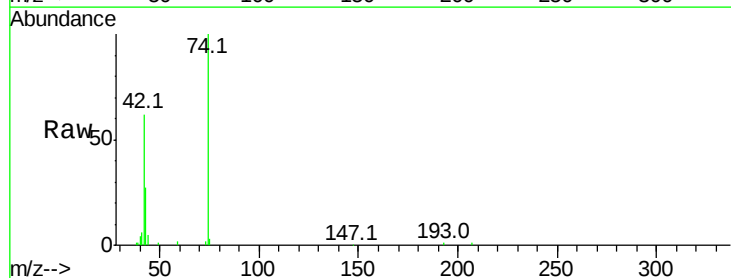
Instrument :
 BNA_F
 ClientSampled :

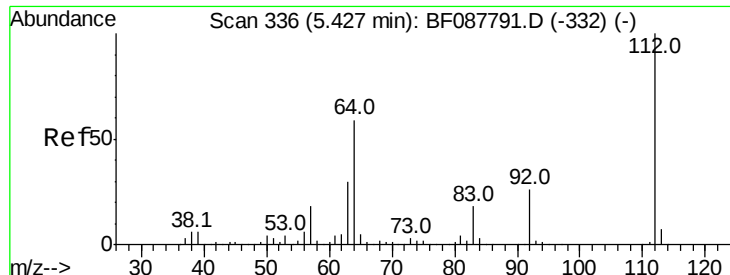
Tot Ion: 79 Resp: 249321
 Ion Ratio Lower Upper
 79 100
 52 70.7 56.3 84.5
 51 33.8 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 36.38 ng
 RT: 2.62 min Scan# 90
 Delta R.T. -0.01 min
 Lab File: BF088272.D
 Acq: 23 Jun 2016 3:35

Tgt Ion: 42 Resp: 85494
 Ion Ratio Lower Upper
 42 100
 74 161.5 108.6 163.0
 44 7.4 5.5 8.3

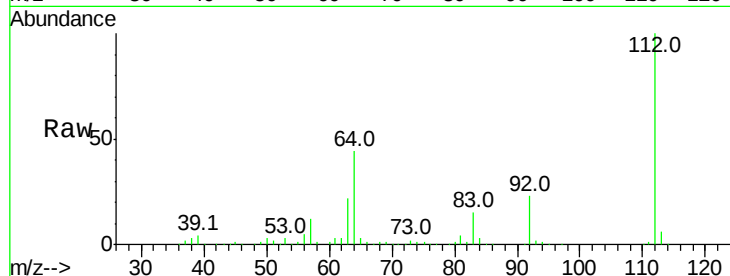




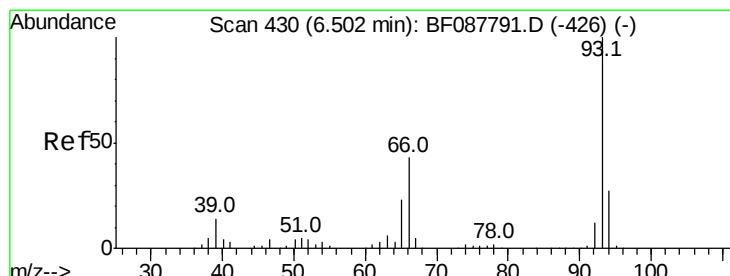
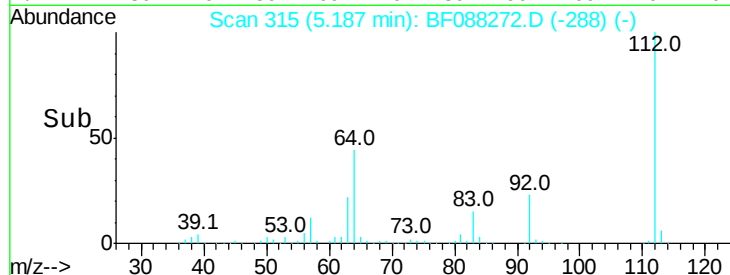
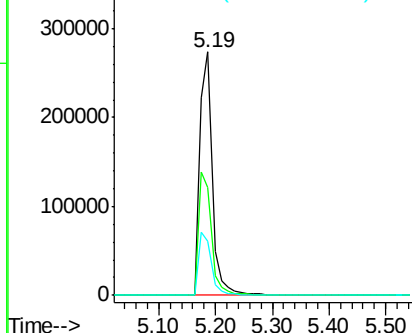
#5
 2-Fluorophenol
 Concen: 84.01 ng
 RT: 5.19 min Scan# 315
 Delta R.T. 0.01 min
 Lab File: BF088272.D
 Acq: 23 Jun 2016 3:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:112 Resp: 406328
 Ion Ratio Lower Upper
 112 100
 64 44.4 42.2 63.2
 63 22.5 21.8 32.8

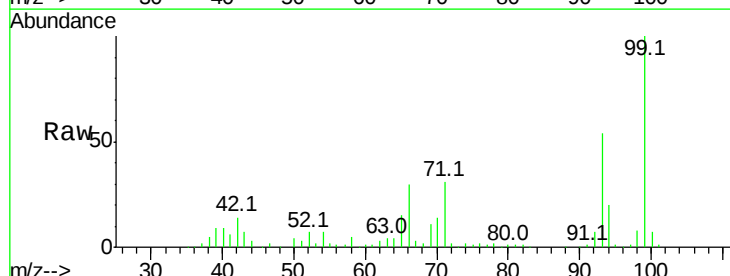


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

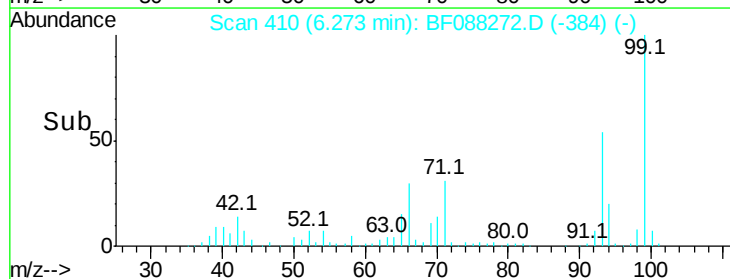
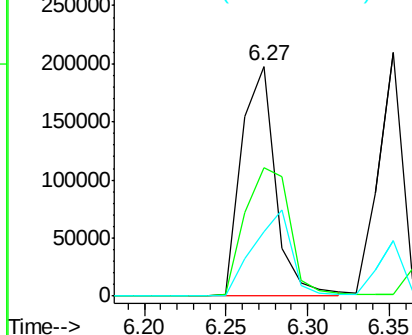


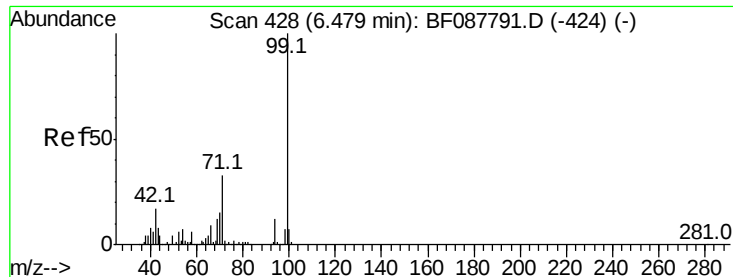
#6
 Aniline
 Concen: 34.09 ng
 RT: 6.27 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: BF088272.D
 Acq: 23 Jun 2016 3:35

Tgt Ion: 93 Resp: 284432
 Ion Ratio Lower Upper
 93 100
 66 55.6 29.8 44.8#
 65 27.9 14.9 22.3#



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: 76.43 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.01 min

Lab File: BF088272.D

Acq: 23 Jun 2016 3:35

Instrument :

BNA_F

ClientSampleId :

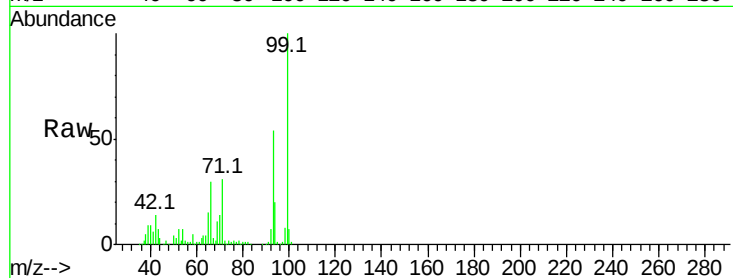
Tot Ion: 99 Resp: 448008

Ion Ratio Lower Upper

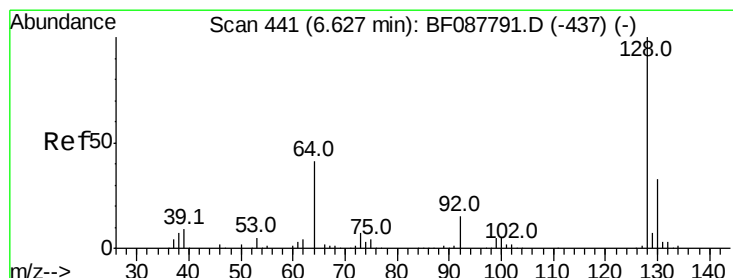
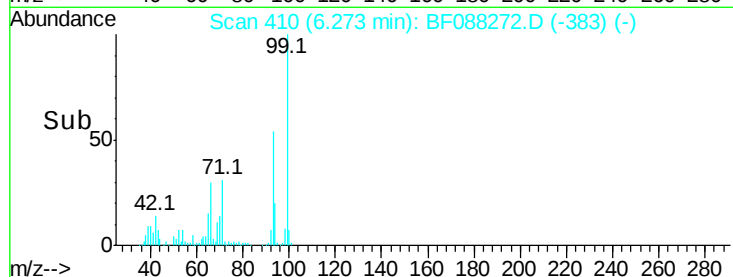
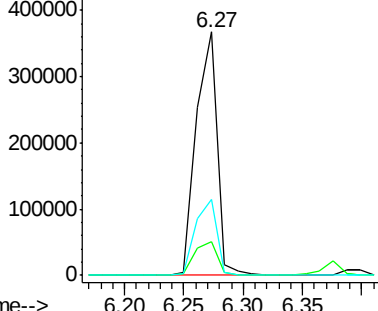
99 100

42 13.9 12.2 18.2

71 31.1 23.4 35.0



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: 38.79 ng

RT: 6.40 min Scan# 421

Delta R.T. 0.01 min

Lab File: BF088272.D

Acq: 23 Jun 2016 3:35

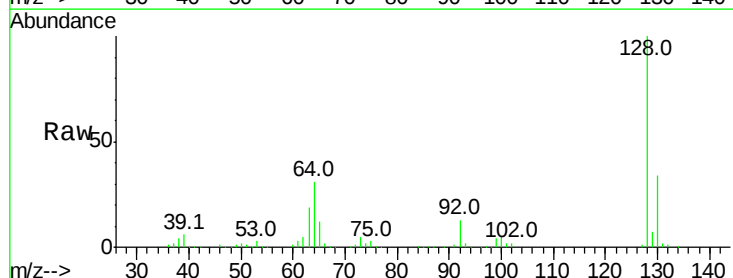
Tgt Ion: 128 Resp: 222081

Ion Ratio Lower Upper

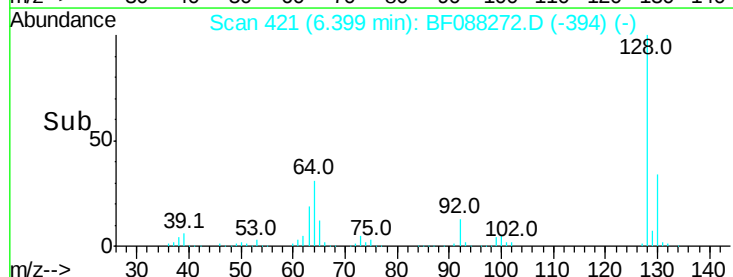
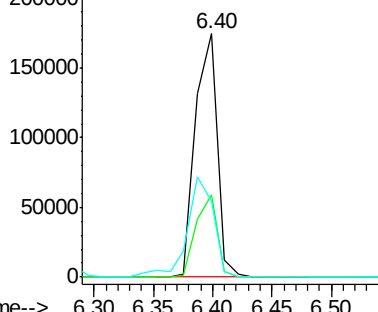
128 100

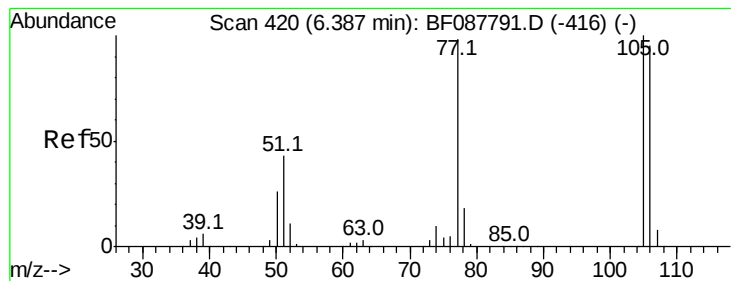
130 33.8 12.0 52.0

64 31.0 30.8 70.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 38.17 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.00 min

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ClientSampleId :

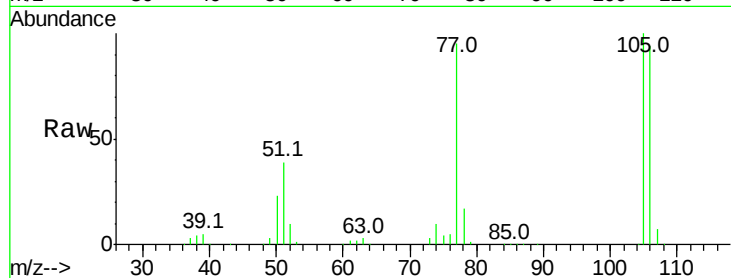
Tot Ion: 77 Resp: 140752

Ion Ratio Lower Upper

77 100

105 105.1 90.6 130.6

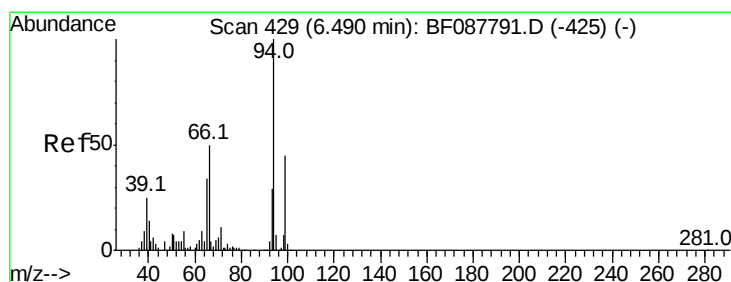
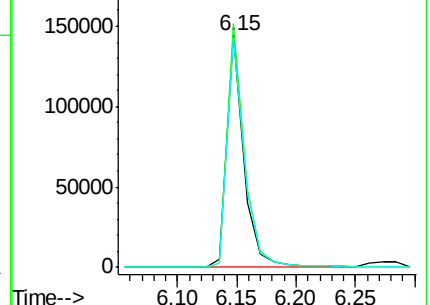
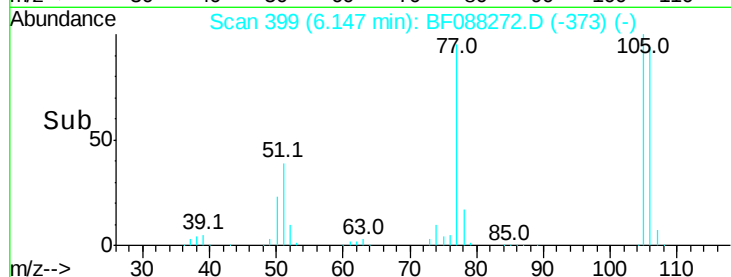
106 99.0 85.3 125.3



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: 46.98 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF088272.D

Acq: 23 Jun 2016 3:35

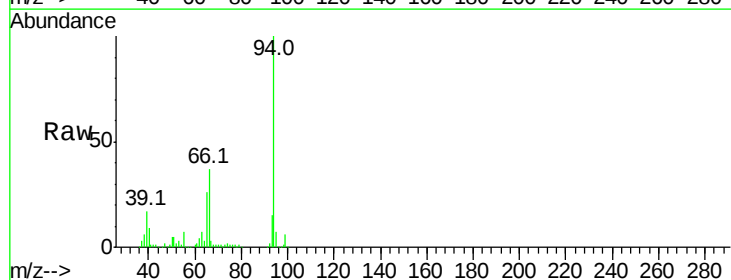
Tgt Ion: 94 Resp: 283669

Ion Ratio Lower Upper

94 100

65 26.4 5.9 45.9

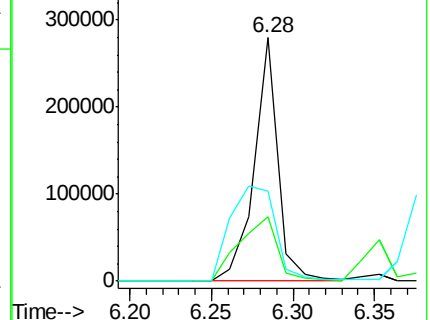
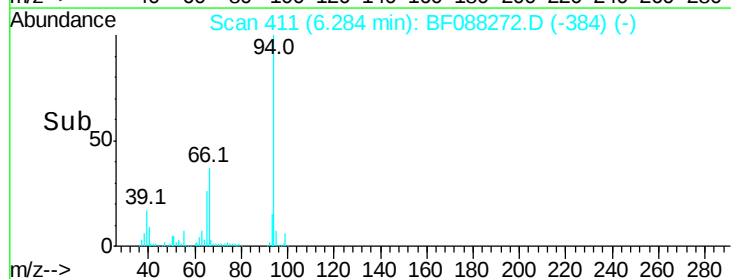
66 36.9 14.0 54.0

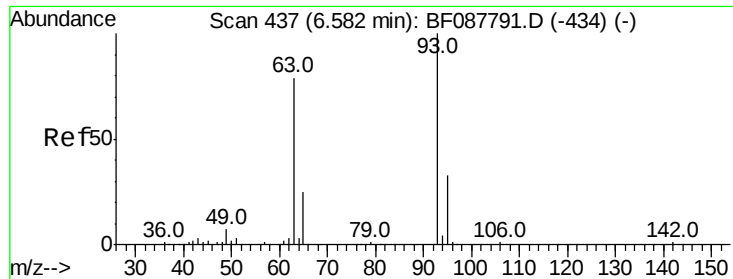


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

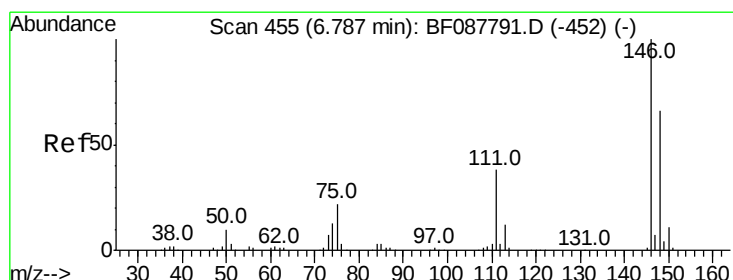
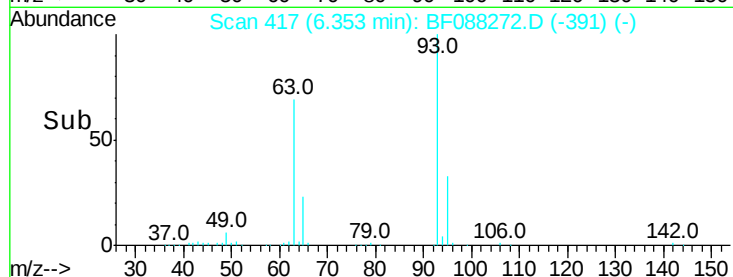
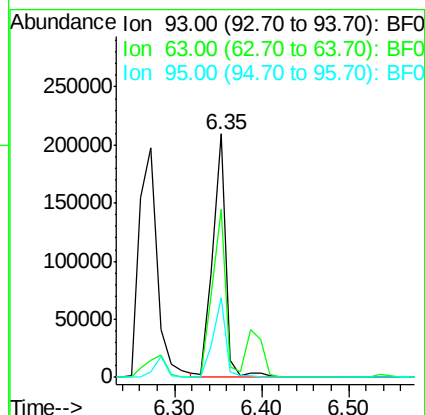
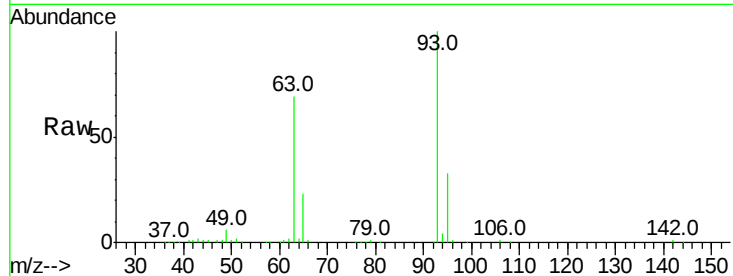




#11
bis(2-Chloroethyl)ether
Concen: 43.72 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF088272.D
Acq: 23 Jun 2016 3:35

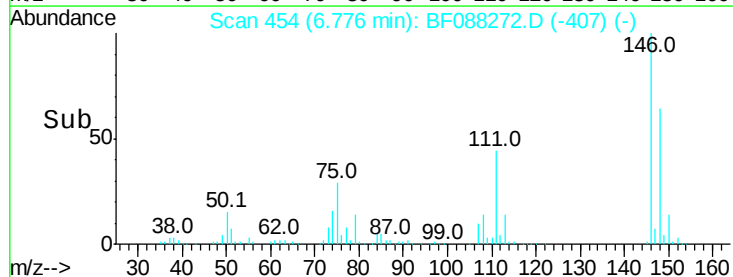
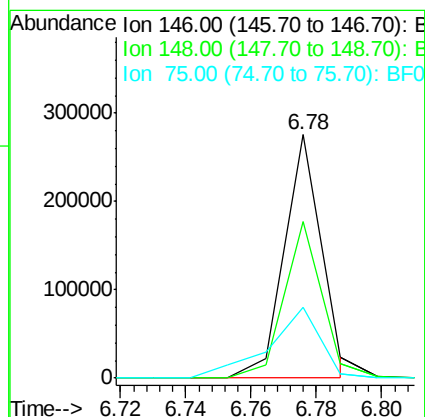
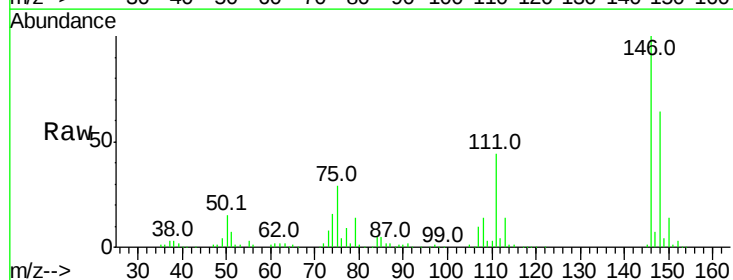
Instrument :
BNA_F
ClientSampleId :

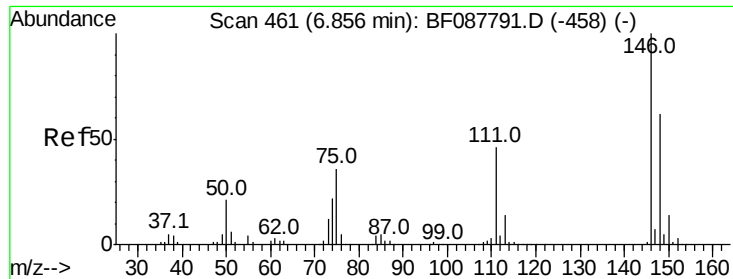
Tot Ion: 93 Resp: 224695
Ion Ratio Lower Upper
93 100
63 69.1 67.6 107.6
95 33.0 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 35.99 ng
RT: 6.78 min Scan# 454
Delta R.T. 0.24 min
Lab File: BF088272.D
Acq: 23 Jun 2016 3:35

Tgt Ion: 146 Resp: 221075
Ion Ratio Lower Upper
146 100
148 64.4 50.9 76.3
75 29.2 25.6 38.4

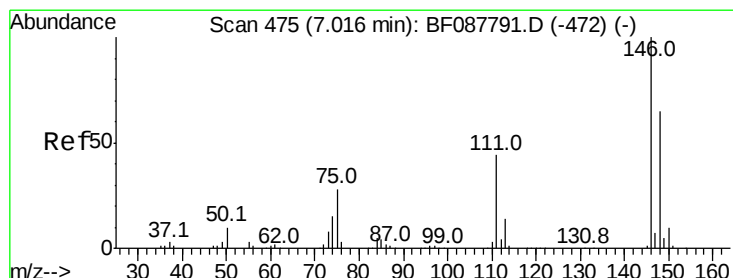
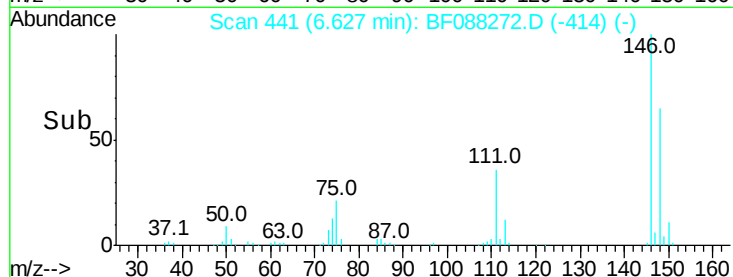
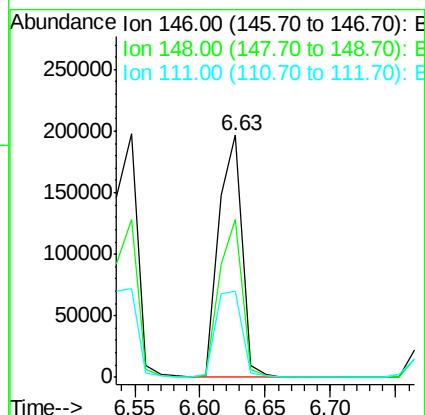
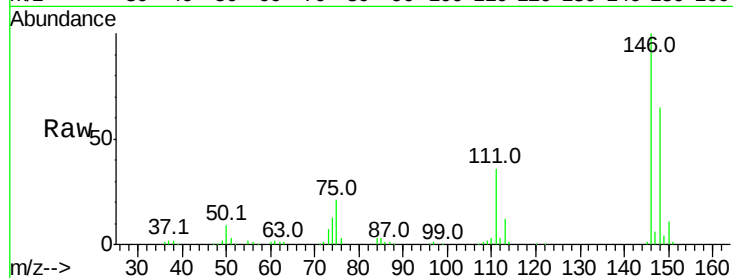




#13
 1,4-Dichlorobenzene
 Concen: 39.90 ng
 RT: 6.63 min Scan# 441
 Delta R.T. 0.01 min
 Lab File: BF088272.D
 Acq: 23 Jun 2016 3:35

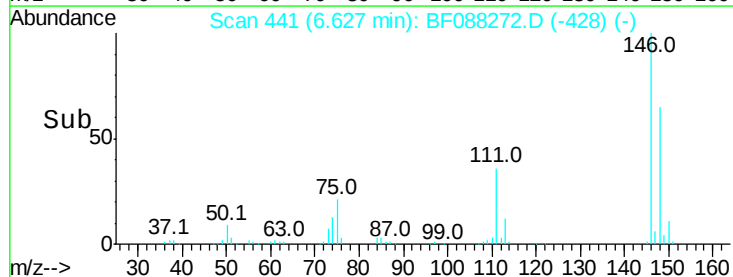
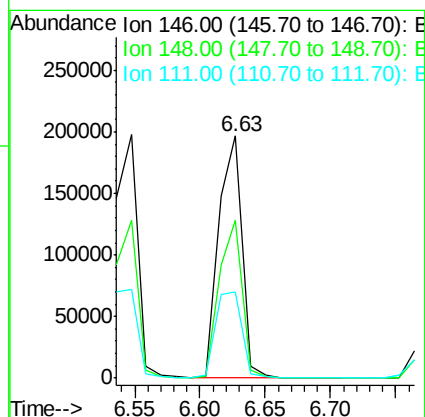
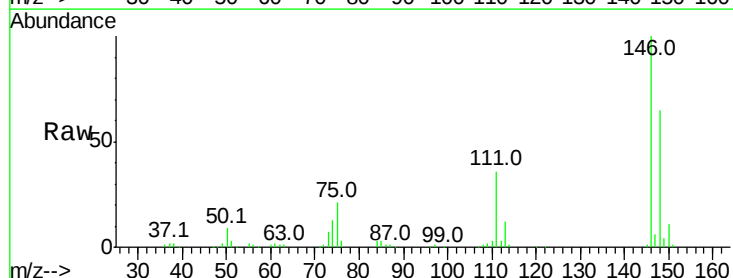
Instrument :
 BNA_F
 ClientSampled :

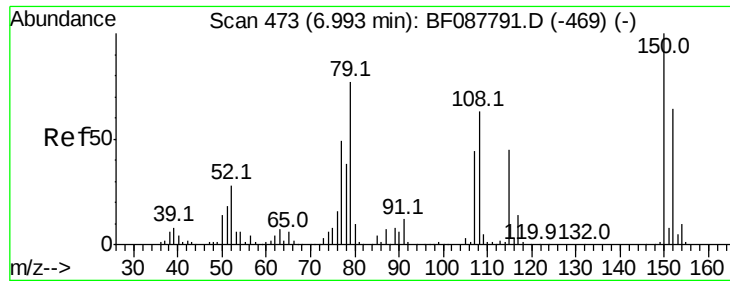
Tot Ion:146 Resp: 246916
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.0 78.0
 111 35.5 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 43.88 ng
 RT: 6.63 min Scan# 441
 Delta R.T. -0.15 min
 Lab File: BF088272.D
 Acq: 23 Jun 2016 3:35

Tgt Ion:146 Resp: 246916
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.3 78.5
 111 35.5 28.7 43.1





#15

Benzyl Alcohol

Concen: 32.15 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.00 min

Lab File: BF088272.D

Acq: 23 Jun 2016 3:35

Instrument :

BNA_F

ClientSampleId :

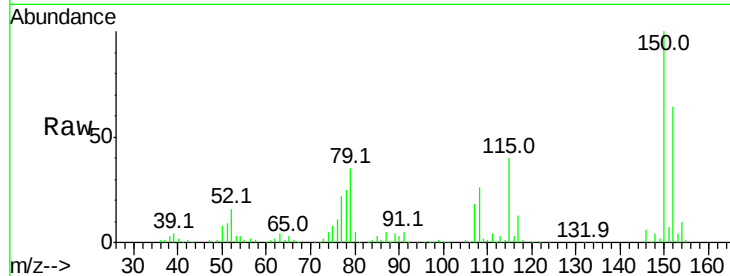
Tot Ion: 79 Resp: 147417

Ion Ratio Lower Upper

79 100

108 75.2 65.0 97.6

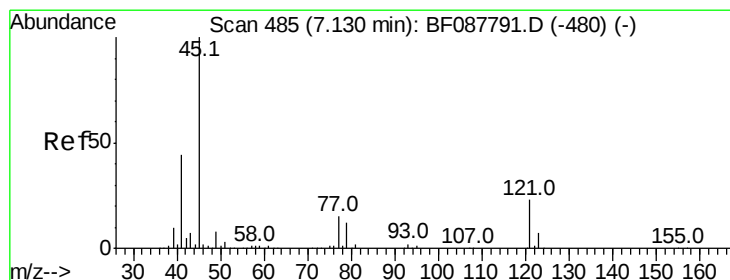
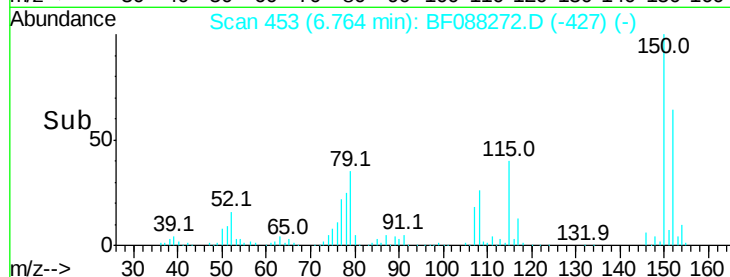
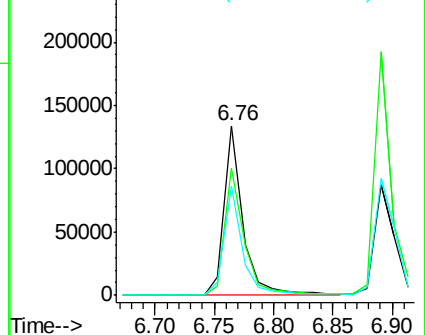
77 64.6 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.71 ng

RT: 6.90 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF088272.D

Acq: 23 Jun 2016 3:35

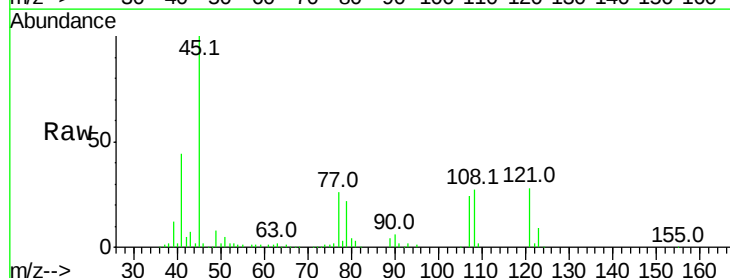
Tgt Ion: 45 Resp: 234108

Ion Ratio Lower Upper

45 100

77 25.8 0.0 32.5

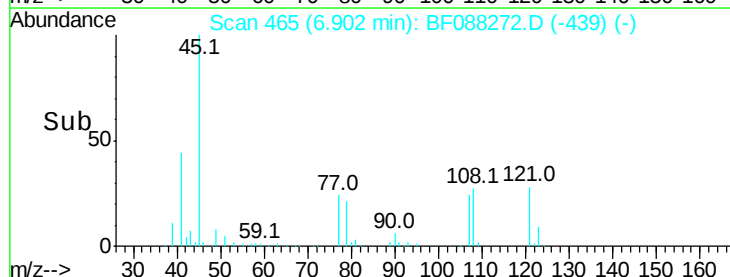
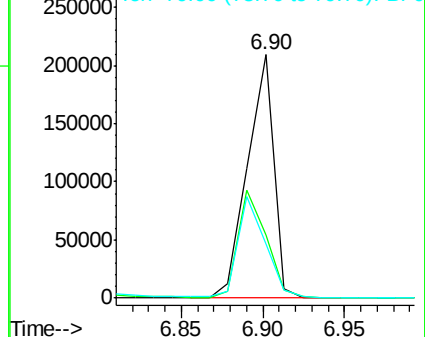
79 22.3 0.0 29.5

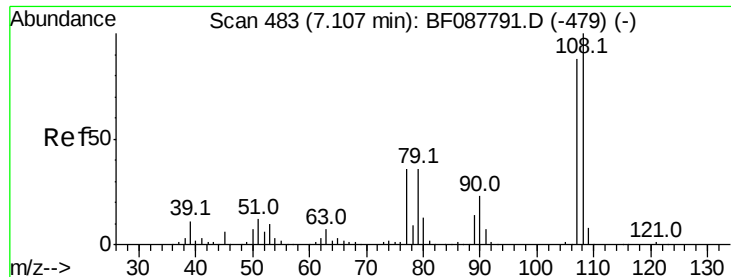


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 36.64 ng

RT: 6.89 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF088272.D

Acq: 23 Jun 2016 3:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 170113

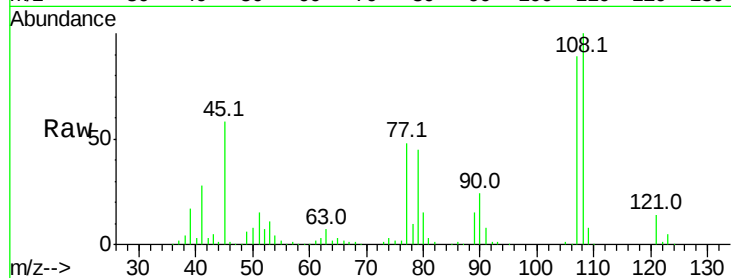
Ion Ratio Lower Upper

107 100

108 112.6 90.9 136.3

77 54.2 36.6 55.0

79 51.0 36.5 54.7

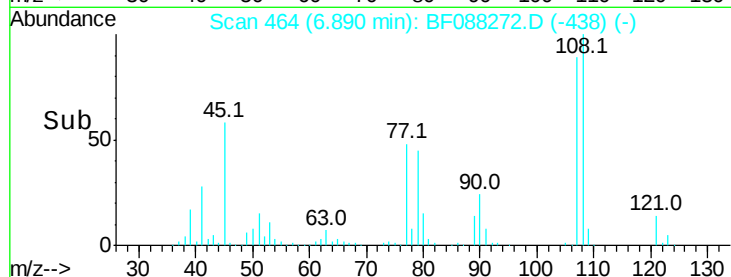


Abundance Ion 107.00 (106.70 to 107.70): E

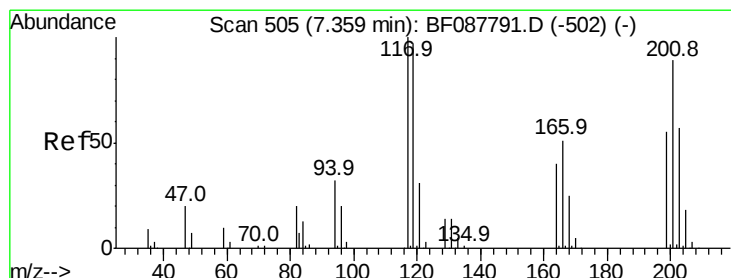
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 31.98 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.01 min

Lab File: BF088272.D

Acq: 23 Jun 2016 3:35

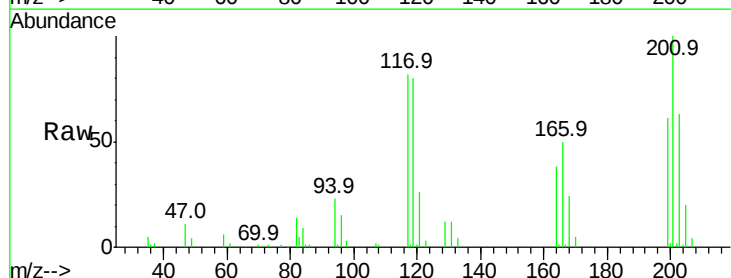
Tgt Ion:117 Resp: 70208

Ion Ratio Lower Upper

117 100

119 97.4 77.4 116.2

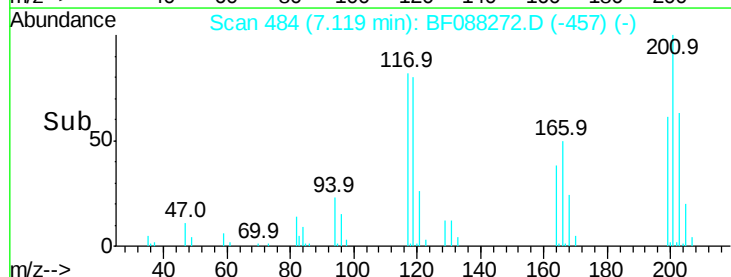
201 122.5 80.4 120.6#



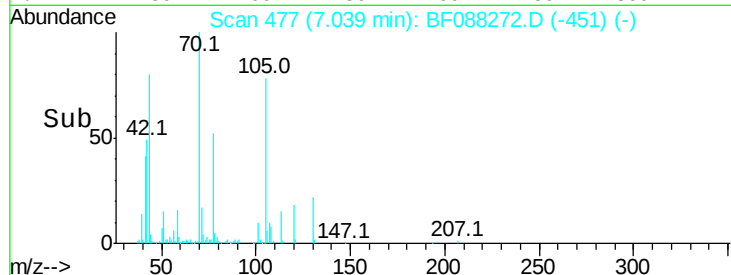
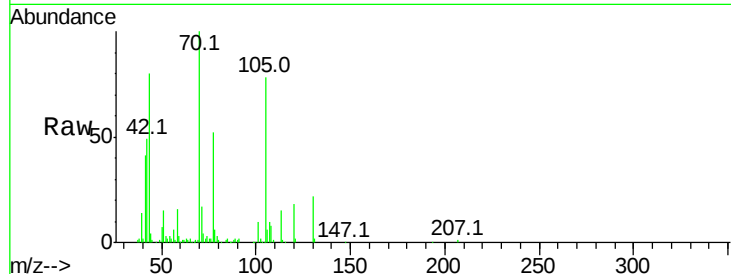
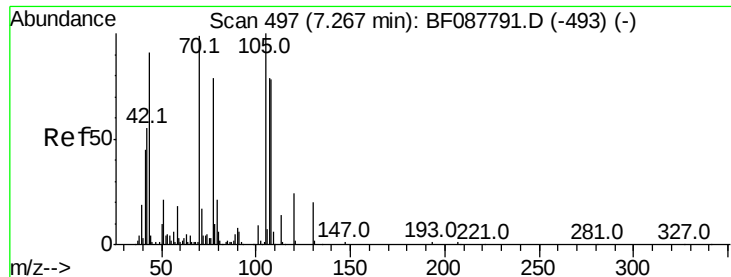
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



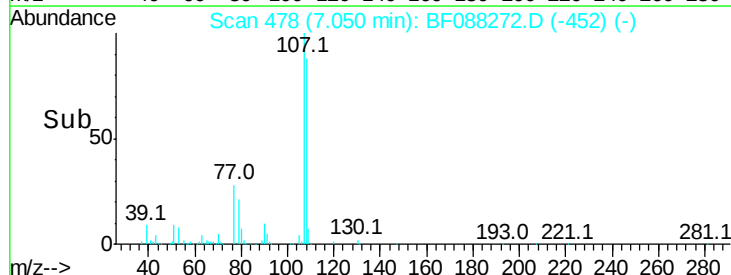
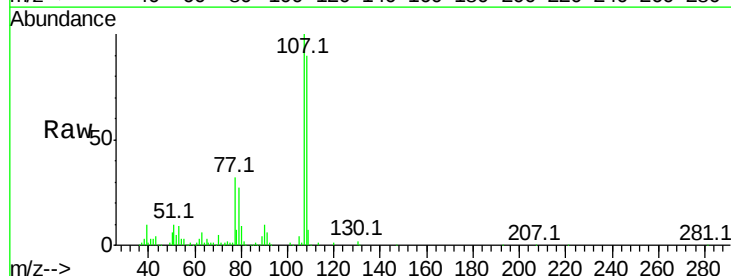
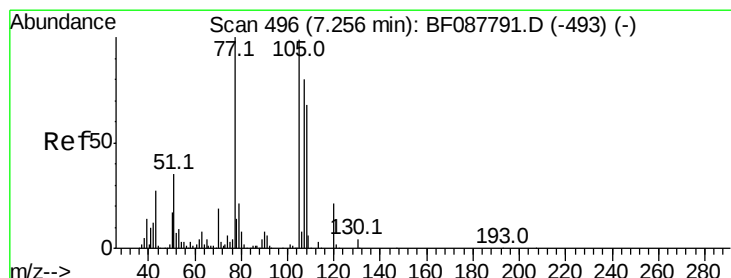
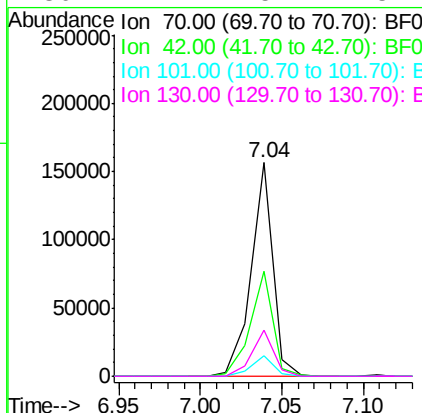
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 38.52 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF088272.D
Acq: 23 Jun 2016 3:35

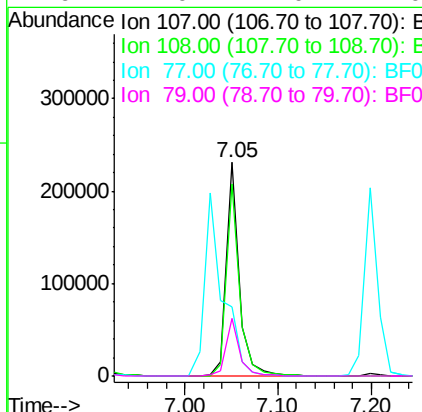
Instrument :
BNA_F
ClientSampled :

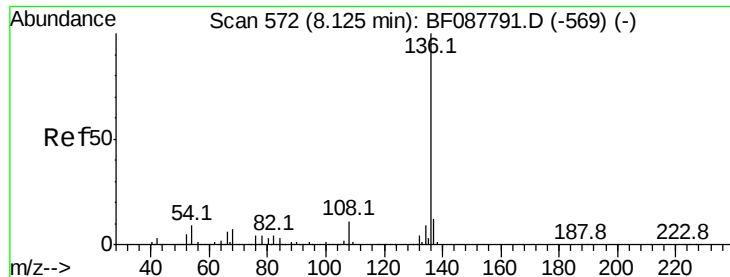
Tot Ion:	70	Resp:	144463
Ion	Ratio	Lower	Upper
70	100		
42	49.0	49.6	74.4#
101	9.8	7.1	10.7
130	21.7	15.4	23.2



#20
3+4-Methylphenols
Concen: 41.18 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.00 min
Lab File: BF088272.D
Acq: 23 Jun 2016 3:35

Tgt Ion:	107	Resp:	223087
Ion	Ratio	Lower	Upper
107	100		
108	89.9	67.8	107.8
77	32.1	59.3	99.3#
79	27.0	7.0	47.0

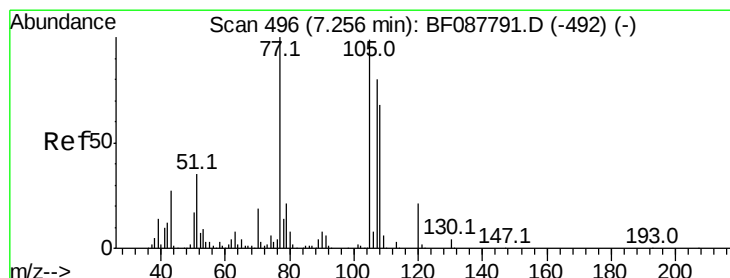
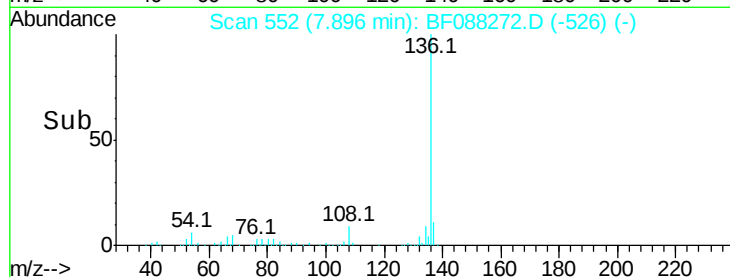
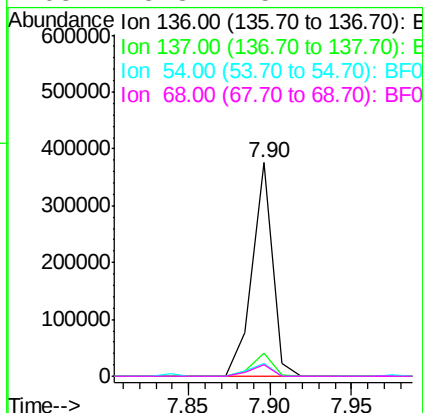
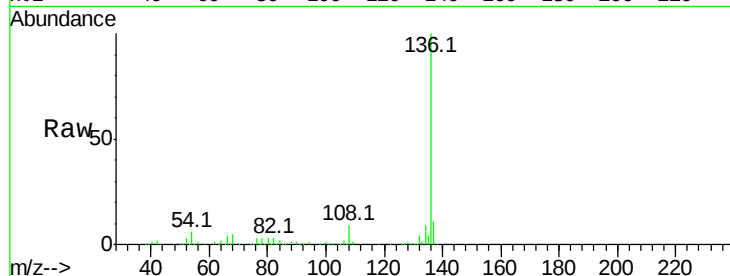




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.00 min
Lab File: BF088272.D
Acq: 23 Jun 2016 3:35

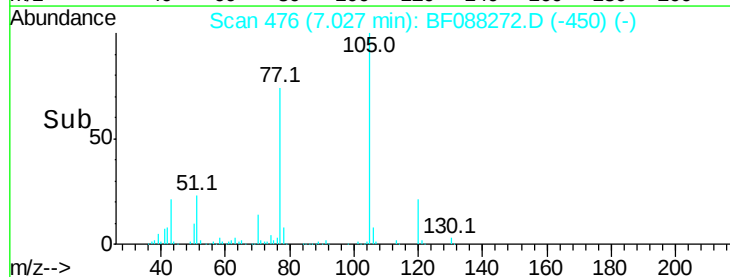
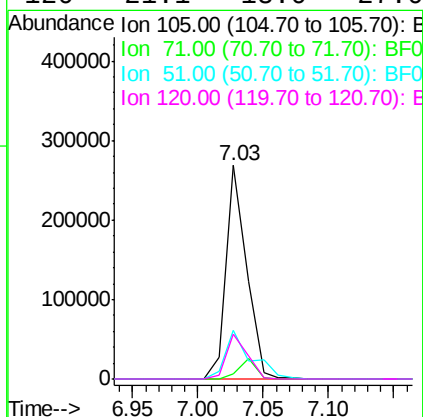
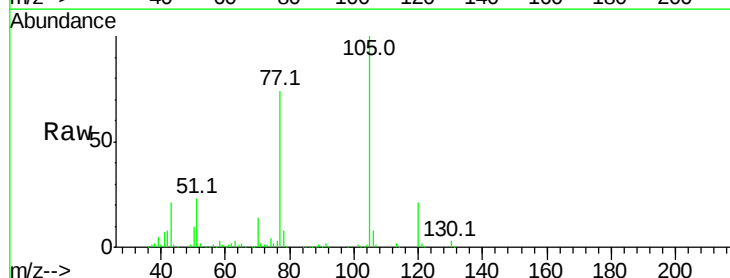
Instrument :
BNA_F
ClientSampleId :

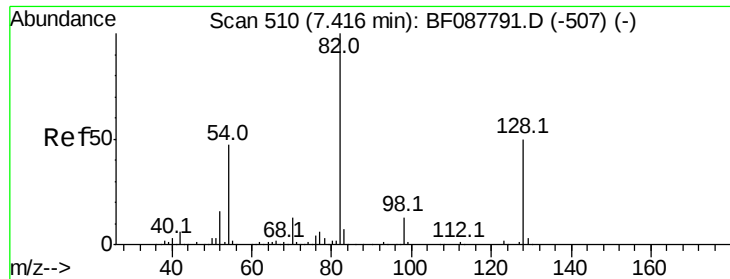
Tot Ion:136	Resp:	327118
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.1 13.7
54	6.1	6.6 10.0#
68	5.3	5.1 7.7



#22
Acetophenone
Concen: 40.39 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.00 min
Lab File: BF088272.D
Acq: 23 Jun 2016 3:35

Tgt Ion:105	Resp:	295249
Ion Ratio	Lower	Upper
105	100	
71	2.4	5.3 7.9#
51	23.0	18.2 27.4
120	21.1	18.0 27.0

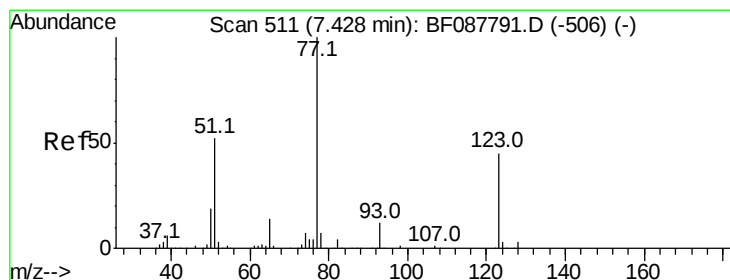
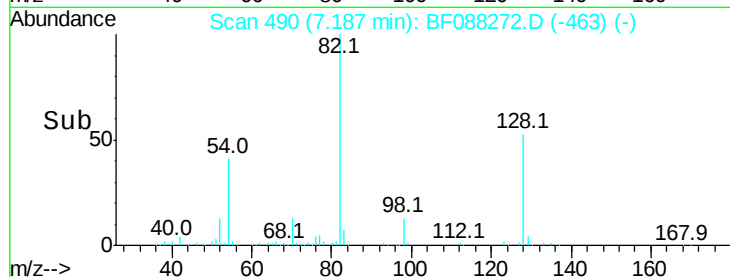
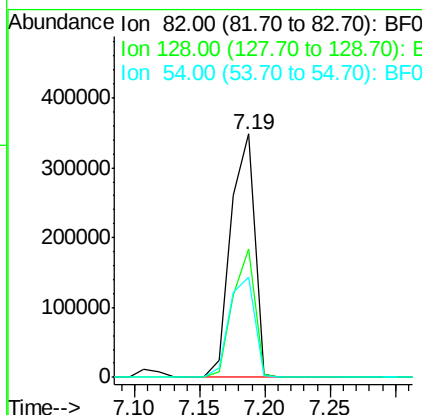
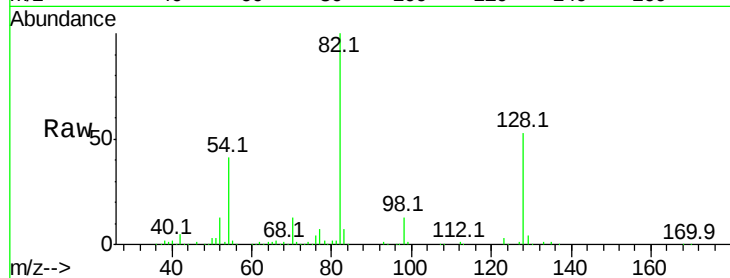




#23
 Nitrobenzene-d5
 Concen: 78.30 ng
 RT: 7.19 min Scan# 490
 Delta R.T. 0.01 min
 Lab File: BF088272.D
 Acq: 23 Jun 2016 3:35

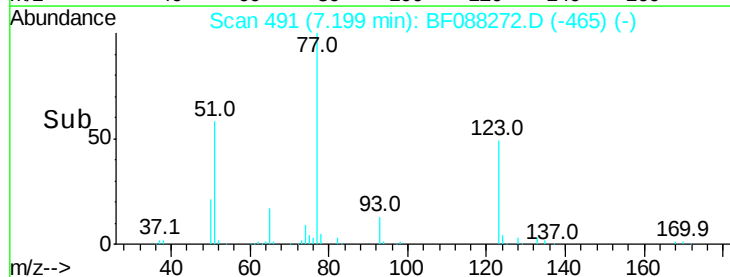
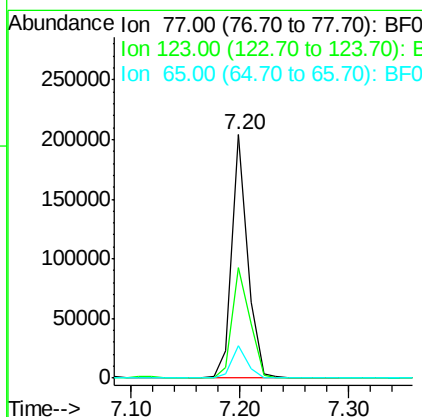
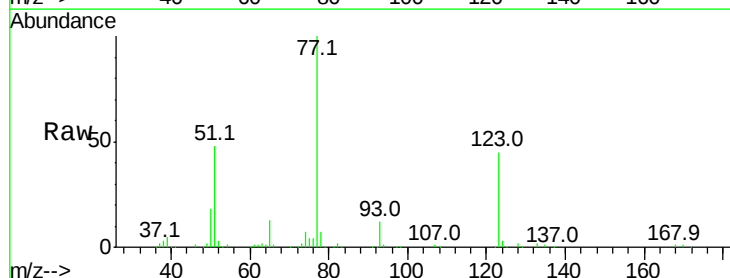
Instrument :
 BNA_F
 ClientSampled :

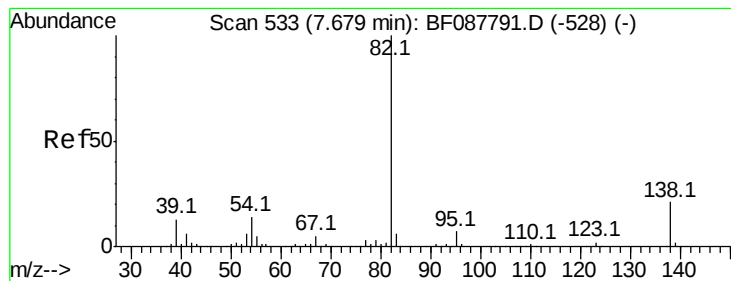
Tot Ion	82	Resp	438604
Ion	Ratio	Lower	Upper
82	100		
128	53.0	35.9	53.9
54	41.4	40.9	61.3



#24
 Nitrobenzene
 Concen: 37.63 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.00 min
 Lab File: BF088272.D
 Acq: 23 Jun 2016 3:35

Tgt Ion	77	Resp	204175
Ion	Ratio	Lower	Upper
77	100		
123	45.4	45.0	67.4
65	13.3	10.2	15.2





#25

Isophorone

Concen: 36.95 ng

RT: 7.44 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF088272.D

Acq: 23 Jun 2016 3:35

Instrument :

BNA_F

ClientSampleId :

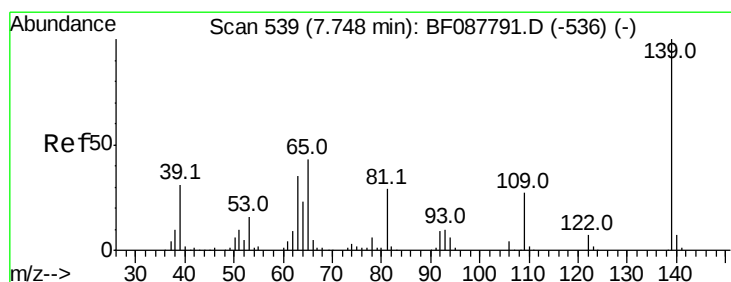
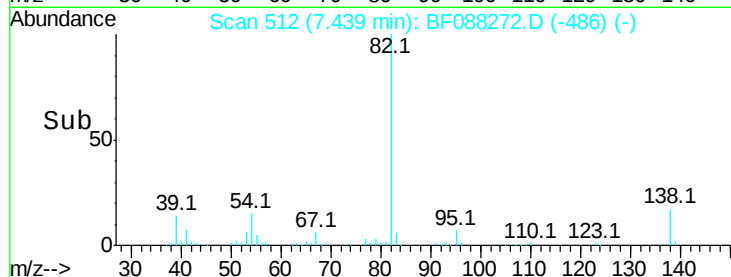
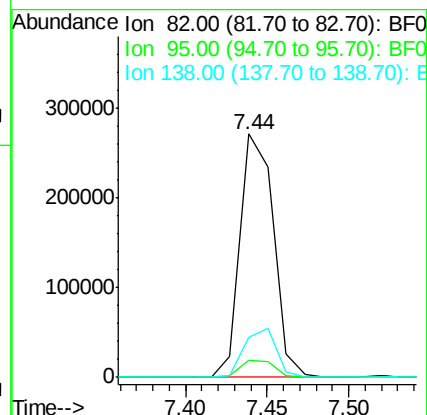
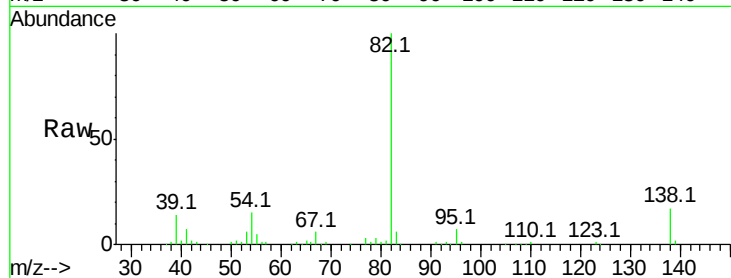
Tot Ion: 82 Resp: 383412

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

138 16.5 14.6 21.8



#26

2-Nitrophenol

Concen: 36.74 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF088272.D

Acq: 23 Jun 2016 3:35

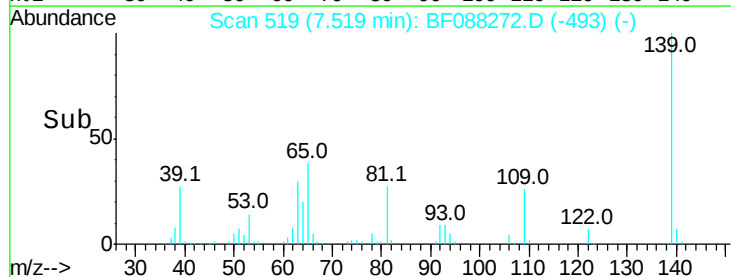
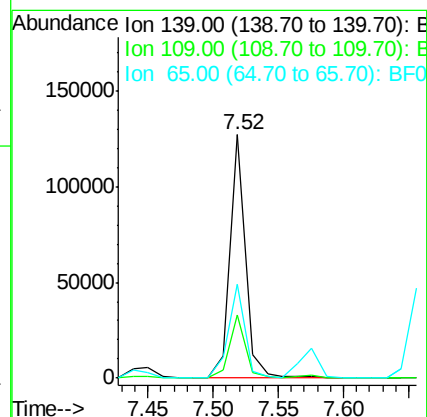
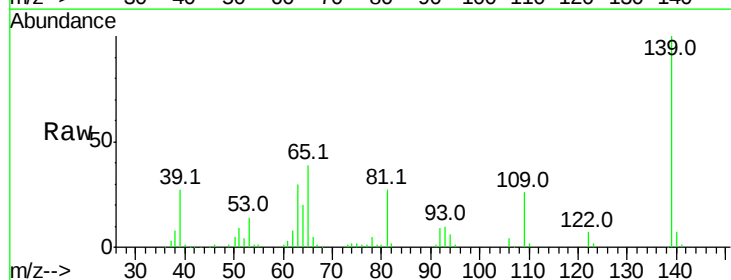
Tgt Ion: 139 Resp: 106790

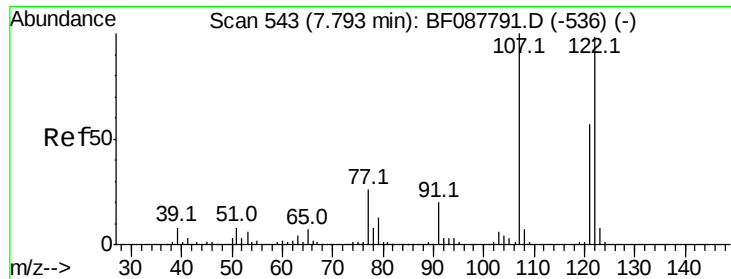
Ion Ratio Lower Upper

139 100

109 25.7 23.0 34.4

65 38.6 45.8 68.8#

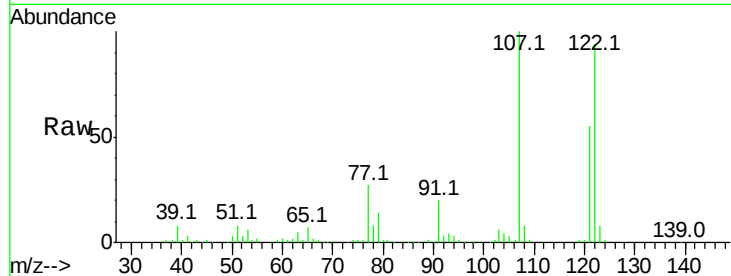




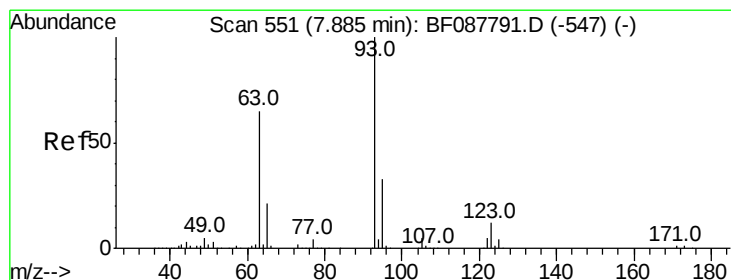
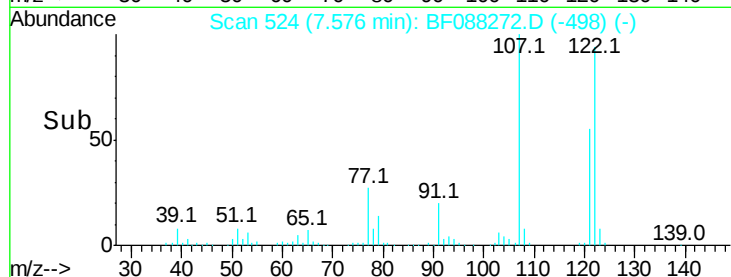
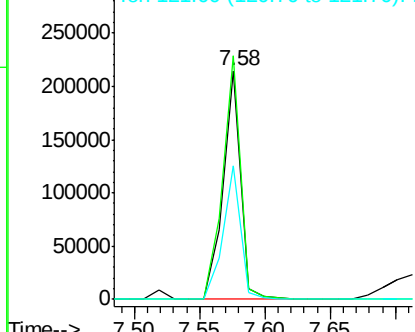
#27
2,4-Dimethylphenol
Concen: 37.97 ng
RT: 7.58 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF088272.D
Acq: 23 Jun 2016 3:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 203190
Ion Ratio Lower Upper
122 100
107 106.5 82.4 123.6
121 58.5 46.3 69.5

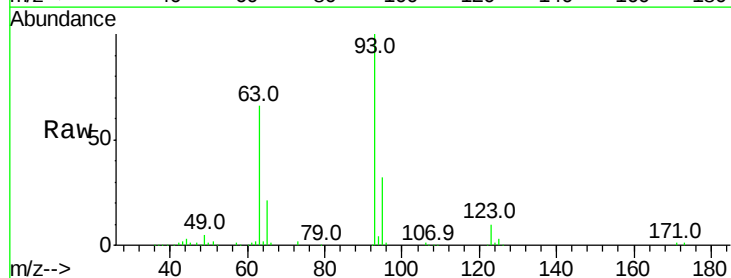


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

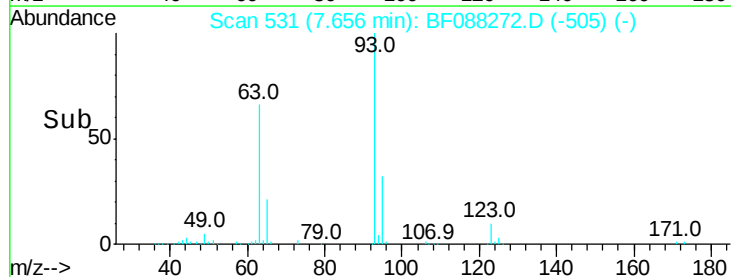
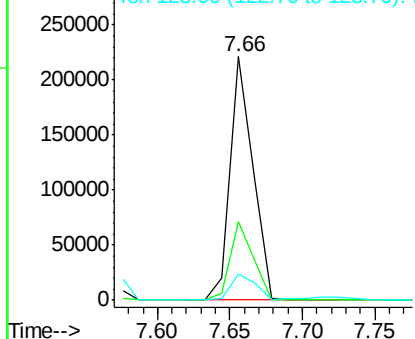


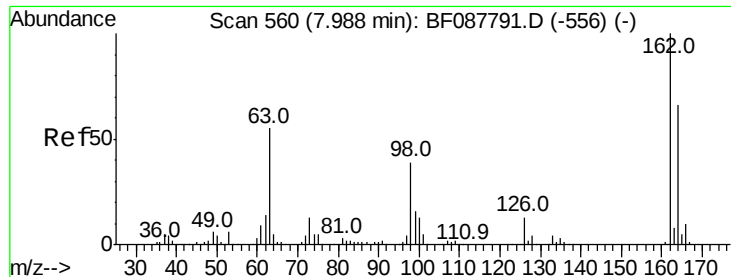
#28
bis(2-Chloroethoxy)methane
Concen: 37.49 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF088272.D
Acq: 23 Jun 2016 3:35

Tgt Ion: 93 Resp: 241253
Ion Ratio Lower Upper
93 100
95 32.1 26.5 39.7
123 10.4 11.6 17.4#



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

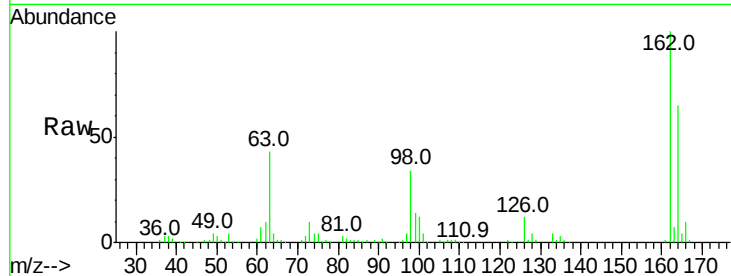




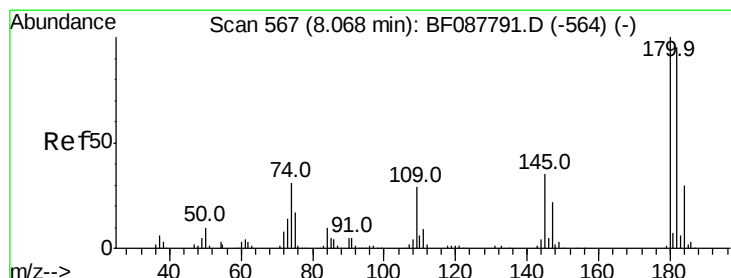
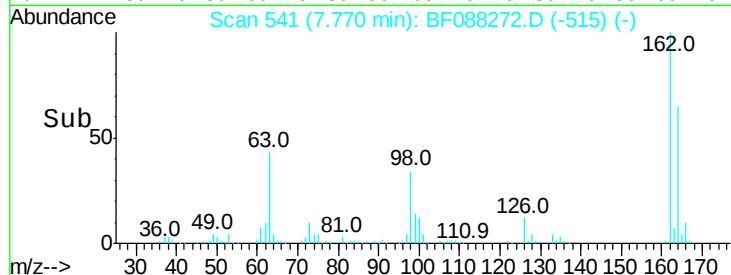
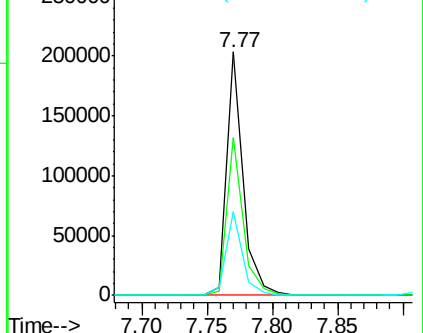
#29
 2,4-Dichlorophenol
 Concen: 40.15 ng
 RT: 7.77 min Scan# 541
 Delta R.T. -0.00 min
 Lab File: BF088272.D
 Acq: 23 Jun 2016 3:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	43.8	83.8
98	34.3	21.3	61.3

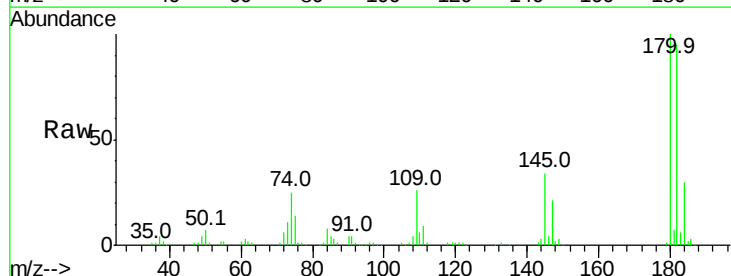


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

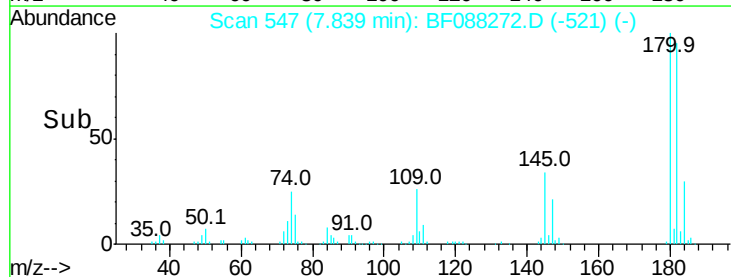
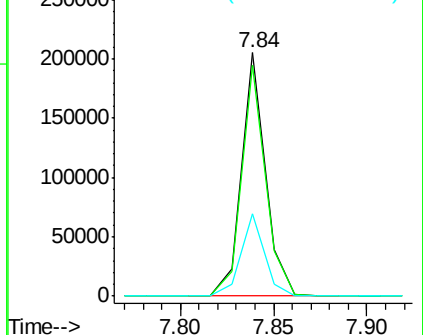


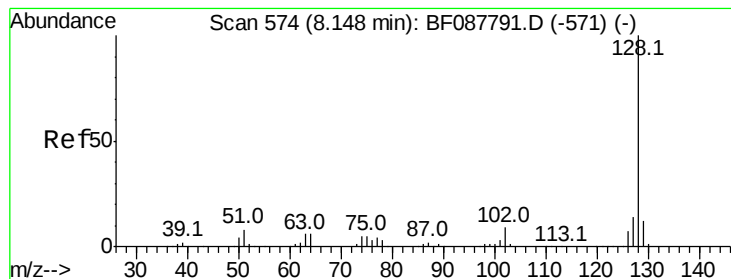
#30
 1,2,4-Trichlorobenzene
 Concen: 37.70 ng
 RT: 7.84 min Scan# 547
 Delta R.T. -0.00 min
 Lab File: BF088272.D
 Acq: 23 Jun 2016 3:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.0	114.0
145	33.8	26.5	39.7



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





#31

Naphthalene

Concen: 39.67 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF088272.D

Acq: 23 Jun 2016 3:35

Instrument :

BNA_F

ClientSampled :

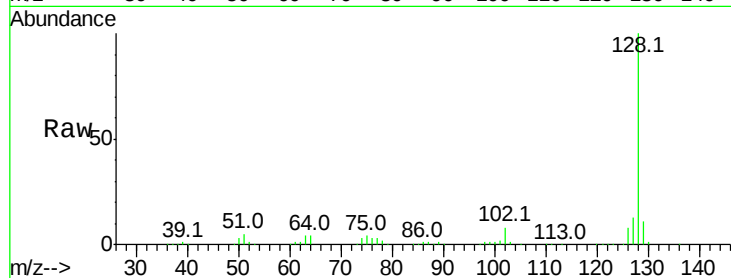
Tot Ion:128 Resp: 642150

Ion Ratio Lower Upper

128 100

129 11.1 9.4 14.2

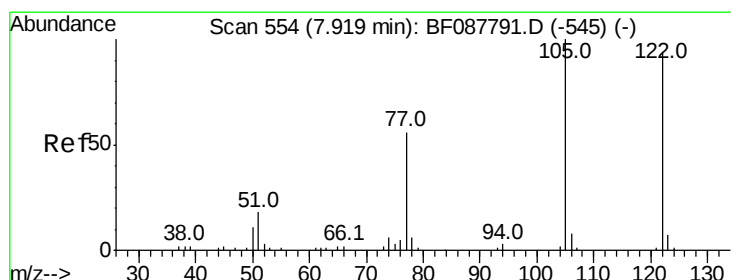
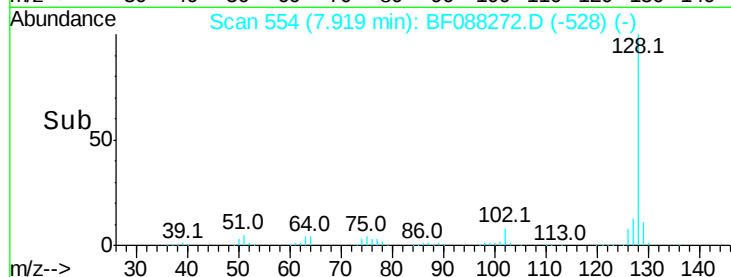
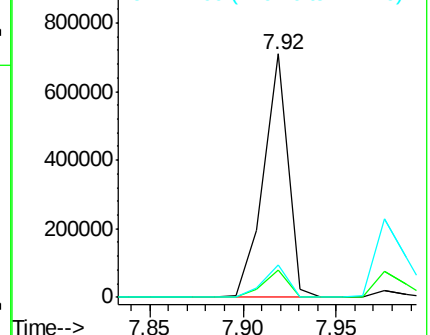
127 13.4 10.9 16.3



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: 29.12 ng

RT: 7.72 min Scan# 537

Delta R.T. -0.00 min

Lab File: BF088272.D

Acq: 23 Jun 2016 3:35

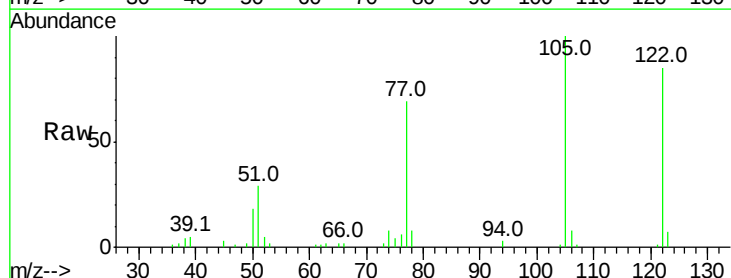
Tgt Ion:122 Resp: 85828

Ion Ratio Lower Upper

122 100

105 117.3 101.6 141.6

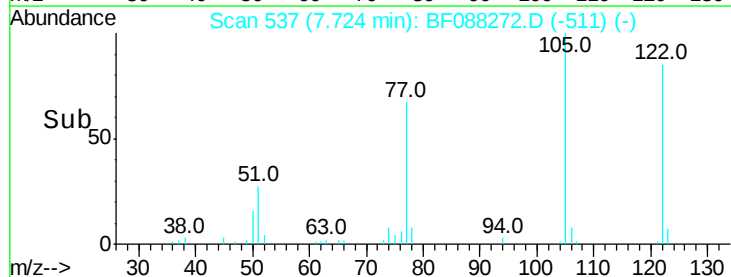
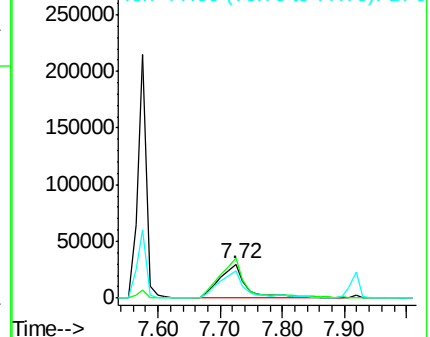
77 81.5 70.6 110.6

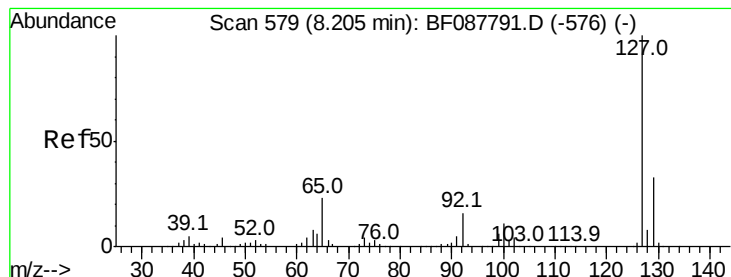


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 35.63 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.00 min

Lab File: BF088272.D

Acq: 23 Jun 2016 3:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 257537

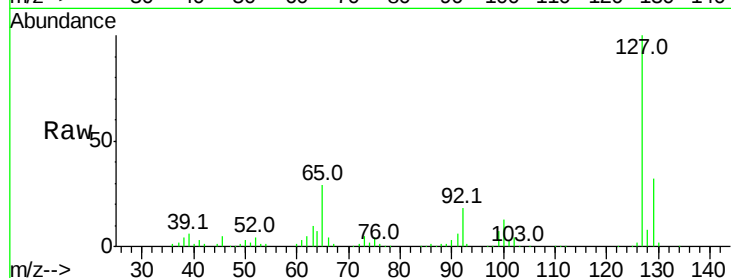
Ion Ratio Lower Upper

127 100

129 32.4 26.3 39.5

65 29.5 24.7 37.1

92 18.5 15.4 23.0

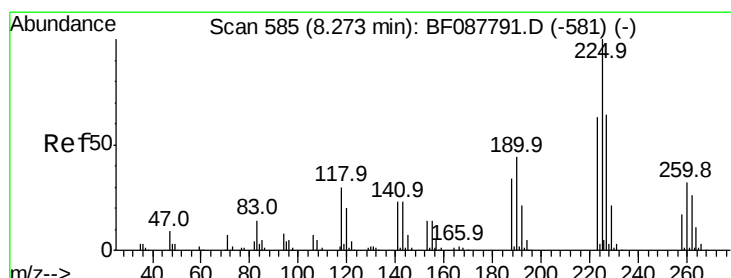
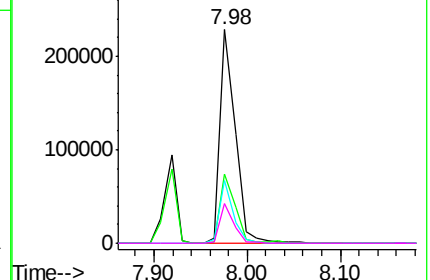
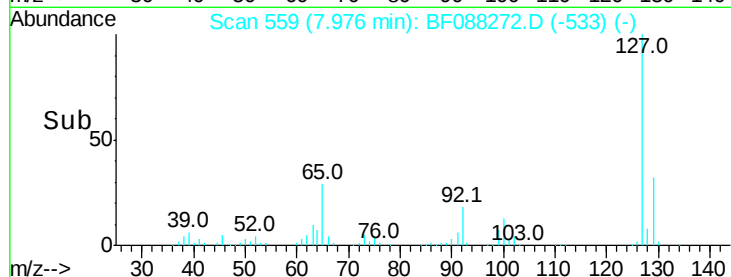


Abundance Ion 127.00 (126.70 to 127.70): E

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: 37.42 ng

RT: 8.03 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF088272.D

Acq: 23 Jun 2016 3:35

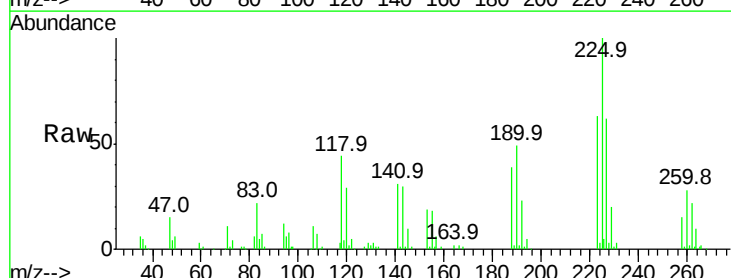
Tgt Ion:225 Resp: 96024

Ion Ratio Lower Upper

225 100

223 63.0 50.9 76.3

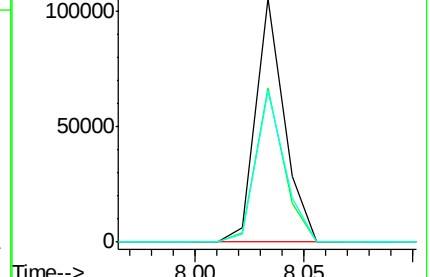
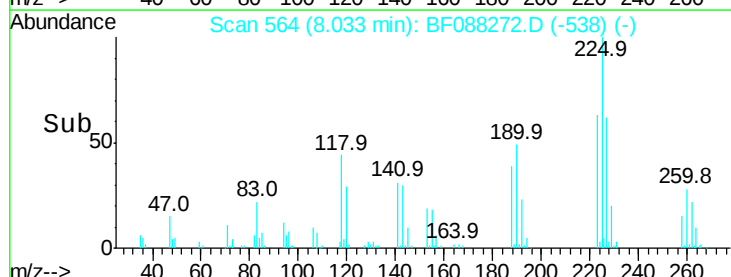
227 62.2 51.9 77.9

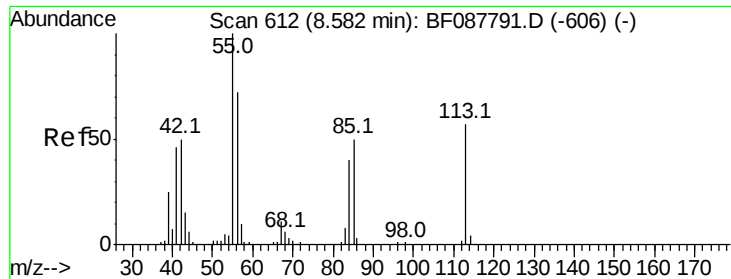


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

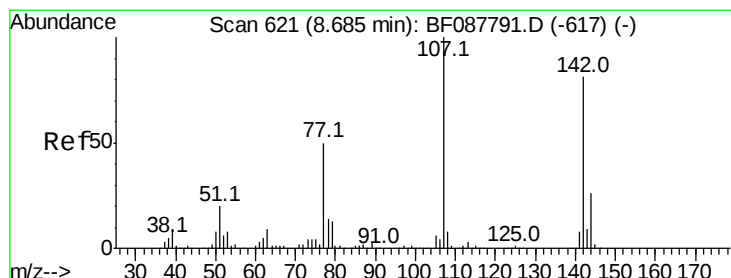
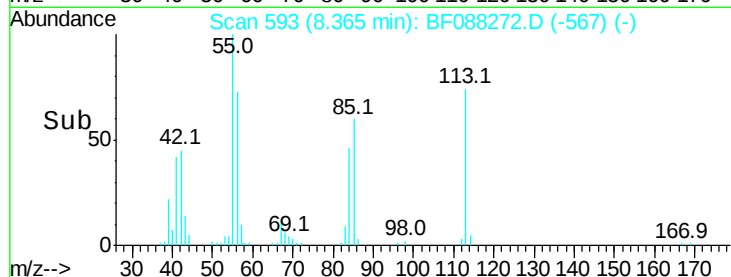
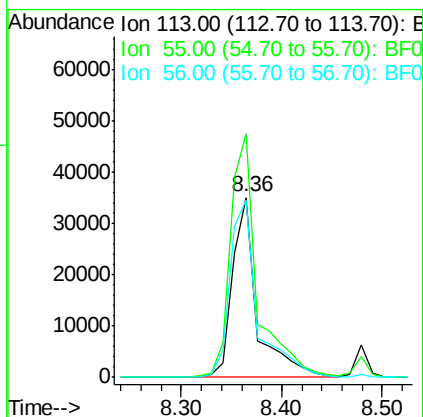
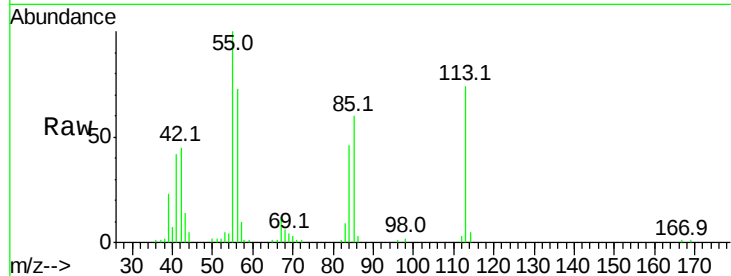




#35
Caprolactam
Concen: 40.13 ng
RT: 8.36 min Scan# 593
Delta R.T. -0.00 min
Lab File: BF088272.D
Acq: 23 Jun 2016 3:35

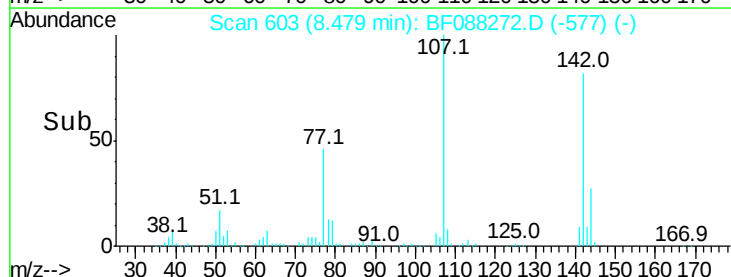
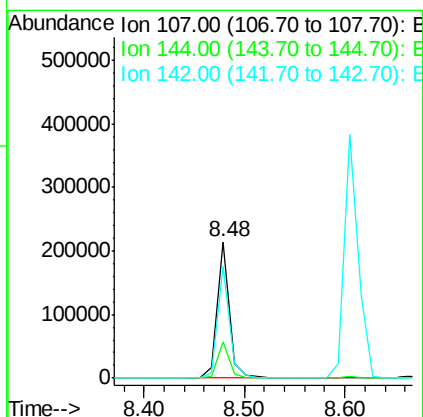
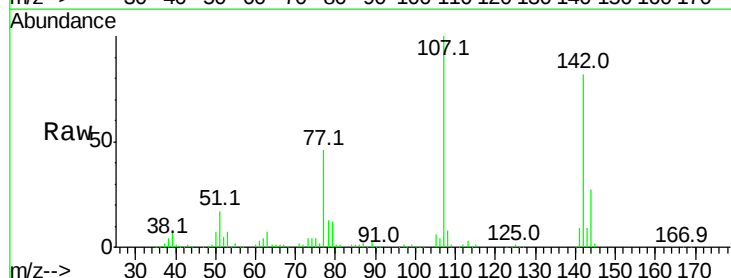
Instrument :
BNA_F
ClientSampleId :

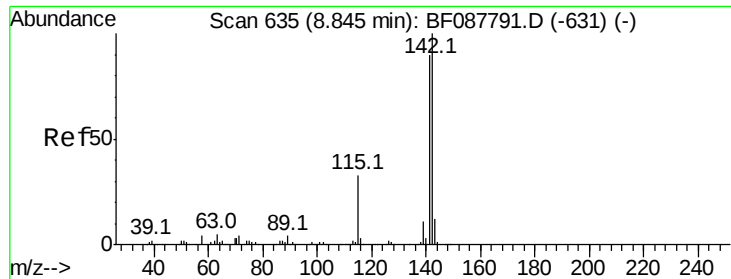
Tot Ion:113 Resp: 59399
Ion Ratio Lower Upper
113 100
55 135.1 158.6 198.6#
56 98.0 110.6 150.6#



#36
4-Chloro-3-methylphenol
Concen: 38.07 ng
RT: 8.48 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF088272.D
Acq: 23 Jun 2016 3:35

Tgt Ion:107 Resp: 181939
Ion Ratio Lower Upper
107 100
144 26.9 20.8 31.2
142 82.1 63.4 95.2

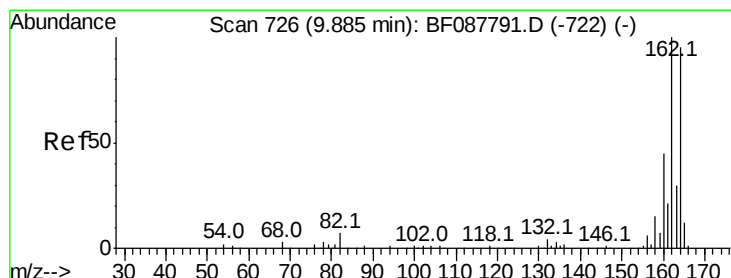
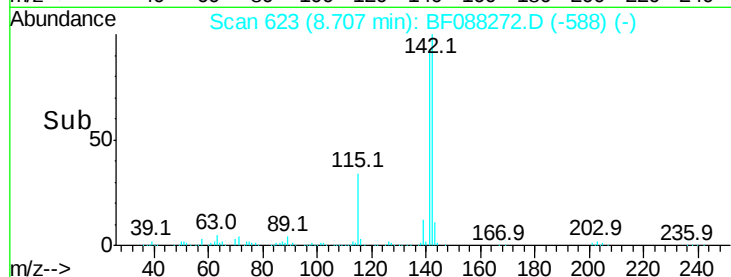
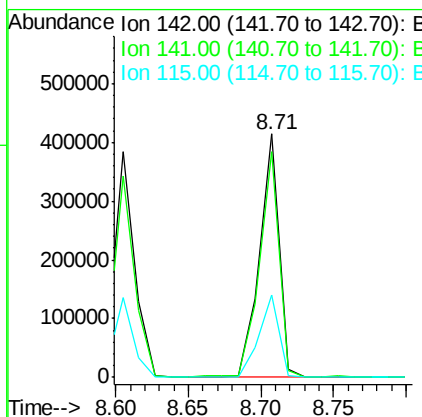
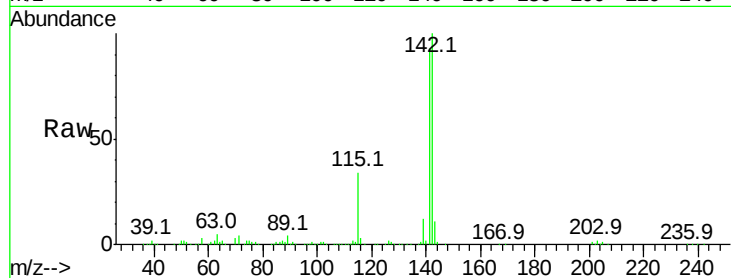




#37
2-Methylnaphthalene
Concen: 36.26 ng
RT: 8.71 min Scan# 623
Delta R.T. 0.10 min
Lab File: BF088272.D
Acq: 23 Jun 2016 3:35

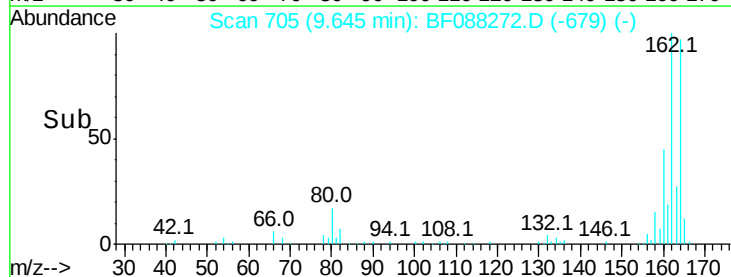
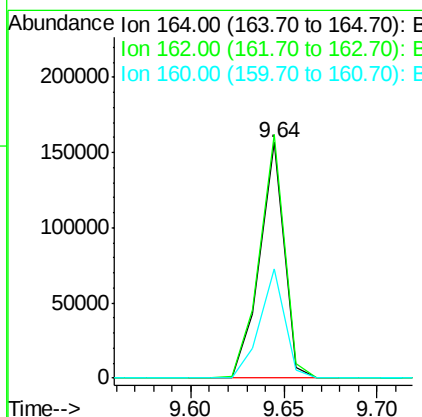
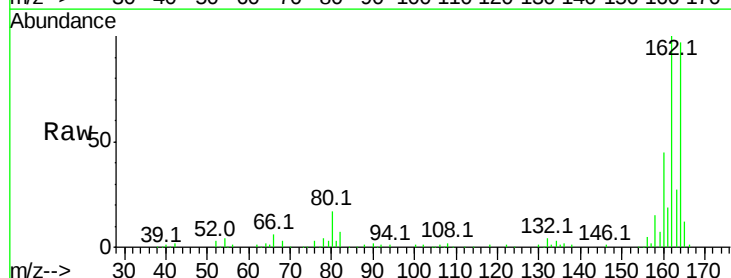
Instrument :
BNA_F
ClientSampleId :

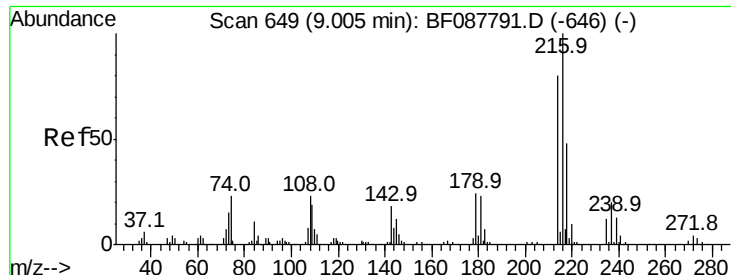
Tot Ion:142 Resp: 386896
Ion Ratio Lower Upper
142 100
141 92.5 71.0 106.6
115 33.8 22.6 33.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF088272.D
Acq: 23 Jun 2016 3:35

Tgt Ion:164 Resp: 142002
Ion Ratio Lower Upper
164 100
162 103.3 85.4 128.2
160 46.5 39.5 59.3

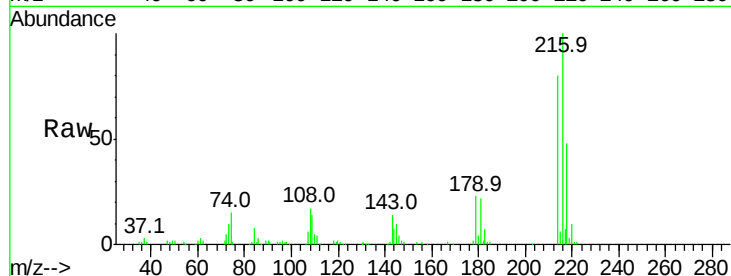




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.73 ng
 RT: 8.78 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF088272.D
 Acq: 23 Jun 2016 3:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	80.2	2.9	4.3#
179	23.3	0.0	0.0#
108	19.3	0.5	0.7#



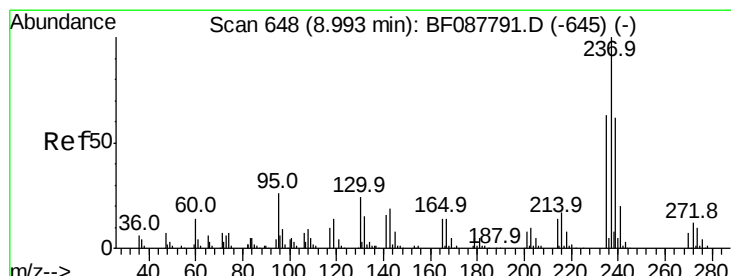
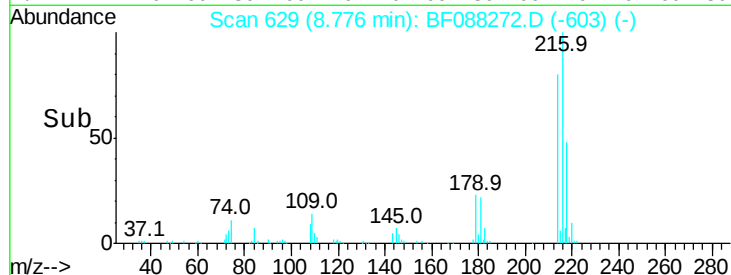
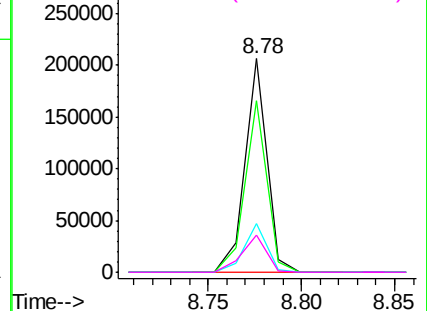
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

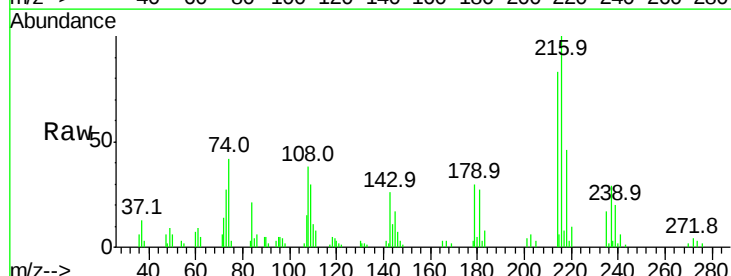
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 4.40 ng
 RT: 8.76 min Scan# 628
 Delta R.T. 0.01 min
 Lab File: BF088272.D
 Acq: 23 Jun 2016 3:35

Tgt Ion	Ratio	Lower	Upper
237	100		
235	59.5	43.4	83.4
272	14.2	0.0	32.3

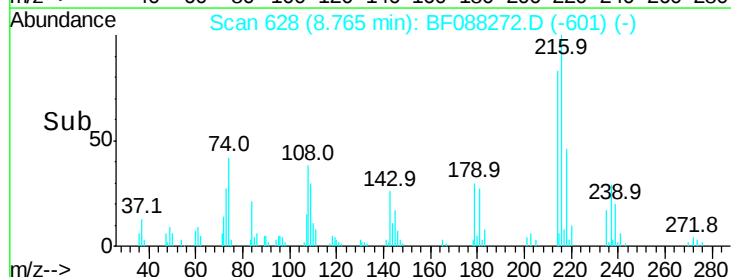
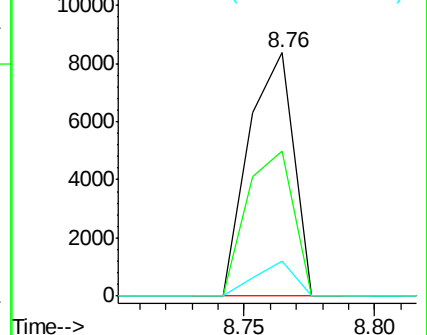


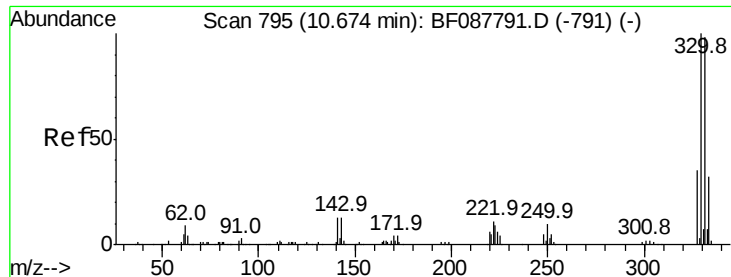
Abundance

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

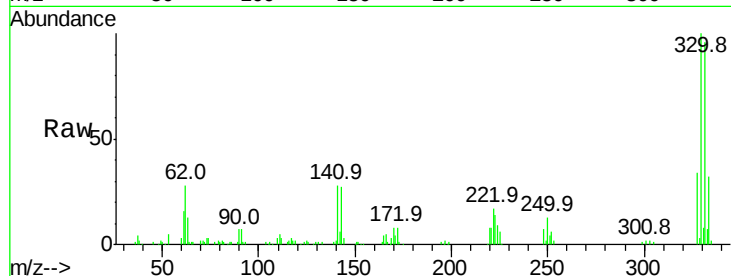




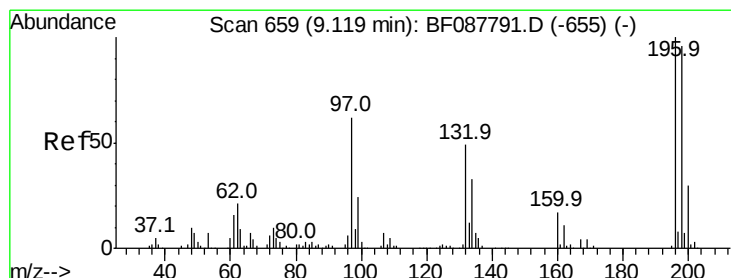
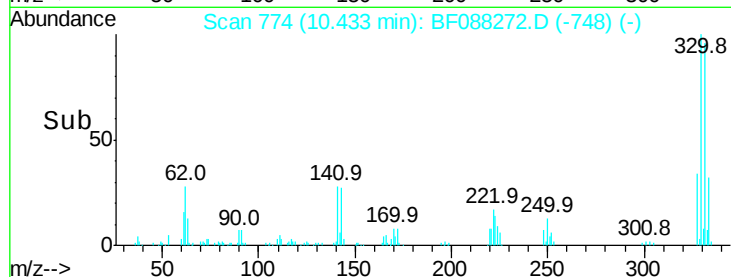
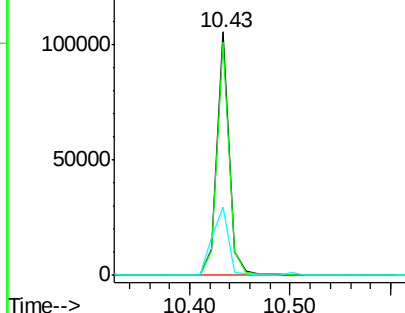
#41
 2,4,6-Tribromophenol
 Concen: 60.30 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BF088272.D
 Acq: 23 Jun 2016 3:35

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:330 Resp: 90420
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 37.1 0.0 0.0#

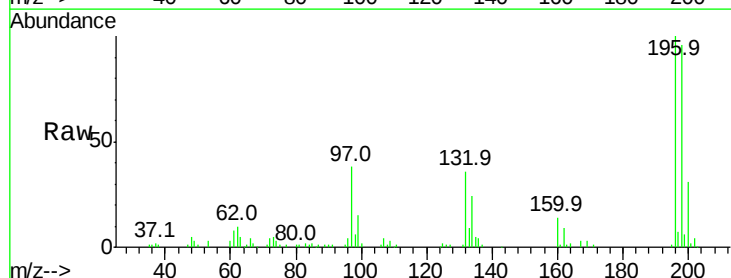


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

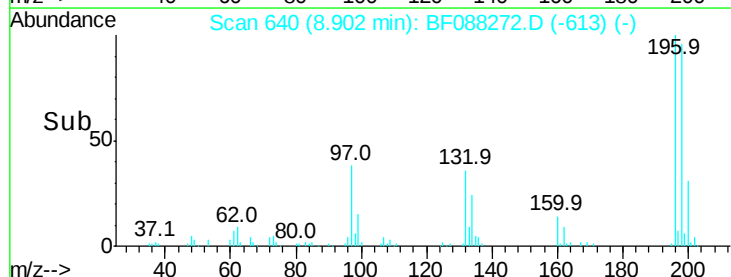
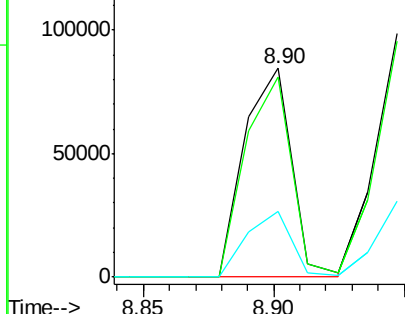


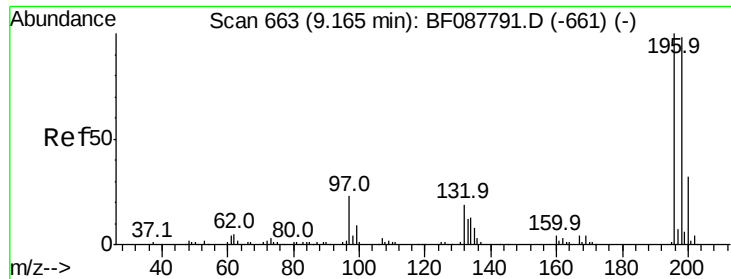
#42
 2,4,6-Trichlorophenol
 Concen: 37.72 ng
 RT: 8.90 min Scan# 640
 Delta R.T. 0.01 min
 Lab File: BF088272.D
 Acq: 23 Jun 2016 3:35

Tgt Ion:196 Resp: 107119
 Ion Ratio Lower Upper
 196 100
 198 96.1 78.0 117.0
 200 31.5 25.4 38.2



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

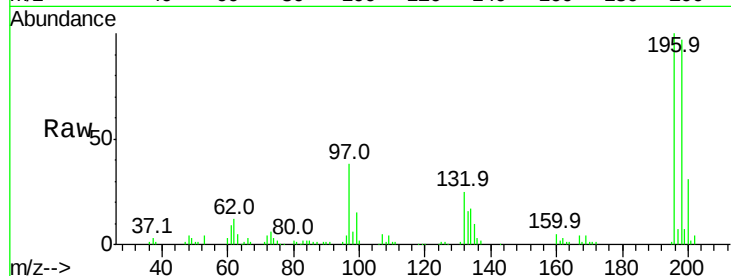




#43
 2,4,5-Trichlorophenol
 Concen: 36.04 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.01 min
 Lab File: BF088272.D
 Acq: 23 Jun 2016 3:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.1	77.5	116.3
97	37.7	32.0	48.0
132	25.2	20.9	31.3



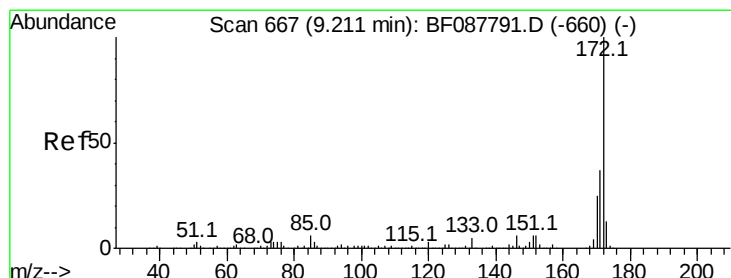
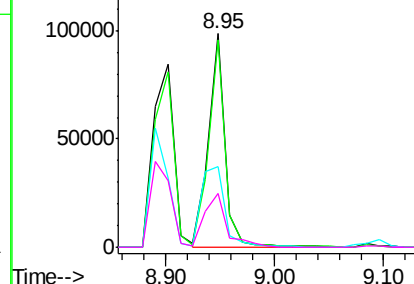
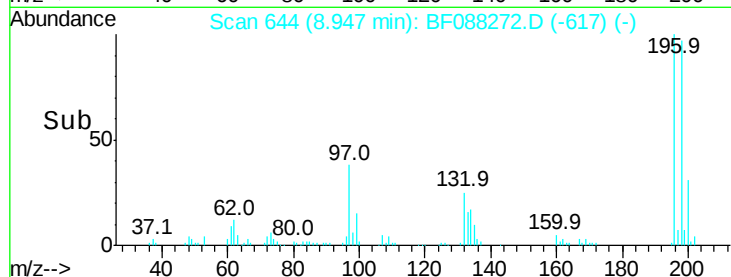
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

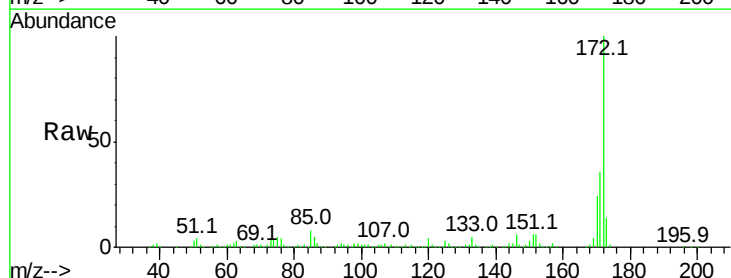
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.72 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.00 min
 Lab File: BF088272.D
 Acq: 23 Jun 2016 3:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.1	19.2	28.8

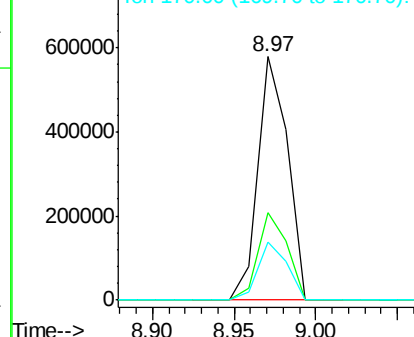
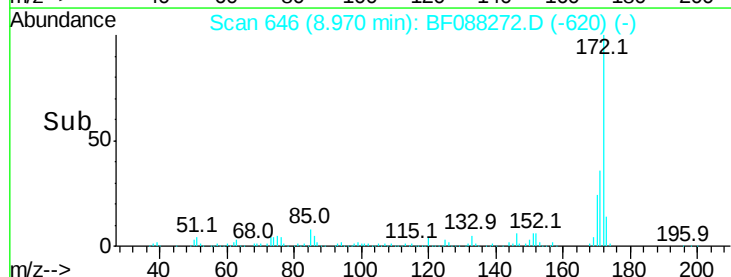


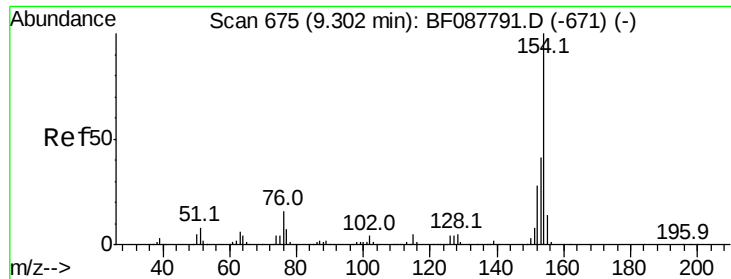
Abundance

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

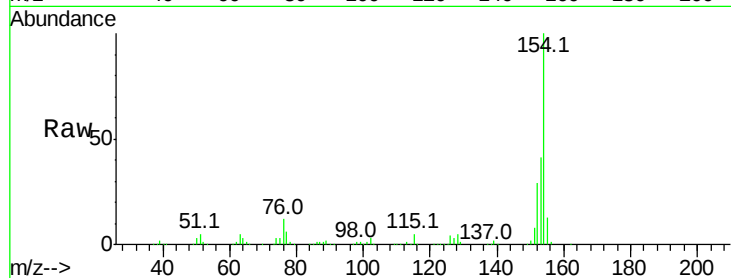




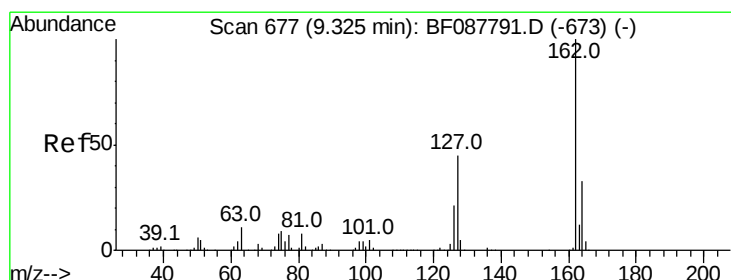
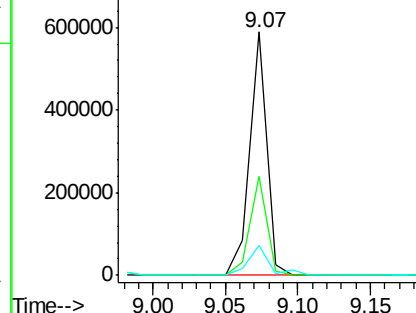
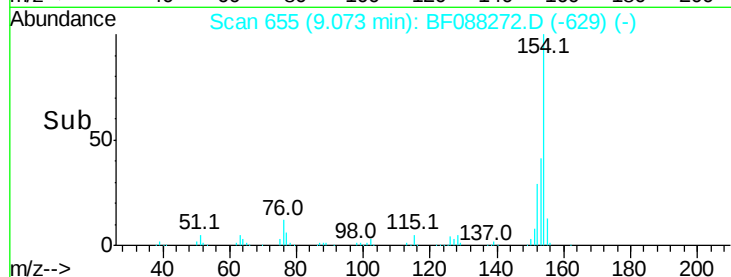
#45
 1,1'-Biphenyl
 Concen: 45.26 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.00 min
 Lab File: BF088272.D
 Acq: 23 Jun 2016 3:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 481998
 Ion Ratio Lower Upper
 154 100
 153 40.9 20.6 60.6
 76 12.1 0.0 35.1

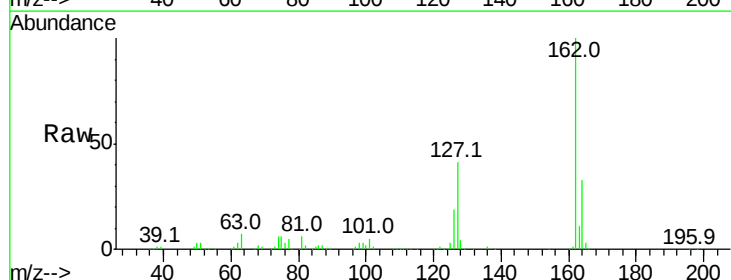


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

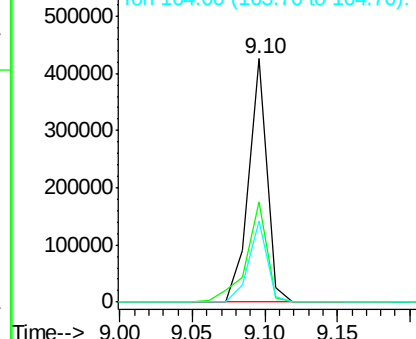
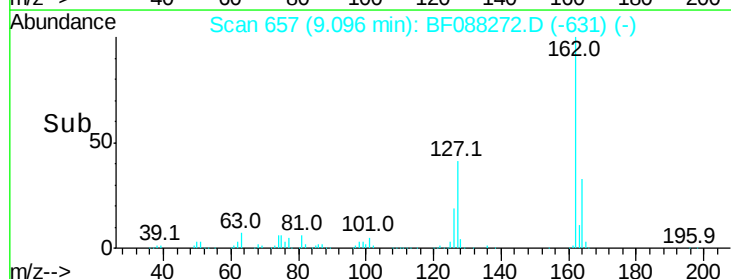


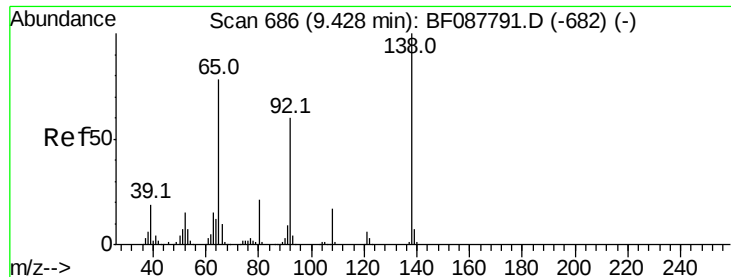
#46
 2-Chloronaphthalene
 Concen: 40.67 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: BF088272.D
 Acq: 23 Jun 2016 3:35

Tgt Ion:162 Resp: 373726
 Ion Ratio Lower Upper
 162 100
 127 41.0 35.2 52.8
 164 33.1 26.6 39.8



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: 35.97 ng

RT: 9.20 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF088272.D

Acq: 23 Jun 2016 3:35

Instrument :

BNA_F

ClientSampleId :

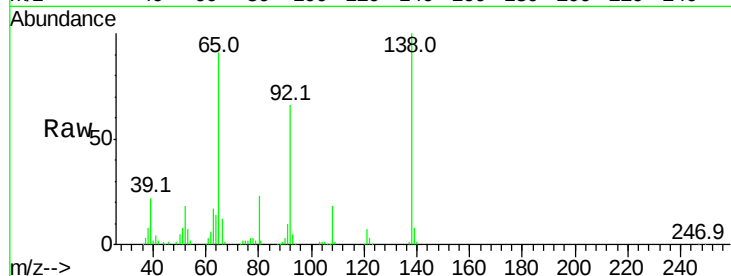
Tot Ion: 65 Resp: 97494

Ion Ratio Lower Upper

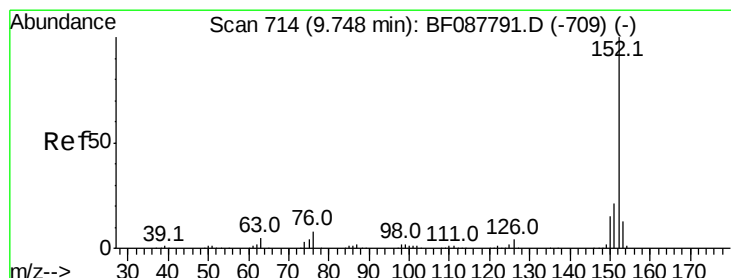
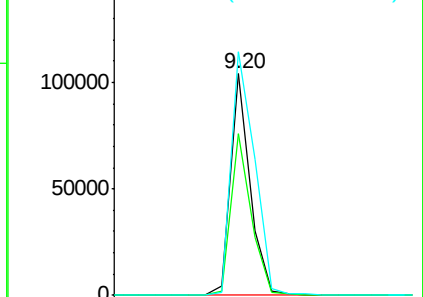
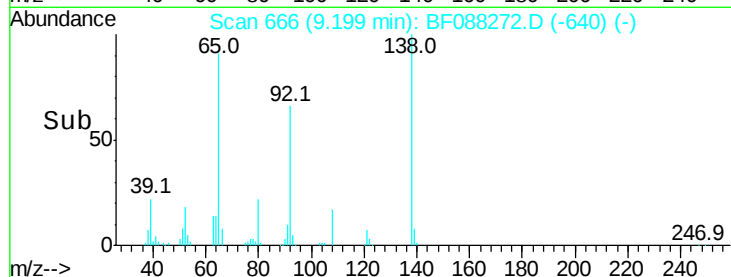
65 100

92 72.9 54.6 82.0

138 109.9 77.0 115.4



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: 37.86 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF088272.D

Acq: 23 Jun 2016 3:35

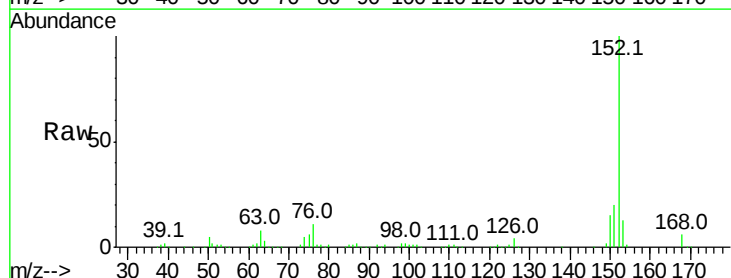
Tgt Ion: 152 Resp: 553443

Ion Ratio Lower Upper

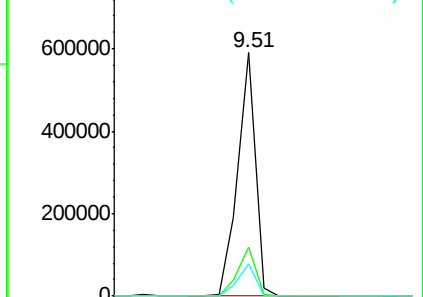
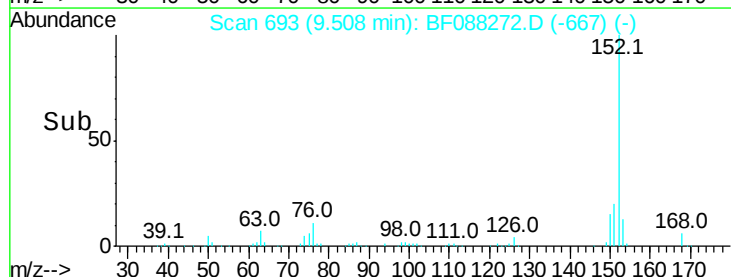
152 100

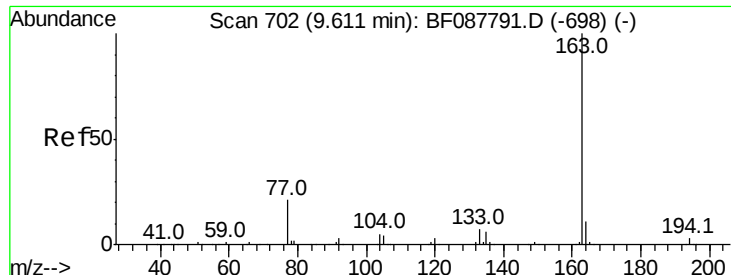
151 20.4 16.2 24.4

153 13.4 11.0 16.6



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

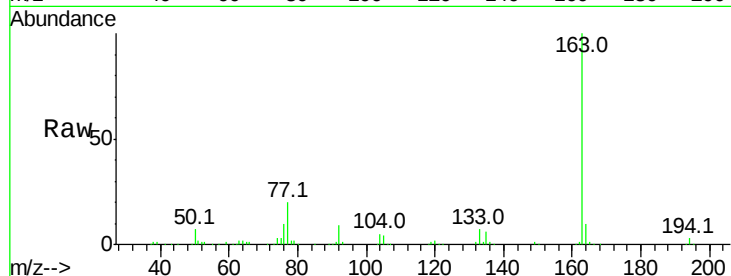




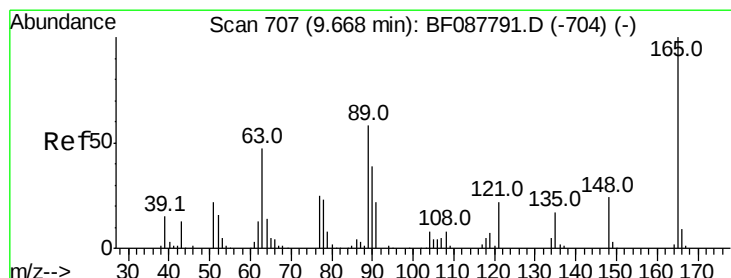
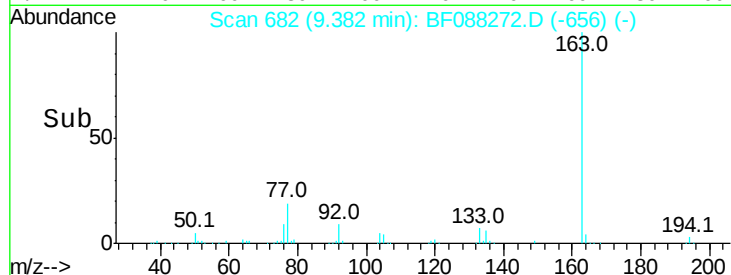
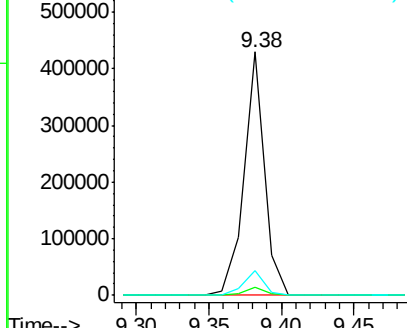
#49
Dimethylphthalate
Concen: 40.75 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF088272.D
Acq: 23 Jun 2016 3:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 419178
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.3 8.3 12.5

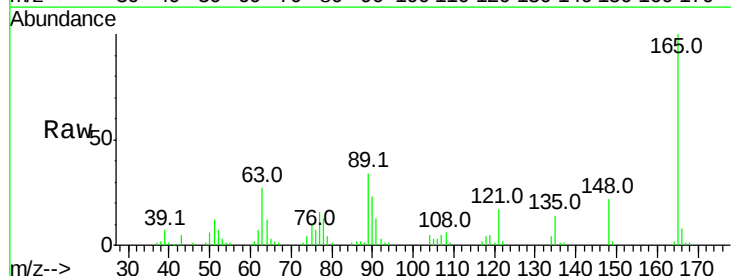


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

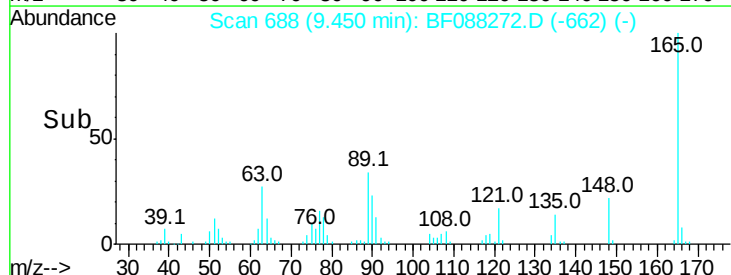
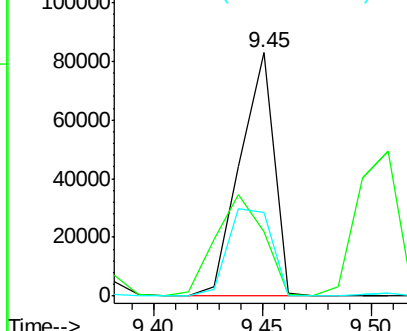


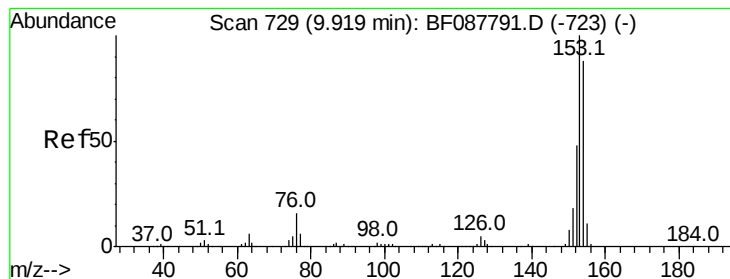
#50
2,6-Dinitrotoluene
Concen: 38.17 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF088272.D
Acq: 23 Jun 2016 3:35

Tgt Ion:165 Resp: 89911
Ion Ratio Lower Upper
165 100
63 26.7 28.1 42.1#
89 34.2 32.2 48.2



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: 36.72 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF088272.D

Acq: 23 Jun 2016 3:35

Instrument :

BNA_F

ClientSampled :

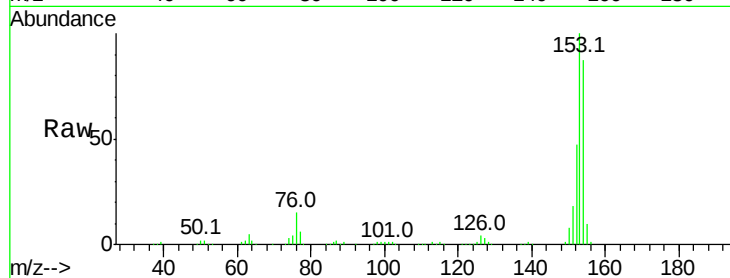
Tot Ion:154 Resp: 334855

Ion Ratio Lower Upper

154 100

153 115.0 89.5 134.3

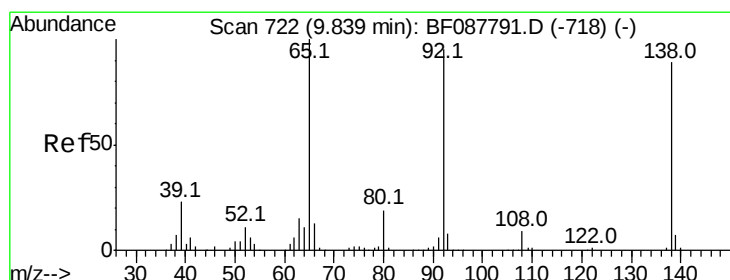
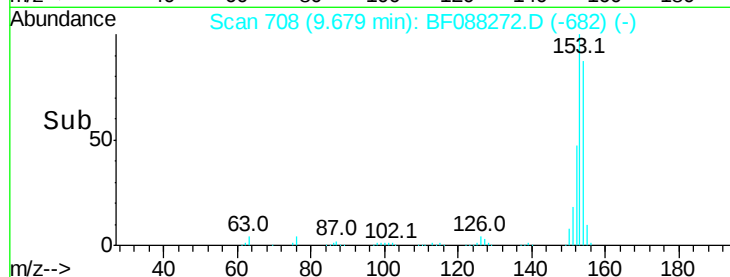
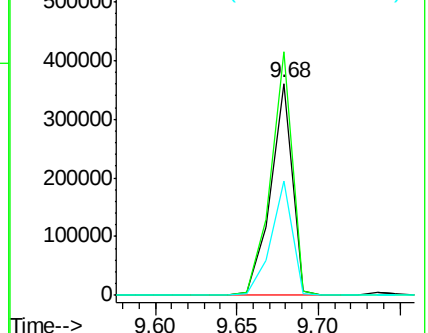
152 54.3 42.7 64.1



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: 37.72 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.00 min

Lab File: BF088272.D

Acq: 23 Jun 2016 3:35

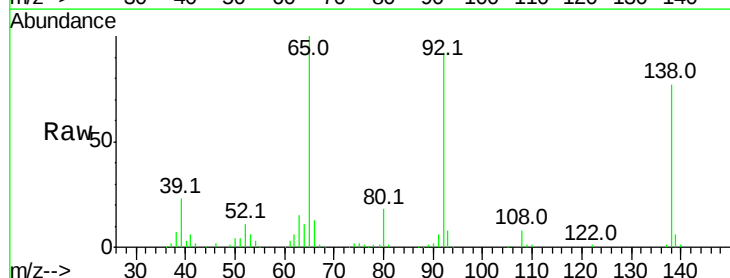
Tgt Ion:138 Resp: 102523

Ion Ratio Lower Upper

138 100

108 10.9 8.5 12.7

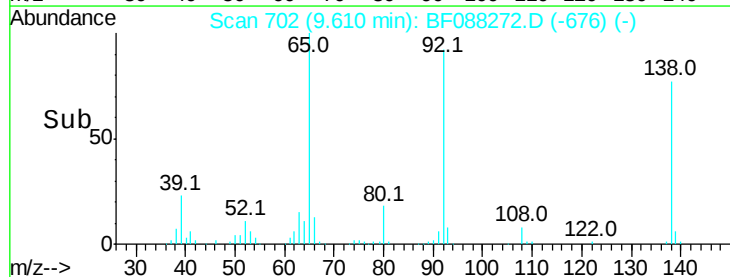
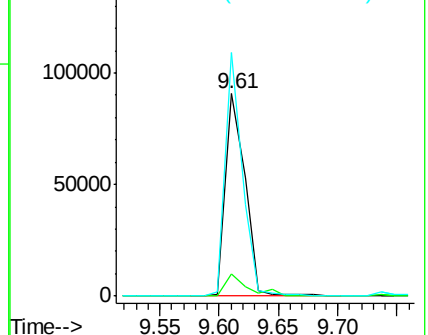
92 120.4 95.7 143.5

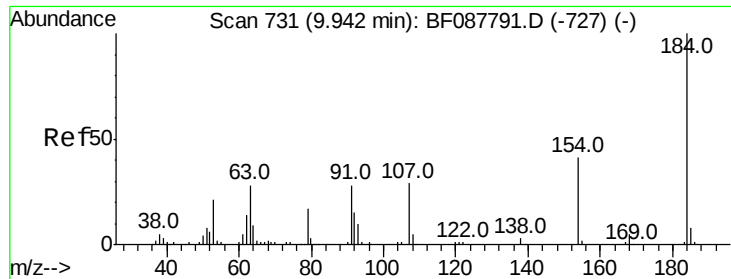


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

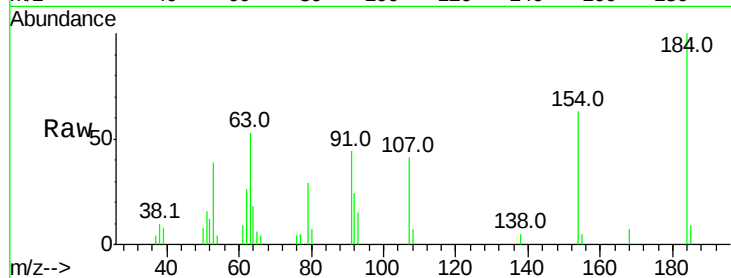




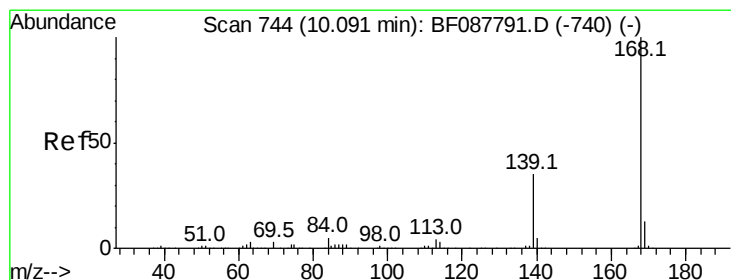
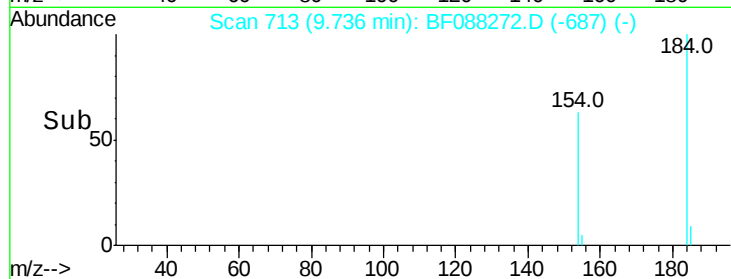
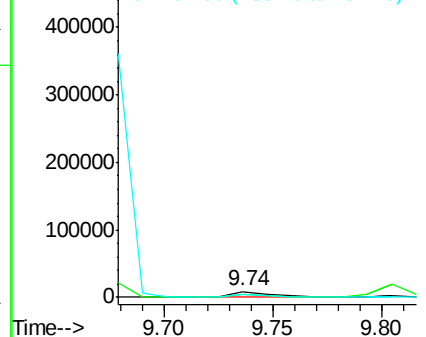
#53
 2,4-Dinitrophenol
 Concen: 13.78 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BF088272.D
 Acq: 23 Jun 2016 3:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 11716
 Ion Ratio Lower Upper
 184 100
 63 53.1 57.6 86.4#
 154 62.8 53.5 80.3

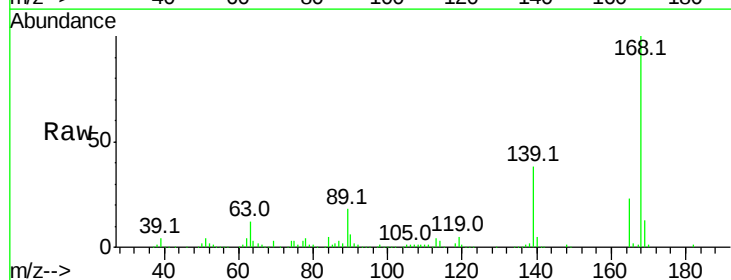


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

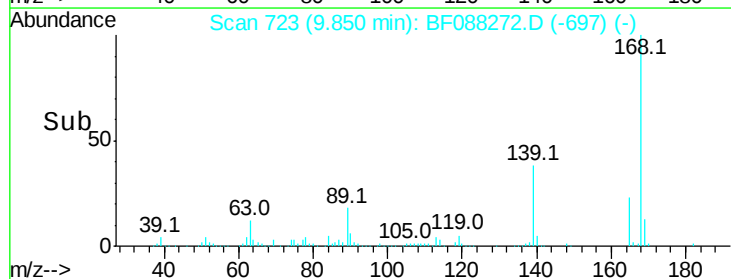
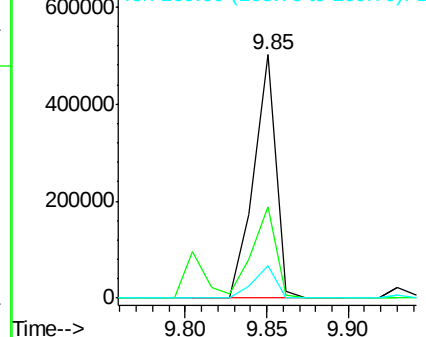


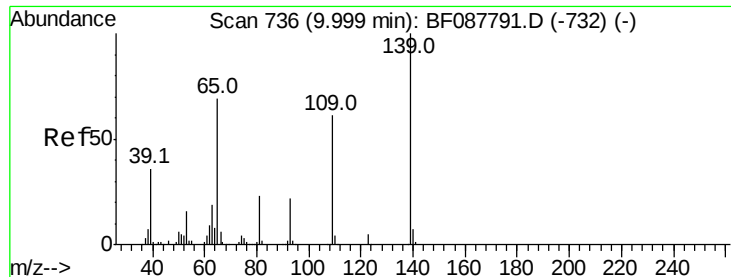
#54
 Dibenzofuran
 Concen: 37.74 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: BF088272.D
 Acq: 23 Jun 2016 3:35

Tgt Ion:168 Resp: 473953
 Ion Ratio Lower Upper
 168 100
 139 37.6 26.4 39.6
 169 13.2 10.4 15.6



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

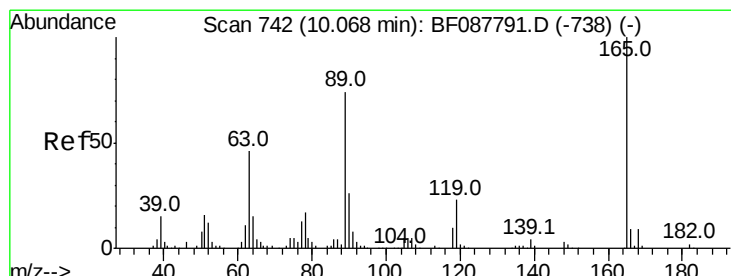
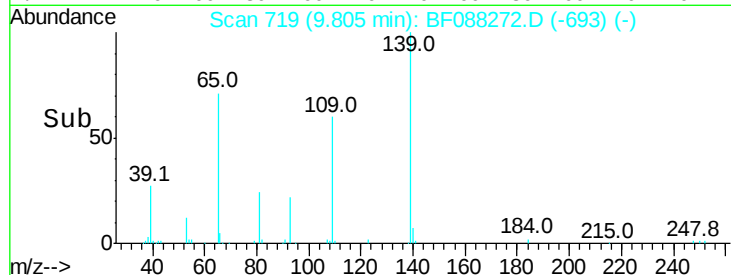
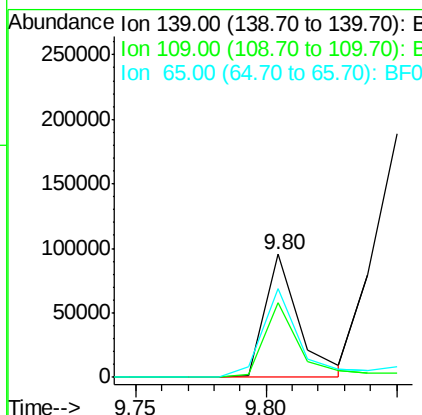
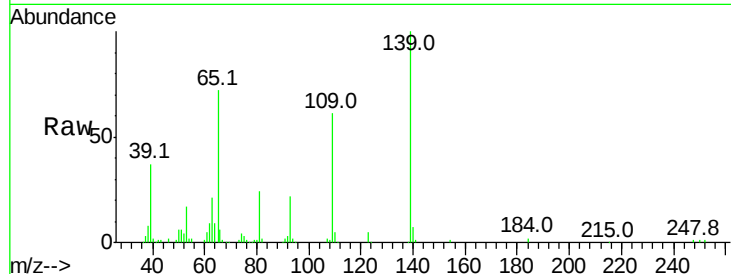




#55
4-Nitrophenol
Concen: 41.29 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.00 min
Lab File: BF088272.D
Acq: 23 Jun 2016 3:35

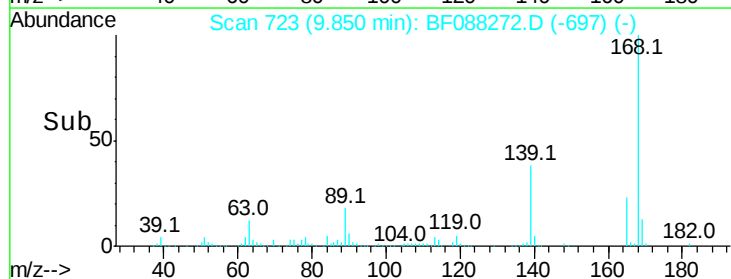
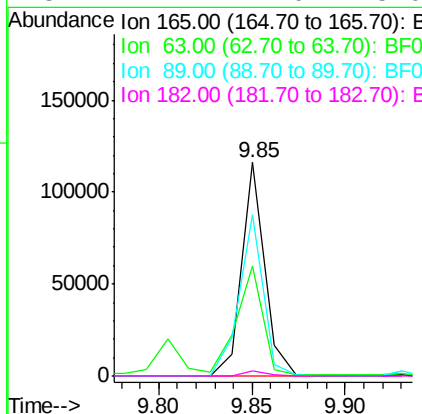
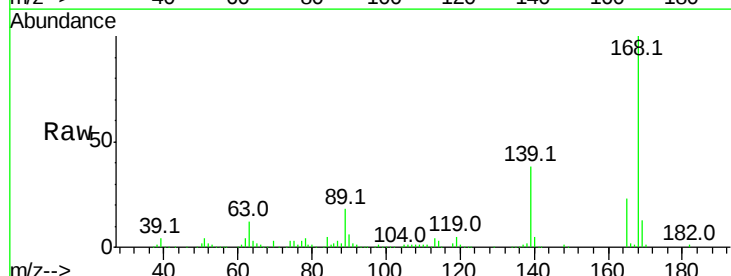
Instrument :
BNA_F
ClientSampleId :

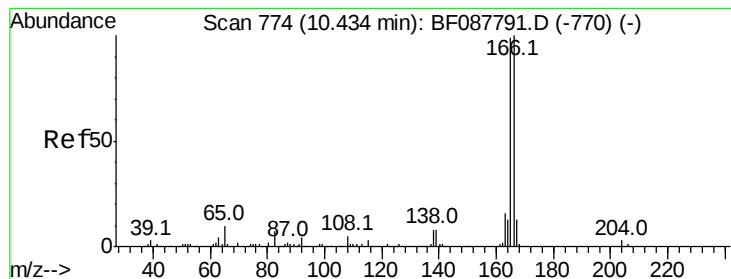
Tot Ion:139 Resp: 87112
Ion Ratio Lower Upper
139 100
109 60.9 48.9 88.9
65 72.0 84.9 124.9#



#56
2,4-Dinitrotoluene
Concen: 32.86 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF088272.D
Acq: 23 Jun 2016 3:35

Tgt Ion:165 Resp: 99493
Ion Ratio Lower Upper
165 100
63 51.7 22.0 33.0#
89 75.8 41.1 61.7#
182 2.4 2.0 3.0





#57

Fluorene

Concen: 42.98 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF088272.D

Acq: 23 Jun 2016 3:35

Instrument :

BNA_F

ClientSampleId :

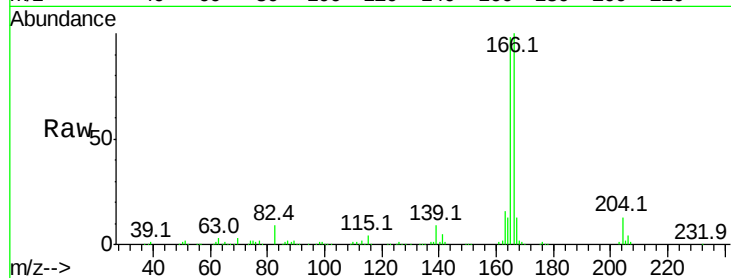
Tot Ion:166 Resp: 366582

Ion Ratio Lower Upper

166 100

165 98.4 77.8 116.8

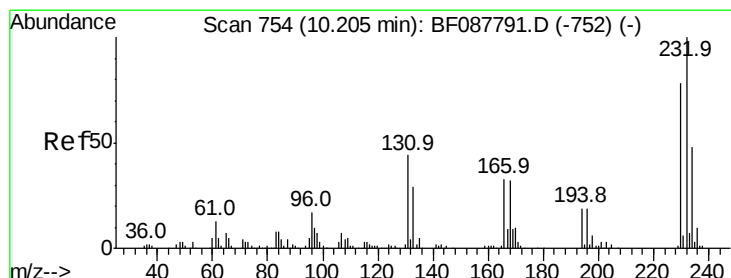
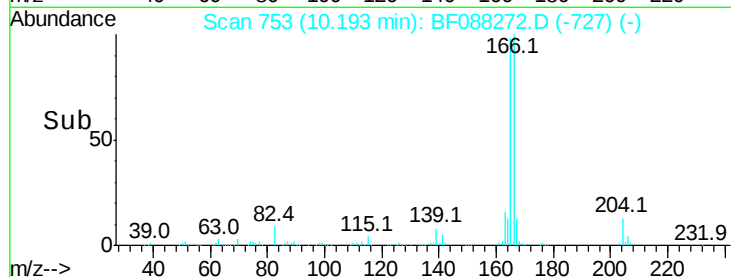
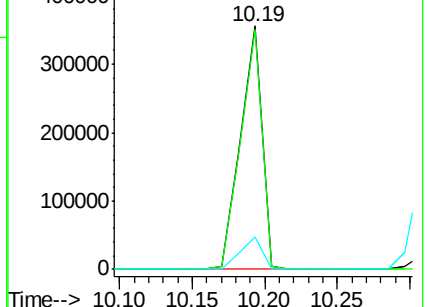
167 13.1 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.35 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF088272.D

Acq: 23 Jun 2016 3:35

Tgt Ion:232 Resp: 86712

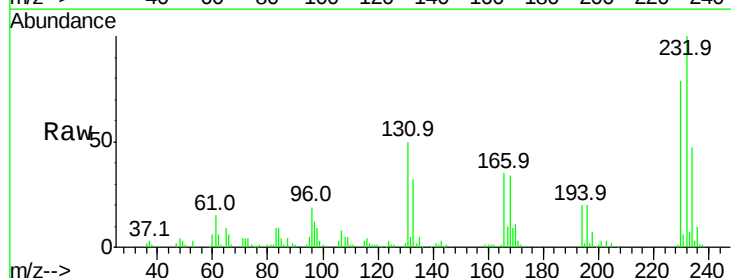
Ion Ratio Lower Upper

232 100

131 47.4 0.9 1.3#

130 2.0 1.5 2.3

166 32.4 0.5 0.7#

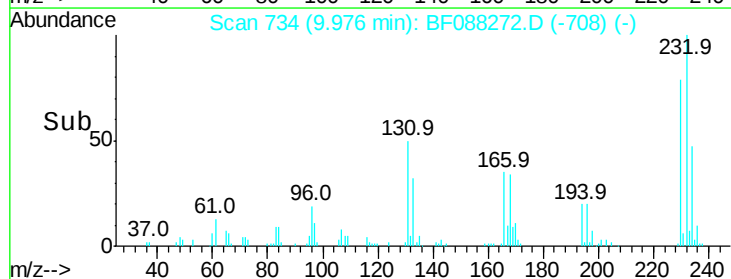
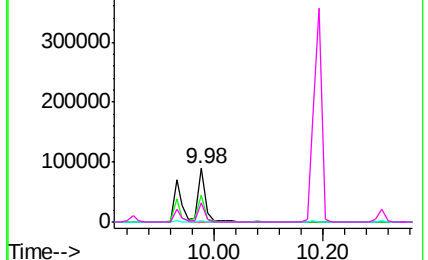


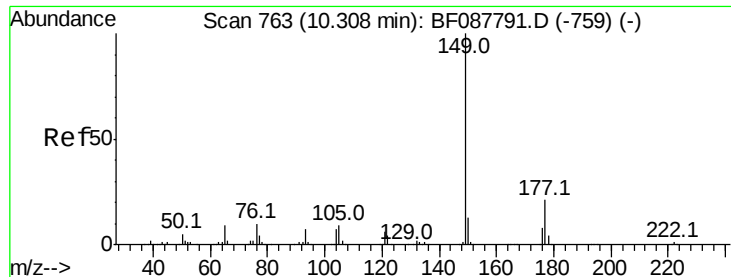
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

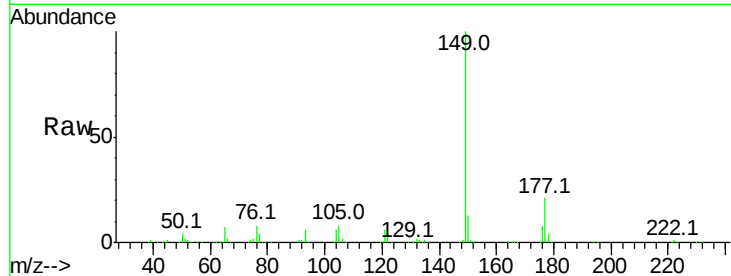




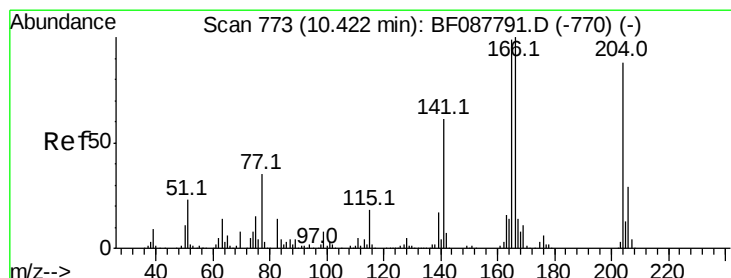
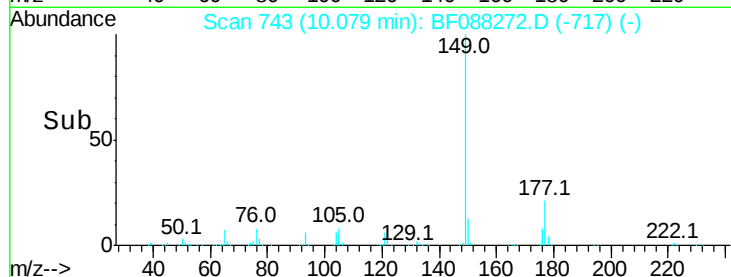
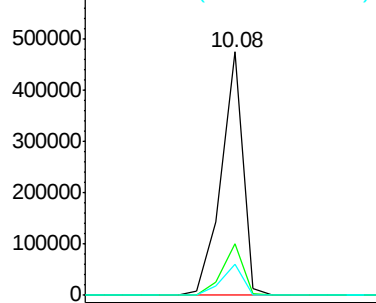
#59
Diethylphthalate
Concen: 42.12 ng
RT: 10.08 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF088272.D
Acq: 23 Jun 2016 3:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 438573
Ion Ratio Lower Upper
149 100
177 21.1 16.9 25.3
150 12.6 10.1 15.1

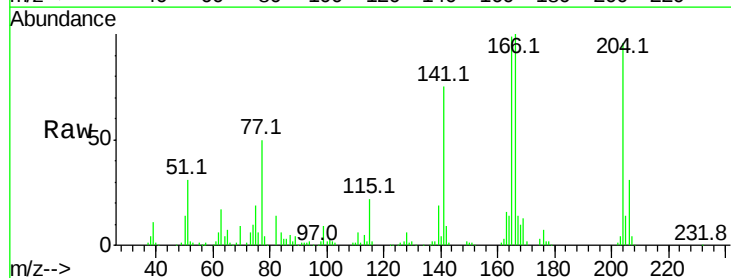


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

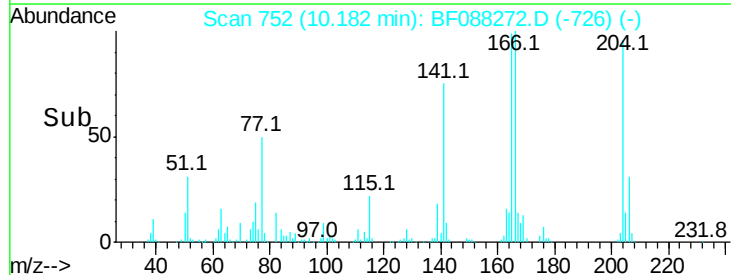
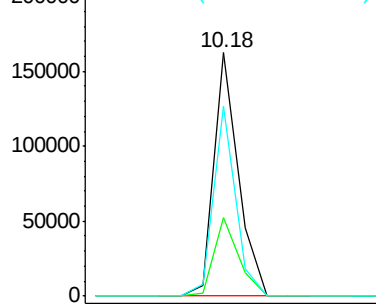


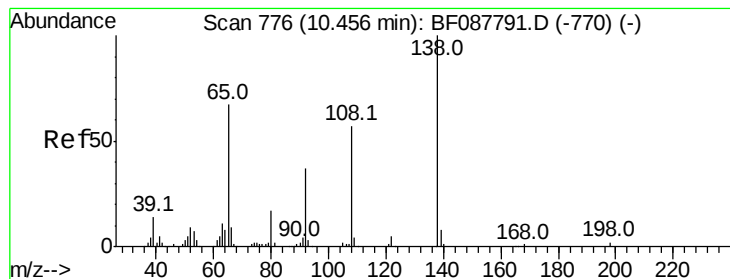
#60
4-Chlorophenyl-phenylether
Concen: 35.36 ng
RT: 10.18 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF088272.D
Acq: 23 Jun 2016 3:35

Tgt Ion:204 Resp: 147679
Ion Ratio Lower Upper
204 100
206 32.1 26.3 39.5
141 77.9 55.0 82.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.27 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF088272.D

Acq: 23 Jun 2016 3:35

Instrument :

BNA_F

ClientSampled :

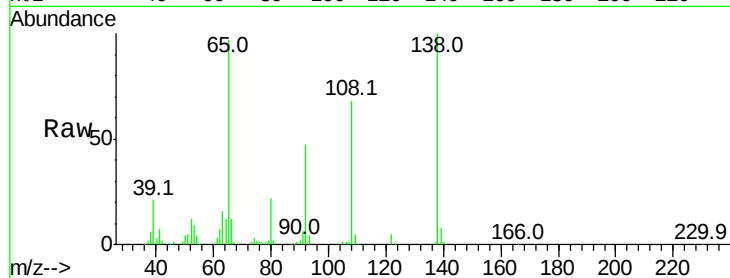
Tot Ion:138 Resp: 108991

Ion Ratio Lower Upper

138 100

92 47.5 27.3 67.3

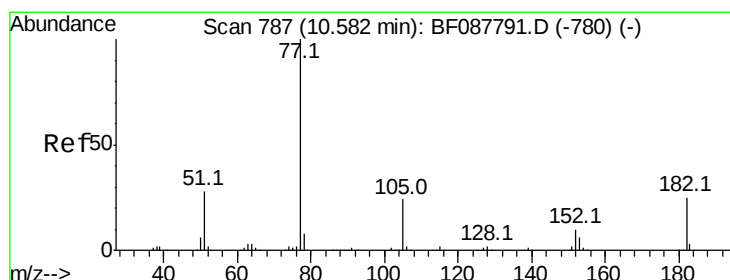
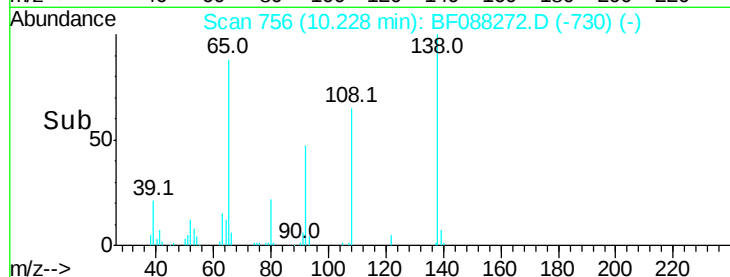
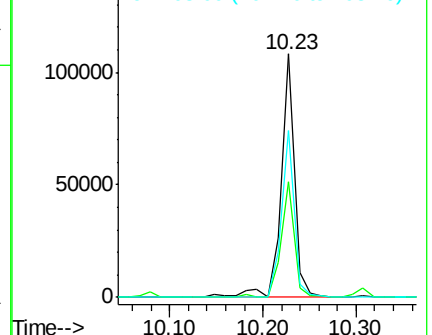
108 68.3 46.7 86.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.73 ng

RT: 10.34 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF088272.D

Acq: 23 Jun 2016 3:35

Tgt Ion: 77 Resp: 378147

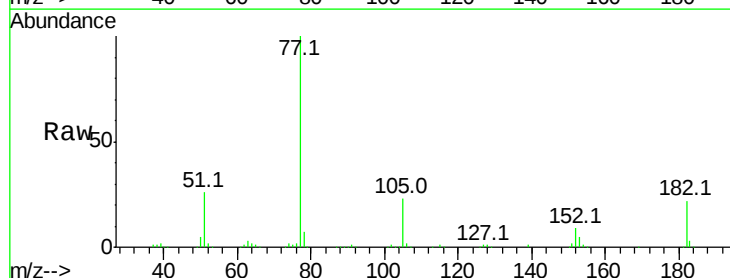
Ion Ratio Lower Upper

77 100

182 22.1 4.4 44.4

105 23.1 3.8 43.8

51 26.1 9.3 49.3

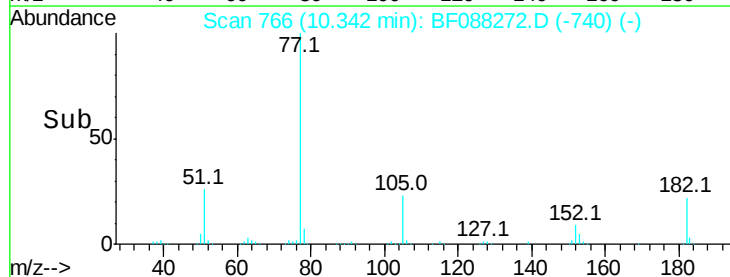
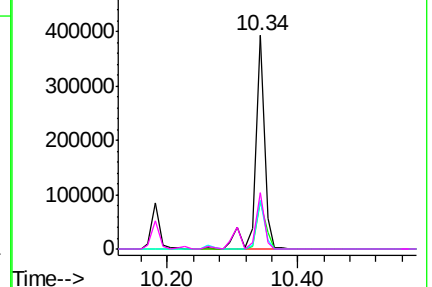


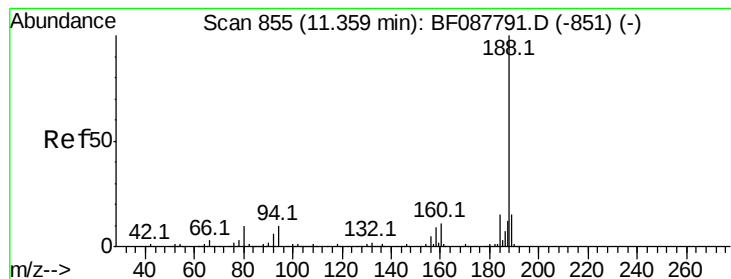
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF088272.D

Acq: 23 Jun 2016 3:35

Instrument :

BNA_F

ClientSampleId :

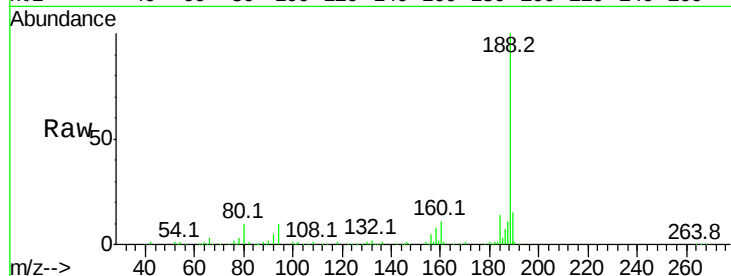
Tot Ion:188 Resp: 216121

Ion Ratio Lower Upper

188 100

94 9.8 9.0 13.6

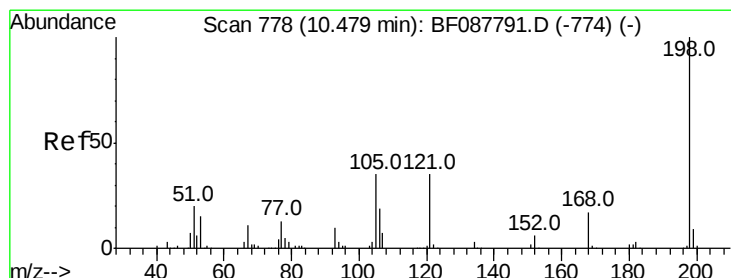
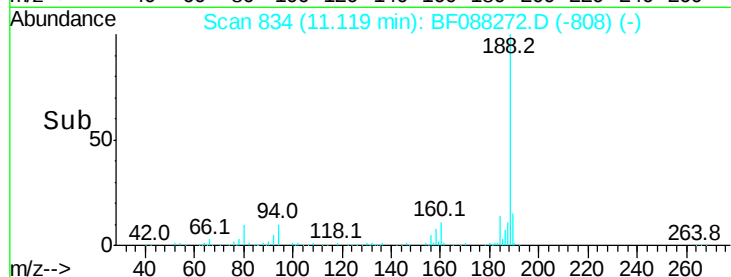
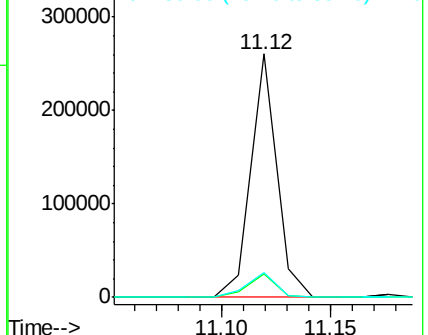
80 10.4 10.0 15.0



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: 13.15 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF088272.D

Acq: 23 Jun 2016 3:35

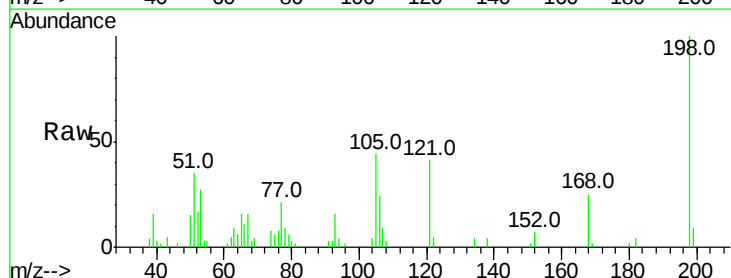
Tgt Ion:198 Resp: 15529

Ion Ratio Lower Upper

198 100

51 34.8 39.6 79.6#

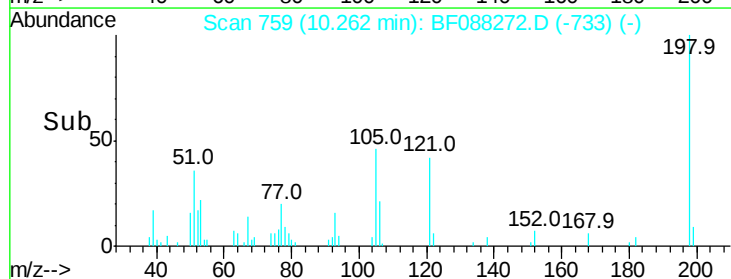
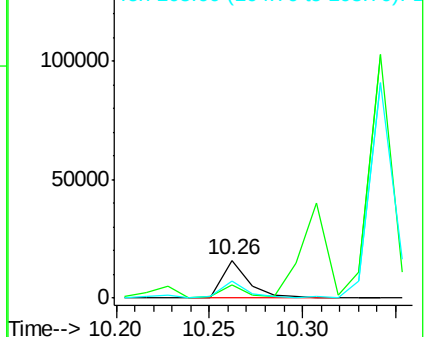
105 44.3 36.6 76.6

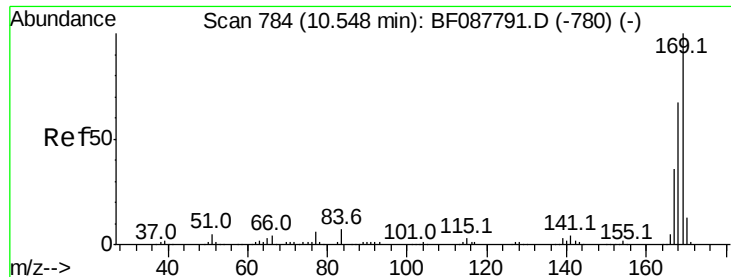


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

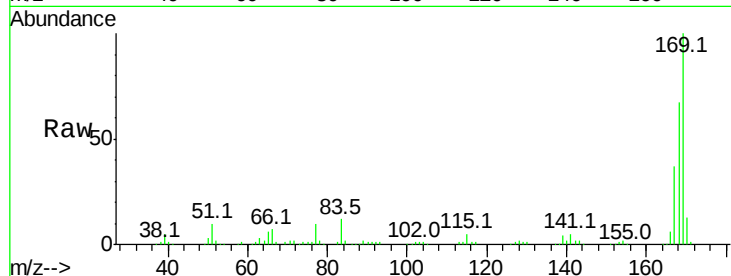




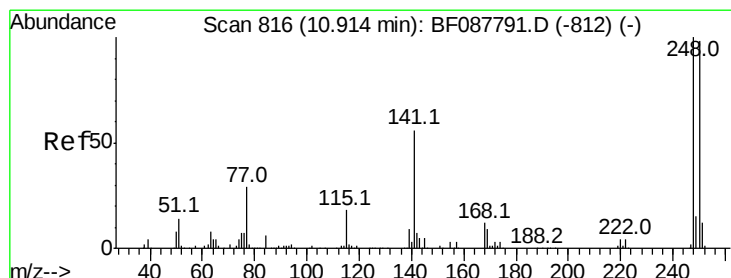
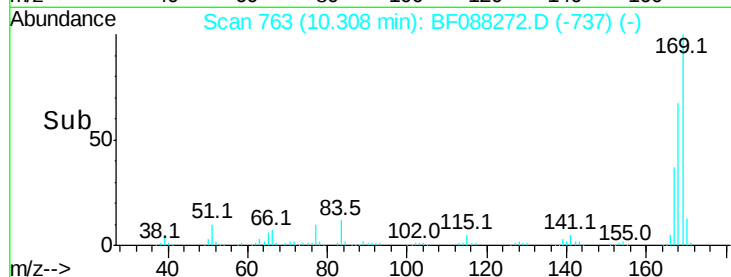
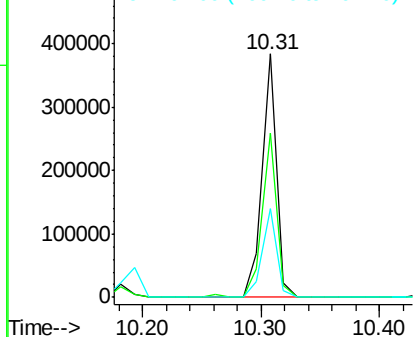
#65
 n-Nitrosodiphenylamine
 Concen: 45.76 ng
 RT: 10.31 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BF088272.D
 Acq: 23 Jun 2016 3:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 328196
 Ion Ratio Lower Upper
 169 100
 168 67.2 53.4 80.0
 167 36.6 29.4 44.0

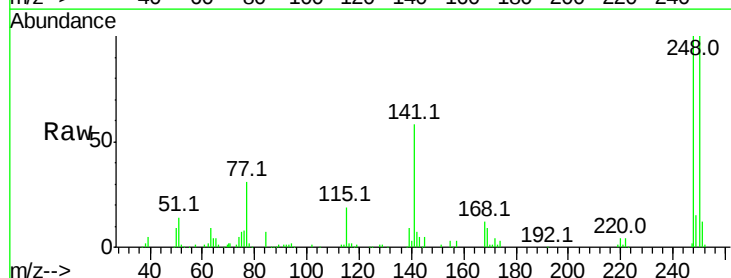


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

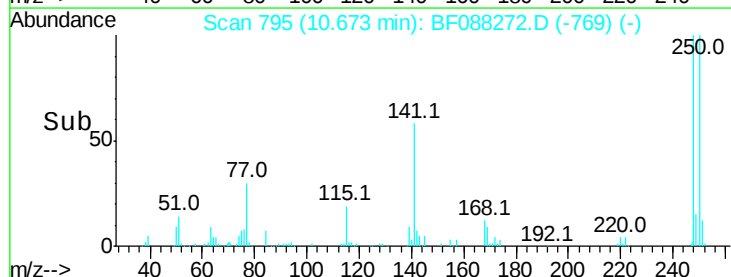
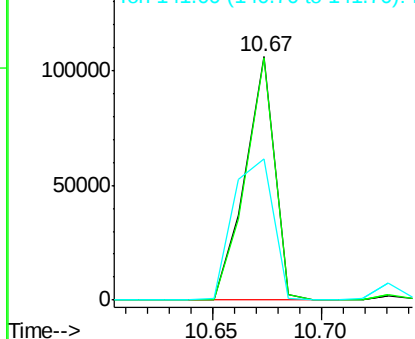


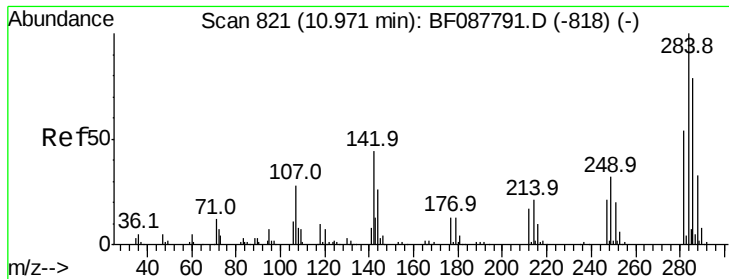
#66
 4-Bromophenyl-phenylether
 Concen: 43.11 ng
 RT: 10.67 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF088272.D
 Acq: 23 Jun 2016 3:35

Tgt Ion:248 Resp: 99959
 Ion Ratio Lower Upper
 248 100
 250 99.6 77.1 115.7
 141 58.1 50.6 76.0



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

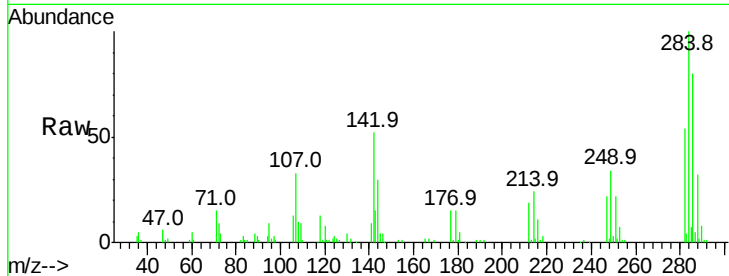




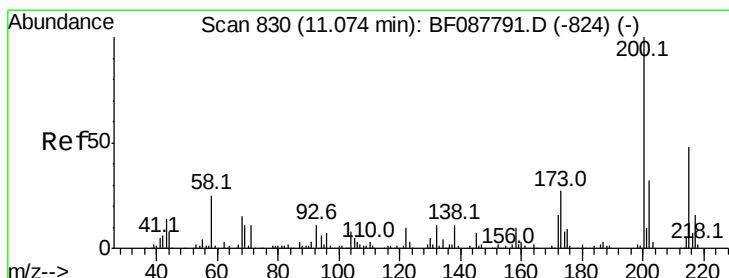
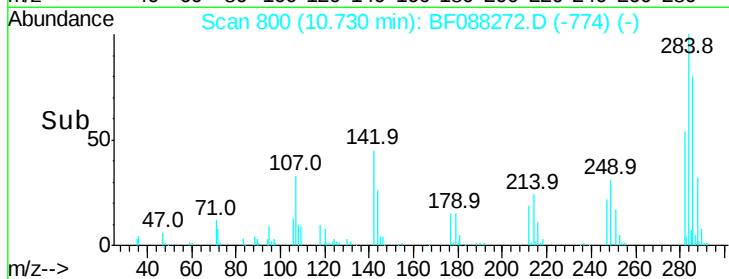
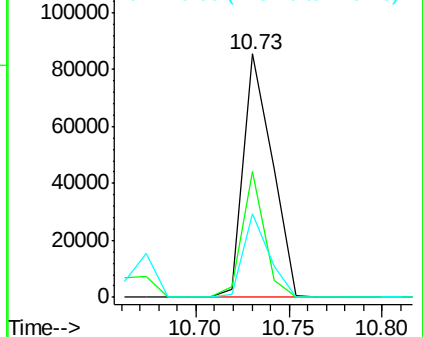
#67
Hexachlorobenzene
Concen: 38.10 ng
RT: 10.73 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF088272.D
Acq: 23 Jun 2016 3:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 91796
Ion Ratio Lower Upper
284 100
142 51.9 35.8 53.8
249 34.1 25.8 38.6

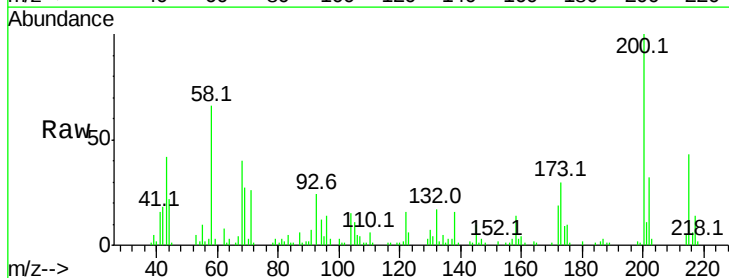


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

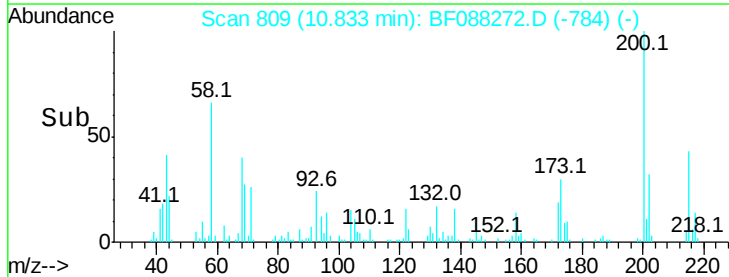
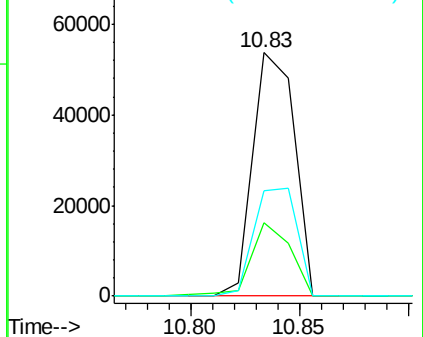


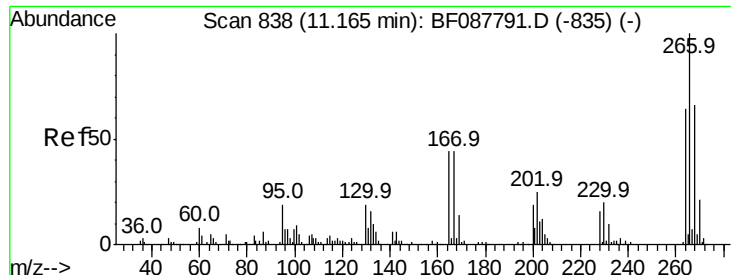
#68
Atrazine
Concen: 33.13 ng
RT: 10.83 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF088272.D
Acq: 23 Jun 2016 3:35

Tgt Ion:200 Resp: 71948
Ion Ratio Lower Upper
200 100
173 30.0 4.0 44.0
215 43.3 29.3 69.3



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

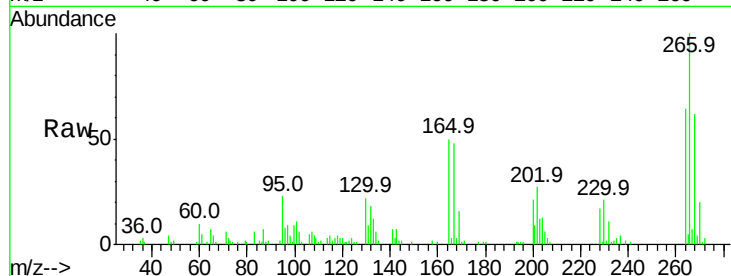




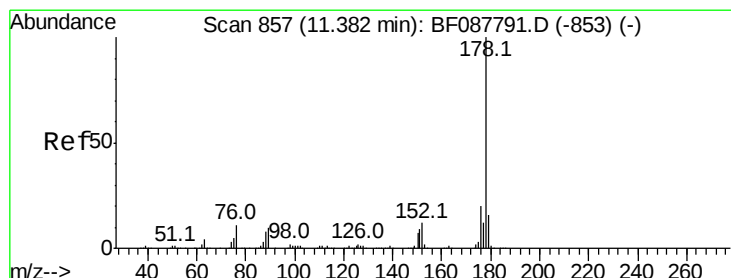
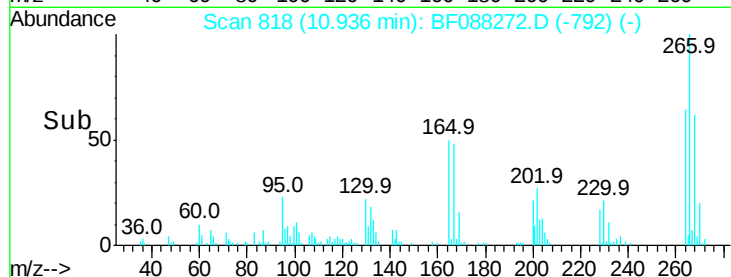
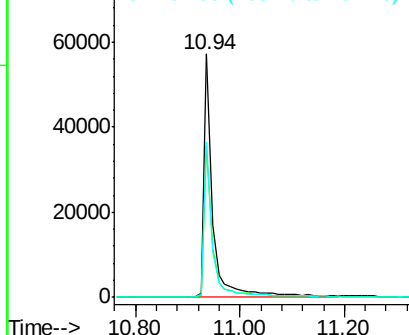
#69
 Pentachlorophenol
 Concen: 54.55 ng
 RT: 10.94 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF088272.D
 Acq: 23 Jun 2016 3:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.0	52.8	79.2
264	63.5	49.6	74.4

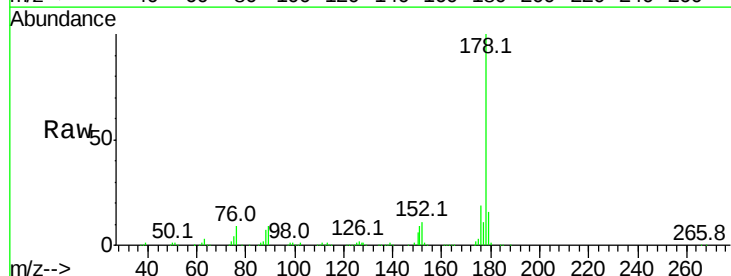


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

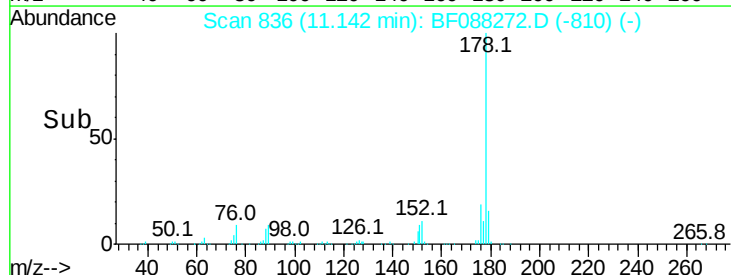
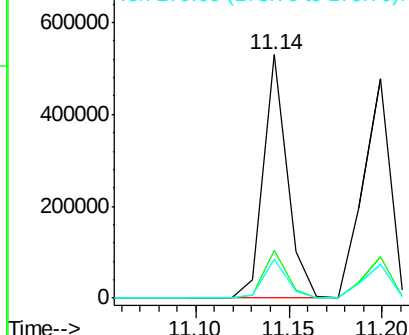


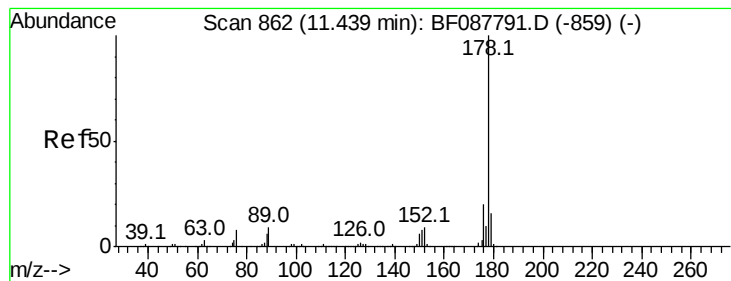
#70
 Phenanthrene
 Concen: 40.89 ng
 RT: 11.14 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BF088272.D
 Acq: 23 Jun 2016 3:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.6
179	15.8	13.0	19.4



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





#71

Anthracene

Concen: 41.69 ng

RT: 11.20 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF088272.D

Acq: 23 Jun 2016 3:35

Instrument :

BNA_F

ClientSampleId :

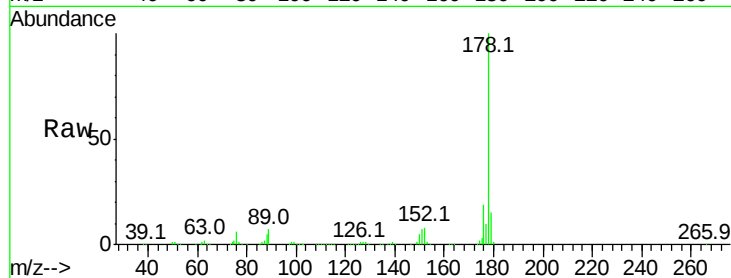
Tot Ion:178 Resp: 476934

Ion Ratio Lower Upper

178 100

176 18.7 15.6 23.4

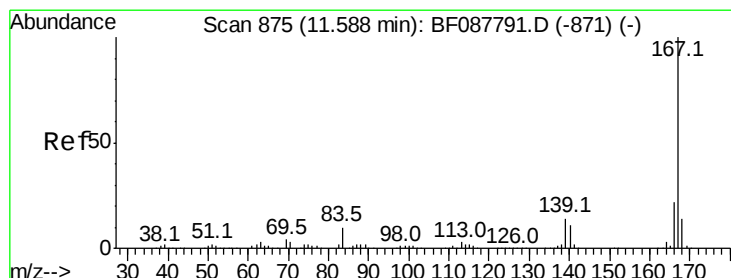
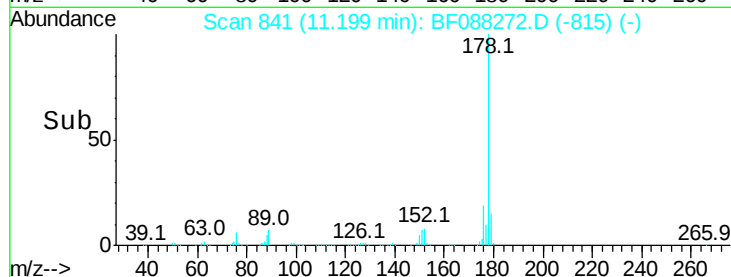
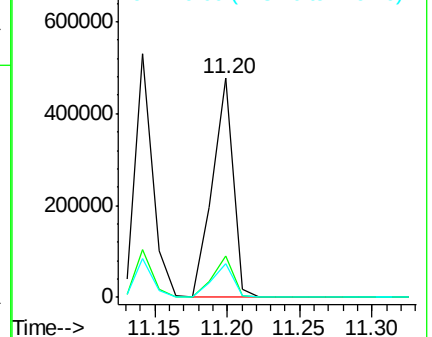
179 15.4 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.32 ng

RT: 11.36 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF088272.D

Acq: 23 Jun 2016 3:35

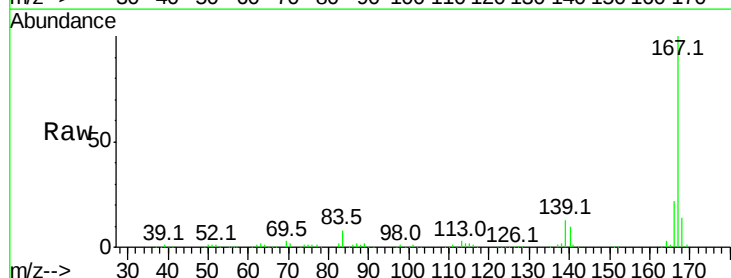
Tgt Ion:167 Resp: 453079

Ion Ratio Lower Upper

167 100

166 21.8 17.8 26.6

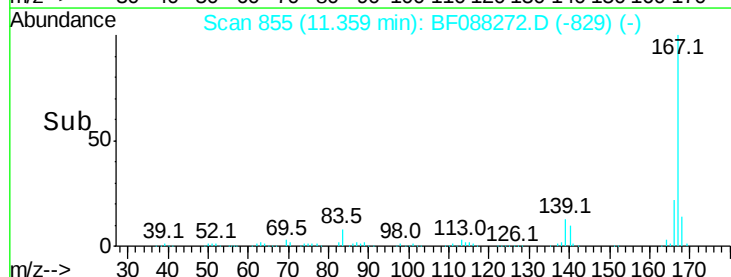
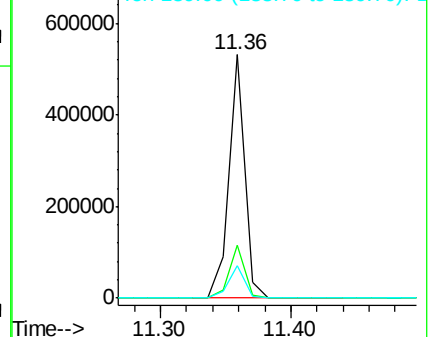
139 13.2 11.2 16.8

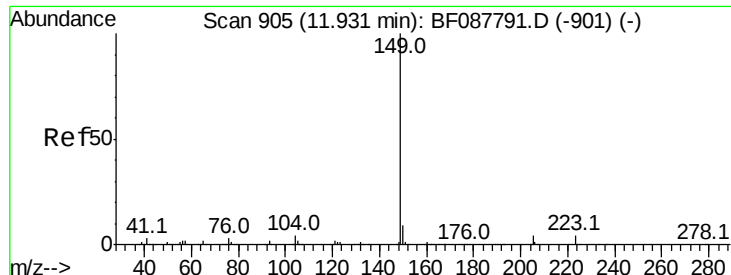


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

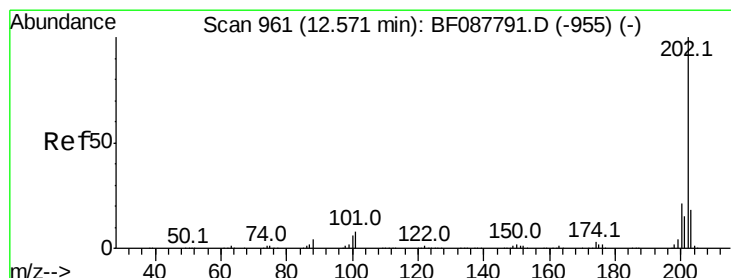
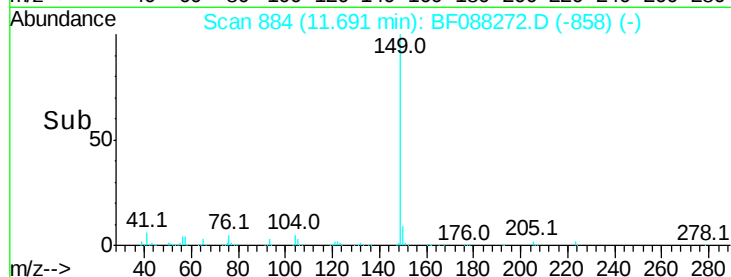
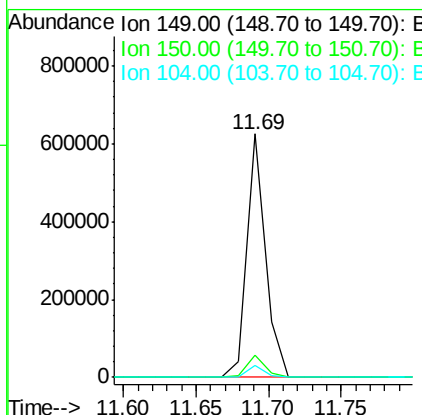
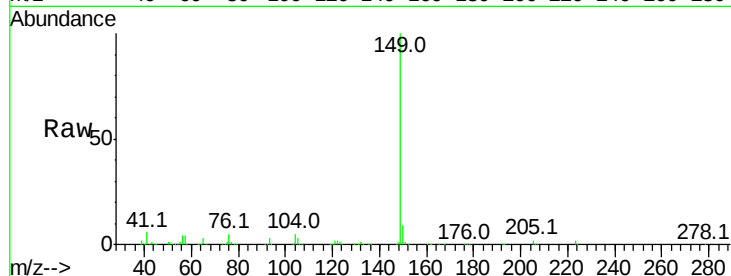




#73
Di-n-butylphthalate
Concen: 41.00 ng
RT: 11.69 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF088272.D
Acq: 23 Jun 2016 3:35

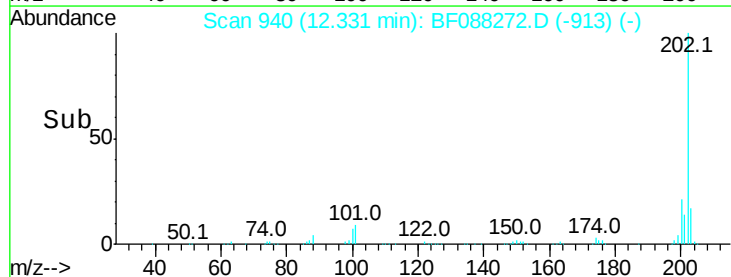
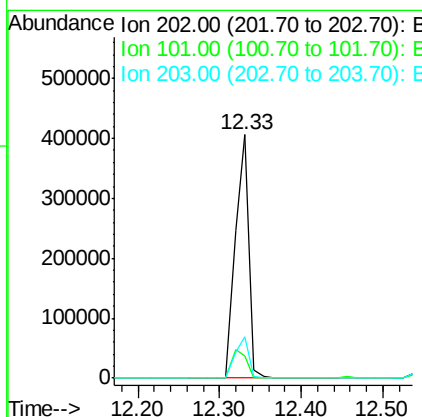
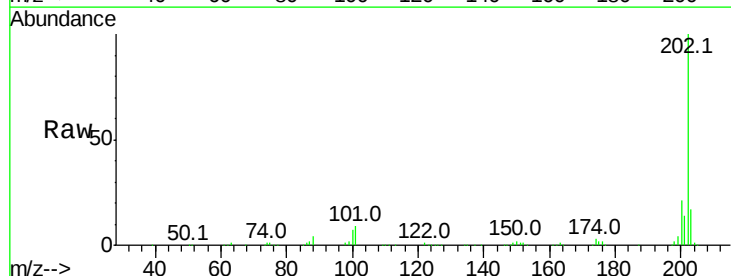
Instrument :
BNA_F
ClientSampleId :

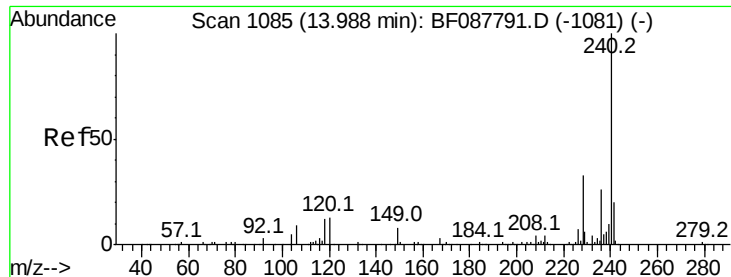
Tot Ion:149 Resp: 555643
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.6
104 4.9 4.0 6.0



#74
Fluoranthene
Concen: 38.49 ng
RT: 12.33 min Scan# 940
Delta R.T. 0.01 min
Lab File: BF088272.D
Acq: 23 Jun 2016 3:35

Tgt Ion:202 Resp: 460690
Ion Ratio Lower Upper
202 100
101 8.9 0.0 33.1
203 17.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BF088272.D

Acq: 23 Jun 2016 3:35

Instrument :

BNA_F

ClientSampleId :

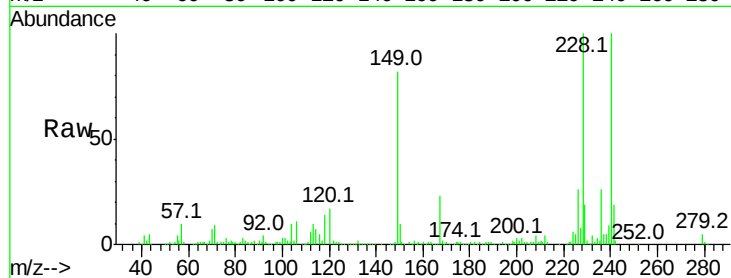
Tot Ion:240 Resp: 165759

Ion Ratio Lower Upper

240 100

120 16.6 6.8 10.2#

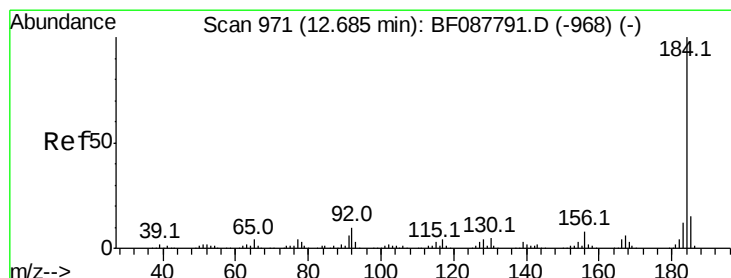
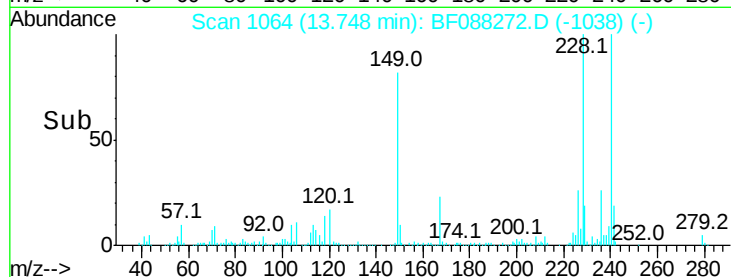
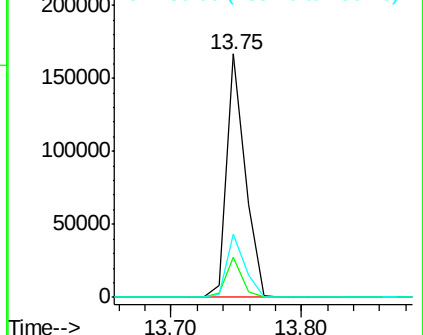
236 26.0 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 56.53 ng

RT: 12.46 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF088272.D

Acq: 23 Jun 2016 3:35

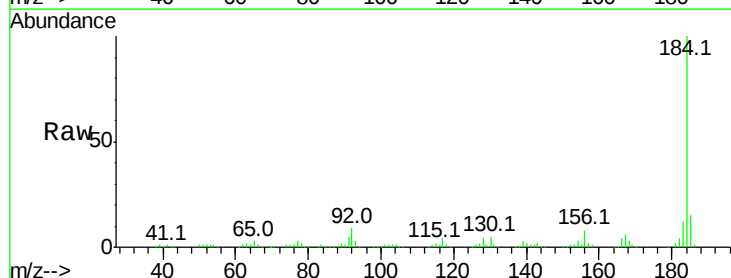
Tgt Ion:184 Resp: 259450

Ion Ratio Lower Upper

184 100

185 14.7 12.5 18.7

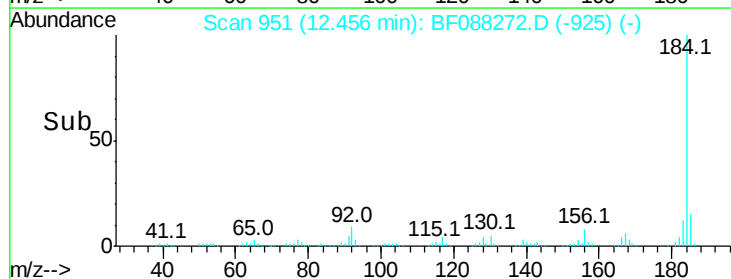
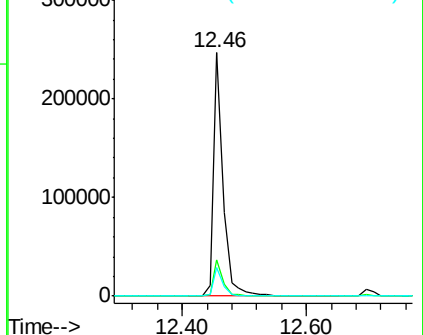
183 11.8 9.3 13.9

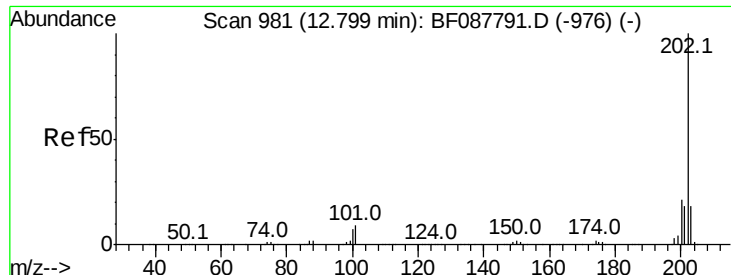


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

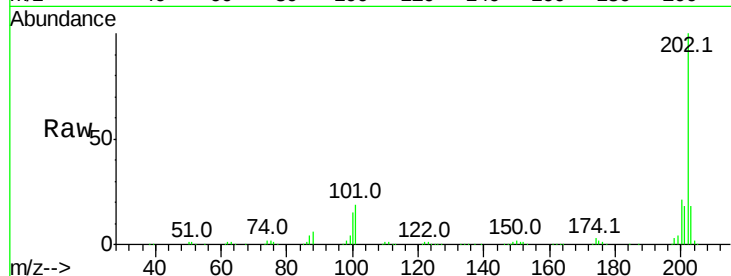




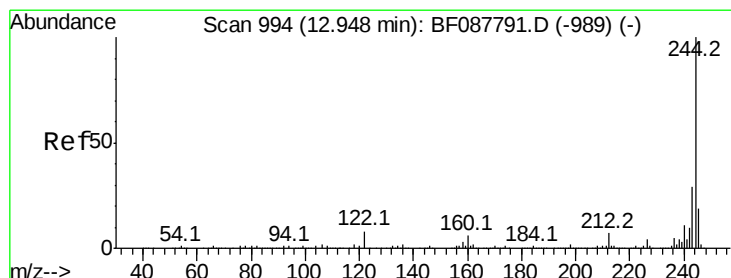
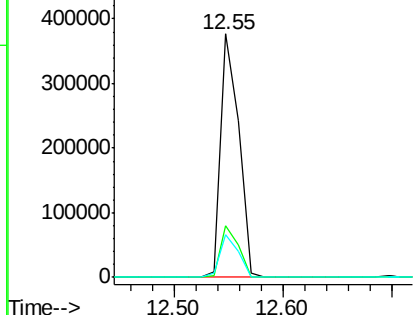
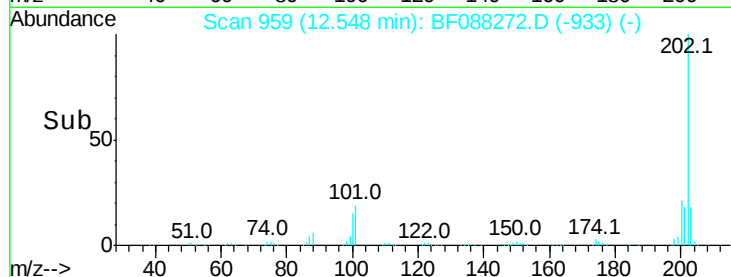
#77
Pvrene
Concen: 35.43 ng
RT: 12.55 min Scan# 959
Delta R.T. -0.00 min
Lab File: BF088272.D
Acq: 23 Jun 2016 3:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 435855
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 17.7 14.5 21.7

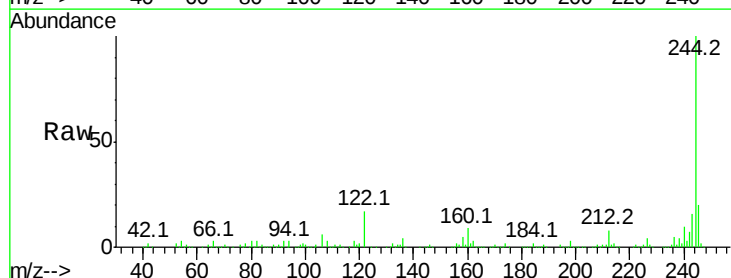


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

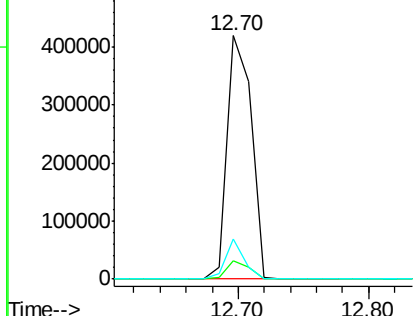
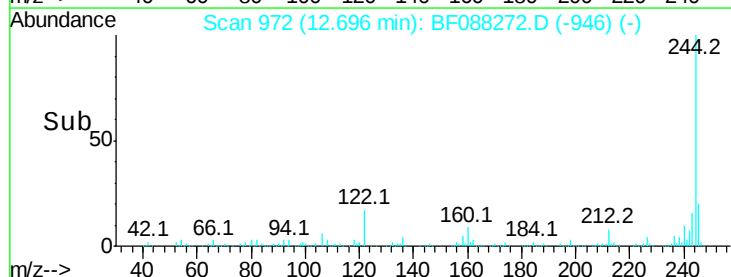


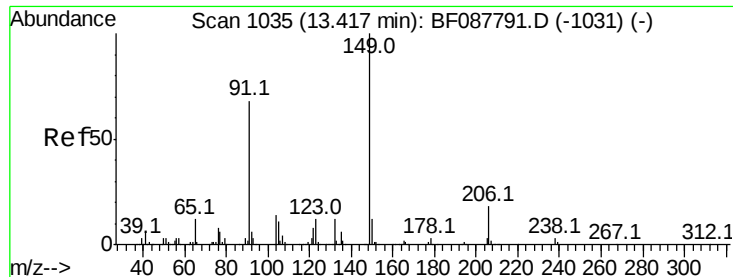
#78
Terphenyl-d14
Concen: 73.95 ng
RT: 12.70 min Scan# 972
Delta R.T. -0.00 min
Lab File: BF088272.D
Acq: 23 Jun 2016 3:35

Tgt Ion:244 Resp: 538657
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 16.7 11.2 16.8



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

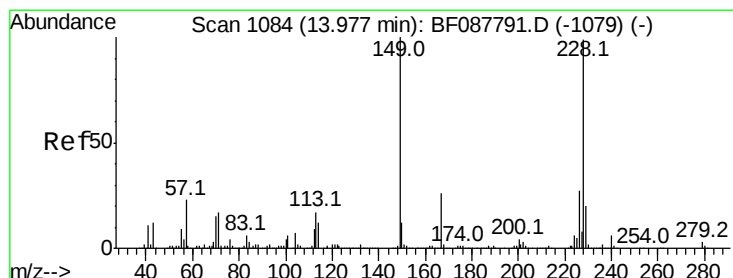
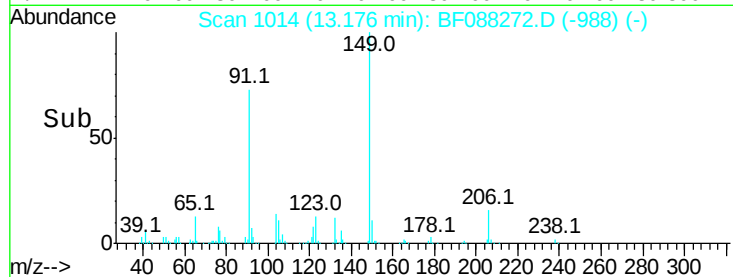
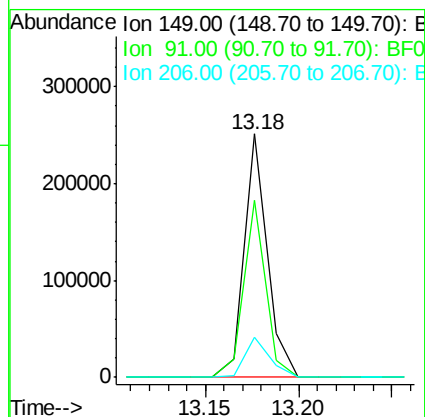
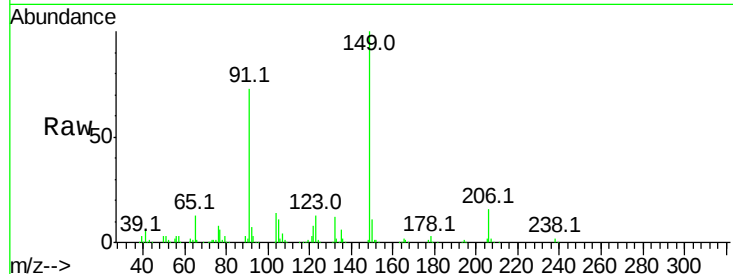




#79
 Butylbenzylphthalate
 Concen: 39.88 ng
 RT: 13.18 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: BF088272.D
 Acq: 23 Jun 2016 3:35

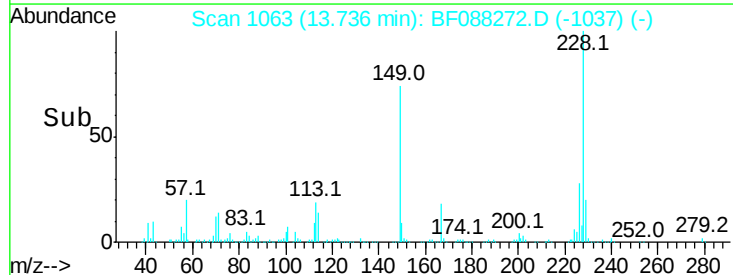
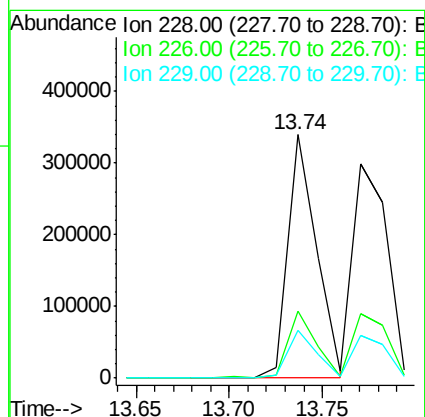
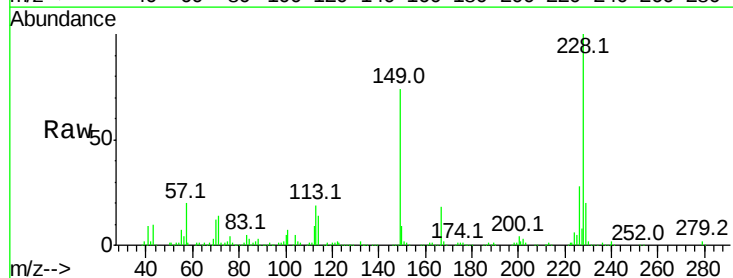
Instrument :
 BNA_F
 ClientSampleId :

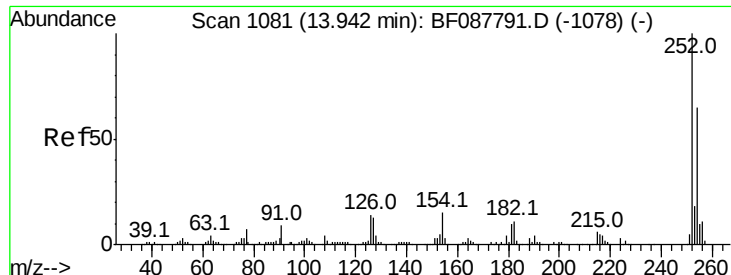
Tot Ion:149 Resp: 216879
 Ion Ratio Lower Upper
 149 100
 91 72.6 48.0 72.0#
 206 16.3 16.0 24.0



#80
 Benzo(a)anthracene
 Concen: 38.59 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. -0.00 min
 Lab File: BF088272.D
 Acq: 23 Jun 2016 3:35

Tgt Ion:228 Resp: 364514
 Ion Ratio Lower Upper
 228 100
 226 27.7 22.3 33.5
 229 19.9 16.0 24.0

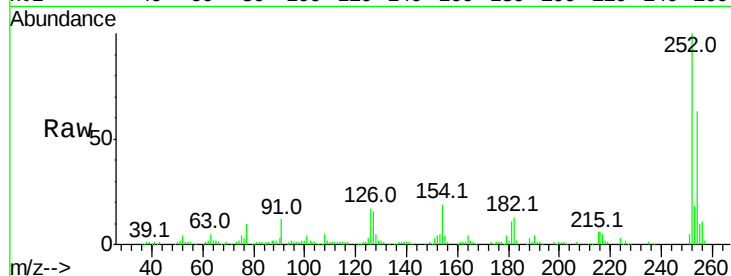




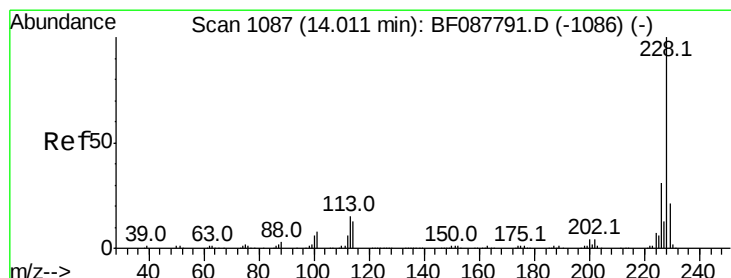
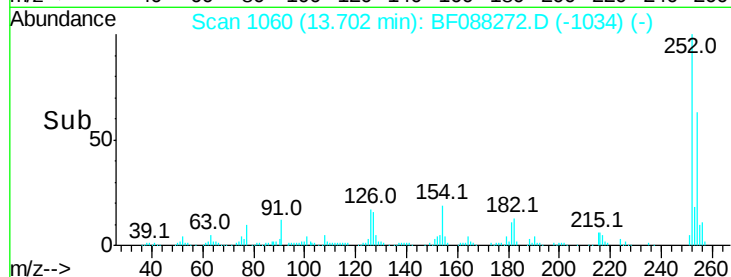
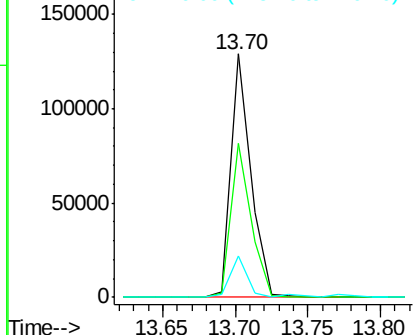
#81
 3,3'-Dichlorobenzidine
 Concen: 48.58 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. -0.00 min
 Lab File: BF088272.D
 Acq: 23 Jun 2016 3:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 123408
 Ion Ratio Lower Upper
 252 100
 254 63.5 52.6 78.8
 126 16.8 6.2 9.2#

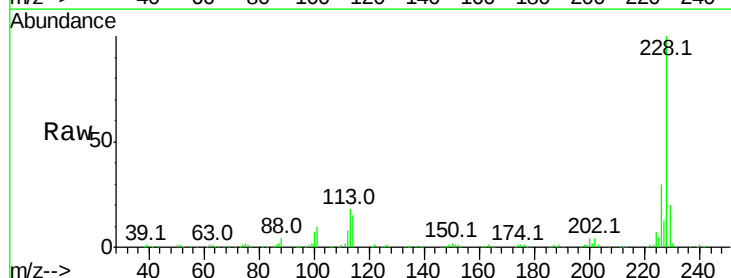


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

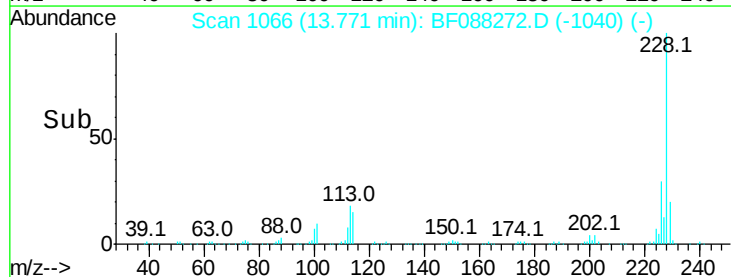
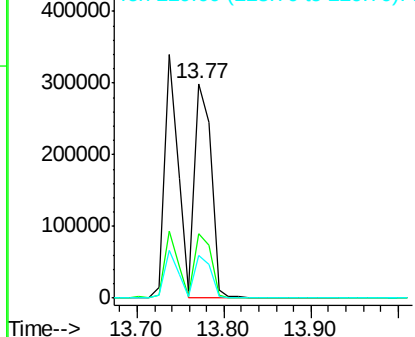


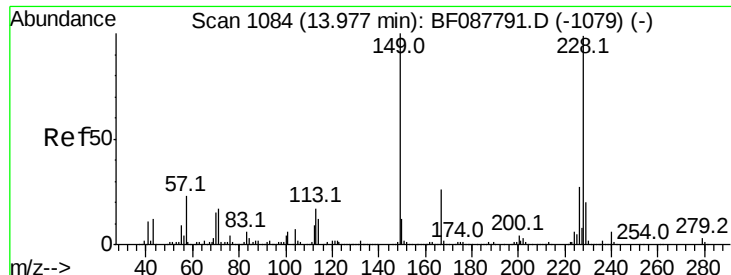
#82
 Chrysene
 Concen: 43.55 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: BF088272.D
 Acq: 23 Jun 2016 3:35

Tgt Ion:228 Resp: 386974
 Ion Ratio Lower Upper
 228 100
 226 30.1 25.4 38.2
 229 20.1 16.3 24.5



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

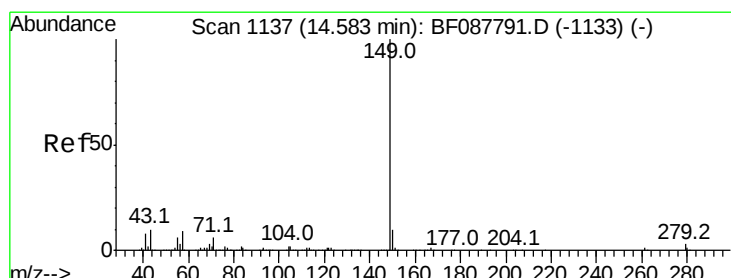
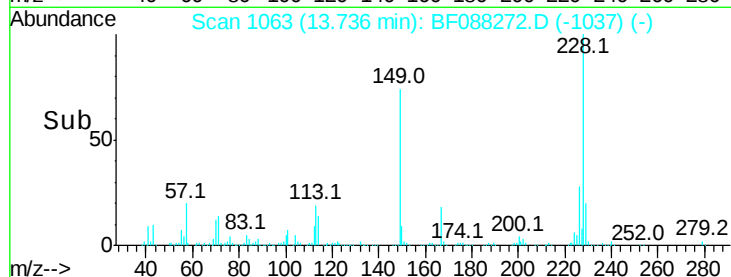
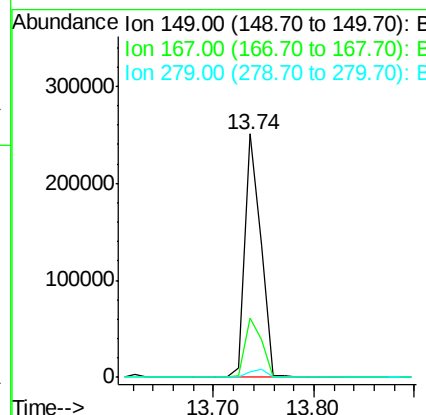
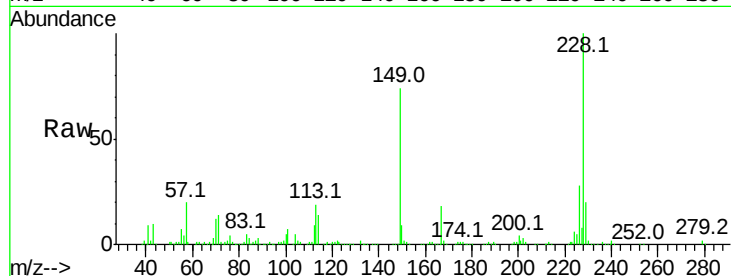




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.69 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. -0.00 min
 Lab File: BF088272.D
 Acq: 23 Jun 2016 3:35

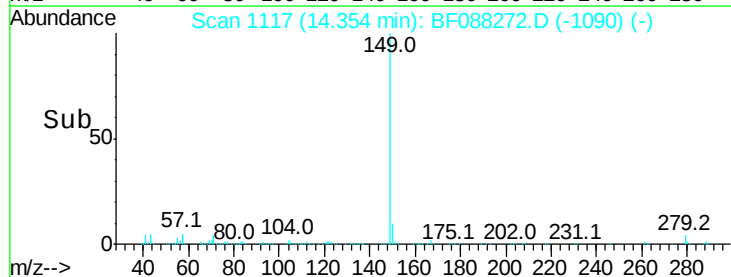
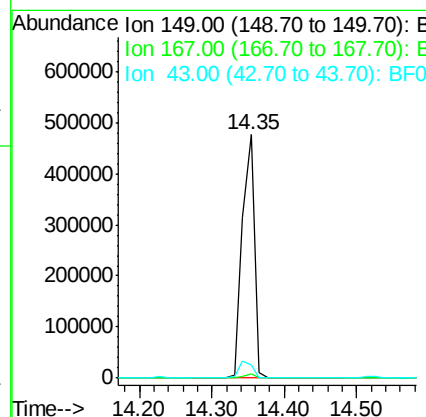
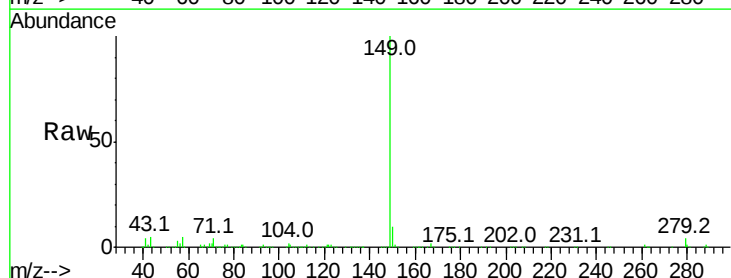
Instrument :
 BNA_F
 ClientSampleId :

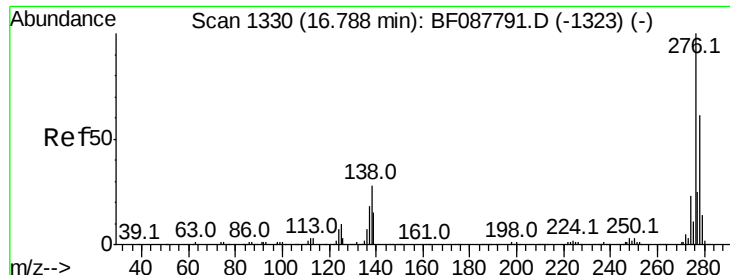
Tot Ion:149 Resp: 275984
 Ion Ratio Lower Upper
 149 100
 167 24.2 20.5 30.7
 279 2.1 2.0 3.0



#84
 Di-n-octyl phthalate
 Concen: 52.01 ng
 RT: 14.35 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF088272.D
 Acq: 23 Jun 2016 3:35

Tgt Ion:149 Resp: 559421
 Ion Ratio Lower Upper
 149 100
 167 1.6 0.0 0.0#
 43 7.5 0.0 0.0#

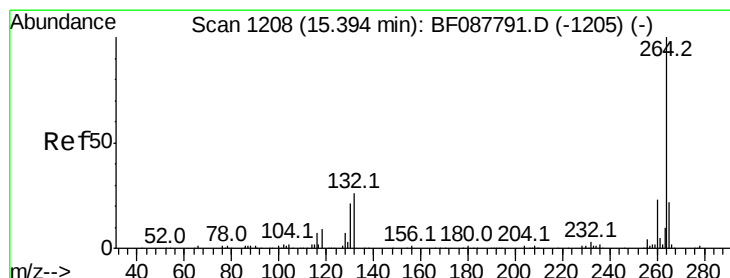
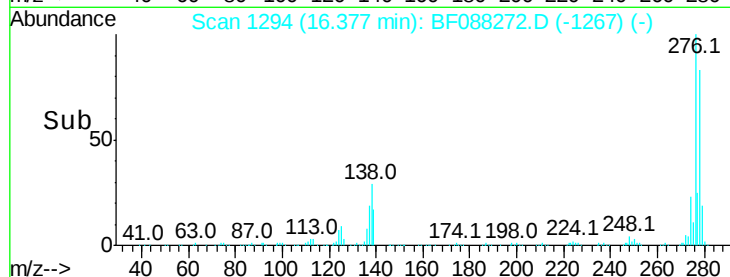
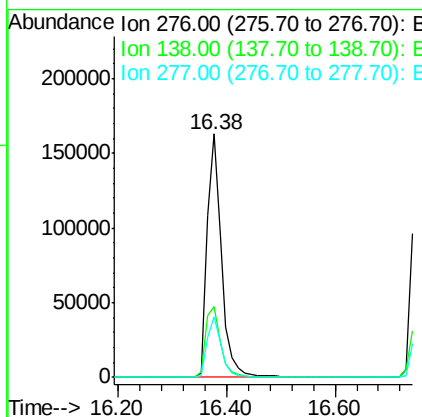
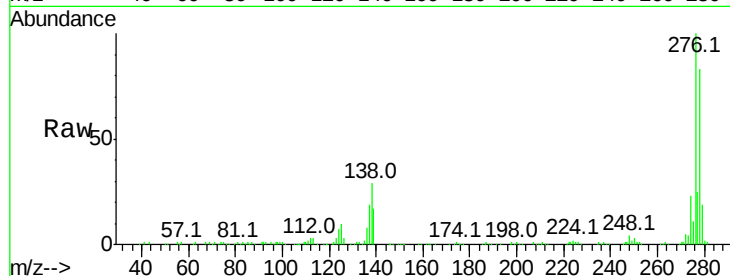




#85
Indeno(1,2,3-cd)pyrene
Concen: 36.11 ng
RT: 16.38 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BF088272.D
Acq: 23 Jun 2016 3:35

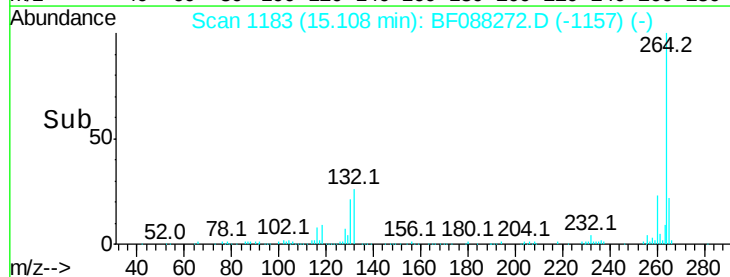
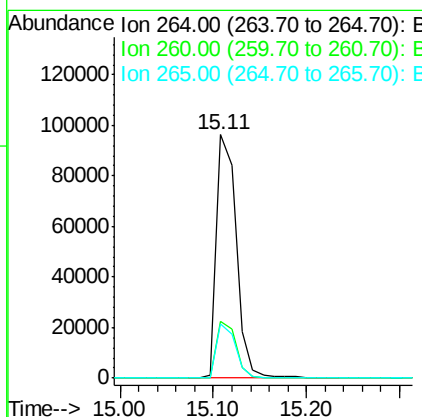
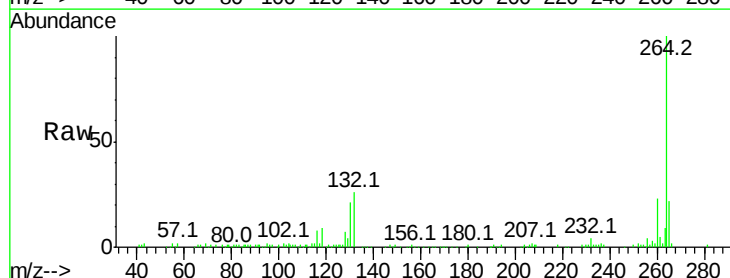
Instrument :
BNA_F
ClientSampleId :

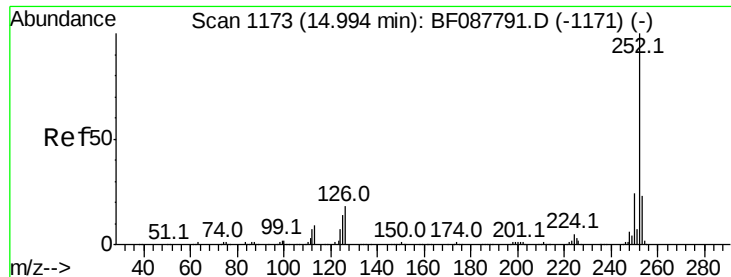
Tot Ion	Ratio	Lower	Upper
276	100		
138	31.0	0.0	0.0#
277	25.0	0.0	0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF088272.D
Acq: 23 Jun 2016 3:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	22.3	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 69.36 ng

RT: 14.74 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF088272.D

Acq: 23 Jun 2016 3:35

Instrument :

BNA_F

ClientSampleId :

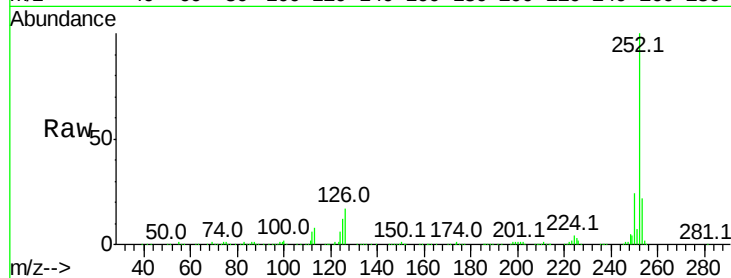
Tot Ion:252 Resp: 683529

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

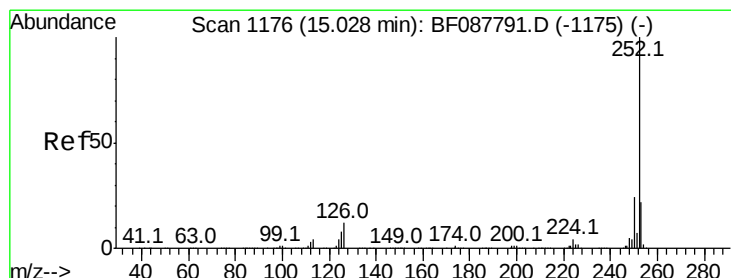
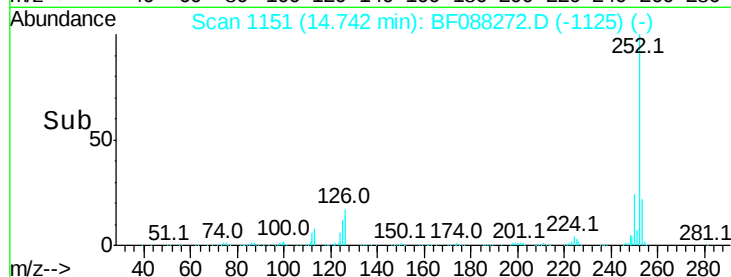
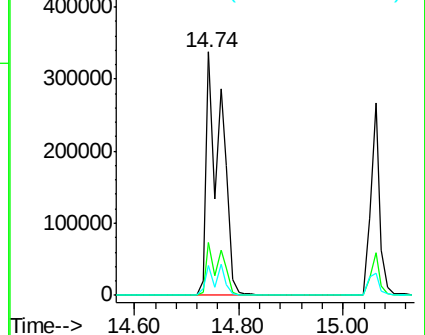
125 12.4 7.1 10.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 91.97 ng

RT: 14.74 min Scan# 1151

Delta R.T. -0.02 min

Lab File: BF088272.D

Acq: 23 Jun 2016 3:35

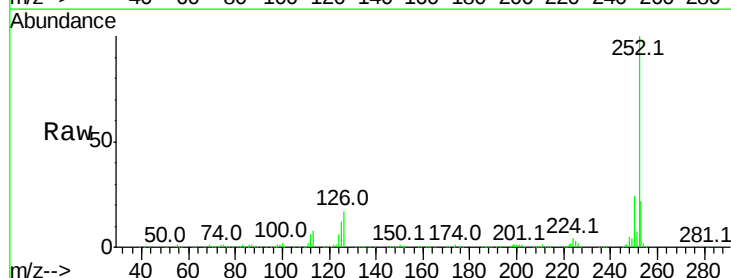
Tgt Ion:252 Resp: 683728

Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

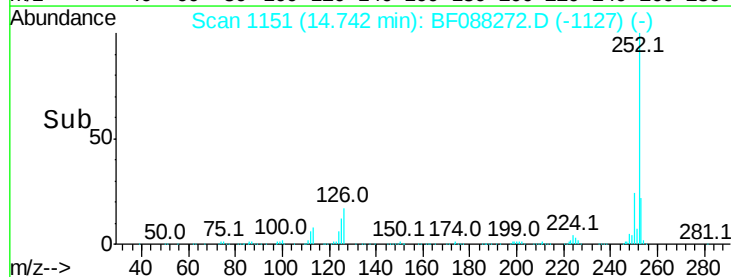
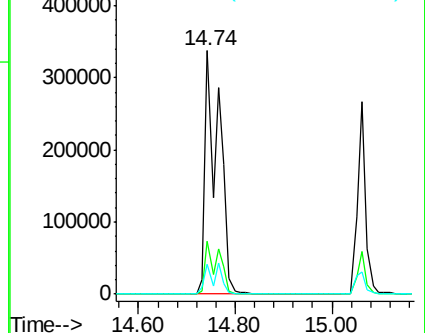
125 12.4 11.2 16.8

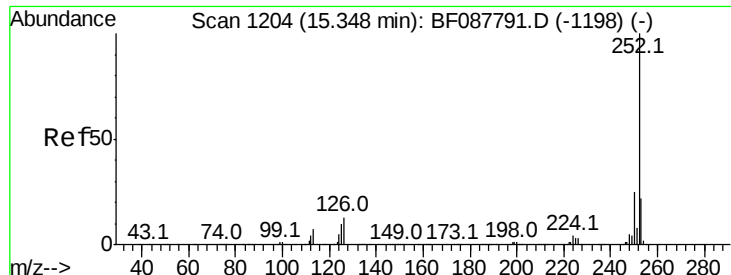


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

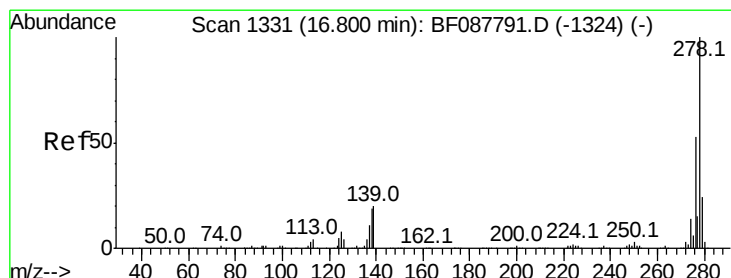
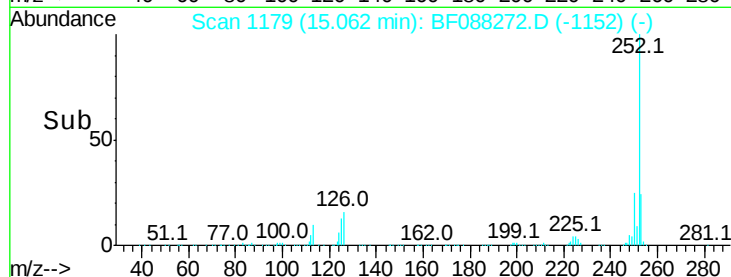
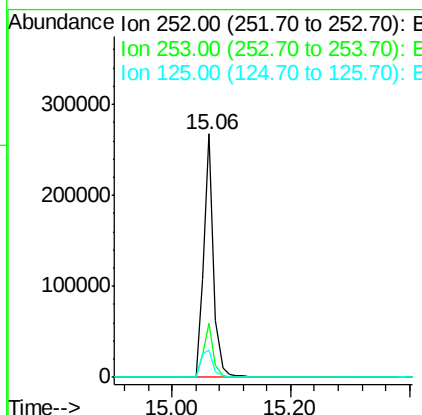
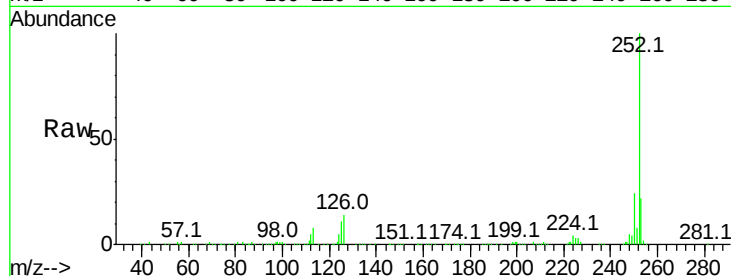




#89
Benzo(a)pyrene
Concen: 39.74 ng
RT: 15.06 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BF088272.D
Acq: 23 Jun 2016 3:35

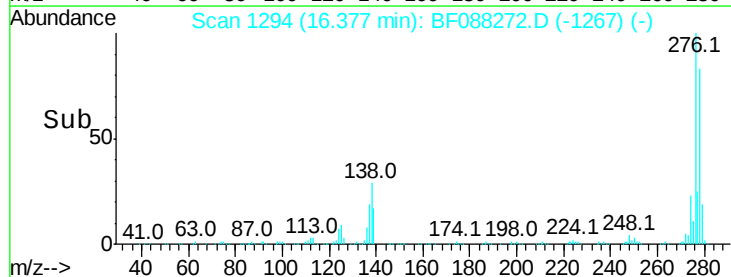
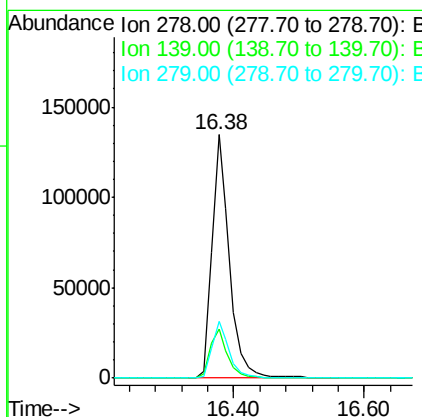
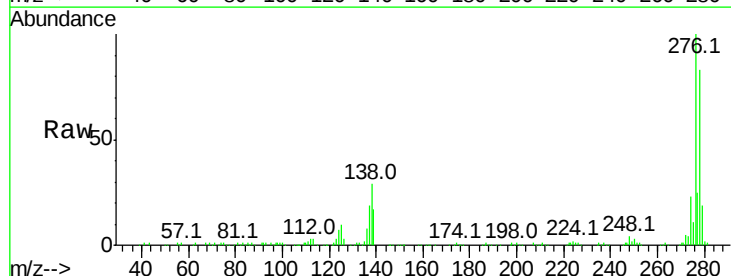
Instrument :
BNA_F
ClientSampleId :

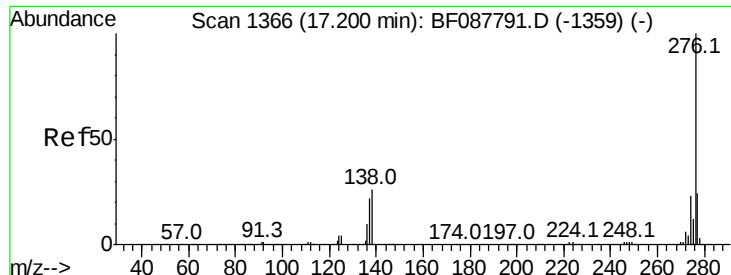
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	11.2	12.5	18.7#



#90
Dibenzo(a,h)anthracene
Concen: 34.22 ng
RT: 16.38 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BF088272.D
Acq: 23 Jun 2016 3:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.3	15.7	23.5
279	23.3	19.4	29.2





#91

Benzo(a,h,i)perylene

Concen: 32.87 ng

RT: 16.75 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF088272.D

Acq: 23 Jun 2016 3:35

Instrument :

BNA_F

ClientSampleId :

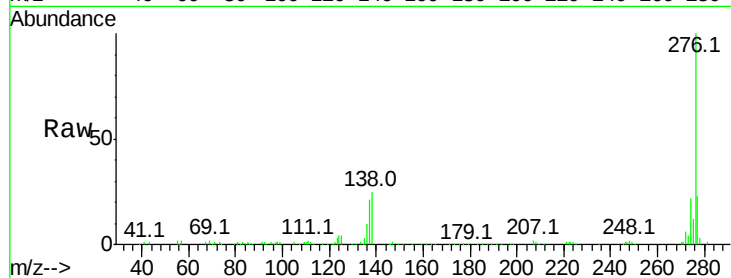
Tot Ion: 276 Resp: 250373

Ion Ratio Lower Upper

276 100

277 22.7 18.9 28.3

138 24.6 21.4 32.2



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

