

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
 Data File : BF088357.D
 Acq On : 25 Jun 2016 4:22
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 25 05:29:26 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 25 04:10:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	92523	20.00	ng	0.00
21) Naphthalene-d8	7.87	136	365528	20.00	ng	0.00
38) Acenaphthene-d10	9.62	164	150788	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	224351	20.00	ng	0.00
75) Chrysene-d12	13.73	240	184946	20.00	ng	0.00
86) Perylene-d12	15.07	264	153128	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.16	112	445218	82.26	ng	0.00
7) Phenol-d6	6.26	99	499733	76.19	ng	0.00
23) Nitrobenzene-d5	7.16	82	464197	74.16	ng	0.00
41) 2,4,6-Tribromophenol	10.41	330	97936	61.51	ng	0.00
44) 2-Fluorobiphenyl	8.95	172	863715	90.33	ng	-0.01
78) Terphenyl-d14	12.67	244	560267	68.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.99	88	102280	38.89	ng	# 43
3) Pyridine	2.63	79	242118	38.99	ng	91
4) n-Nitrosodimethylamine	2.59	42	83806	31.87	ng	82
6) Aniline	6.25	93	306212	32.80	ng	94
8) 2-Chlorophenol	6.38	128	259243	40.47	ng	91
9) Benzaldehyde	6.14	77	162611	40.76	ng	97
10) Phenol	6.27	94	327095	48.49	ng	92
11) bis(2-Chloroethyl)ether	6.33	93	255770	44.47	ng	87
12) 1,3-Dichlorobenzene	6.60	146	270684	39.38	ng	96
13) 1,4-Dichlorobenzene	6.60	146	284115	41.03	ng	98
14) 1,2-Dichlorobenzene	6.60	146	287658	45.68	ng	97
15) Benzyl Alcohol	6.75	79	179058	34.89	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.88	45	236123	30.39	ng	# 1
17) 2-Methylphenol	6.88	107	187403	36.07	ng	# 89
18) Hexachloroethane	7.10	117	88365	35.97	ng	92
19) n-Nitroso-di-n-propylamine	7.03	70	166803	39.75	ng	# 79
20) 3+4-Methylphenols	7.04	107	240737	39.72	ng	# 79
22) Acetophenone	7.02	105	351968	43.09	ng	# 96
24) Nitrobenzene	7.19	77	253676	41.84	ng	98
25) Isophorone	7.43	82	436283	37.63	ng	97
26) 2-Nitrophenol	7.50	139	129674	39.92	ng	97
27) 2,4-Dimethylphenol	7.55	122	199075	33.29	ng	92
28) bis(2-Chloroethoxy)methane	7.64	93	292738	40.71	ng	98
29) 2,4-Dichlorophenol	7.76	162	195359	39.12	ng	92
30) 1,2,4-Trichlorobenzene	7.82	180	202723	37.29	ng	98
31) Naphthalene	7.90	128	686514	37.95	ng	99
32) Benzoic acid	7.72	122	92636	28.13	ng	96
33) 4-Chloroaniline	7.96	127	292081	36.16	ng	# 92
34) Hexachlorobutadiene	8.01	225	104533	36.46	ng	98
35) Caprolactam	8.35	113	60027	36.29	ng	# 68
36) 4-Chloro-3-methylphenol	8.47	107	200078	37.47	ng	92
37) 2-Methylnaphthalene	8.58	142	414014	34.73	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	190416	50.68	ng	# 1
40) Hexachlorocyclopentadiene	8.73	237	7946	3.27	ng	97

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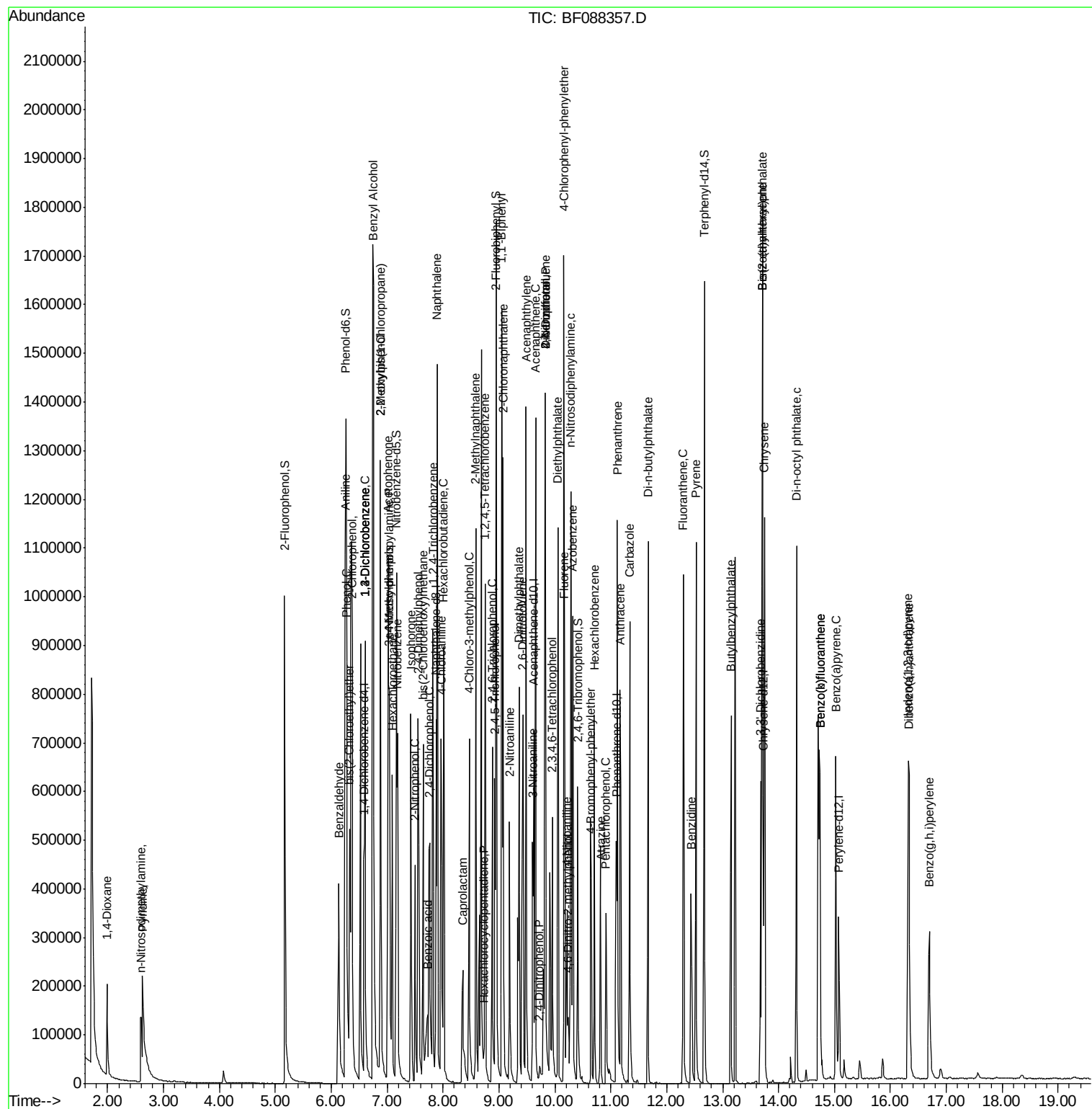
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	114085	37.83	ng	98
43) 2,4,5-Trichlorophenol	8.92	196	121869	38.85	ng	# 91
45) 1,1'-Biphenyl	9.05	154	529243	47.04	ng	98
46) 2-Chloronaphthalene	9.07	162	403107	41.31	ng	98
47) 2-Nitroaniline	9.19	65	113011	39.26	ng	# 68
48) Acenaphthylene	9.48	152	605634	39.02	ng	99
49) Dimethylphthalate	9.36	163	452178	41.40	ng	99
50) 2,6-Dinitrotoluene	9.43	165	103063	41.20	ng	# 80
51) Acenaphthene	9.66	154	361351	37.32	ng	98
52) 3-Nitroaniline	9.60	138	112779	39.07	ng	91
53) 2,4-Dinitrophenol	9.72	184	9622	11.42	ng	# 80
54) Dibenzofuran	9.83	168	510446	38.28	ng	93
55) 4-Nitrophenol	9.83	139	290667	129.74	ng	# 11
56) 2,4-Dinitrotoluene	9.83	165	112909	35.12	ng	# 28
57) Fluorene	10.17	166	371219	40.74	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.95	232	85191	34.55	ng	# 56
59) Diethylphthalate	10.06	149	461854	41.77	ng	100
60) 4-Chlorophenyl-phenylether	10.16	204	168396	37.98	ng	95
61) 4-Nitroaniline	10.22	138	99906	36.49	ng	96
62) Azobenzene	10.32	77	411218	37.61	ng	97
64) 4,6-Dinitro-2-methylphenol	10.24	198	17354	13.99	ng	86
65) n-Nitrosodiphenylamine	10.28	169	347461	46.67	ng	99
66) 4-Bromophenyl-phenylether	10.65	248	105373	43.78	ng	95
67) Hexachlorobenzene	10.71	284	97492	38.98	ng	95
68) Atrazine	10.82	200	91039	40.39	ng	98
69) Pentachlorophenol	10.91	266	61834	46.91	ng	97
70) Phenanthrene	11.12	178	492864	41.87	ng	98
71) Anthracene	11.16	178	491256	41.37	ng	99
72) Carbazole	11.34	167	471726	42.45	ng	99
73) Di-n-butylphthalate	11.67	149	611289	43.45	ng	99
74) Fluoranthene	12.30	202	467867	37.66	ng	99
76) Benzidine	12.43	184	227897	44.50	ng	98
77) Pyrene	12.53	202	490868	35.77	ng	99
79) Butylbenzylphthalate	13.15	149	240676	39.67	ng	98
80) Benzo(a)anthracene	13.71	228	402998	38.24	ng	98
81) 3,3'-Dichlorobenzidine	13.68	252	138637	48.92	ng	# 95
82) Chrysene	13.75	228	442173	44.59	ng	97
83) Bis(2-ethylhexyl)phthalate	13.71	149	302734	40.99	ng	# 99
84) Di-n-octyl phthalate	14.32	149	576048	48.00	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.32	276	316471	34.35	ng	# 100
87) Benzo(b)fluoranthene	14.74	252	758906	71.11	ng	99
88) Benzo(k)fluoranthene	14.74	252	758918	94.26	ng	# 94
89) Benzo(a)pyrene	15.03	252	348474	40.36	ng	# 96
90) Dibenzo(a,h)anthracene	16.33	278	268171	33.44	ng	97
91) Benzo(g,h,i)perylene	16.70	276	258733	31.36	ng	96

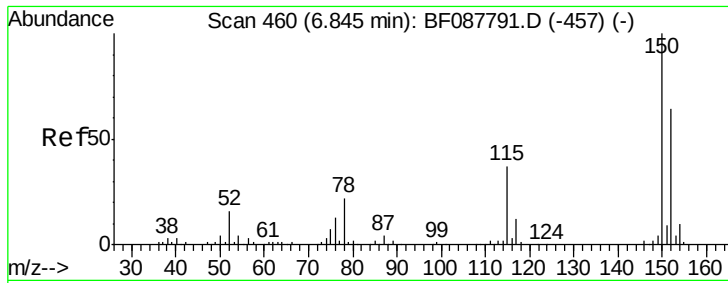
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

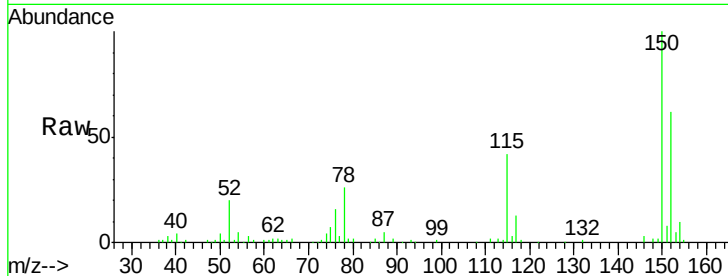
Tgt Ion:152 Resp: 92523

Ion Ratio Lower Upper

152 100

150 160.2 123.8 185.6

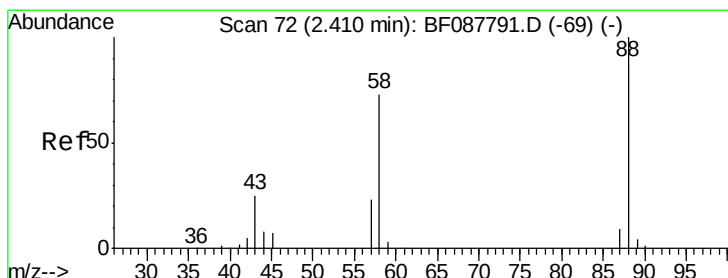
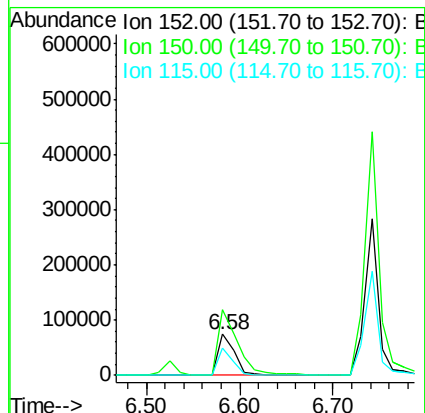
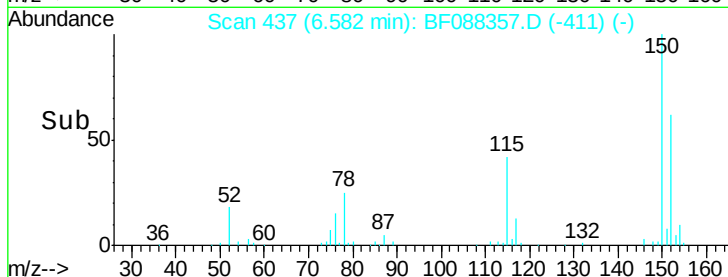
115 67.0 39.6 59.4#



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: 38.89 ng

RT: 1.99 min Scan# 35

Delta R.T. -0.00 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

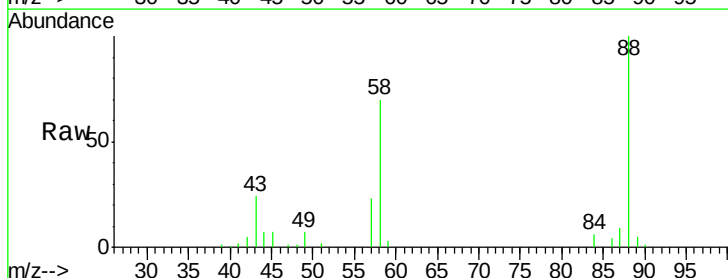
Tgt Ion: 88 Resp: 102280

Ion Ratio Lower Upper

88 100

58 67.0 0.0 0.0#

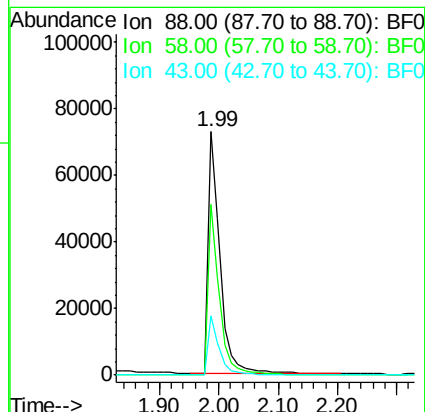
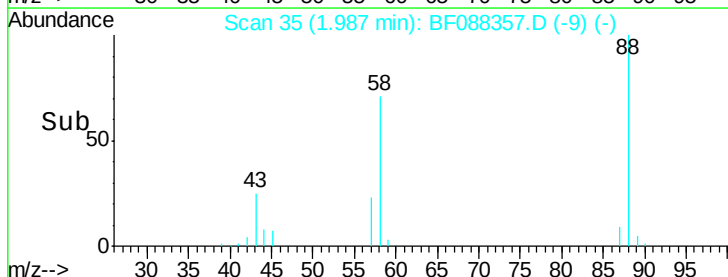
43 22.9 3.4 5.2#

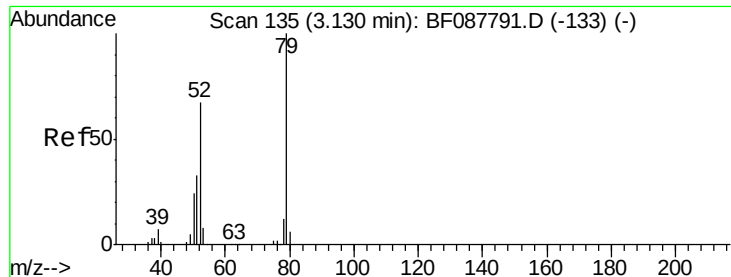


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 38.99 ng

RT: 2.63 min Scan# 91

Delta R.T. -0.01 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

Instrument :

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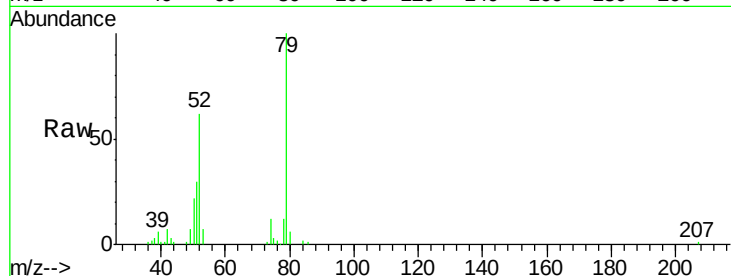
Tgt Ion: 79 Resp: 242118

Ion Ratio Lower Upper

79 100

52 61.6 56.3 84.5

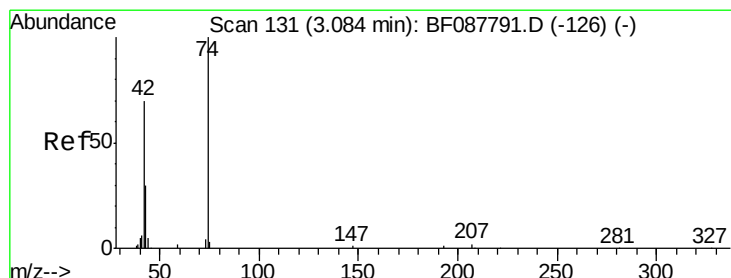
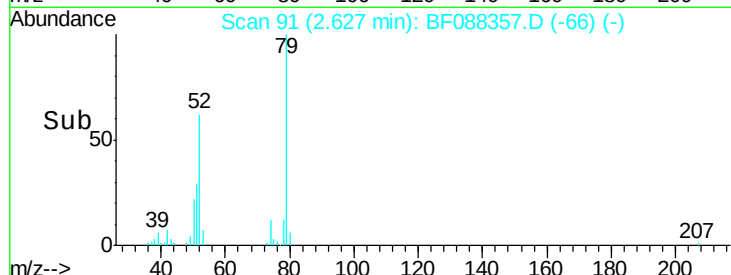
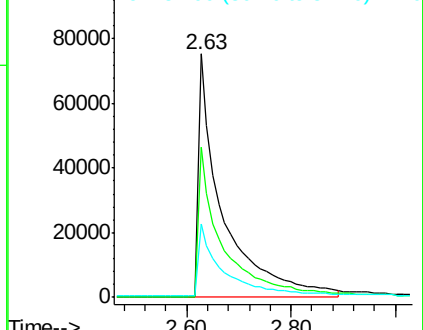
51 30.3 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 31.87 ng

RT: 2.59 min Scan# 88

Delta R.T. -0.01 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

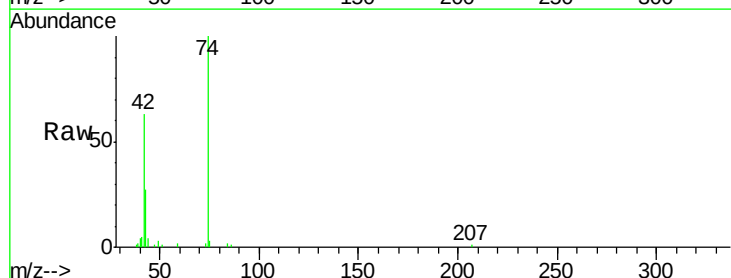
Tgt Ion: 42 Resp: 83806

Ion Ratio Lower Upper

42 100

74 158.9 108.6 163.0

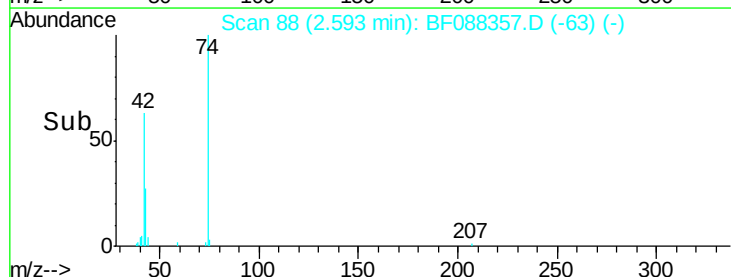
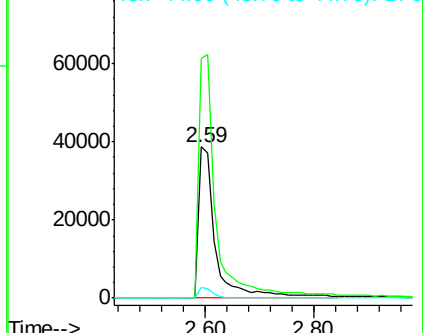
44 6.8 5.5 8.3

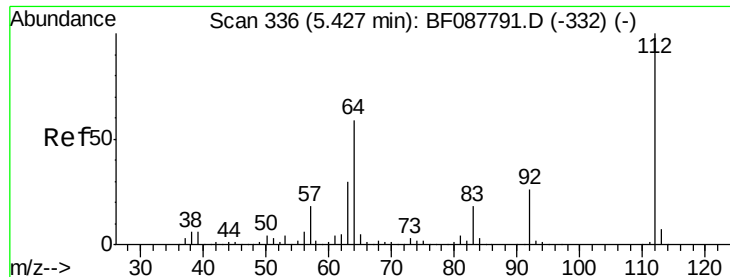


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 82.26 ng

RT: 5.16 min Scan# 313

Delta R.T. -0.00 min

Lab File: BF088357.D

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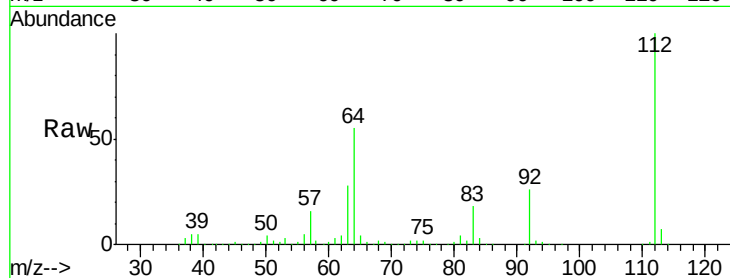
Tgt Ion: 112 Resp: 445218

Ion Ratio Lower Upper

112 100

64 55.3 42.2 63.2

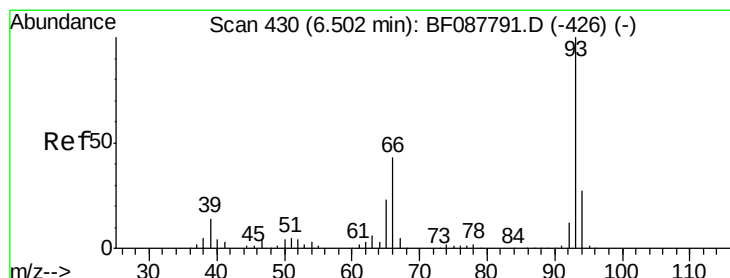
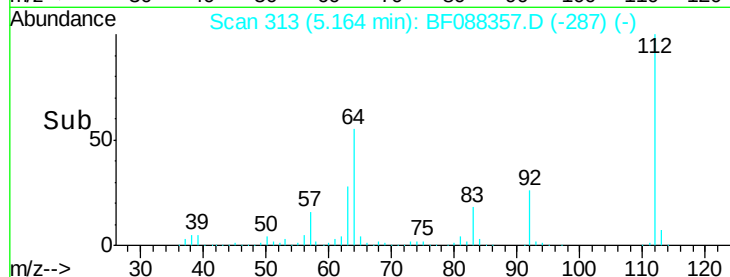
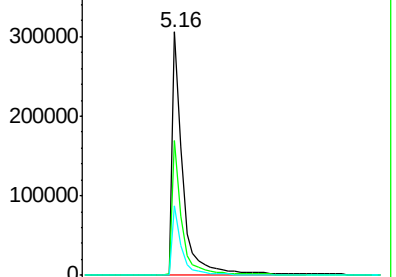
63 28.4 21.8 32.8



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: 32.80 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

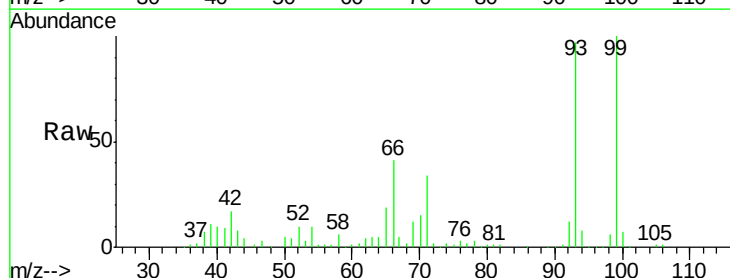
Tgt Ion: 93 Resp: 306212

Ion Ratio Lower Upper

93 100

66 41.9 29.8 44.8

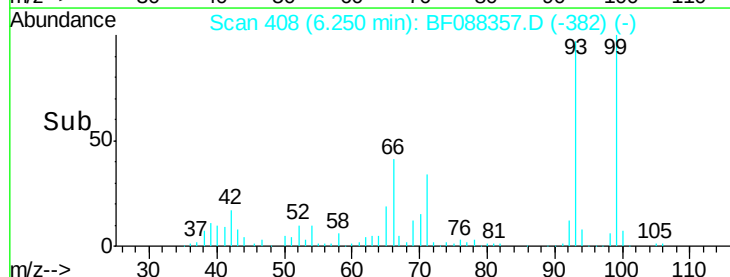
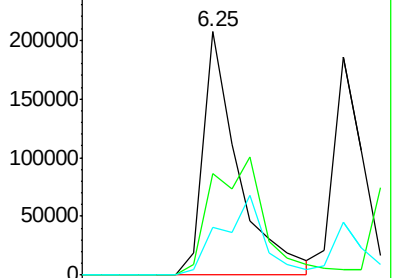
65 19.6 14.9 22.3

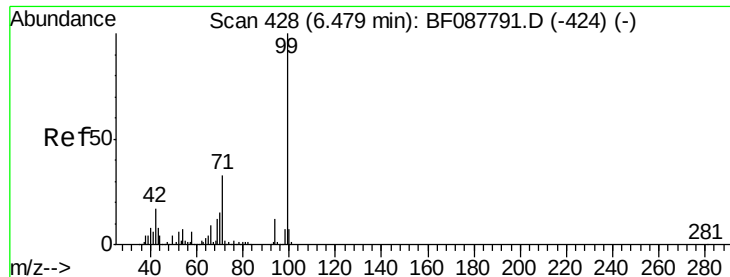


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.19 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.00 min

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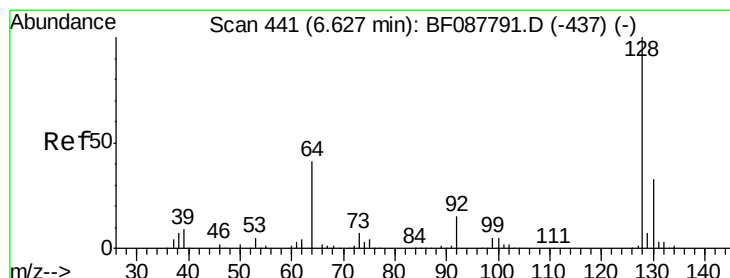
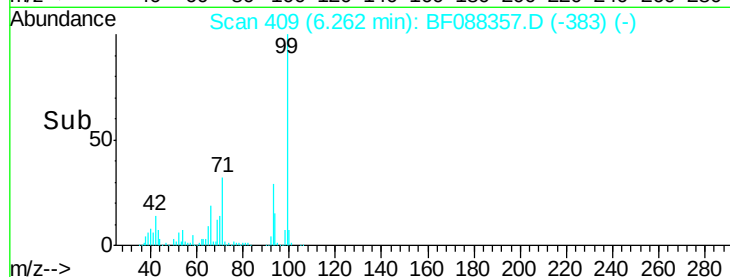
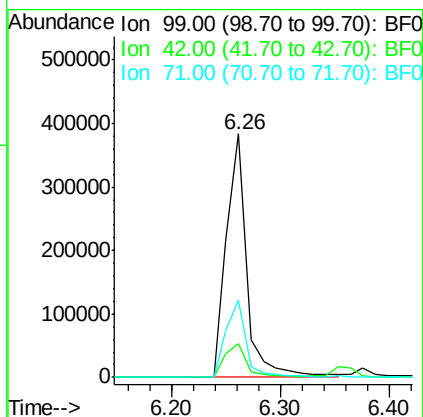
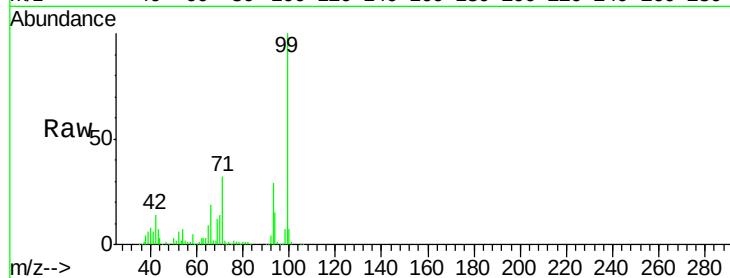
Tgt Ion: 99 Resp: 499733

Ion Ratio Lower Upper

99 100

42 13.9 12.2 18.2

71 31.8 23.4 35.0



#8

2-Chlorophenol

Concen: 40.47 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

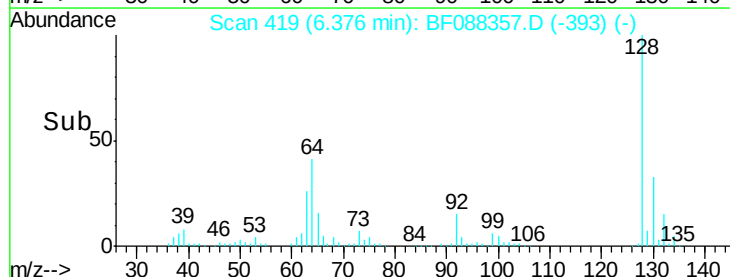
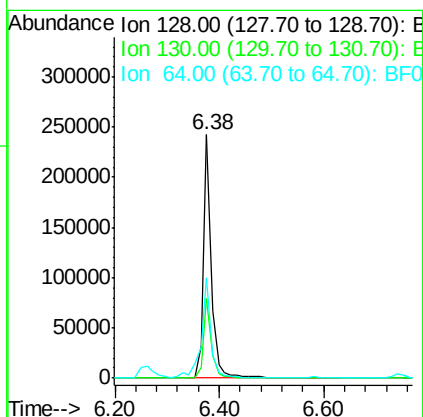
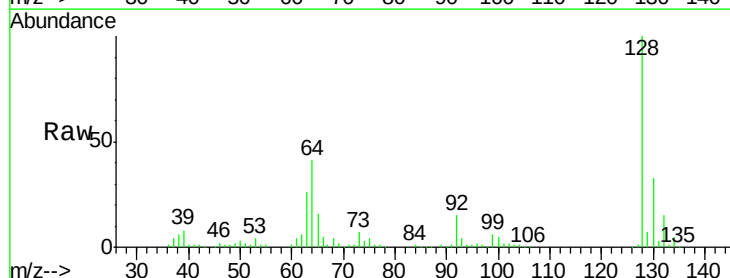
Tgt Ion: 128 Resp: 259243

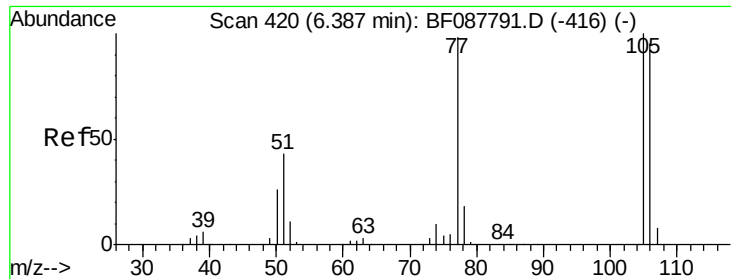
Ion Ratio Lower Upper

128 100

130 33.0 12.0 52.0

64 41.2 30.8 70.8





#9

Benzaldehyde

Concen: 40.76 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.00 min

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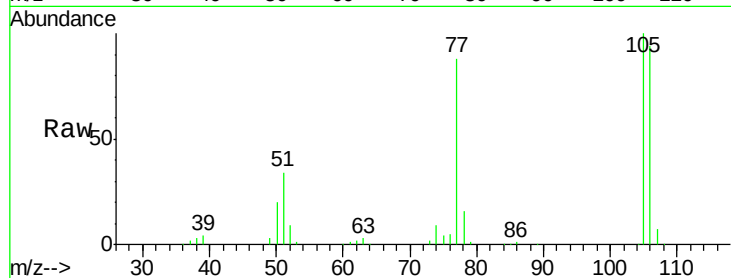
Tgt Ion: 77 Resp: 162611

Ion Ratio Lower Upper

77 100

105 114.2 90.6 130.6

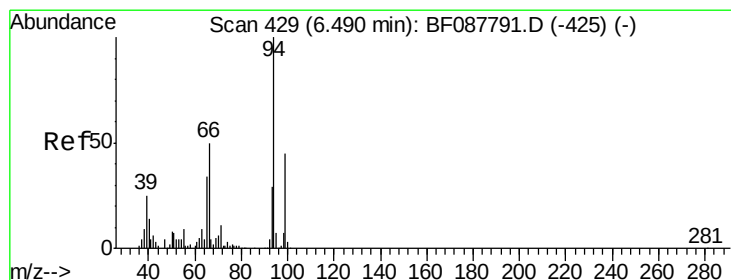
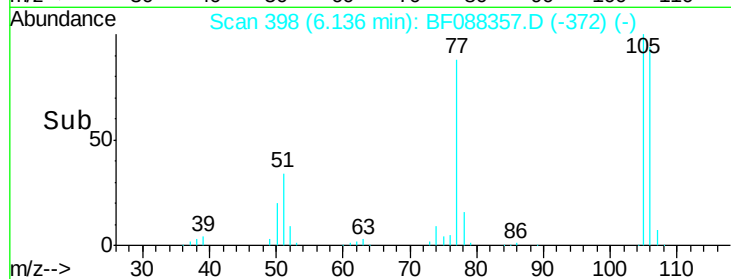
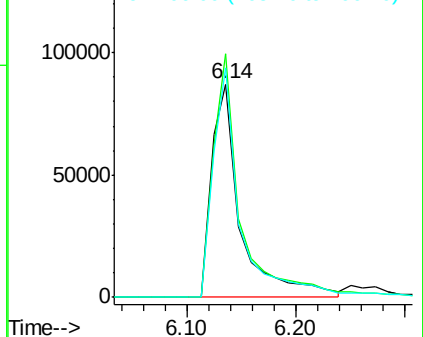
106 107.6 85.3 125.3



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: 48.49 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

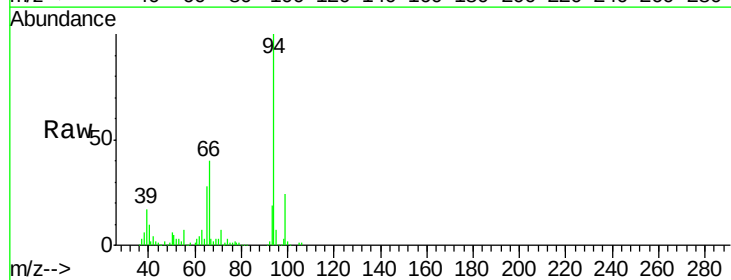
Tgt Ion: 94 Resp: 327095

Ion Ratio Lower Upper

94 100

65 27.6 5.9 45.9

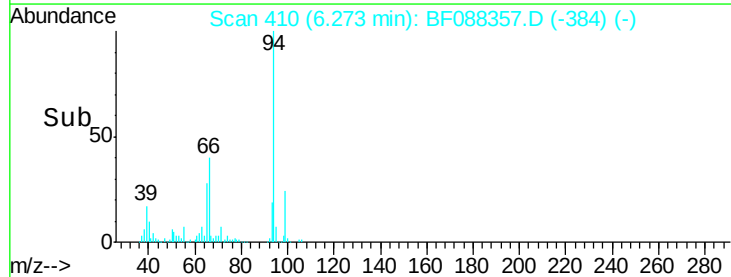
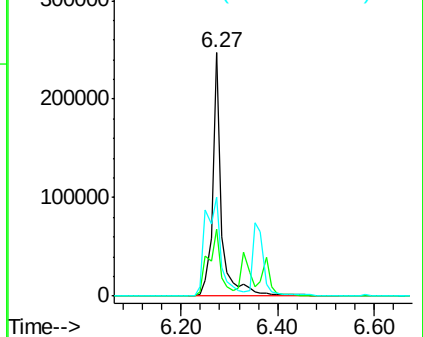
66 40.5 14.0 54.0

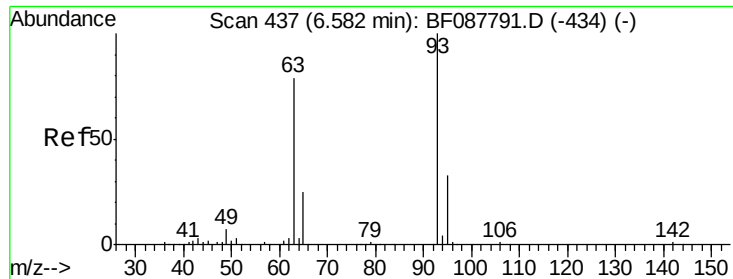


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 44.47 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

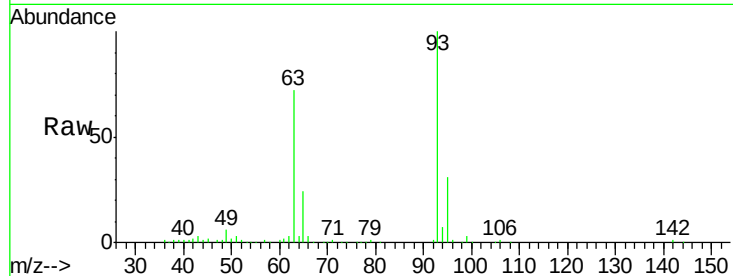
Tgt Ion: 93 Resp: 255770

Ion Ratio Lower Upper

93 100

63 72.1 67.6 107.6

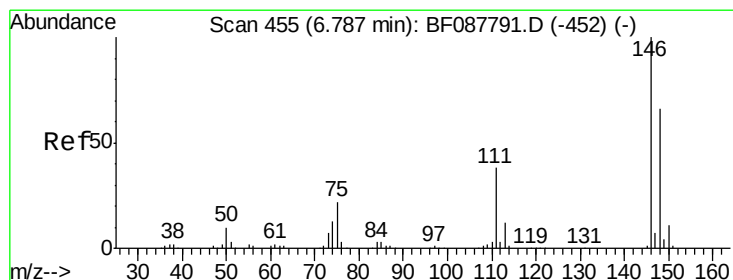
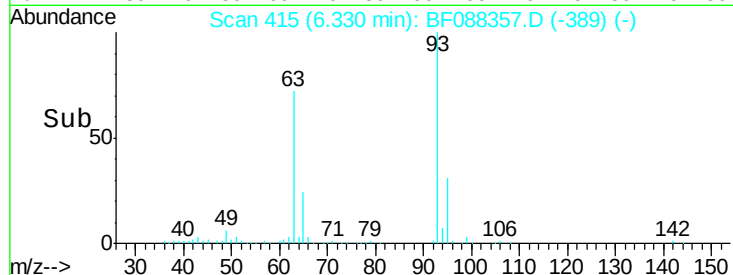
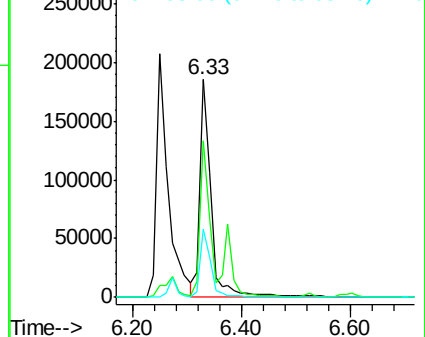
95 31.5 12.5 52.5



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.38 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.08 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

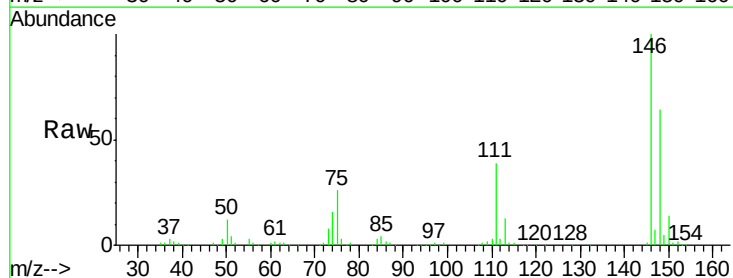
Tgt Ion: 146 Resp: 270684

Ion Ratio Lower Upper

146 100

148 64.2 50.9 76.3

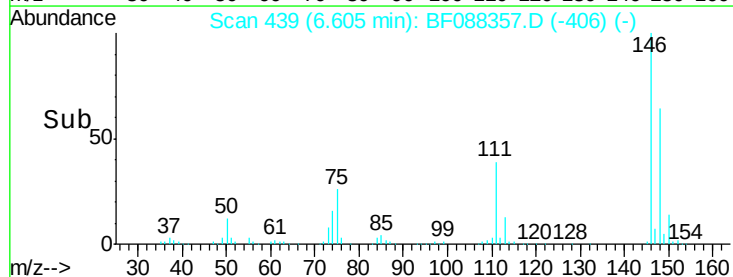
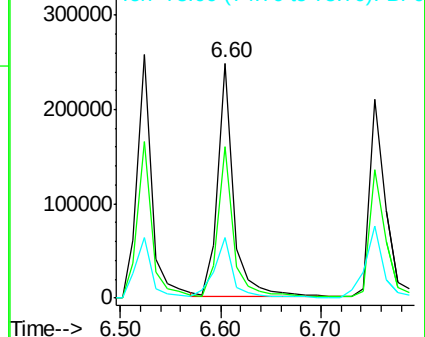
75 25.9 25.6 38.4

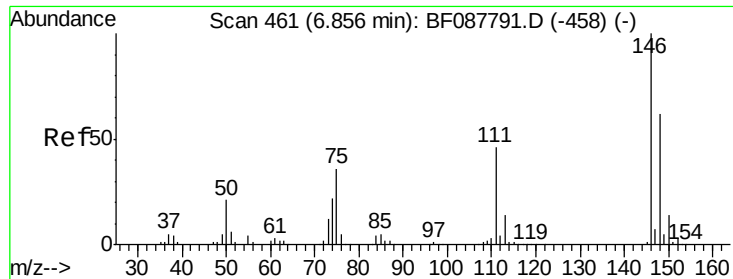


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

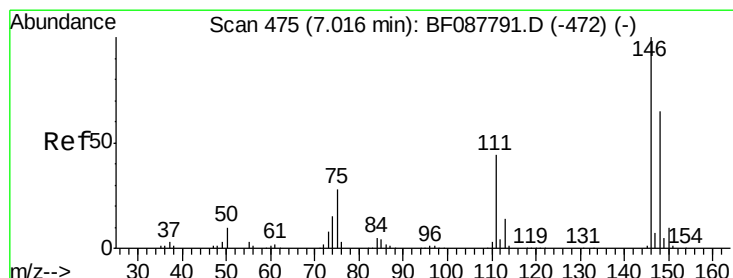
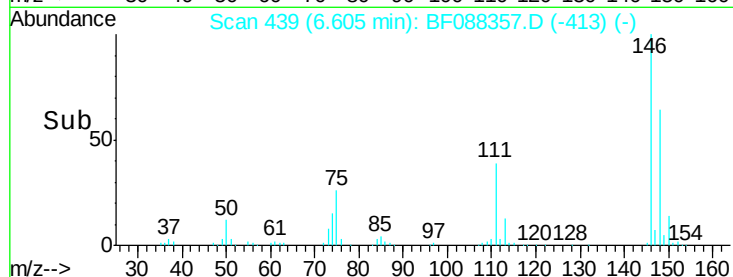
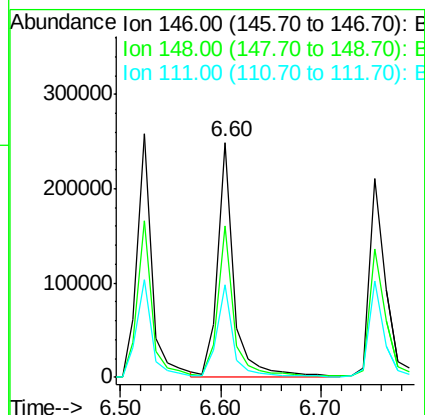
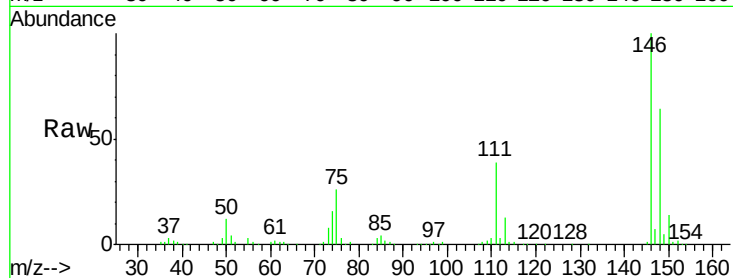




#13
 1,4-Dichlorobenzene
 Concen: 41.03 ng
 RT: 6.60 min Scan# 439
 Delta R.T. -0.00 min
 Lab File: BF088357.D
 Acq: 25 Jun 2016 4:22

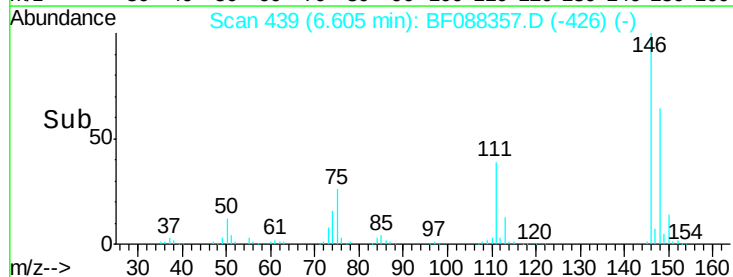
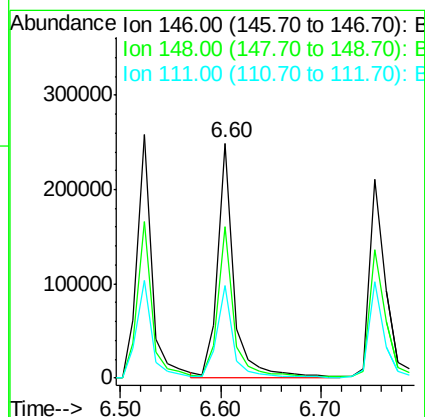
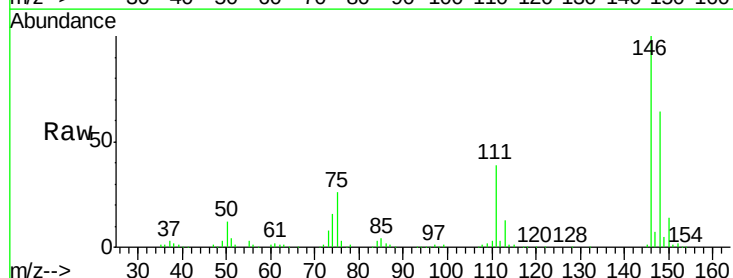
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

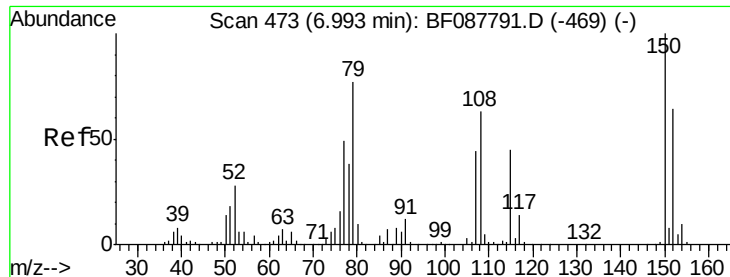
Tgt Ion:146 Resp: 284115
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.0 78.0
 111 39.3 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 45.68 ng
 RT: 6.60 min Scan# 439
 Delta R.T. -0.15 min
 Lab File: BF088357.D
 Acq: 25 Jun 2016 4:22

Tgt Ion:146 Resp: 287658
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.3 78.5
 111 39.3 28.7 43.1

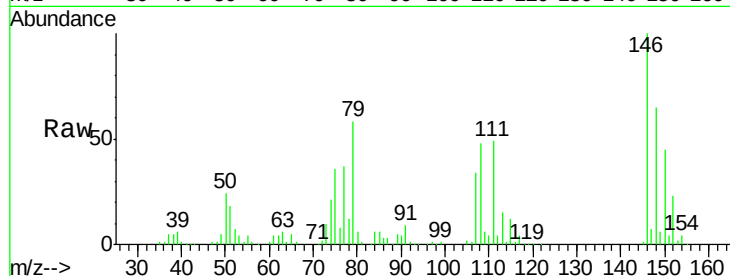




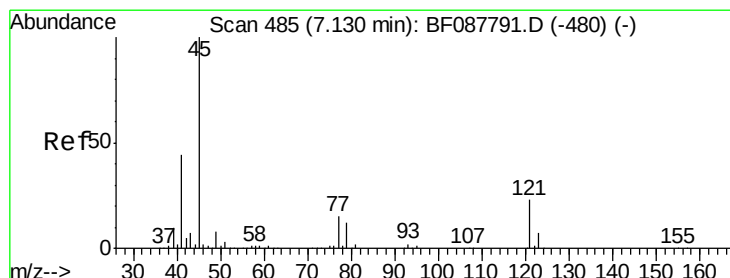
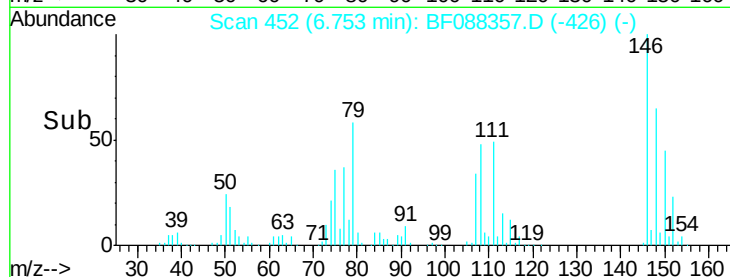
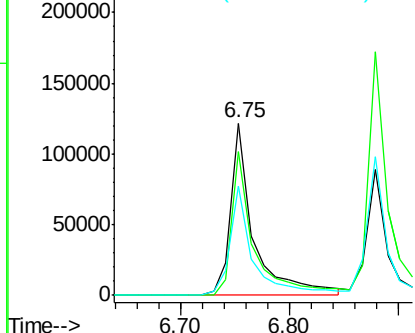
#15
Benzyl Alcohol
Concen: 34.89 ng
RT: 6.75 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF088357.D
Acq: 25 Jun 2016 4:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 179058
Ion Ratio Lower Upper
79 100
108 83.1 65.0 97.6
77 63.6 50.3 75.5

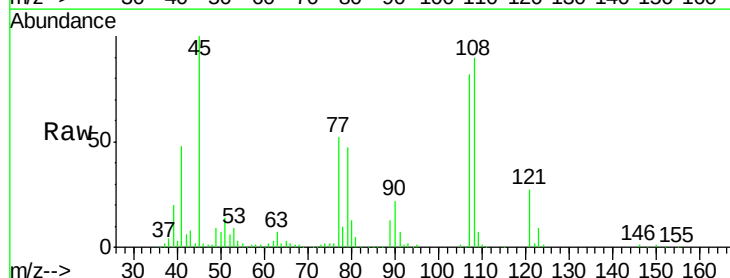


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

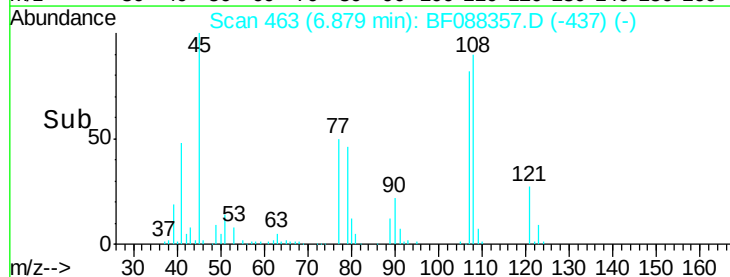
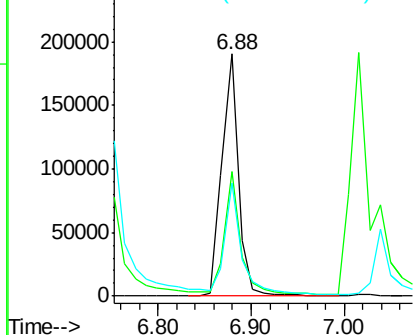


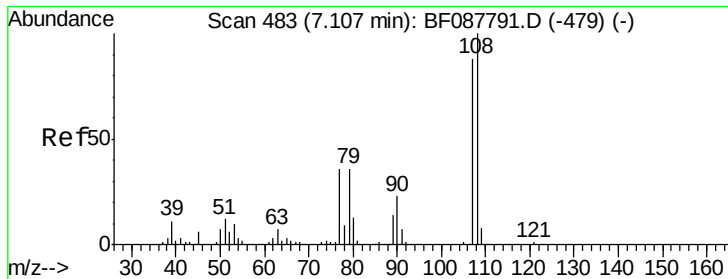
#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.39 ng
RT: 6.88 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF088357.D
Acq: 25 Jun 2016 4:22

Tgt Ion: 45 Resp: 236123
Ion Ratio Lower Upper
45 100
77 51.7 0.0 32.5#
79 47.0 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: 36.07 ng

RT: 6.88 min Scan# 463

Delta R.T. -0.00 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

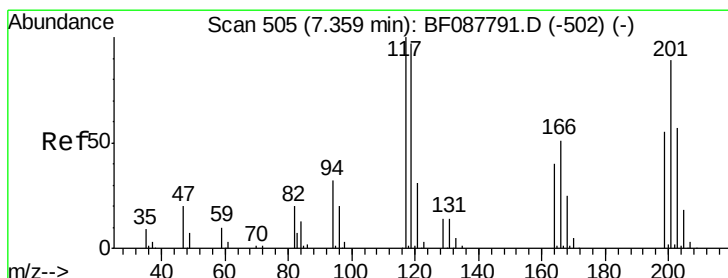
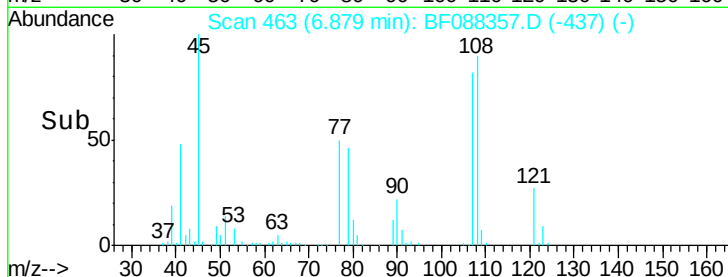
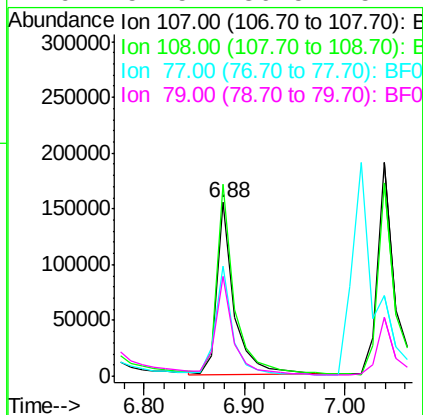
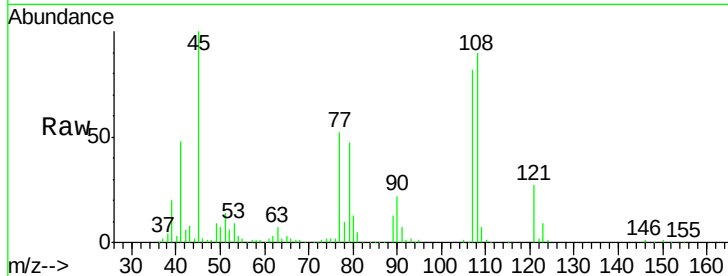
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:	107	Resp:	187403
Ion Ratio	Lower	Upper	
107	100		
108	110.7	90.9	136.3
77	63.2	36.6	55.0#
79	57.5	36.5	54.7#



#18

Hexachloroethane

Concen: 35.97 ng

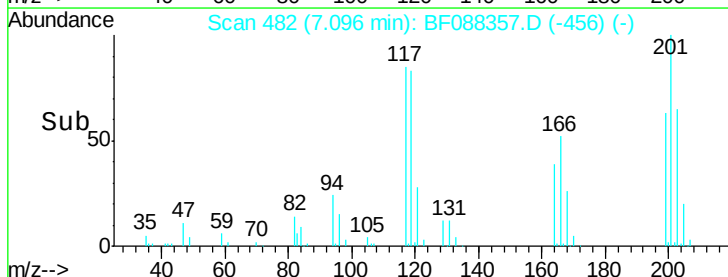
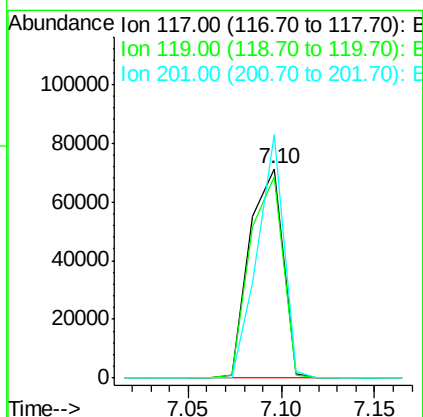
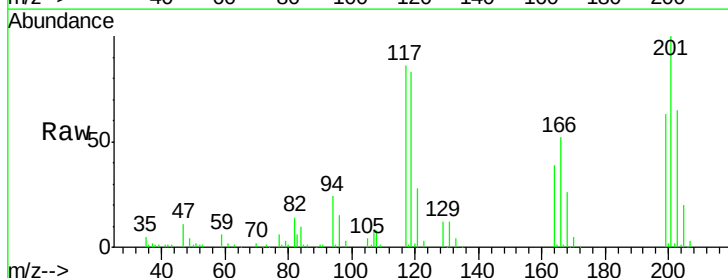
RT: 7.10 min Scan# 482

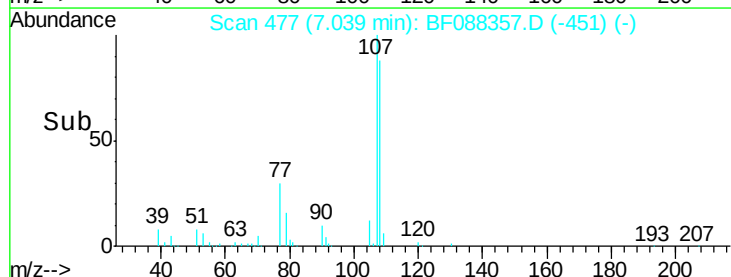
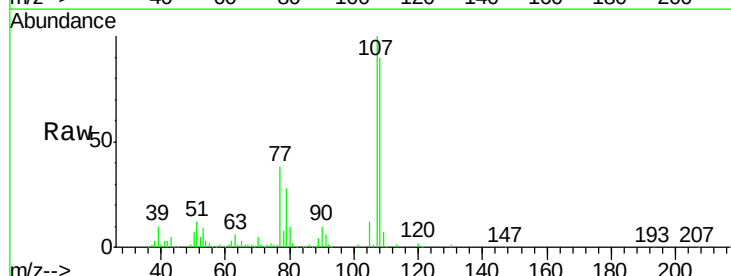
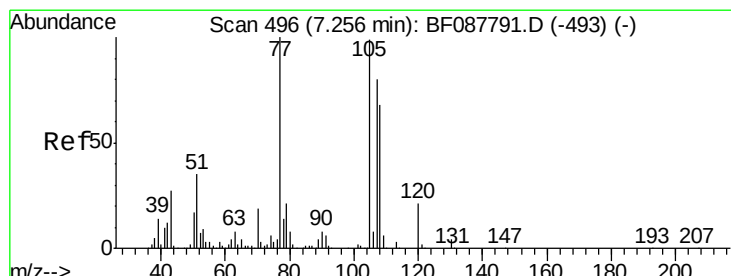
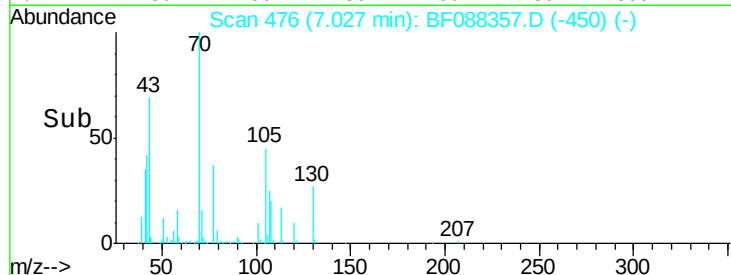
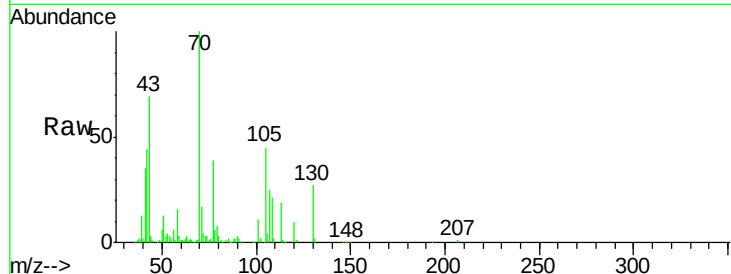
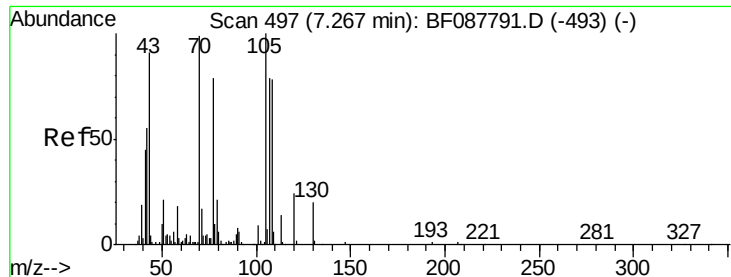
Delta R.T. -0.00 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

Tgt Ion:	117	Resp:	88365
Ion Ratio	Lower	Upper	
117	100		
119	96.3	77.4	116.2
201	116.2	80.4	120.6

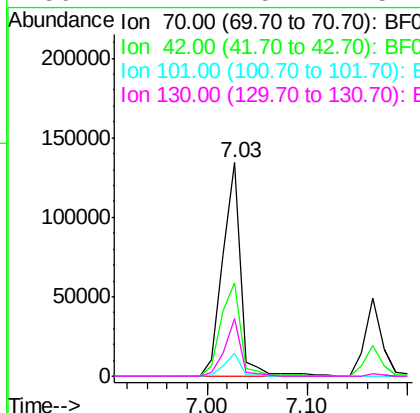




#19
n-Nitroso-di-n-propylamine
Concen: 39.75 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.00 min
Lab File: BF088357.D
Acq: 25 Jun 2016 4:22

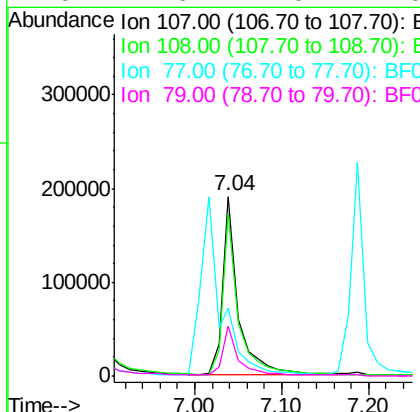
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

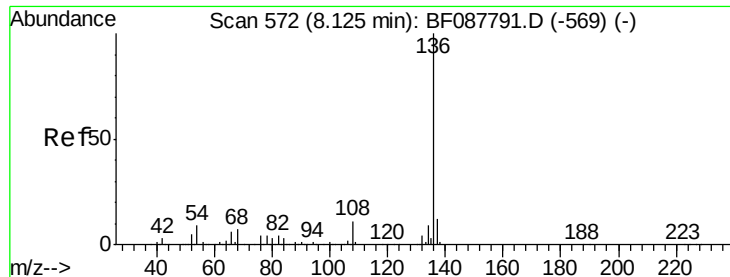
Tgt Ion: 70 Resp: 166803
Ion Ratio Lower Upper
70 100
42 43.5 49.6 74.4#
101 10.6 7.1 10.7
130 27.1 15.4 23.2#



#20
3+4-Methylphenols
Concen: 39.72 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF088357.D
Acq: 25 Jun 2016 4:22

Tgt Ion: 107 Resp: 240737
Ion Ratio Lower Upper
107 100
108 90.4 67.8 107.8
77 37.7 59.3 99.3#
79 27.6 7.0 47.0

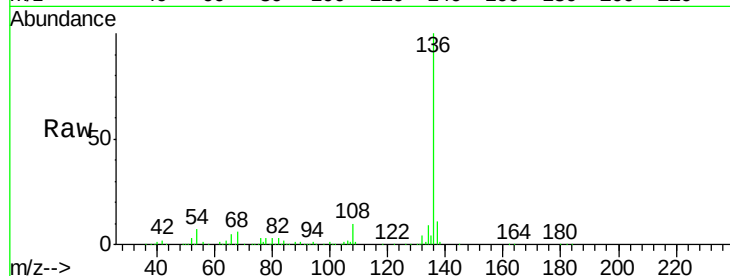




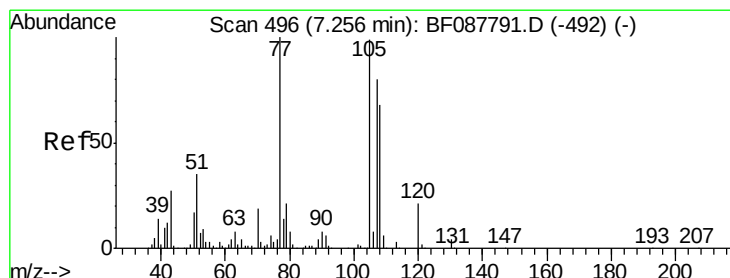
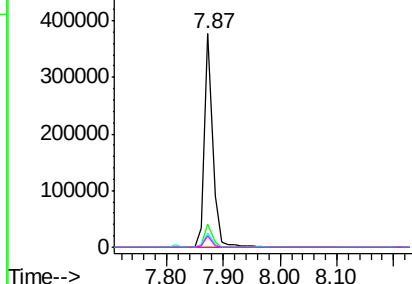
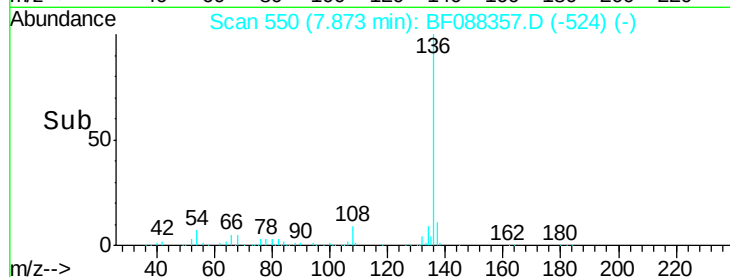
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF088357.D
Acq: 25 Jun 2016 4:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	365528
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.8	6.6	10.0
68	5.6	5.1	7.7

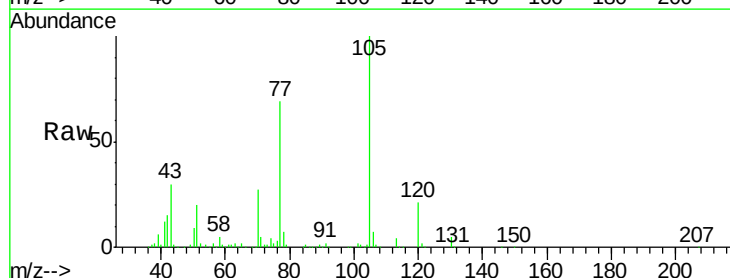


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

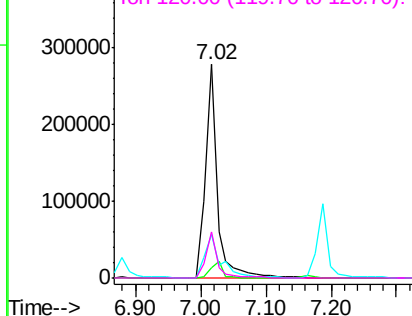
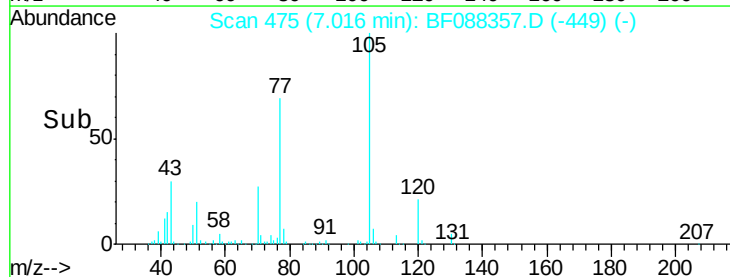


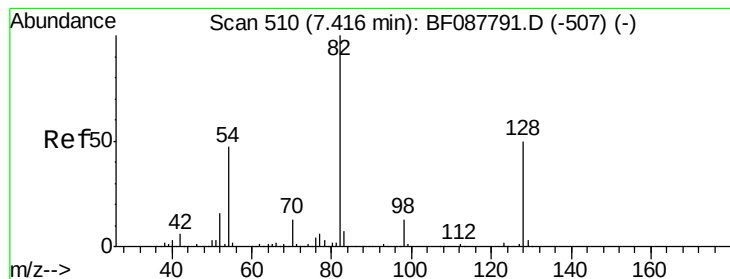
#22
Acetophenone
Concen: 43.09 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.00 min
Lab File: BF088357.D
Acq: 25 Jun 2016 4:22

Tgt Ion:	105	Resp:	351968
Ion	Ratio	Lower	Upper
105	100		
71	4.6	5.3	7.9#
51	20.3	18.2	27.4
120	21.4	18.0	27.0



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





#23

Nitrobenzene-d5

Concen: 74.16 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

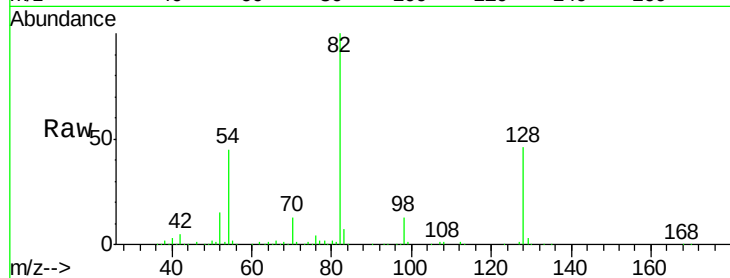
Tgt Ion: 82 Resp: 464197

Ion Ratio Lower Upper

82 100

128 46.5 35.9 53.9

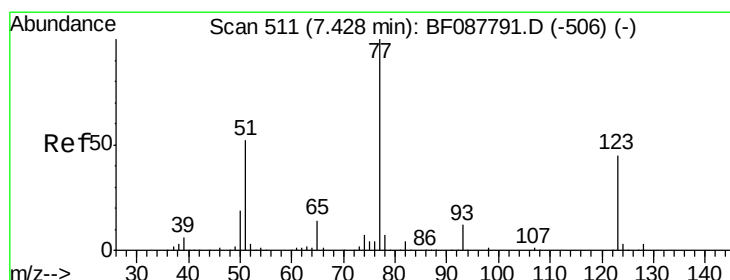
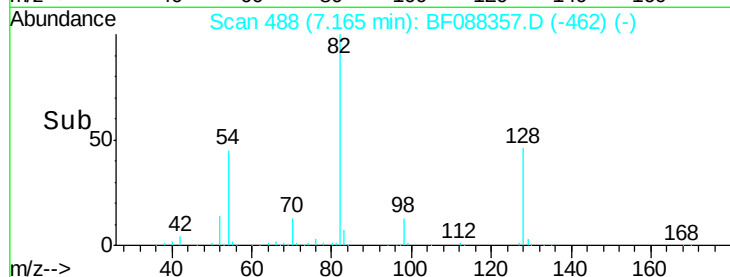
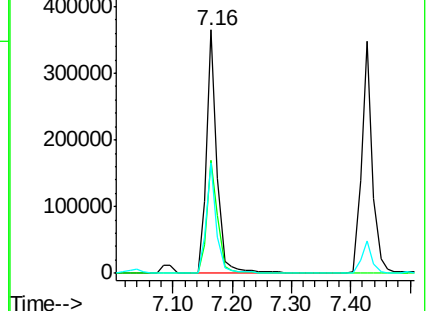
54 45.4 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 41.84 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.00 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

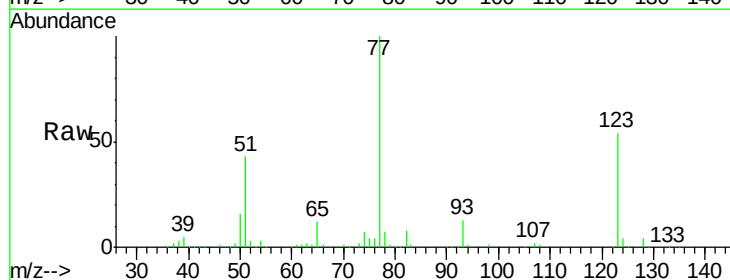
Tgt Ion: 77 Resp: 253676

Ion Ratio Lower Upper

77 100

123 54.4 45.0 67.4

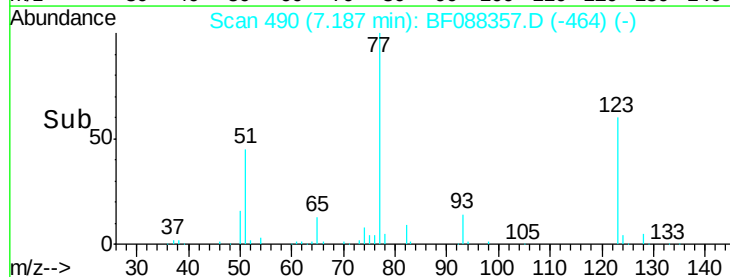
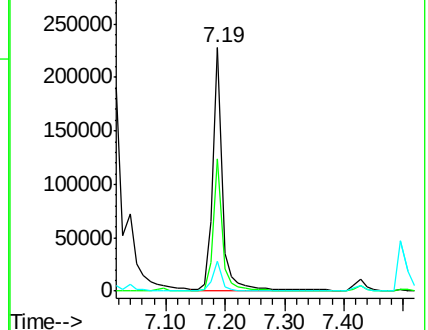
65 12.5 10.2 15.2

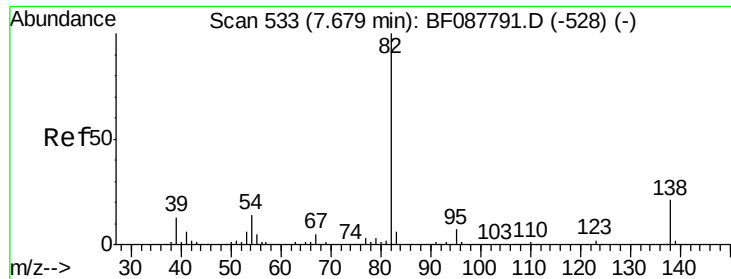


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.63 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

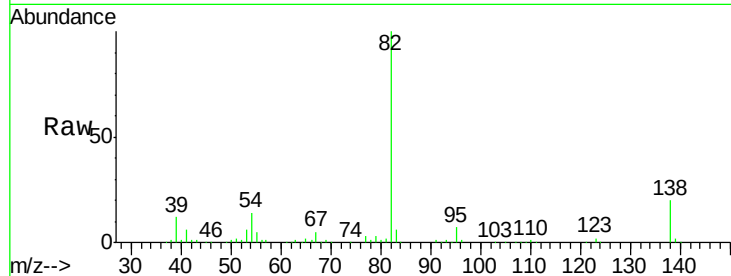
Tgt Ion: 82 Resp: 436283

Ion Ratio Lower Upper

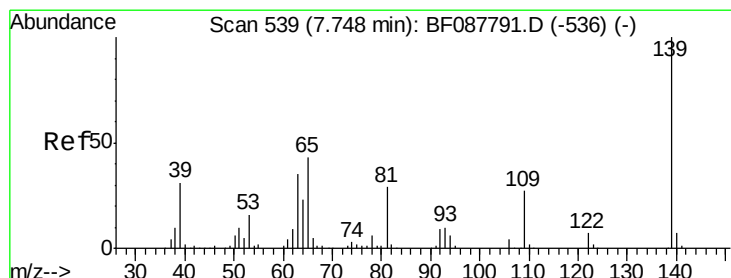
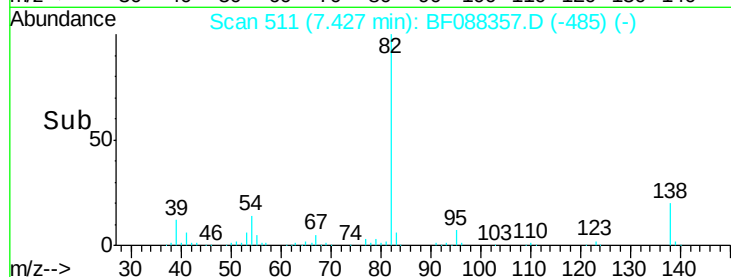
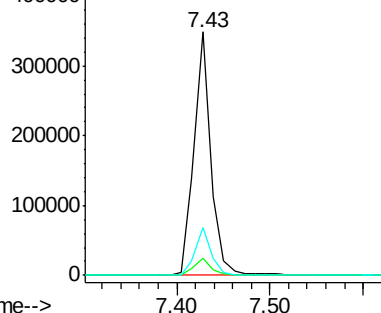
82 100

95 7.3 5.4 8.2

138 19.8 14.6 21.8



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



#26

2-Nitrophenol

Concen: 39.92 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

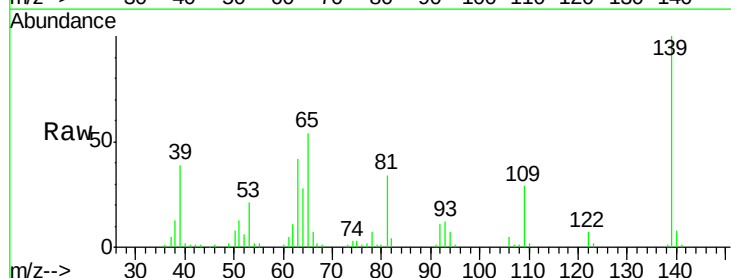
Tgt Ion: 139 Resp: 129674

Ion Ratio Lower Upper

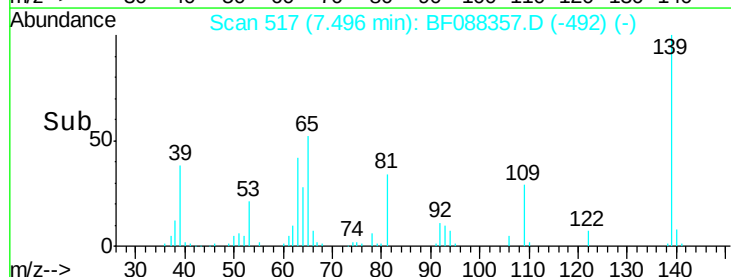
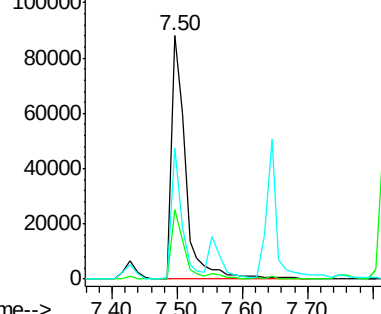
139 100

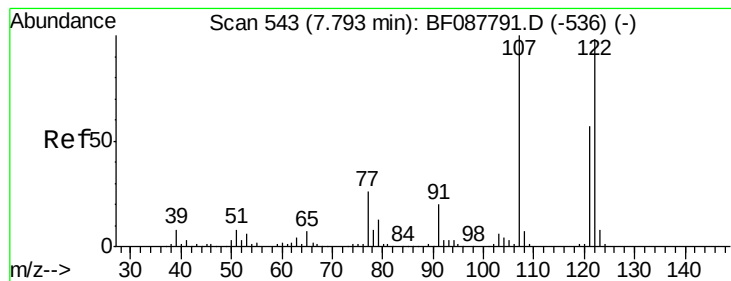
109 28.5 23.0 34.4

65 53.6 45.8 68.8



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





#27

2,4-Dimethylphenol

Concen: 33.29 ng

RT: 7.55 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

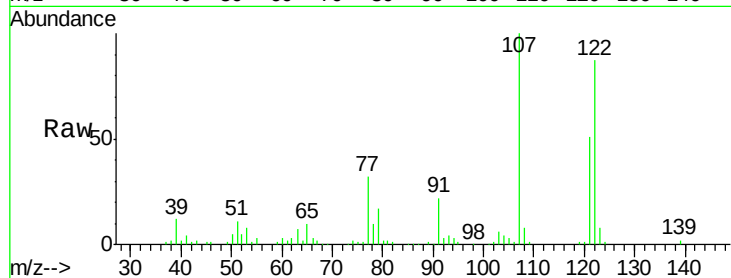
Tgt Ion:122 Resp: 199075

Ion Ratio Lower Upper

122 100

107 115.1 82.4 123.6

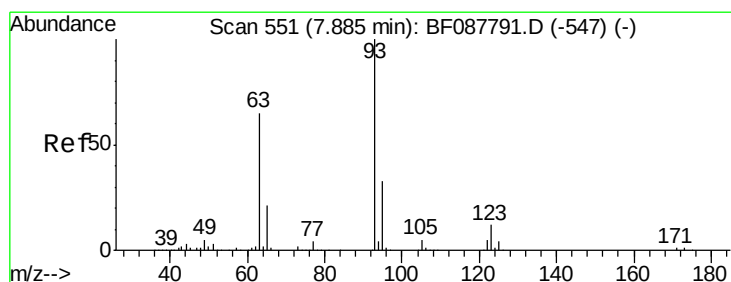
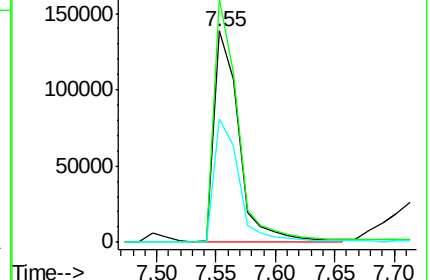
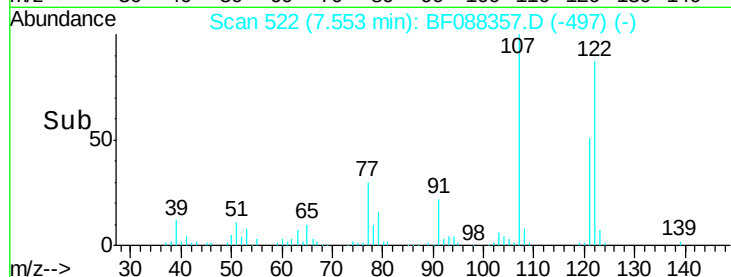
121 58.4 46.3 69.5



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: 40.71 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

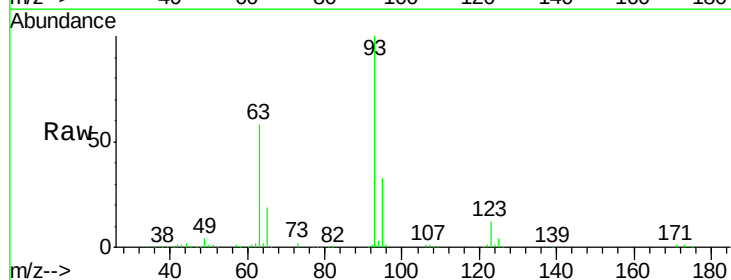
Tgt Ion: 93 Resp: 292738

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

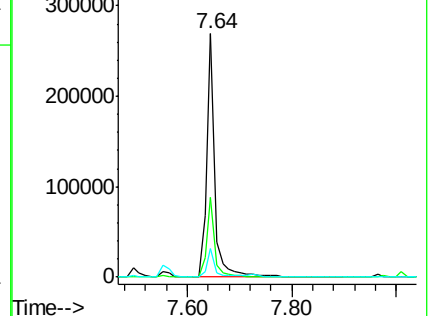
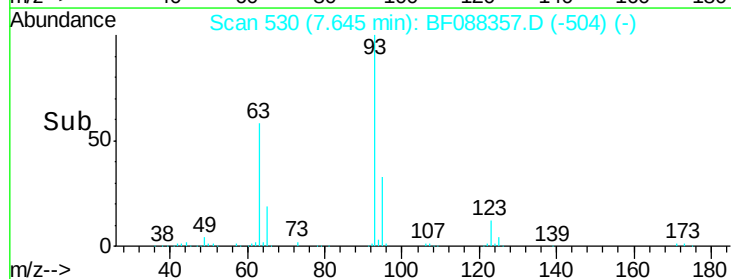
123 11.7 11.6 17.4

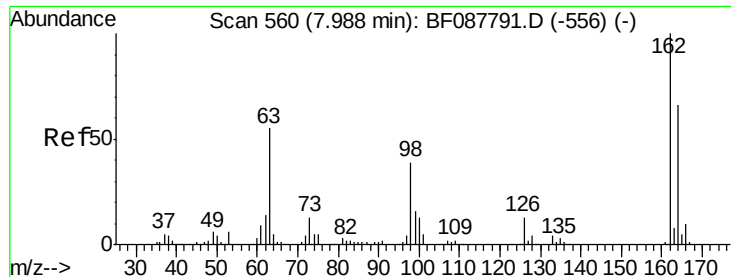


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

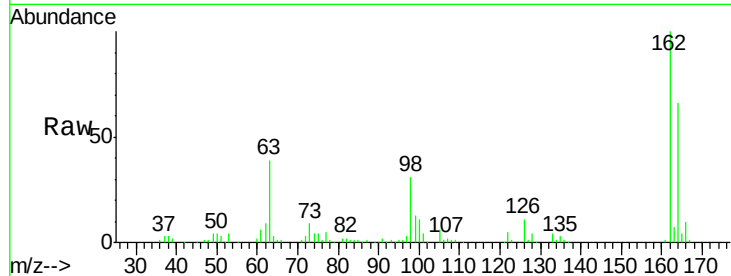




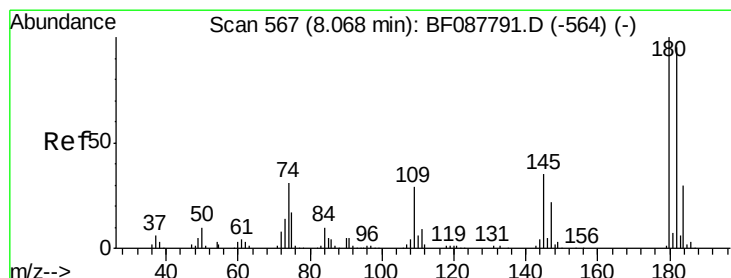
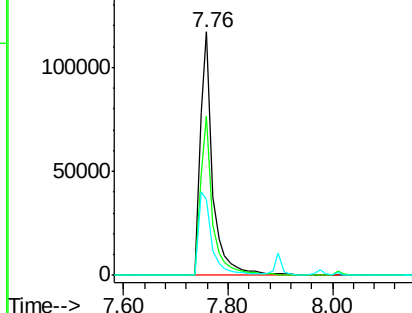
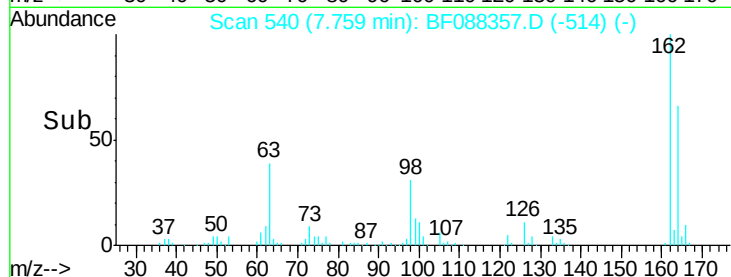
#29
2,4-Dichlorophenol
Concen: 39.12 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF088357.D
Acq: 25 Jun 2016 4:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.5	43.8	83.8
98	30.9	21.3	61.3

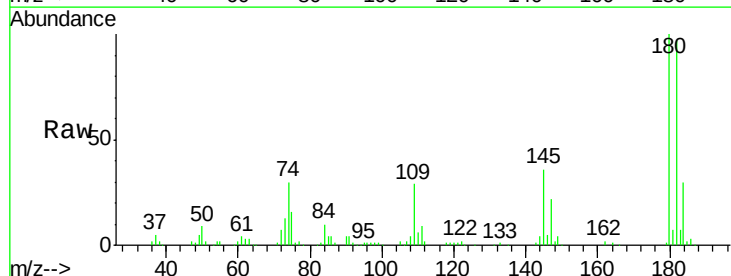


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

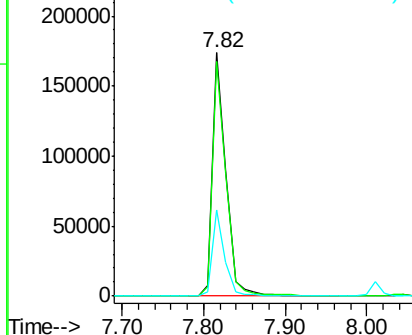
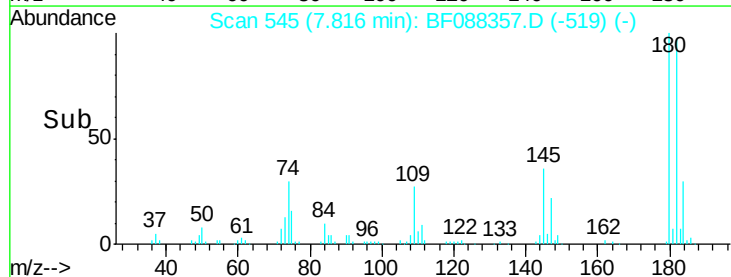


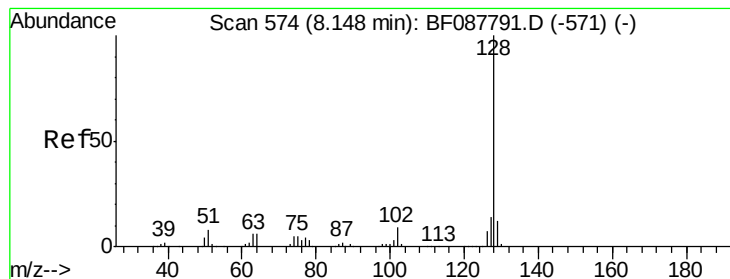
#30
1,2,4-Trichlorobenzene
Concen: 37.29 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF088357.D
Acq: 25 Jun 2016 4:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.0	114.0
145	35.6	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: 37.95 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.00 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

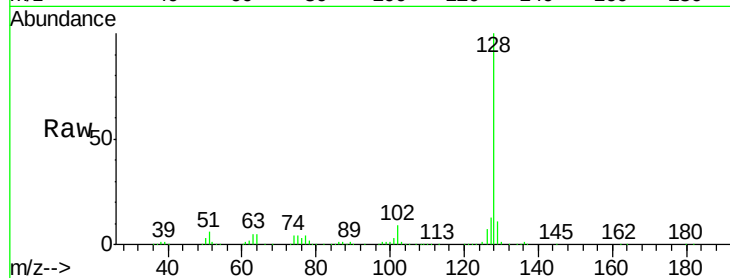
Tgt Ion:128 Resp: 686514

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.2

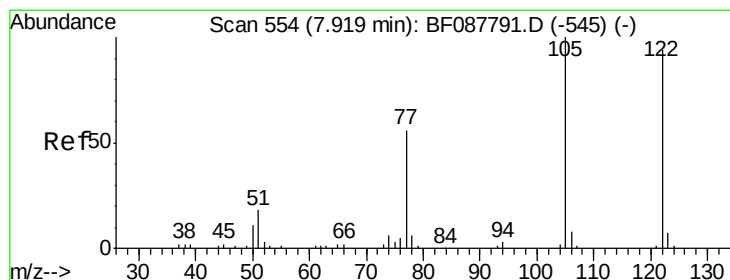
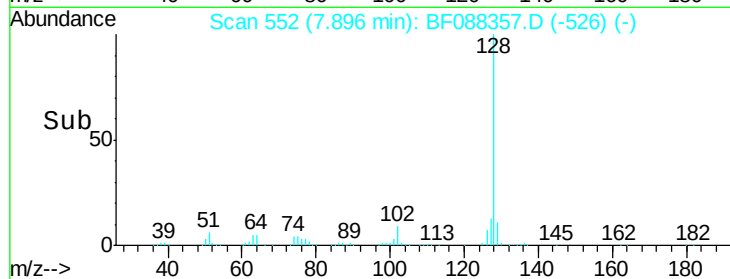
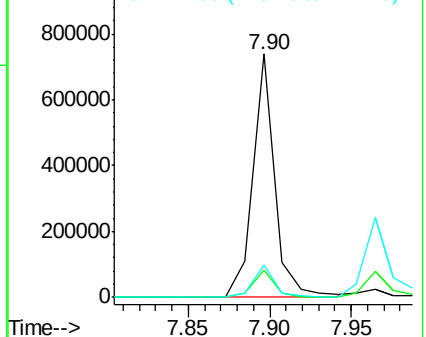
127 13.5 10.9 16.3



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: 28.13 ng

RT: 7.72 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

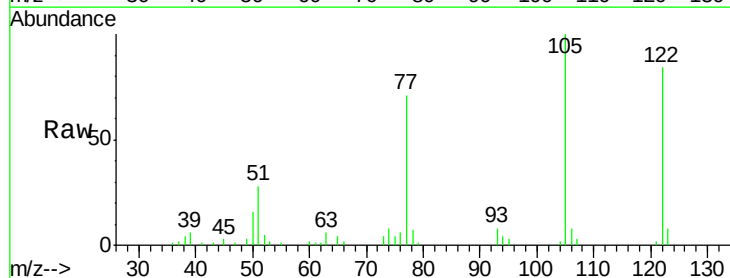
Tgt Ion:122 Resp: 92636

Ion Ratio Lower Upper

122 100

105 118.9 101.6 141.6

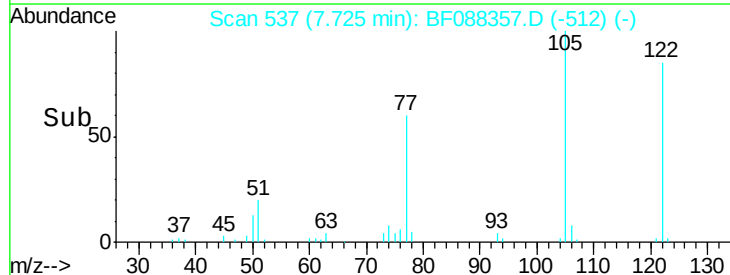
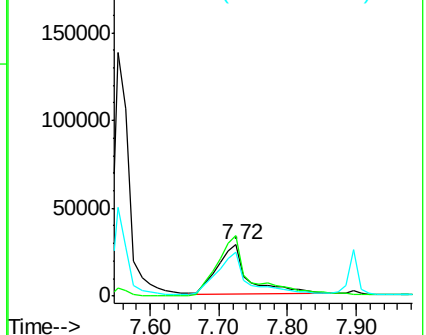
77 84.6 70.6 110.6

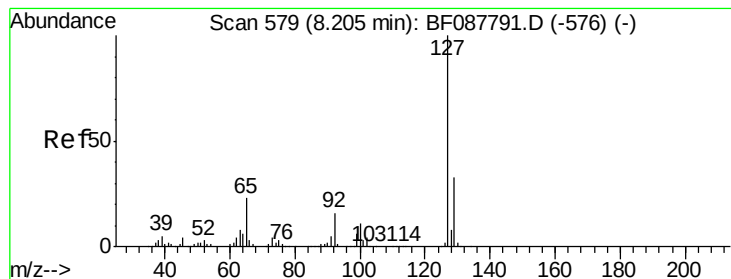


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 36.16 ng

RT: 7.96 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

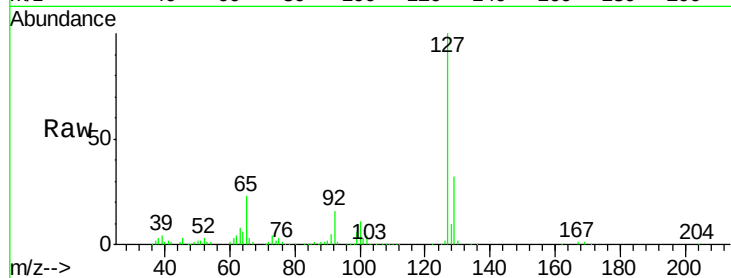
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:	127	Resp:	292081
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.3	39.5
65	22.9	24.7	37.1#
92	16.3	15.4	23.0

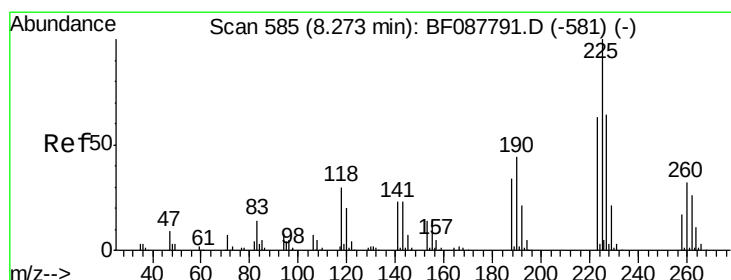
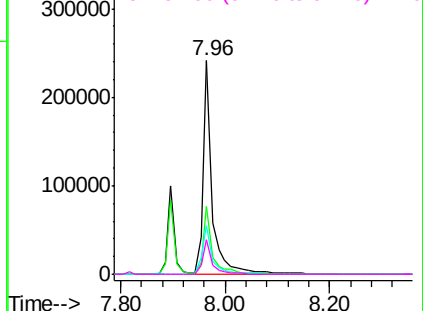
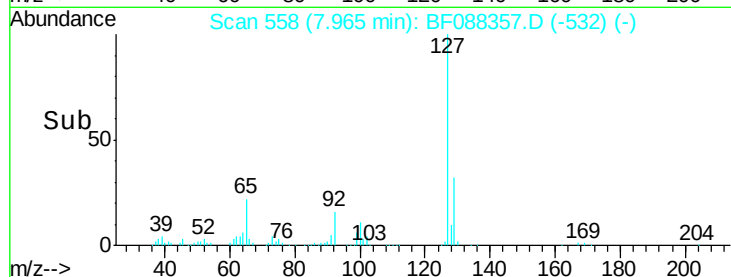


Abundance Ion 127.00 (126.70 to 127.70): E

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: 36.46 ng

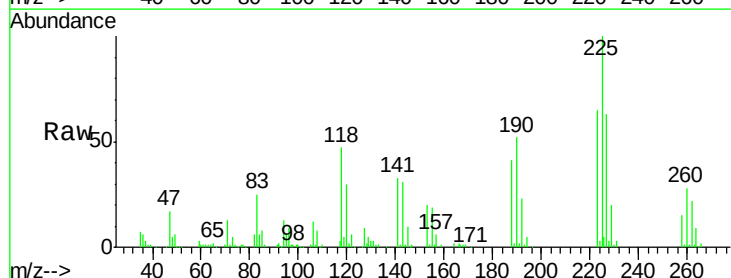
RT: 8.01 min Scan# 562

Delta R.T. -0.00 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

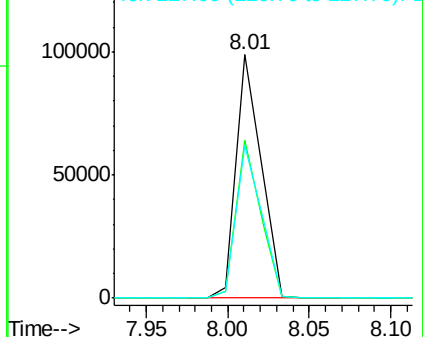
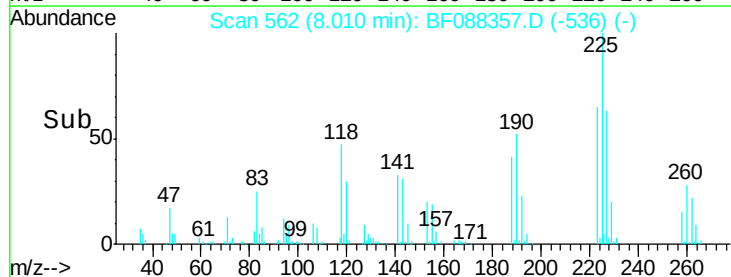
Tgt Ion:	225	Resp:	104533
Ion	Ratio	Lower	Upper
225	100		
223	65.0	50.9	76.3
227	62.7	51.9	77.9

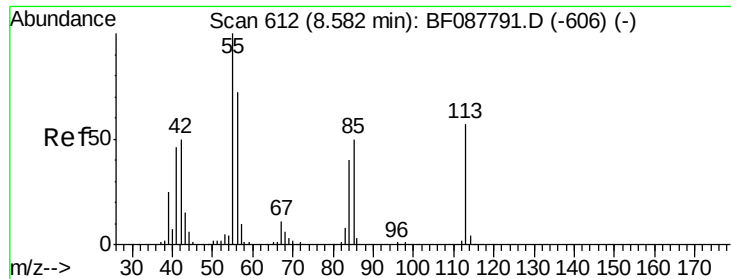


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

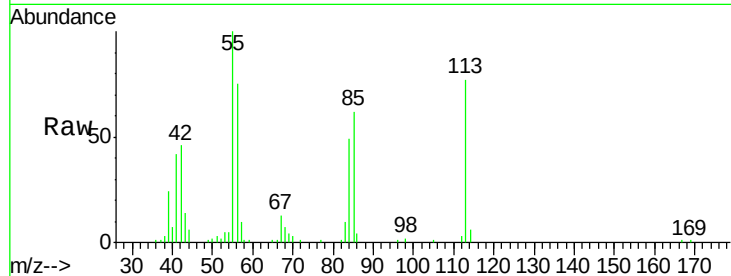




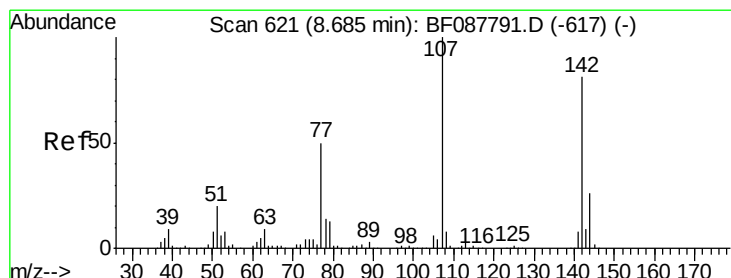
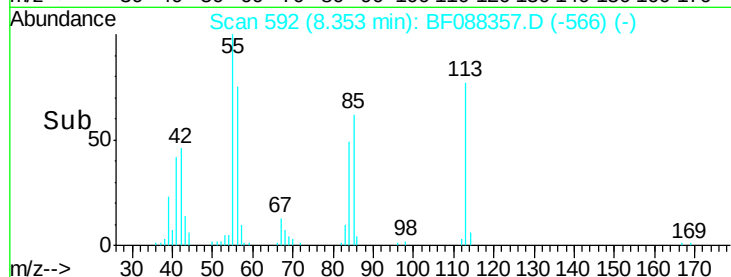
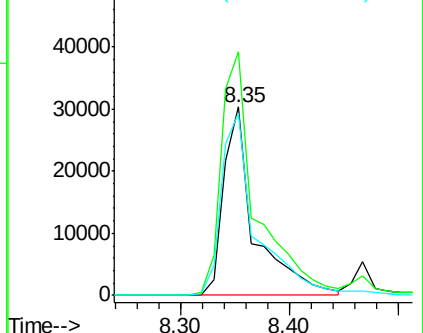
#35
 Caprolactam
 Concen: 36.29 ng
 RT: 8.35 min Scan# 592
 Delta R.T. -0.00 min
 Lab File: BF088357.D
 Acq: 25 Jun 2016 4:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 60027
 Ion Ratio Lower Upper
 113 100
 55 129.4 158.6 198.6#
 56 96.7 110.6 150.6#

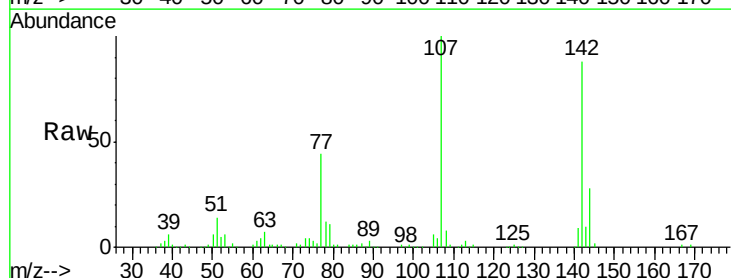


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

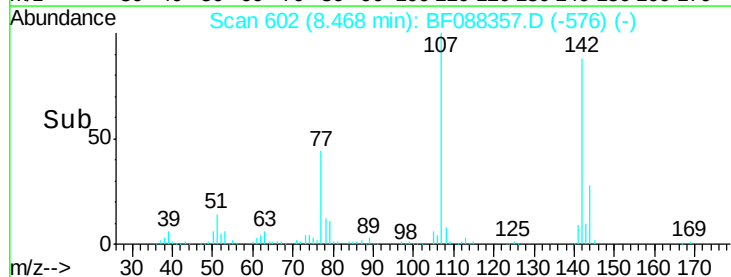
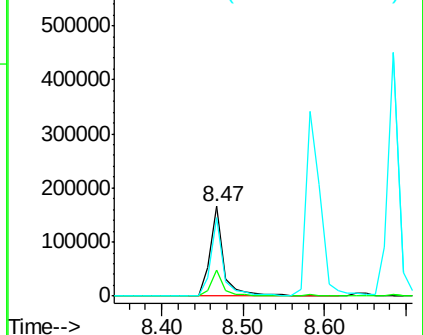


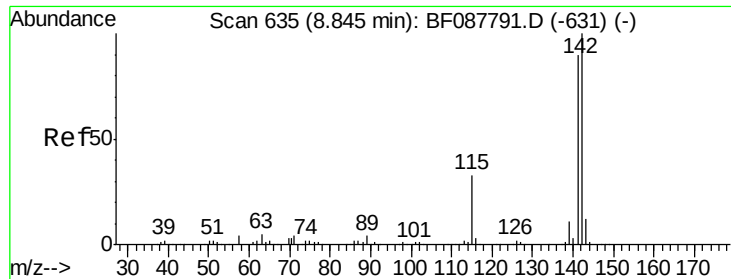
#36
 4-Chloro-3-methylphenol
 Concen: 37.47 ng
 RT: 8.47 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF088357.D
 Acq: 25 Jun 2016 4:22

Tgt Ion:107 Resp: 200078
 Ion Ratio Lower Upper
 107 100
 144 28.4 20.8 31.2
 142 87.8 63.4 95.2



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





#37

2-Methylnaphthalene

Concen: 34.73 ng

RT: 8.58 min Scan# 612

Delta R.T. -0.00 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

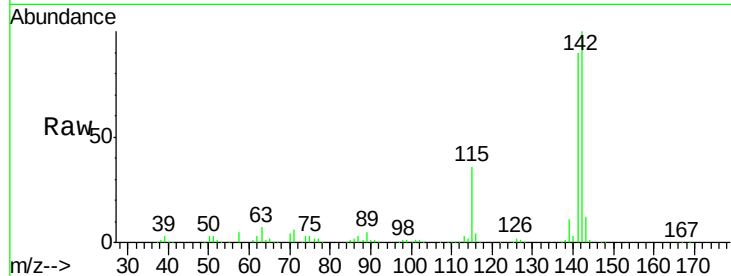
Tgt Ion:142 Resp: 414014

Ion Ratio Lower Upper

142 100

141 89.5 71.0 106.6

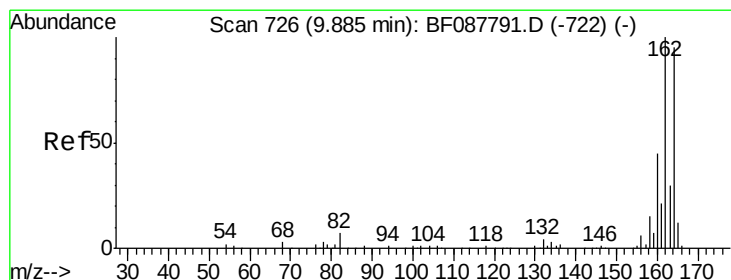
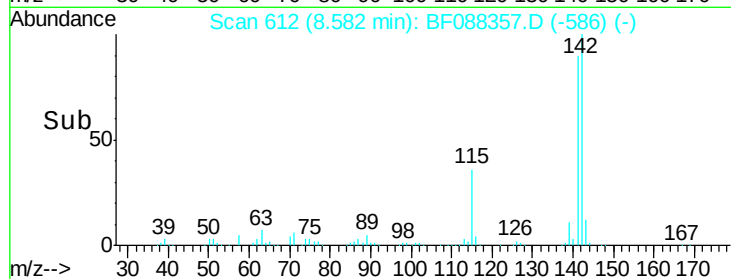
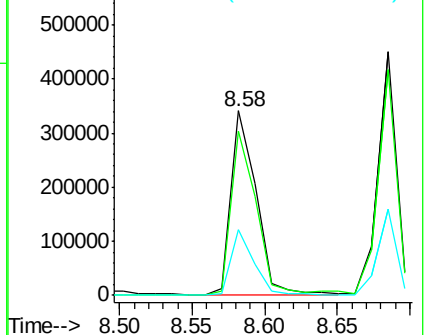
115 35.8 22.6 33.8#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

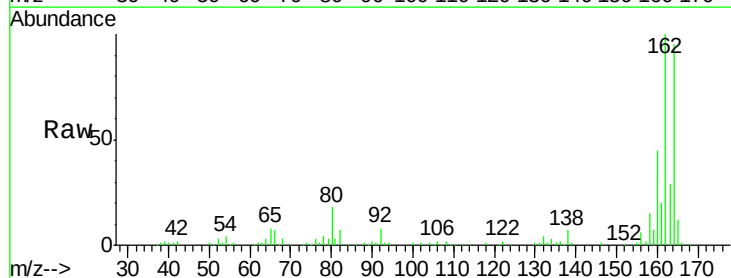
Tgt Ion:164 Resp: 150788

Ion Ratio Lower Upper

164 100

162 104.8 85.4 128.2

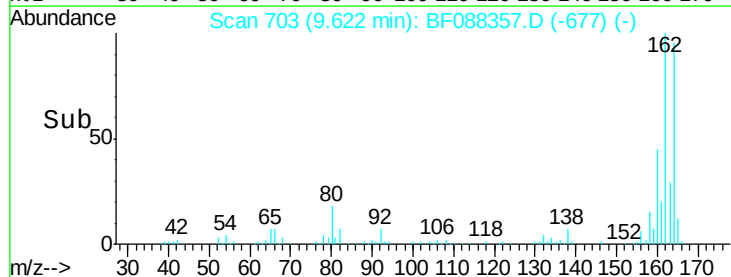
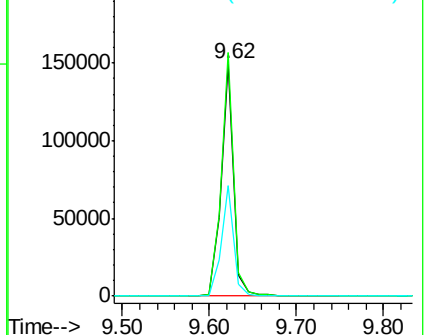
160 47.4 39.5 59.3

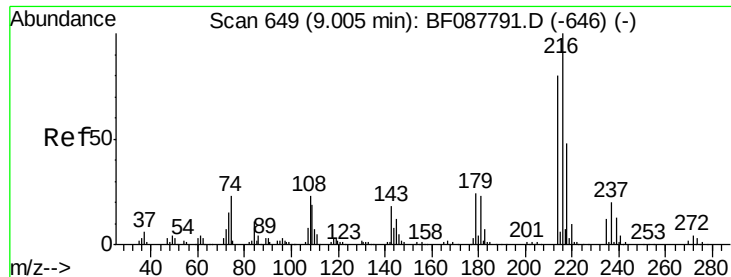


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 50.68 ng

RT: 8.75 min Scan# 627

Delta R.T. -0.00 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 190416

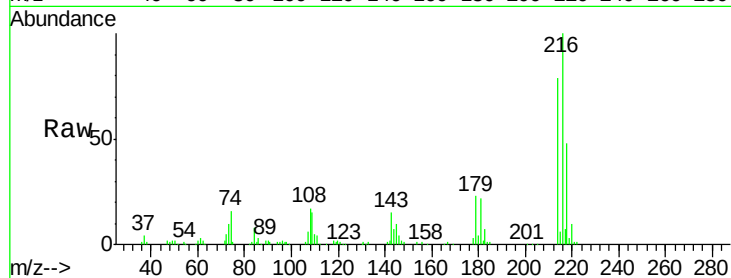
Ion Ratio Lower Upper

216 100

214 79.2 2.9 4.3#

179 22.6 0.0 0.0#

108 18.6 0.5 0.7#

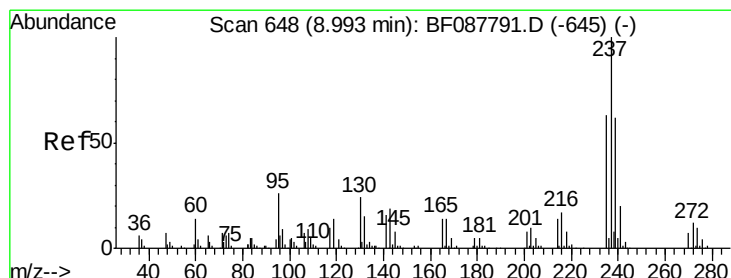
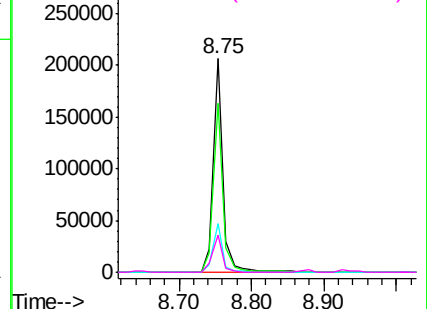
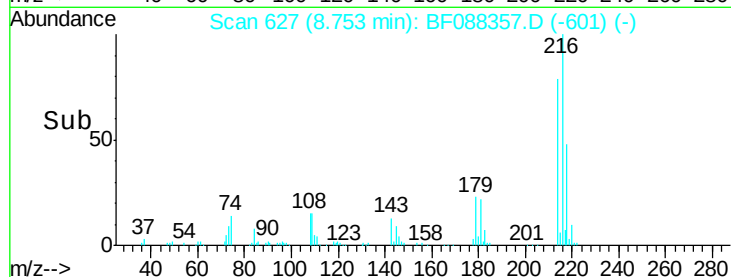


Abundance Ion 216.00 (215.70 to 216.70): E

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: 3.27 ng

RT: 8.73 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

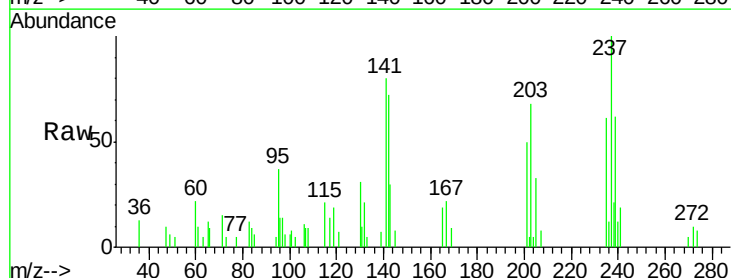
Tgt Ion:237 Resp: 7946

Ion Ratio Lower Upper

237 100

235 61.1 43.4 83.4

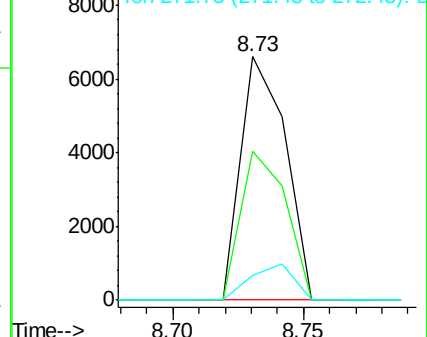
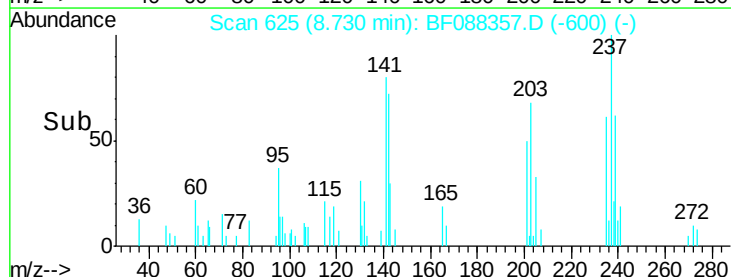
272 10.2 0.0 32.3

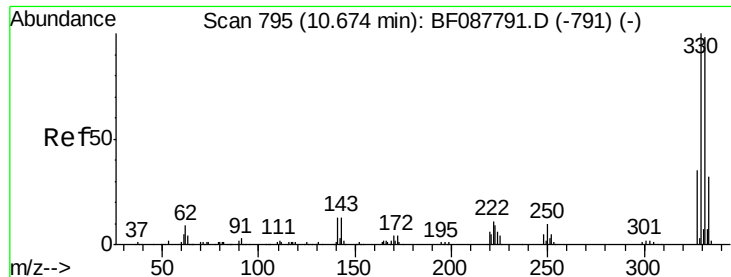


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

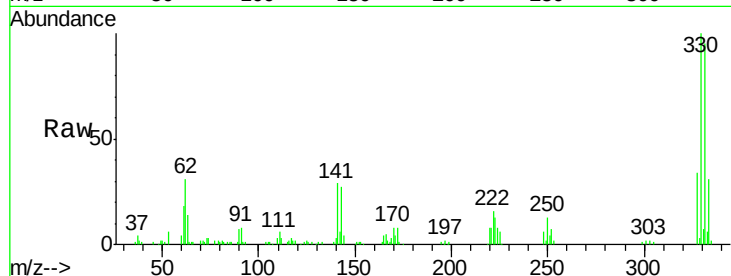




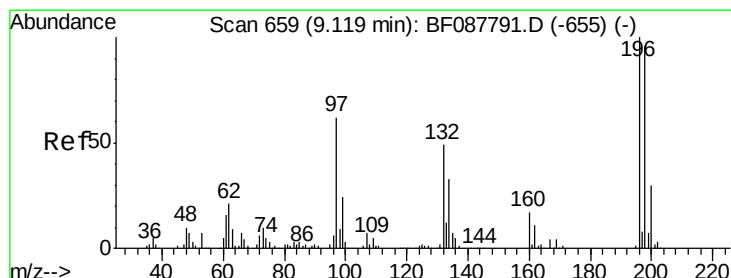
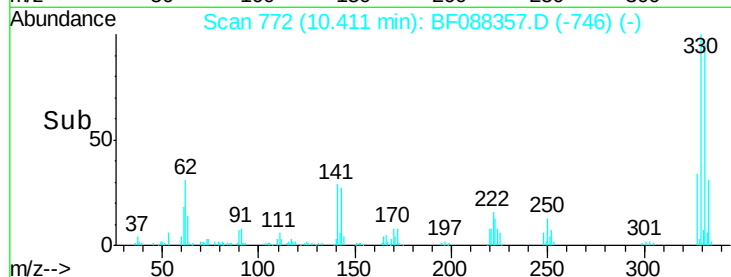
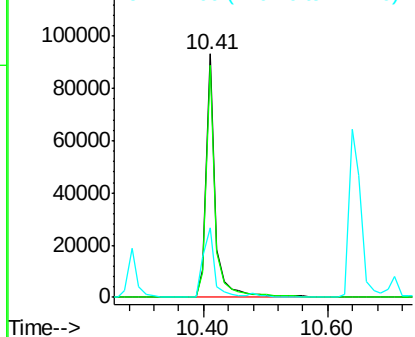
#41
 2,4,6-Tribromophenol
 Concen: 61.51 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BF088357.D
 Acq: 25 Jun 2016 4:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 97936
 Ion Ratio Lower Upper
 330 100
 332 95.3 0.0 0.0#
 141 35.8 0.0 0.0#

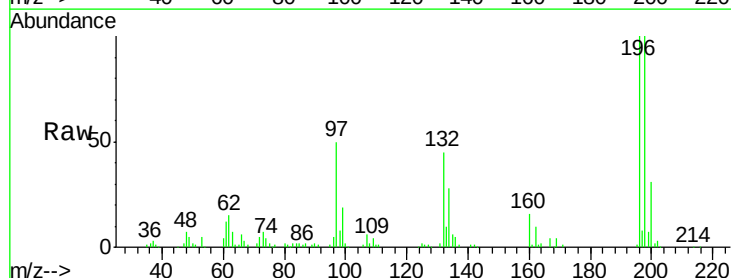


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

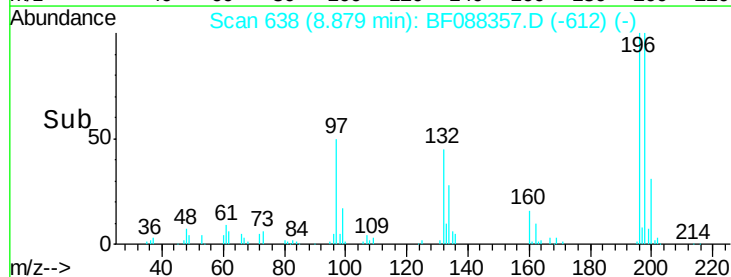
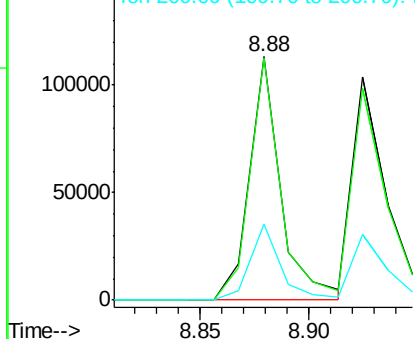


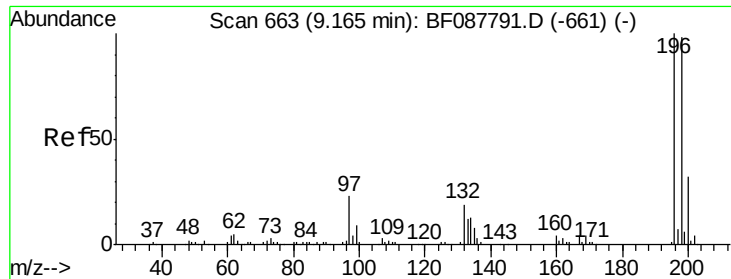
#42
 2,4,6-Trichlorophenol
 Concen: 37.83 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.00 min
 Lab File: BF088357.D
 Acq: 25 Jun 2016 4:22

Tgt Ion:196 Resp: 114085
 Ion Ratio Lower Upper
 196 100
 198 99.6 78.0 117.0
 200 31.1 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

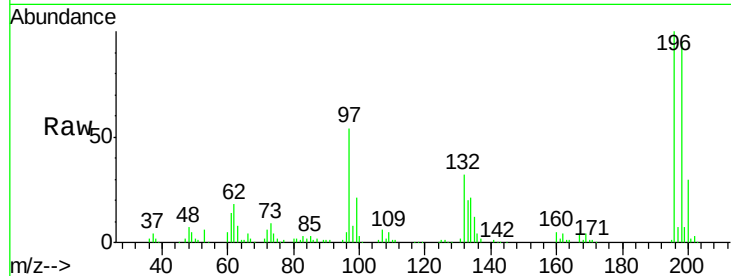




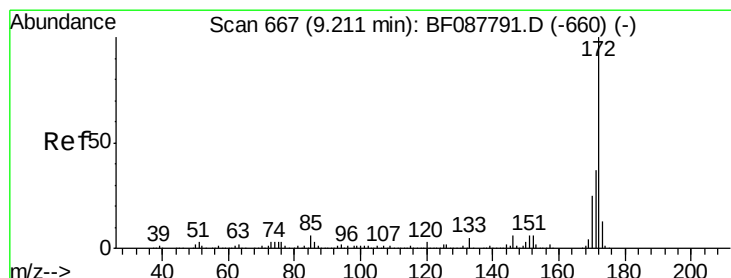
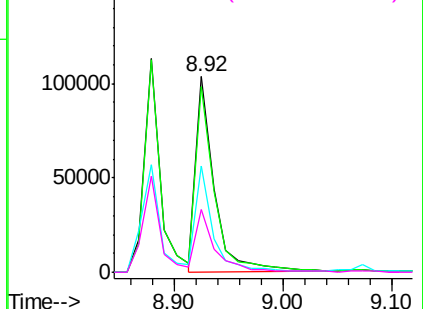
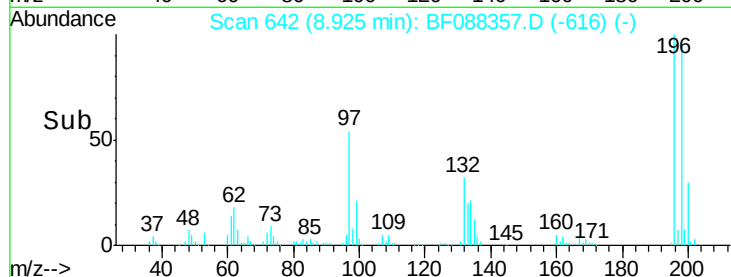
#43
2,4,5-Trichlorophenol
Concen: 38.85 ng
RT: 8.92 min Scan# 642
Delta R.T. -0.00 min
Lab File: BF088357.D
Acq: 25 Jun 2016 4:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.9	77.5	116.3
97	54.2	32.0	48.0
132	31.9	20.9	31.3

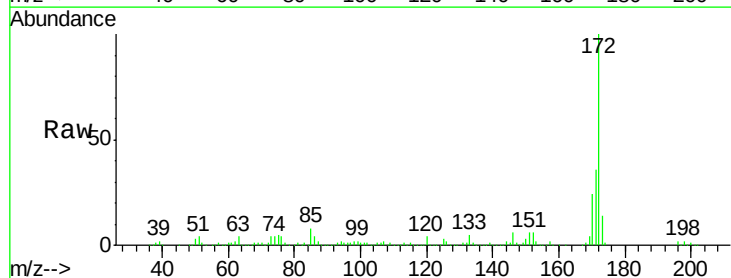


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

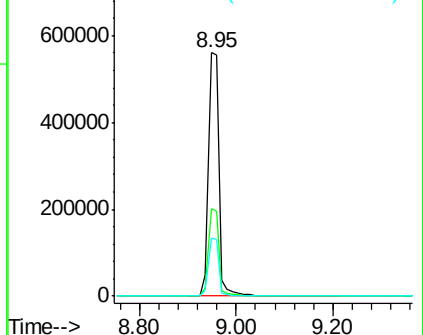
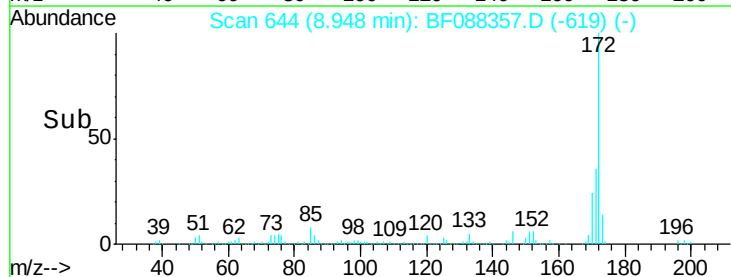


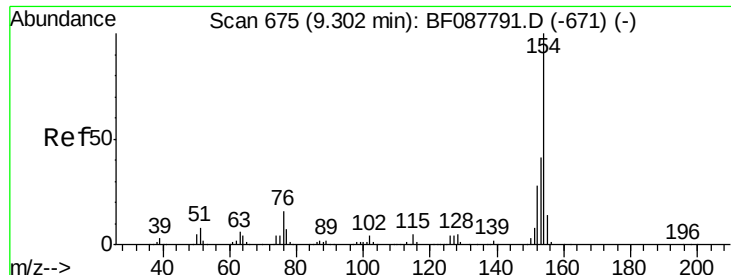
#44
2-Fluorobiphenyl
Concen: 90.33 ng
RT: 8.95 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF088357.D
Acq: 25 Jun 2016 4:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.8	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: 47.04 ng

RT: 9.05 min Scan# 653

Delta R.T. -0.00 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

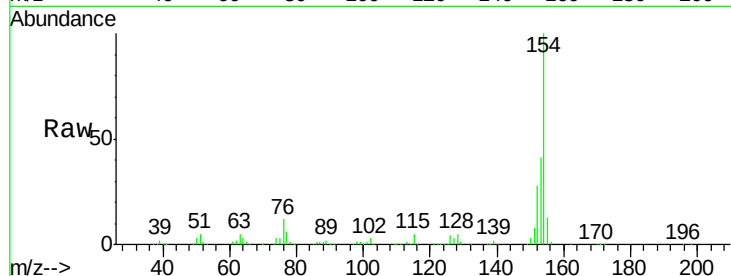
Tgt Ion:154 Resp: 529243

Ion Ratio Lower Upper

154 100

153 41.2 20.6 60.6

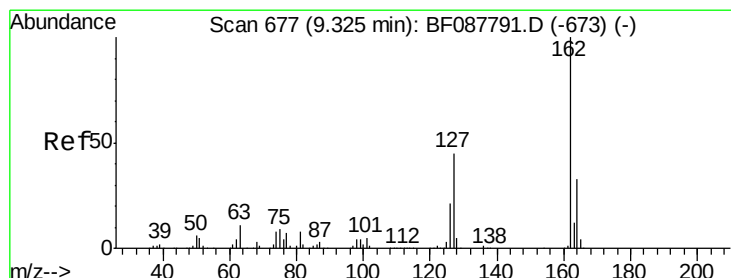
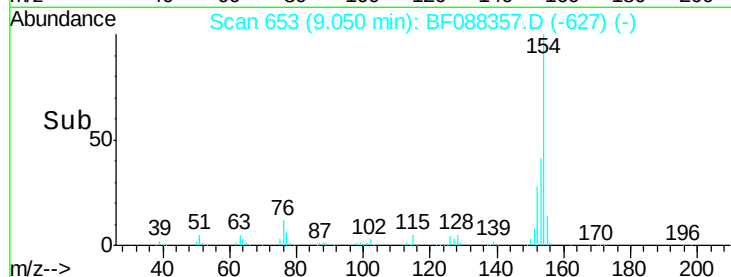
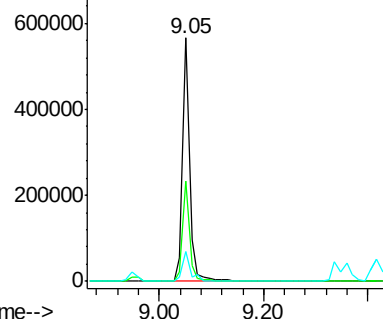
76 12.4 0.0 35.1



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: 41.31 ng

RT: 9.07 min Scan# 655

Delta R.T. -0.00 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

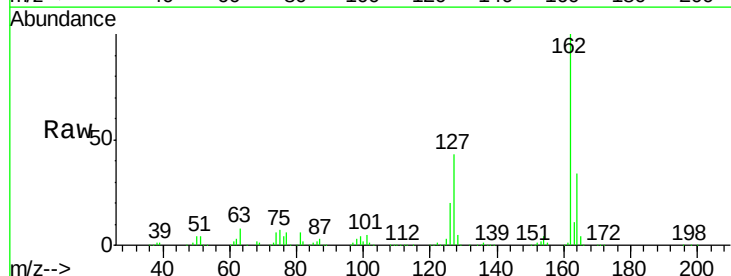
Tgt Ion:162 Resp: 403107

Ion Ratio Lower Upper

162 100

127 42.5 35.2 52.8

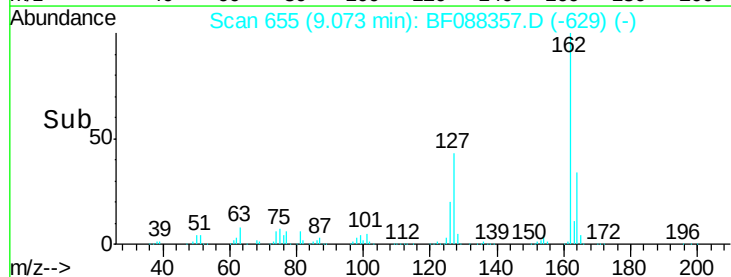
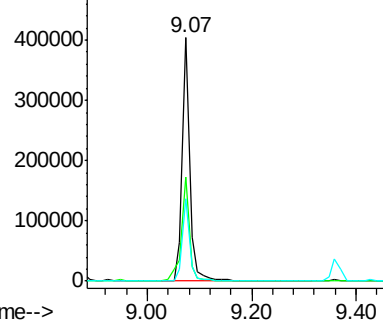
164 33.7 26.6 39.8

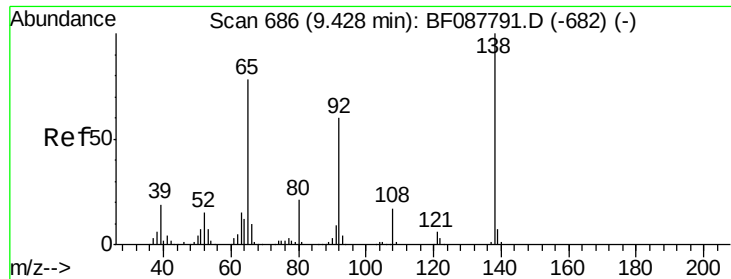


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

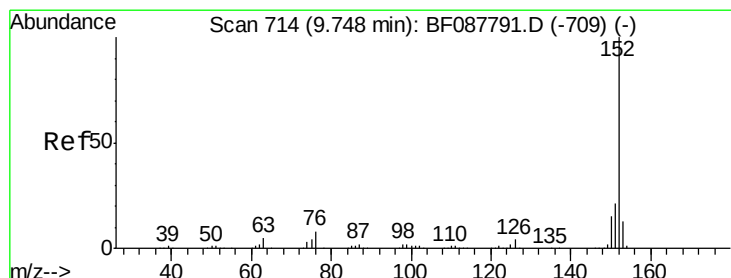
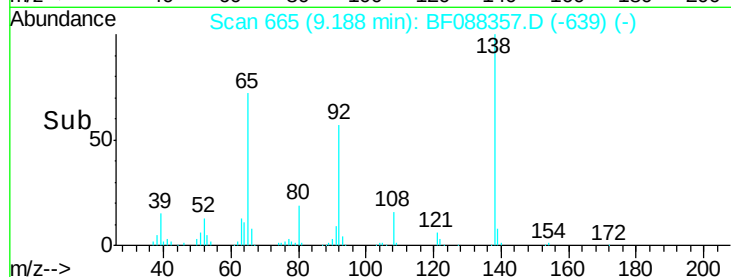
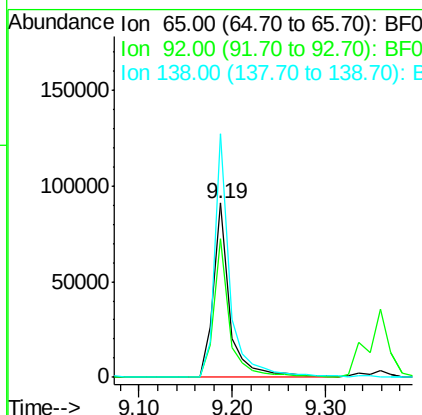
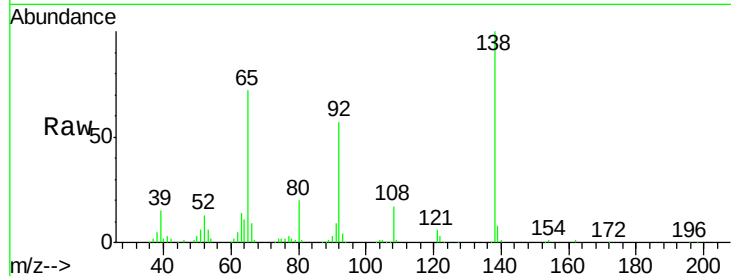




#47
2-Nitroaniline
Concen: 39.26 ng
RT: 9.19 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF088357.D
Acq: 25 Jun 2016 4:22

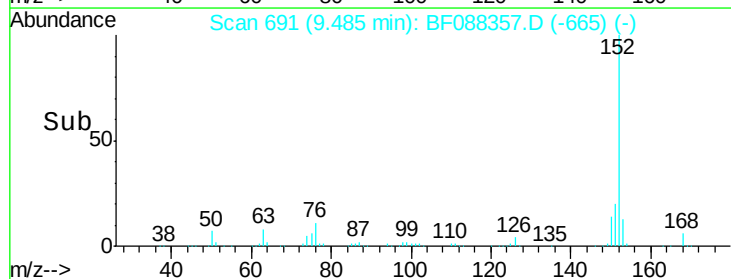
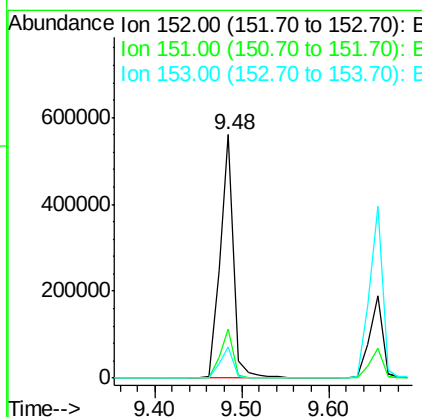
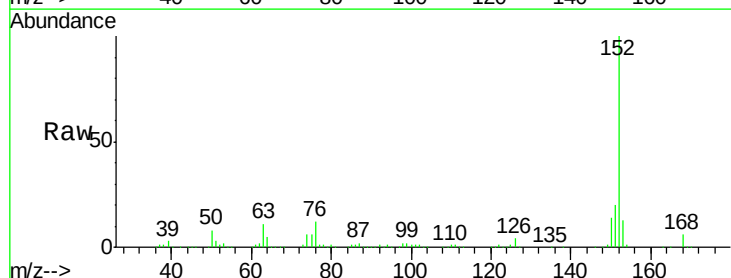
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

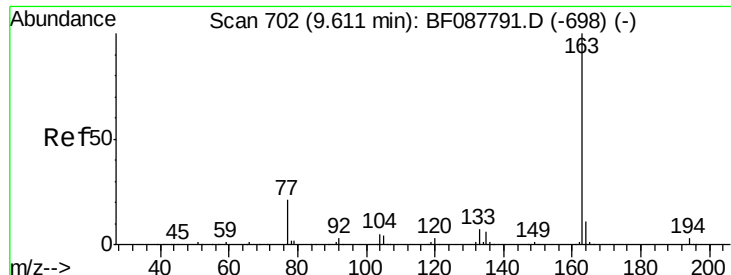
Tgt Ion: 65 Resp: 113011
Ion Ratio Lower Upper
65 100
92 79.6 54.6 82.0
138 139.7 77.0 115.4#



#48
Acenaphthylene
Concen: 39.02 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF088357.D
Acq: 25 Jun 2016 4:22

Tgt Ion: 152 Resp: 605634
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.0 11.0 16.6





#49

Dimethylphthalate

Concen: 41.40 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

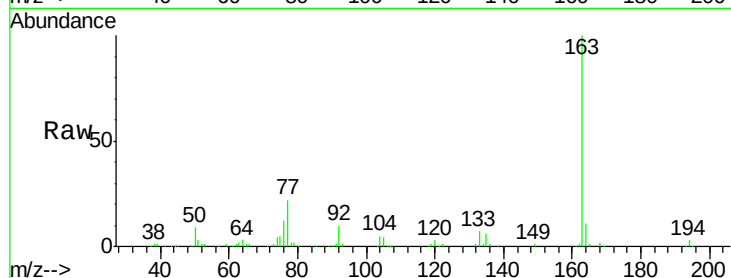
Tgt Ion:163 Resp: 452178

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

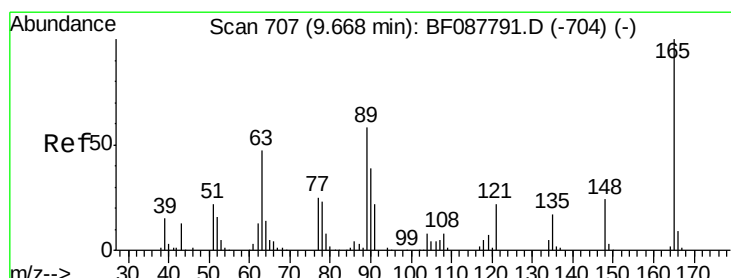
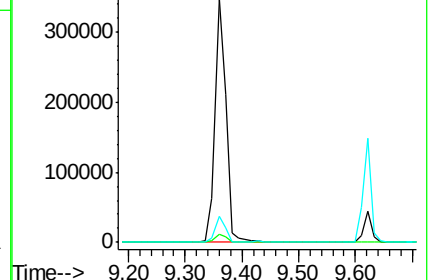
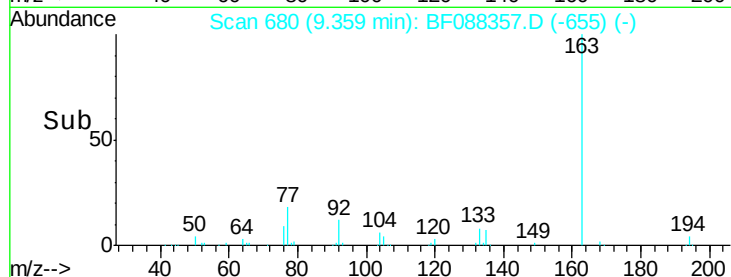
164 10.6 8.3 12.5



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: 41.20 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

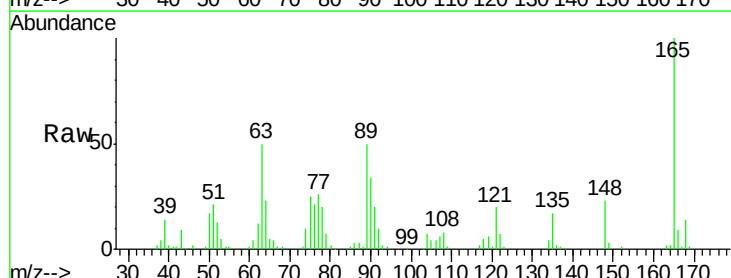
Tgt Ion:165 Resp: 103063

Ion Ratio Lower Upper

165 100

63 49.5 28.1 42.1#

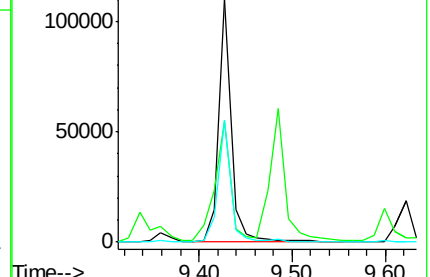
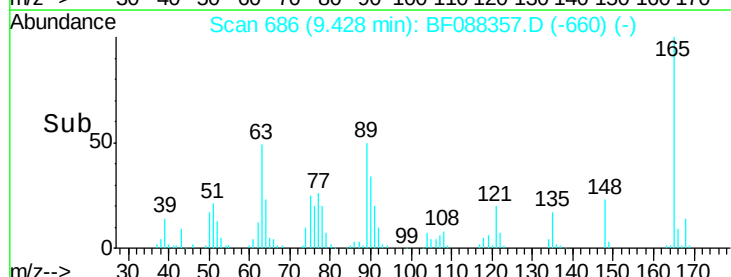
89 50.3 32.2 48.2#

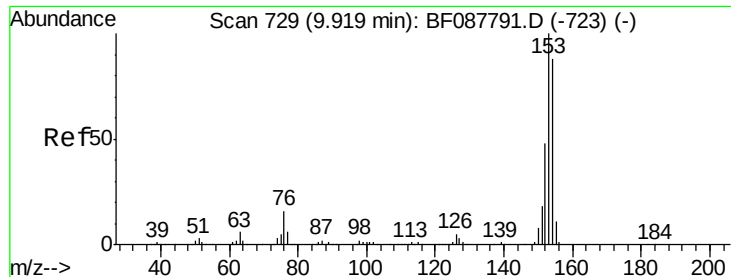


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.32 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

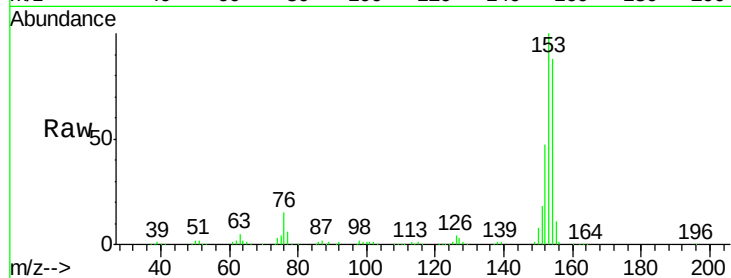
Tgt Ion:154 Resp: 361351

Ion Ratio Lower Upper

154 100

153 114.0 89.5 134.3

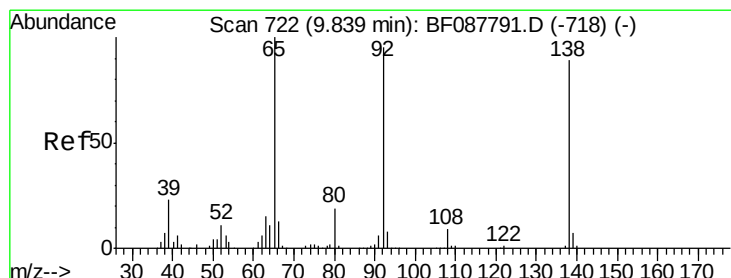
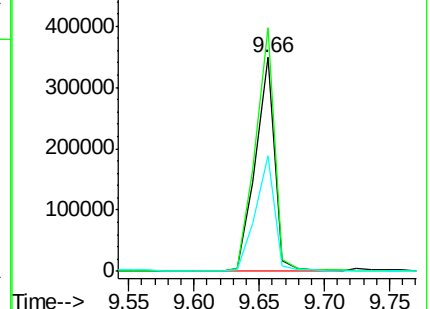
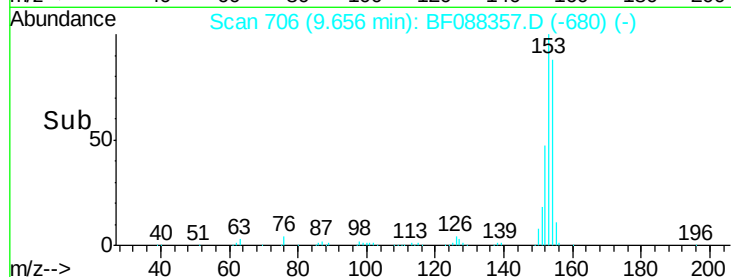
152 54.1 42.7 64.1



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: 39.07 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

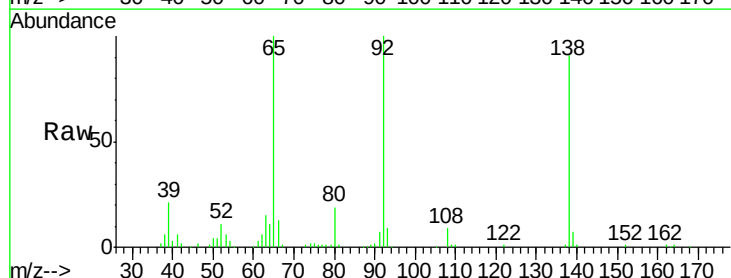
Tgt Ion:138 Resp: 112779

Ion Ratio Lower Upper

138 100

108 10.3 8.5 12.7

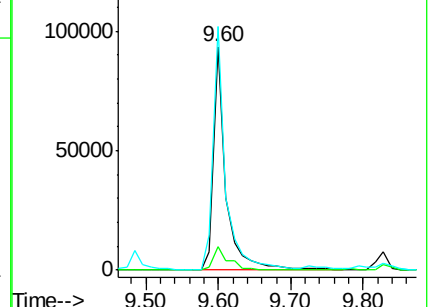
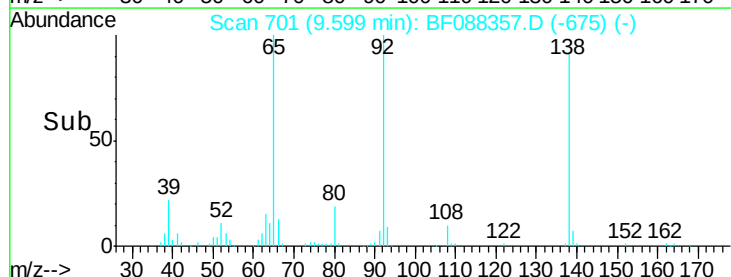
92 108.9 95.7 143.5

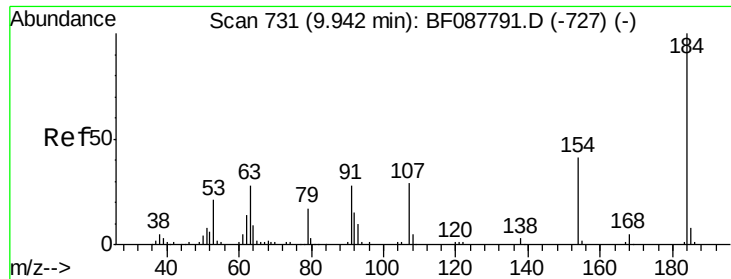


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

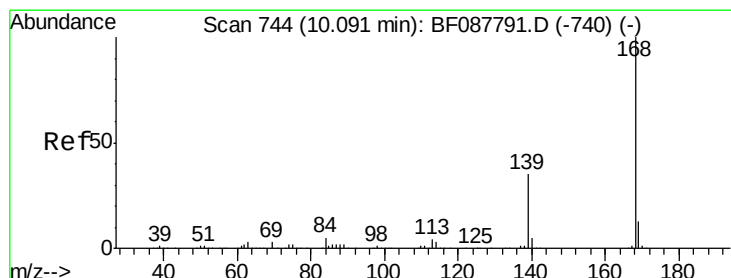
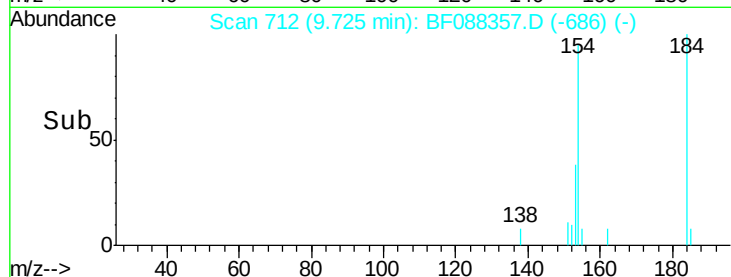
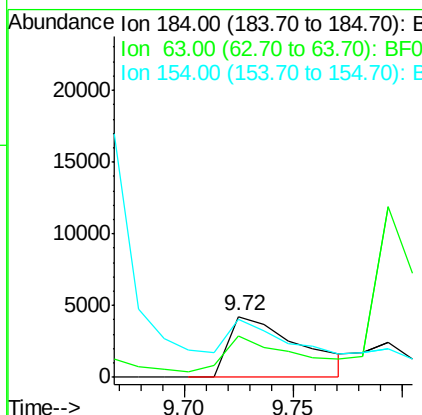
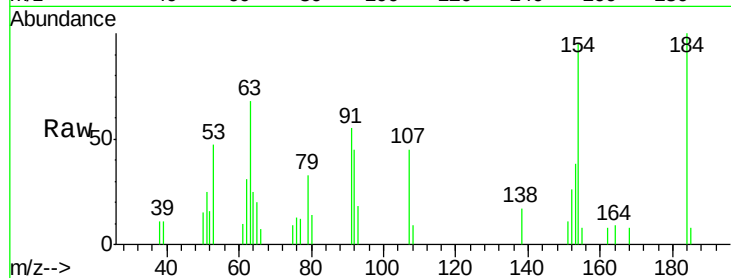




#53
 2,4-Dinitrophenol
 Concen: 11.42 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: BF088357.D
 Acq: 25 Jun 2016 4:22

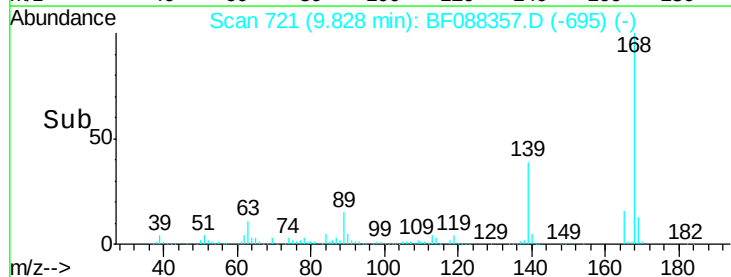
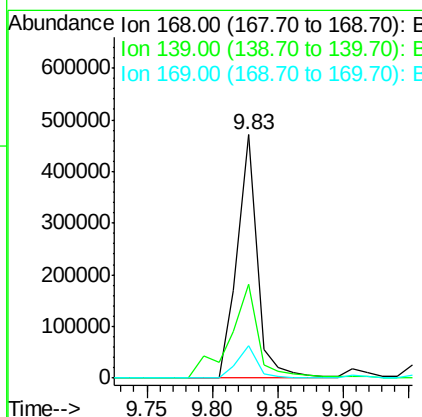
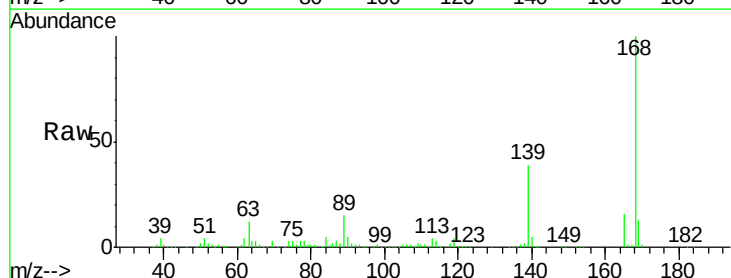
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

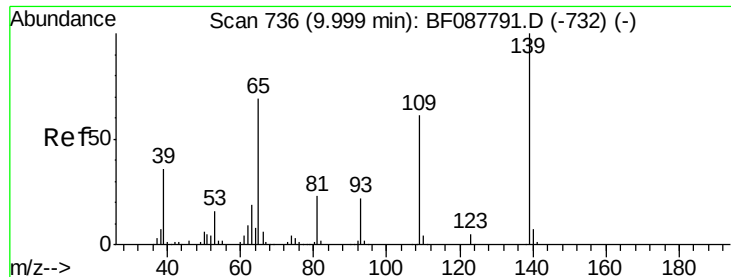
Tgt Ion:184 Resp: 9622
 Ion Ratio Lower Upper
 184 100
 63 67.8 57.6 86.4
 154 95.0 53.5 80.3#



#54
 Dibenzofuran
 Concen: 38.28 ng
 RT: 9.83 min Scan# 721
 Delta R.T. -0.00 min
 Lab File: BF088357.D
 Acq: 25 Jun 2016 4:22

Tgt Ion:168 Resp: 510446
 Ion Ratio Lower Upper
 168 100
 139 38.7 26.4 39.6
 169 13.3 10.4 15.6





#55

4-Nitrophenol

Concen: 129.74 ng

RT: 9.83 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

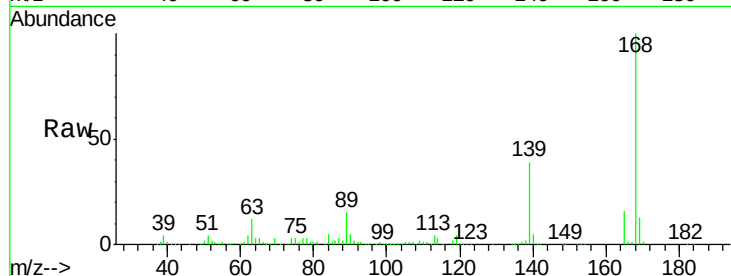
Tgt Ion:139 Resp: 290667

Ion Ratio Lower Upper

139 100

109 4.3 48.9 88.9#

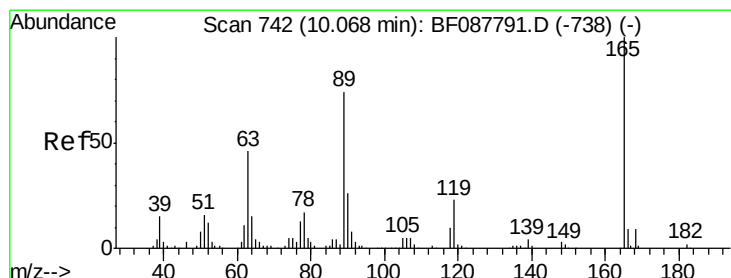
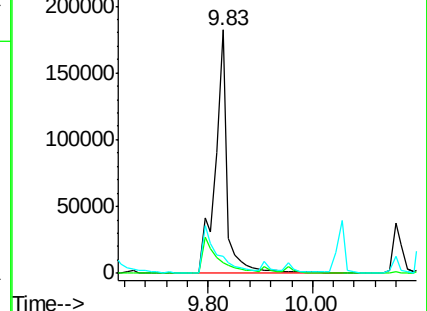
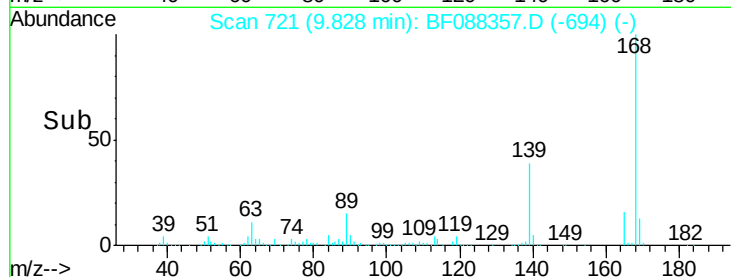
65 7.1 84.9 124.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 35.12 ng

RT: 9.83 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

Tgt Ion:165 Resp: 112909

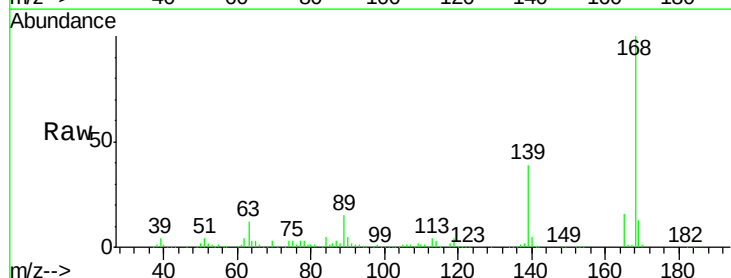
Ion Ratio Lower Upper

165 100

63 74.6 22.0 33.0#

89 97.2 41.1 61.7#

182 2.1 2.0 3.0

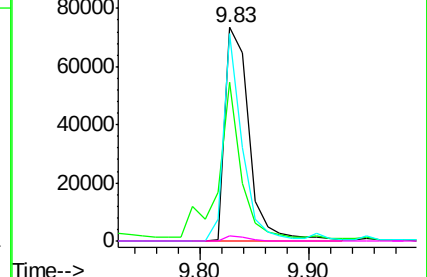
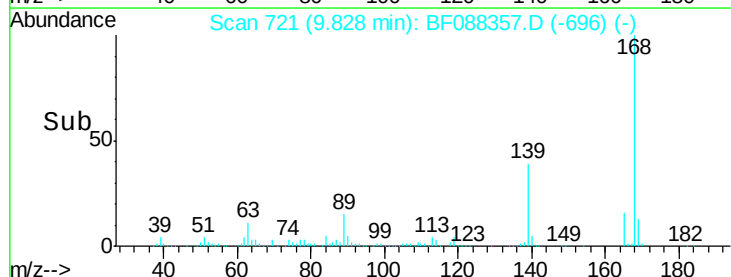


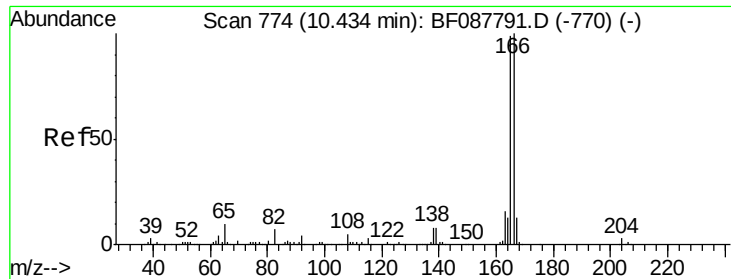
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

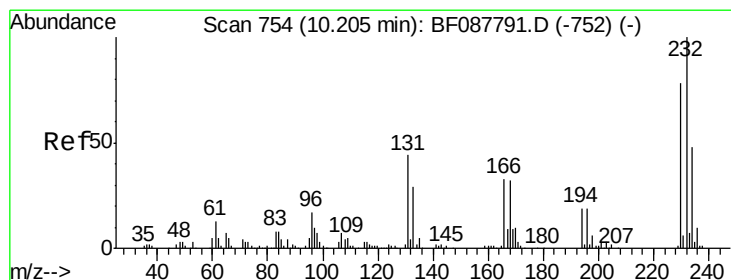
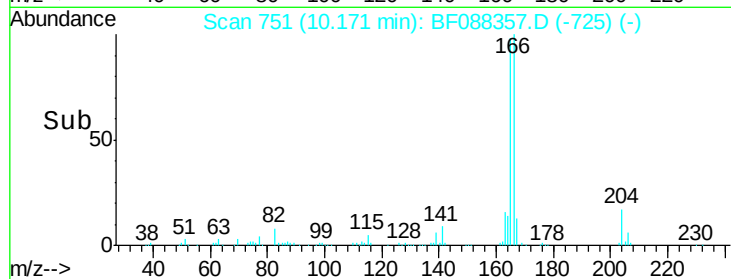
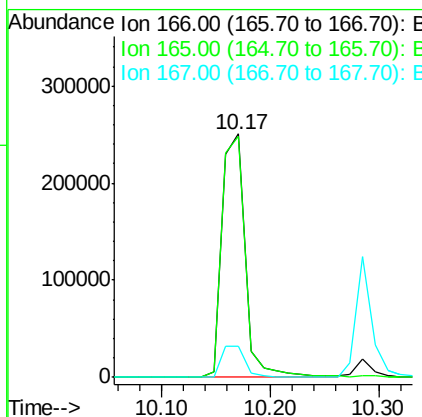
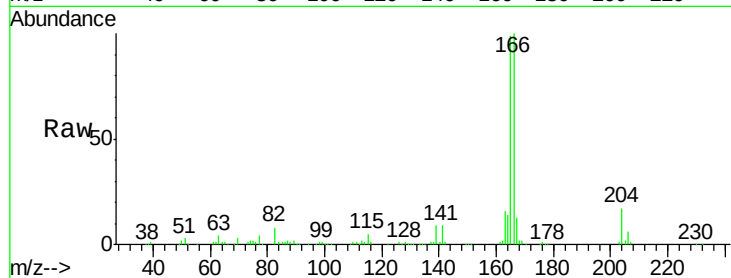




#57
 Fluorene
 Concen: 40.74 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF088357.D
 Acq: 25 Jun 2016 4:22

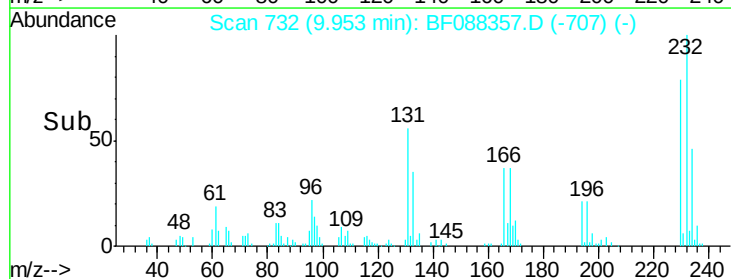
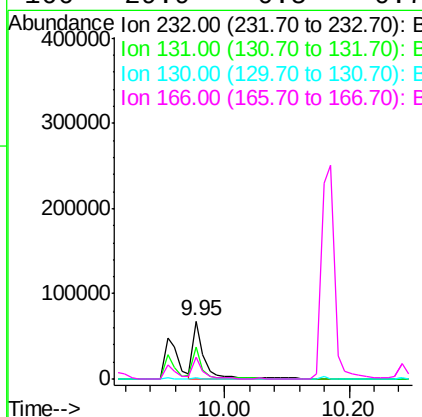
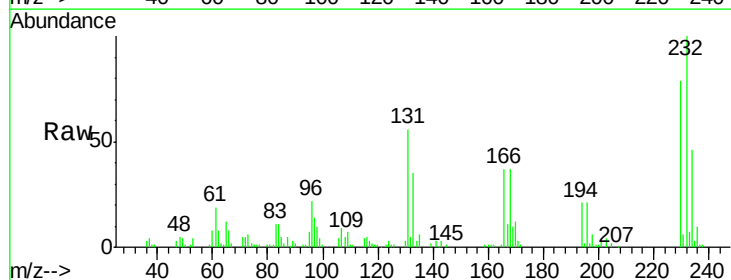
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

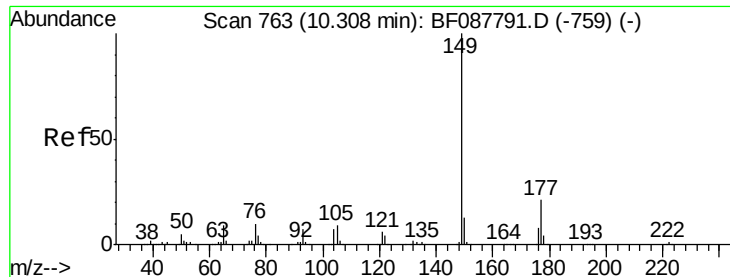
Tgt Ion:166 Resp: 371219
 Ion Ratio Lower Upper
 166 100
 165 99.1 77.8 116.8
 167 12.9 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.55 ng
 RT: 9.95 min Scan# 732
 Delta R.T. -0.01 min
 Lab File: BF088357.D
 Acq: 25 Jun 2016 4:22

Tgt Ion:232 Resp: 85191
 Ion Ratio Lower Upper
 232 100
 131 50.2 0.9 1.3#
 130 2.1 1.5 2.3
 166 29.9 0.5 0.7#

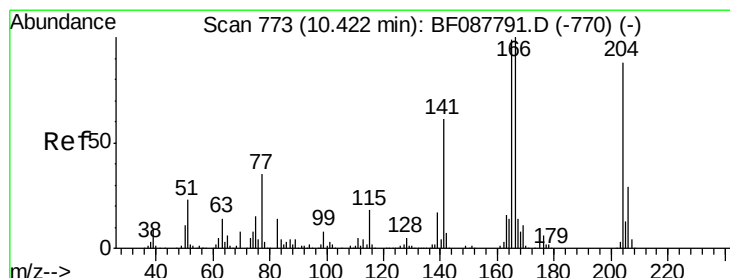
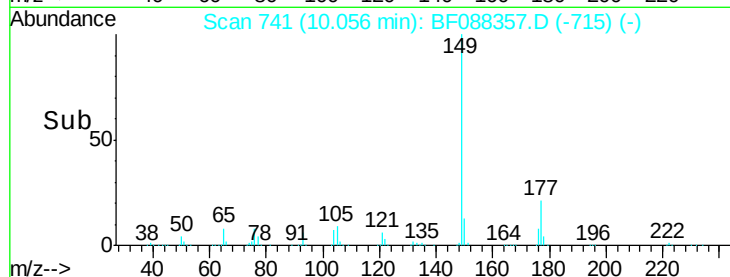
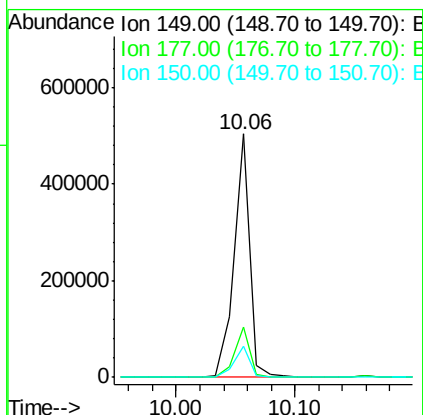
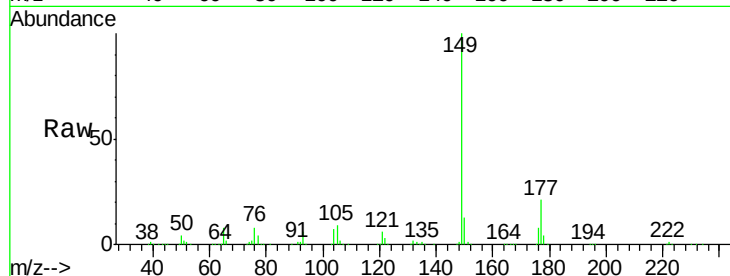




#59
Diethylphthalate
Concen: 41.77 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF088357.D
Acq: 25 Jun 2016 4:22

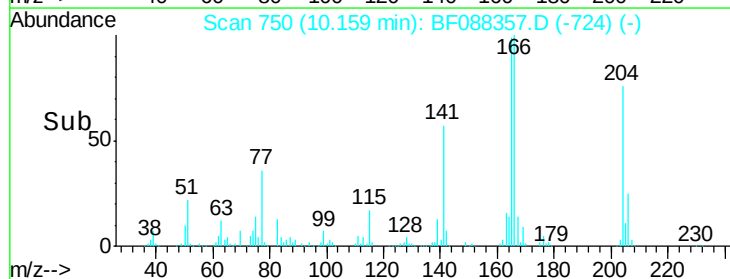
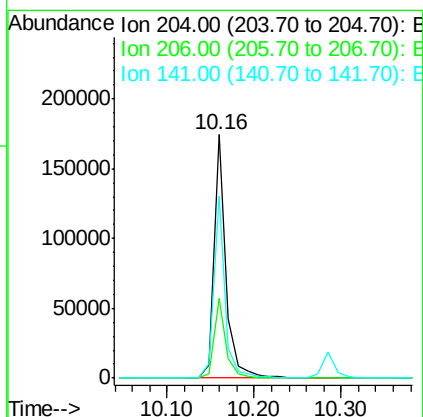
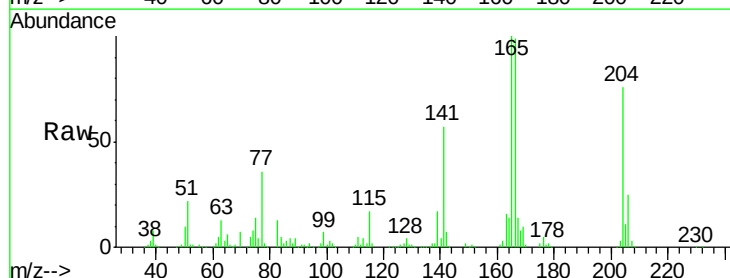
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

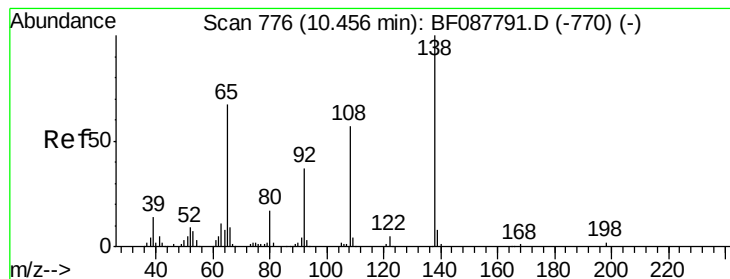
Tgt Ion:149 Resp: 461854
Ion Ratio Lower Upper
149 100
177 20.9 16.9 25.3
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 37.98 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF088357.D
Acq: 25 Jun 2016 4:22

Tgt Ion:204 Resp: 168396
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 75.0 55.0 82.6





#61

4-Nitroaniline

Concen: 36.49 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

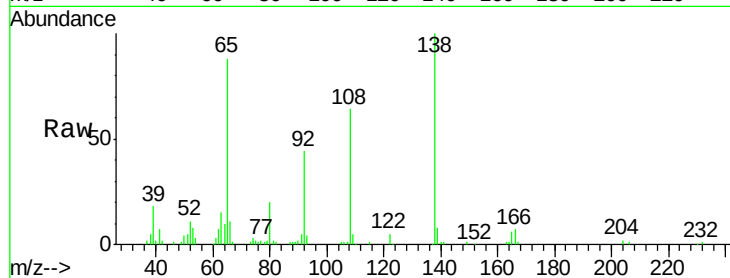
Tgt Ion:138 Resp: 99906

Ion Ratio Lower Upper

138 100

92 43.6 27.3 67.3

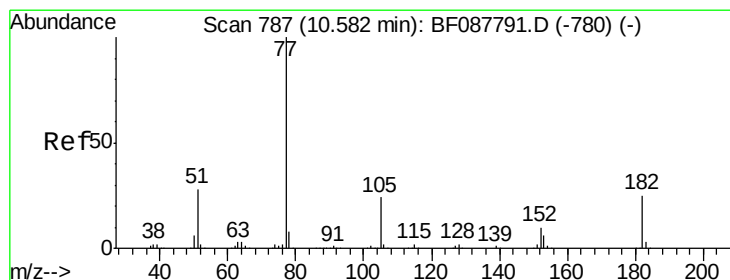
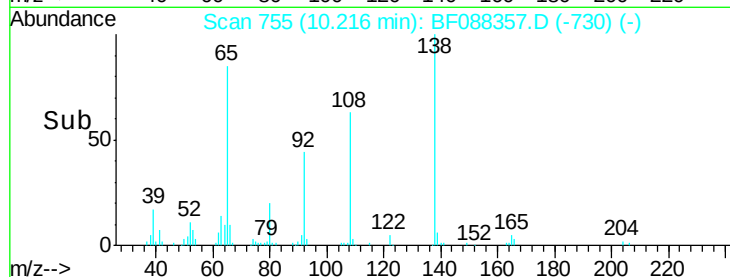
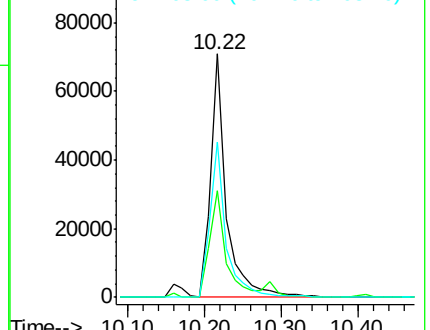
108 63.7 46.7 86.7



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: 37.61 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

Tgt Ion: 77 Resp: 411218

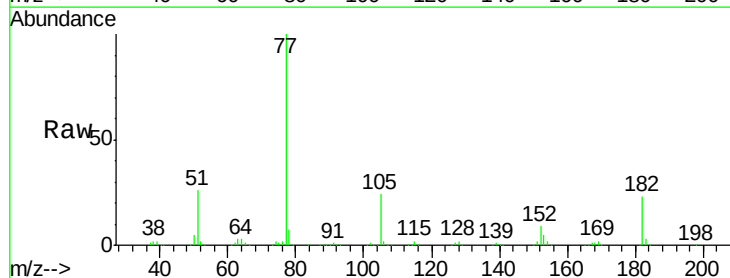
Ion Ratio Lower Upper

77 100

182 23.4 4.4 44.4

105 23.8 3.8 43.8

51 25.6 9.3 49.3

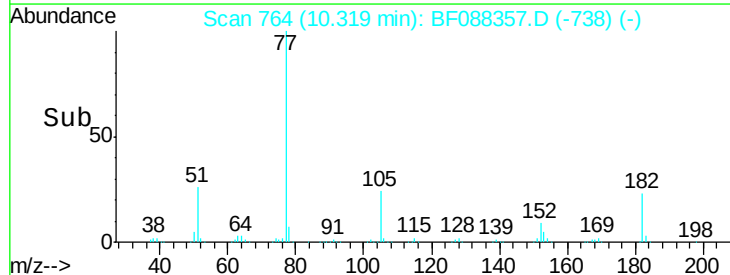
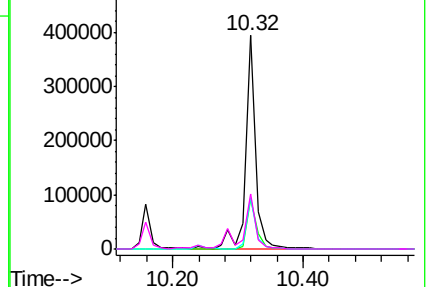


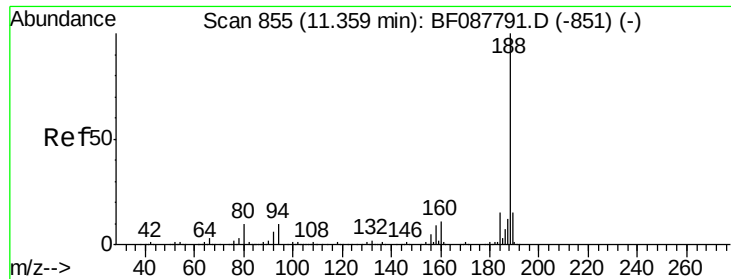
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

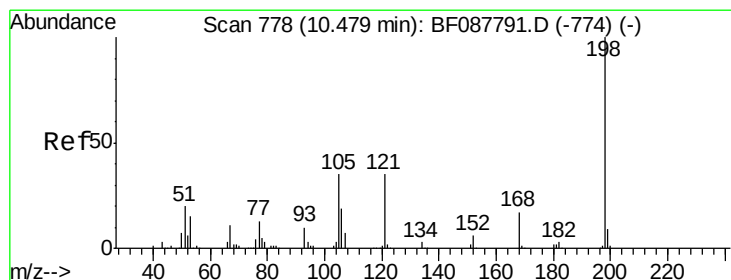
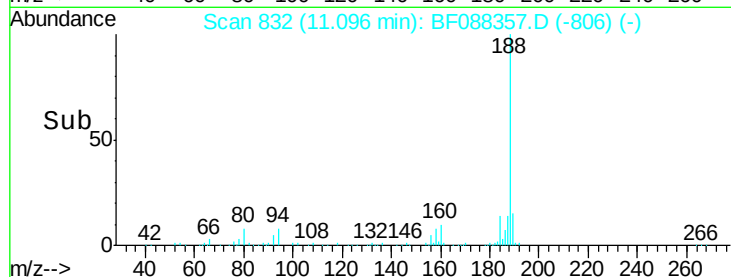
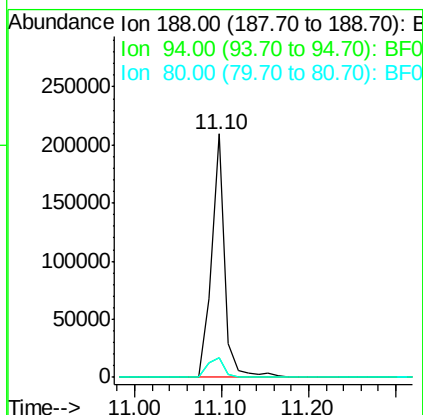
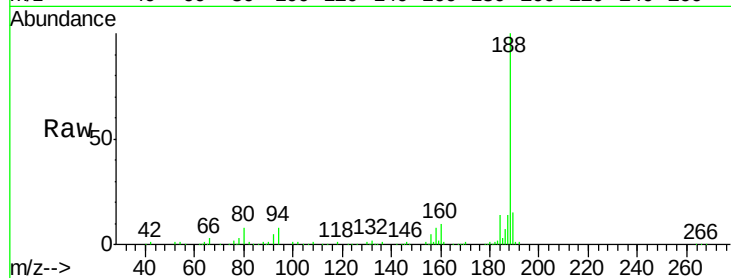




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF088357.D
Acq: 25 Jun 2016 4:22

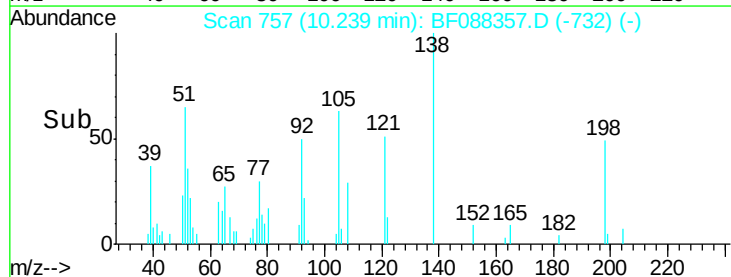
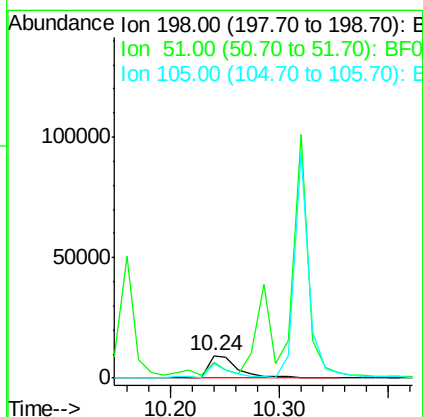
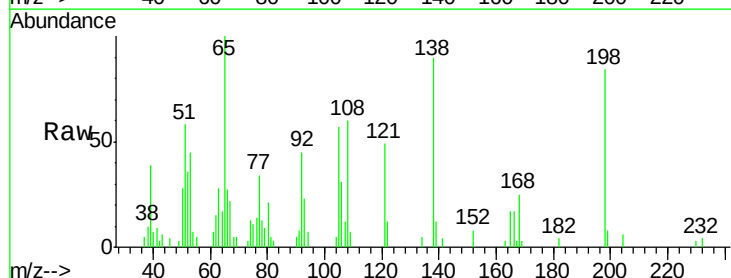
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

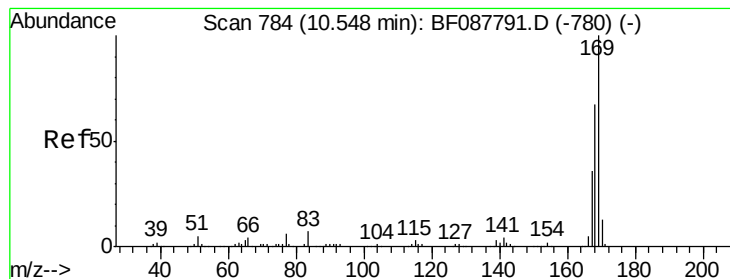
Tgt Ion:188 Resp: 224351
Ion Ratio Lower Upper
188 100
94 8.1 9.0 13.6#
80 8.1 10.0 15.0#



#64
4,6-Dinitro-2-methylphenol
Concen: 13.99 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF088357.D
Acq: 25 Jun 2016 4:22

Tgt Ion:198 Resp: 17354
Ion Ratio Lower Upper
198 100
51 69.4 39.6 79.6
105 67.6 36.6 76.6





#65

n-Nitrosodiphenylamine

Concen: 46.67 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

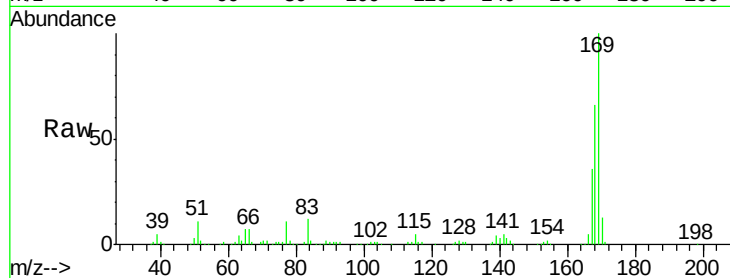
Tgt Ion:169 Resp: 347461

Ion Ratio Lower Upper

169 100

168 66.4 53.4 80.0

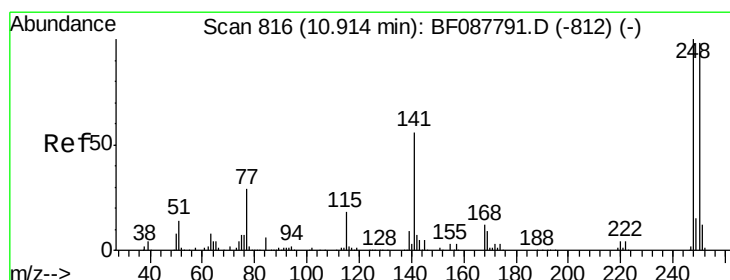
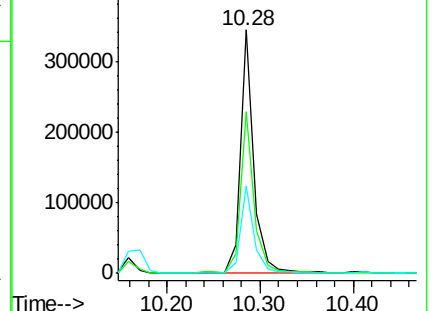
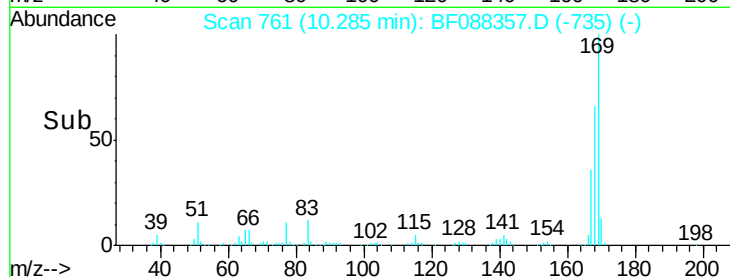
167 36.1 29.4 44.0



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: 43.78 ng

RT: 10.65 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

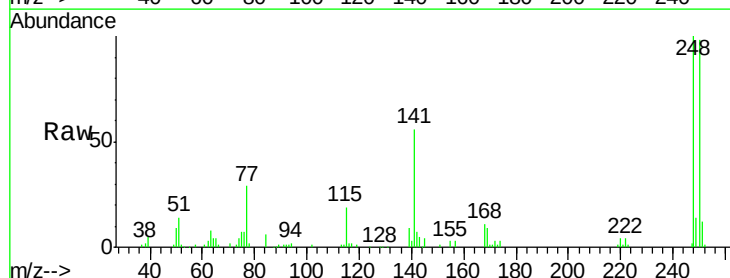
Tgt Ion:248 Resp: 105373

Ion Ratio Lower Upper

248 100

250 97.9 77.1 115.7

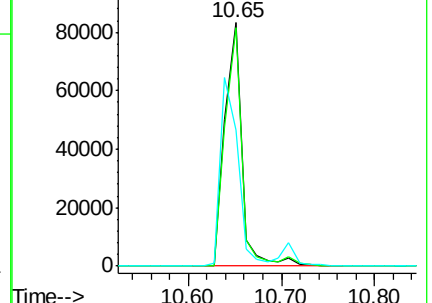
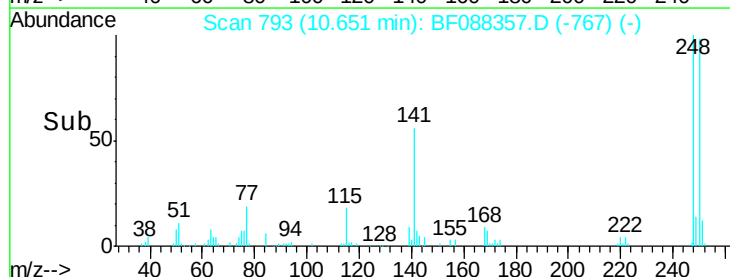
141 55.9 50.6 76.0

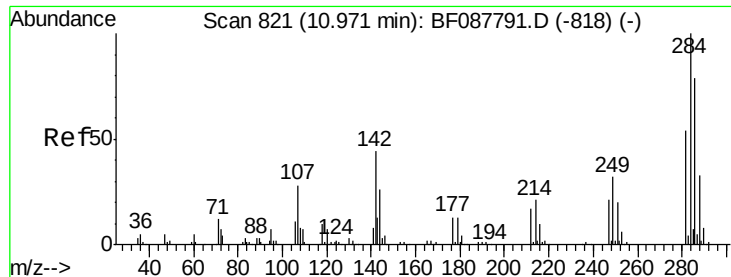


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

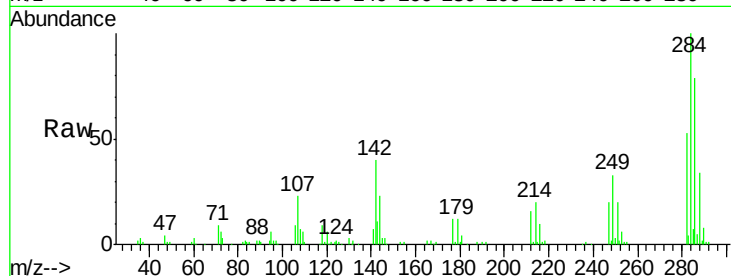




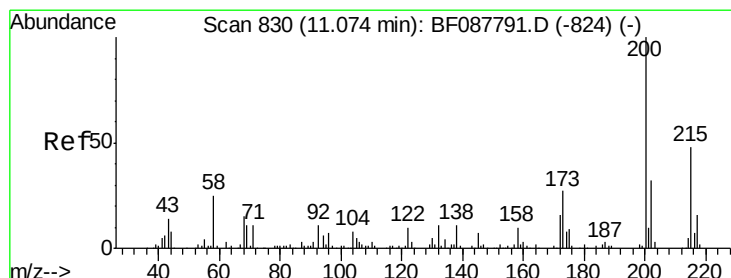
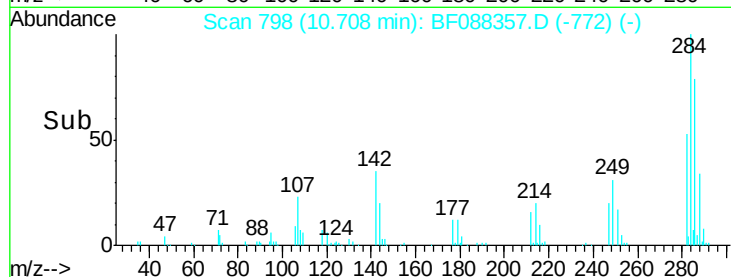
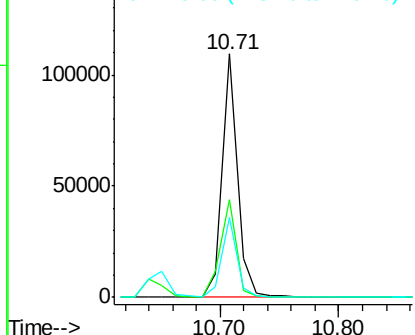
#67
Hexachlorobenzene
Concen: 38.98 ng
RT: 10.71 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF088357.D
Acq: 25 Jun 2016 4:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:284 Resp: 97492
Ion Ratio Lower Upper
284 100
142 39.9 35.8 53.8
249 32.5 25.8 38.6

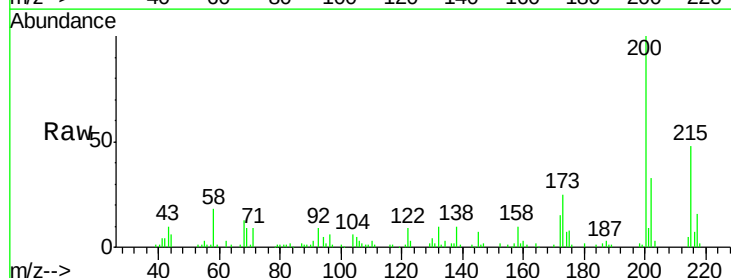


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

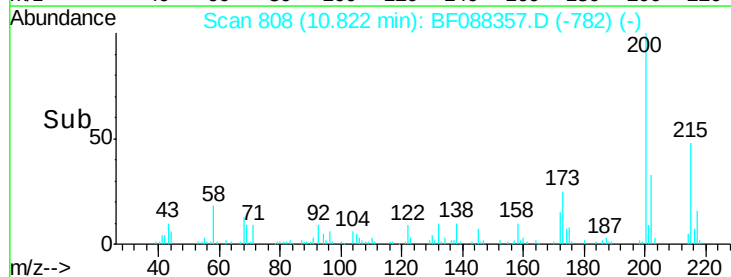
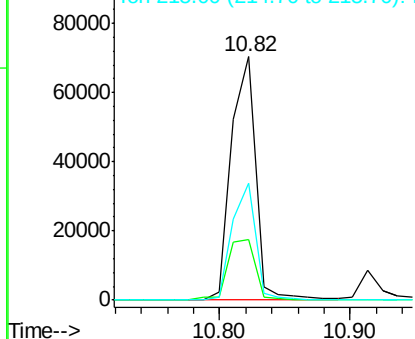


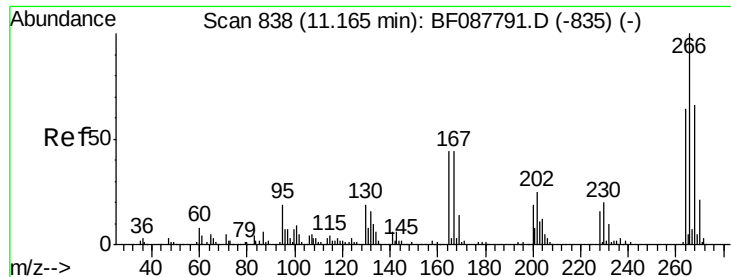
#68
Atrazine
Concen: 40.39 ng
RT: 10.82 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF088357.D
Acq: 25 Jun 2016 4:22

Tgt Ion:200 Resp: 91039
Ion Ratio Lower Upper
200 100
173 24.9 4.0 44.0
215 47.9 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

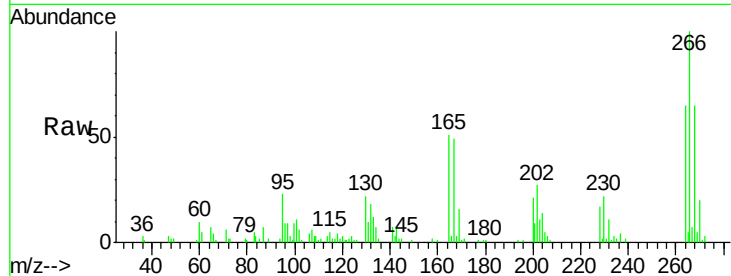




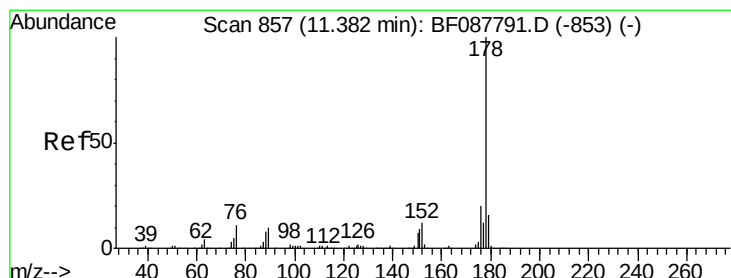
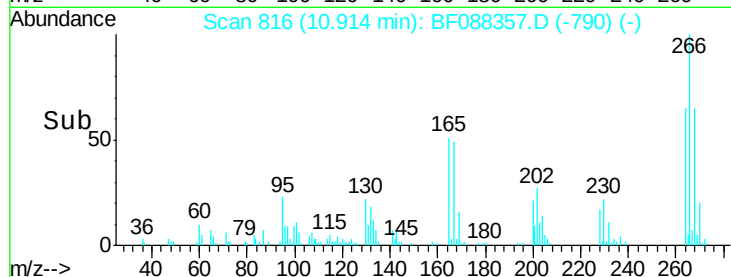
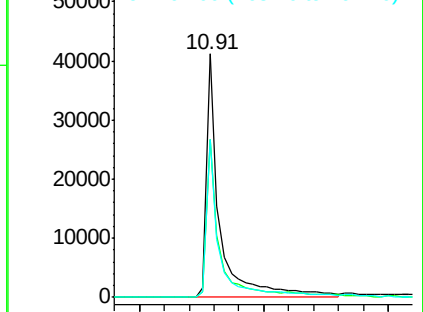
#69
 Pentachlorophenol
 Concen: 46.91 ng
 RT: 10.91 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF088357.D
 Acq: 25 Jun 2016 4:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 266 Resp: 61834
 Ion Ratio Lower Upper
 266 100
 268 64.7 52.8 79.2
 264 65.0 49.6 74.4

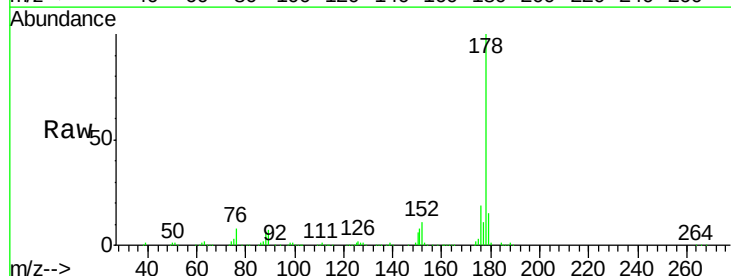


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

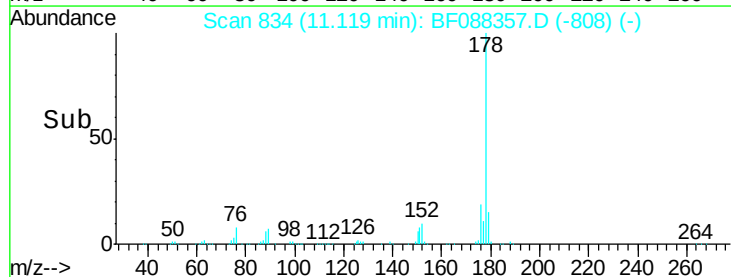
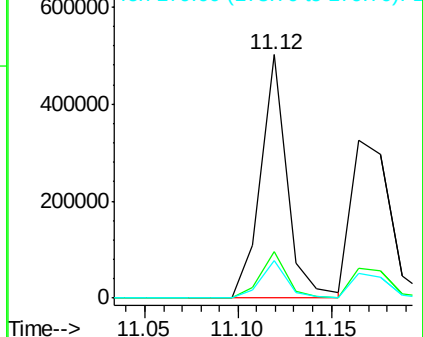


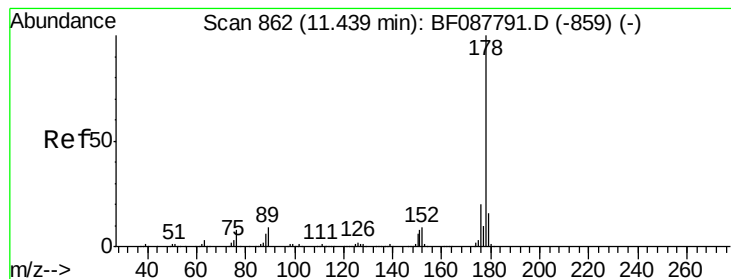
#70
 Phenanthrene
 Concen: 41.87 ng
 RT: 11.12 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF088357.D
 Acq: 25 Jun 2016 4:22

Tgt Ion: 178 Resp: 492864
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.6
 179 15.3 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: 41.37 ng

RT: 11.16 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

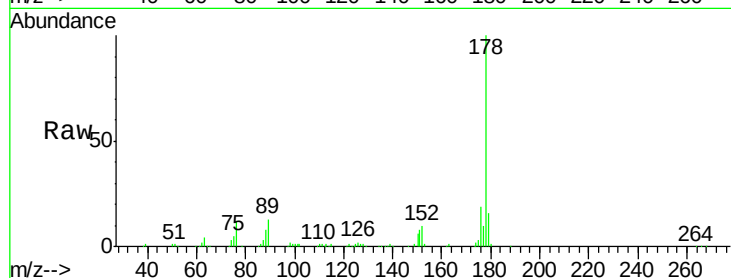
Tgt Ion:178 Resp: 491256

Ion Ratio Lower Upper

178 100

176 18.9 15.6 23.4

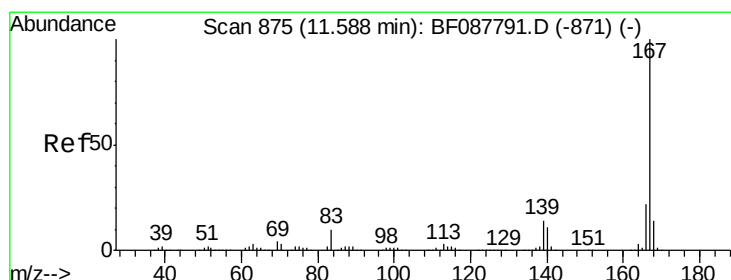
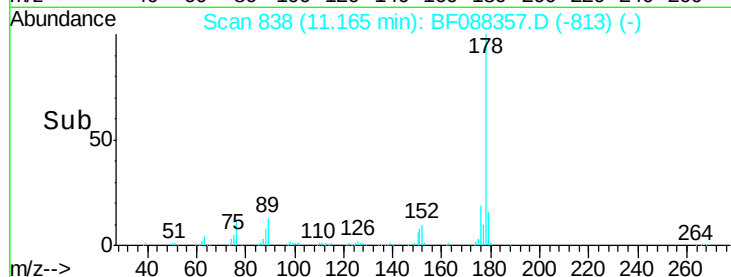
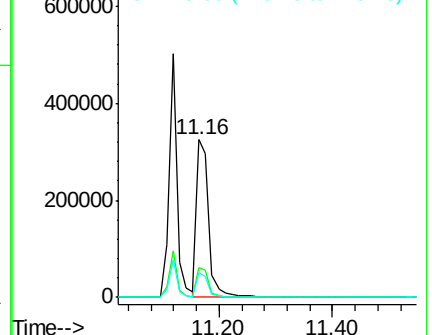
179 15.9 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.45 ng

RT: 11.34 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

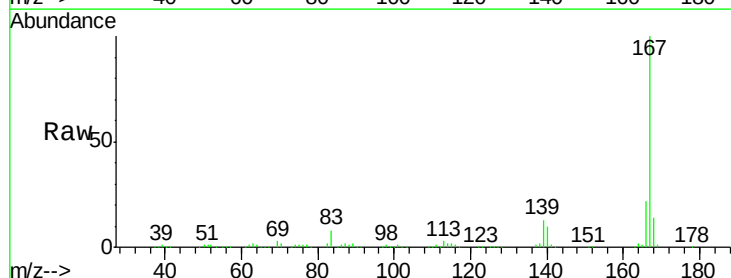
Tgt Ion:167 Resp: 471726

Ion Ratio Lower Upper

167 100

166 21.8 17.8 26.6

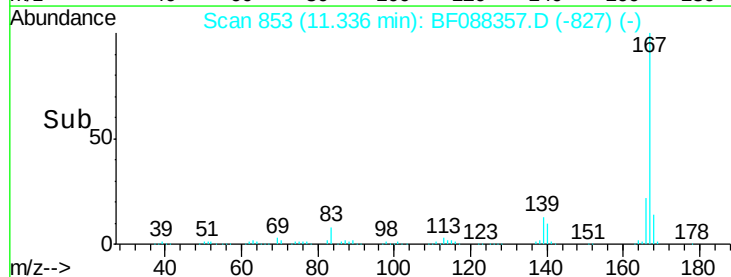
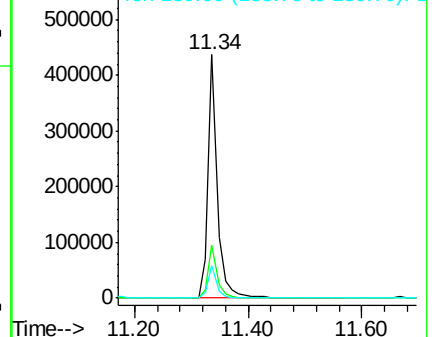
139 13.2 11.2 16.8

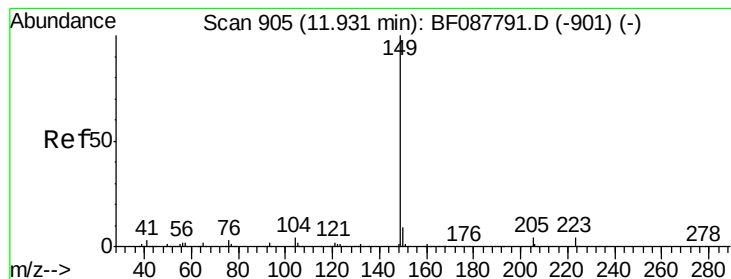


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.45 ng

RT: 11.67 min Scan# 882

Delta R.T. -0.00 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

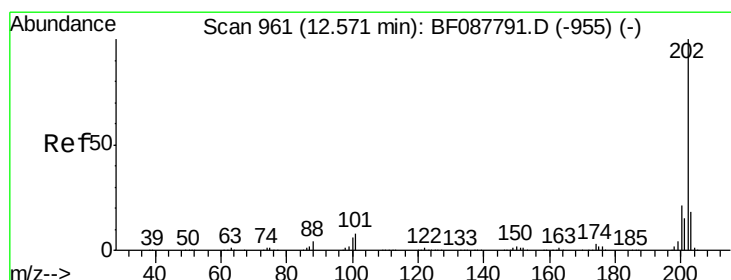
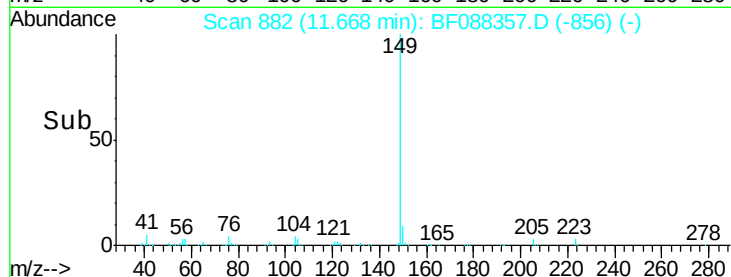
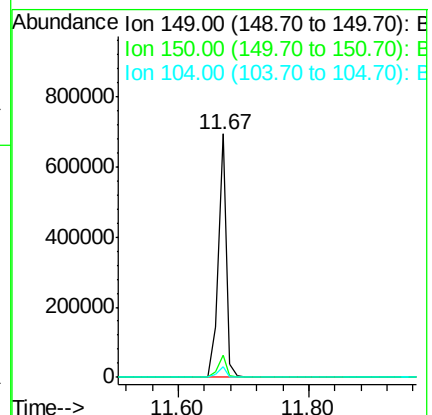
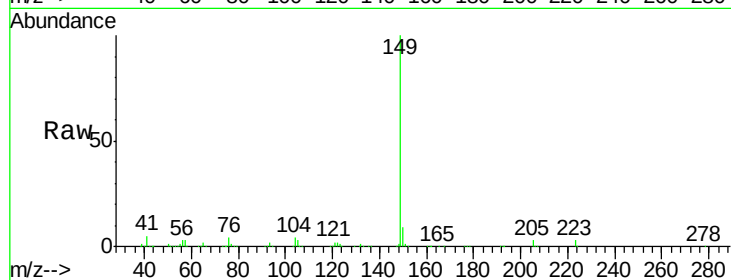
Tgt Ion:149 Resp: 611289

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

104 4.3 4.0 6.0



#74

Fluoranthene

Concen: 37.66 ng

RT: 12.30 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

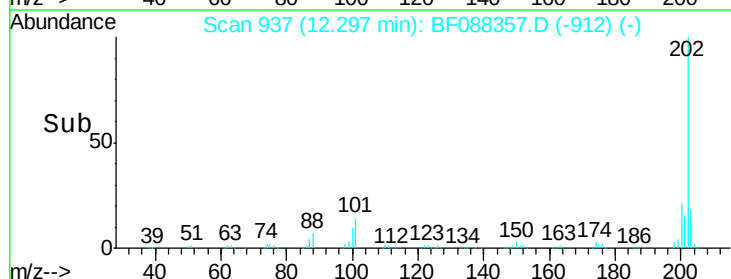
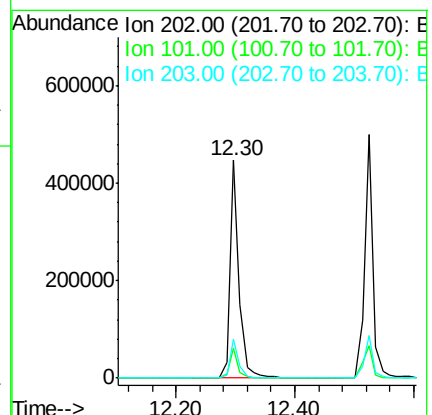
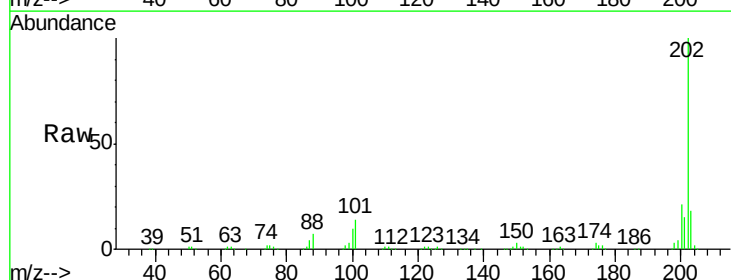
Tgt Ion:202 Resp: 467867

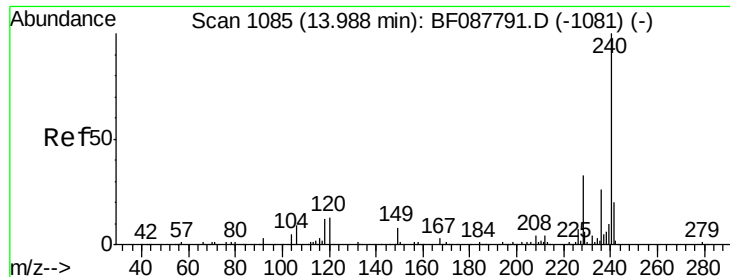
Ion Ratio Lower Upper

202 100

101 14.0 0.0 33.1

203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1062

Delta R.T. -0.00 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

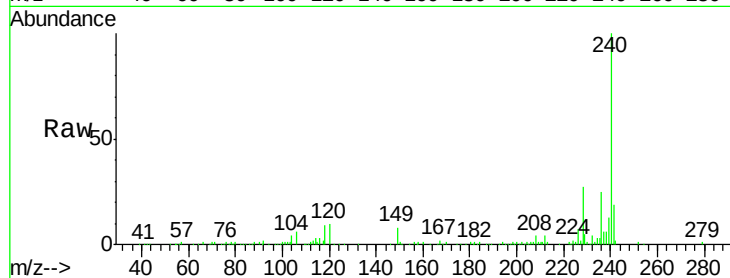
Tgt Ion:240 Resp: 184946

Ion Ratio Lower Upper

240 100

120 10.0 6.8 10.2

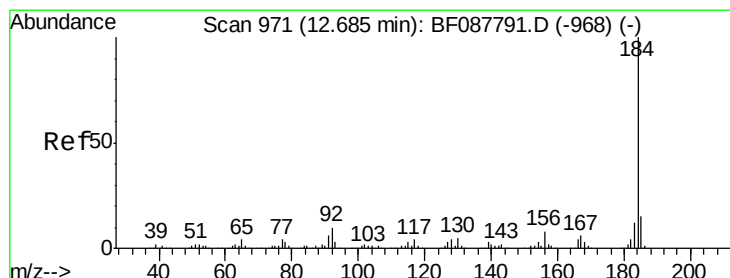
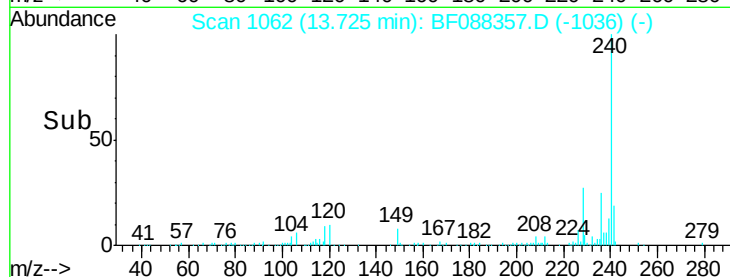
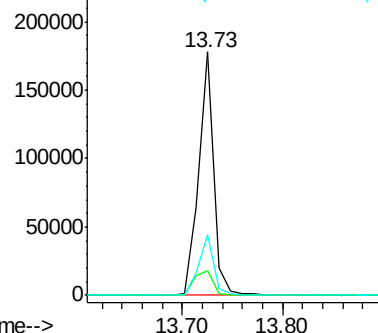
236 24.9 20.2 30.2



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: 44.50 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

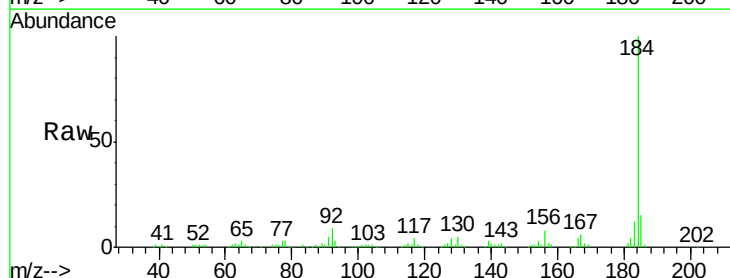
Tgt Ion:184 Resp: 227897

Ion Ratio Lower Upper

184 100

185 14.6 12.5 18.7

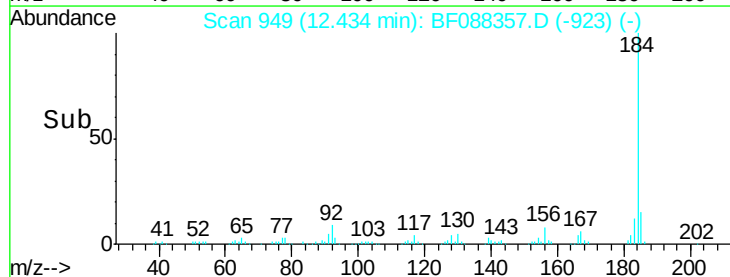
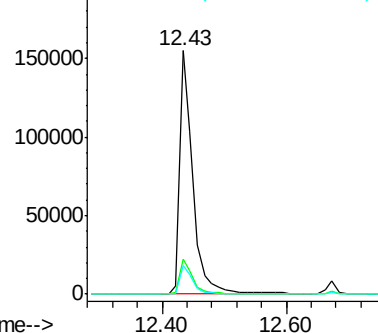
183 11.9 9.3 13.9

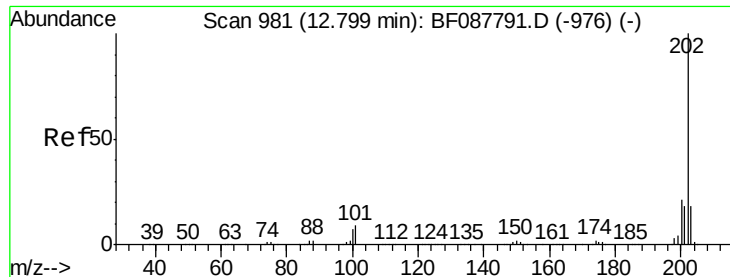


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

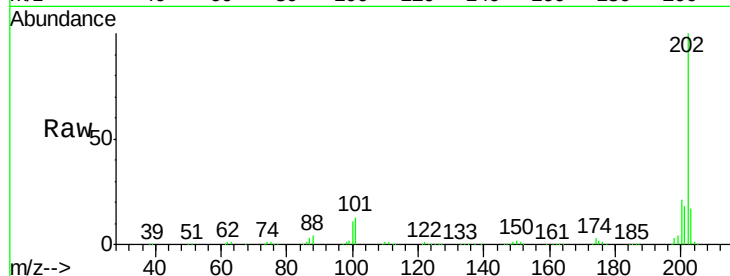




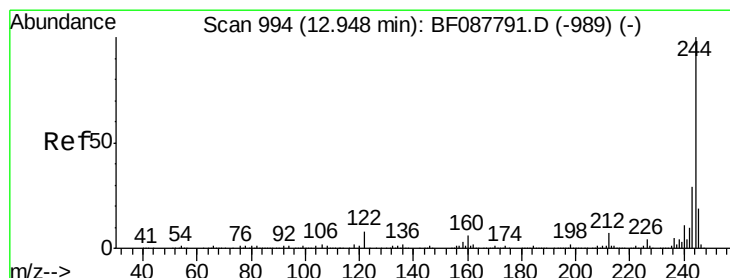
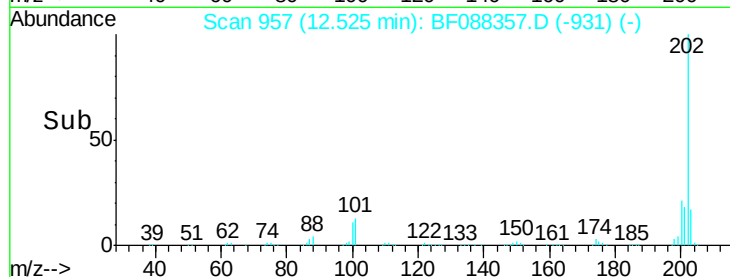
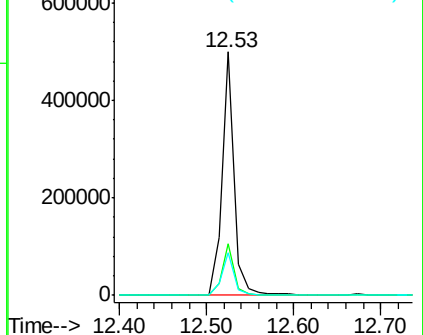
#77
Pyrene
 Concen: 35.77 ng
 RT: 12.53 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: BF088357.D
 Acq: 25 Jun 2016 4:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.4	14.5	21.7

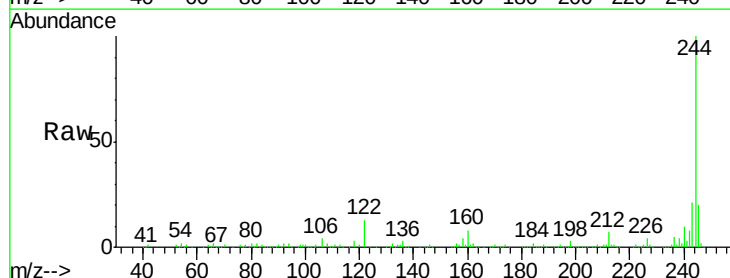


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

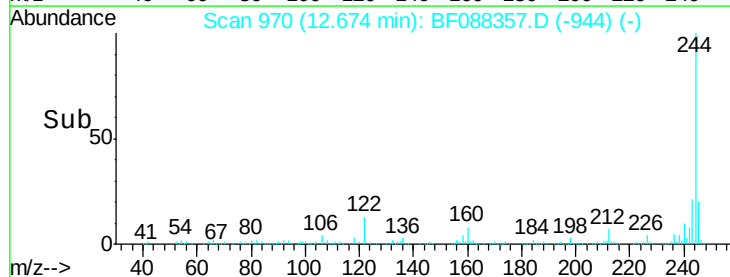
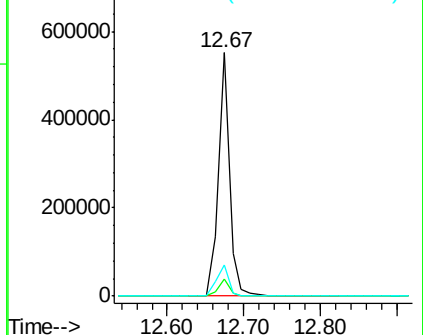


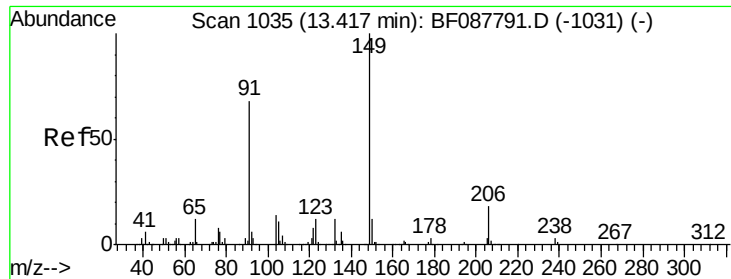
#78
Terphenyl-d14
 Concen: 68.93 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.00 min
 Lab File: BF088357.D
 Acq: 25 Jun 2016 4:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	13.0	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

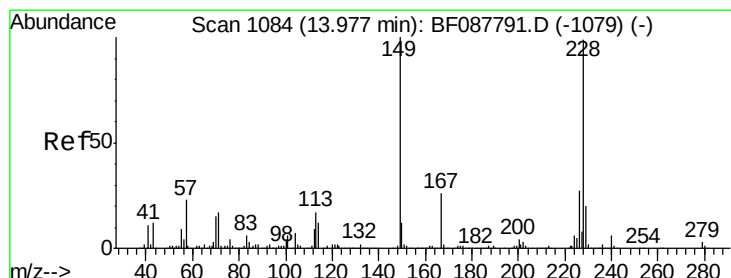
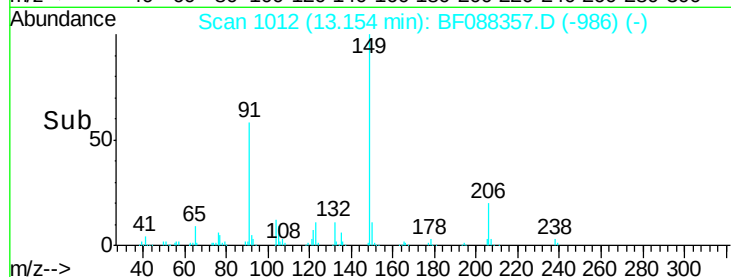
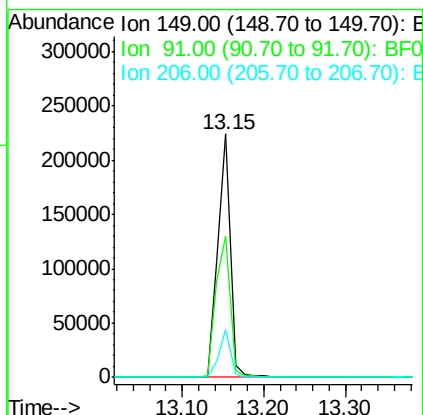
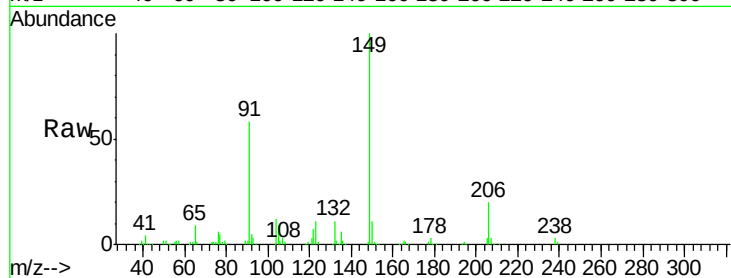




#79
Butylbenzylphthalate
Concen: 39.67 ng
RT: 13.15 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF088357.D
Acq: 25 Jun 2016 4:22

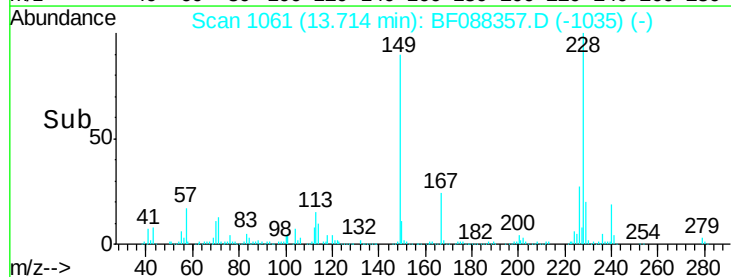
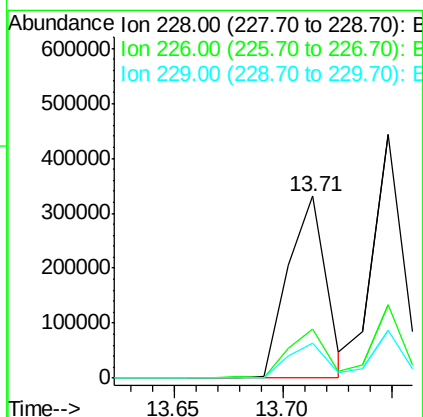
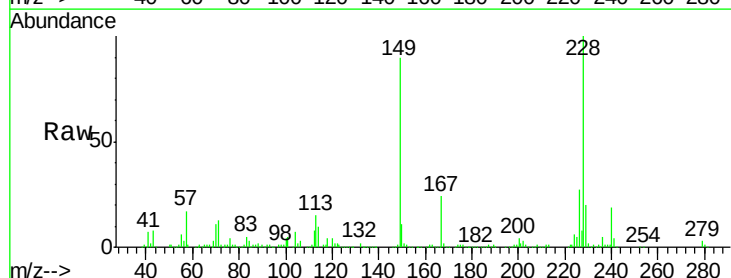
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

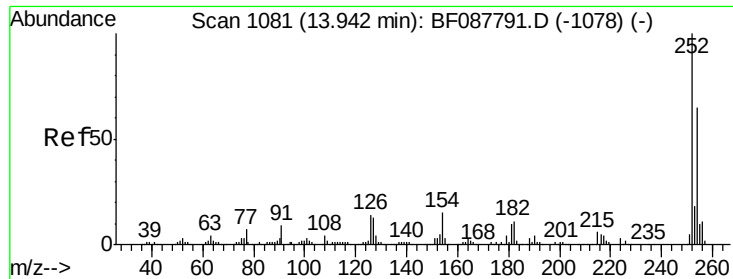
Tgt Ion	Ratio	Lower	Upper
149	100		
91	57.8	48.0	72.0
206	19.8	16.0	24.0



#80
Benzo(a)anthracene
Concen: 38.24 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF088357.D
Acq: 25 Jun 2016 4:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.3	33.5
229	19.6	16.0	24.0

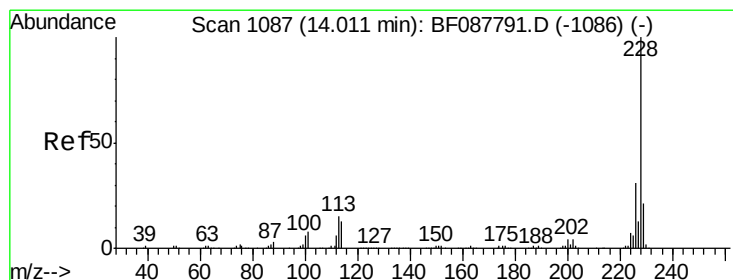
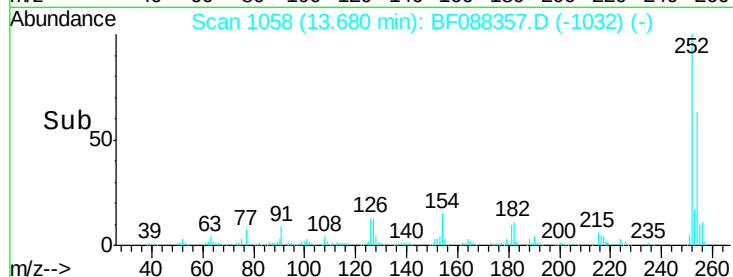
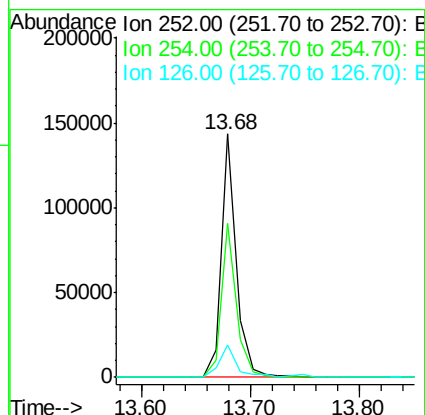
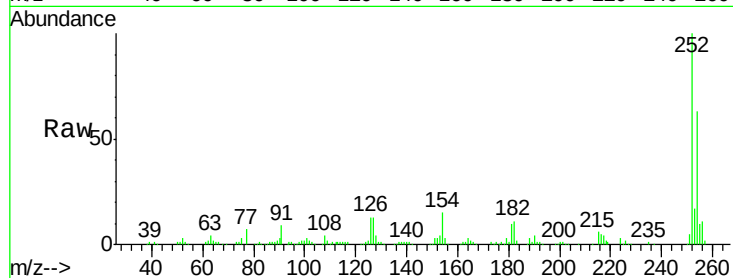




#81
 3,3'-Dichlorobenzidine
 Concen: 48.92 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BF088357.D
 Acq: 25 Jun 2016 4:22

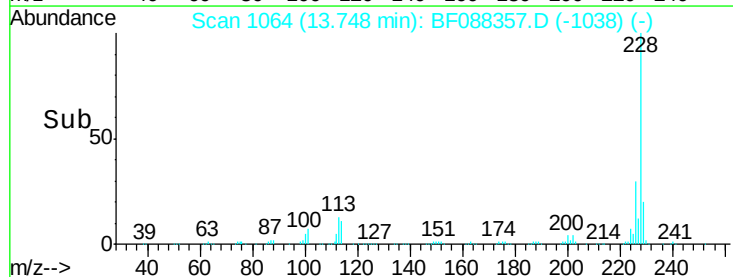
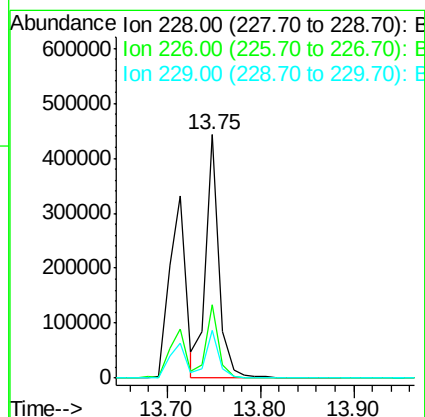
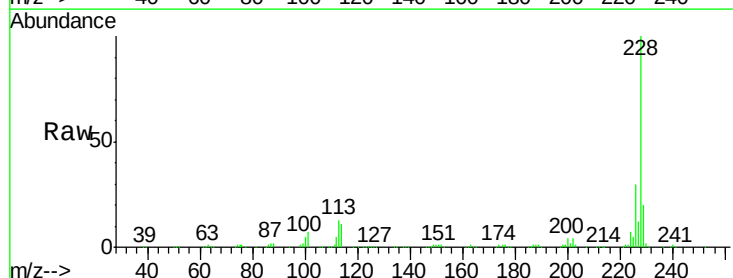
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

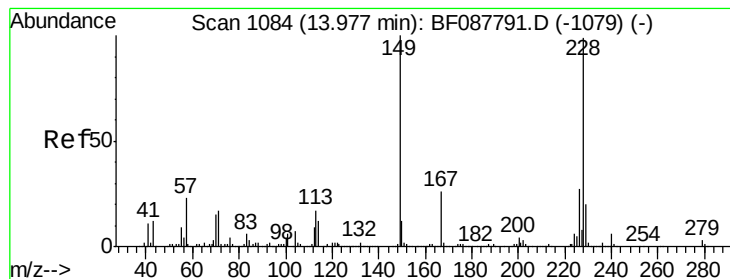
Tgt Ion: 252 Resp: 138637
 Ion Ratio Lower Upper
 252 100
 254 63.0 52.6 78.8
 126 13.5 6.2 9.2#



#82
 Chrysene
 Concen: 44.59 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.00 min
 Lab File: BF088357.D
 Acq: 25 Jun 2016 4:22

Tgt Ion: 228 Resp: 442173
 Ion Ratio Lower Upper
 228 100
 226 29.9 25.4 38.2
 229 19.5 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.99 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

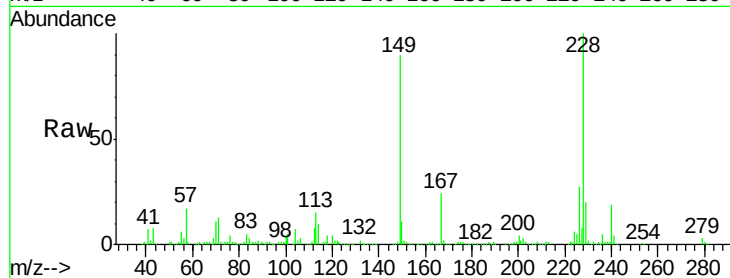
Tgt Ion:149 Resp: 302734

Ion Ratio Lower Upper

149 100

167 26.1 20.5 30.7

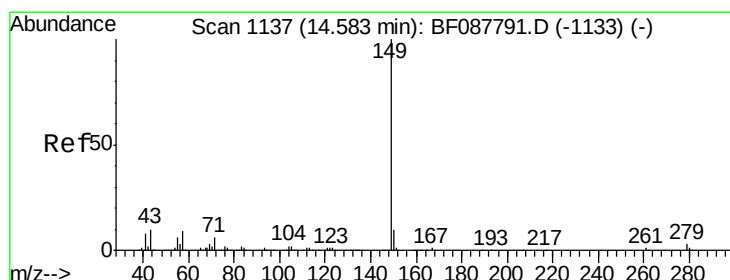
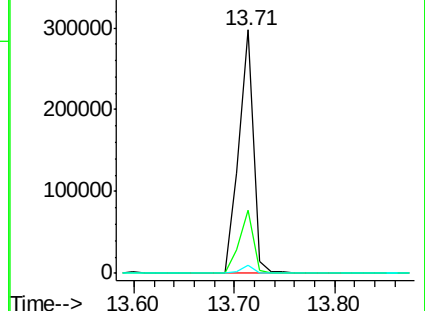
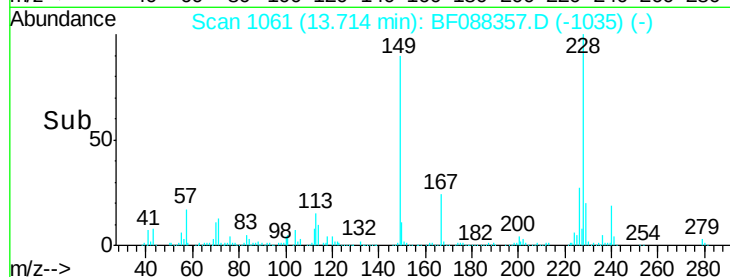
279 3.3 2.0 3.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.00 ng

RT: 14.32 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

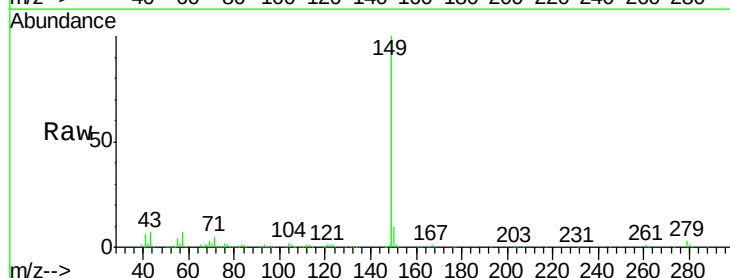
Tgt Ion:149 Resp: 576048

Ion Ratio Lower Upper

149 100

167 1.4 0.0 0.0#

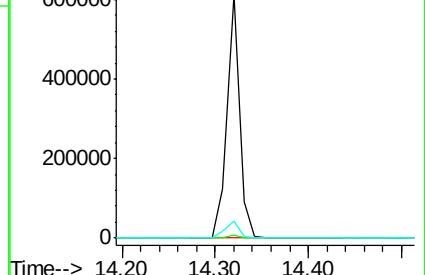
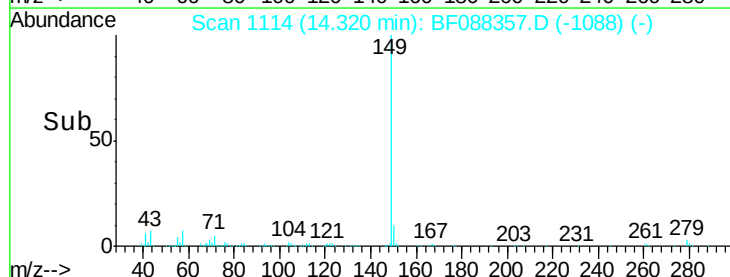
43 7.9 0.0 0.0#

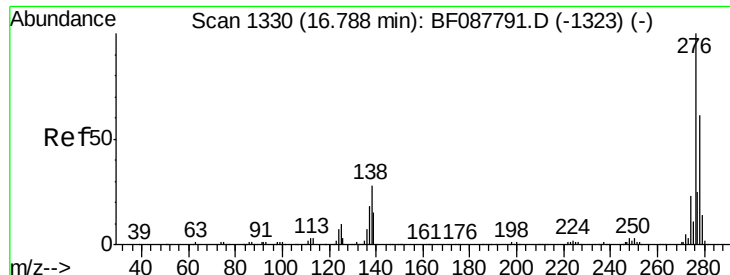


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

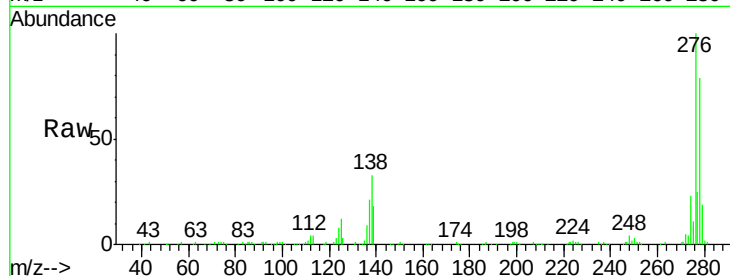




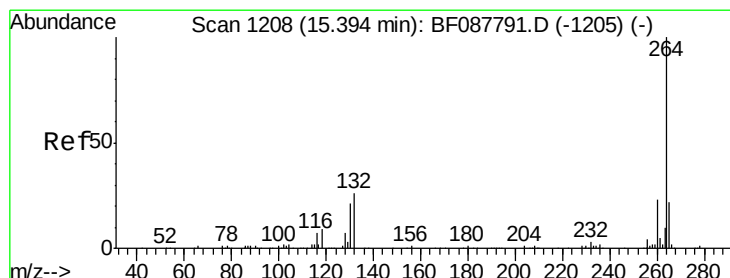
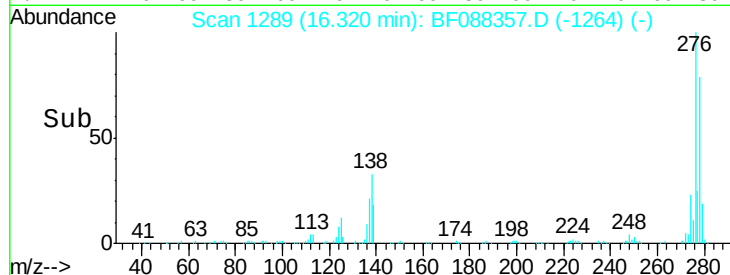
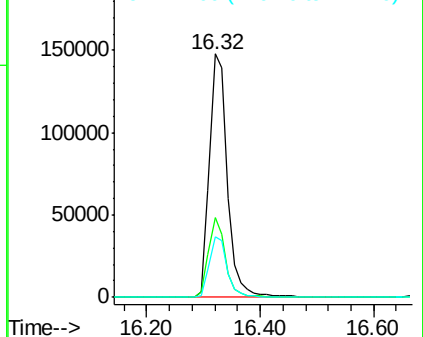
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.35 ng
 RT: 16.32 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BF088357.D
 Acq: 25 Jun 2016 4:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.6	0.0	0.0#
277	24.9	0.0	0.0#

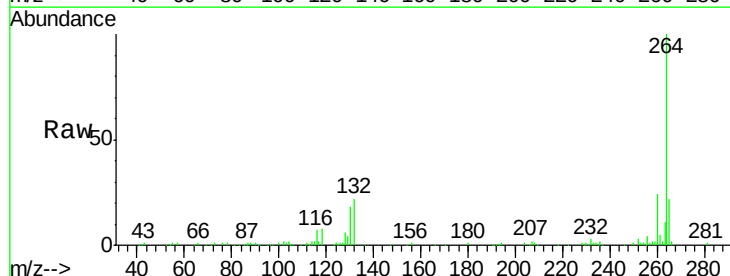


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

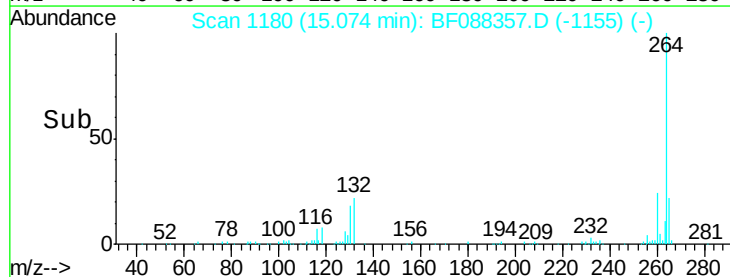
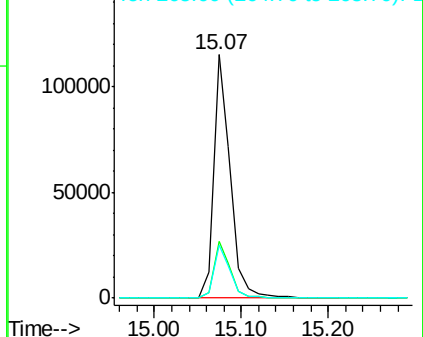


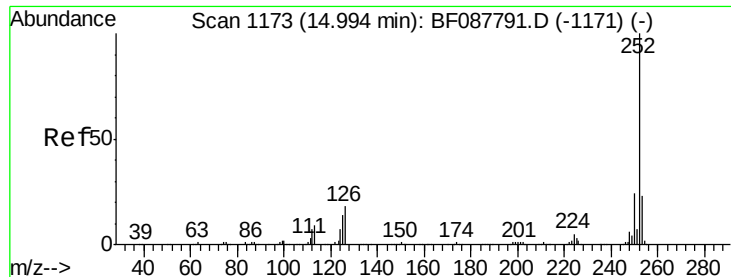
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF088357.D
 Acq: 25 Jun 2016 4:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.7	16.9	25.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

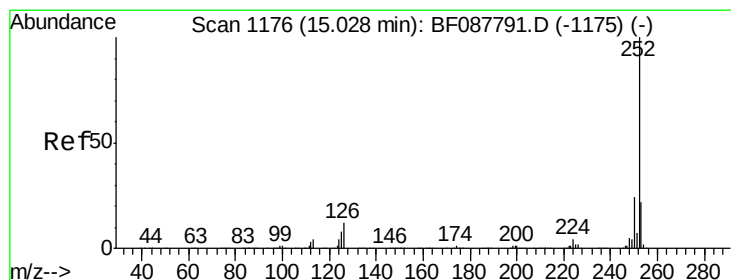
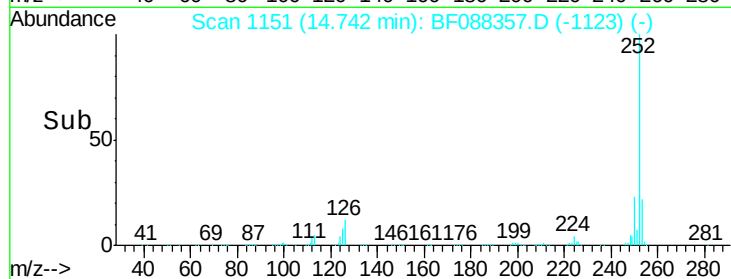
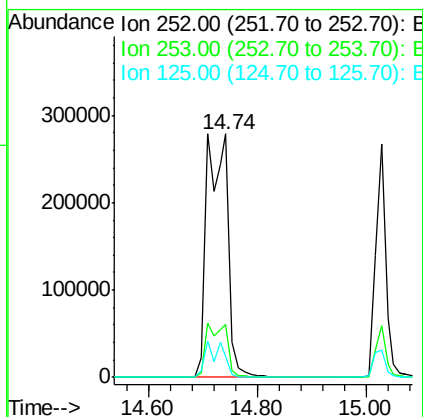
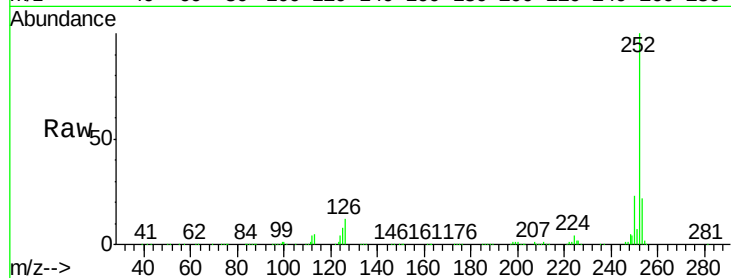




#87
Benzo(b)fluoranthene
Concen: 71.11 ng
RT: 14.74 min Scan# 1151
Delta R.T. 0.02 min
Lab File: BF088357.D
Acq: 25 Jun 2016 4:22

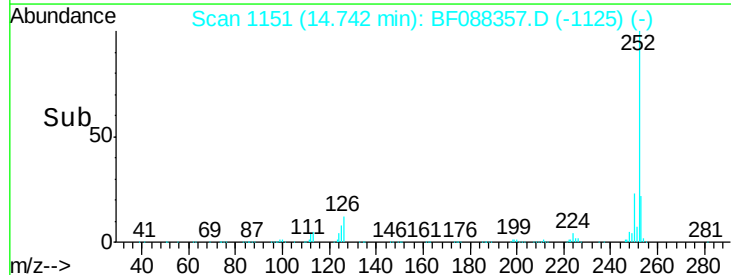
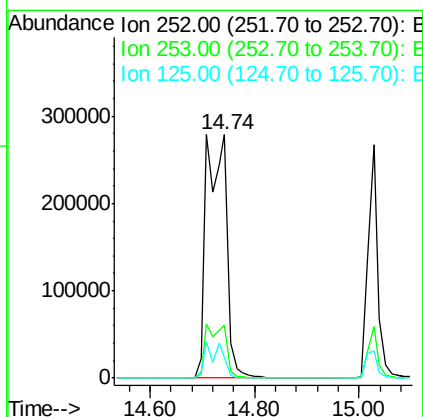
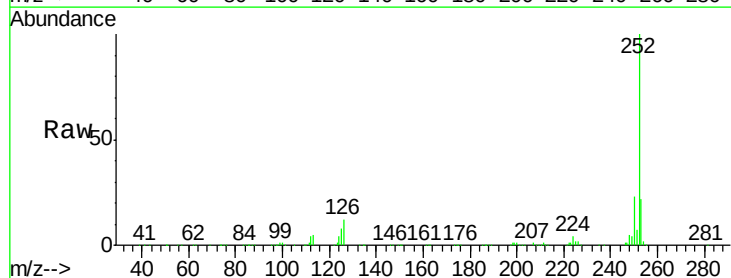
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

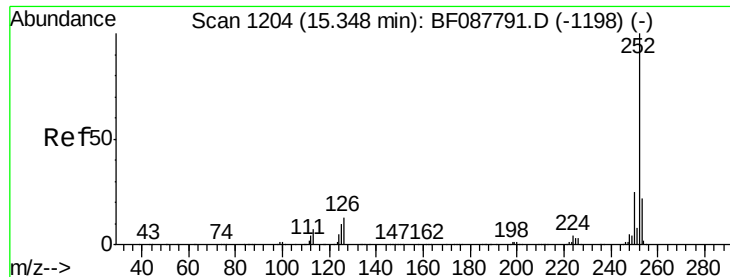
Tgt Ion:252 Resp: 758906
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 8.5 7.1 10.7



#88
Benzo(k)fluoranthene
Concen: 94.26 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF088357.D
Acq: 25 Jun 2016 4:22

Tgt Ion:252 Resp: 758918
Ion Ratio Lower Upper
252 100
253 21.6 18.0 27.0
125 8.5 11.2 16.8#





#89

Benzo(a)pyrene

Concen: 40.36 ng

RT: 15.03 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

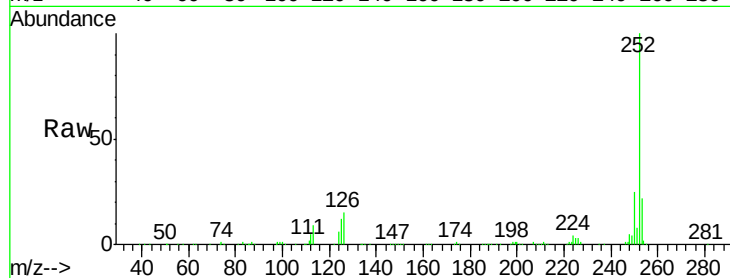
Tgt Ion:252 Resp: 348474

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

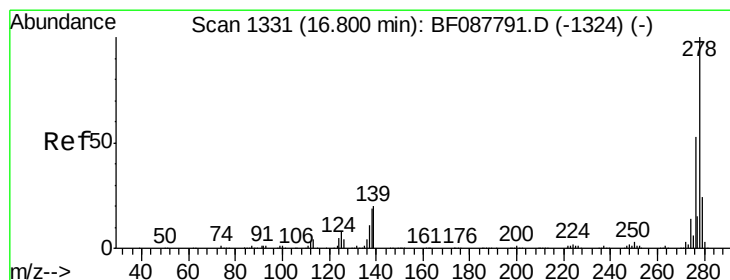
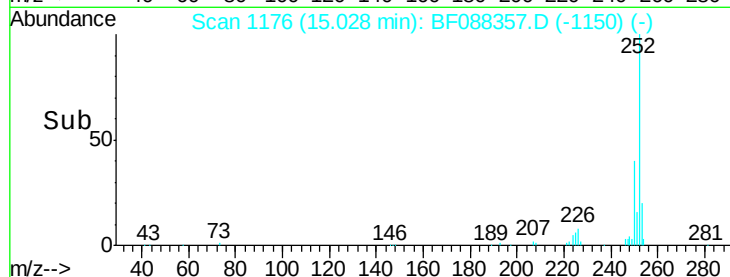
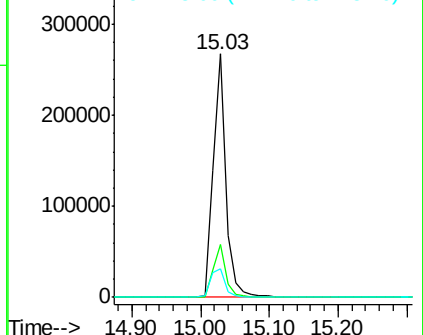
125 11.7 12.5 18.7#



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



#90

Dibenzo(a,h)anthracene

Concen: 33.44 ng

RT: 16.33 min Scan# 1290

Delta R.T. -0.00 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

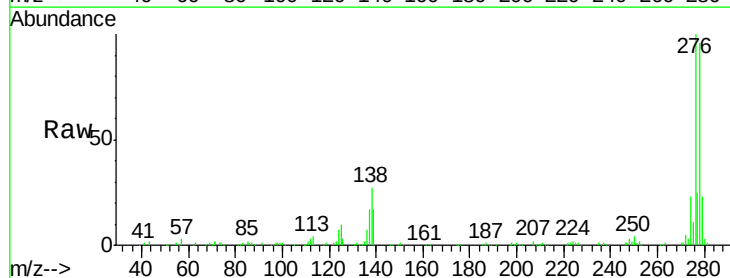
Tgt Ion:278 Resp: 268171

Ion Ratio Lower Upper

278 100

139 17.4 15.7 23.5

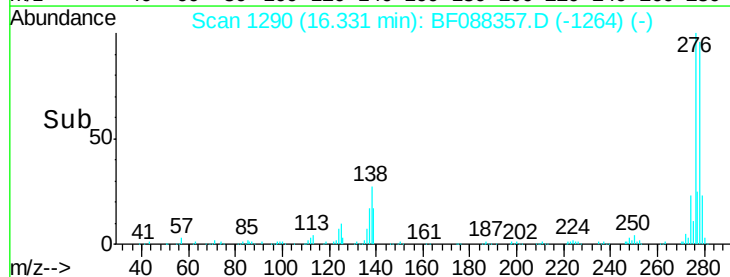
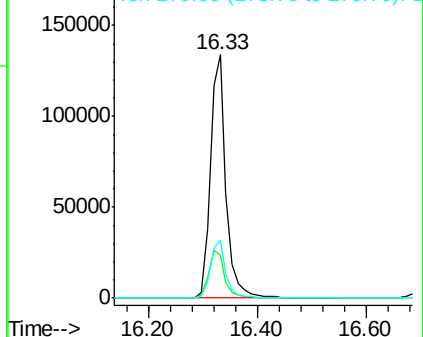
279 23.6 19.4 29.2

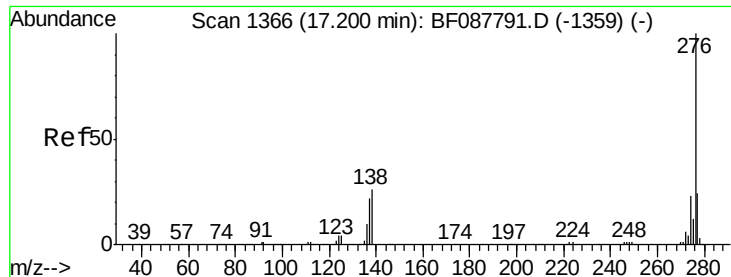


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 31.36 ng

RT: 16.70 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF088357.D

Acq: 25 Jun 2016 4:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

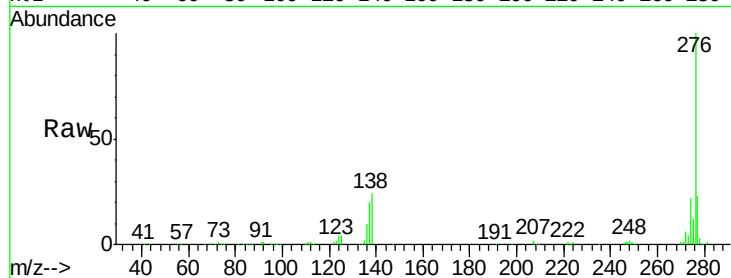
Tgt Ion:276 Resp: 258733

Ion Ratio Lower Upper

276 100

277 22.9 18.9 28.3

138 23.9 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

