

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
 Data File : BF088412.D
 Acq On : 26 Jun 2016 12:07
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 27 03:50:48 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	106391	20.00	ng	-0.06
21) Naphthalene-d8	7.84	136	437337	20.00	ng	-0.06
38) Acenaphthene-d10	9.59	164	196265	20.00	ng	-0.06
63) Phenanthrene-d10	11.06	188	381369	20.00	ng	-0.06
75) Chrysene-d12	13.69	240	269877	20.00	ng	-0.06
86) Perylene-d12	15.03	264	246751	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	521682	83.83	ng	-0.05
7) Phenol-d6	6.23	99	540917	71.72	ng	-0.03
23) Nitrobenzene-d5	7.13	82	567658	75.79	ng	-0.05
41) 2,4,6-Tribromophenol	10.38	330	142174	68.61	ng	-0.06
44) 2-Fluorobiphenyl	8.92	172	1033637	82.58	ng	-0.05
78) Terphenyl-d14	12.64	244	868200	73.21	ng	-0.06

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.94	88	123625	40.88	ng	# 44
3) Pyridine	2.56	79	280230	39.25	ng	91
4) n-Nitrosodimethylamine	2.54	42	104279	34.49	ng	82
6) Aniline	6.22	93	355387	33.11	ng	91
8) 2-Chlorophenol	6.34	128	298332	40.50	ng	89
9) Benzaldehyde	6.10	77	177048	36.58	ng	98
10) Phenol	6.24	94	365142	47.00	ng	87
11) bis(2-Chloroethyl)ether	6.30	93	283339	42.84	ng	89
12) 1,3-Dichlorobenzene	6.72	146	242718	30.71	ng	98
13) 1,4-Dichlorobenzene	6.57	146	327946	41.19	ng	97
14) 1,2-Dichlorobenzene	6.57	146	332136	45.87	ng	97
15) Benzyl Alcohol	6.72	79	205442	34.82	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.84	45	257511	28.82	ng	# 1
17) 2-Methylphenol	6.84	107	212791	35.62	ng	# 88
18) Hexachloroethane	7.05	117	111679	39.53	ng	# 82
19) n-Nitroso-di-n-propylamine	6.99	70	180138	37.33	ng	# 87
20) 3+4-Methylphenols	7.00	107	269201	38.62	ng	# 80
22) Acetophenone	6.98	105	390977	40.00	ng	# 97
24) Nitrobenzene	7.15	77	288447	39.76	ng	91
25) Isophorone	7.39	82	523060	37.70	ng	99
26) 2-Nitrophenol	7.46	139	160364	41.27	ng	97
27) 2,4-Dimethylphenol	7.53	122	245543	34.32	ng	99
28) bis(2-Chloroethoxy)methane	7.61	93	328298	38.16	ng	# 97
29) 2,4-Dichlorophenol	7.72	162	230600	38.60	ng	92
30) 1,2,4-Trichlorobenzene	7.78	180	242701	37.31	ng	98
31) Naphthalene	7.86	128	806998	37.29	ng	99
32) Benzoic acid	7.71	122	129148	32.78	ng	94
33) 4-Chloroaniline	7.93	127	355945	36.83	ng	# 93
34) Hexachlorobutadiene	7.98	225	121228	35.34	ng	98
35) Caprolactam	8.33	113	43333	21.90	ng	# 75
36) 4-Chloro-3-methylphenol	8.43	107	240642	37.67	ng	100
37) 2-Methylnaphthalene	8.55	142	502557	35.23	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	218460	41.73	ng	# 1
40) Hexachlorocyclopentadiene	8.71	237	135554	42.82	ng	96

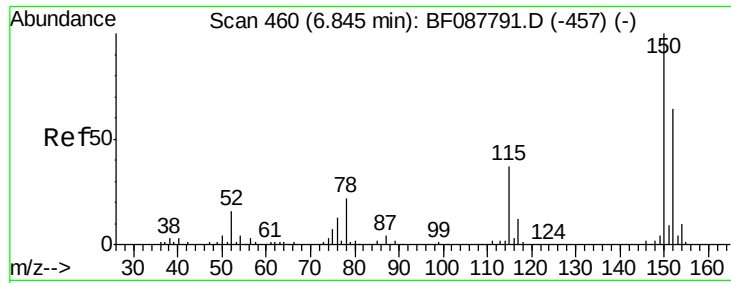
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	139871	35.64	nq	98
43) 2,4,5-Trichlorophenol	8.89	196	148157	36.28	nq	# 90
45) 1,1'-Biphenyl	9.02	154	633280	42.67	nq	98
46) 2-Chloronaphthalene	9.04	162	501066	39.45	nq	100
47) 2-Nitroaniline	9.15	65	153427	40.95	nq	# 74
48) Acenaphthylene	9.45	152	792260	39.22	nq	99
49) Dimethylphthalate	9.34	163	606849	42.68	nq	99
50) 2,6-Dinitrotoluene	9.39	165	119085	36.57	nq	# 54
51) Acenaphthene	9.62	154	474142	37.62	nq	99
52) 3-Nitroaniline	9.56	138	144376	38.43	nq	96
53) 2,4-Dinitrophenol	9.69	184	76234	48.12	nq	# 84
54) Dibenzofuran	9.79	168	705271	40.64	nq	# 91
55) 4-Nitrophenol	9.79	139	402214	137.93	nq	# 11
56) 2,4-Dinitrotoluene	9.80	165	182172	43.54	nq	# 84
57) Fluorene	10.14	166	516661	43.94	nq	97
58) 2,3,4,6-Tetrachlorophenol	9.92	232	124390	38.76	nq	# 57
59) Diethylphthalate	10.02	149	526297	36.57	nq	98
60) 4-Chlorophenyl-phenylether	10.12	204	208014	36.04	nq	92
61) 4-Nitroaniline	10.19	138	151878	42.62	nq	97
62) Azobenzene	10.28	77	556053	39.07	nq	97
64) 4,6-Dinitro-2-methylphenol	10.22	198	97571	41.30	nq	# 73
65) n-Nitrosodiphenylamine	10.25	169	455551	36.00	nq	99
66) 4-Bromophenyl-phenylether	10.62	248	157743	38.55	nq	93
67) Hexachlorobenzene	10.67	284	147990	34.81	nq	97
68) Atrazine	10.79	200	133337	34.80	nq	92
69) Pentachlorophenol	10.88	266	92125	41.11	nq	97
70) Phenanthrene	11.08	178	737065	36.83	nq	99
71) Anthracene	11.14	178	829569	41.10	nq	98
72) Carbazole	11.30	167	793470	42.00	nq	100
73) Di-n-butylphthalate	11.63	149	939367	39.28	nq	99
74) Fluoranthene	12.26	202	768286	36.38	nq	99
76) Benzidine	12.40	184	330399	44.21	nq	98
77) Pyrene	12.49	202	802639	40.08	nq	99
79) Butylbenzylphthalate	13.12	149	394348	44.54	nq	89
80) Benzo(a)anthracene	13.67	228	579733	37.70	nq	99
81) 3,3'-Dichlorobenzidine	13.65	252	204768	49.51	nq	# 96
82) Chrysene	13.71	228	654498	45.24	nq	99
83) Bis(2-ethylhexyl)phthalate	13.67	149	447478	41.52	nq	98
84) Di-n-octyl phthalate	14.29	149	870221	49.69	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.26	276	548011	40.77	nq	# 100
87) Benzo(b)fluoranthene	14.70	252	1148217	66.76	nq	# 96
88) Benzo(k)fluoranthene	14.70	252	1149062	88.57	nq	99
89) Benzo(a)pyrene	14.98	252	548981	39.45	nq	# 97
90) Dibenzo(a,h)anthracene	16.26	278	455688	35.26	nq	98
91) Benzo(g,h,i)perylene	16.63	276	477272	35.90	nq	96

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

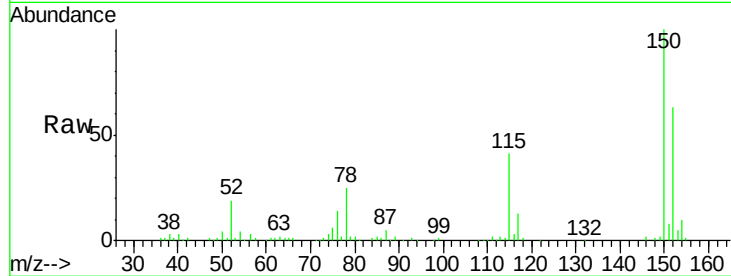


#1

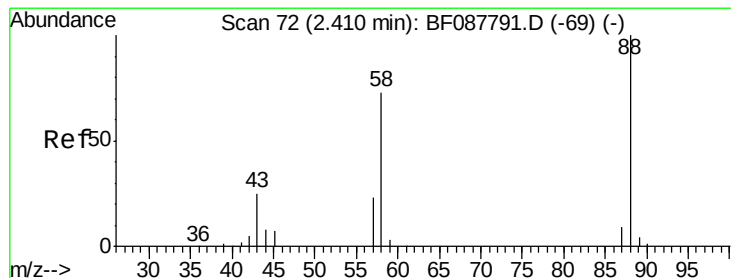
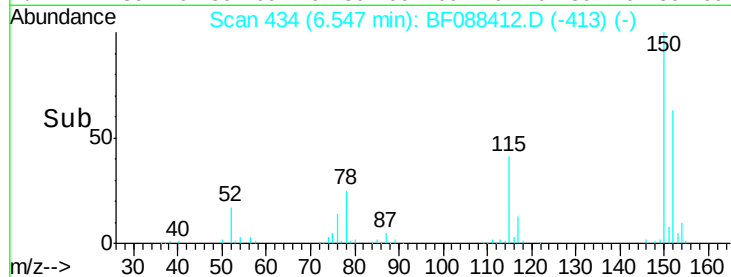
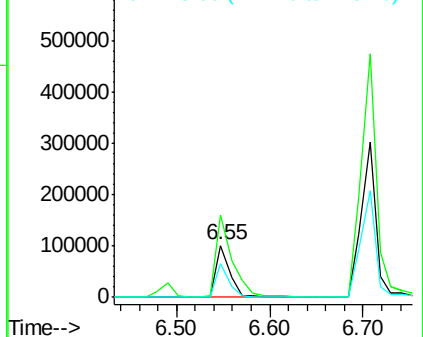
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.06 min
Lab File: BF088412.D
Acq: 26 Jun 2016 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 106391
Ion Ratio Lower Upper
152 100
150 158.2 123.8 185.6
115 65.0 39.6 59.4#



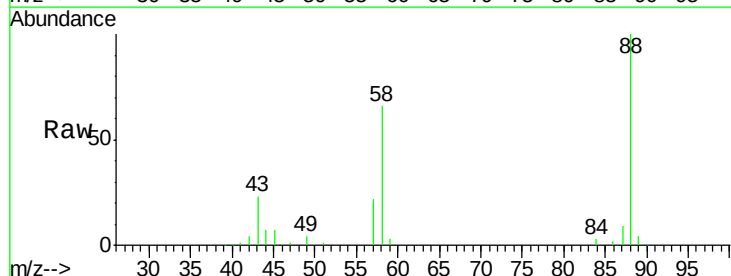
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



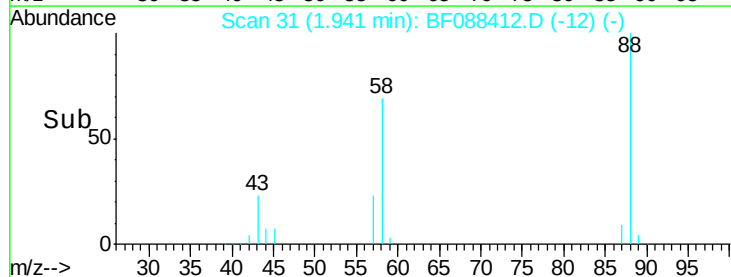
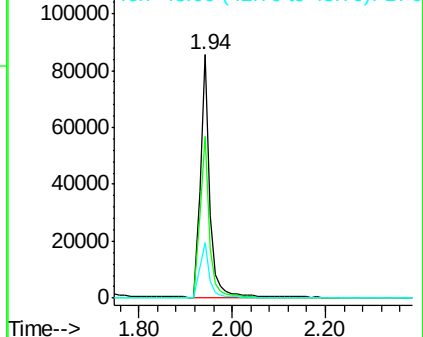
#2

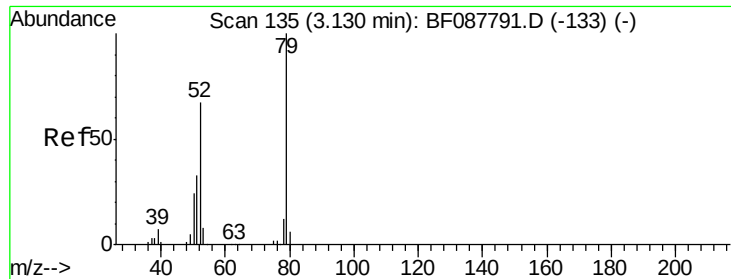
1,4-Dioxane
Concen: 40.88 ng
RT: 1.94 min Scan# 31
Delta R.T. -0.08 min
Lab File: BF088412.D
Acq: 26 Jun 2016 12:07

Tgt Ion: 88 Resp: 123625
Ion Ratio Lower Upper
88 100
58 64.7 0.0 0.0#
43 22.6 3.4 5.2#



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





#3

Pvridine

Concen: 39.25 ng

RT: 2.56 min Scan# 85

Delta R.T. -0.11 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

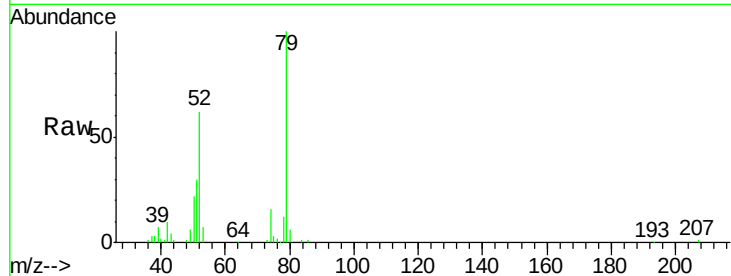
Tot Ion: 79 Resp: 280230

Ion Ratio Lower Upper

79 100

52 62.3 56.3 84.5

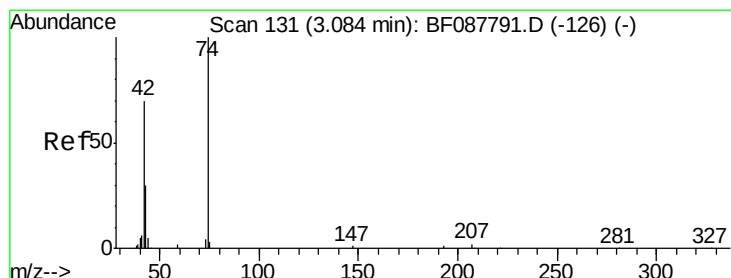
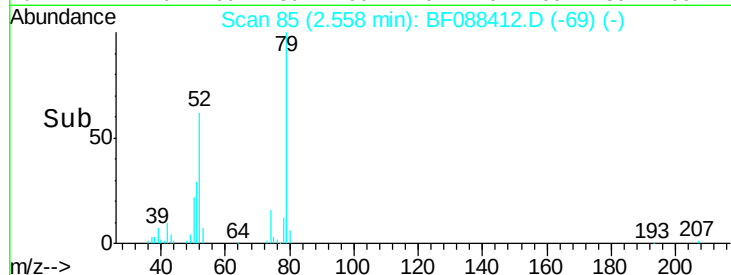
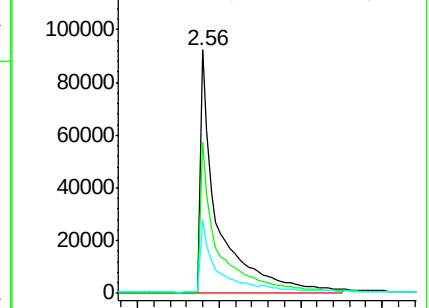
51 29.9 27.4 41.2



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: 34.49 ng

RT: 2.54 min Scan# 83

Delta R.T. -0.09 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

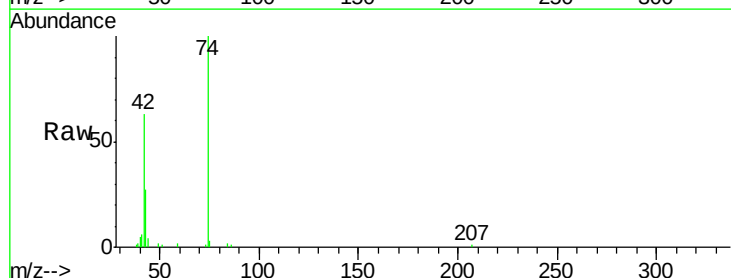
Tgt Ion: 42 Resp: 104279

Ion Ratio Lower Upper

42 100

74 158.7 108.6 163.0

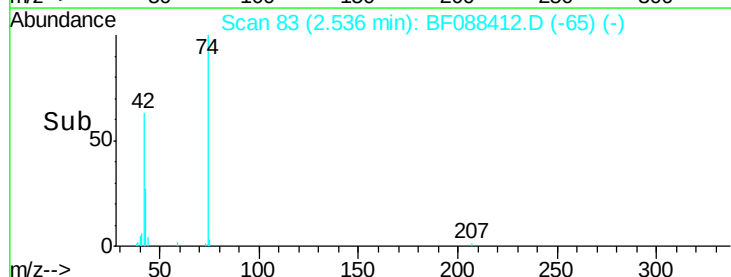
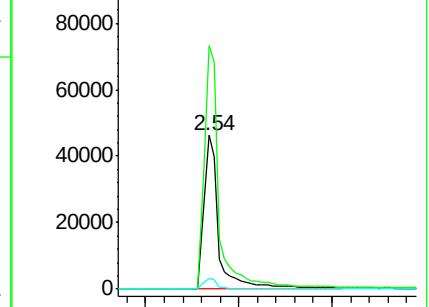
44 6.9 5.5 8.3

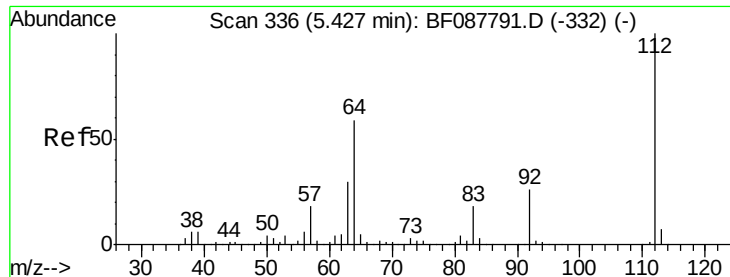


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 83.83 ng

RT: 5.13 min Scan# 310

Delta R.T. -0.05 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

Instrument :

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ClientSampleId :

SSTDCCC040

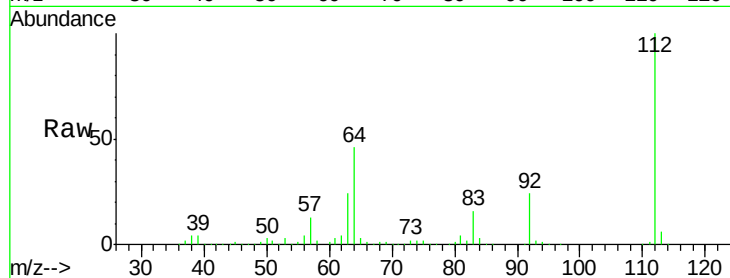
Tot Ion: 112 Resp: 521682

Ion Ratio Lower Upper

112 100

64 45.9 42.2 63.2

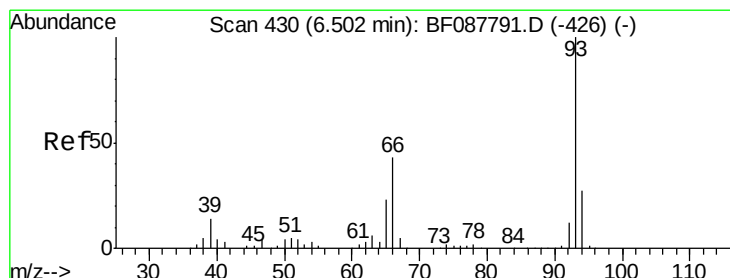
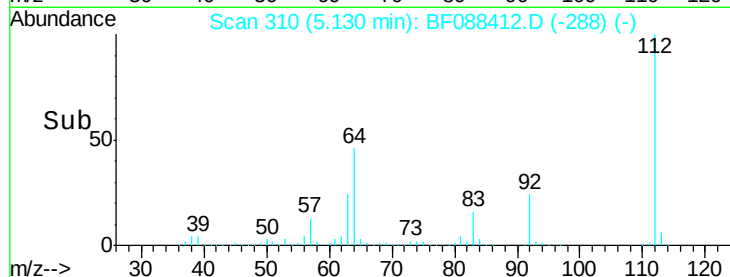
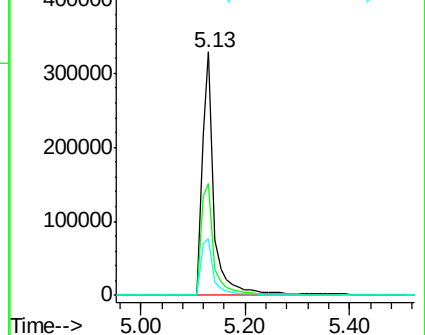
63 23.5 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 33.11 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.06 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

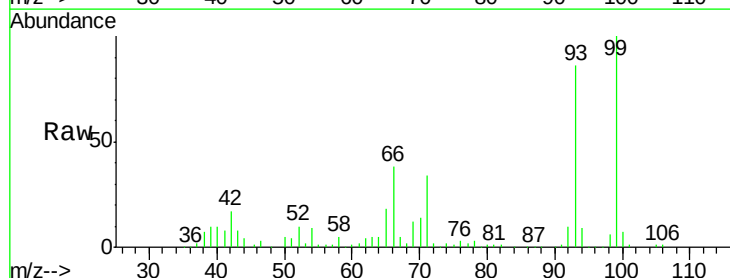
Tgt Ion: 93 Resp: 355387

Ion Ratio Lower Upper

93 100

66 43.8 29.8 44.8

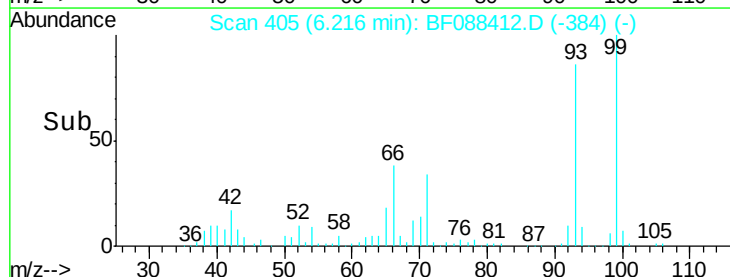
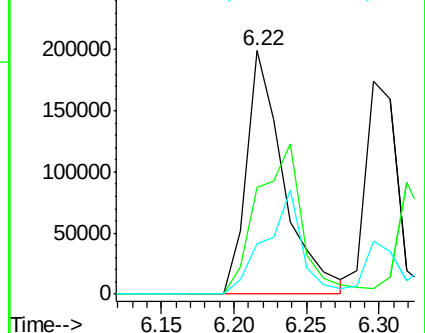
65 20.5 14.9 22.3

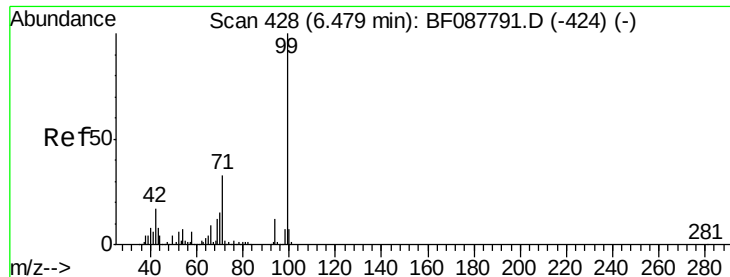


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 71.72 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.03 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

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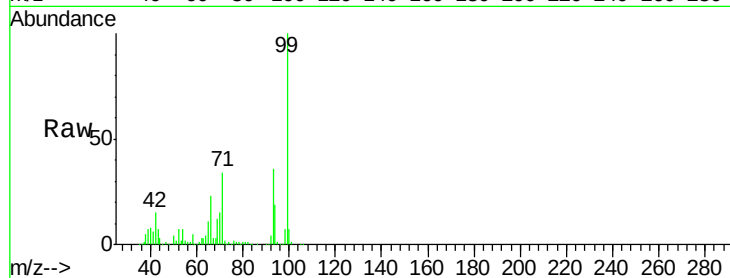
Tot Ion: 99 Resp: 540917

Ion Ratio Lower Upper

99 100

42 15.4 12.2 18.2

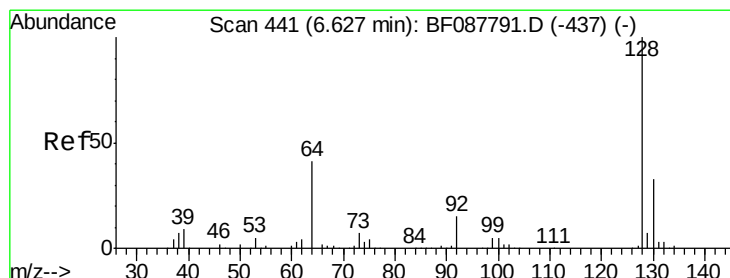
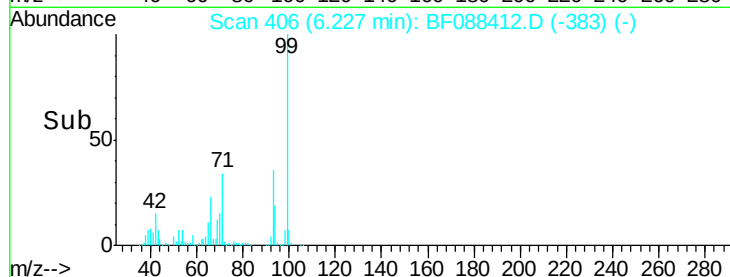
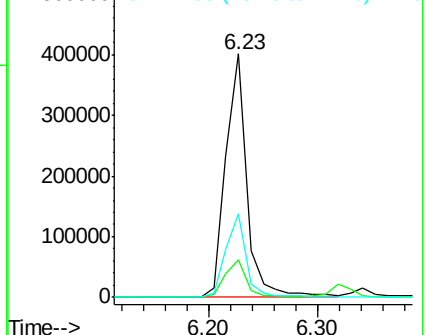
71 34.1 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.50 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

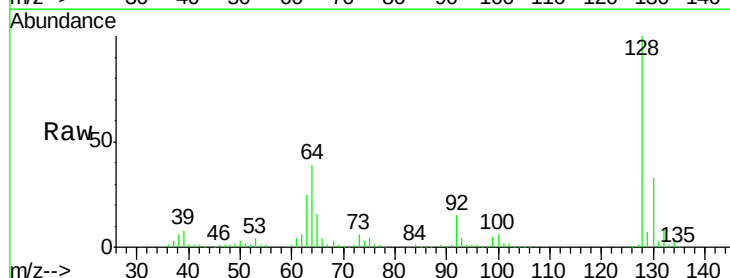
Tgt Ion: 128 Resp: 298332

Ion Ratio Lower Upper

128 100

130 32.9 12.0 52.0

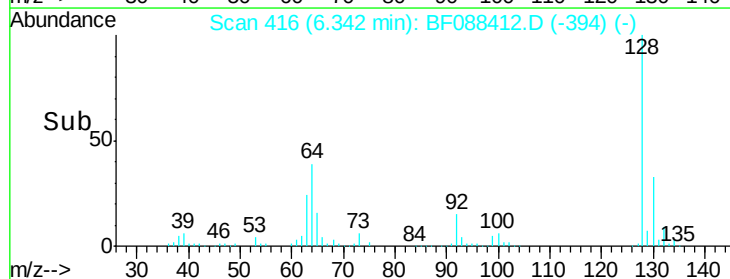
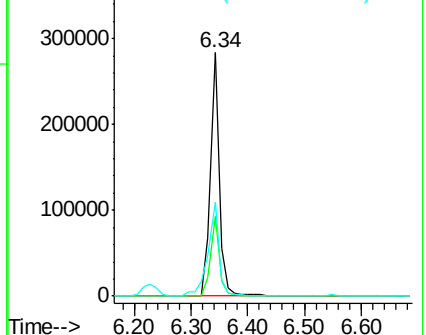
64 38.7 30.8 70.8

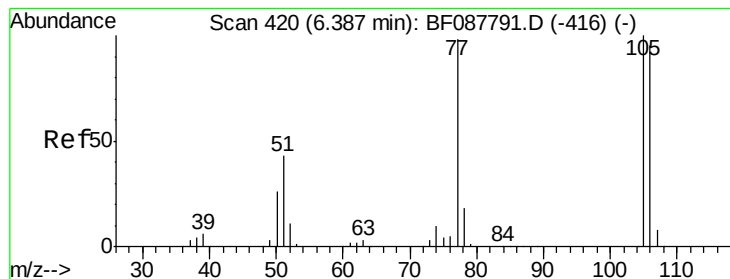


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.58 ng

RT: 6.10 min Scan# 395

Delta R.T. -0.05 min

Lab File: BF088412.D

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BNA_F

ClientSampleId :

SSTDCCC040

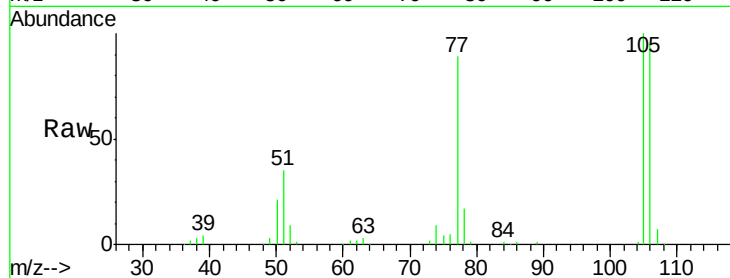
Tot Ion: 77 Resp: 177048

Ion Ratio Lower Upper

77 100

105 112.8 90.6 130.6

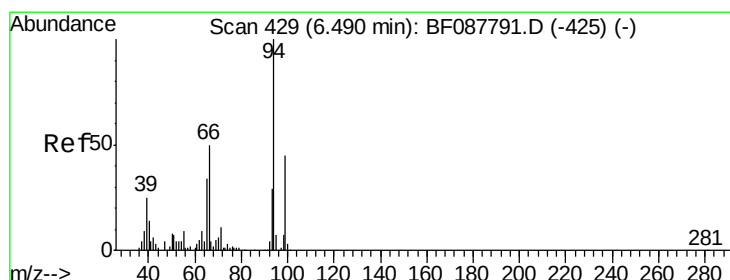
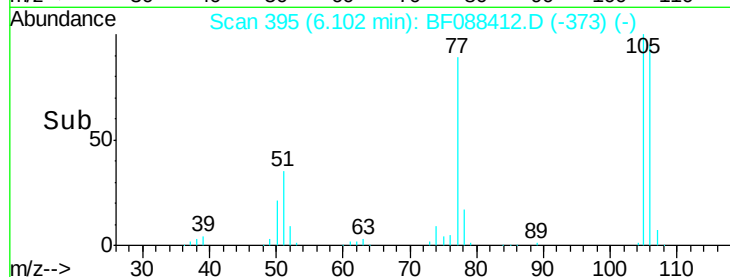
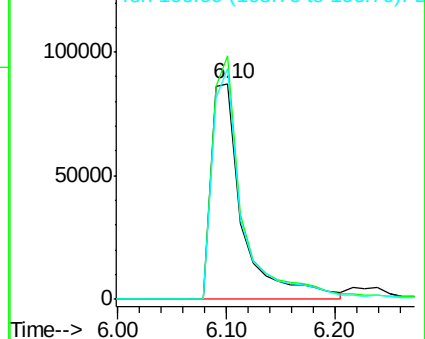
106 106.8 85.3 125.3



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: 47.00 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

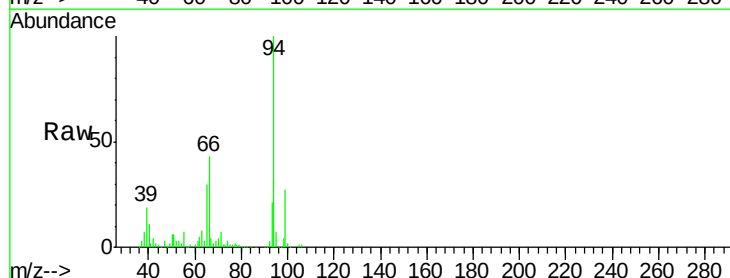
Tgt Ion: 94 Resp: 365142

Ion Ratio Lower Upper

94 100

65 30.0 5.9 45.9

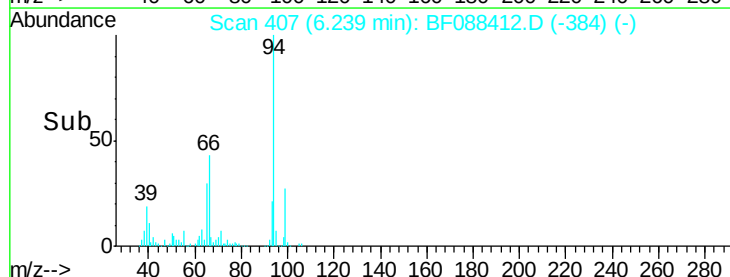
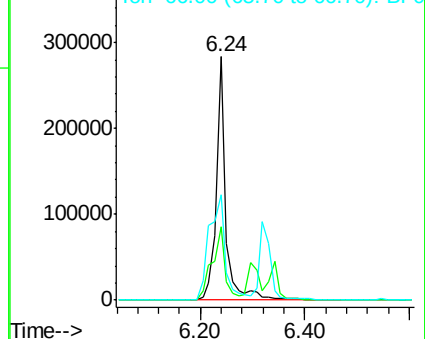
66 43.4 14.0 54.0

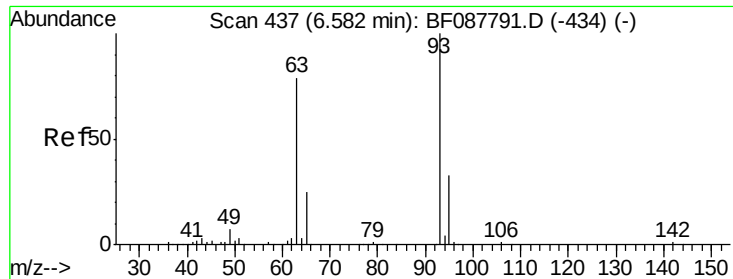


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



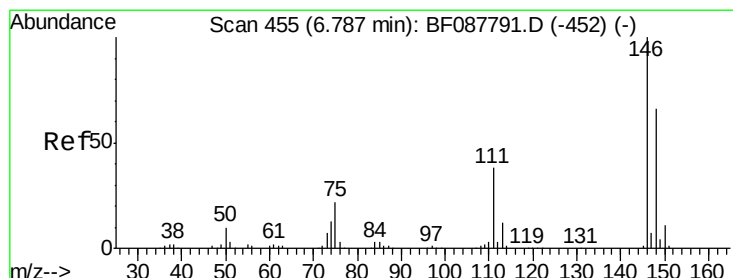
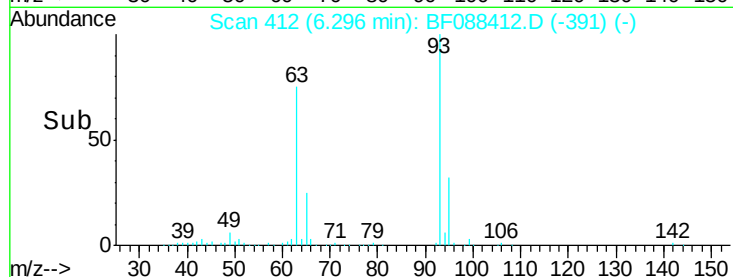
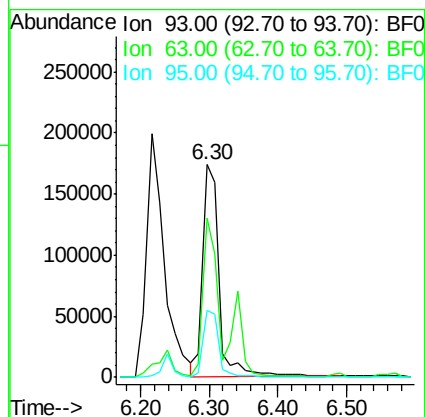
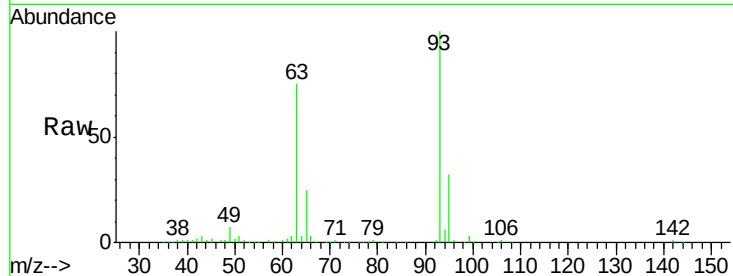


#11

bis(2-Chloroethyl)ether
Concen: 42.84 ng
RT: 6.30 min Scan# 412
Delta R.T. -0.06 min
Lab File: BF088412.D
Acq: 26 Jun 2016 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

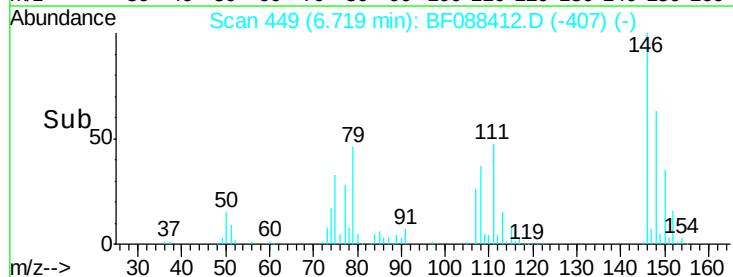
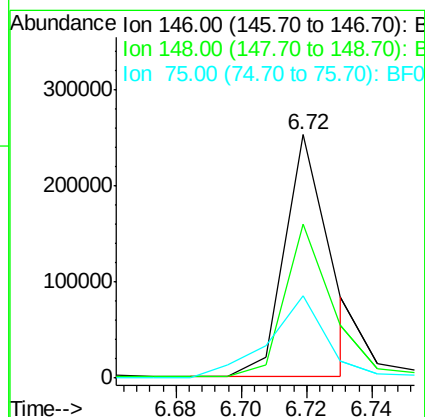
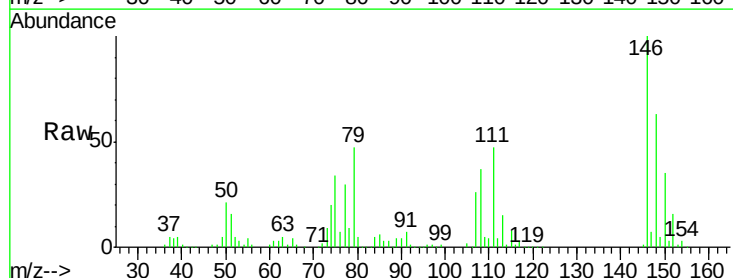
Tot Ion: 93 Resp: 283339
Ion Ratio Lower Upper
93 100
63 74.6 67.6 107.6
95 31.7 12.5 52.5

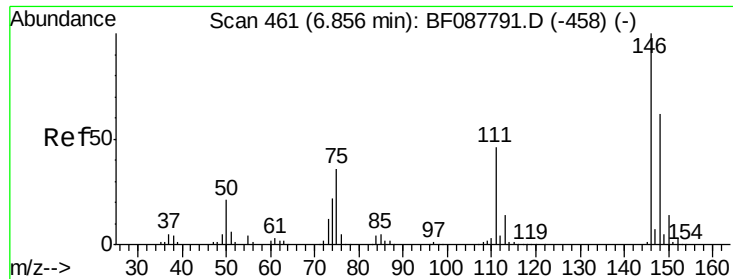


#12

1,3-Dichlorobenzene
Concen: 30.71 ng
RT: 6.72 min Scan# 449
Delta R.T. 0.18 min
Lab File: BF088412.D
Acq: 26 Jun 2016 12:07

Tgt Ion: 146 Resp: 242718
Ion Ratio Lower Upper
146 100
148 63.2 50.9 76.3
75 33.9 25.6 38.4

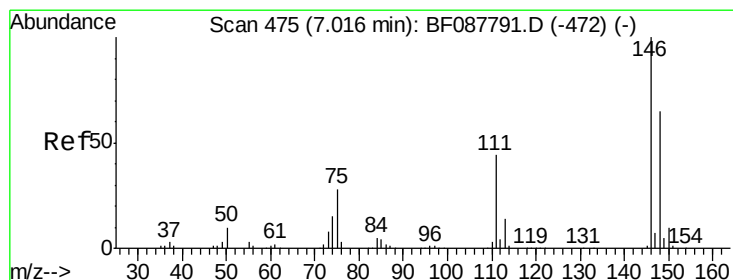
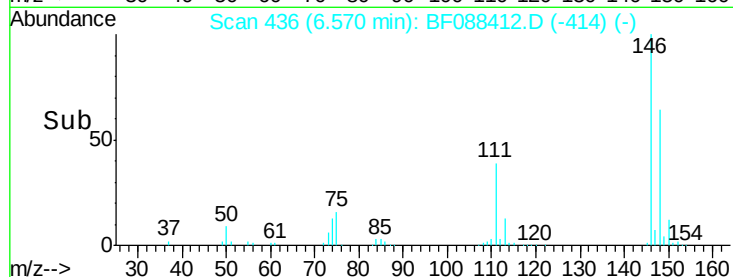
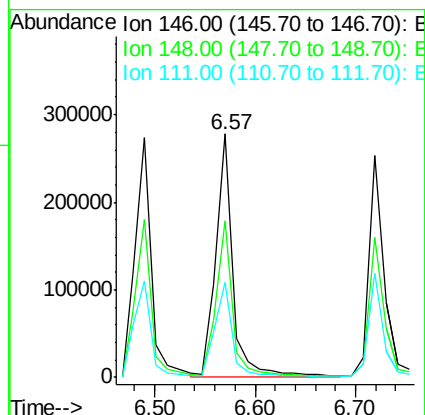
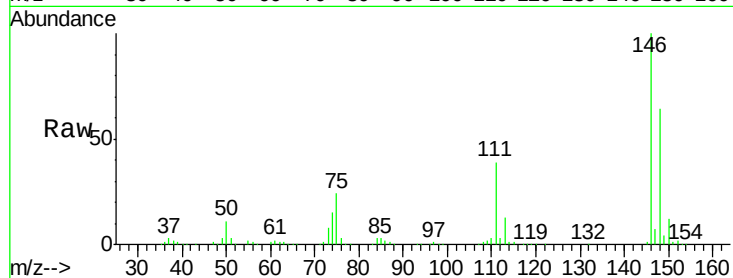




#13
 1,4-Dichlorobenzene
 Concen: 41.19 ng
 RT: 6.57 min Scan# 436
 Delta R.T. -0.05 min
 Lab File: BF088412.D
 Acq: 26 Jun 2016 12:07

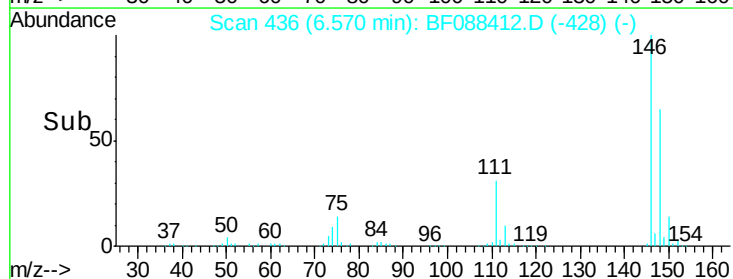
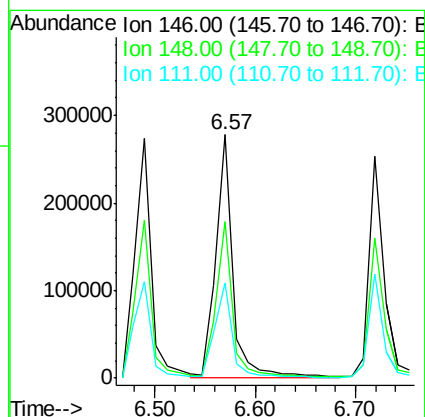
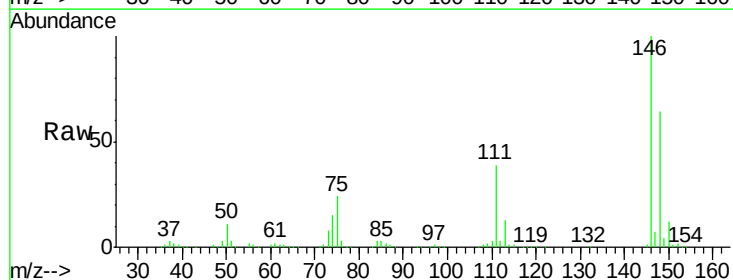
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

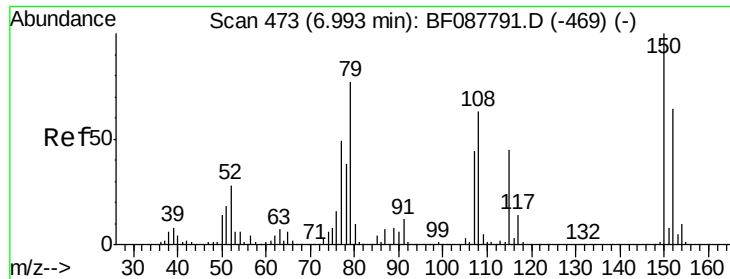
Tot Ion:146 Resp: 327946
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.0 78.0
 111 39.1 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 45.87 ng
 RT: 6.57 min Scan# 436
 Delta R.T. -0.21 min
 Lab File: BF088412.D
 Acq: 26 Jun 2016 12:07

Tgt Ion:146 Resp: 332136
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.3 78.5
 111 39.1 28.7 43.1

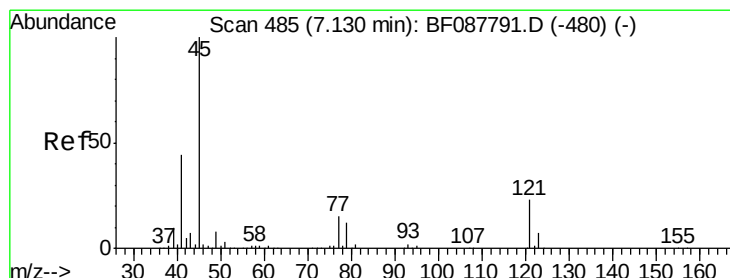
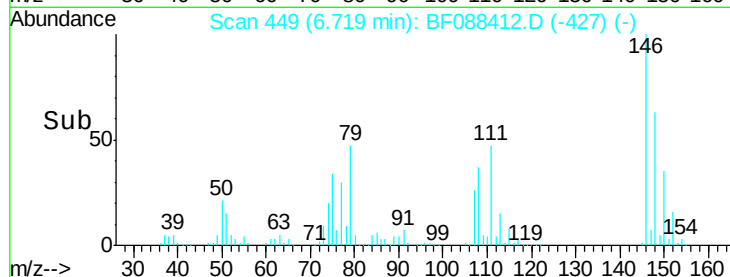
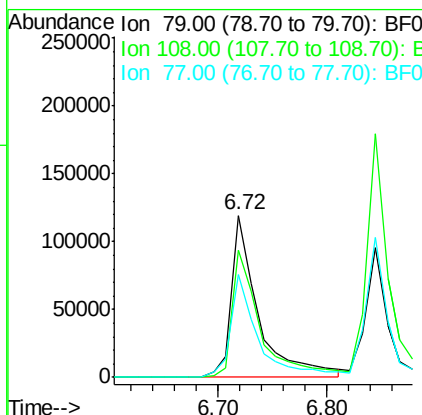
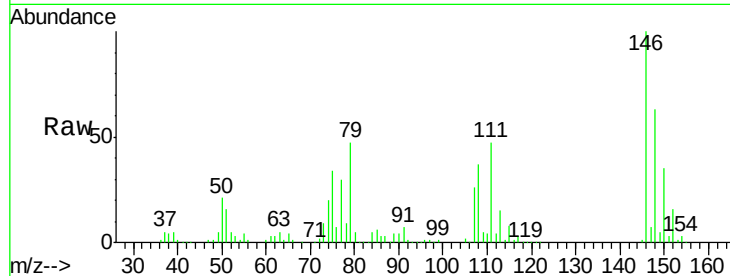




#15
Benzyl Alcohol
Concen: 34.82 ng
RT: 6.72 min Scan# 449
Delta R.T. -0.05 min
Lab File: BF088412.D
Acq: 26 Jun 2016 12:07

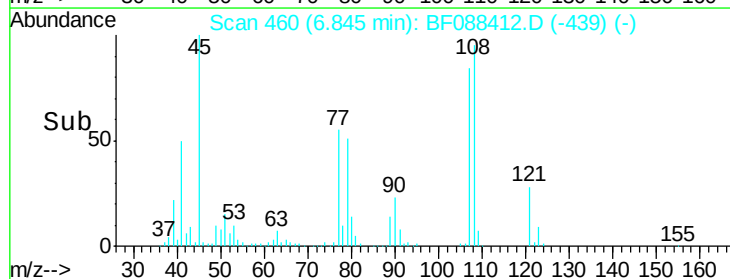
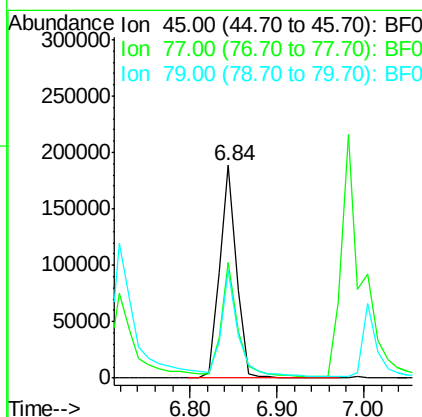
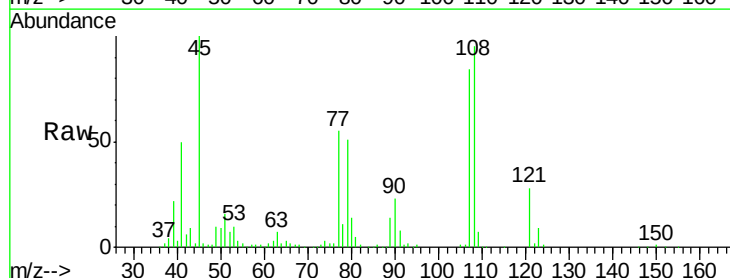
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

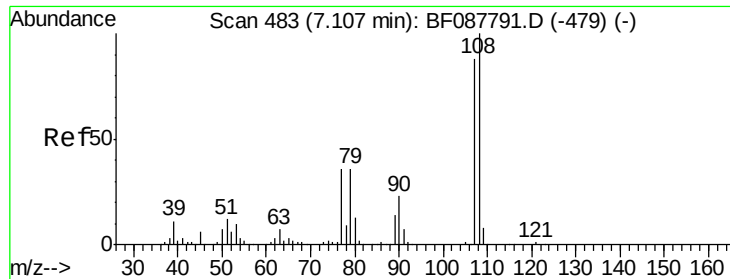
Tot Ion: 79 Resp: 205442
Ion Ratio Lower Upper
79 100
108 78.3 65.0 97.6
77 63.1 50.3 75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 28.82 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.06 min
Lab File: BF088412.D
Acq: 26 Jun 2016 12:07

Tgt Ion: 45 Resp: 257511
Ion Ratio Lower Upper
45 100
77 54.5 0.0 32.5#
79 50.9 0.0 29.5#





#17

2-Methylphenol

Concen: 35.62 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.05 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 212791

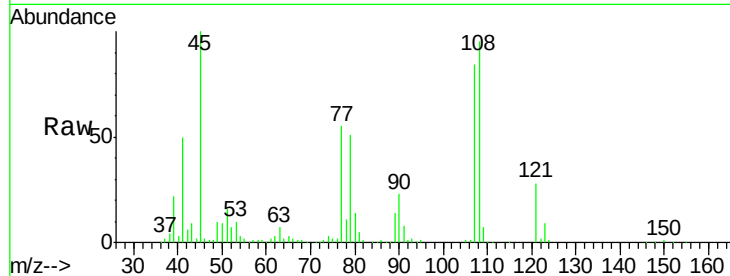
Ion Ratio Lower Upper

107 100

108 112.9 90.9 136.3

77 64.6 36.6 55.0#

79 60.2 36.5 54.7#

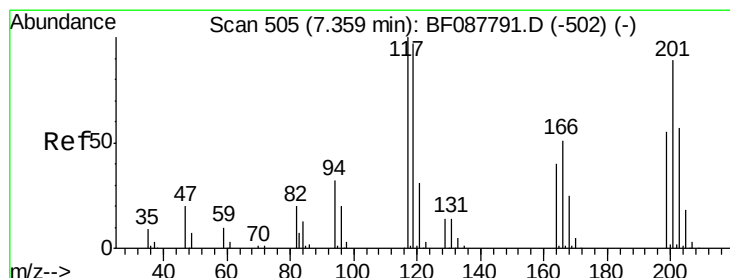
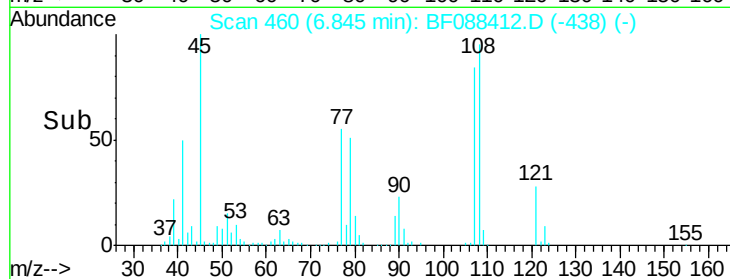
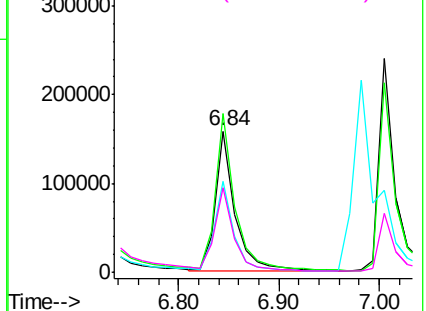


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.53 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.06 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

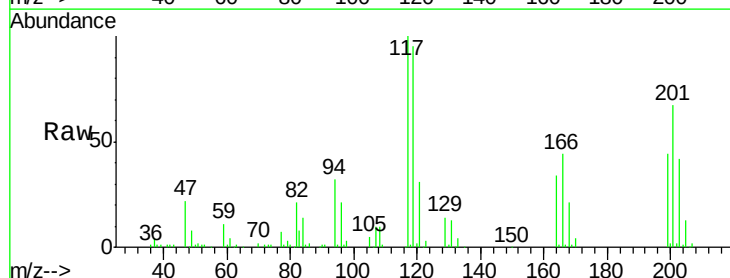
Tgt Ion:117 Resp: 111679

Ion Ratio Lower Upper

117 100

119 95.3 77.4 116.2

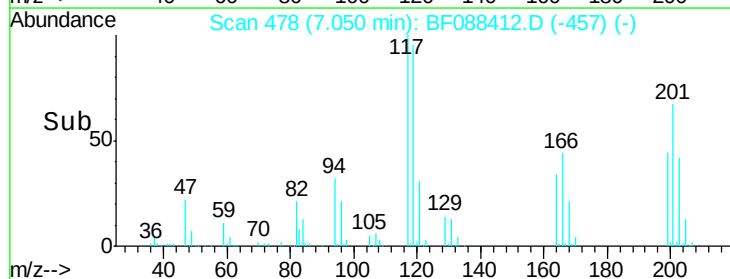
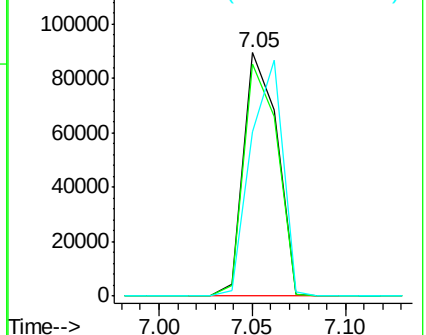
201 67.3 80.4 120.6#

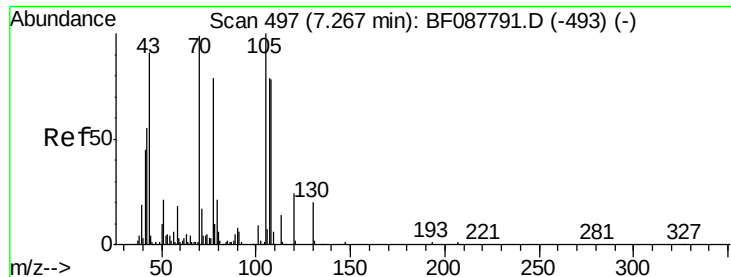


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

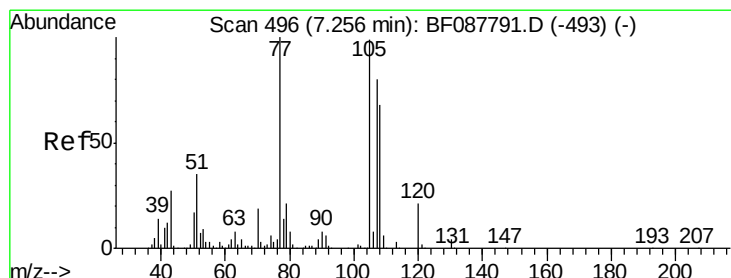
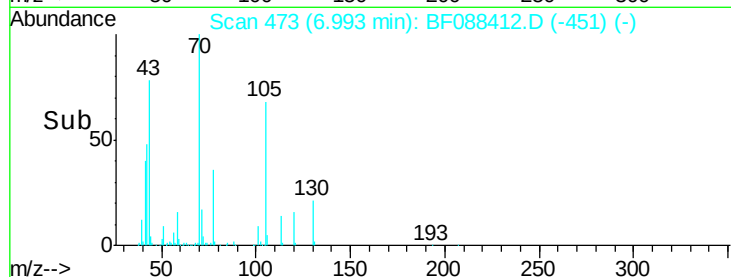
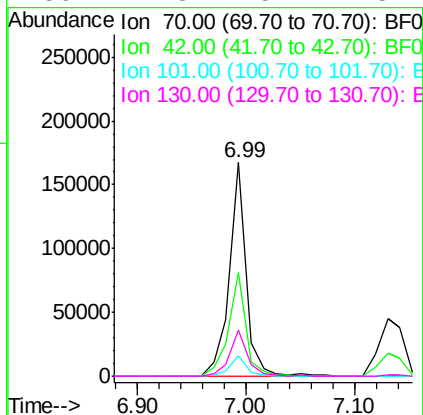
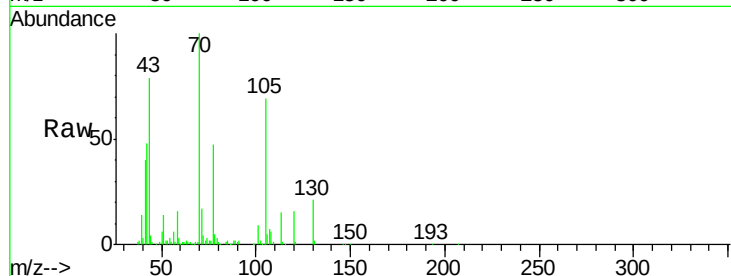




#19
n-Nitroso-di-n-propylamine
Concen: 37.33 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.05 min
Lab File: BF088412.D
Acq: 26 Jun 2016 12:07

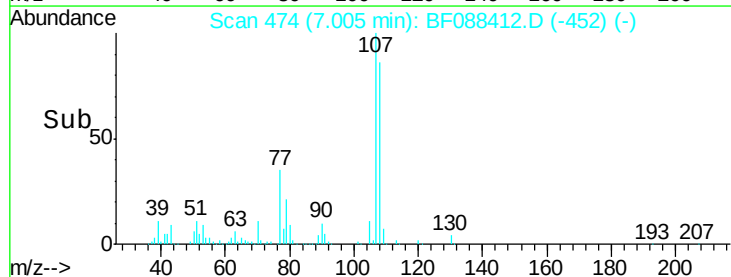
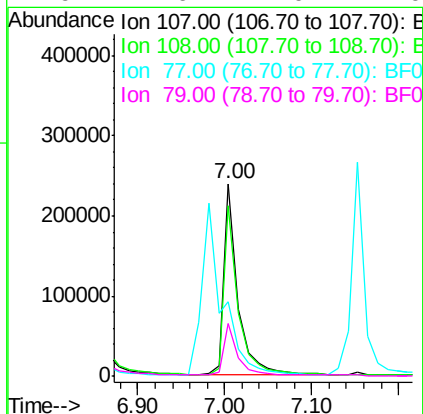
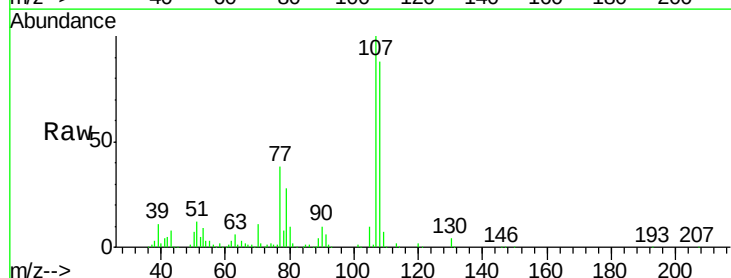
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

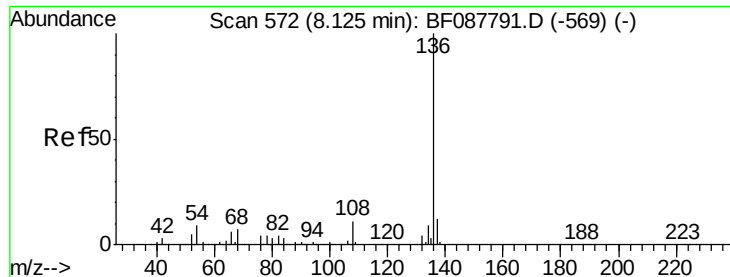
Tot Ion: 70 Resp: 180138
Ion Ratio Lower Upper
70 100
42 48.3 49.6 74.4#
101 9.5 7.1 10.7
130 21.3 15.4 23.2



#20
3+4-Methylphenols
Concen: 38.62 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.05 min
Lab File: BF088412.D
Acq: 26 Jun 2016 12:07

Tgt Ion: 107 Resp: 269201
Ion Ratio Lower Upper
107 100
108 88.5 67.8 107.8
77 38.4 59.3 99.3#
79 27.6 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 547

Delta R.T. -0.06 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 437337

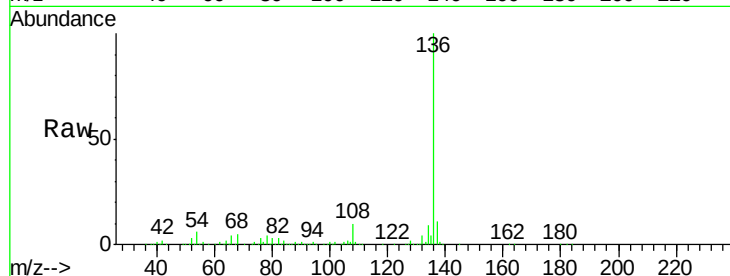
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.2 6.6 10.0#

68 5.2 5.1 7.7

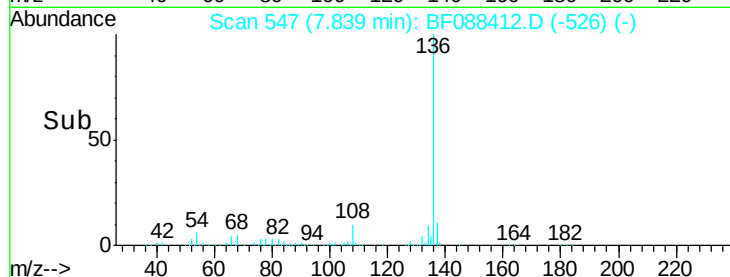


Abundance Ion 136.00 (135.70 to 136.70): E

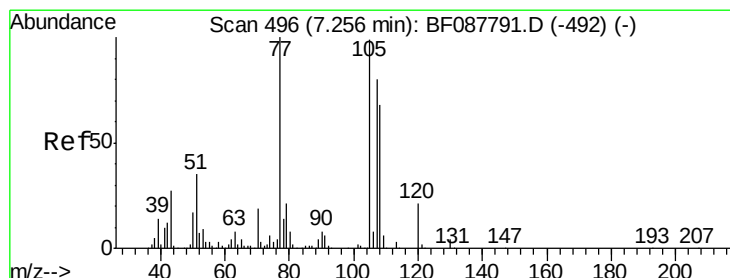
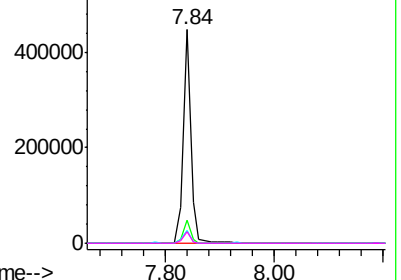
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 40.00 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.05 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

Tgt Ion:105 Resp: 390977

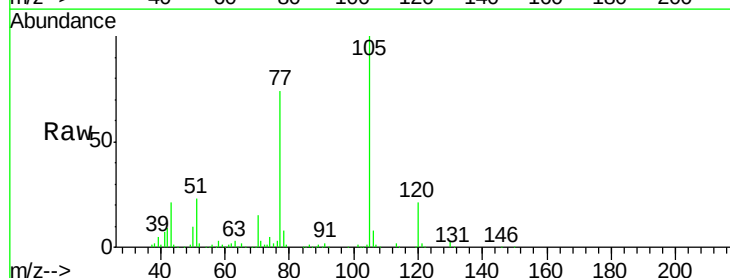
Ion Ratio Lower Upper

105 100

71 2.5 5.3 7.9#

51 23.0 18.2 27.4

120 21.5 18.0 27.0

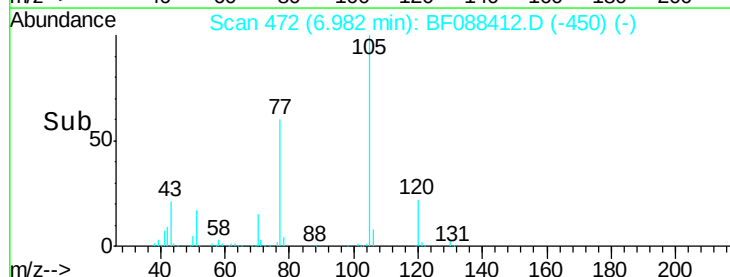


Abundance Ion 105.00 (104.70 to 105.70): E

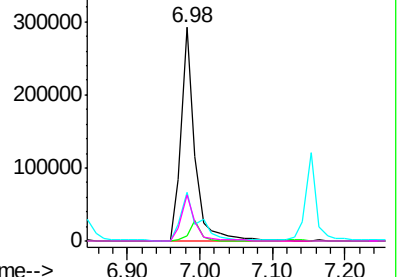
Ion 71.00 (70.70 to 71.70): BF0

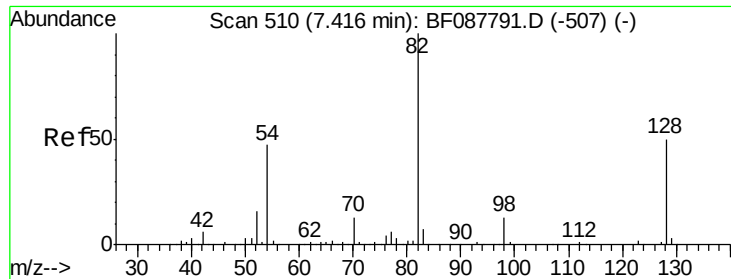
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

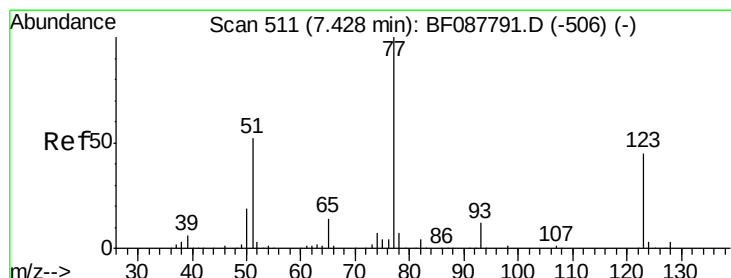
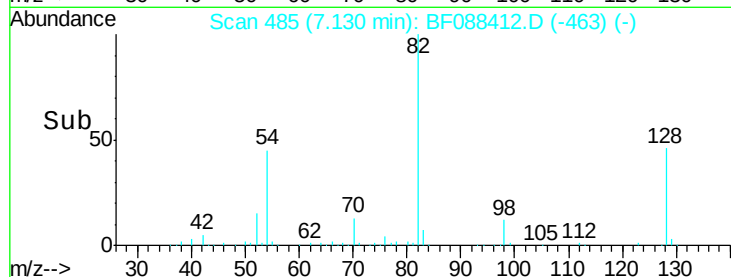
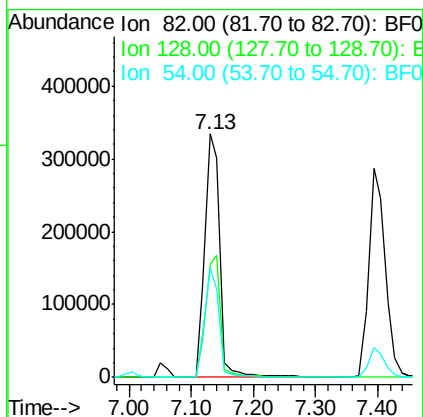
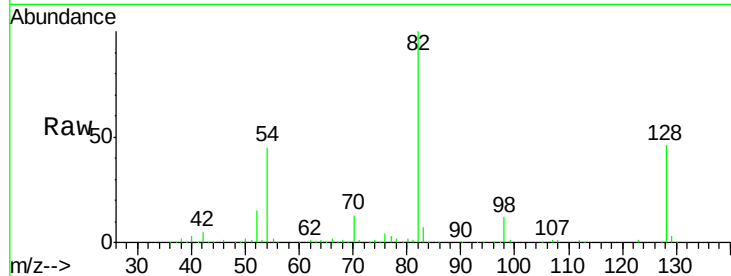




#23
 Nitrobenzene-d5
 Concen: 75.79 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.05 min
 Lab File: BF088412.D
 Acq: 26 Jun 2016 12:07

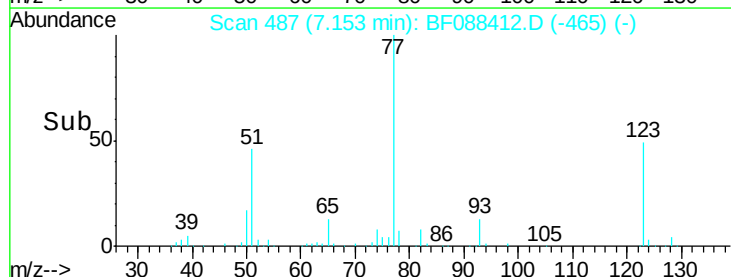
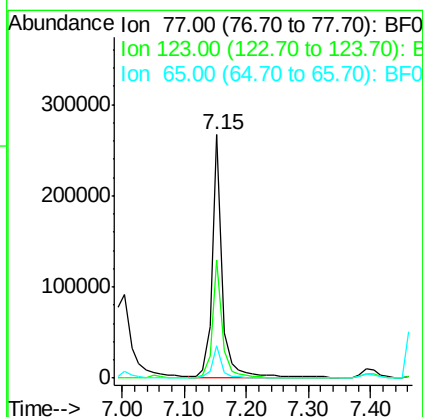
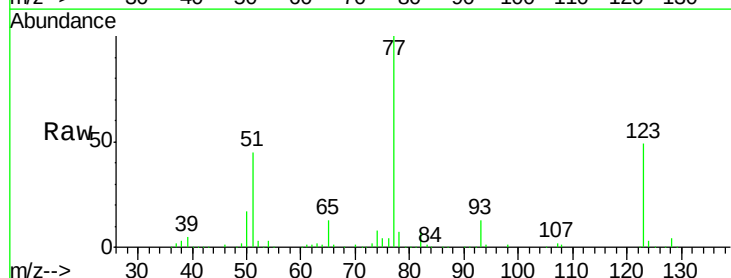
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

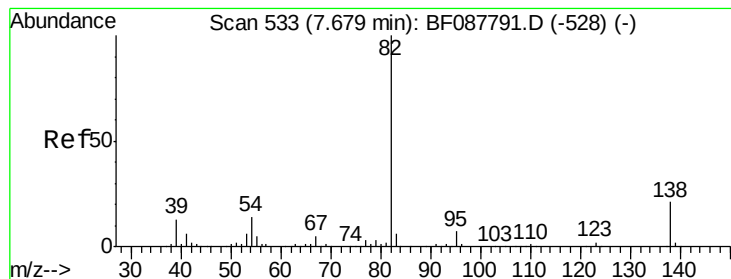
Tot Ion: 82 Resp: 567658
 Ion Ratio Lower Upper
 82 100
 128 46.3 35.9 53.9
 54 45.1 40.9 61.3



#24
 Nitrobenzene
 Concen: 39.76 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.05 min
 Lab File: BF088412.D
 Acq: 26 Jun 2016 12:07

Tgt Ion: 77 Resp: 288447
 Ion Ratio Lower Upper
 77 100
 123 48.7 45.0 67.4
 65 13.3 10.2 15.2





#25

Isophorone

Concen: 37.70 ng

RT: 7.39 min Scan# 508

Delta R.T. -0.05 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

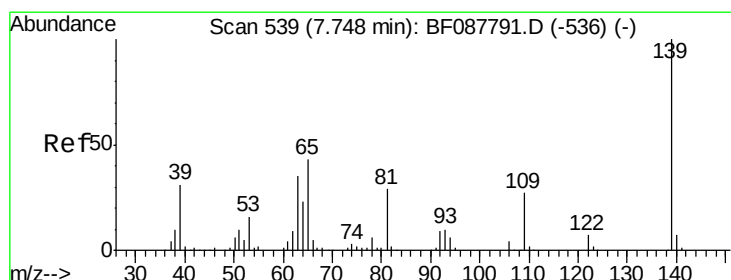
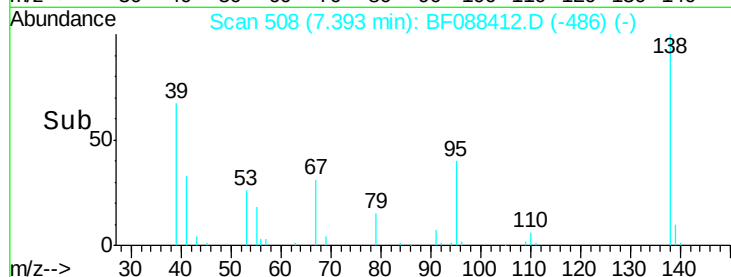
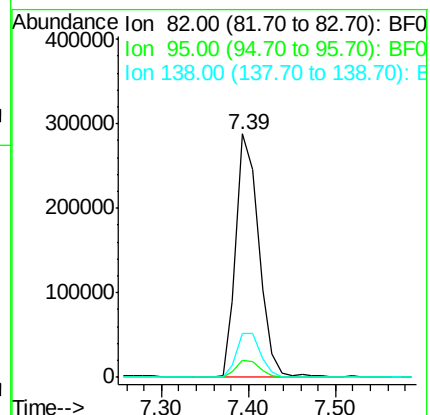
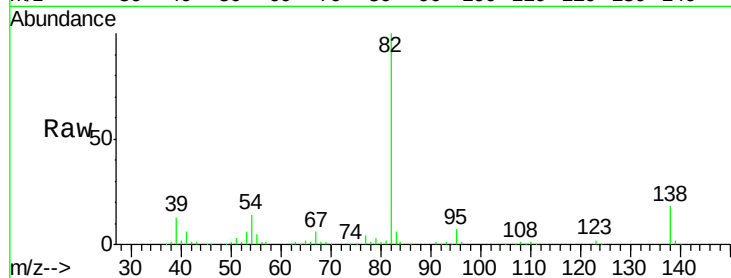
Tot Ion: 82 Resp: 523060

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.2

138 17.9 14.6 21.8



#26

2-Nitrophenol

Concen: 41.27 ng

RT: 7.46 min Scan# 514

Delta R.T. -0.06 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

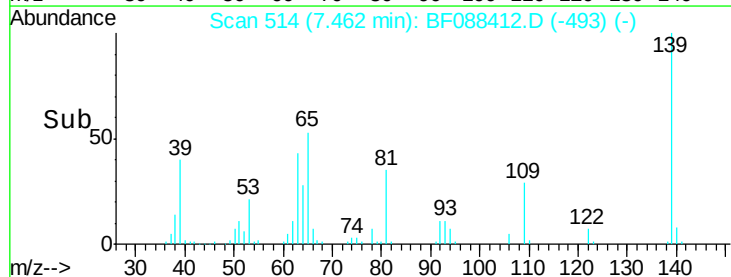
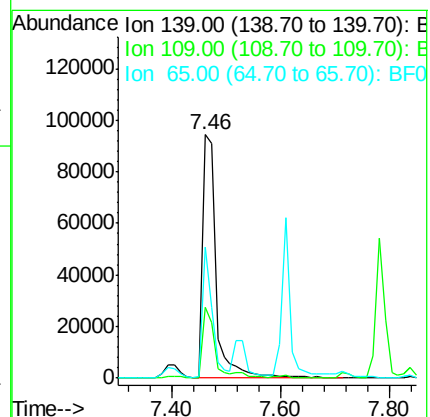
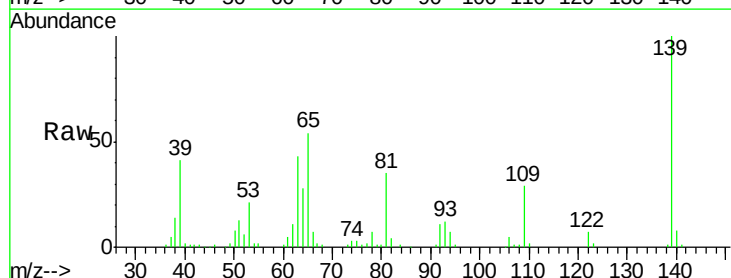
Tgt Ion: 139 Resp: 160364

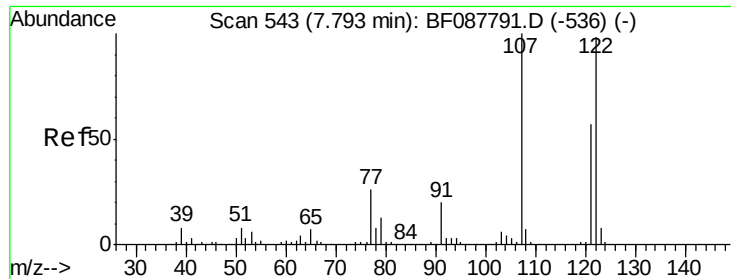
Ion Ratio Lower Upper

139 100

109 29.3 23.0 34.4

65 53.8 45.8 68.8





#27

2,4-Dimethylphenol

Concen: 34.32 ng

RT: 7.53 min Scan# 520

Delta R.T. -0.05 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

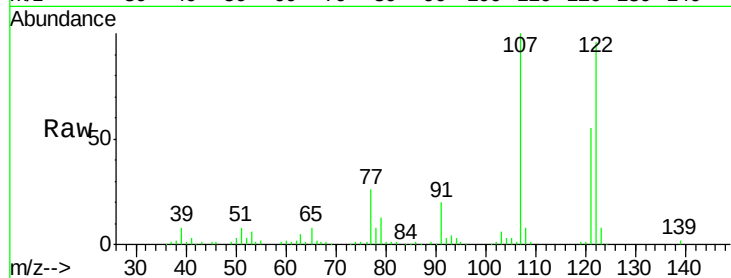
Tot Ion:122 Resp: 245543

Ion Ratio Lower Upper

122 100

107 104.3 82.4 123.6

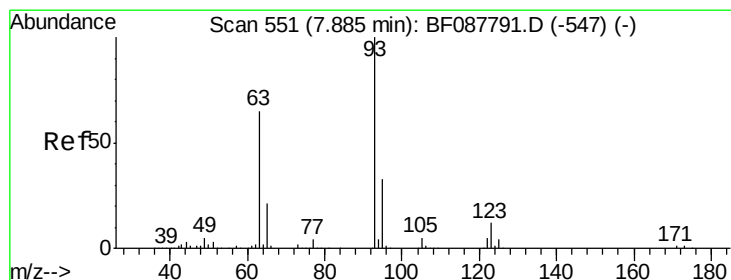
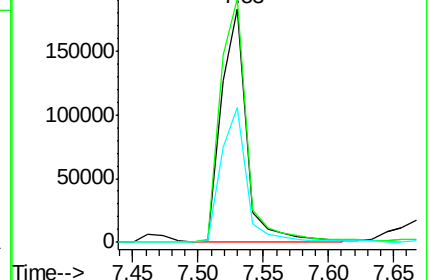
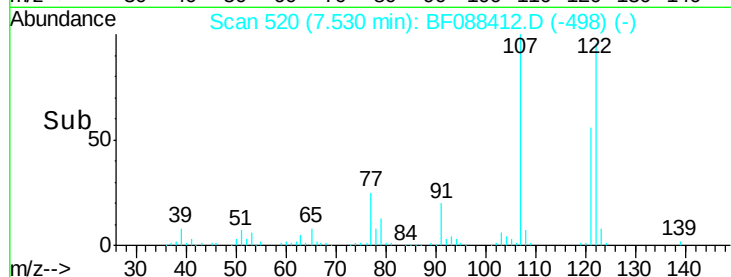
121 57.9 46.3 69.5



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: 38.16 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.05 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

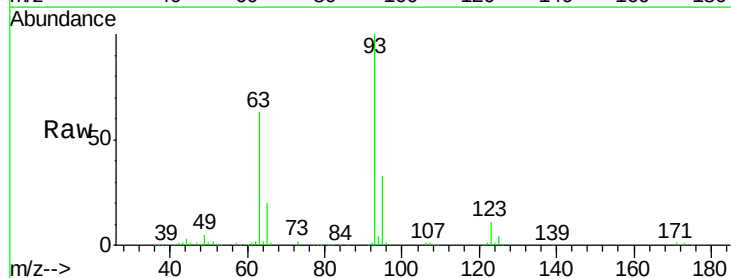
Tgt Ion: 93 Resp: 328298

Ion Ratio Lower Upper

93 100

95 33.0 26.5 39.7

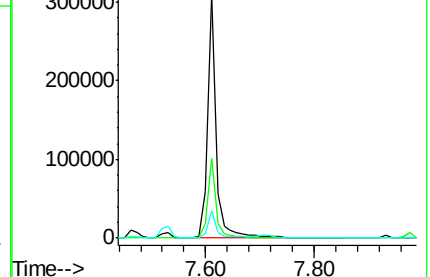
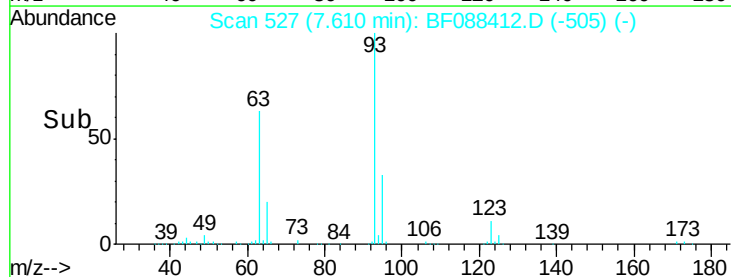
123 11.1 11.6 17.4#

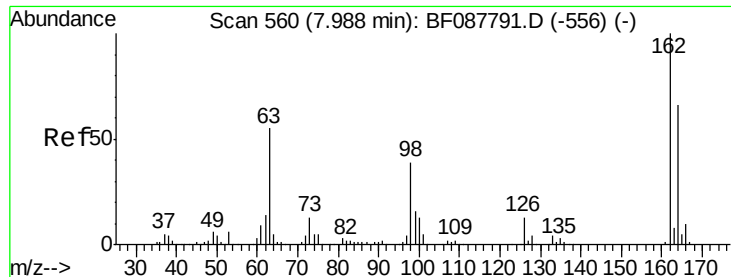


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

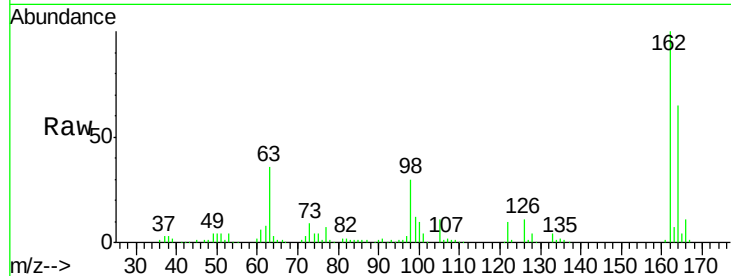




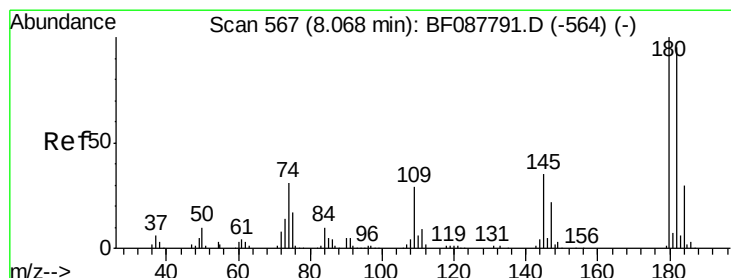
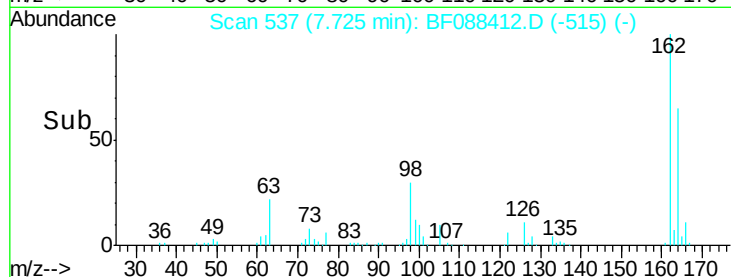
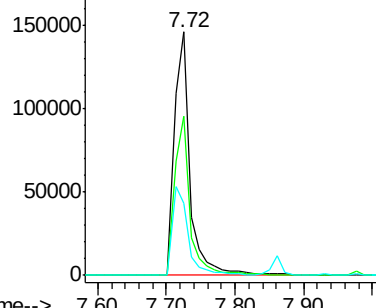
#29
 2,4-Dichlorophenol
 Concen: 38.60 ng
 RT: 7.72 min Scan# 537
 Delta R.T. -0.05 min
 Lab File: BF088412.D
 Acq: 26 Jun 2016 12:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	43.8	83.8
98	29.8	21.3	61.3

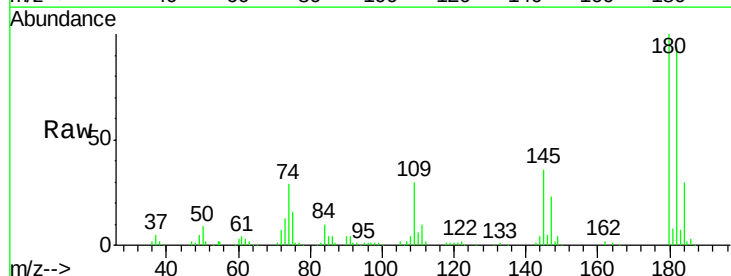


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

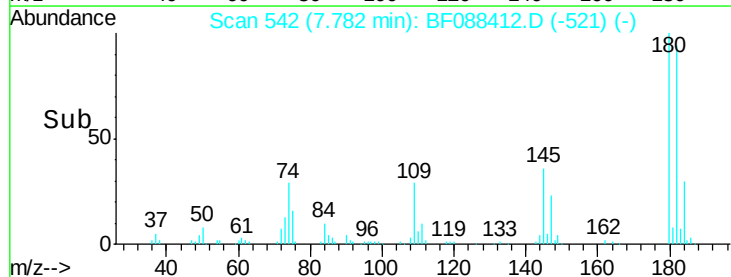
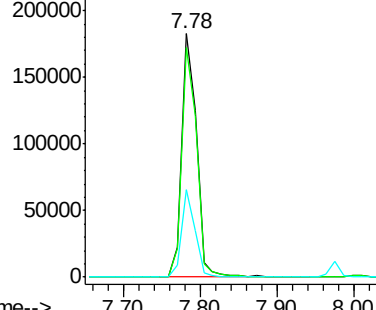


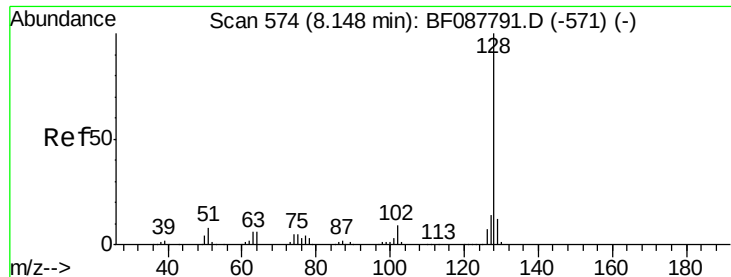
#30
 1,2,4-Trichlorobenzene
 Concen: 37.31 ng
 RT: 7.78 min Scan# 542
 Delta R.T. -0.06 min
 Lab File: BF088412.D
 Acq: 26 Jun 2016 12:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.0	114.0
145	36.1	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: 37.29 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.06 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

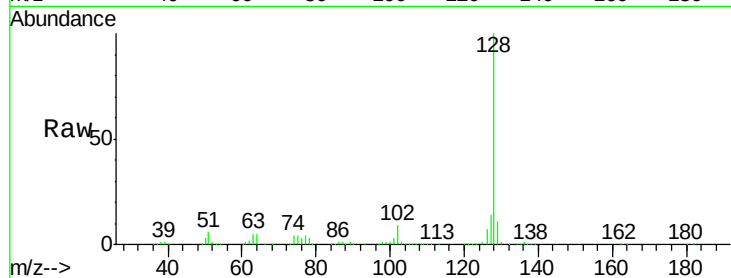
Tot Ion:128 Resp: 806998

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.2

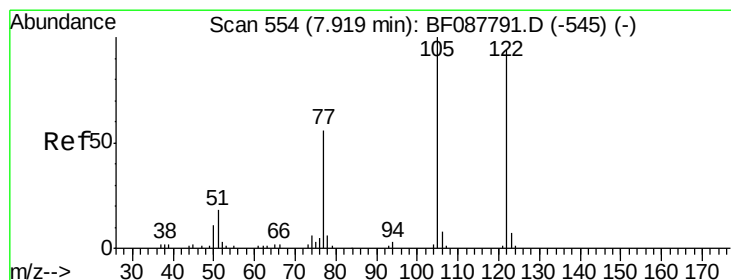
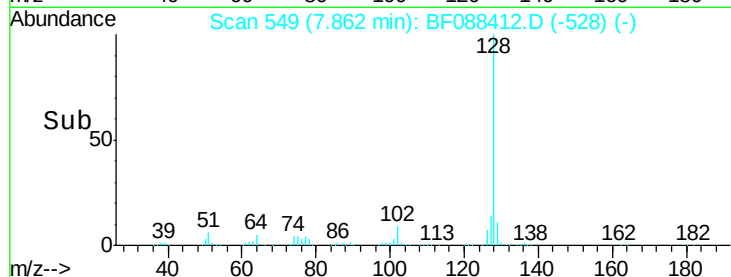
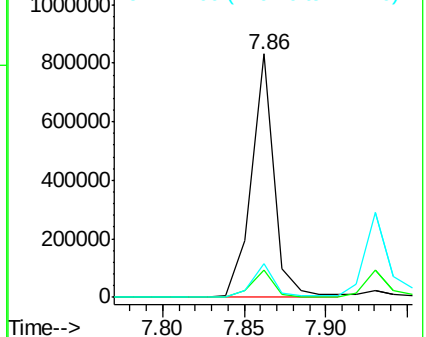
127 13.6 10.9 16.3



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: 32.78 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.01 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

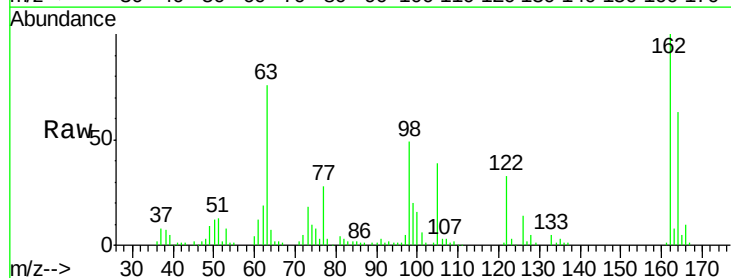
Tgt Ion:122 Resp: 129148

Ion Ratio Lower Upper

122 100

105 116.3 101.6 141.6

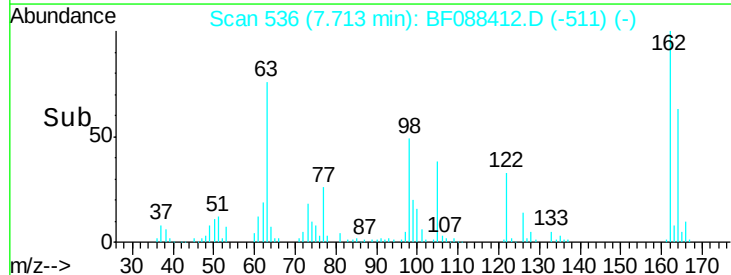
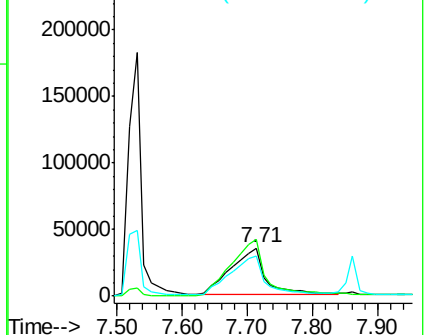
77 83.9 70.6 110.6

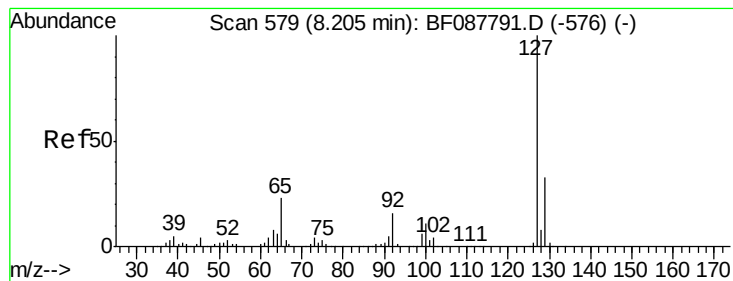


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 36.83 ng

RT: 7.93 min Scan# 555

Delta R.T. -0.05 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 355945

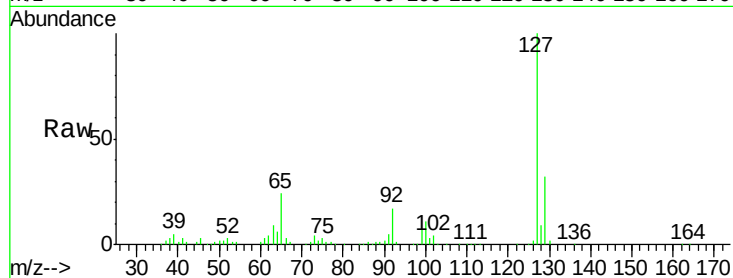
Ion Ratio Lower Upper

127 100

129 32.3 26.3 39.5

65 23.6 24.7 37.1#

92 16.8 15.4 23.0

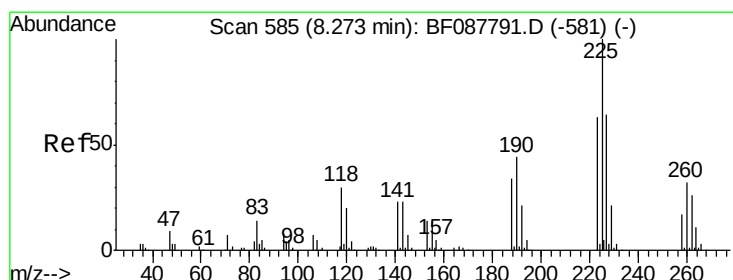
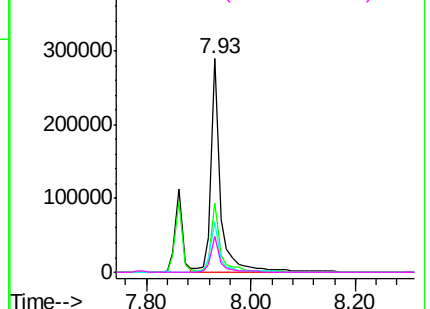
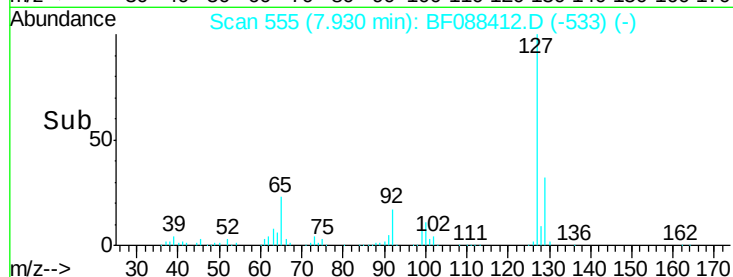


Abundance Ion 127.00 (126.70 to 127.70): E

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: 35.34 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.06 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

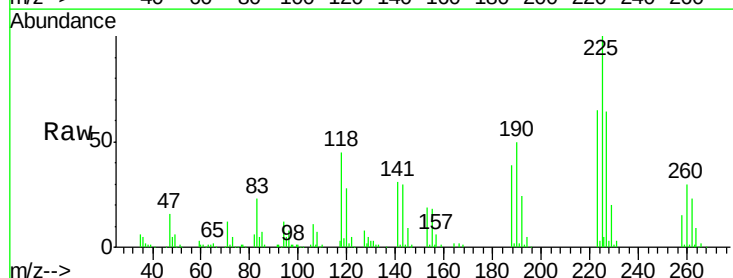
Tgt Ion:225 Resp: 121228

Ion Ratio Lower Upper

225 100

223 64.7 50.9 76.3

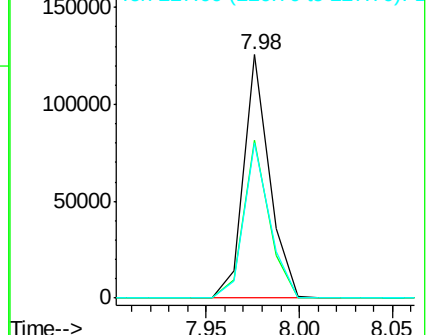
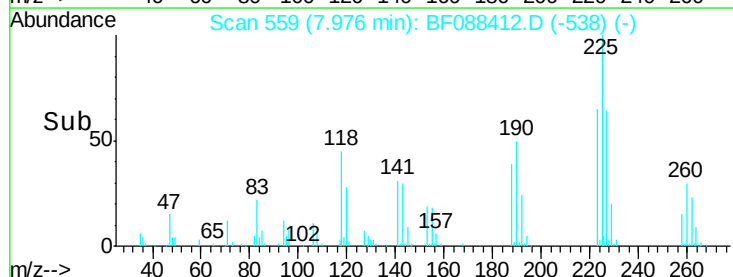
227 63.5 51.9 77.9

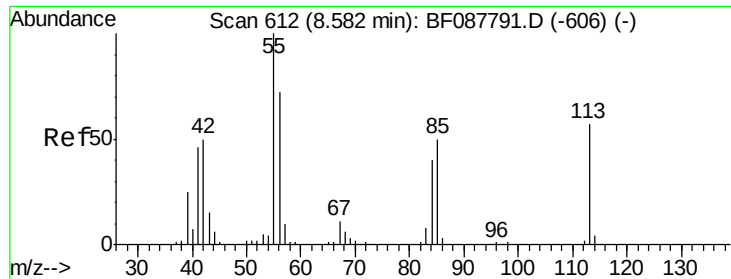


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

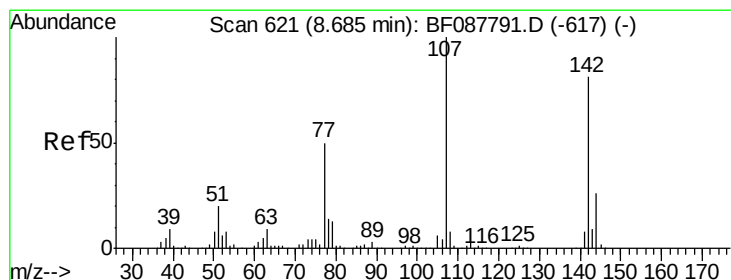
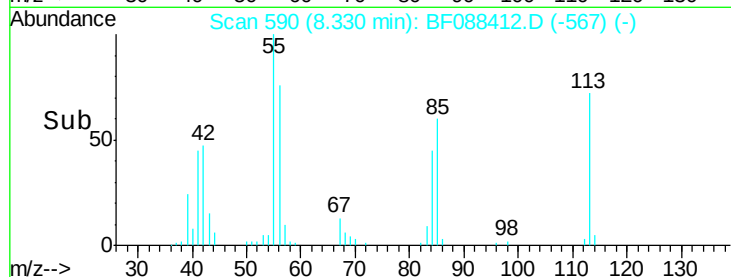
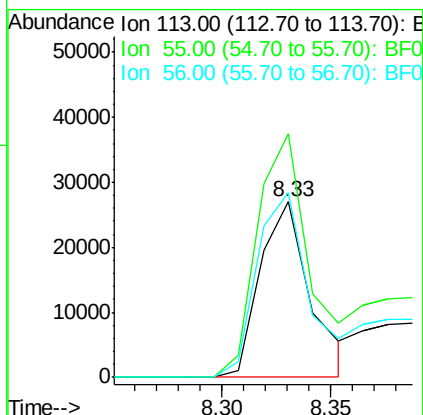
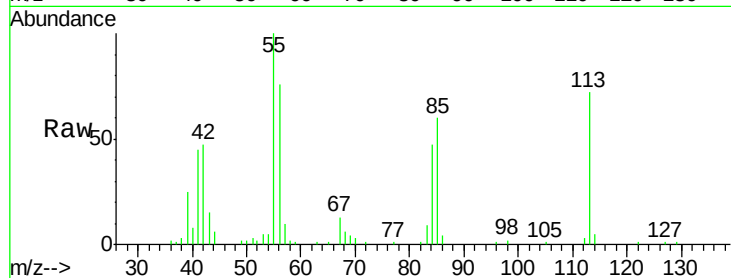




#35
 Caprolactam
 Concen: 21.90 ng
 RT: 8.33 min Scan# 590
 Delta R.T. -0.03 min
 Lab File: BF088412.D
 Acq: 26 Jun 2016 12:07

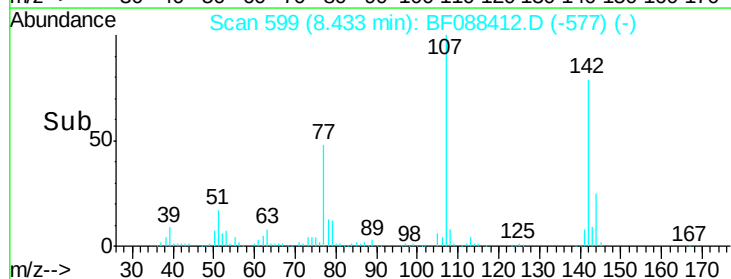
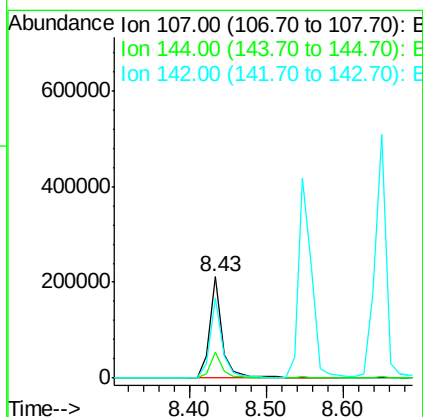
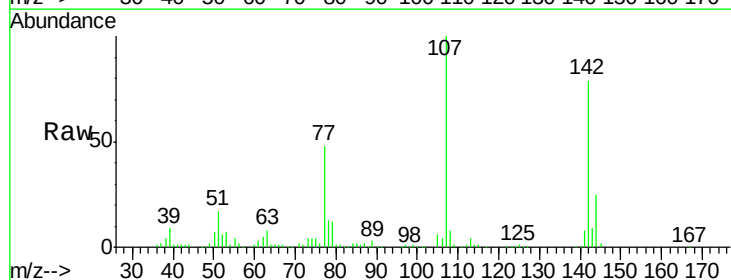
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

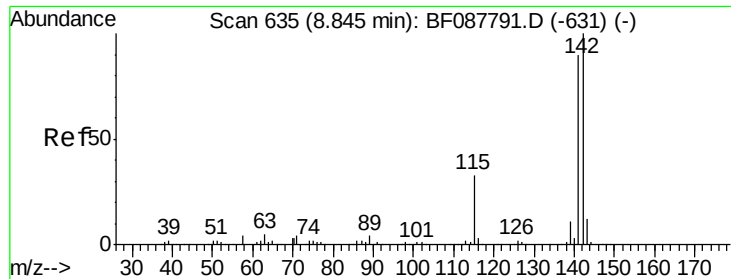
Tot Ion:113 Resp: 43333
 Ion Ratio Lower Upper
 113 100
 55 138.9 158.6 198.6#
 56 105.4 110.6 150.6#



#36
 4-Chloro-3-methylphenol
 Concen: 37.67 ng
 RT: 8.43 min Scan# 599
 Delta R.T. -0.05 min
 Lab File: BF088412.D
 Acq: 26 Jun 2016 12:07

Tgt Ion:107 Resp: 240642
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.8 31.2
 142 79.4 63.4 95.2

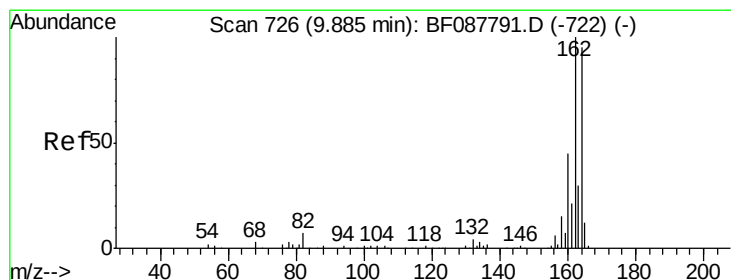
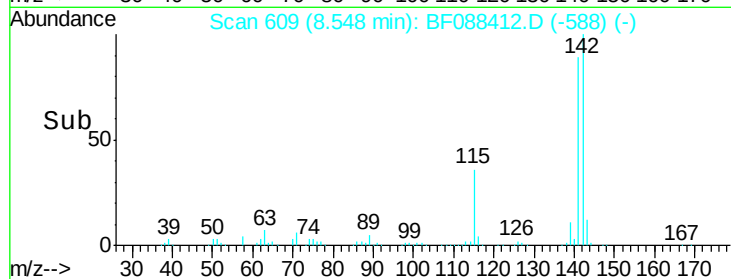
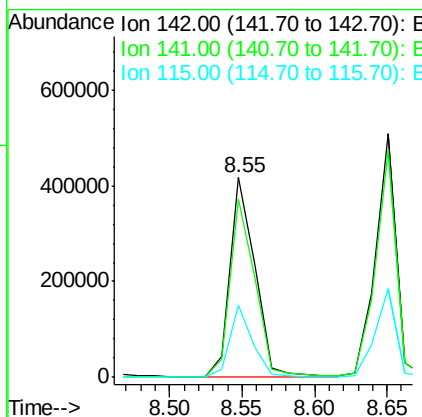
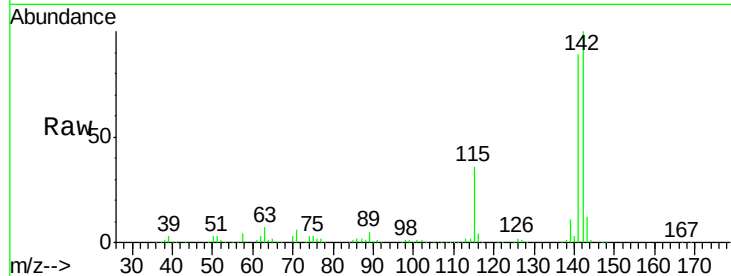




#37
 2-Methylnaphthalene
 Concen: 35.23 ng
 RT: 8.55 min Scan# 609
 Delta R.T. -0.06 min
 Lab File: BF088412.D
 Acq: 26 Jun 2016 12:07

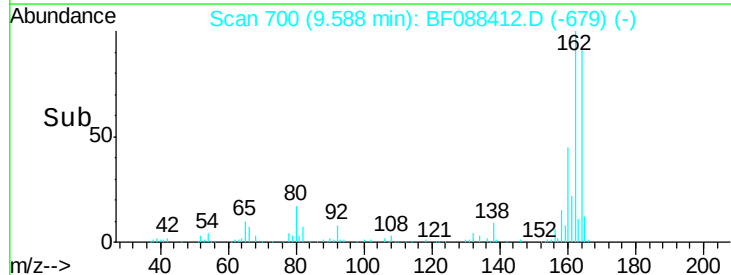
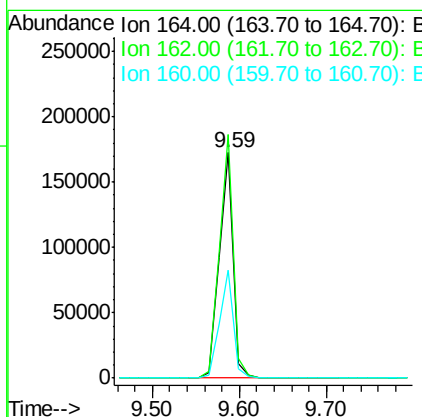
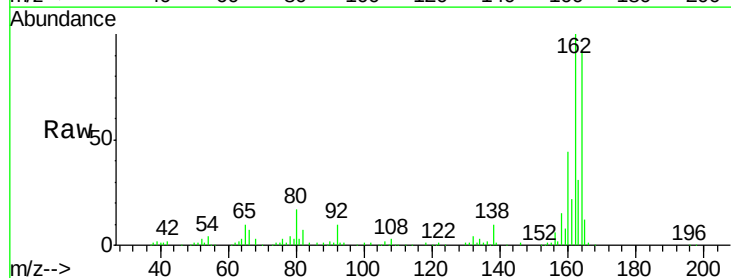
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

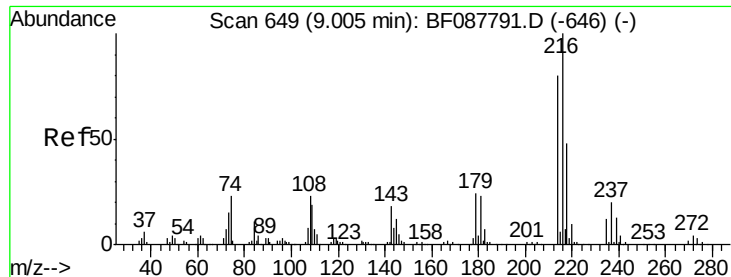
Tot Ion:142 Resp: 502557
 Ion Ratio Lower Upper
 142 100
 141 89.2 71.0 106.6
 115 35.9 22.6 33.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.06 min
 Lab File: BF088412.D
 Acq: 26 Jun 2016 12:07

Tgt Ion:164 Resp: 196265
 Ion Ratio Lower Upper
 164 100
 162 108.2 85.4 128.2
 160 48.1 39.5 59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.73 ng

RT: 8.72 min Scan# 624

Delta R.T. -0.06 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 218460

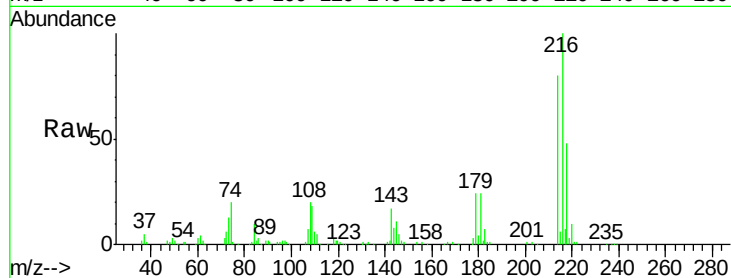
Ion Ratio Lower Upper

216 100

214 79.7 2.9 4.3#

179 23.4 0.0 0.0#

108 23.0 0.5 0.7#

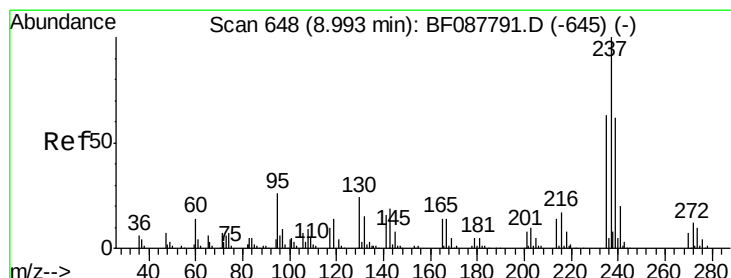
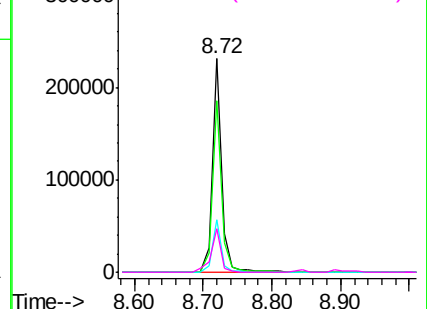
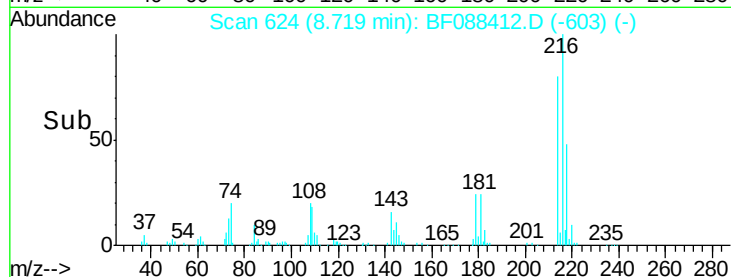


Abundance Ion 216.00 (215.70 to 216.70): E

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: 42.82 ng

RT: 8.71 min Scan# 623

Delta R.T. -0.05 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

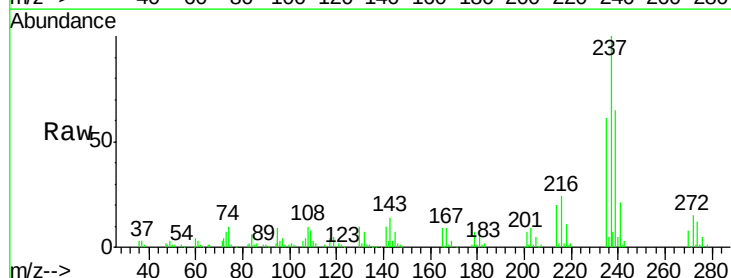
Tgt Ion:237 Resp: 135554

Ion Ratio Lower Upper

237 100

235 60.7 43.4 83.4

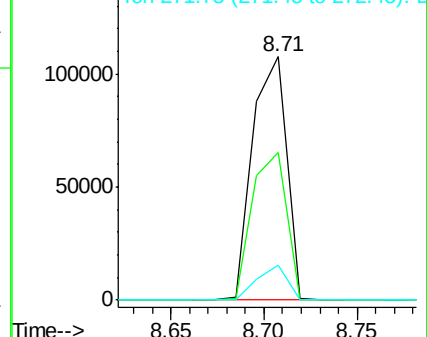
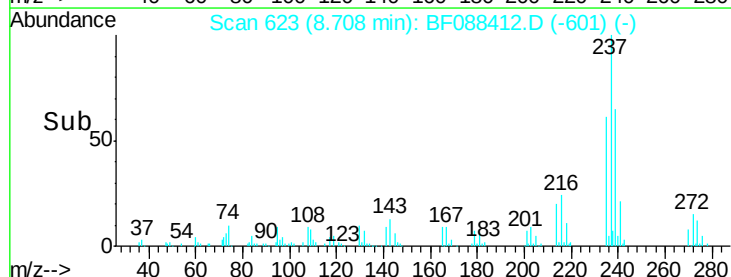
272 14.6 0.0 32.3

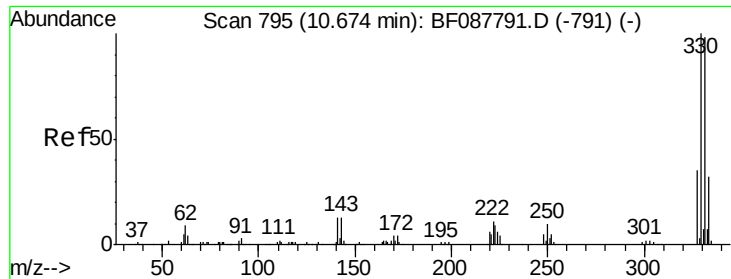


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

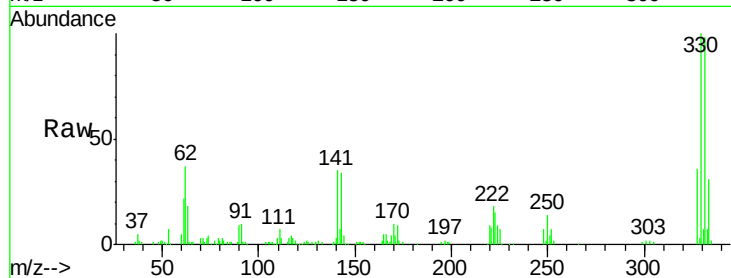




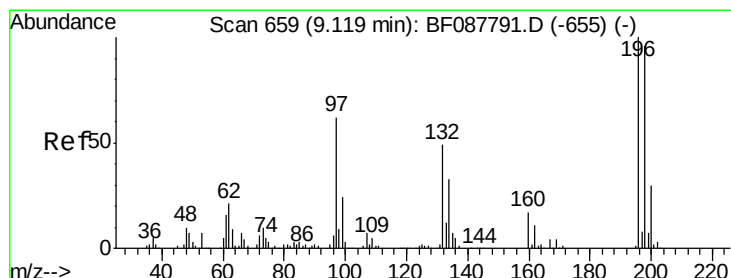
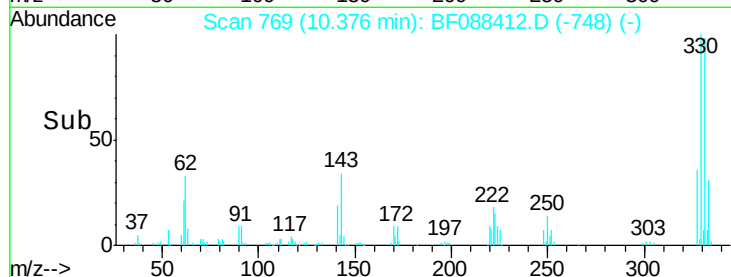
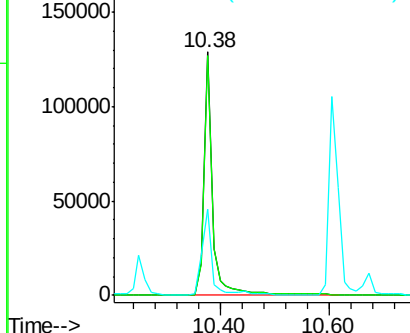
#41
 2,4,6-Tribromophenol
 Concen: 68.61 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.06 min
 Lab File: BF088412.D
 Acq: 26 Jun 2016 12:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 142174
 Ion Ratio Lower Upper
 330 100
 332 97.7 0.0 0.0#
 141 38.8 0.0 0.0#

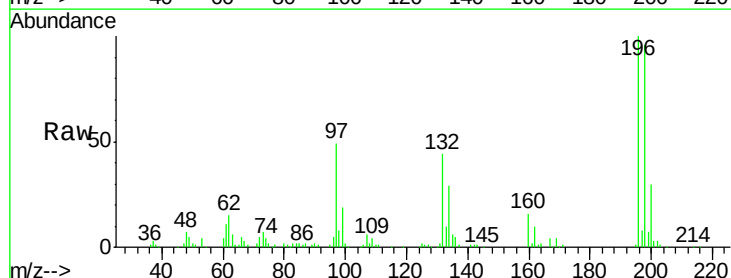


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

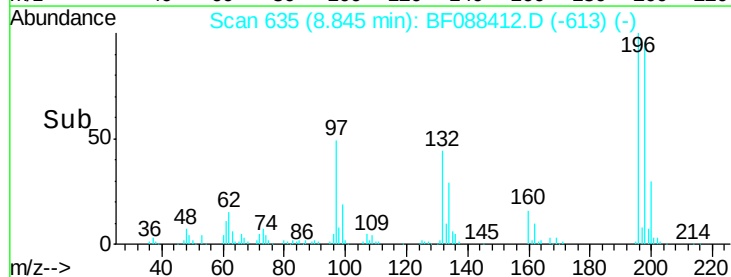
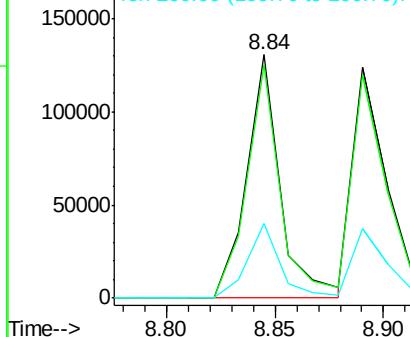


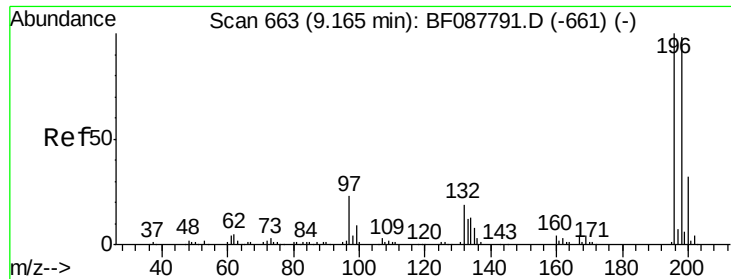
#42
 2,4,6-Trichlorophenol
 Concen: 35.64 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.05 min
 Lab File: BF088412.D
 Acq: 26 Jun 2016 12:07

Tgt Ion:196 Resp: 139871
 Ion Ratio Lower Upper
 196 100
 198 96.1 78.0 117.0
 200 30.5 25.4 38.2



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

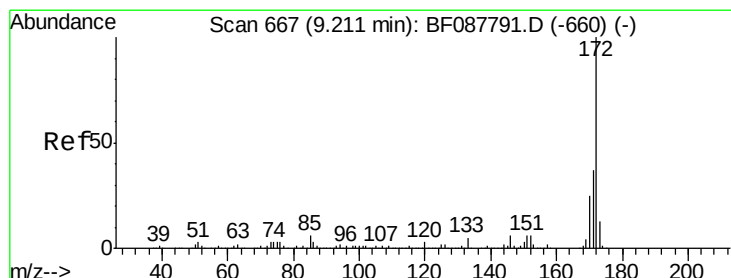
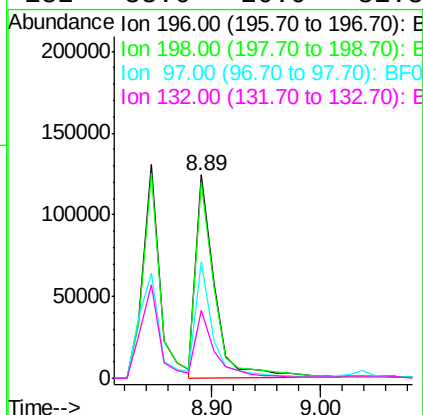
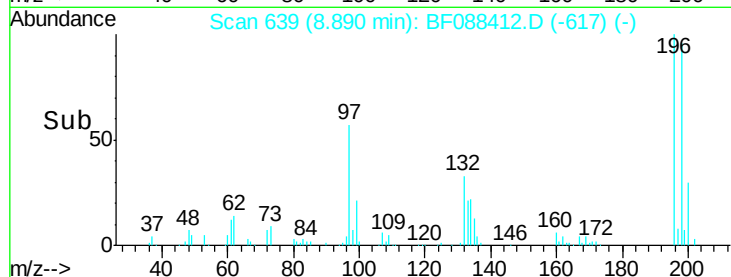
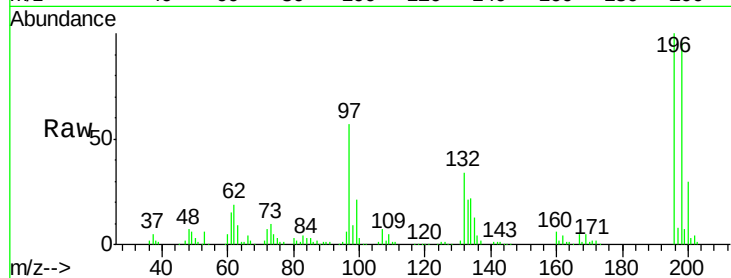




#43
 2,4,5-Trichlorophenol
 Concen: 36.28 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.05 min
 Lab File: BF088412.D
 Acq: 26 Jun 2016 12:07

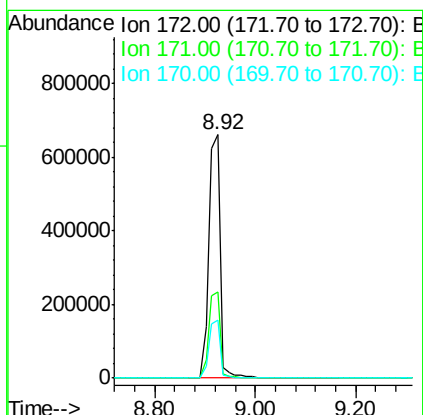
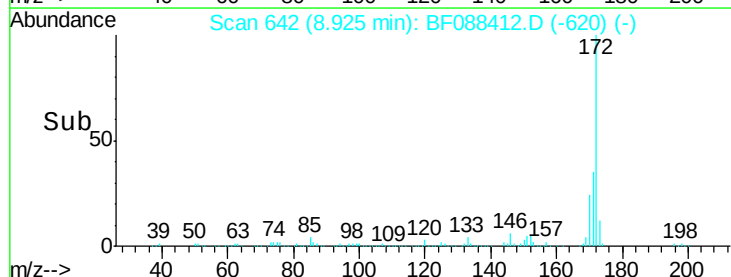
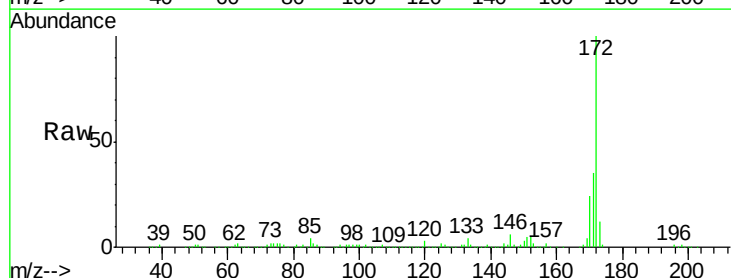
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

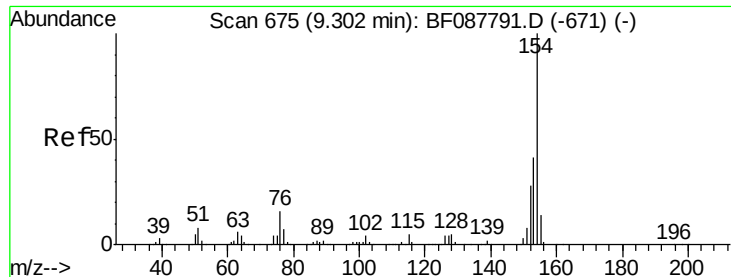
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.2	77.5	116.3
97	57.3	32.0	48.0#
132	33.6	20.9	31.3#



#44
 2-Fluorobiphenyl
 Concen: 82.58 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.05 min
 Lab File: BF088412.D
 Acq: 26 Jun 2016 12:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.9	19.2	28.8





#45

1,1'-Biphenyl

Concen: 42.67 ng

RT: 9.02 min Scan# 650

Delta R.T. -0.06 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

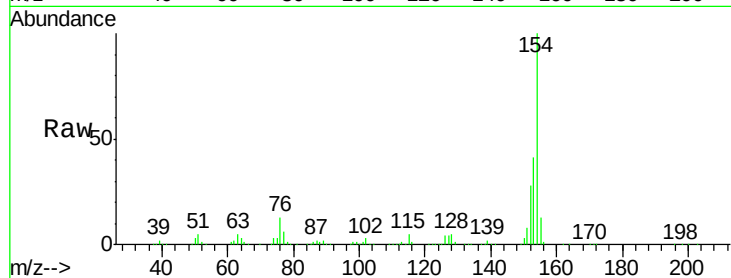
Tot Ion:154 Resp: 633280

Ion Ratio Lower Upper

154 100

153 40.9 20.6 60.6

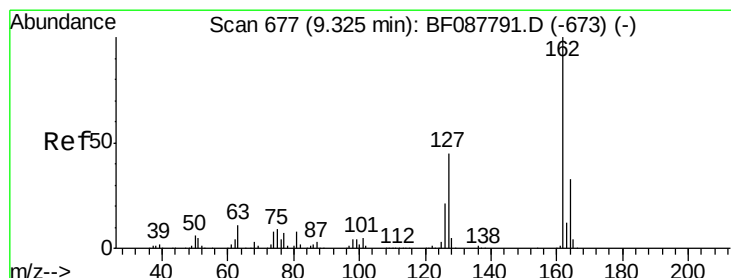
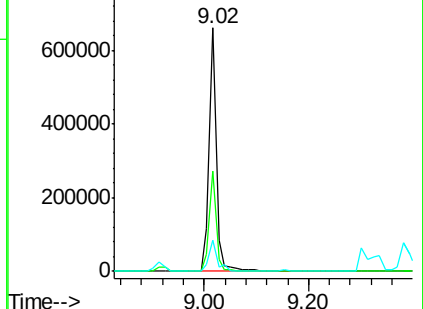
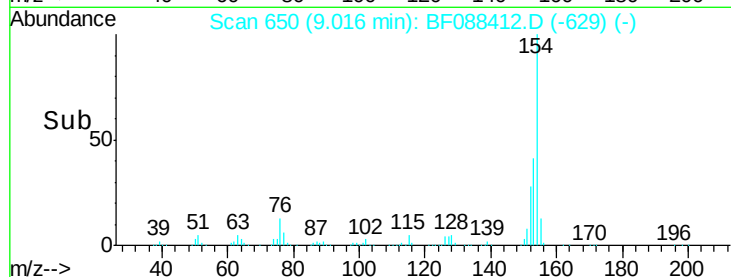
76 12.6 0.0 35.1



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: 39.45 ng

RT: 9.04 min Scan# 652

Delta R.T. -0.06 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

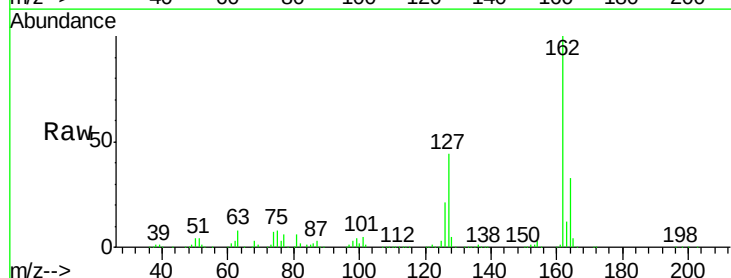
Tgt Ion:162 Resp: 501066

Ion Ratio Lower Upper

162 100

127 43.8 35.2 52.8

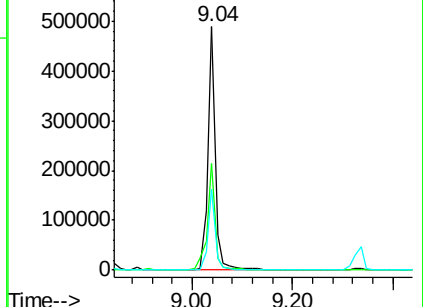
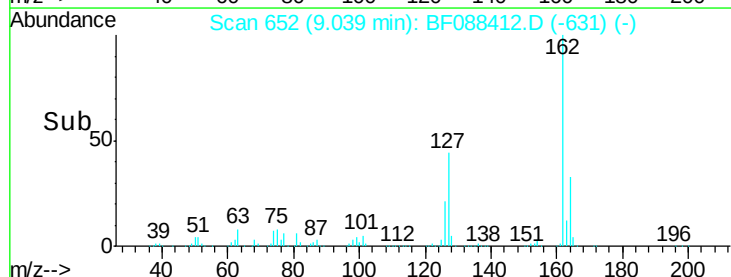
164 33.3 26.6 39.8

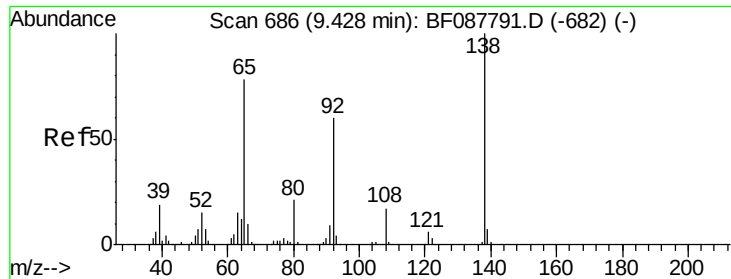


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

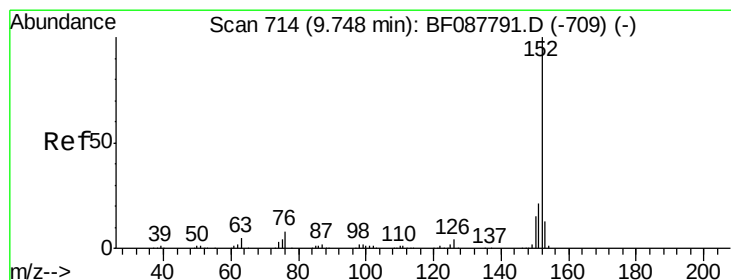
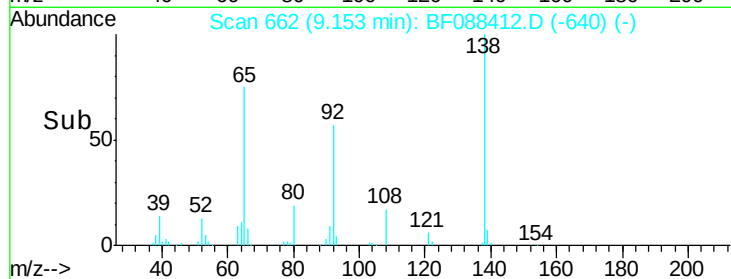
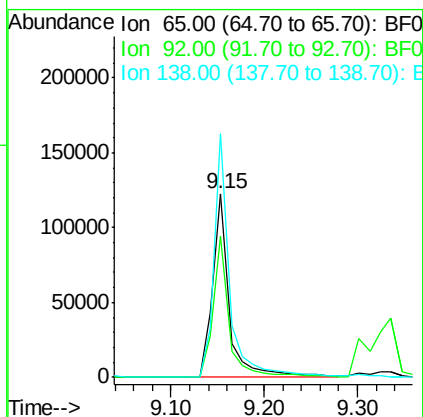
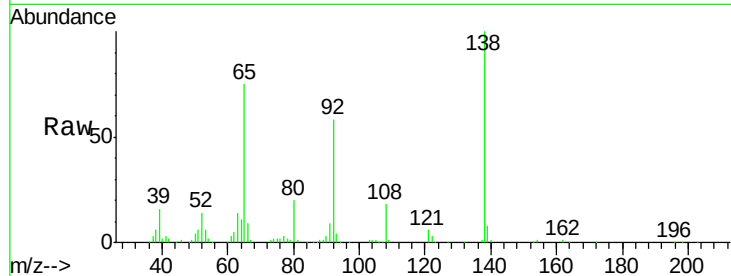




#47
2-Nitroaniline
Concen: 40.95 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.05 min
Lab File: BF088412.D
Acq: 26 Jun 2016 12:07

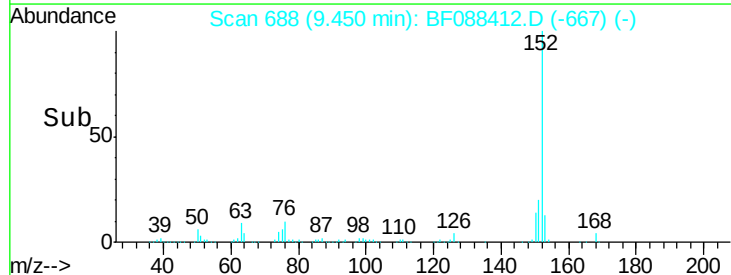
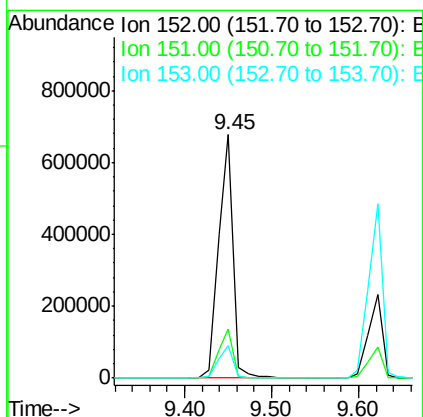
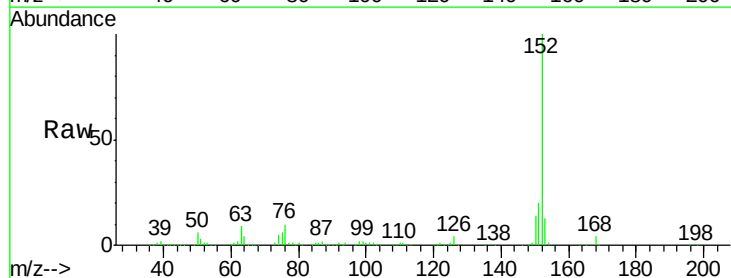
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

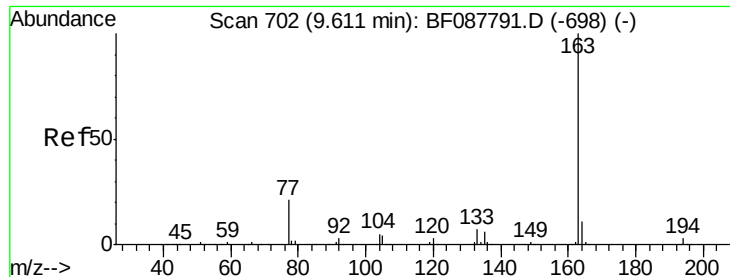
Tot Ion: 65 Resp: 153427
Ion Ratio Lower Upper
65 100
92 76.6 54.6 82.0
138 132.6 77.0 115.4#



#48
Acenaphthylene
Concen: 39.22 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.06 min
Lab File: BF088412.D
Acq: 26 Jun 2016 12:07

Tgt Ion: 152 Resp: 792260
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.1 11.0 16.6





#49

Dimethylphthalate

Concen: 42.68 ng

RT: 9.34 min Scan# 678

Delta R.T. -0.05 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

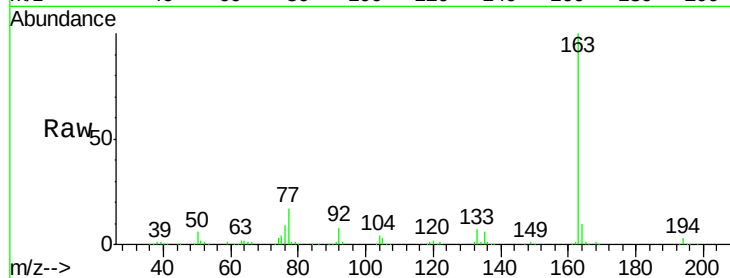
Tot Ion:163 Resp: 606849

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

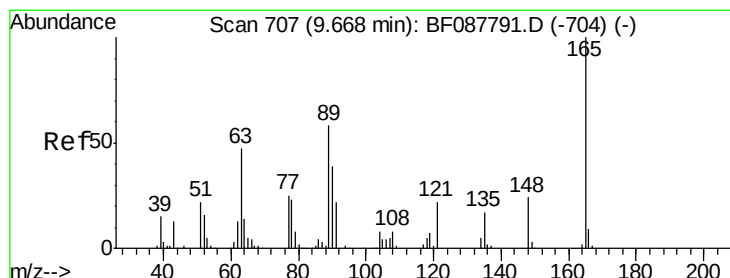
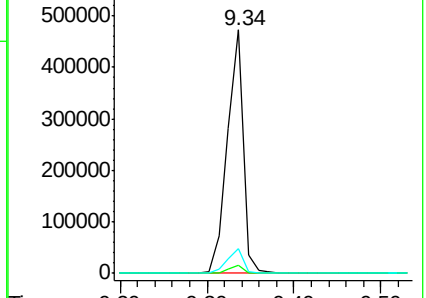
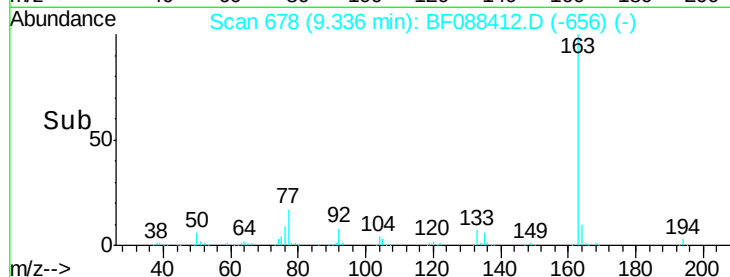
164 10.1 8.3 12.5



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: 36.57 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.06 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

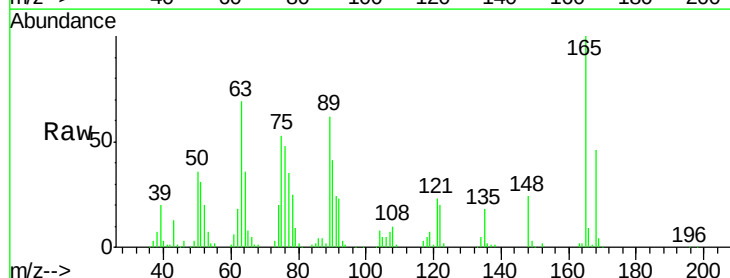
Tgt Ion:165 Resp: 119085

Ion Ratio Lower Upper

165 100

63 69.2 28.1 42.1#

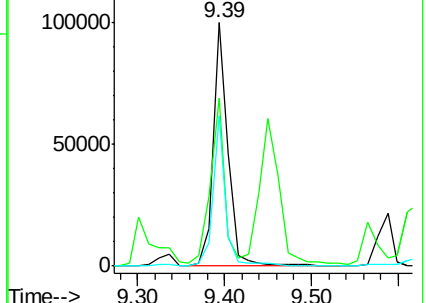
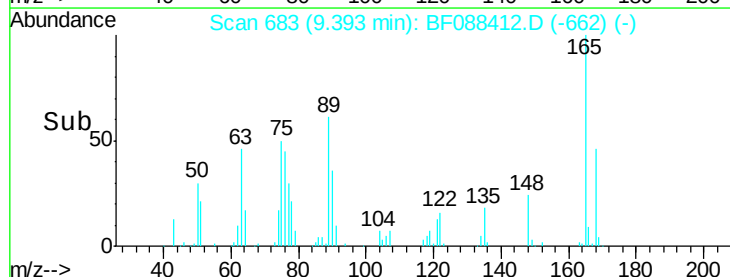
89 61.6 32.2 48.2#

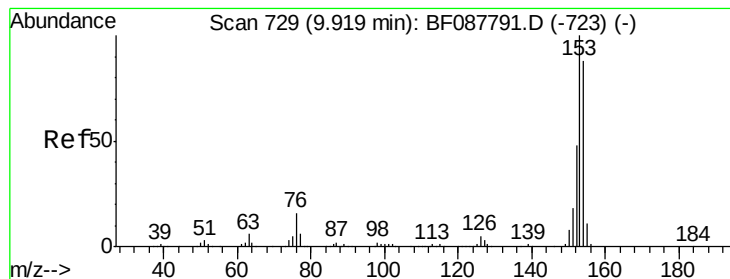


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.62 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.06 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

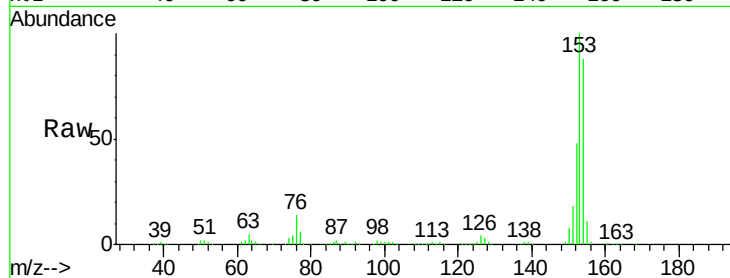
Tot Ion:154 Resp: 474142

Ion Ratio Lower Upper

154 100

153 113.1 89.5 134.3

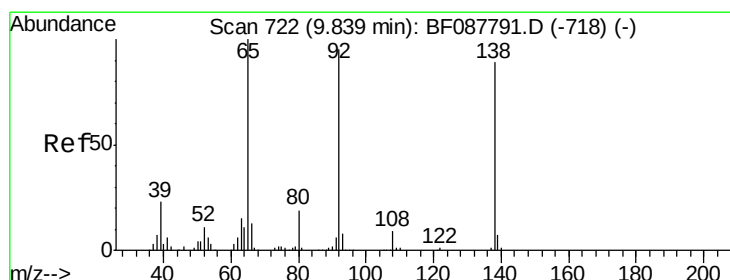
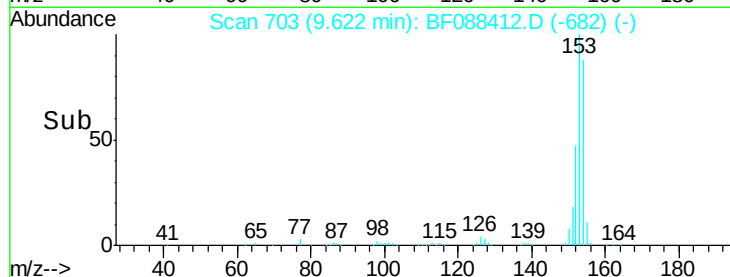
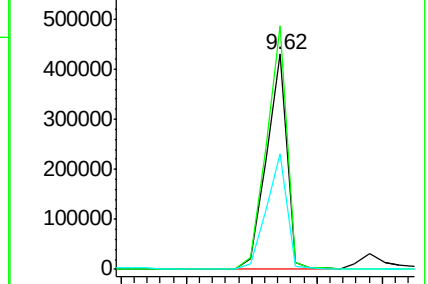
152 54.0 42.7 64.1



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: 38.43 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.05 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

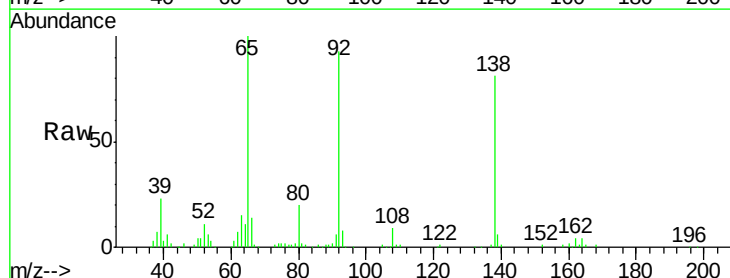
Tgt Ion:138 Resp: 144376

Ion Ratio Lower Upper

138 100

108 10.7 8.5 12.7

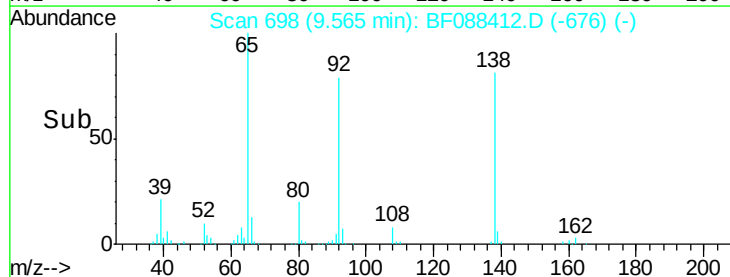
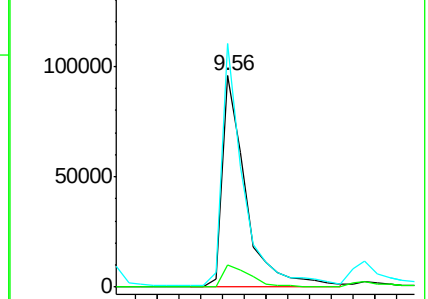
92 115.3 95.7 143.5

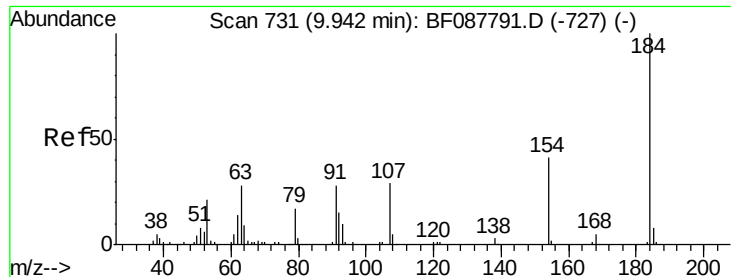


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

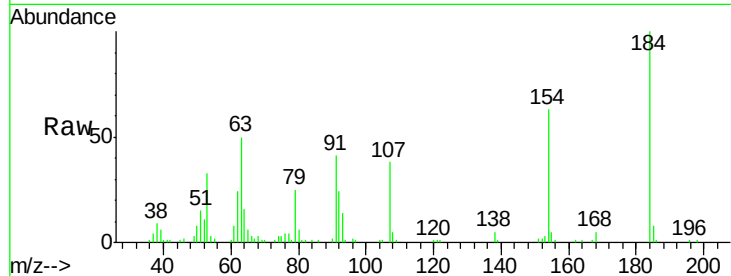




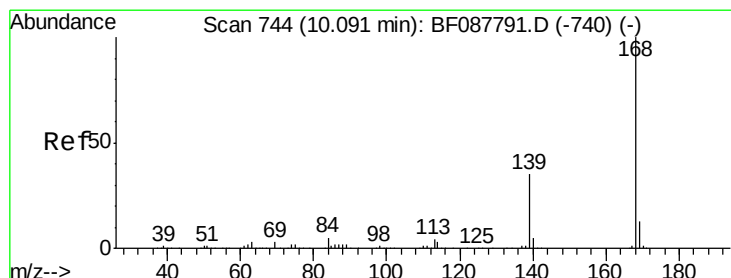
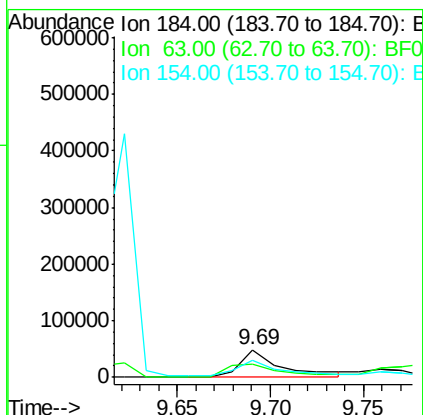
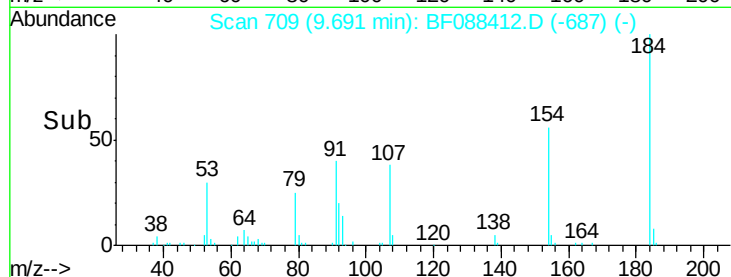
#53
2,4-Dinitrophenol
Concen: 48.12 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.05 min
Lab File: BF088412.D
Acq: 26 Jun 2016 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 76234
Ion Ratio Lower Upper
184 100
63 49.7 57.6 86.4#
154 63.0 53.5 80.3

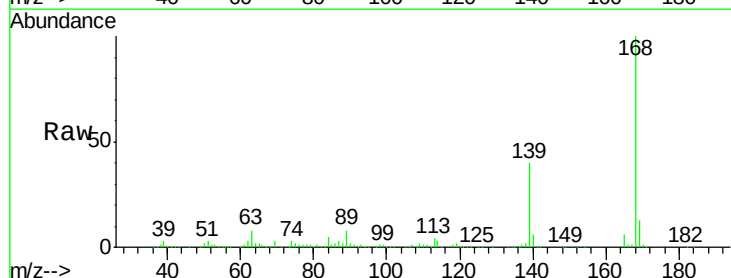


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

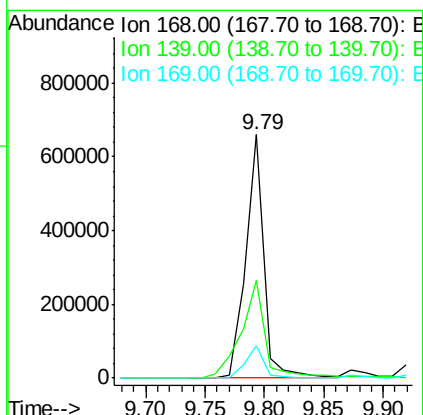
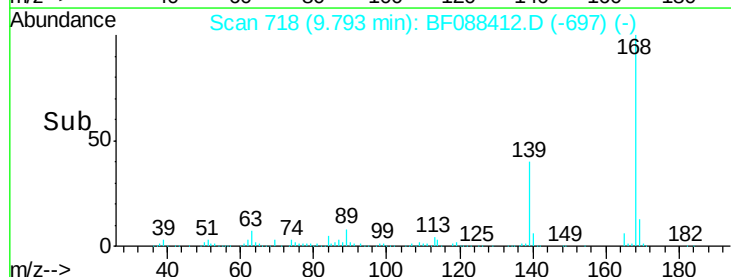


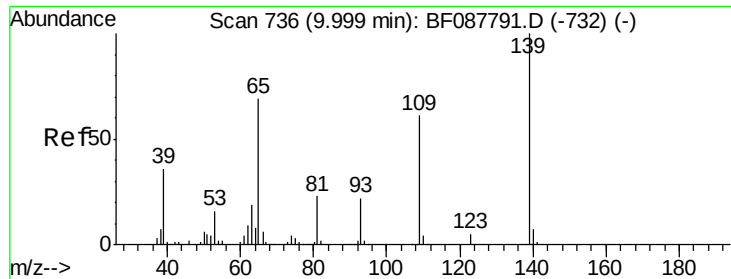
#54
Dibenzofuran
Concen: 40.64 ng
RT: 9.79 min Scan# 718
Delta R.T. -0.06 min
Lab File: BF088412.D
Acq: 26 Jun 2016 12:07

Tgt Ion:168 Resp: 705271
Ion Ratio Lower Upper
168 100
139 40.3 26.4 39.6#
169 13.2 10.4 15.6



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

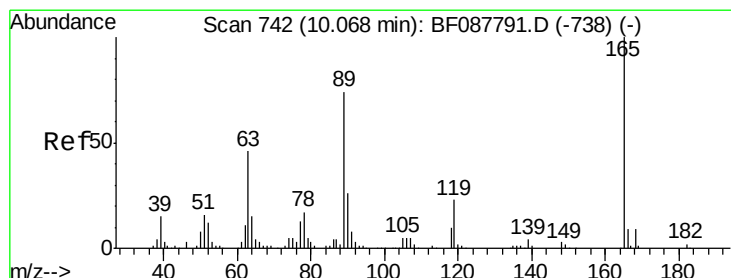
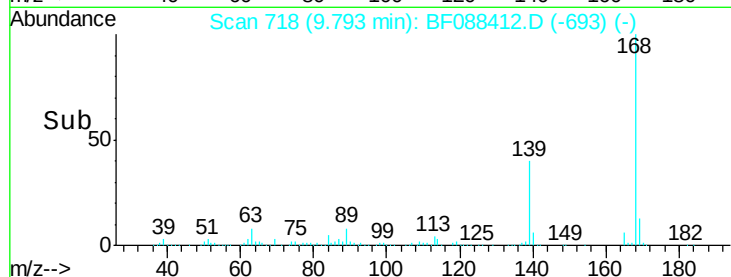
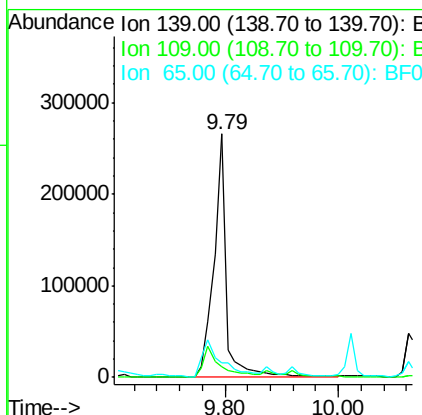
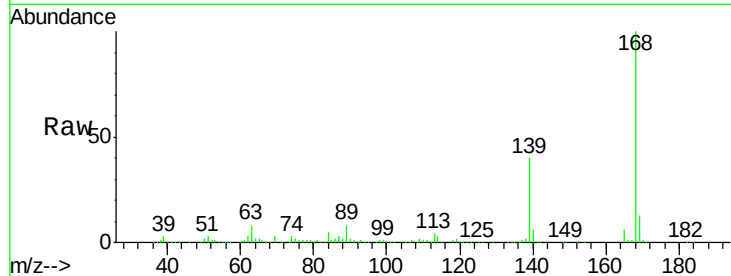




#55
4-Nitrophenol
Concen: 137.93 ng
RT: 9.79 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF088412.D
Acq: 26 Jun 2016 12:07

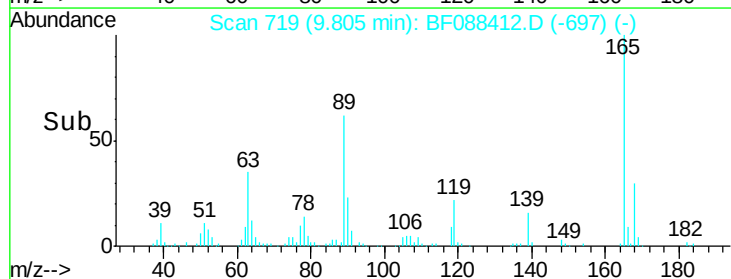
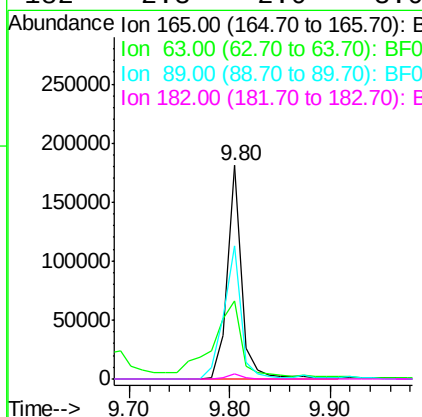
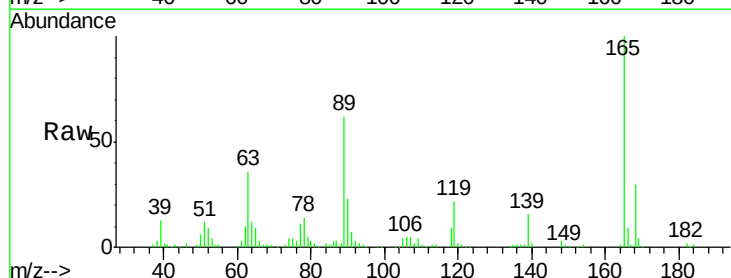
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

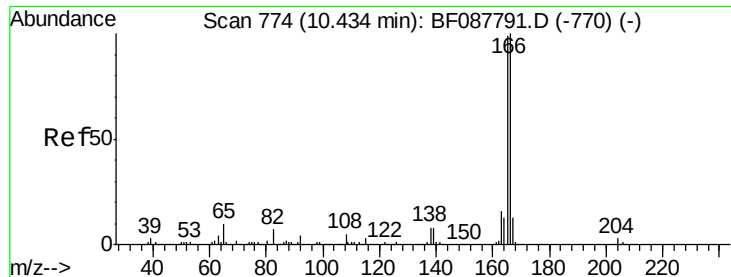
Tot Ion:139 Resp: 402214
Ion Ratio Lower Upper
139 100
109 4.3 48.9 88.9#
65 6.1 84.9 124.9#



#56
2,4-Dinitrotoluene
Concen: 43.54 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.05 min
Lab File: BF088412.D
Acq: 26 Jun 2016 12:07

Tgt Ion:165 Resp: 182172
Ion Ratio Lower Upper
165 100
63 36.3 22.0 33.0#
89 62.3 41.1 61.7#
182 2.3 2.0 3.0





#57

Fluorene

Concen: 43.94 ng

RT: 10.14 min Scan# 748

Delta R.T. -0.06 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

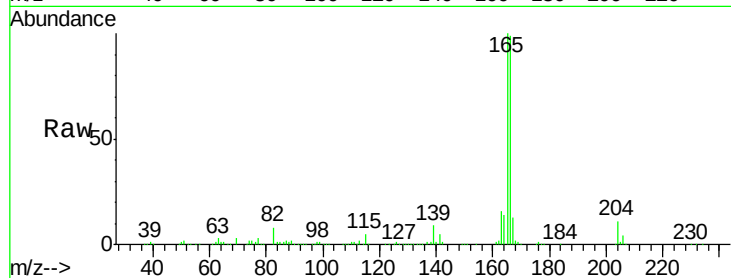
Tot Ion:166 Resp: 516661

Ion Ratio Lower Upper

166 100

165 100.6 77.8 116.8

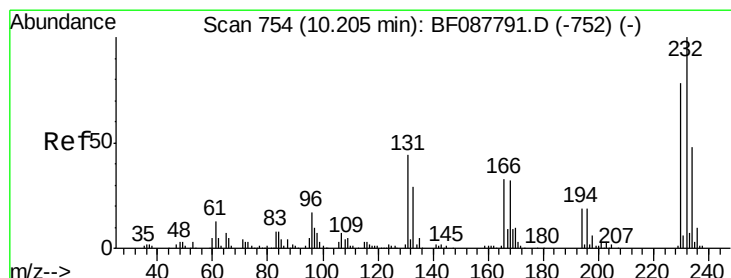
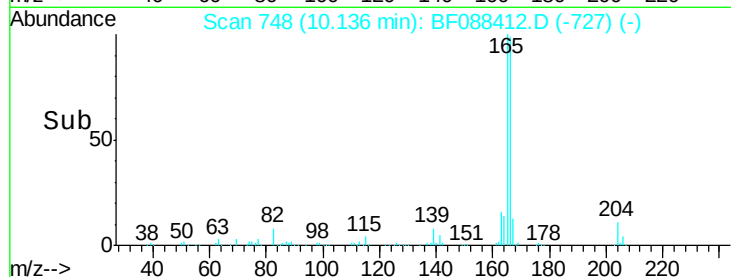
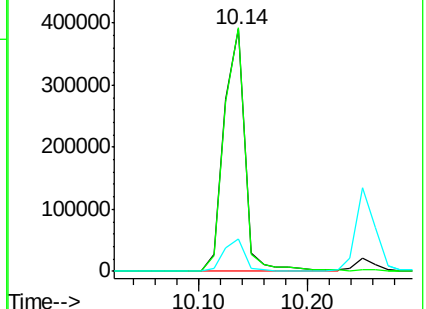
167 13.2 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.76 ng

RT: 9.92 min Scan# 729

Delta R.T. -0.06 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

Tgt Ion:232 Resp: 124390

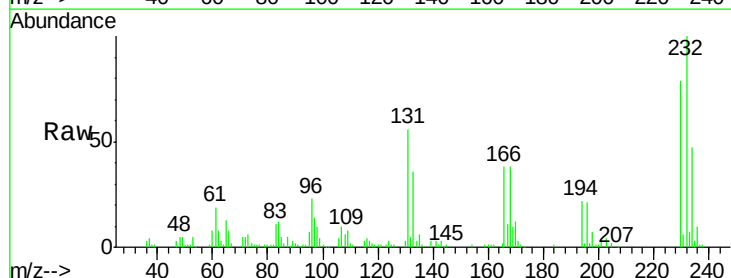
Ion Ratio Lower Upper

232 100

131 46.4 0.9 1.3#

130 2.4 1.5 2.3#

166 33.2 0.5 0.7#

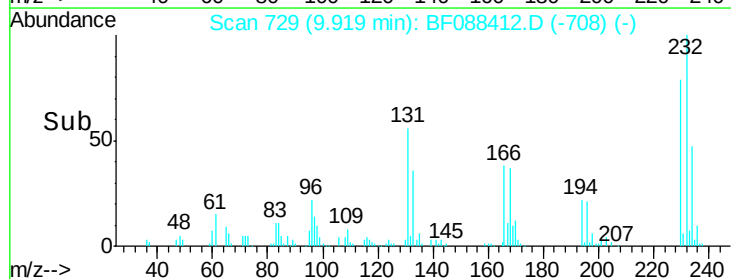
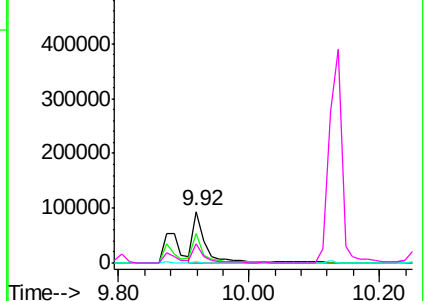


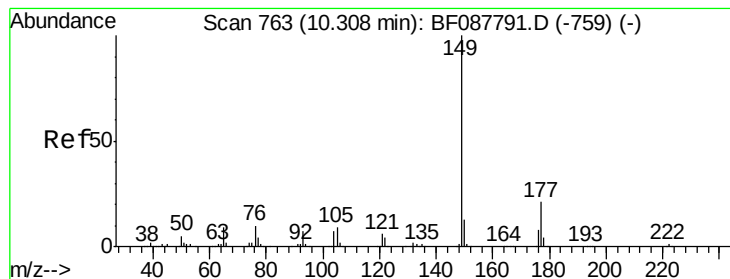
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 36.57 ng

RT: 10.02 min Scan# 738

Delta R.T. -0.06 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

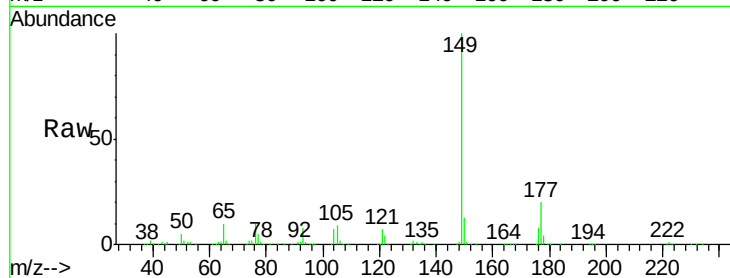
Tot Ion:149 Resp: 526297

Ion Ratio Lower Upper

149 100

177 19.9 16.9 25.3

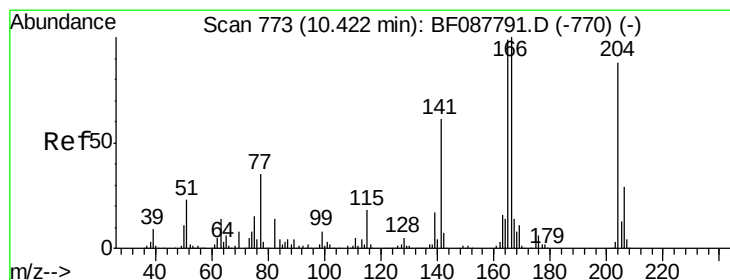
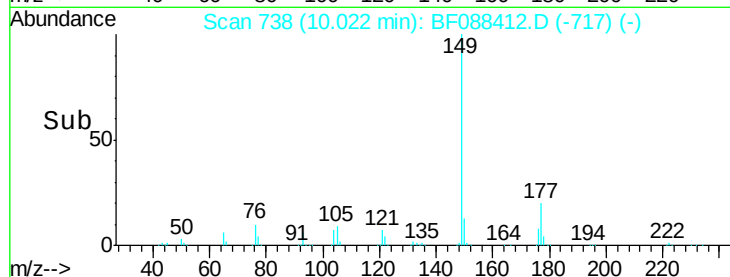
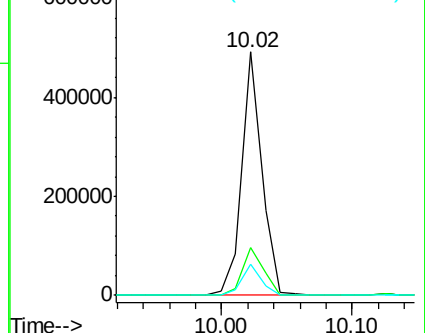
150 12.8 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 36.04 ng

RT: 10.12 min Scan# 747

Delta R.T. -0.06 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

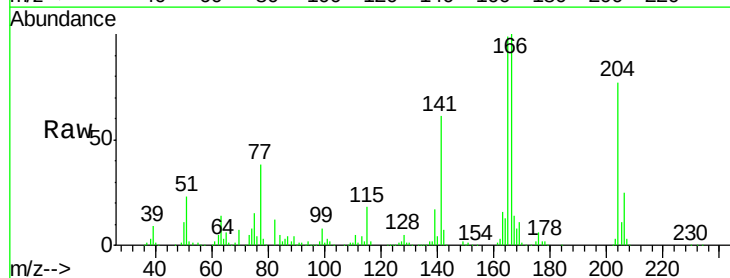
Tgt Ion:204 Resp: 208014

Ion Ratio Lower Upper

204 100

206 32.5 26.3 39.5

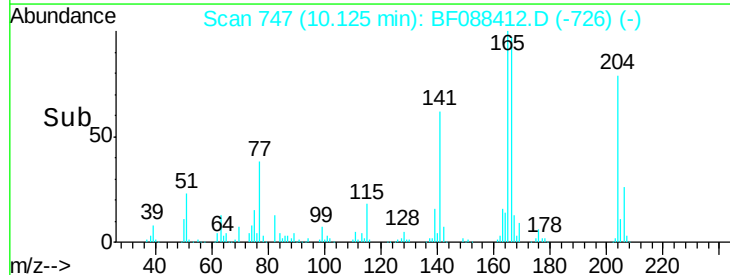
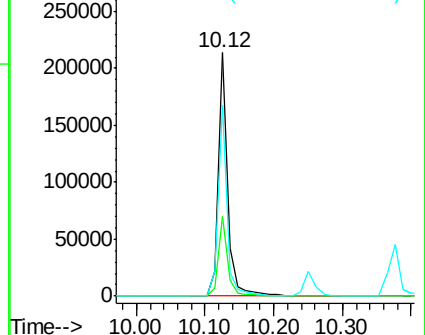
141 78.6 55.0 82.6

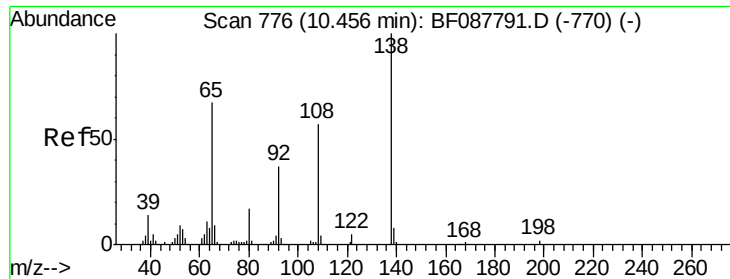


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.62 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.03 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

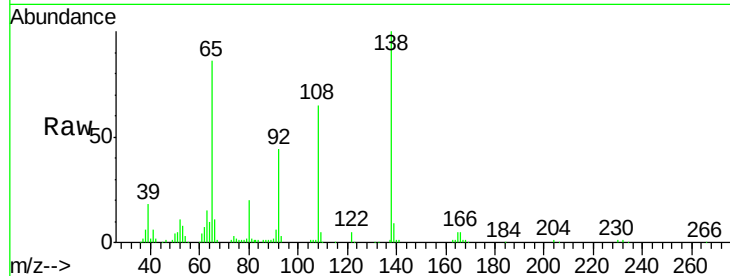
Tot Ion:138 Resp: 151878

Ion Ratio Lower Upper

138 100

92 44.2 27.3 67.3

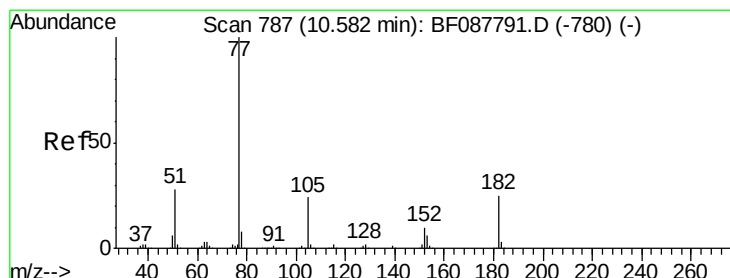
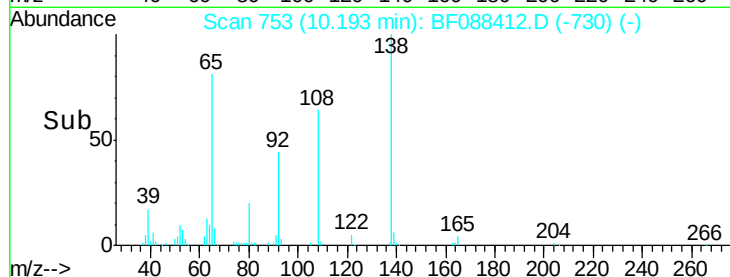
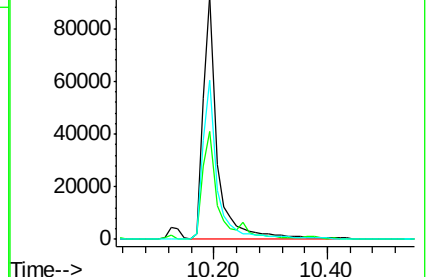
108 65.2 46.7 86.7



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: 39.07 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.06 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

Tgt Ion: 77 Resp: 556053

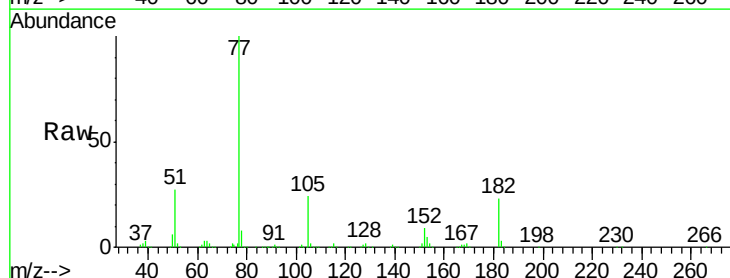
Ion Ratio Lower Upper

77 100

182 22.6 4.4 44.4

105 23.7 3.8 43.8

51 26.7 9.3 49.3

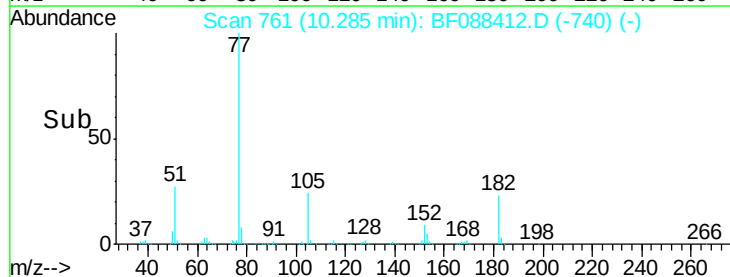
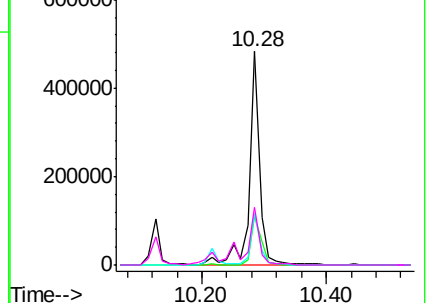


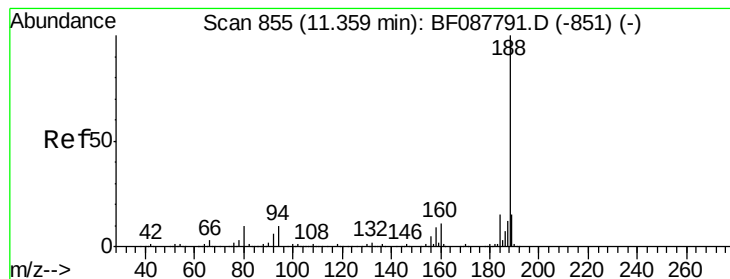
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.06 min Scan# 829

Delta R.T. -0.06 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

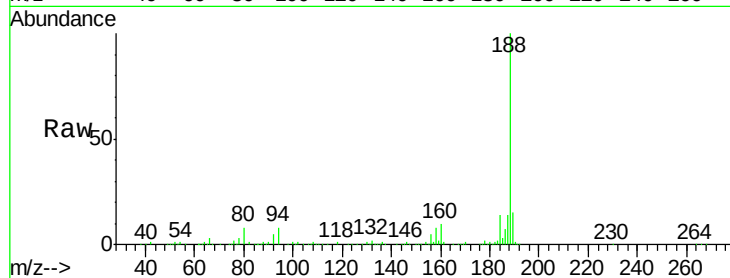
Tot Ion:188 Resp: 381369

Ion Ratio Lower Upper

188 100

94 8.0 9.0 13.6#

80 8.3 10.0 15.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

11.06

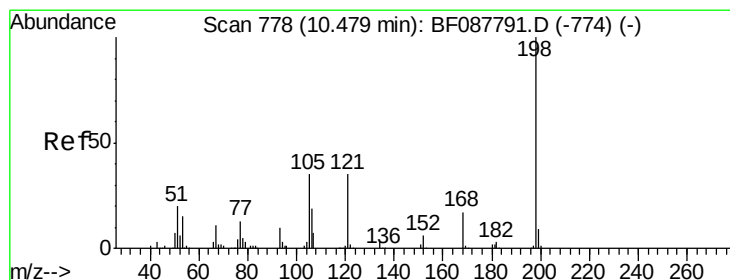
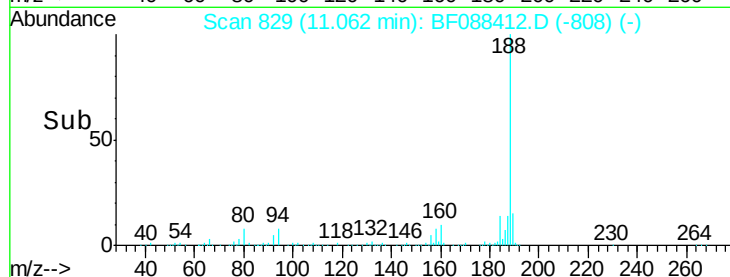
300000

200000

100000

0

Time--> 11.00 11.20



#64

4,6-Dinitro-2-methylphenol

Concen: 41.30 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.05 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

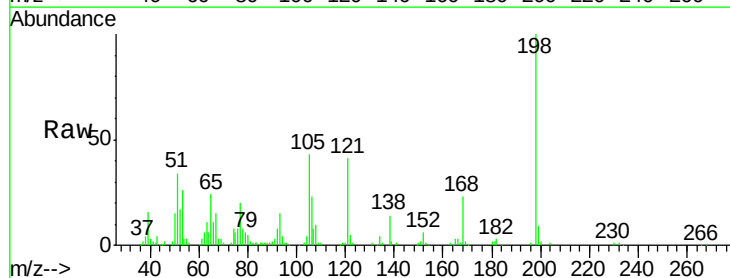
Tgt Ion:198 Resp: 97571

Ion Ratio Lower Upper

198 100

51 34.1 39.6 79.6#

105 42.8 36.6 76.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

10.22

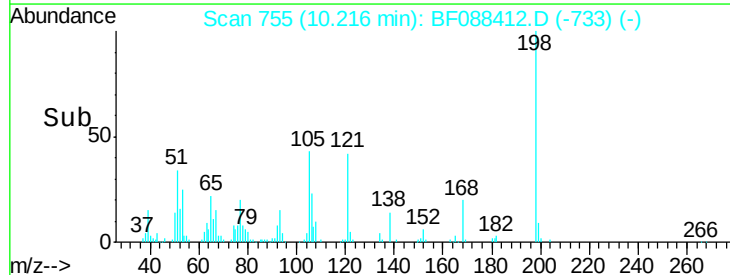
150000

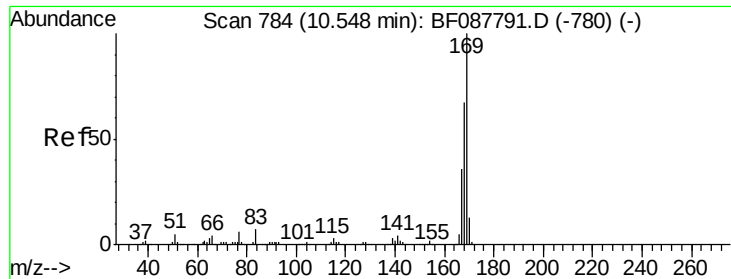
100000

50000

0

Time--> 10.20 10.40





#65

n-Nitrosodiphenylamine

Concen: 36.00 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.06 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

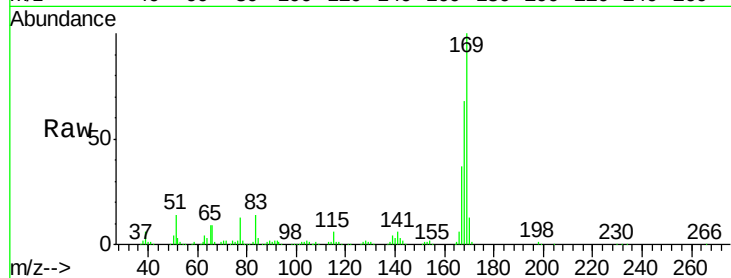
Tot Ion:169 Resp: 455551

Ion Ratio Lower Upper

169 100

168 67.6 53.4 80.0

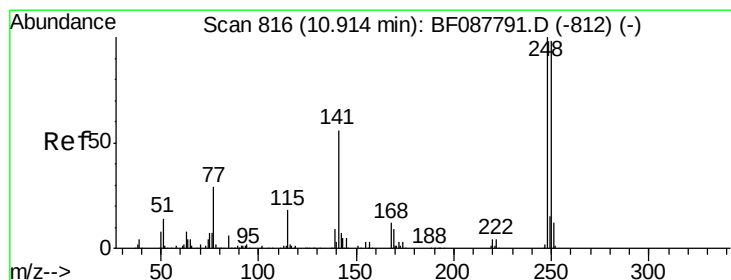
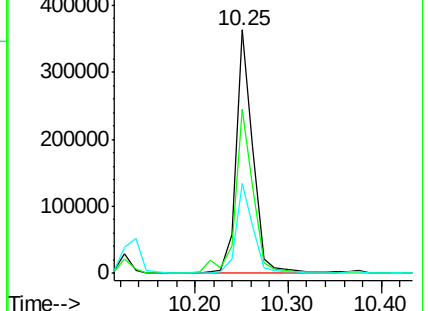
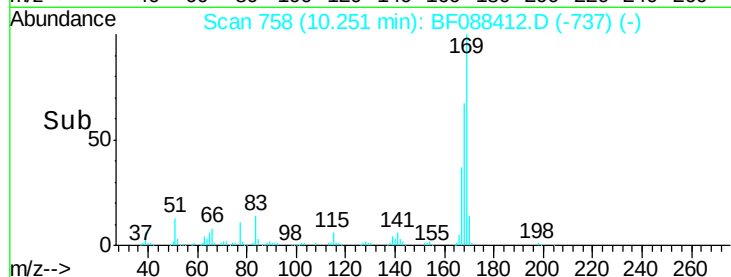
167 37.2 29.4 44.0



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: 38.55 ng

RT: 10.62 min Scan# 790

Delta R.T. -0.06 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

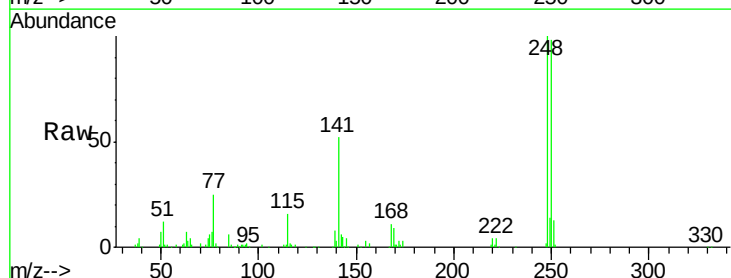
Tgt Ion:248 Resp: 157743

Ion Ratio Lower Upper

248 100

250 98.1 77.1 115.7

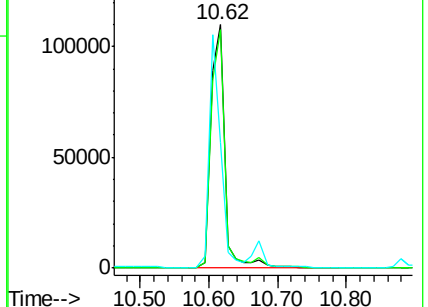
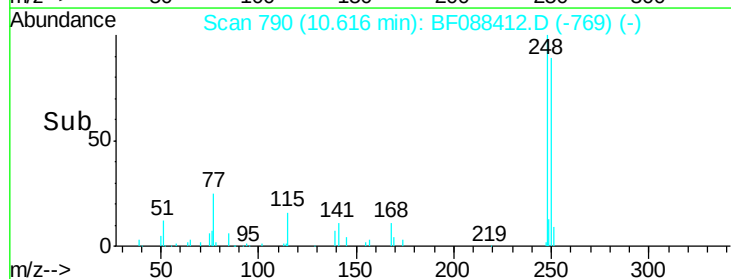
141 51.9 50.6 76.0

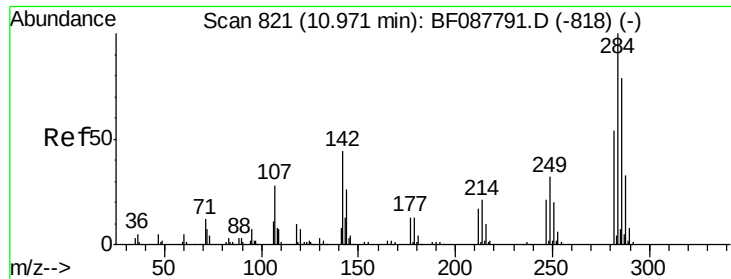


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 34.81 ng

RT: 10.67 min Scan# 795

Delta R.T. -0.06 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

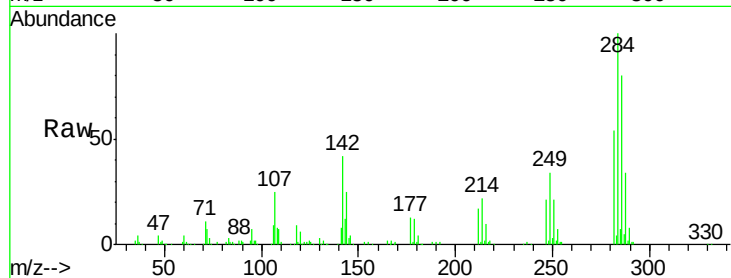
Tot Ion:284 Resp: 147990

Ion	Ratio	Lower	Upper
284	100		
142	42.3	35.8	53.8
249	33.6	25.8	38.6

284 100

142 42.3 35.8 53.8

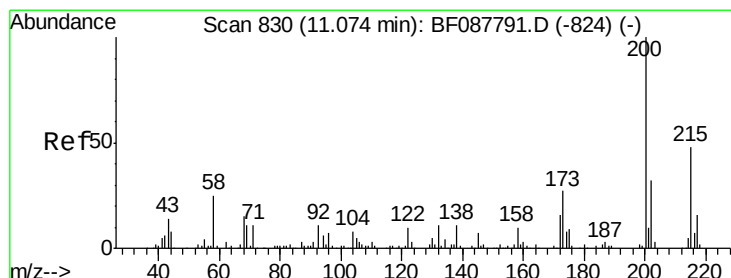
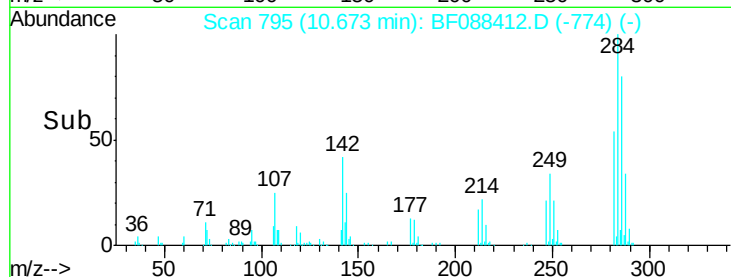
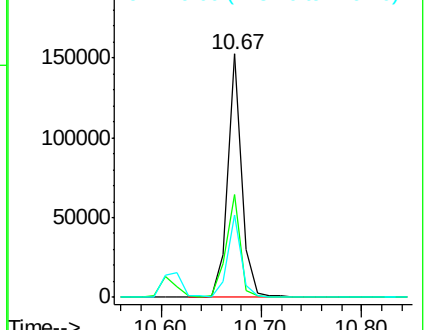
249 33.6 25.8 38.6



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: 34.80 ng

RT: 10.79 min Scan# 805

Delta R.T. -0.06 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

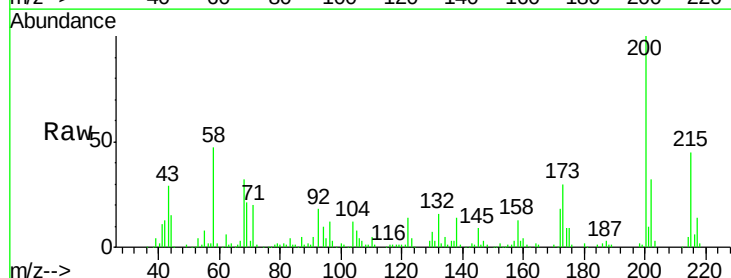
Tgt Ion:200 Resp: 133337

Ion	Ratio	Lower	Upper
200	100		
173	29.7	4.0	44.0
215	45.1	29.3	69.3

200 100

173 29.7 4.0 44.0

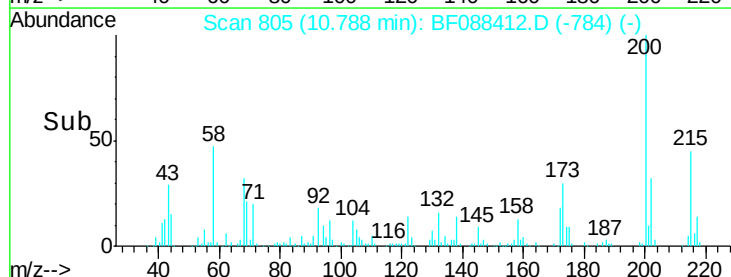
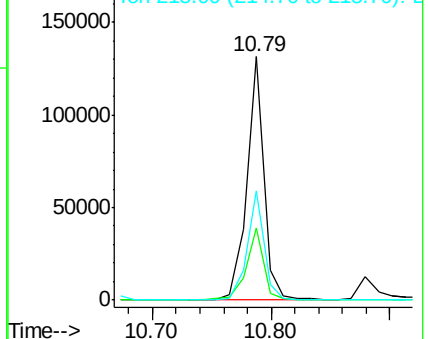
215 45.1 29.3 69.3

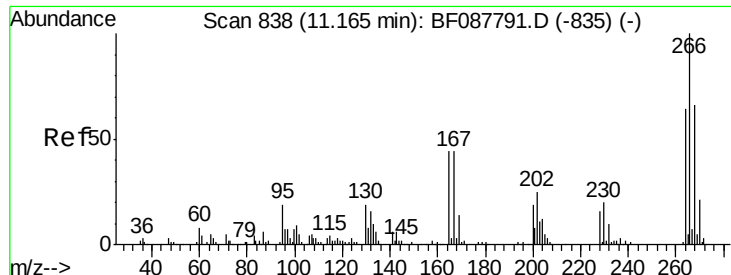


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

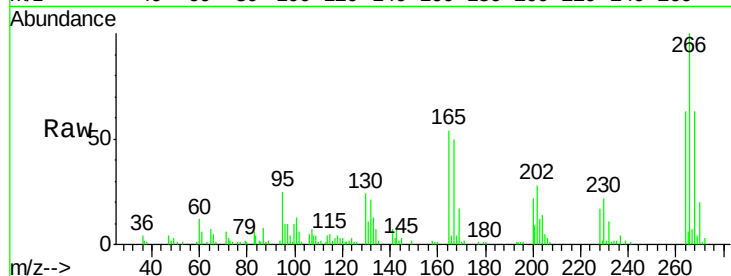




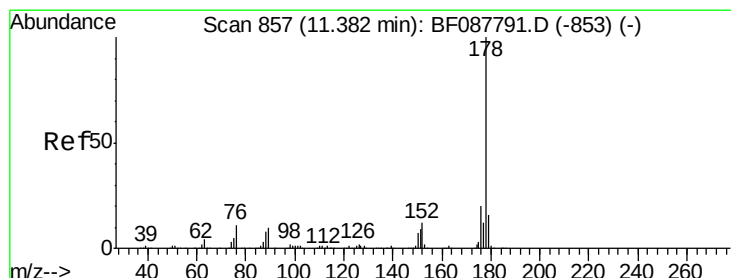
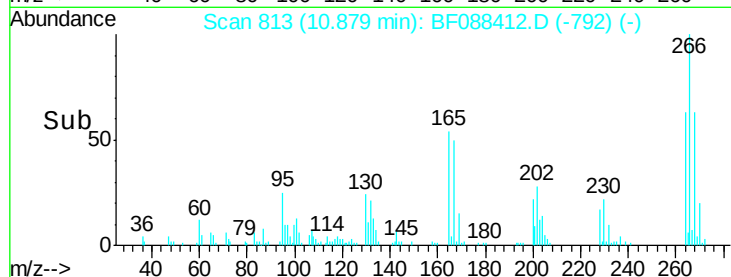
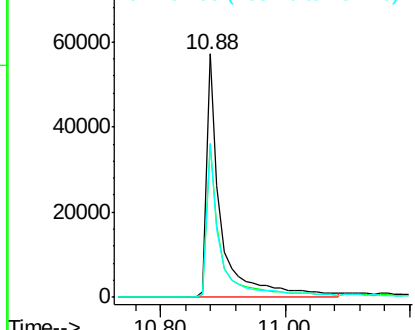
#69
 Pentachlorophenol
 Concen: 41.11 ng
 RT: 10.88 min Scan# 813
 Delta R.T. -0.06 min
 Lab File: BF088412.D
 Acq: 26 Jun 2016 12:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 92125
 Ion Ratio Lower Upper
 266 100
 268 62.8 52.8 79.2
 264 63.1 49.6 74.4

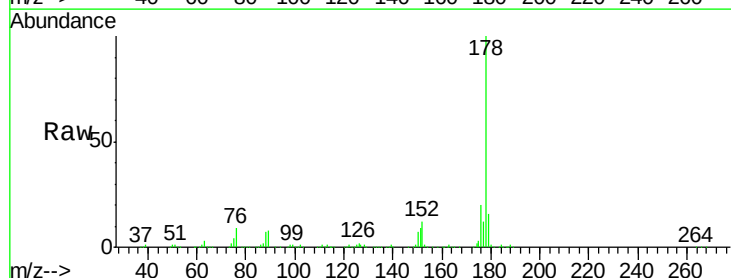


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

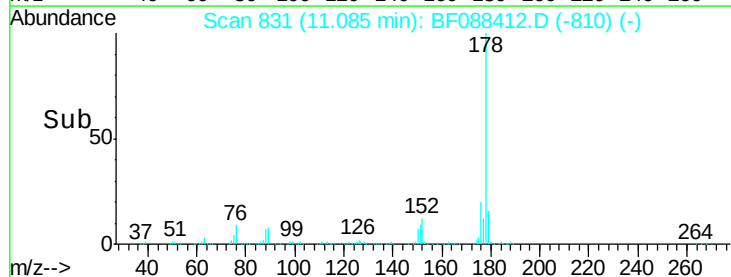
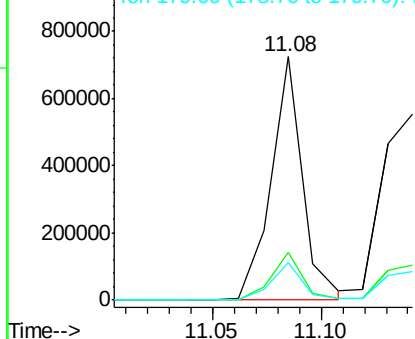


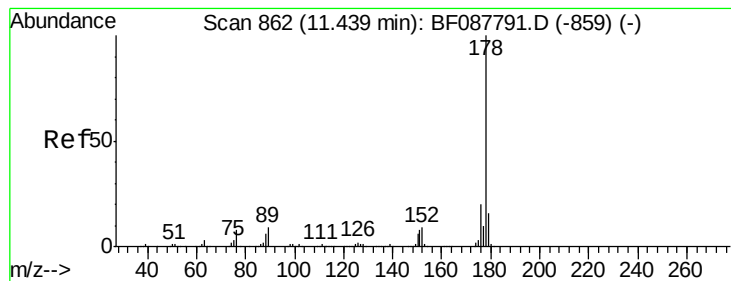
#70
 Phenanthrene
 Concen: 36.83 ng
 RT: 11.08 min Scan# 831
 Delta R.T. -0.06 min
 Lab File: BF088412.D
 Acq: 26 Jun 2016 12:07

Tgt Ion:178 Resp: 737065
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.6
 179 15.5 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: 41.10 ng

RT: 11.14 min Scan# 836

Delta R.T. -0.06 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

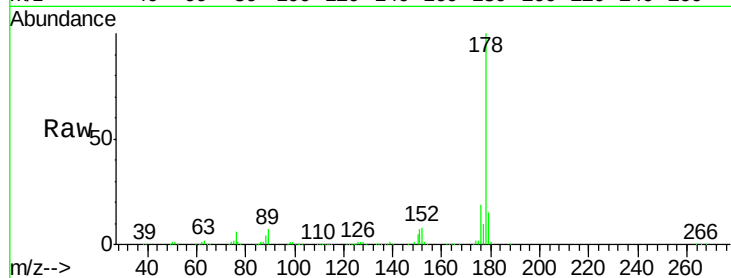
Tot Ion:178 Resp: 829569

Ion Ratio Lower Upper

178 100

176 18.6 15.6 23.4

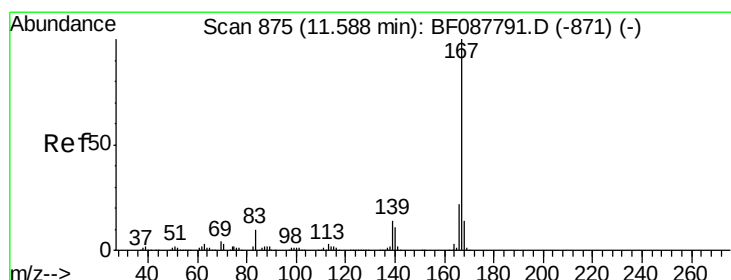
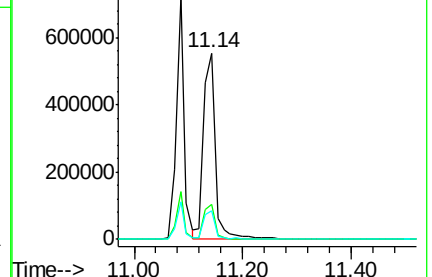
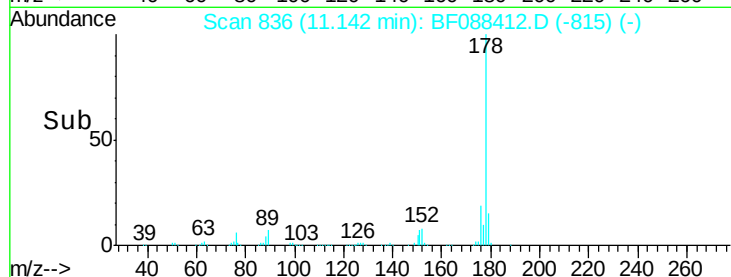
179 15.1 12.8 19.2



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: 42.00 ng

RT: 11.30 min Scan# 850

Delta R.T. -0.06 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

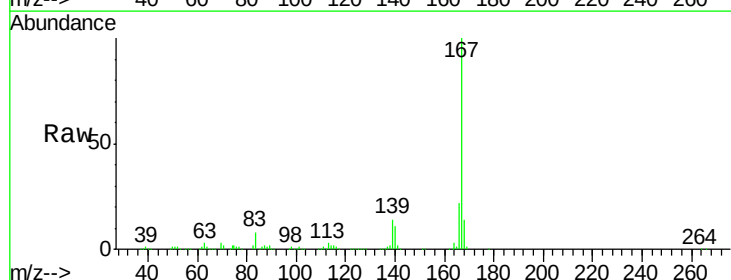
Tgt Ion:167 Resp: 793470

Ion Ratio Lower Upper

167 100

166 22.1 17.8 26.6

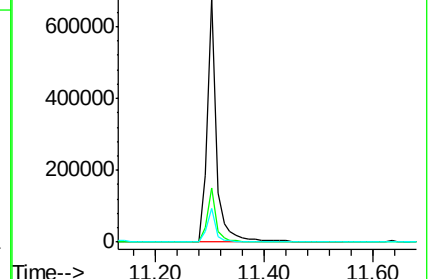
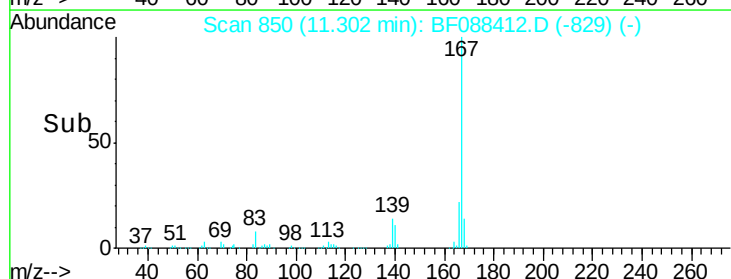
139 13.9 11.2 16.8

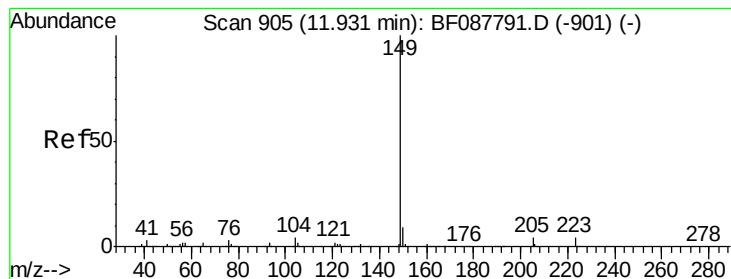


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.28 ng

RT: 11.63 min Scan# 879

Delta R.T. -0.06 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

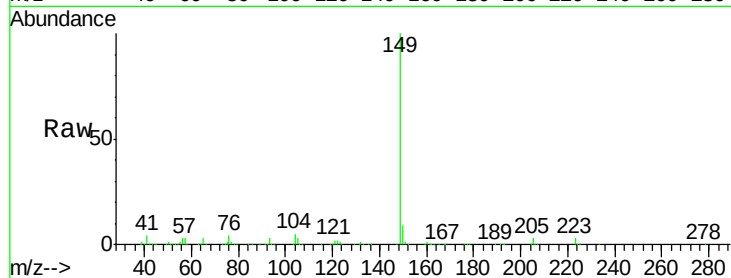
Tot Ion:149 Resp: 939367

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

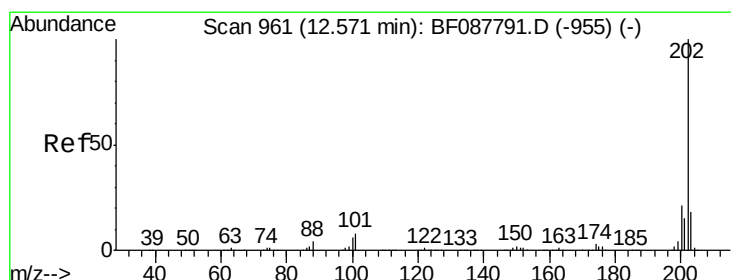
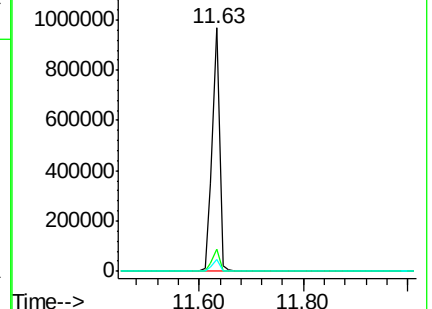
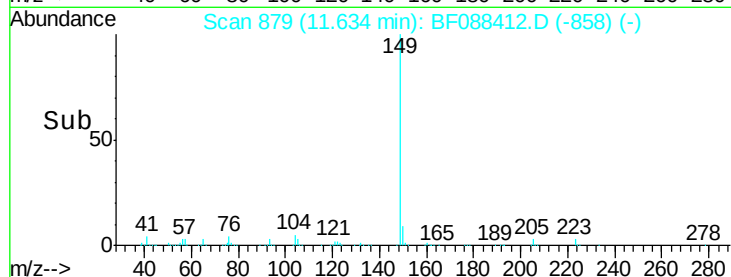
104 4.7 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.38 ng

RT: 12.26 min Scan# 934

Delta R.T. -0.06 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

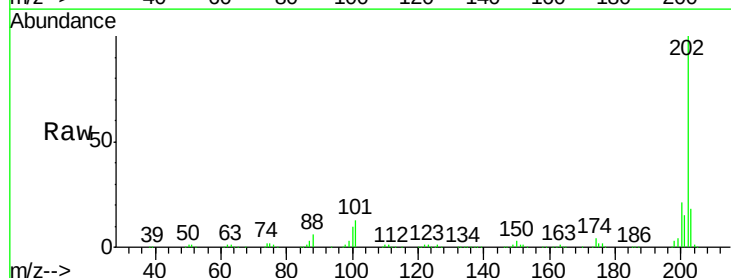
Tgt Ion:202 Resp: 768286

Ion Ratio Lower Upper

202 100

101 12.9 0.0 33.1

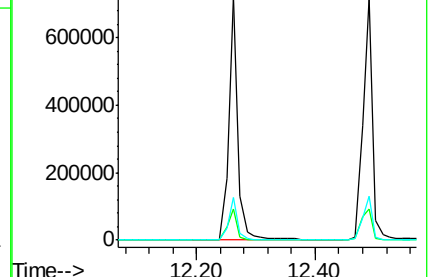
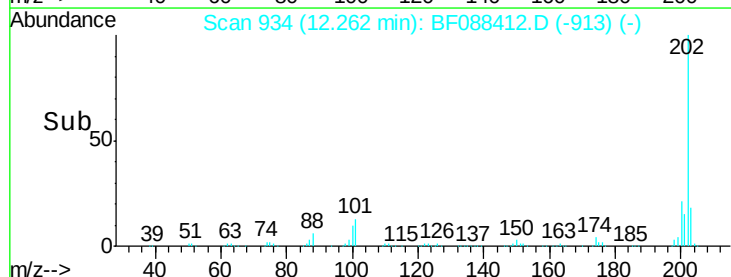
203 17.8 0.0 38.1

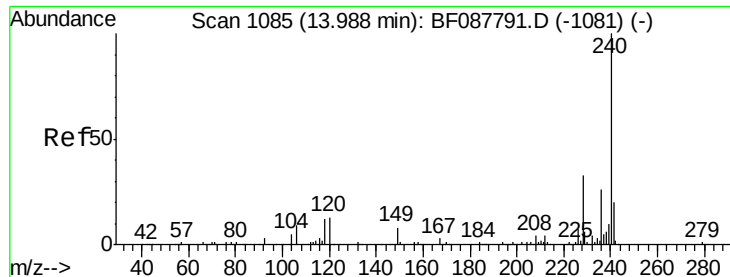


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.06 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

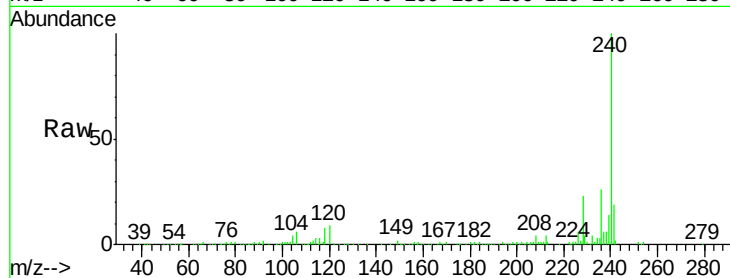
Tot Ion:240 Resp: 269877

Ion Ratio Lower Upper

240 100

120 9.1 6.8 10.2

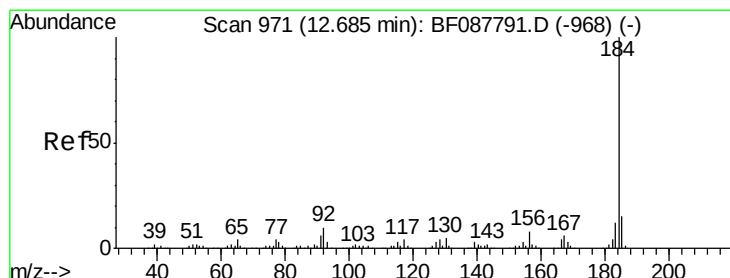
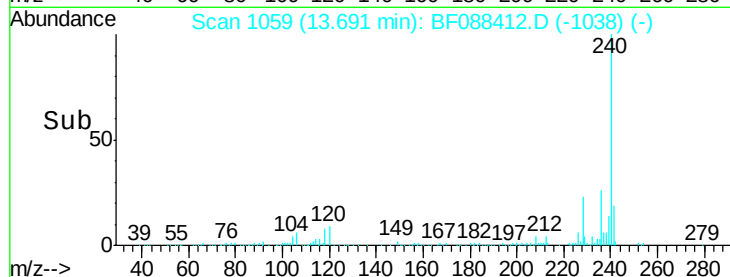
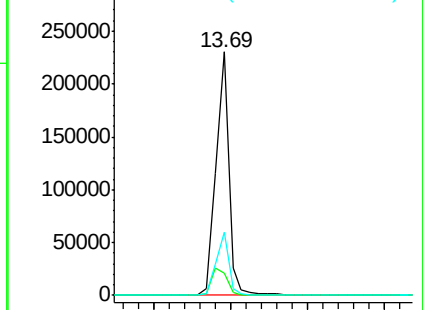
236 25.7 20.2 30.2



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: 44.21 ng

RT: 12.40 min Scan# 946

Delta R.T. -0.06 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

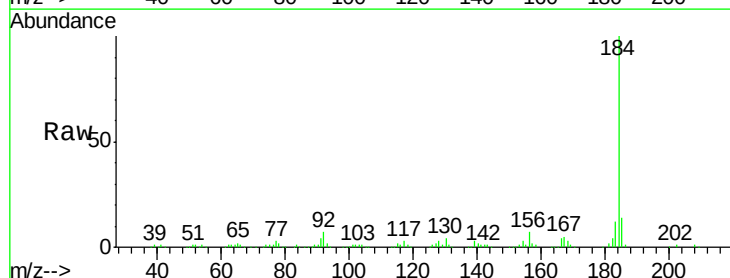
Tgt Ion:184 Resp: 330399

Ion Ratio Lower Upper

184 100

185 13.9 12.5 18.7

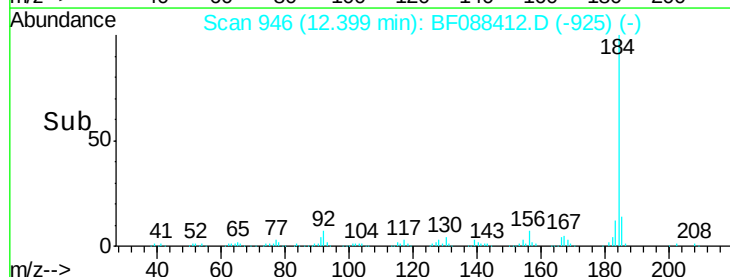
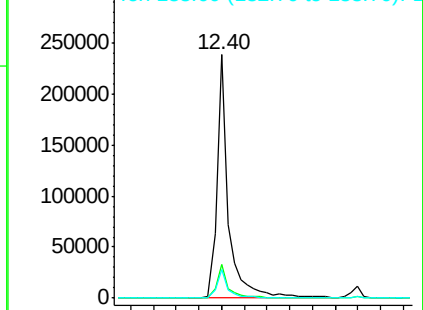
183 11.7 9.3 13.9

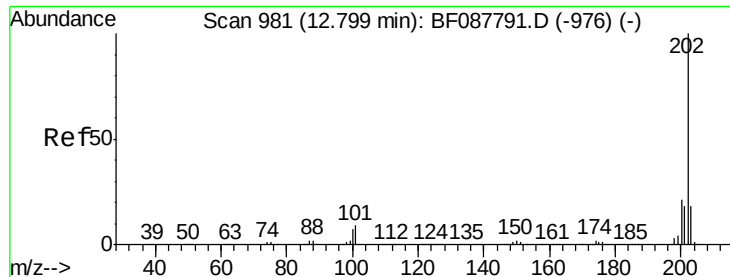


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

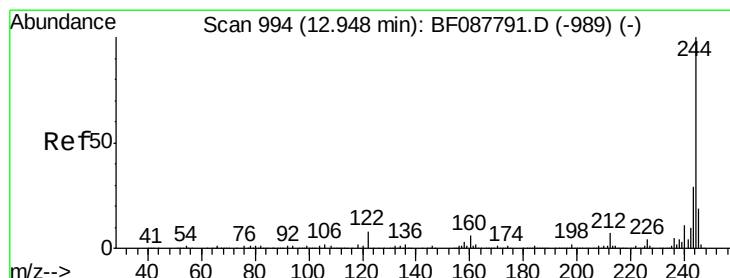
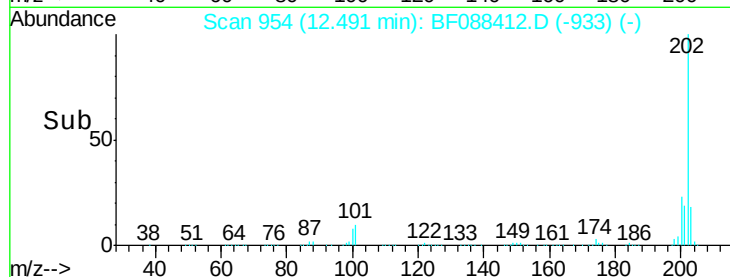
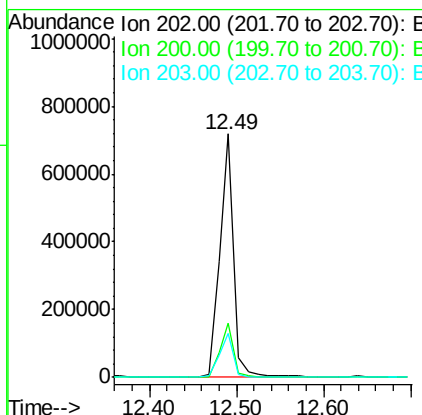
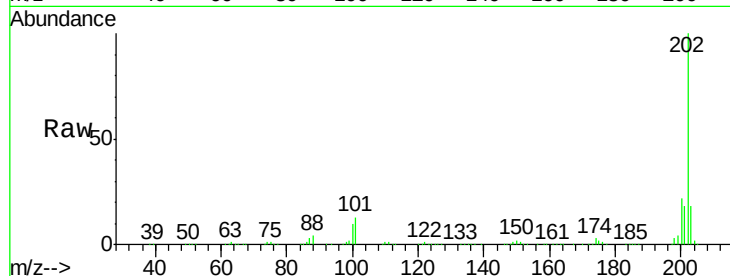




#77
Pvrene
Concen: 40.08 ng
RT: 12.49 min Scan# 954
Delta R.T. -0.06 min
Lab File: BF088412.D
Acq: 26 Jun 2016 12:07

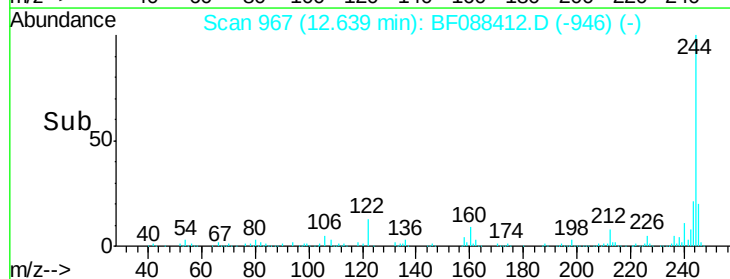
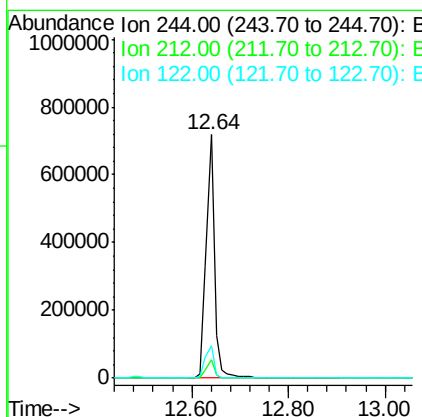
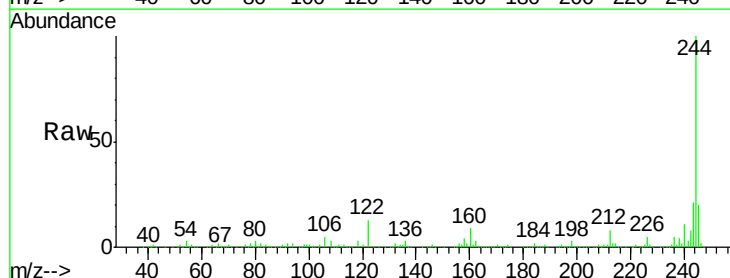
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

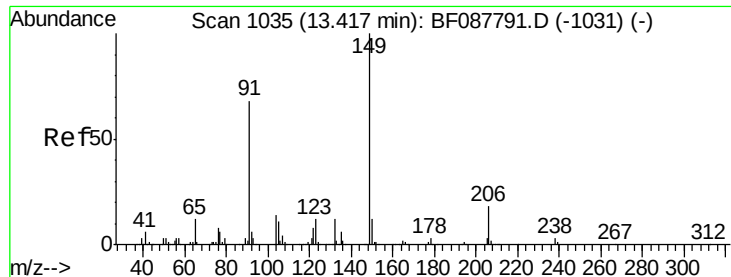
Tot Ion:202 Resp: 802639
Ion Ratio Lower Upper
202 100
200 22.3 17.4 26.2
203 17.9 14.5 21.7



#78
Terphenyl-d14
Concen: 73.21 ng
RT: 12.64 min Scan# 967
Delta R.T. -0.06 min
Lab File: BF088412.D
Acq: 26 Jun 2016 12:07

Tgt Ion:244 Resp: 868200
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 13.5 11.2 16.8

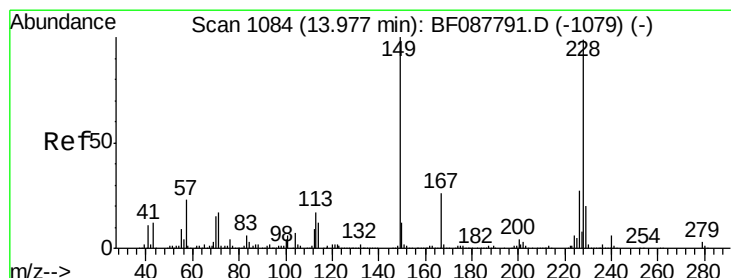
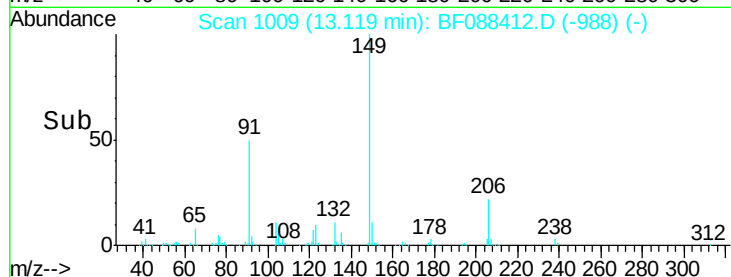
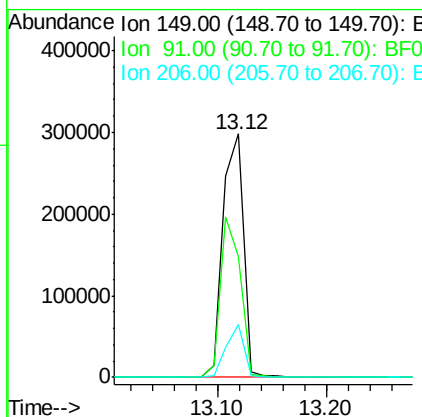
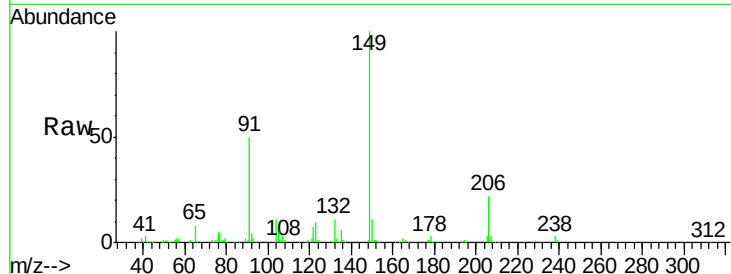




#79
Butylbenzylphthalate
Concen: 44.54 ng
RT: 13.12 min Scan# 1009
Delta R.T. -0.06 min
Lab File: BF088412.D
Acq: 26 Jun 2016 12:07

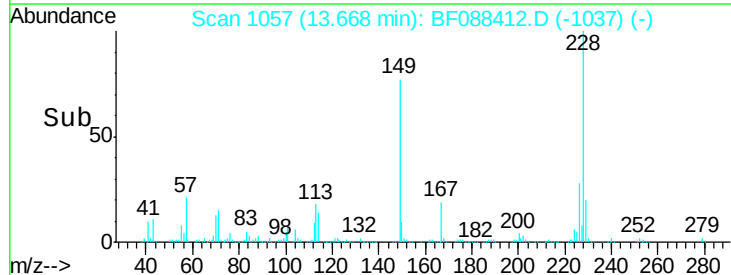
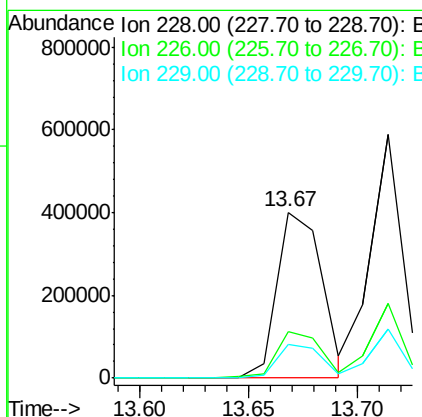
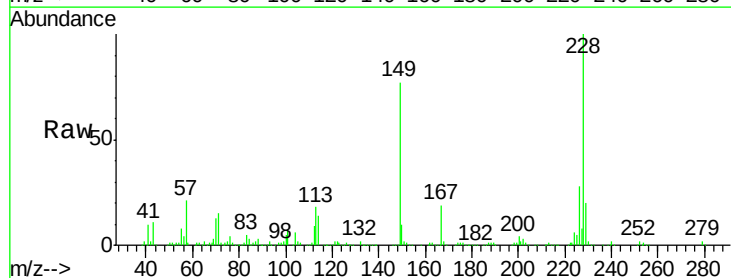
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

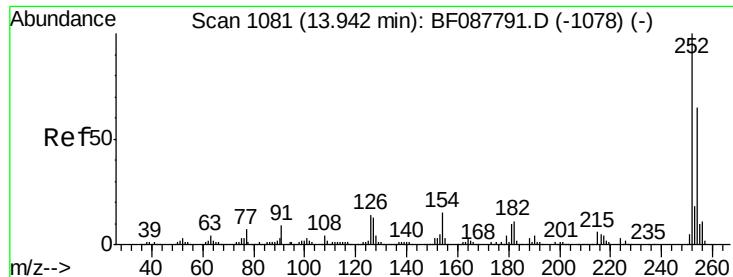
Tot Ion	Ratio	Lower	Upper
149	100		
91	49.8	48.0	72.0
206	21.8	16.0	24.0



#80
Benzo(a)anthracene
Concen: 37.70 ng
RT: 13.67 min Scan# 1057
Delta R.T. -0.07 min
Lab File: BF088412.D
Acq: 26 Jun 2016 12:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.3	33.5
229	20.4	16.0	24.0

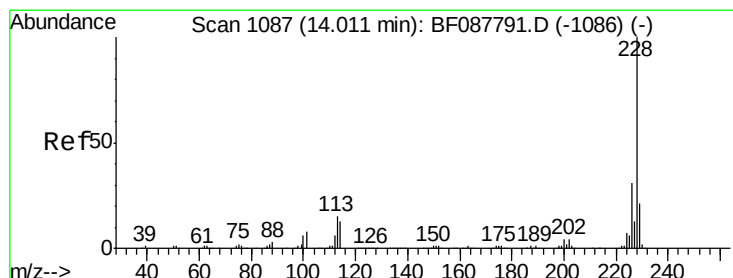
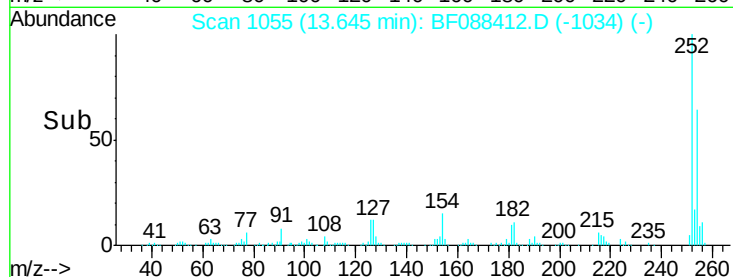
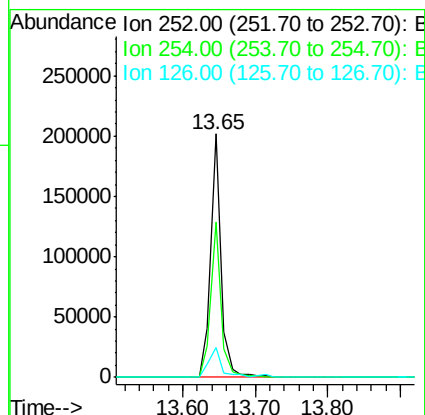
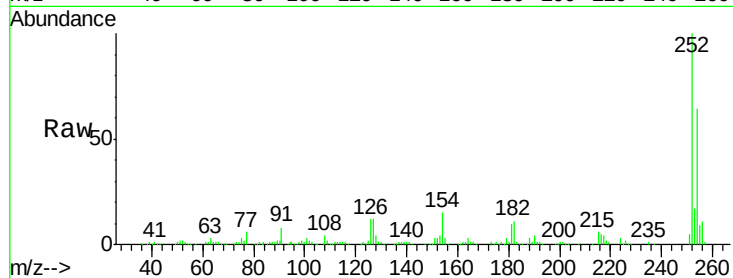




#81
 3,3'-Dichlorobenzidine
 Concen: 49.51 ng
 RT: 13.65 min Scan# 1055
 Delta R.T. -0.06 min
 Lab File: BF088412.D
 Acq: 26 Jun 2016 12:07

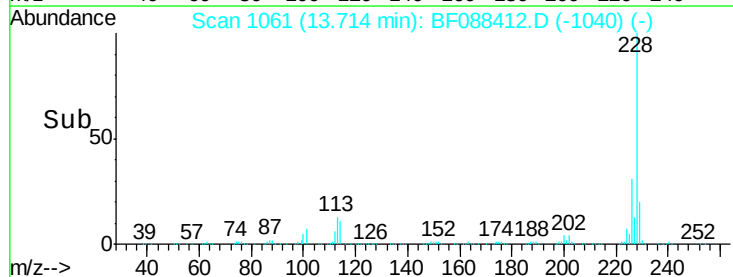
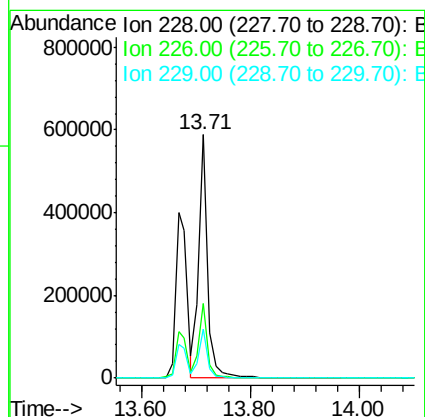
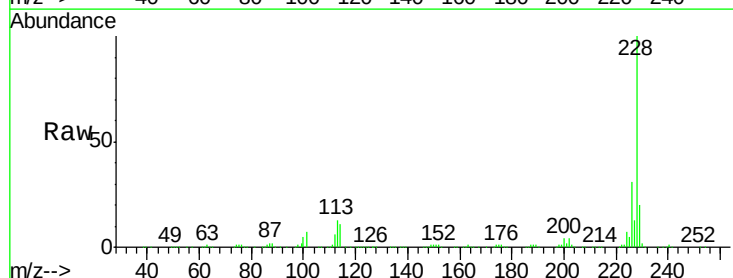
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

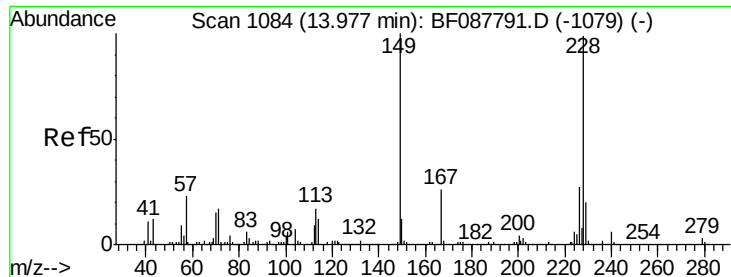
Tot Ion:252 Resp: 204768
 Ion Ratio Lower Upper
 252 100
 254 63.8 52.6 78.8
 126 12.4 6.2 9.2#



#82
 Chrysene
 Concen: 45.24 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.06 min
 Lab File: BF088412.D
 Acq: 26 Jun 2016 12:07

Tgt Ion:228 Resp: 654498
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.4 38.2
 229 20.1 16.3 24.5

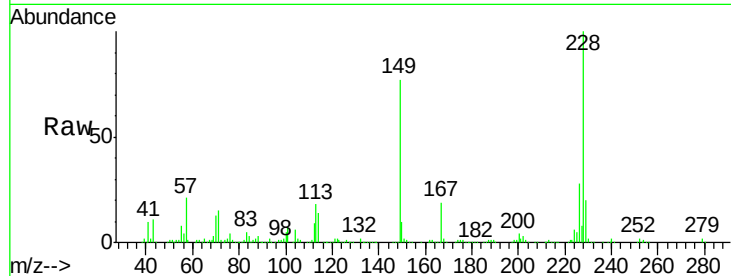




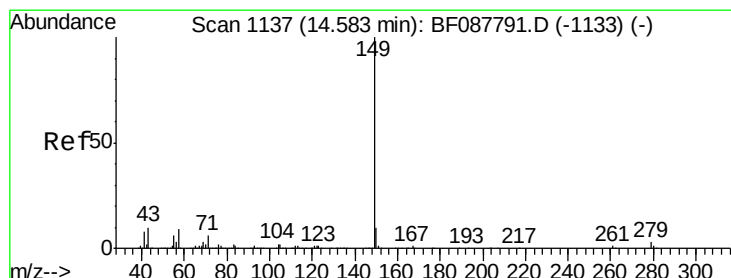
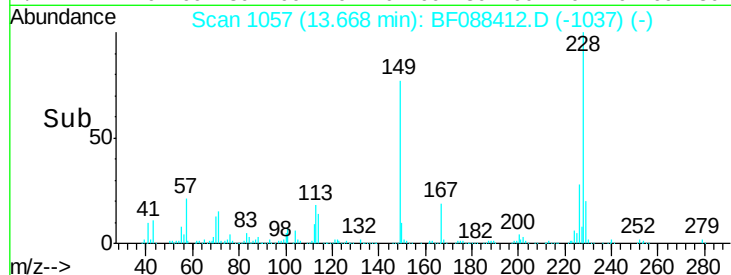
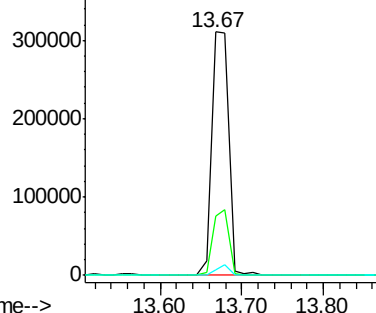
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.52 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.07 min
 Lab File: BF088412.D
 Acq: 26 Jun 2016 12:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:149 Resp: 447478
 Ion Ratio Lower Upper
 149 100
 167 24.5 20.5 30.7
 279 2.1 2.0 3.0

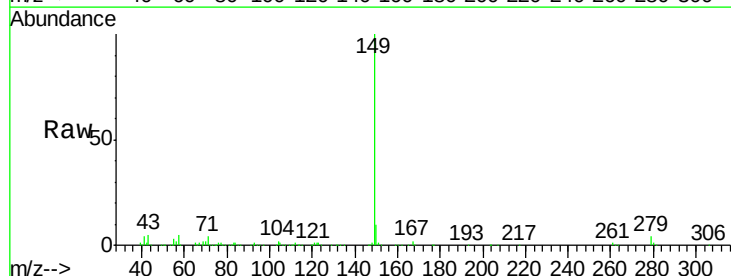


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

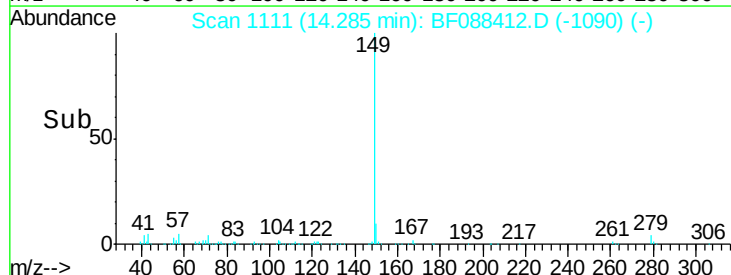
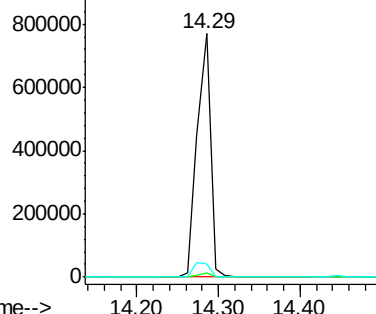


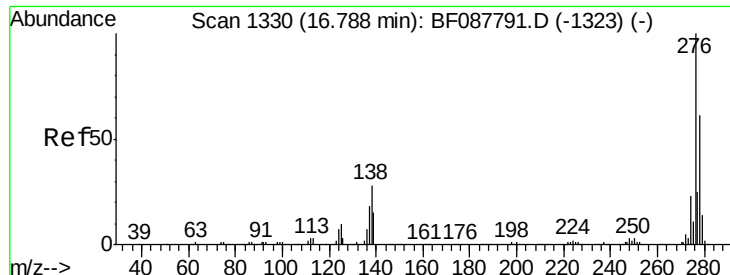
#84
 Di-n-octyl phthalate
 Concen: 49.69 ng
 RT: 14.29 min Scan# 1111
 Delta R.T. -0.06 min
 Lab File: BF088412.D
 Acq: 26 Jun 2016 12:07

Tgt Ion:149 Resp: 870221
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 7.3 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

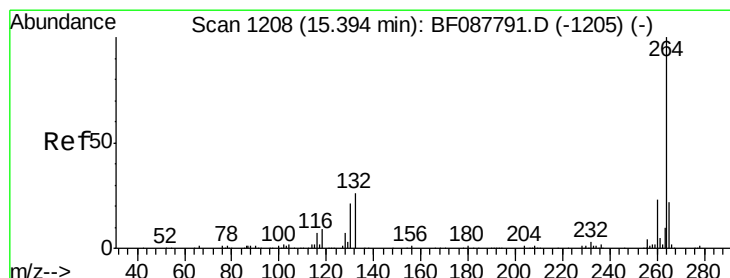
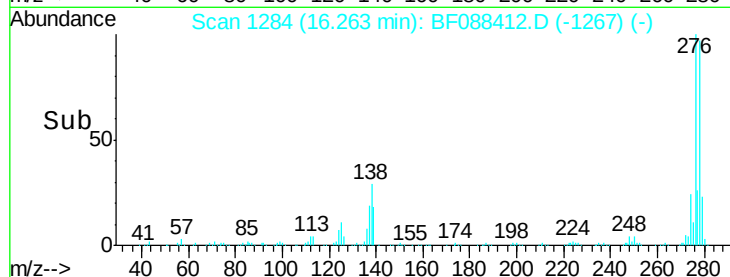
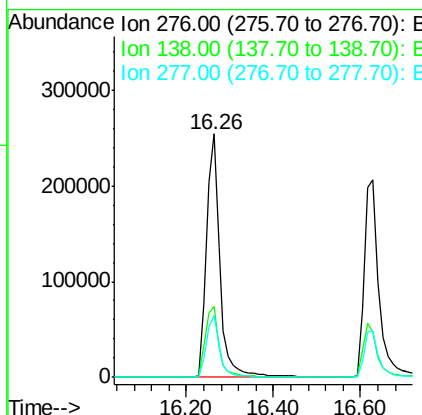
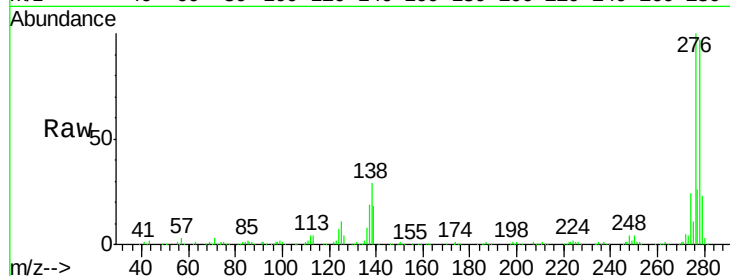




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.77 ng
 RT: 16.26 min Scan# 1284
 Delta R.T. -0.10 min
 Lab File: BF088412.D
 Acq: 26 Jun 2016 12:07

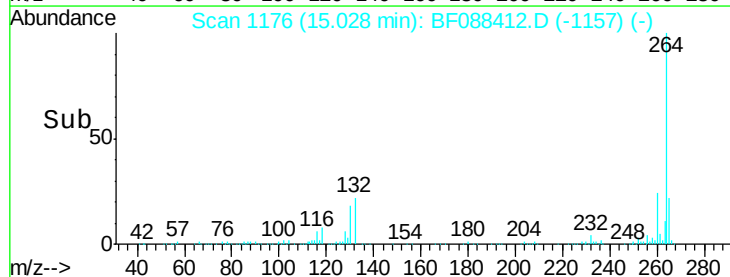
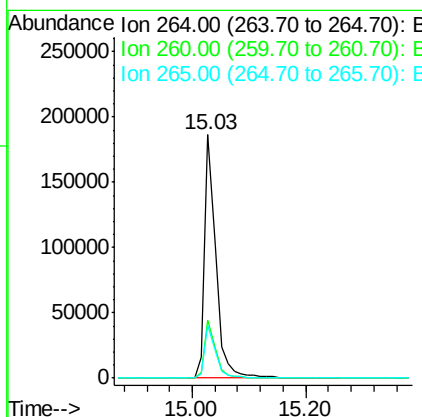
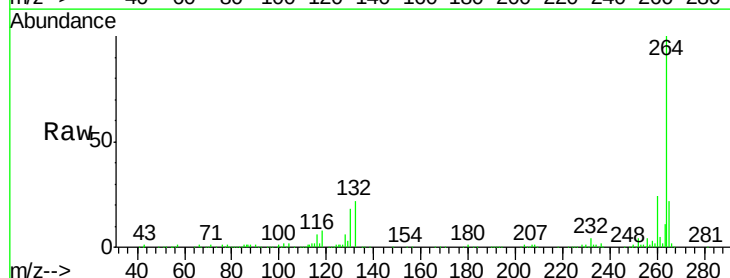
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

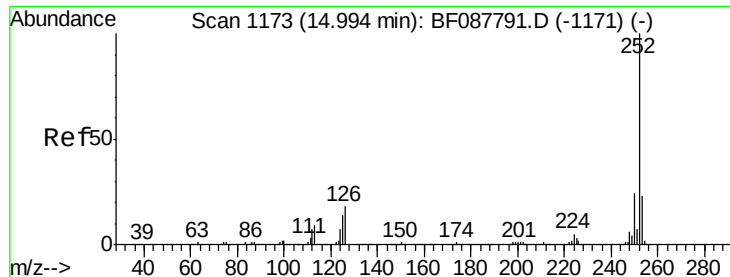
Tot Ion:276 Resp: 548011
 Ion Ratio Lower Upper
 276 100
 138 30.2 0.0 0.0#
 277 25.1 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.03 min Scan# 1176
 Delta R.T. -0.08 min
 Lab File: BF088412.D
 Acq: 26 Jun 2016 12:07

Tgt Ion:264 Resp: 246751
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.7 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 66.76 ng

RT: 14.70 min Scan# 1147

Delta R.T. -0.05 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

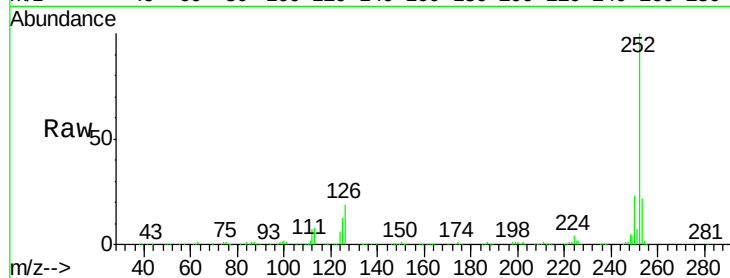
Tot Ion:252 Resp: 1148217

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

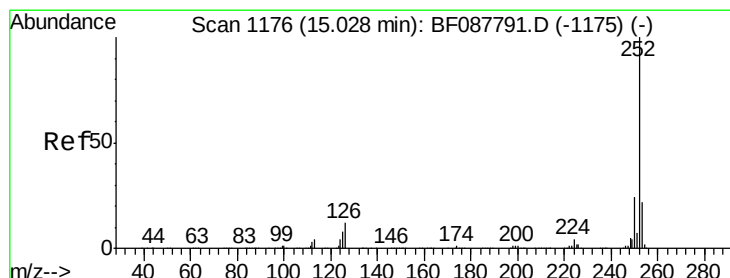
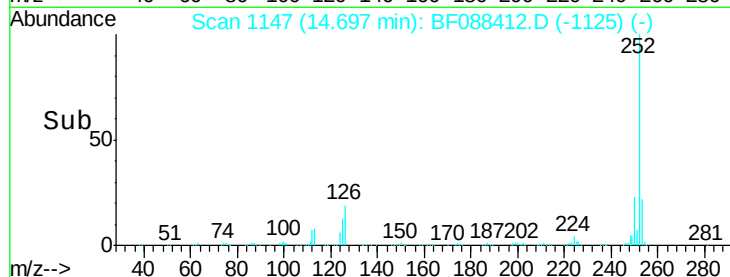
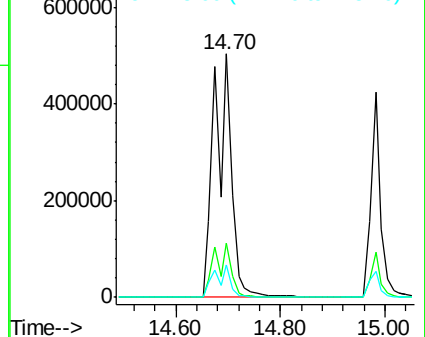
125 13.2 7.1 10.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 88.57 ng

RT: 14.70 min Scan# 1147

Delta R.T. -0.07 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

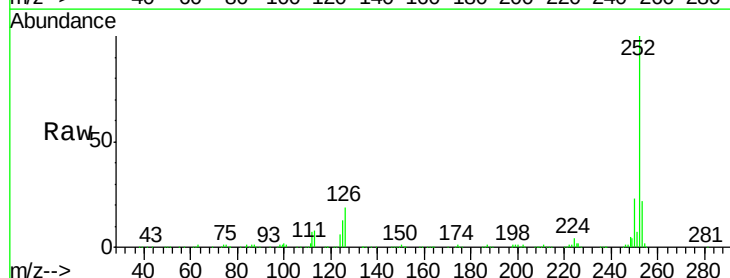
Tgt Ion:252 Resp: 1149062

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

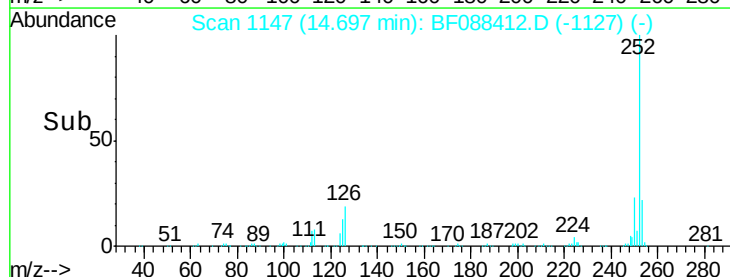
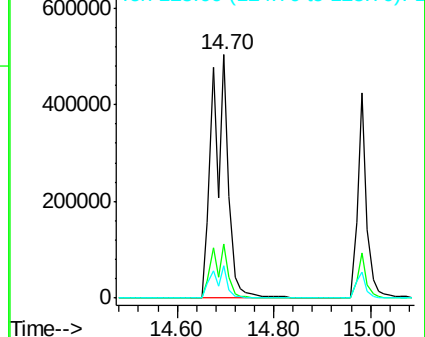
125 13.2 11.2 16.8

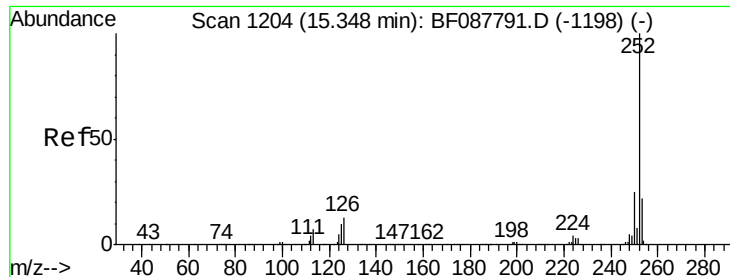


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

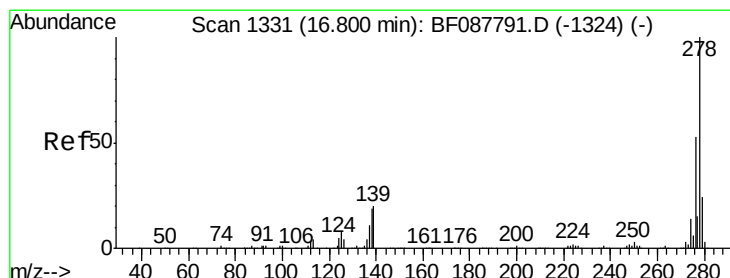
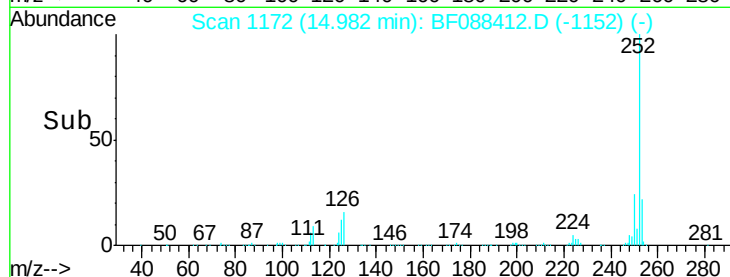
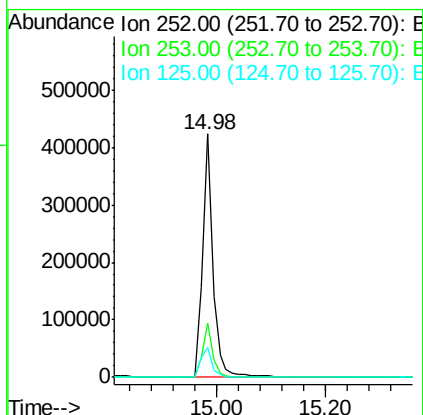
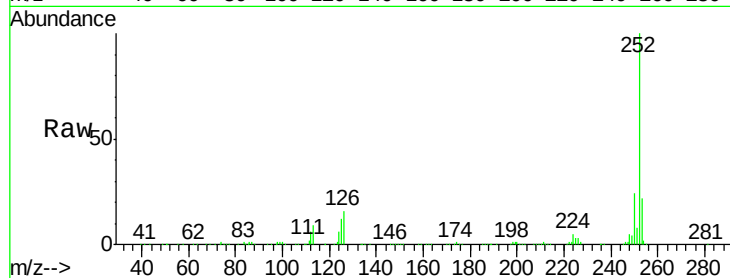




#89
Benzo(a)pyrene
Concen: 39.45 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.07 min
Lab File: BF088412.D
Acq: 26 Jun 2016 12:07

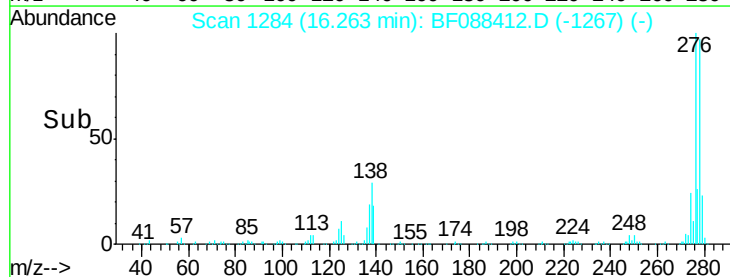
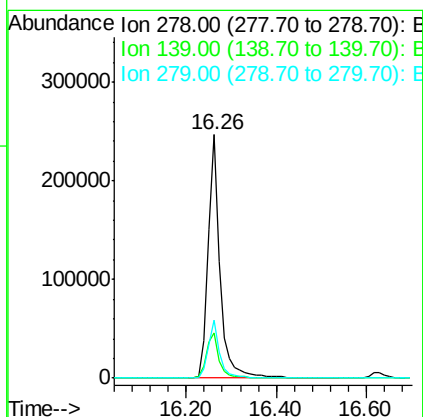
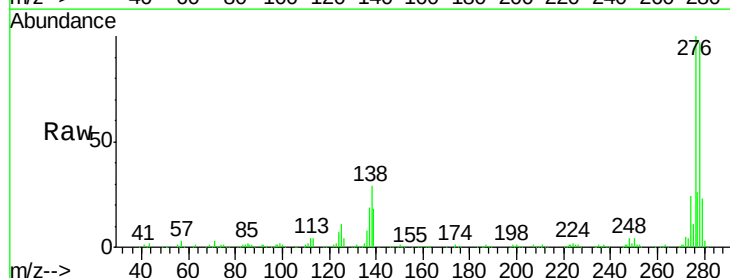
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

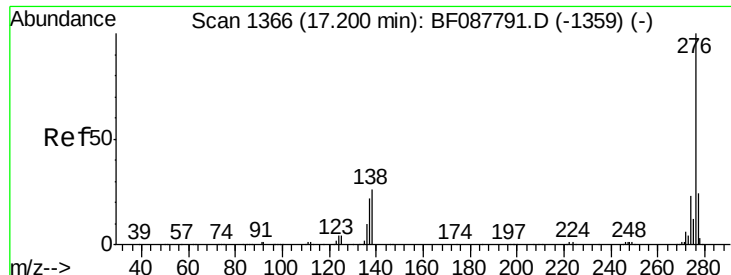
Tot Ion:252 Resp: 548981
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 12.5 12.5 18.7#



#90
Dibenzo(a,h)anthracene
Concen: 35.26 ng
RT: 16.26 min Scan# 1284
Delta R.T. -0.10 min
Lab File: BF088412.D
Acq: 26 Jun 2016 12:07

Tgt Ion:278 Resp: 455688
Ion Ratio Lower Upper
278 100
139 18.5 15.7 23.5
279 23.7 19.4 29.2





#91

Benzo(a,h,i)perylene

Concen: 35.90 ng

RT: 16.63 min Scan# 1316

Delta R.T. -0.11 min

Lab File: BF088412.D

Acq: 26 Jun 2016 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

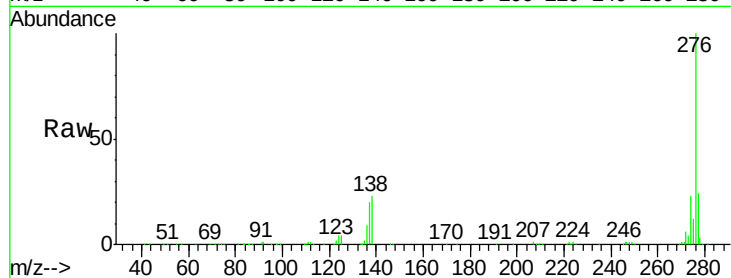
Tot Ion:276 Resp: 477272

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 23.2 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

