

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
 Data File : BF088437.D
 Acq On : 27 Jun 2016 5:04
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 27 08:14:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 04:27:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	361234	20.00	ng	-0.14
21) Naphthalene-d8	7.84	136	458582	20.00	ng	-0.29
38) Acenaphthene-d10	9.59	164	203346	20.00	ng	-0.30
63) Phenanthrene-d10	11.06	188	342136	20.00	ng	-0.30
75) Chrysene-d12	13.69	240	223626	20.00	ng	-0.30
86) Perylene-d12	15.04	264	221240	20.00	ng	-0.35

System Monitoring Compounds

5) 2-Fluorophenol	5.13	112	554883	26.26	ng	-0.30
7) Phenol-d6	6.24	99	630334	24.61	ng	-0.24
23) Nitrobenzene-d5	7.14	82	623786	79.43	ng	-0.27
41) 2,4,6-Tribromophenol	10.38	330	131555	61.27	ng	-0.30
44) 2-Fluorobiphenyl	8.92	172	1072555	82.71	ng	-0.29
78) Terphenyl-d14	12.64	244	708695	72.11	ng	-0.31

Target Compounds

						Qvalue
6) Aniline	6.31	93	325765	8.94	ng	# 60
8) 2-Chlorophenol	6.34	128	316756	12.66	ng	93
9) Benzaldehyde	6.10	77	200969	9.58	ng	99
10) Phenol	6.25	94	394830	13.17	ng	97
11) bis(2-Chloroethyl)ether	6.31	93	325890	14.51	ng	# 83
12) 1,3-Dichlorobenzene	6.72	146	281073	10.47	ng	96
13) 1,4-Dichlorobenzene	6.72	146	281949	10.43	ng	94
14) 1,2-Dichlorobenzene	6.72	146	280413	11.41	ng	# 90
15) Benzyl Alcohol	6.73	79	234669	11.71	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.84	45	279019	9.20	ng	# 14
17) 2-Methylphenol	6.86	107	241869	11.92	ng	94
18) Hexachloroethane	7.06	117	119579	12.47	ng	91
19) n-Nitroso-di-n-propylamine	6.99	70	197143	12.03	ng	89
20) 3+4-Methylphenols	7.02	107	317880	13.43	ng	# 75
22) Acetophenone	6.98	105	429152	41.88	ng	# 96
24) Nitrobenzene	7.15	77	281806	37.05	ng	90
25) Isophorone	7.40	82	569715	39.17	ng	96
26) 2-Nitrophenol	7.47	139	176647	43.35	ng	# 73
27) 2,4-Dimethylphenol	7.53	122	273117	36.40	ng	94
28) bis(2-Chloroethoxy)methane	7.61	93	343122	38.03	ng	# 97
29) 2,4-Dichlorophenol	7.72	162	247048	39.44	ng	94
30) 1,2,4-Trichlorobenzene	7.78	180	263358	38.61	ng	98
31) Naphthalene	7.86	128	814223	35.88	ng	100
32) Benzoic acid	7.72	122	146131	35.37	ng	97
33) 4-Chloroaniline	7.94	127	376678	37.17	ng	# 94
34) Hexachlorobutadiene	7.98	225	130523	36.28	ng	98
35) Caprolactam	8.33	113	54216	26.13	ng	# 83
36) 4-Chloro-3-methylphenol	8.43	107	255141	38.08	ng	96
37) 2-Methylnaphthalene	8.55	142	546140	36.51	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	222552	40.73	ng	# 1
40) Hexachlorocyclopentadiene	8.71	237	41305	12.59	ng	96
42) 2,4,6-Trichlorophenol	8.84	196	148813	36.60	ng	97
43) 2,4,5-Trichlorophenol	8.90	196	149967	35.45	ng	99
45) 1,1'-Biphenyl	9.02	154	612722	39.37	ng	98

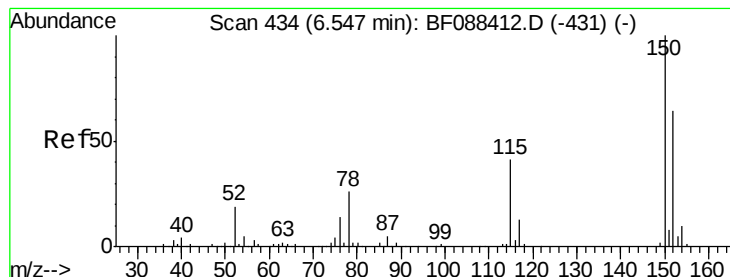
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
 Data File : BF088437.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	9.04	162	492904	37.46	nq	99
47) 2-Nitroaniline	9.15	65	148108	38.16	nq	# 84
48) Acenaphthylene	9.45	152	815580	38.97	nq	99
49) Dimethylphthalate	9.34	163	627728	42.62	nq	99
50) 2,6-Dinitrotoluene	9.40	165	144396	42.80	nq	89
51) Acenaphthene	9.62	154	473821	36.29	nq	98
52) 3-Nitroaniline	9.58	138	151336	38.88	nq	# 73
53) 2,4-Dinitrophenol	9.69	184	56955	36.72	nq	# 84
54) Dibenzofuran	9.79	168	696316	38.72	nq	# 88
55) 4-Nitrophenol	9.79	139	400203	132.46	nq	# 10
56) 2,4-Dinitrotoluene	9.80	165	163810	37.79	nq	# 71
57) Fluorene	10.14	166	524801	42.97	nq	97
58) 2,3,4,6-Tetrachlorophenol	9.88	232	94115	28.31	nq	# 58
59) Diethylphthalate	10.02	149	592339	39.73	nq	97
60) 4-Chlorophenyl-phenylether	10.12	204	201721	33.73	nq	91
61) 4-Nitroaniline	10.19	138	147957	40.07	nq	97
62) Azobenzene	10.28	77	521281	35.35	nq	96
64) 4,6-Dinitro-2-methylphenol	10.22	198	67015	32.12	nq	89
65) n-Nitrosodiphenylamine	10.25	169	460647	40.58	nq	99
66) 4-Bromophenyl-phenylether	10.62	248	151801	41.36	nq	95
67) Hexachlorobenzene	10.67	284	142084	37.26	nq	96
68) Atrazine	10.79	200	121818	35.44	nq	91
69) Pentachlorophenol	10.88	266	86276	42.92	nq	97
70) Phenanthrene	11.08	178	654531	36.46	nq	99
71) Anthracene	11.14	178	772581	42.66	nq	98
72) Carbazole	11.30	167	667056	39.36	nq	100
73) Di-n-butylphthalate	11.63	149	836055	38.97	nq	99
74) Fluoranthene	12.26	202	619283	32.69	nq	100
76) Benzidine	12.40	184	263347	42.53	nq	98
77) Pyrene	12.49	202	649590	39.14	nq	99
79) Butylbenzylphthalate	13.12	149	342922	46.74	nq	97
80) Benzo(a)anthracene	13.67	228	467747	36.70	nq	99
81) 3,3'-Dichlorobenzidine	13.65	252	164537	48.01	nq	# 97
82) Chrysene	13.71	228	524797	43.77	nq	99
83) Bis(2-ethylhexyl)phthalate	13.68	149	398135	44.58	nq	# 98
84) Di-n-octyl phthalate	14.29	149	717409	49.43	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.27	276	460320	41.33	nq	# 100
87) Benzo(b)fluoranthene	14.67	252	1015886	65.88	nq	# 95
88) Benzo(k)fluoranthene	14.67	252	1016857	87.42	nq	99
89) Benzo(a)pyrene	14.98	252	489754	39.26	nq	99
90) Dibenzo(a,h)anthracene	16.27	278	395608	34.14	nq	96
91) Benzo(g,h,i)perylene	16.63	276	391196	32.82	nq	99

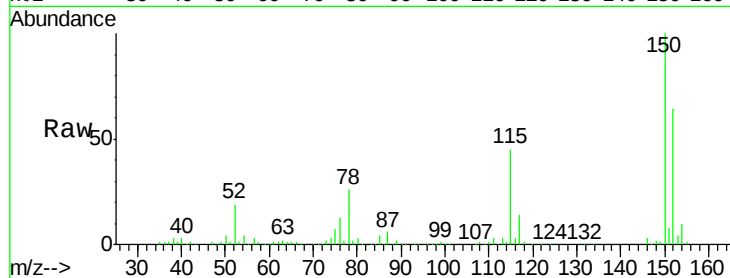
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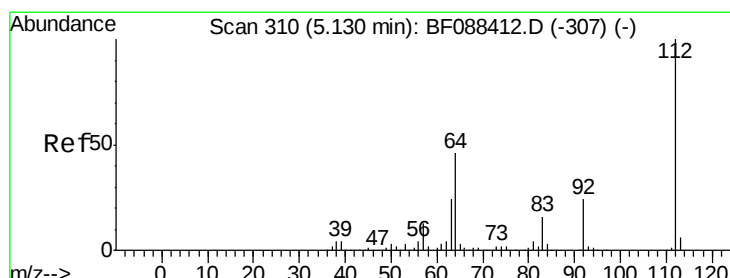
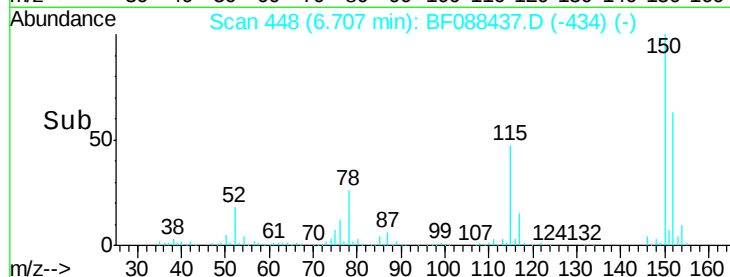
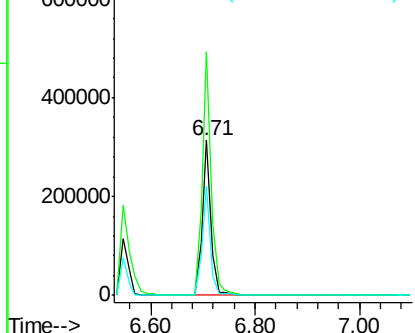
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.71 min Scan# 448
 Delta R.T. -0.14 min
 Lab File: BF088437.D
 Acq: 27 Jun 2016 5:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:152 Resp: 361234
 Ion Ratio Lower Upper
 152 100
 150 157.4 123.8 185.6
 115 70.8 39.6 59.4#

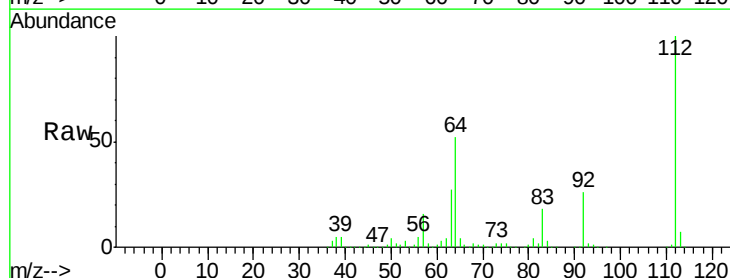


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

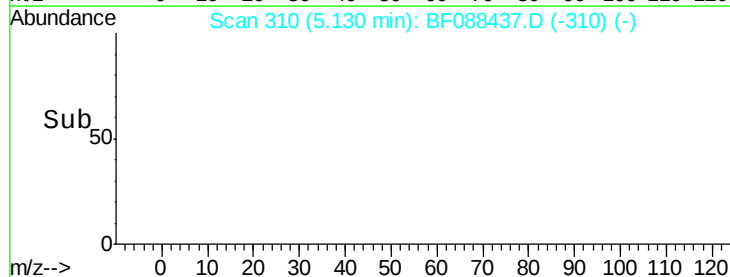
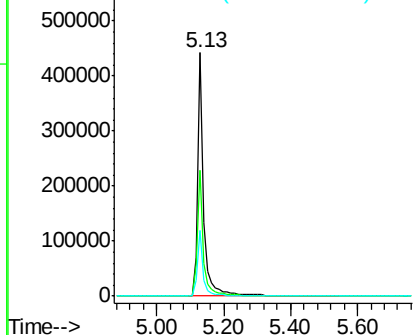


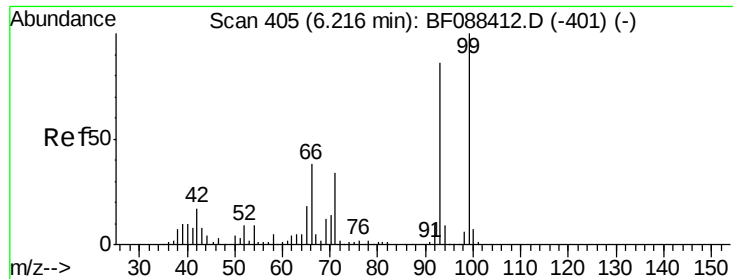
#5
 2-Fluorophenol
 Concen: 26.26 ng
 RT: 5.13 min Scan# 310
 Delta R.T. -0.30 min
 Lab File: BF088437.D
 Acq: 27 Jun 2016 5:04

Tgt Ion:112 Resp: 554883
 Ion Ratio Lower Upper
 112 100
 64 52.0 42.2 63.2
 63 26.8 21.8 32.8



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





#6

Aniline

Concen: 8.94 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.19 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

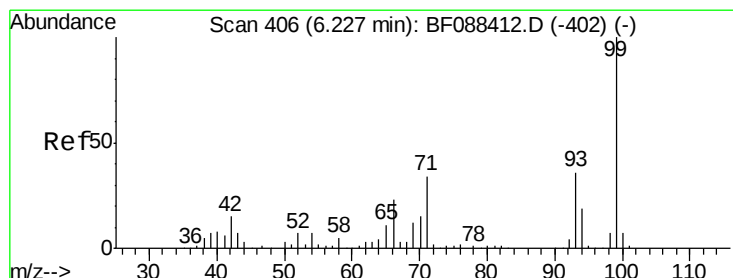
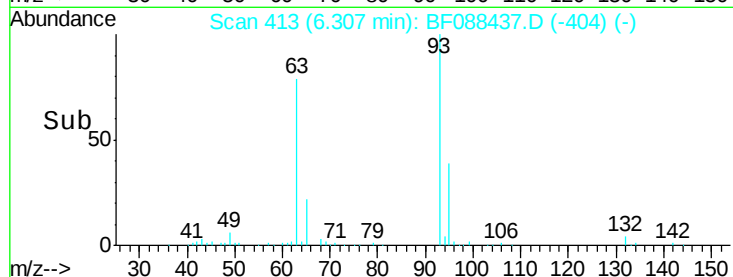
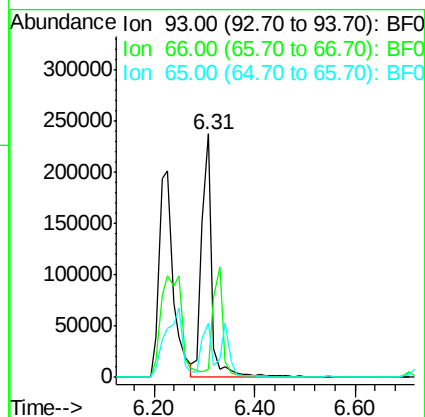
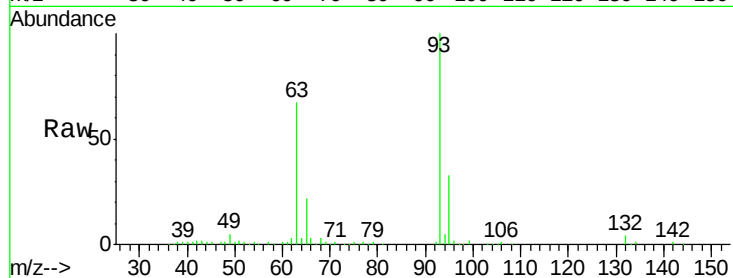
Tot Ion: 93 Resp: 325765

Ion Ratio Lower Upper

93 100

66 3.4 29.8 44.8#

65 22.2 14.9 22.3



#7

Phenol-d6

Concen: 24.61 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.24 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

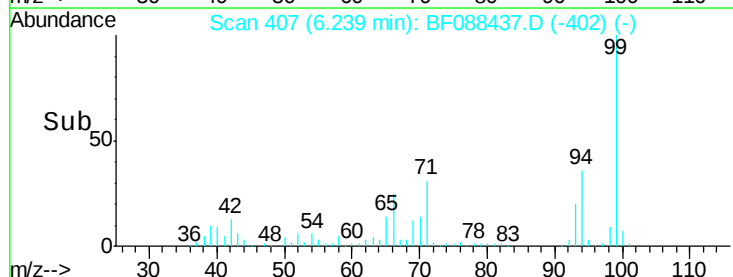
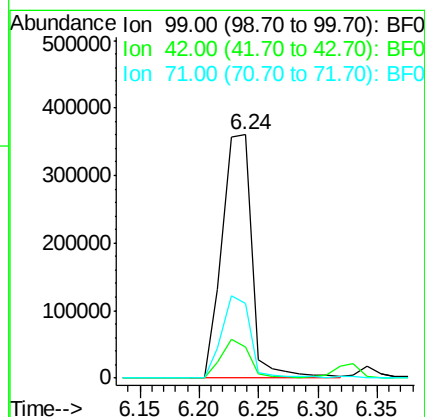
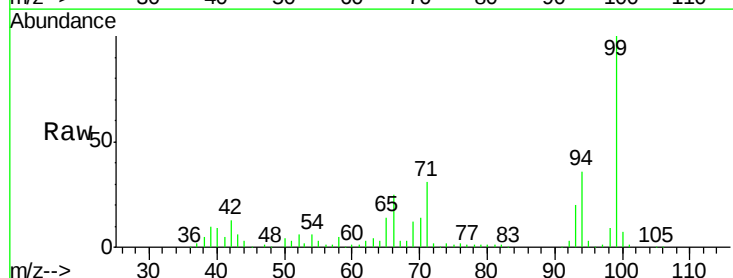
Tgt Ion: 99 Resp: 630334

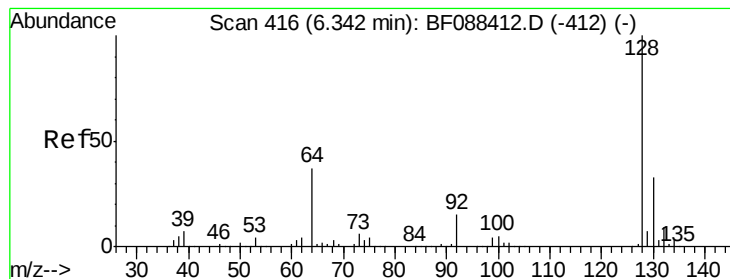
Ion Ratio Lower Upper

99 100

42 12.9 12.2 18.2

71 30.9 23.4 35.0

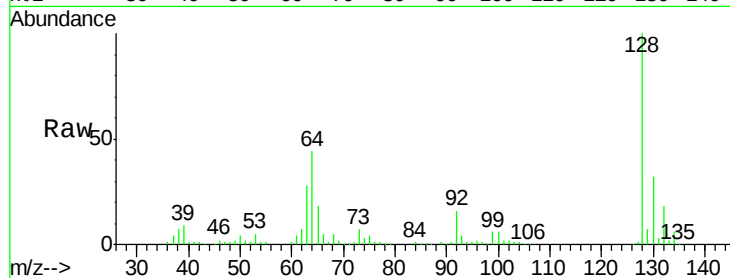




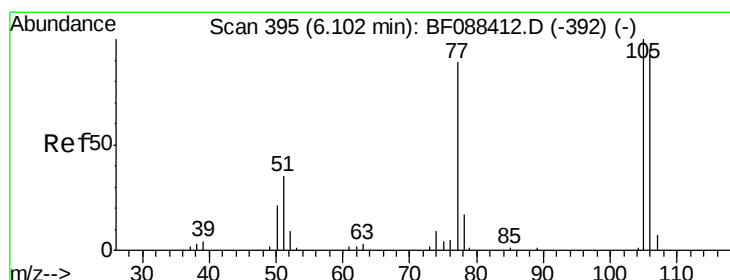
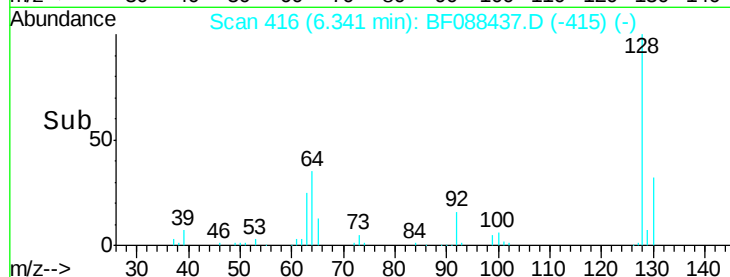
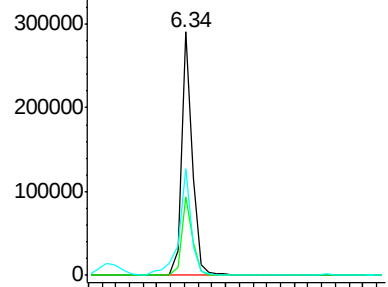
#8
 2-Chlorophenol
 Concen: 12.66 ng
 RT: 6.34 min Scan# 416
 Delta R.T. -0.29 min
 Lab File: BF088437.D
 Acq: 27 Jun 2016 5:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:128 Resp: 316756
 Ion Ratio Lower Upper
 128 100
 130 32.4 12.0 52.0
 64 43.7 30.8 70.8

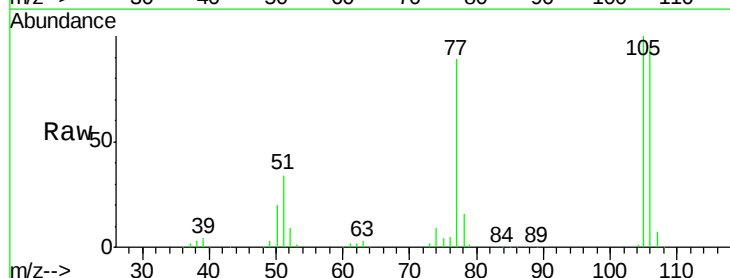


Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 64.00 (63.70 to 64.70): B

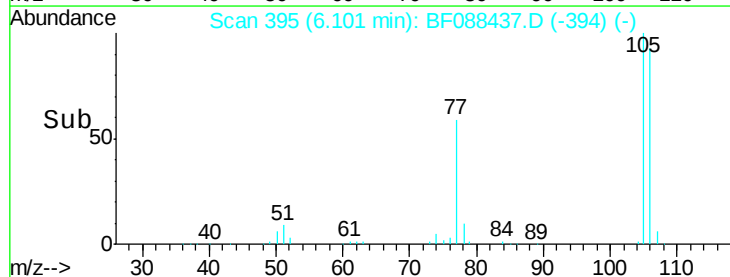
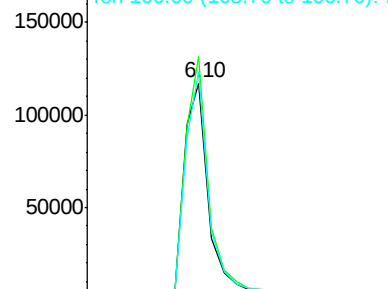


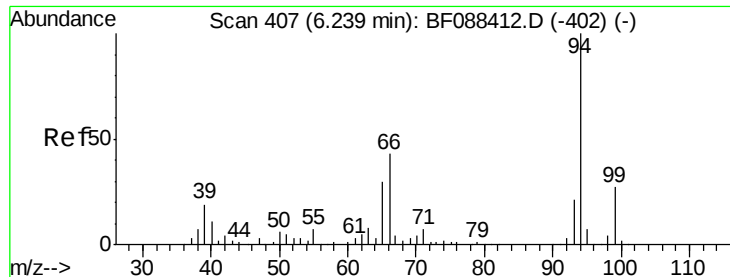
#9
 Benzaldehyde
 Concen: 9.58 ng
 RT: 6.10 min Scan# 395
 Delta R.T. -0.29 min
 Lab File: BF088437.D
 Acq: 27 Jun 2016 5:04

Tgt Ion: 77 Resp: 200969
 Ion Ratio Lower Upper
 77 100
 105 112.1 90.6 130.6
 106 105.0 85.3 125.3



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





#10

Phenol

Concen: 13.17 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.24 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

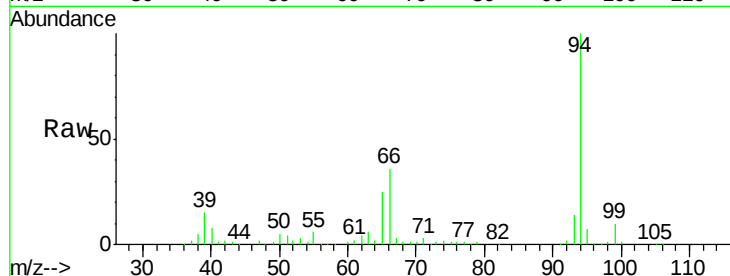
Tot Ion: 94 Resp: 394830

Ion Ratio Lower Upper

94 100

65 25.1 5.9 45.9

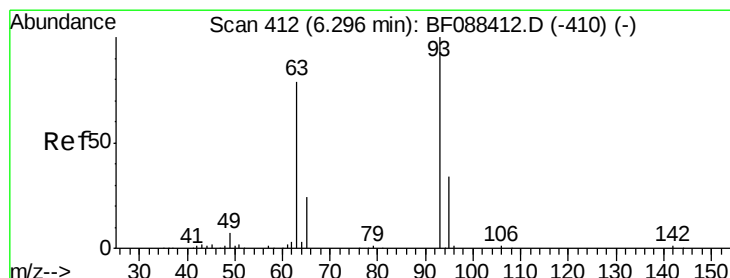
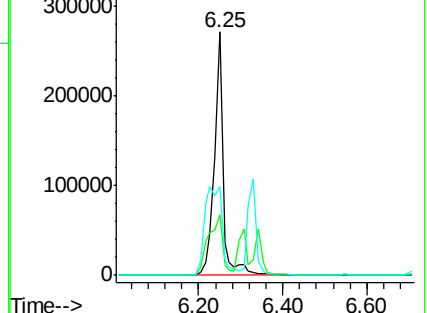
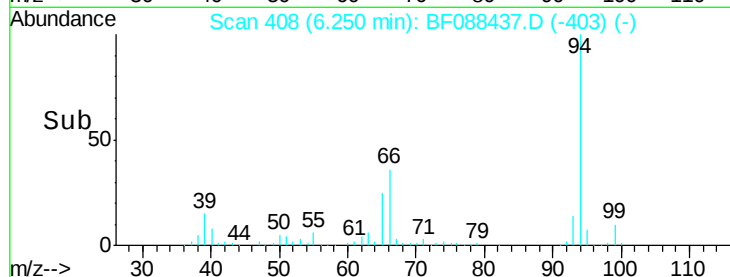
66 36.3 14.0 54.0



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: 14.51 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.27 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

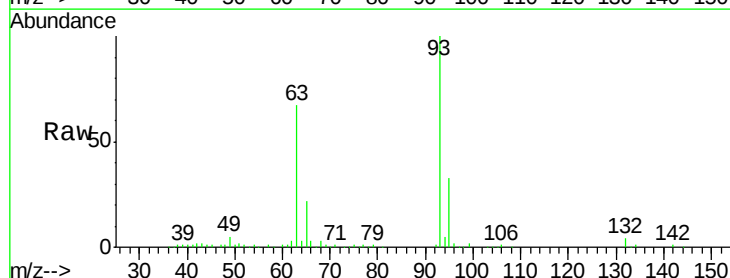
Tgt Ion: 93 Resp: 325890

Ion Ratio Lower Upper

93 100

63 66.7 67.6 107.6#

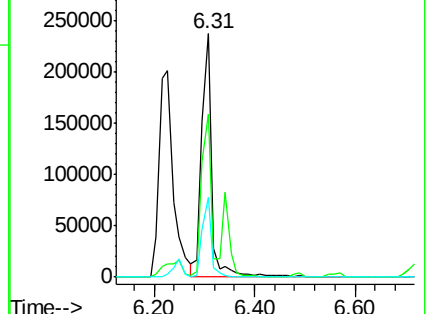
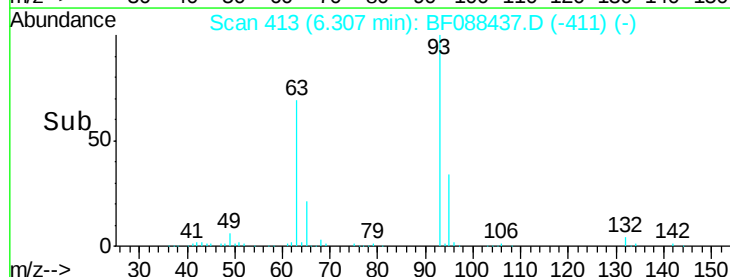
95 32.9 12.5 52.5

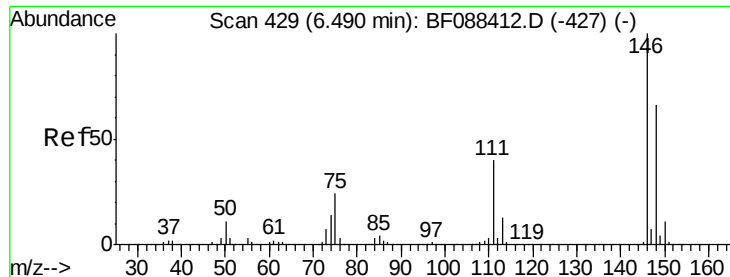


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

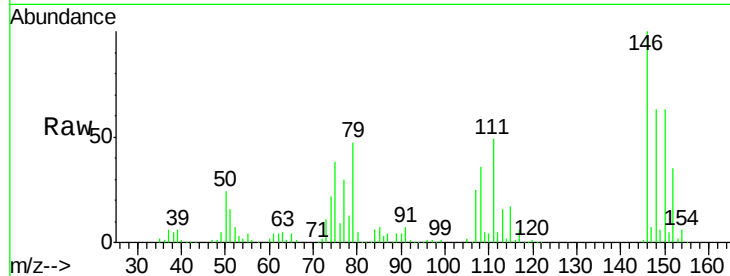




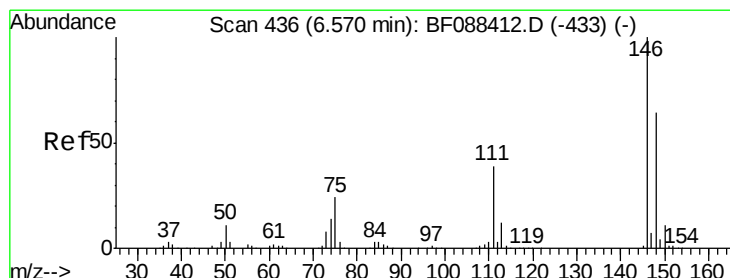
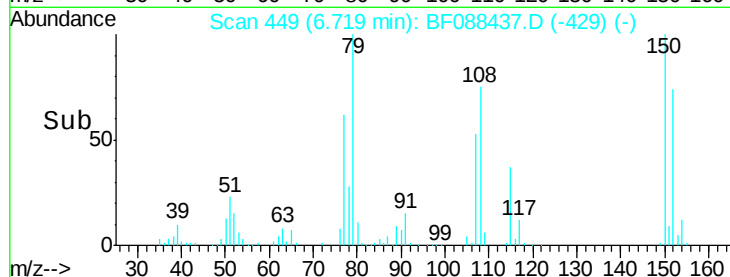
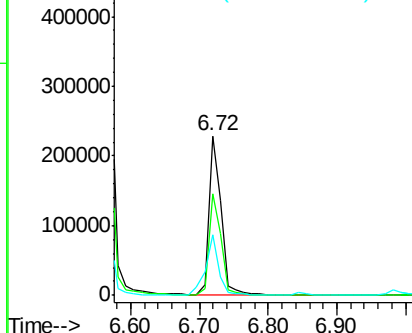
#12
 1,3-Dichlorobenzene
 Concen: 10.47 ng
 RT: 6.72 min Scan# 449
 Delta R.T. -0.07 min
 Lab File: BF088437.D
 Acq: 27 Jun 2016 5:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.9	76.3
75	38.0	25.6	38.4

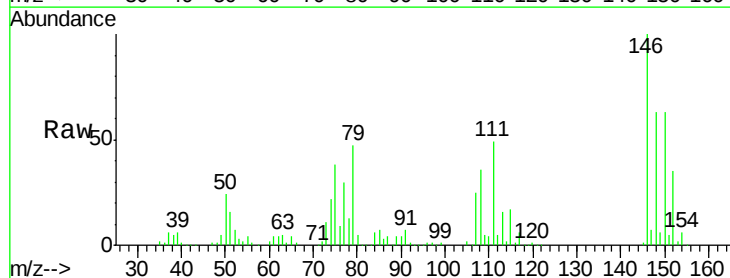


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

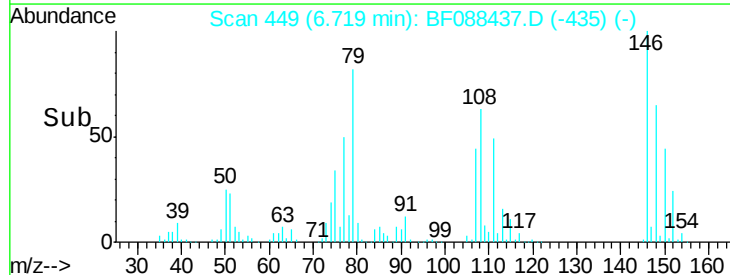
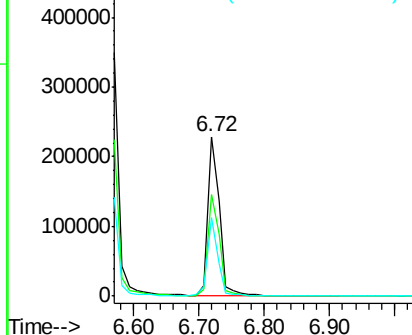


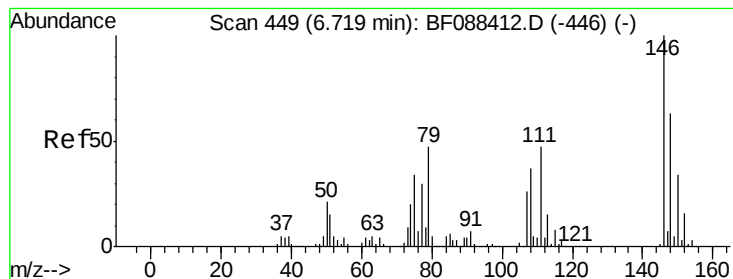
#13
 1,4-Dichlorobenzene
 Concen: 10.43 ng
 RT: 6.72 min Scan# 449
 Delta R.T. -0.14 min
 Lab File: BF088437.D
 Acq: 27 Jun 2016 5:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.0	78.0
111	49.5	33.8	50.8



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

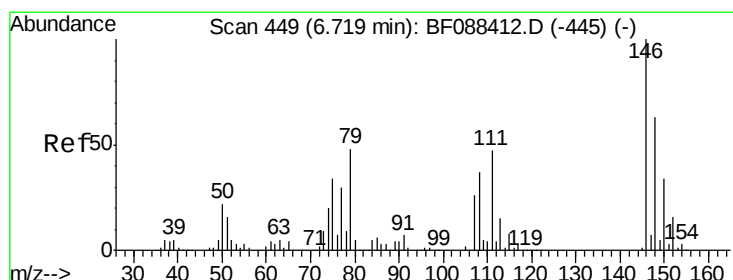
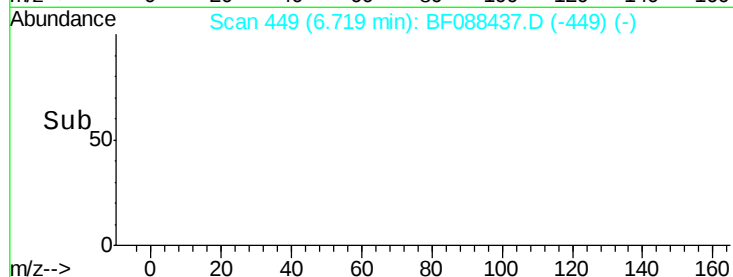
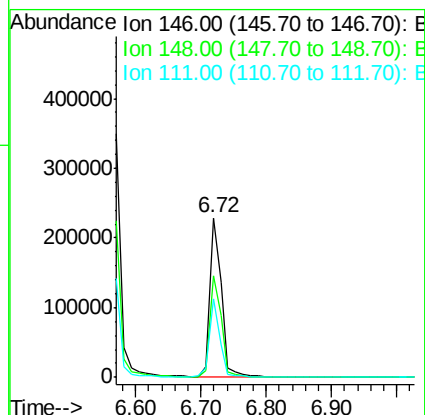
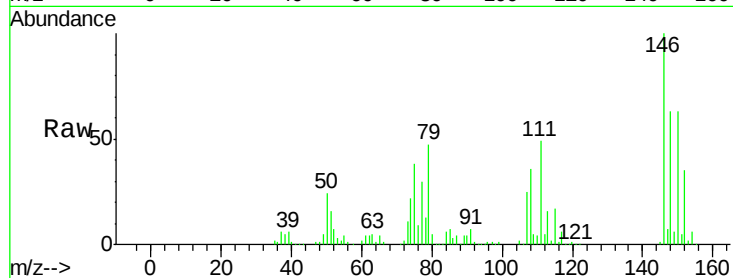




#14
 1,2-Dichlorobenzene
 Concen: 11.41 ng
 RT: 6.72 min Scan# 449
 Delta R.T. -0.30 min
 Lab File: BF088437.D
 Acq: 27 Jun 2016 5:04

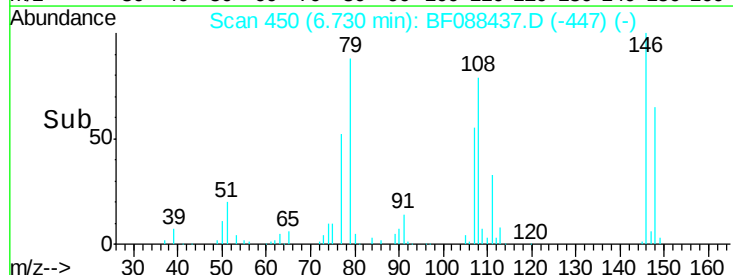
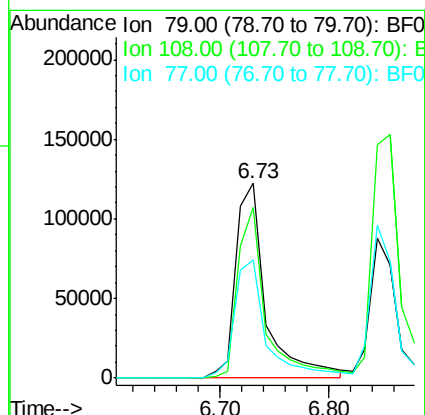
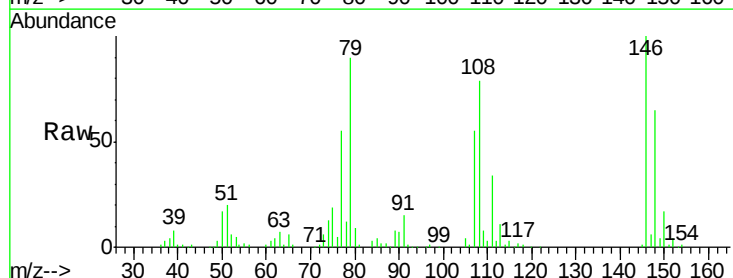
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

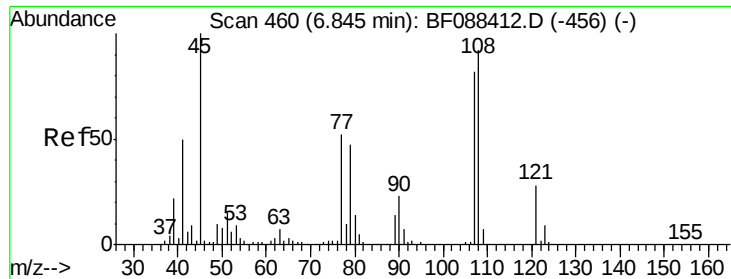
Tot Ion:146 Resp: 280413
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.3 78.5
 111 49.5 28.7 43.1#



#15
 Benzyl Alcohol
 Concen: 11.71 ng
 RT: 6.73 min Scan# 450
 Delta R.T. -0.26 min
 Lab File: BF088437.D
 Acq: 27 Jun 2016 5:04

Tgt Ion: 79 Resp: 234669
 Ion Ratio Lower Upper
 79 100
 108 87.7 65.0 97.6
 77 60.9 50.3 75.5

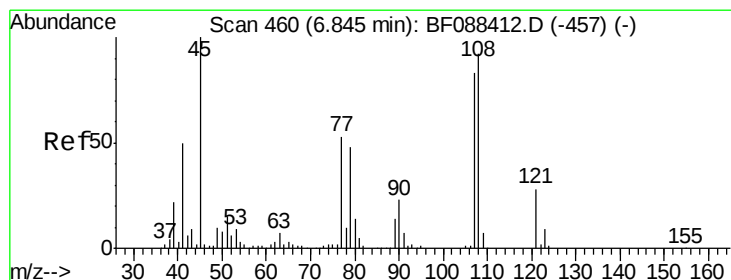
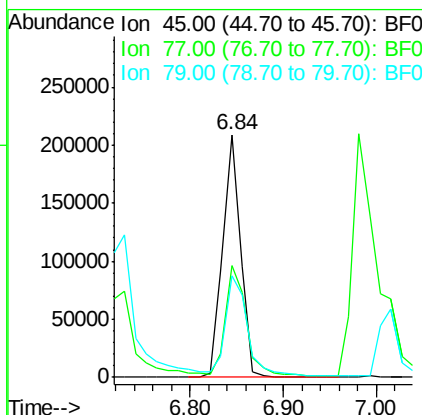
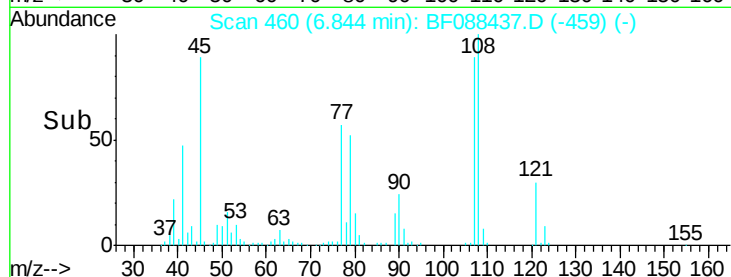
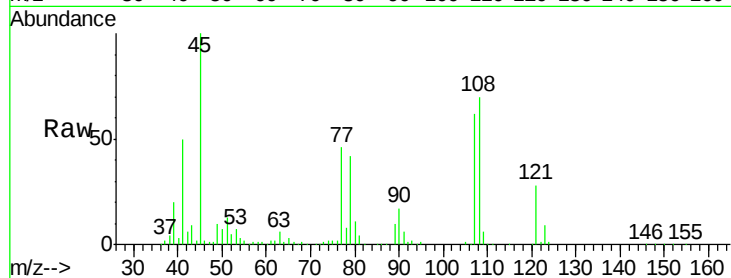




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 9.20 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.29 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

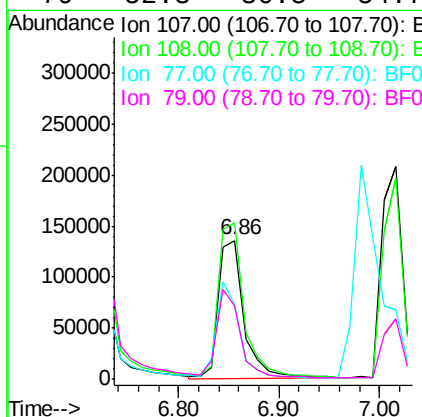
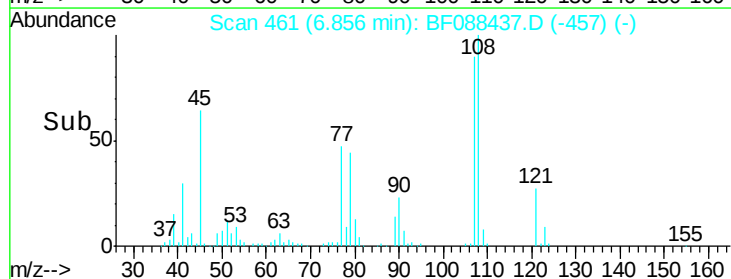
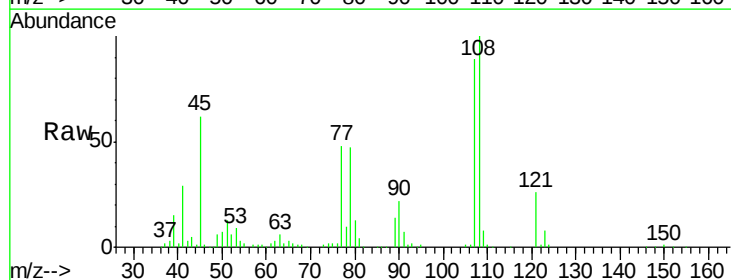
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

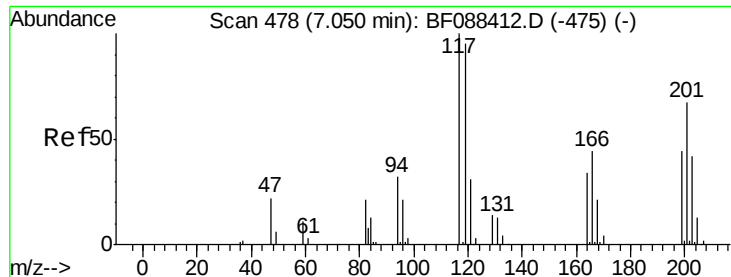
Tot Ion: 45 Resp: 279019
Ion Ratio Lower Upper
45 100
77 45.8 0.0 32.5#
79 41.8 0.0 29.5#



#17
2-Methylphenol
Concen: 11.92 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.25 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Tgt Ion: 107 Resp: 241869
Ion Ratio Lower Upper
107 100
108 112.4 90.9 136.3
77 53.9 36.6 55.0
79 52.3 36.5 54.7

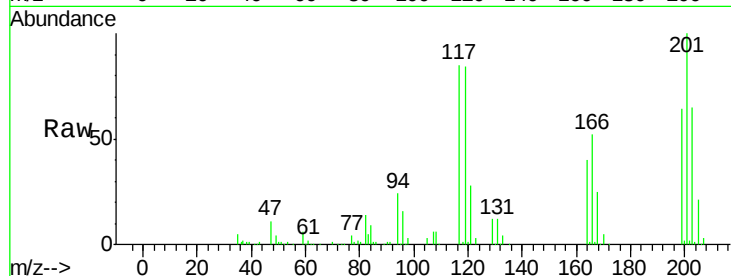




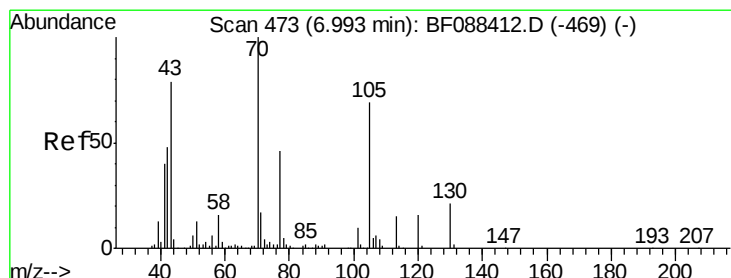
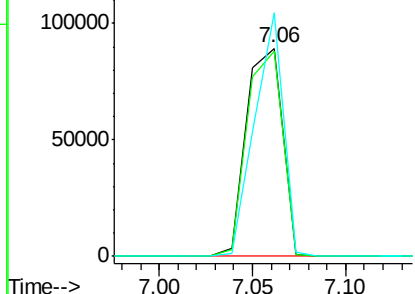
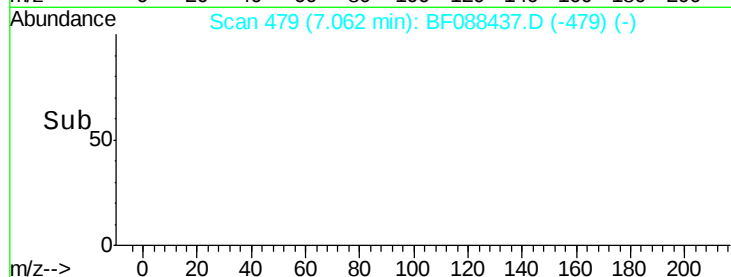
#18
Hexachloroethane
Concen: 12.47 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.30 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion:117 Resp: 119579
Ion Ratio Lower Upper
117 100
119 98.6 77.4 116.2
201 117.1 80.4 120.6

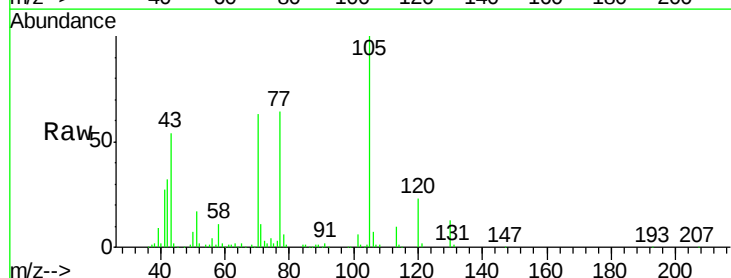


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

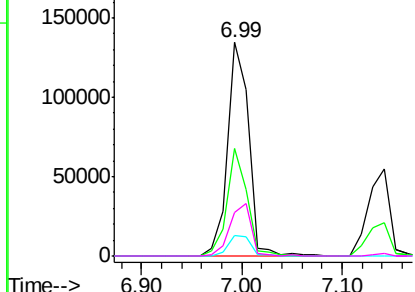
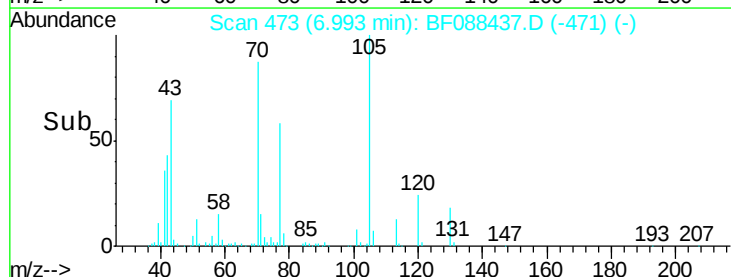


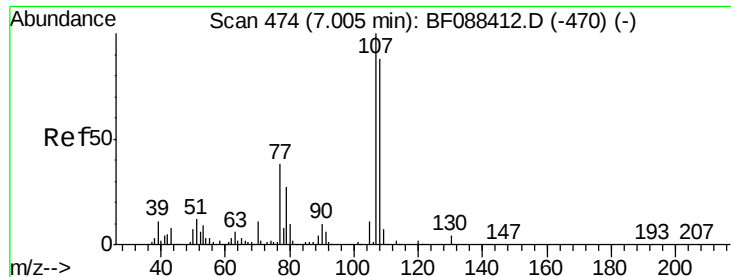
#19
n-Nitroso-di-n-propylamine
Concen: 12.03 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.27 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Tgt Ion: 70 Resp: 197143
Ion Ratio Lower Upper
70 100
42 50.4 49.6 74.4
101 9.6 7.1 10.7
130 20.6 15.4 23.2



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 13.43 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.24 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 317880

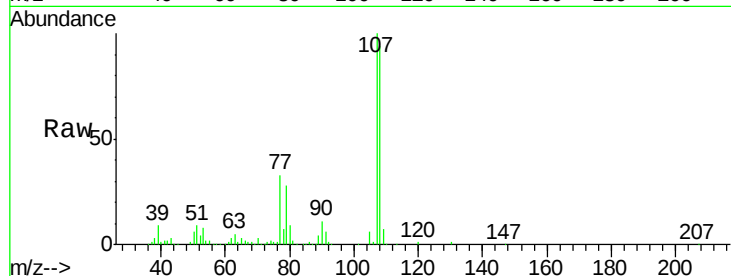
Ion Ratio Lower Upper

107 100

108 94.2 67.8 107.8

77 32.5 59.3 99.3#

79 28.4 7.0 47.0

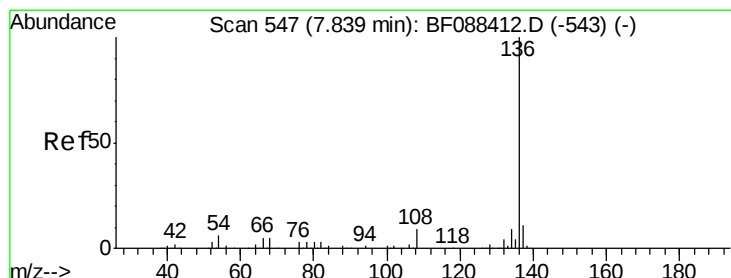
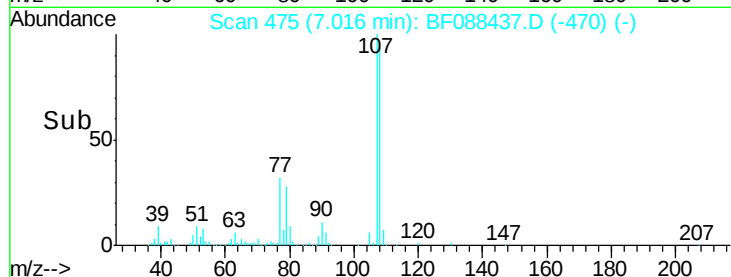
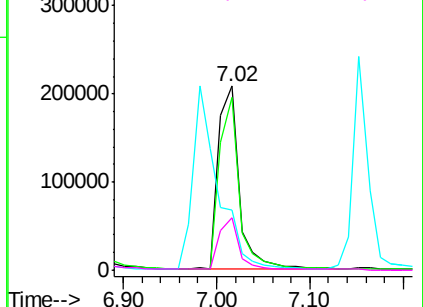


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 547

Delta R.T. -0.29 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

Tgt Ion:136 Resp: 458582

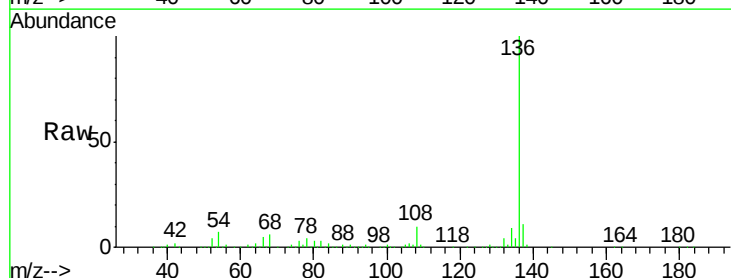
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 6.8 6.6 10.0

68 5.8 5.1 7.7

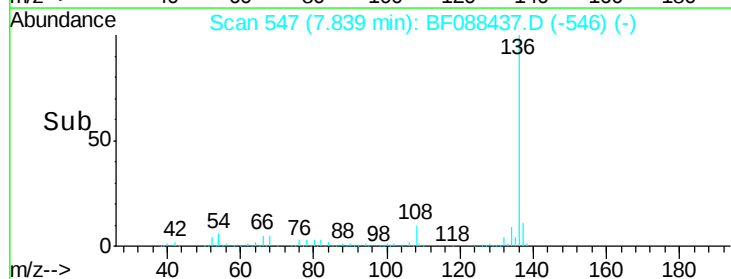
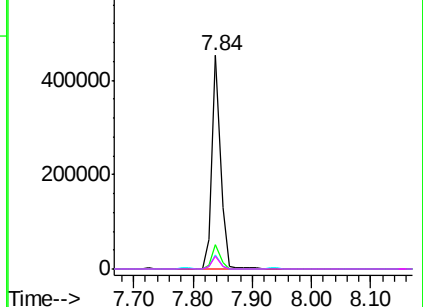


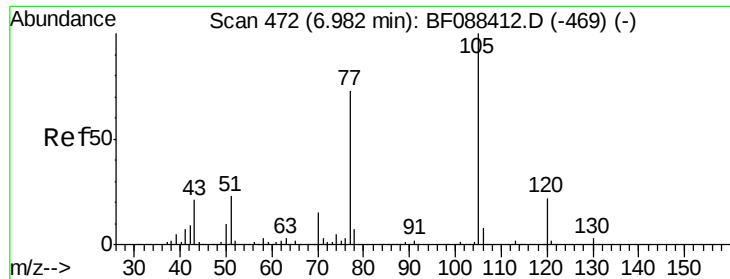
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 41.88 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.27 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:105 Resp: 429152

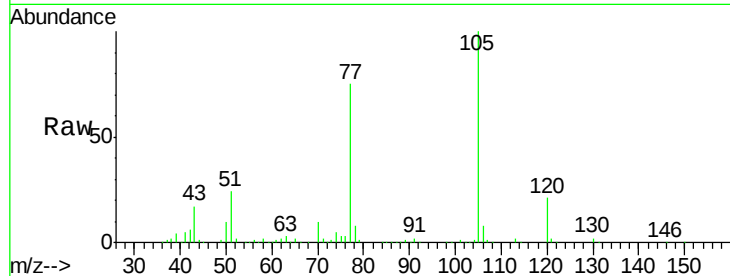
Ion Ratio Lower Upper

105 100

71 1.7 5.3 7.9#

51 23.6 18.2 27.4

120 21.1 18.0 27.0

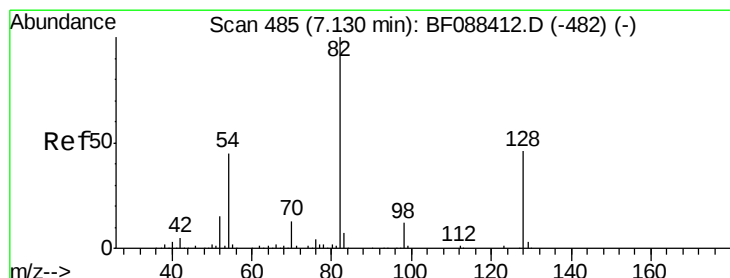
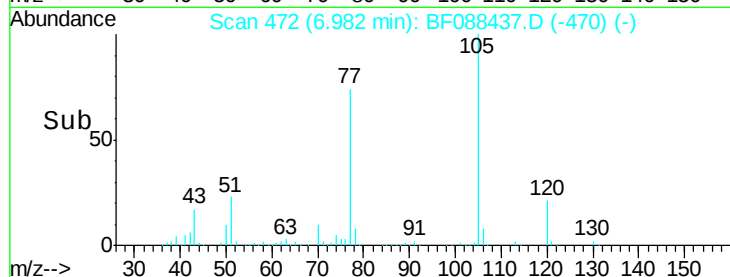
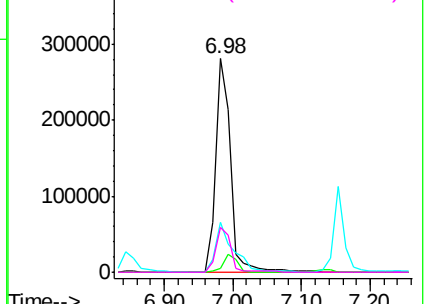


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 79.43 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.27 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

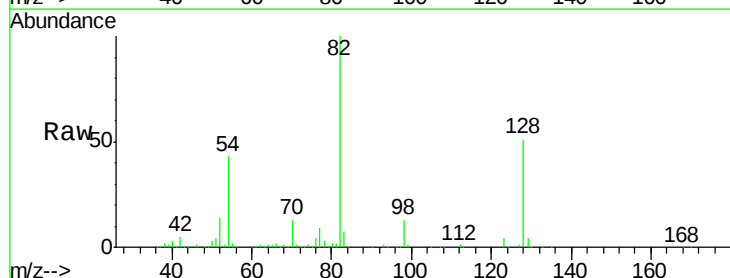
Tgt Ion: 82 Resp: 623786

Ion Ratio Lower Upper

82 100

128 50.8 35.9 53.9

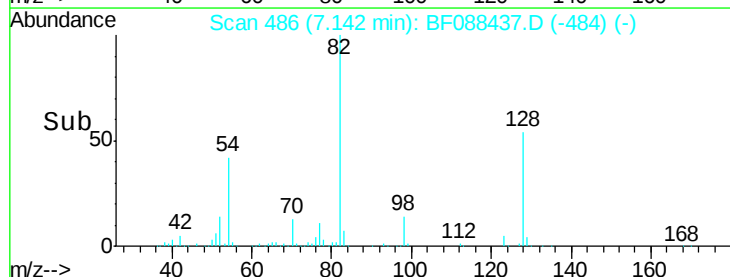
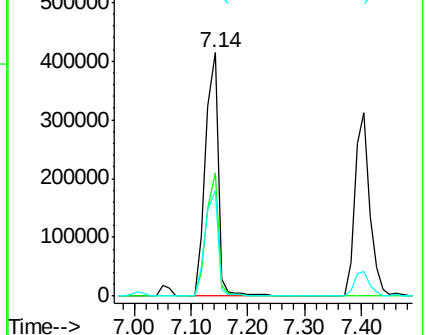
54 43.1 40.9 61.3

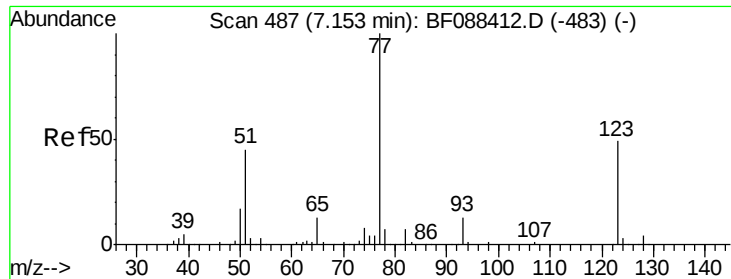


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

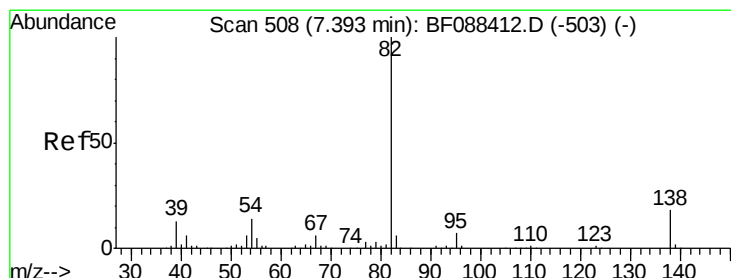
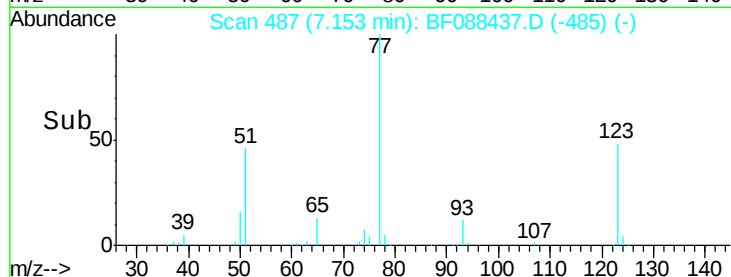
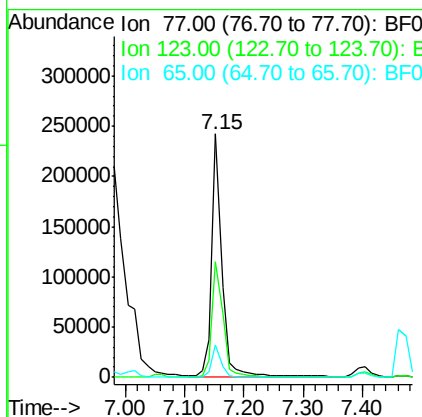
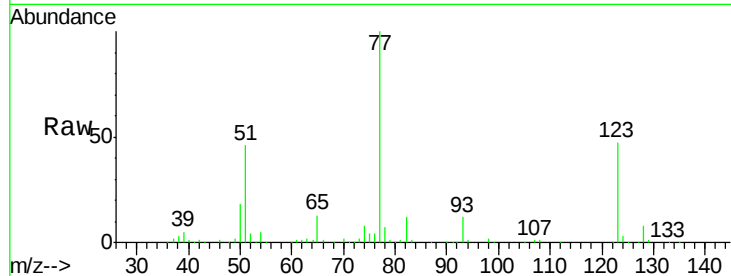




#24
Nitrobenzene
Concen: 37.05 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.27 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

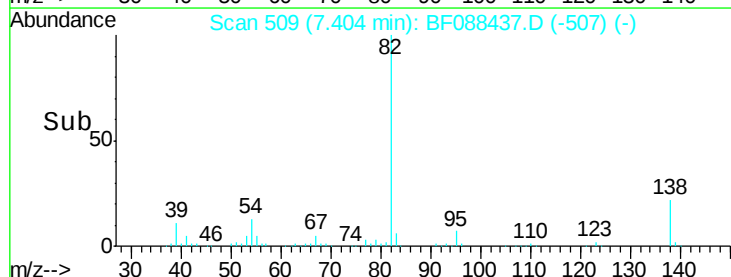
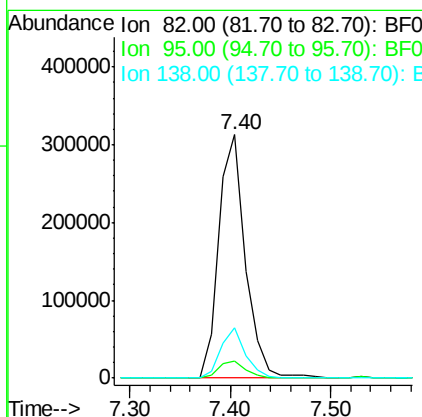
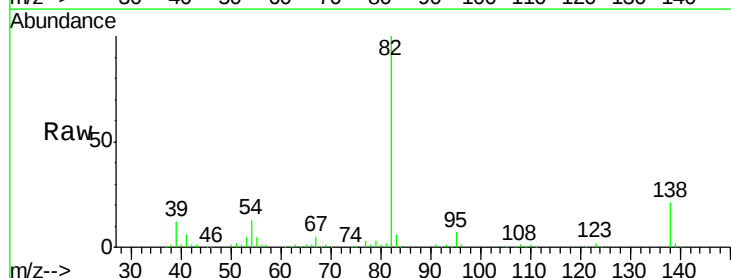
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

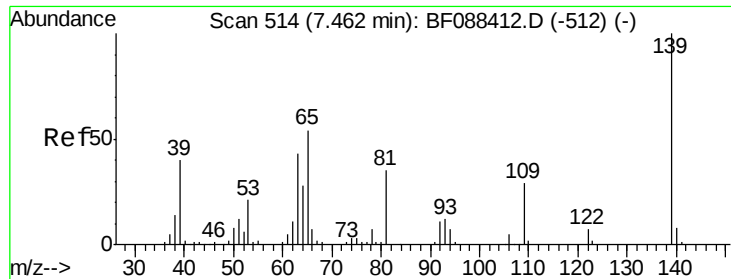
Tot Ion	77	Resp	281806
Ion Ratio	Lower	Upper	
77	100		
123	47.4	45.0	67.4
65	13.1	10.2	15.2



#25
Isophorone
Concen: 39.17 ng
RT: 7.40 min Scan# 509
Delta R.T. -0.27 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Tgt Ion	82	Resp	569715
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.4	8.2
138	20.7	14.6	21.8

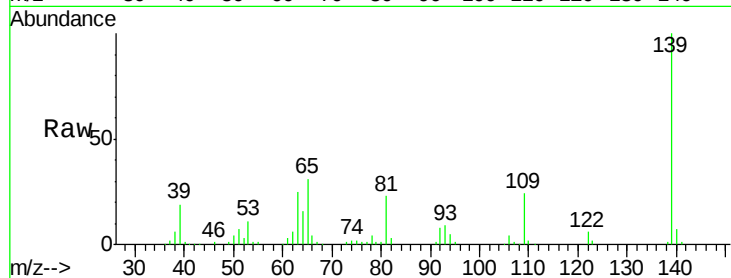




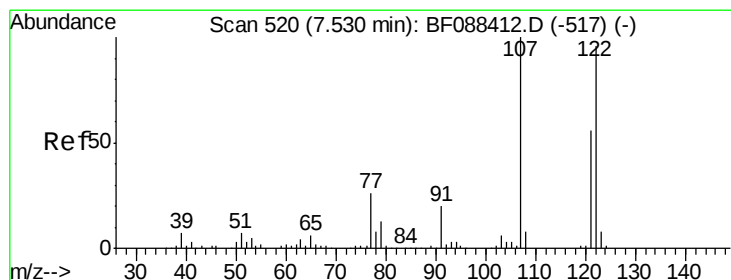
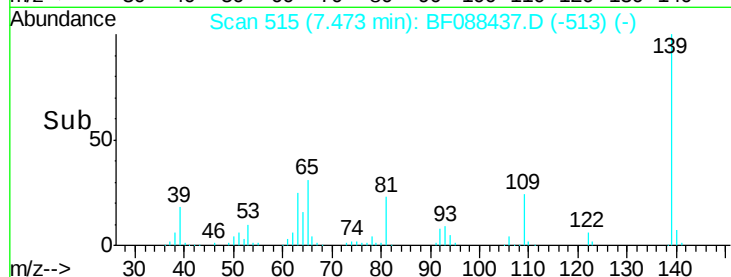
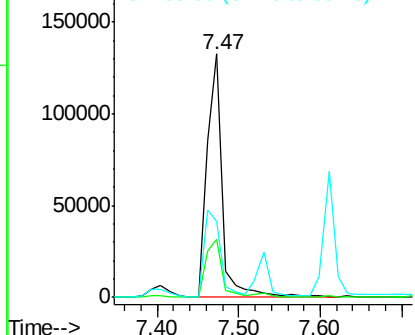
#26
2-Nitrophenol
Concen: 43.35 ng
RT: 7.47 min Scan# 515
Delta R.T. -0.27 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:139 Resp: 176647
Ion Ratio Lower Upper
139 100
109 23.9 23.0 34.4
65 31.0 45.8 68.8#

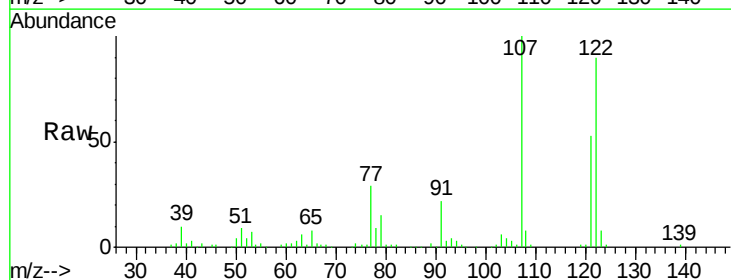


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

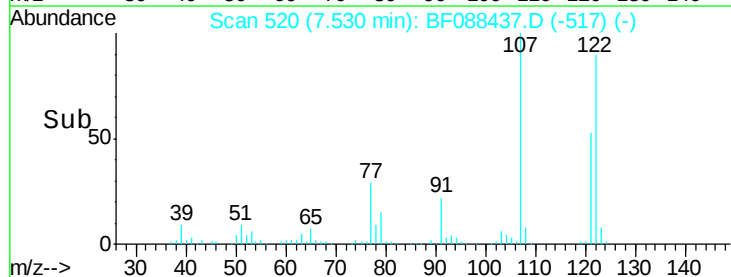
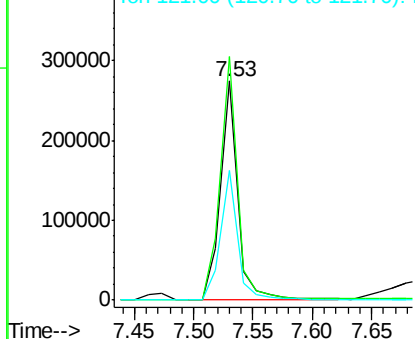


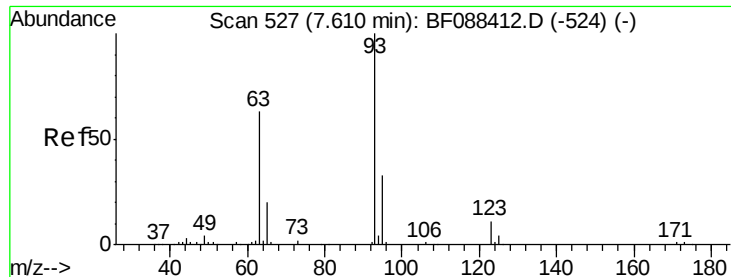
#27
2,4-Dimethylphenol
Concen: 36.40 ng
RT: 7.53 min Scan# 520
Delta R.T. -0.26 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Tgt Ion:122 Resp: 273117
Ion Ratio Lower Upper
122 100
107 111.3 82.4 123.6
121 59.4 46.3 69.5



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

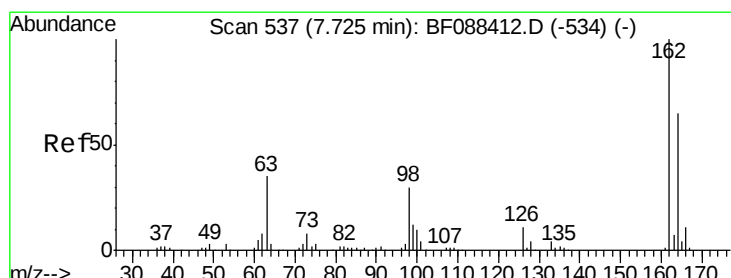
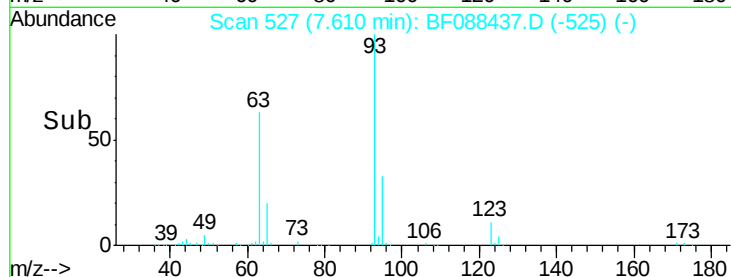
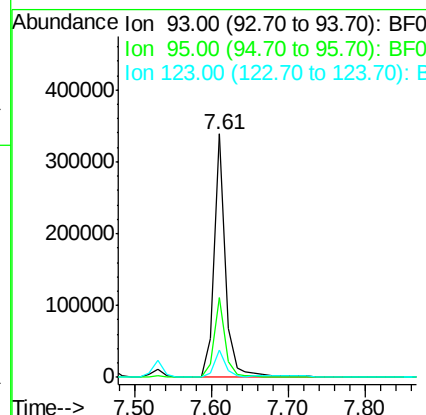
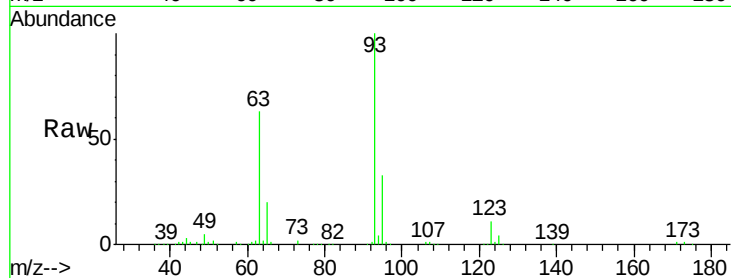




#28
bis(2-Chloroethoxy)methane
Concen: 38.03 ng
RT: 7.61 min Scan# 527
Delta R.T. -0.27 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

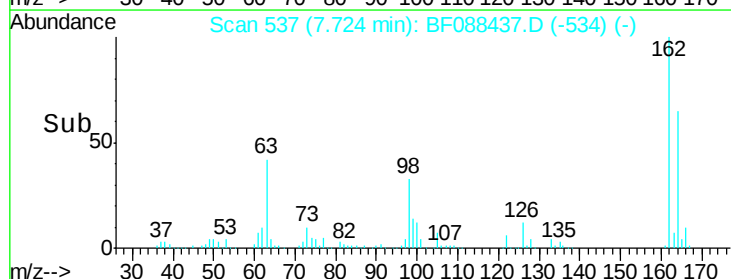
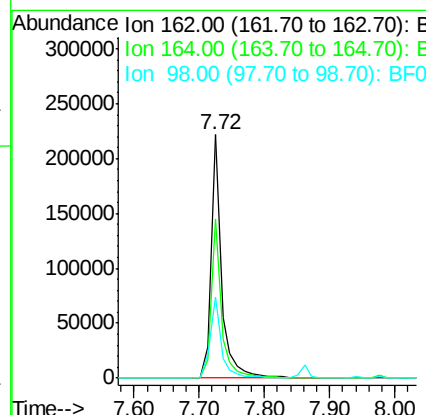
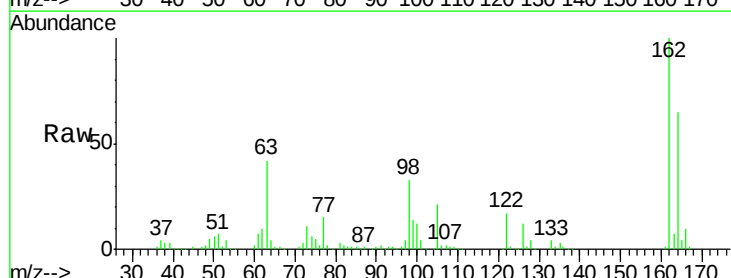
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

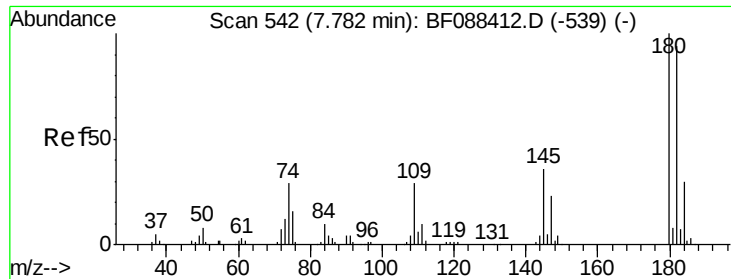
Tot Ion: 93 Resp: 343122
Ion Ratio Lower Upper
93 100
95 32.8 26.5 39.7
123 11.0 11.6 17.4#



#29
2,4-Dichlorophenol
Concen: 39.44 ng
RT: 7.72 min Scan# 537
Delta R.T. -0.26 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Tgt Ion: 162 Resp: 247048
Ion Ratio Lower Upper
162 100
164 65.3 43.8 83.8
98 33.5 21.3 61.3

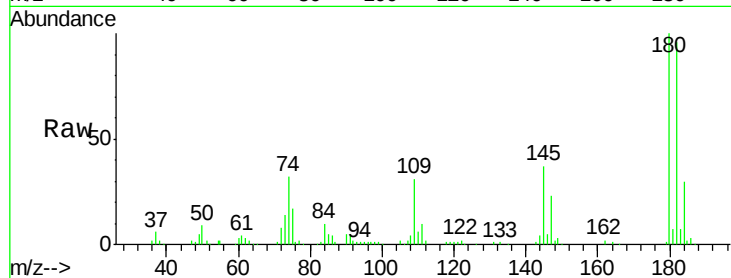




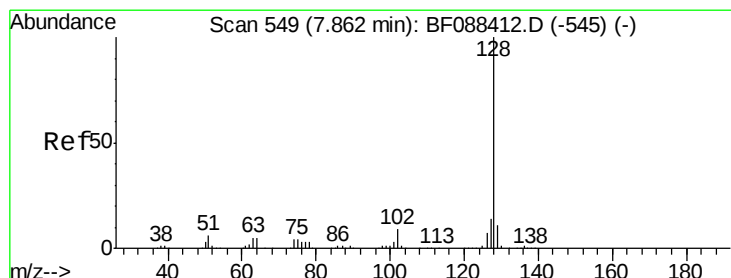
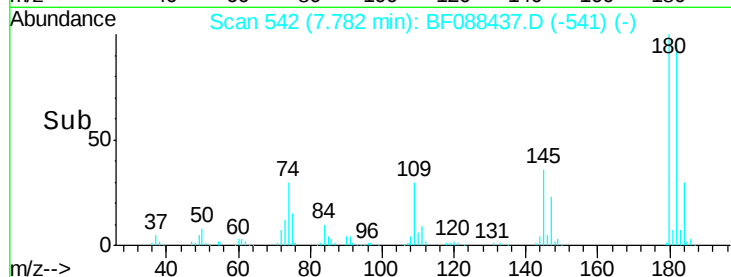
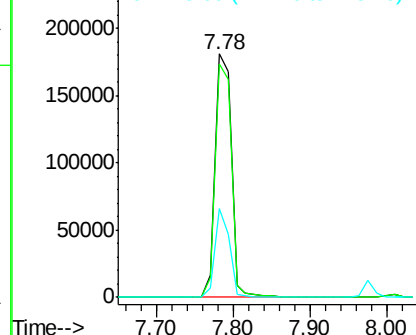
#30
1,2,4-Trichlorobenzene
Concen: 38.61 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.29 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:180 Resp: 263358
Ion Ratio Lower Upper
180 100
182 95.7 76.0 114.0
145 36.5 26.5 39.7

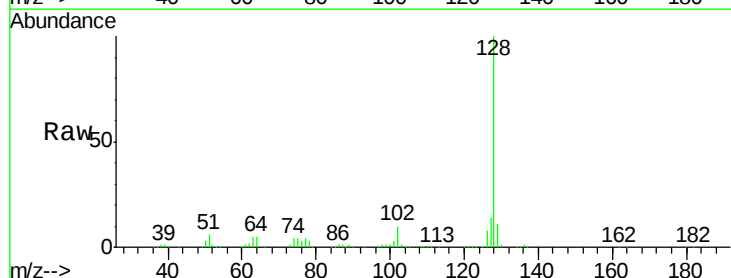


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

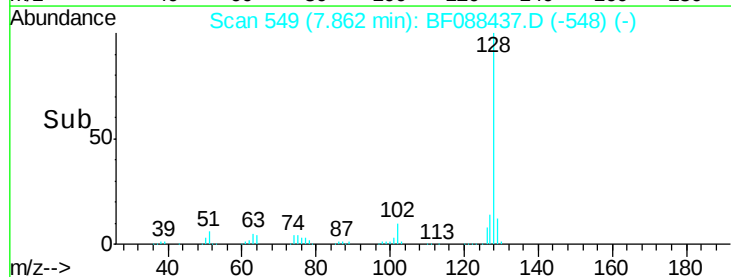
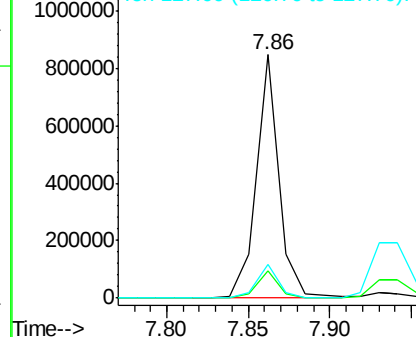


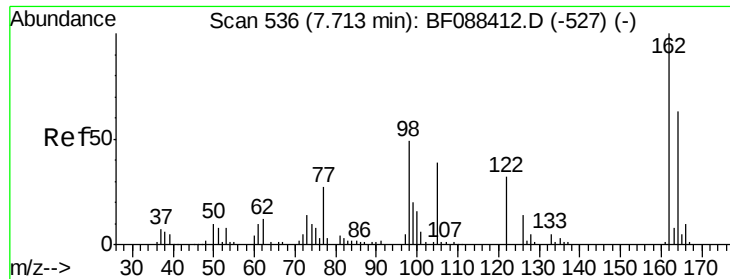
#31
Naphthalene
Concen: 35.88 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.29 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Tgt Ion:128 Resp: 814223
Ion Ratio Lower Upper
128 100
129 11.5 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

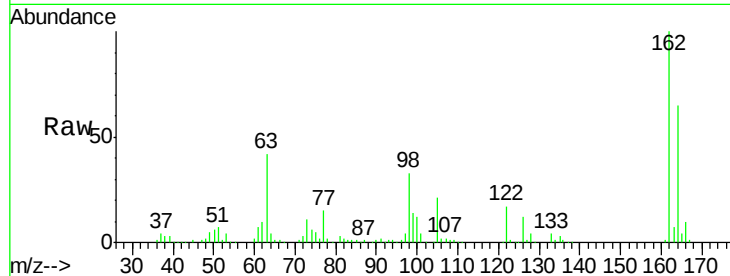




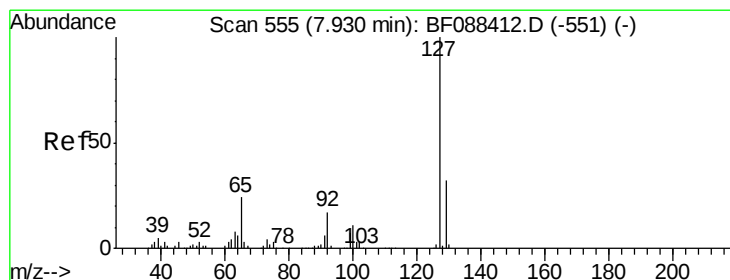
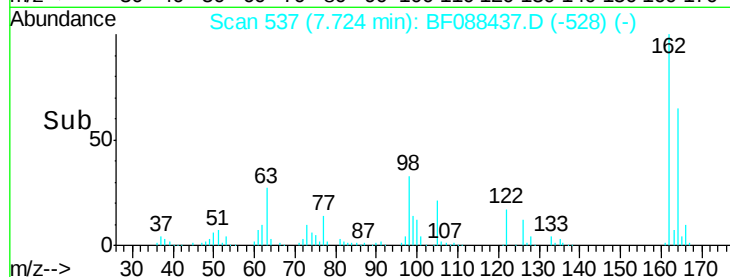
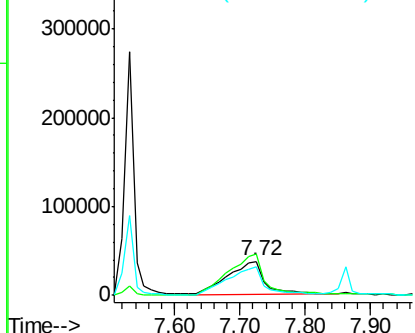
#32
Benzoic acid
Concen: 35.37 ng
RT: 7.72 min Scan# 537
Delta R.T. -0.19 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
105	120.5	101.6	141.6
77	85.3	70.6	110.6



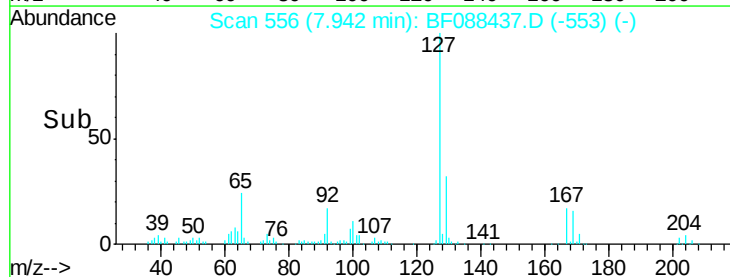
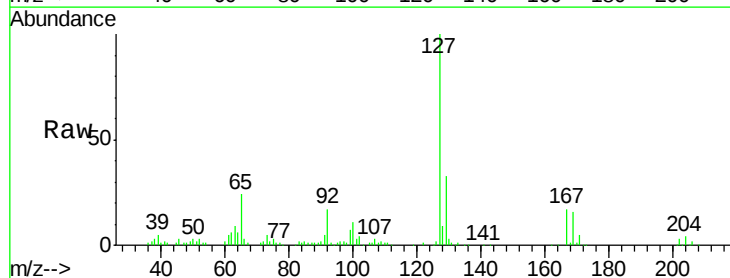
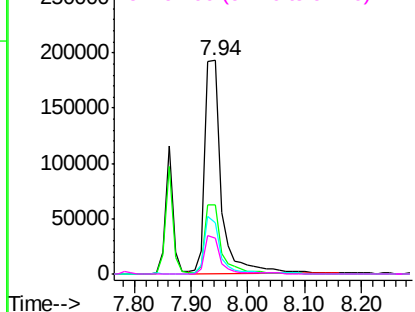
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

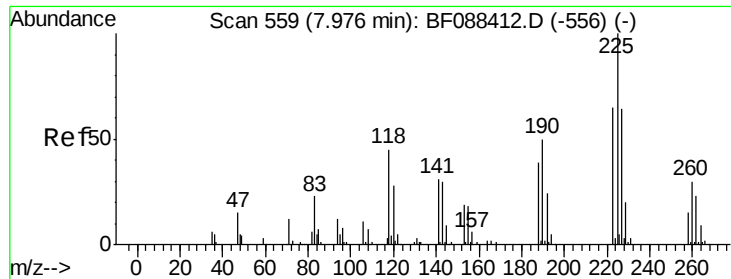


#33
4-Chloroaniline
Concen: 37.17 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.26 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.3	39.5
65	23.7	24.7	37.1#
92	16.7	15.4	23.0

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

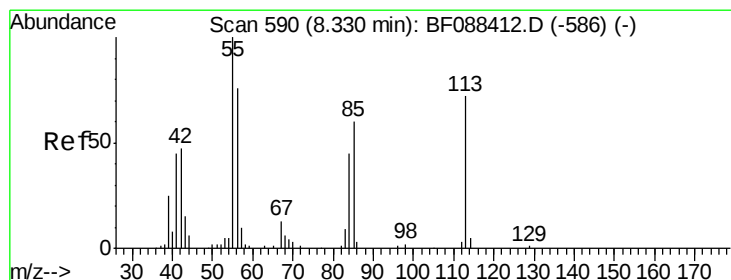
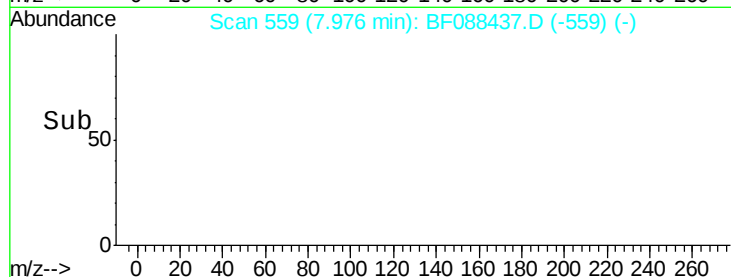
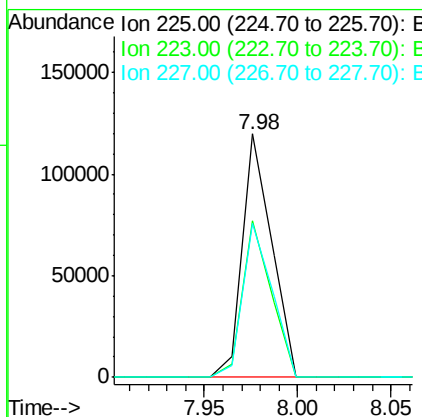
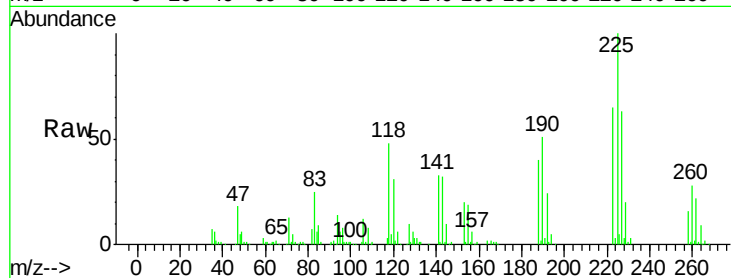




#34
Hexachlorobutadiene
Concen: 36.28 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.30 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

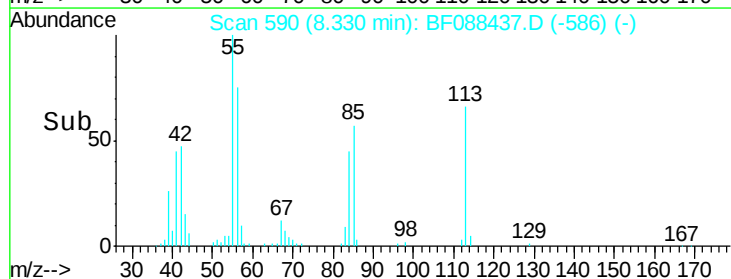
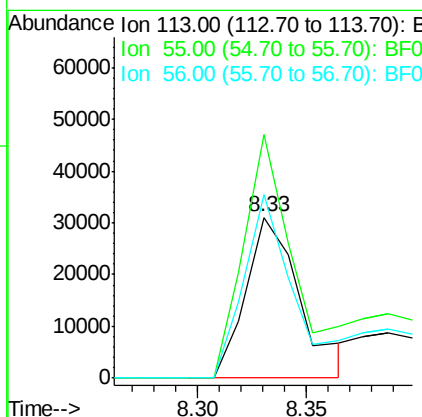
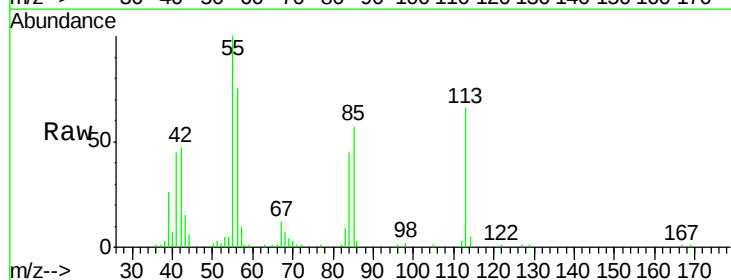
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

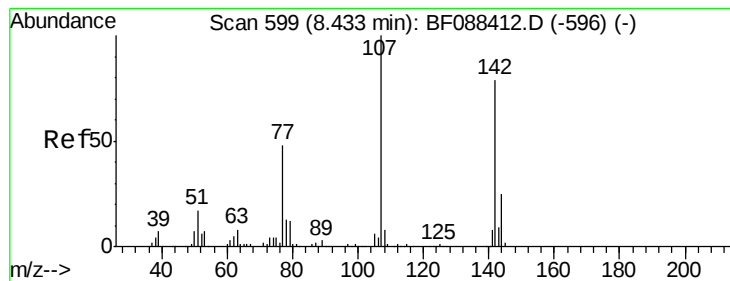
Tot Ion:225 Resp: 130523
Ion Ratio Lower Upper
225 100
223 64.5 50.9 76.3
227 63.3 51.9 77.9



#35
Caprolactam
Concen: 26.13 ng
RT: 8.33 min Scan# 590
Delta R.T. -0.25 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Tgt Ion:113 Resp: 54216
Ion Ratio Lower Upper
113 100
55 151.4 158.6 198.6#
56 113.7 110.6 150.6





#36

4-Chloro-3-methylphenol

Concen: 38.08 ng

RT: 8.43 min Scan# 599

Delta R.T. -0.25 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

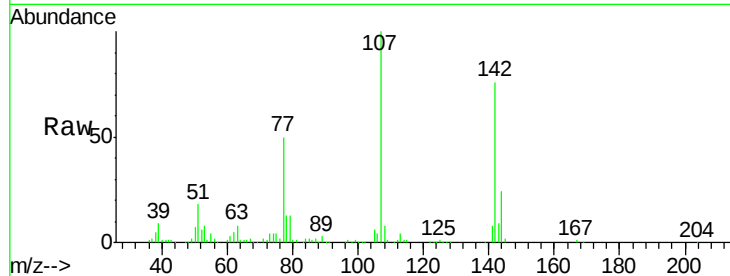
Tot Ion:107 Resp: 255141

Ion Ratio Lower Upper

107 100

144 24.4 20.8 31.2

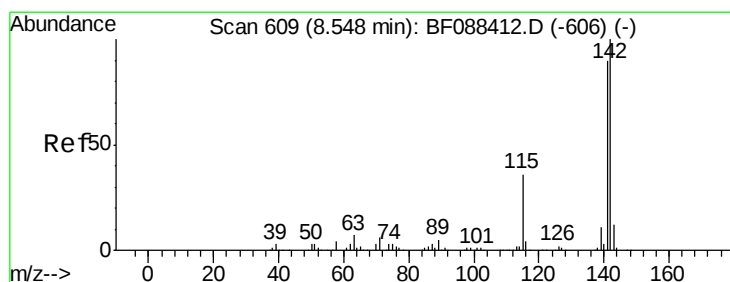
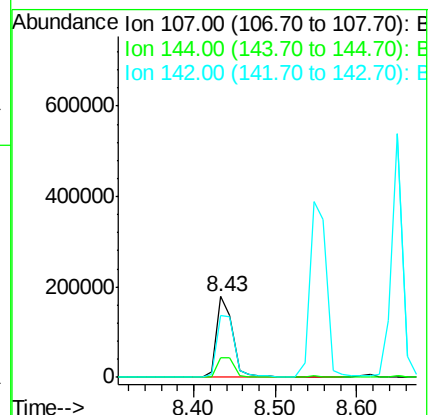
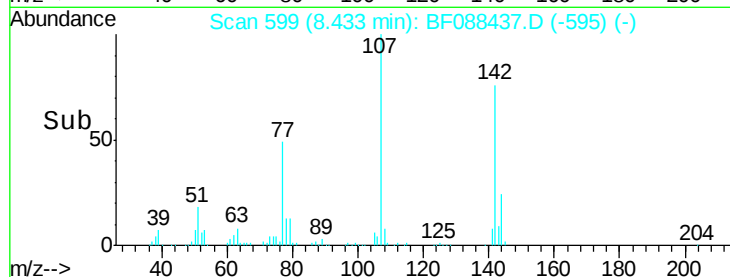
142 75.9 63.4 95.2



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 36.51 ng

RT: 8.55 min Scan# 609

Delta R.T. -0.30 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

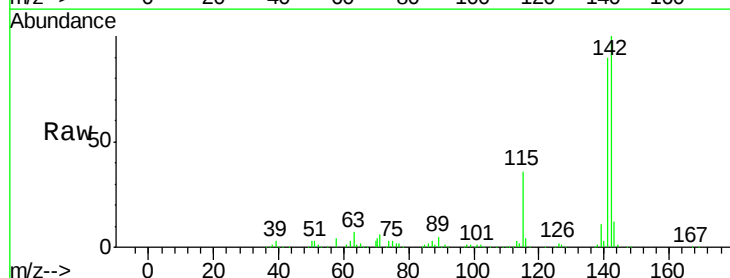
Tgt Ion:142 Resp: 546140

Ion Ratio Lower Upper

142 100

141 90.1 71.0 106.6

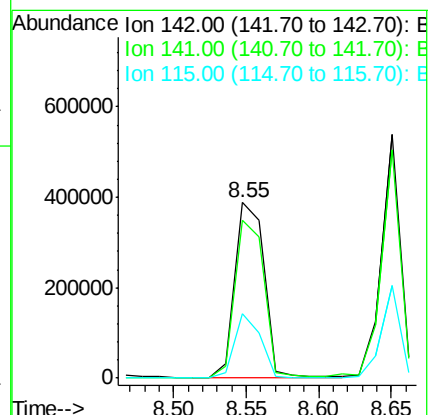
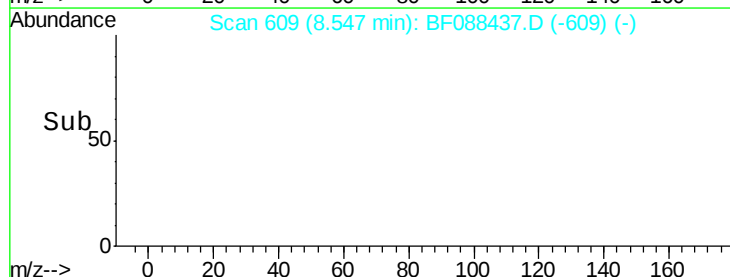
115 36.4 22.6 33.8#

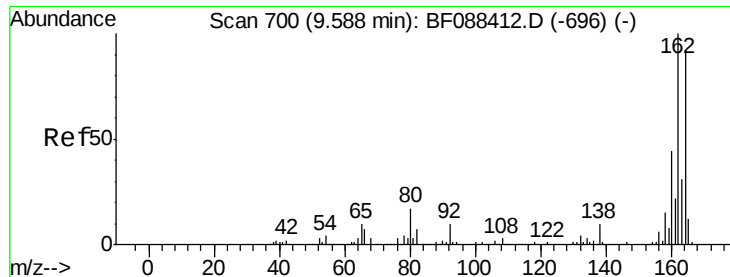


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

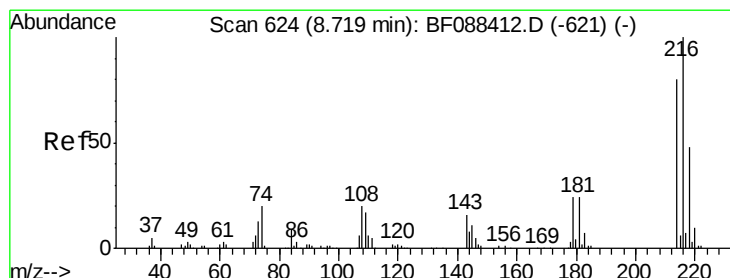
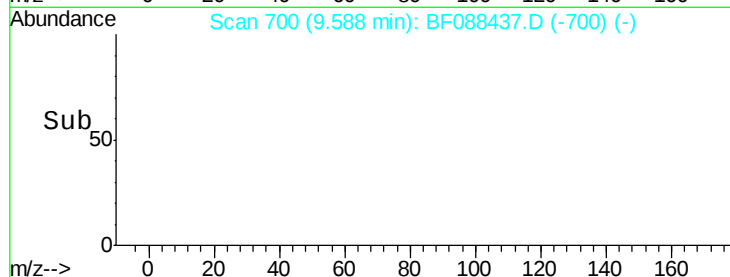
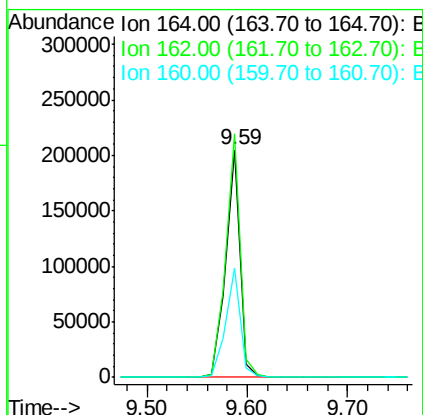
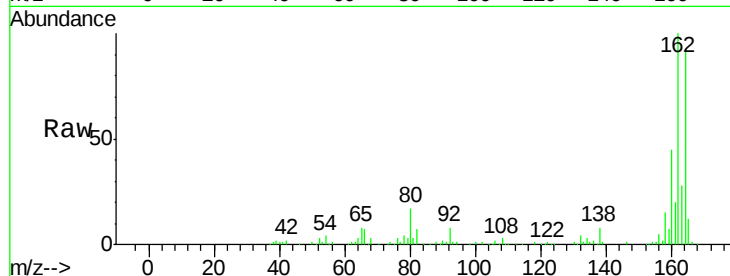




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.30 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

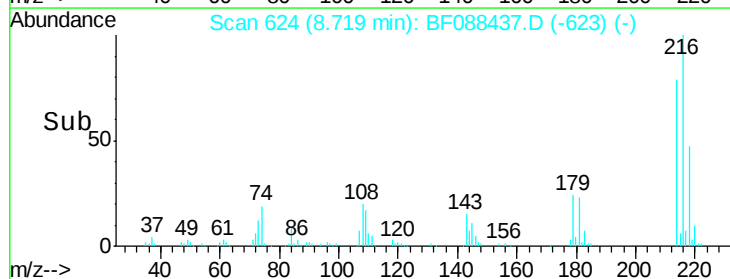
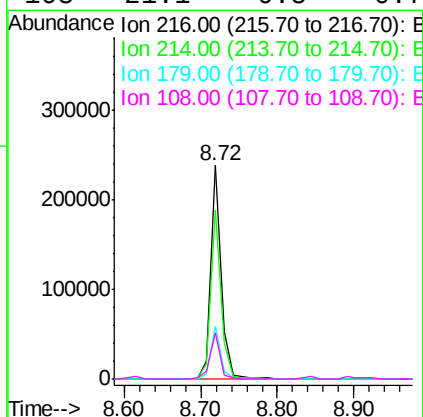
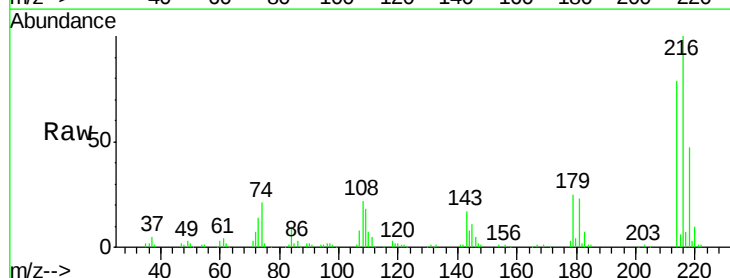
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

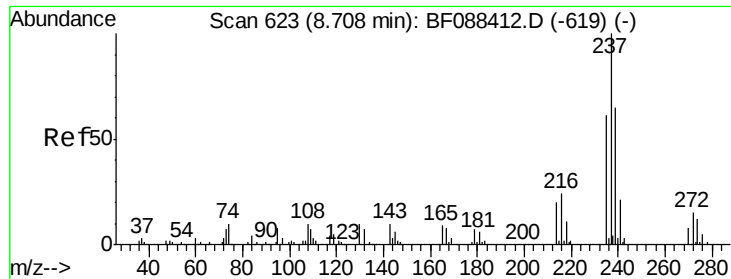
Tot Ion:164 Resp: 203346
Ion Ratio Lower Upper
164 100
162 107.0 85.4 128.2
160 48.1 39.5 59.3



#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.73 ng
RT: 8.72 min Scan# 624
Delta R.T. -0.29 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Tgt Ion:216 Resp: 222552
Ion Ratio Lower Upper
216 100
214 78.5 2.9 4.3#
179 23.3 0.0 0.0#
108 21.1 0.5 0.7#

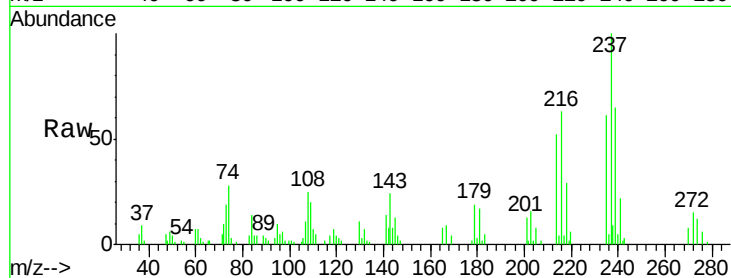




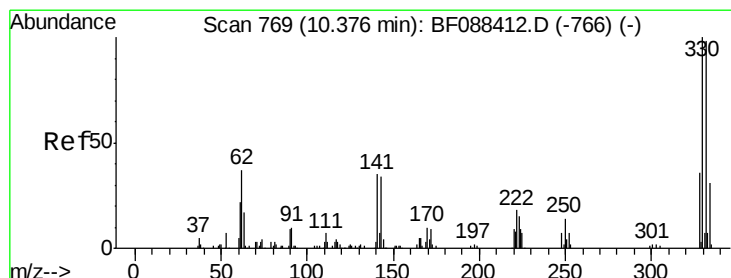
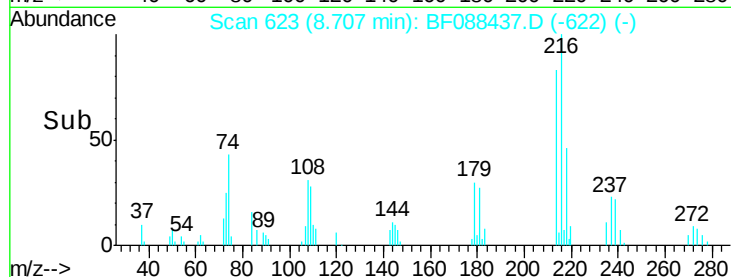
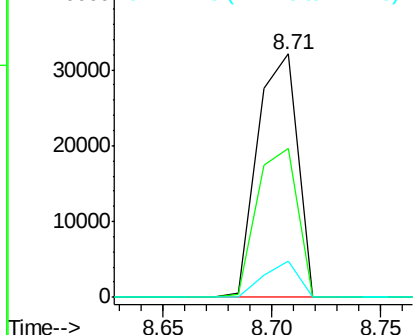
#40
Hexachlorocyclopentadiene
Concen: 12.59 ng
RT: 8.71 min Scan# 623
Delta R.T. -0.29 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:237 Resp: 41305
Ion Ratio Lower Upper
237 100
235 60.9 43.4 83.4
272 14.8 0.0 32.3

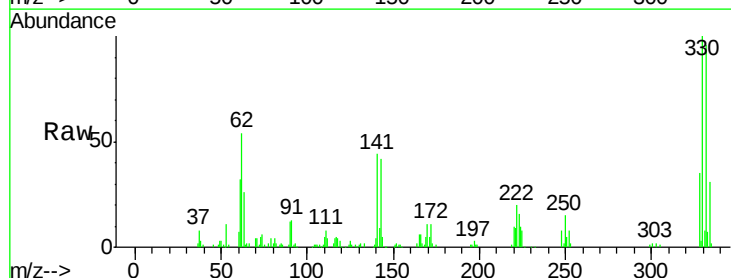


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

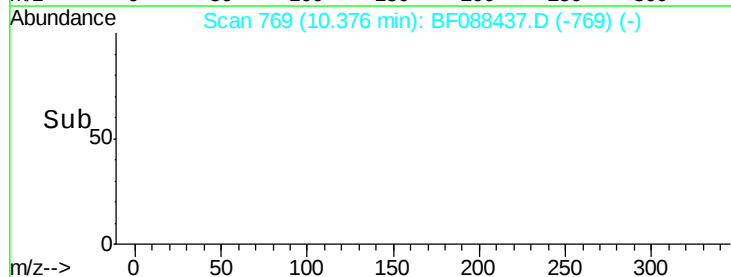
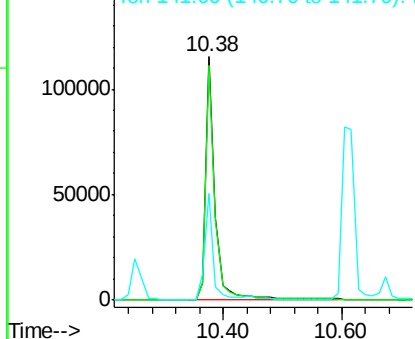


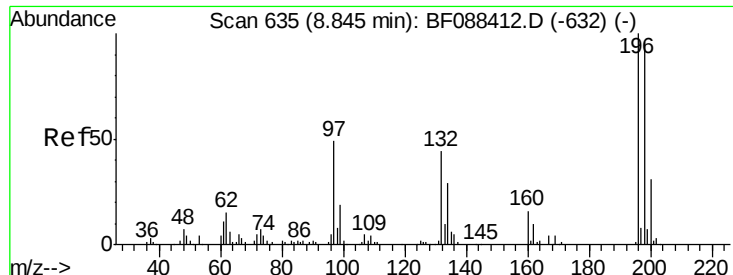
#41
2,4,6-Tribromophenol
Concen: 61.27 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.30 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Tgt Ion:330 Resp: 131555
Ion Ratio Lower Upper
330 100
332 96.7 0.0 0.0#
141 38.6 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

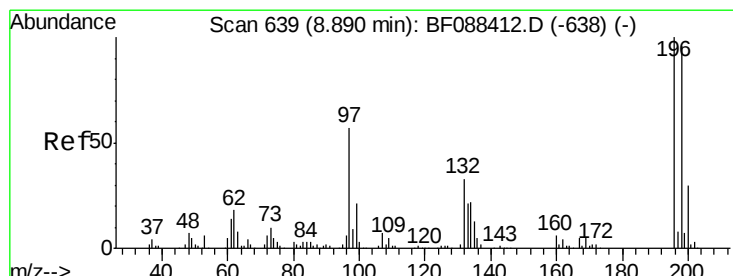
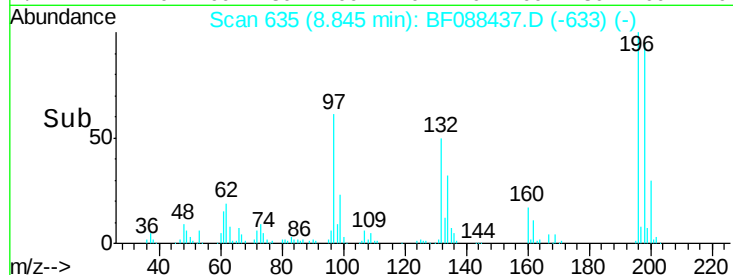
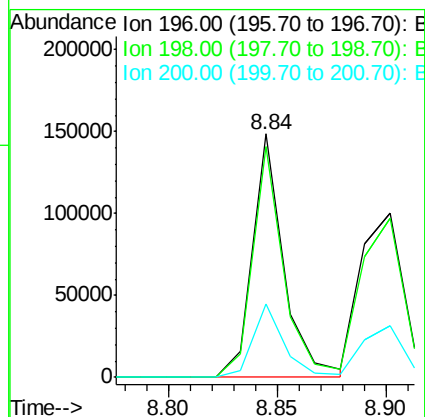
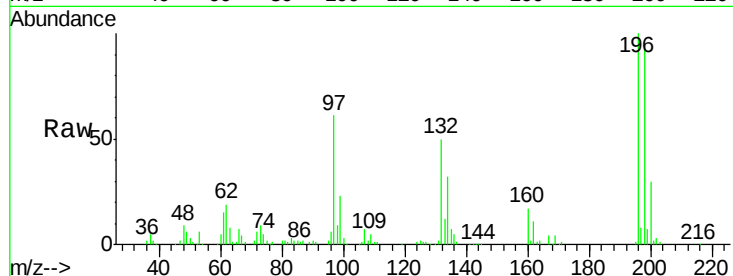




#42
 2,4,6-Trichlorophenol
 Concen: 36.60 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.27 min
 Lab File: BF088437.D
 Acq: 27 Jun 2016 5:04

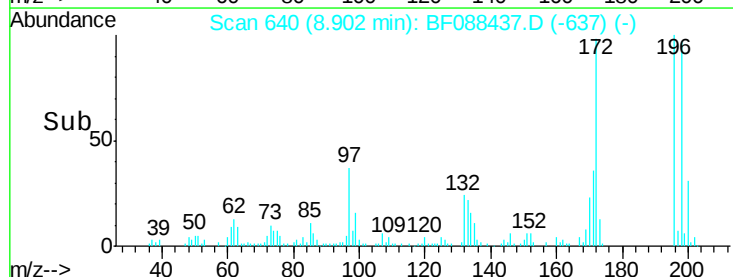
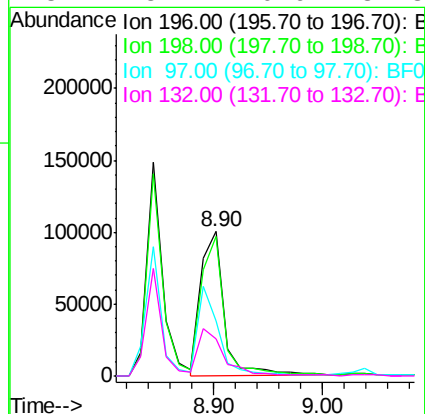
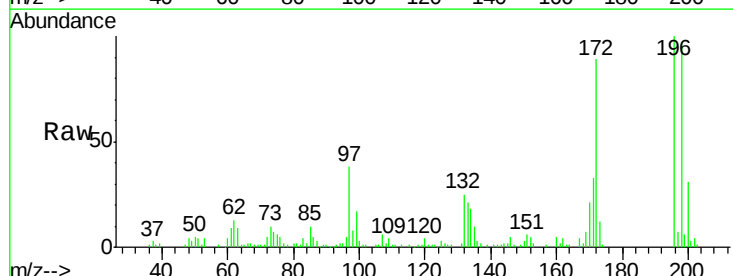
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

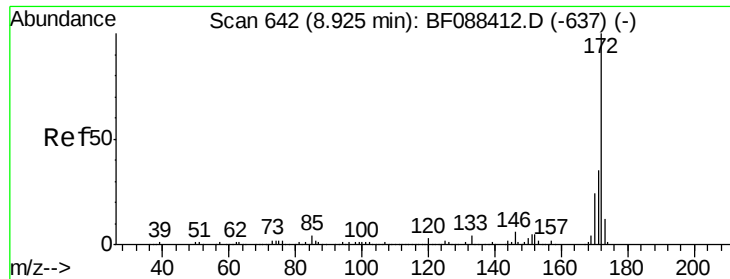
Tot Ion:196 Resp: 148813
 Ion Ratio Lower Upper
 196 100
 198 94.8 78.0 117.0
 200 30.4 25.4 38.2



#43
 2,4,5-Trichlorophenol
 Concen: 35.45 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.26 min
 Lab File: BF088437.D
 Acq: 27 Jun 2016 5:04

Tgt Ion:196 Resp: 149967
 Ion Ratio Lower Upper
 196 100
 198 96.9 77.5 116.3
 97 38.0 32.0 48.0
 132 25.4 20.9 31.3

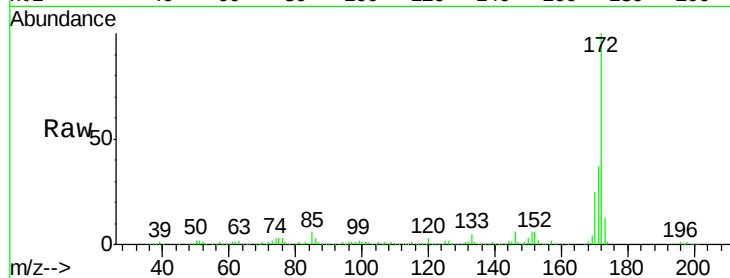




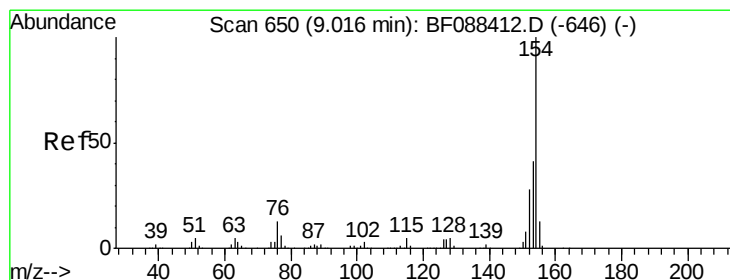
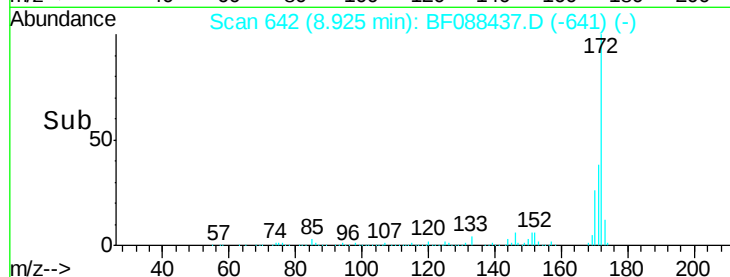
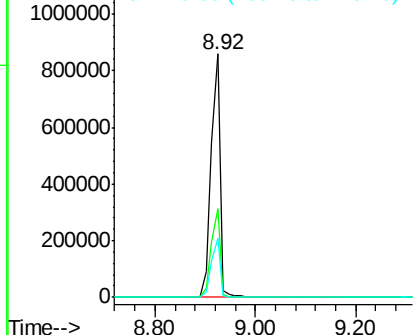
#44
2-Fluorobiphenyl
Concen: 82.71 ng
RT: 8.92 min Scan# 642
Delta R.T. -0.29 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 1072555
Ion Ratio Lower Upper
172 100
171 36.6 28.6 43.0
170 24.6 19.2 28.8

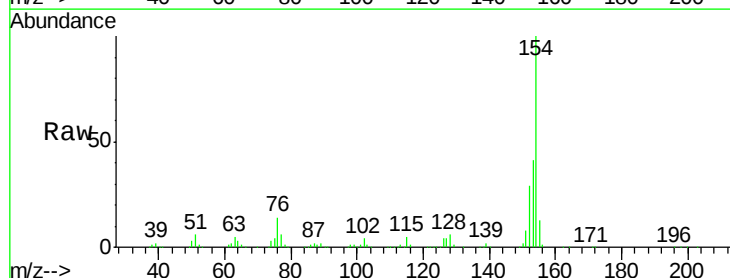


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

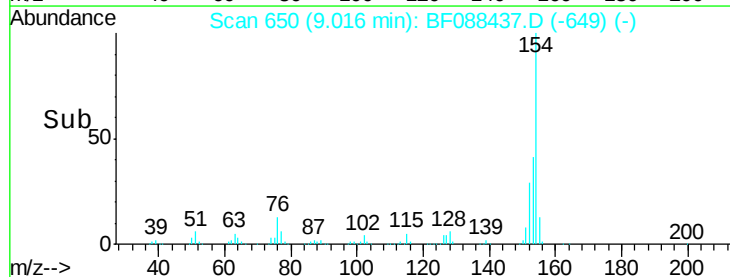
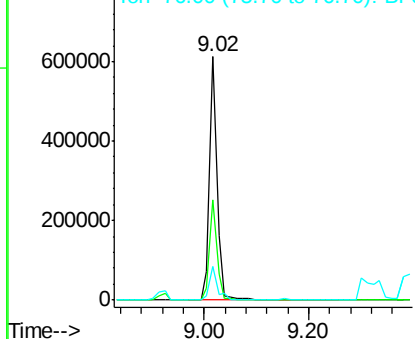


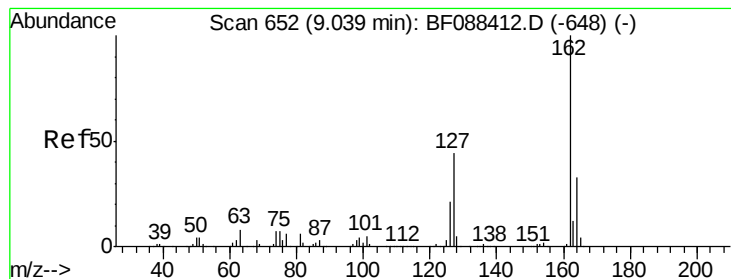
#45
1,1'-Biphenyl
Concen: 39.37 ng
RT: 9.02 min Scan# 650
Delta R.T. -0.29 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Tgt Ion:154 Resp: 612722
Ion Ratio Lower Upper
154 100
153 41.1 20.6 60.6
76 13.7 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

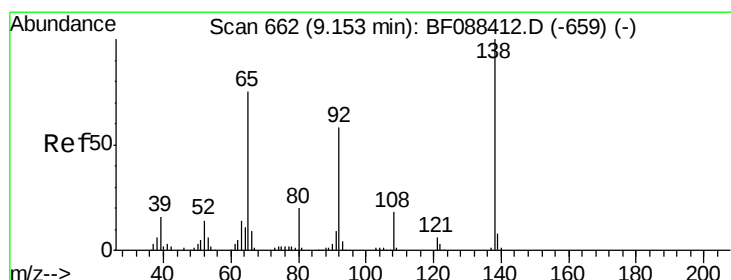
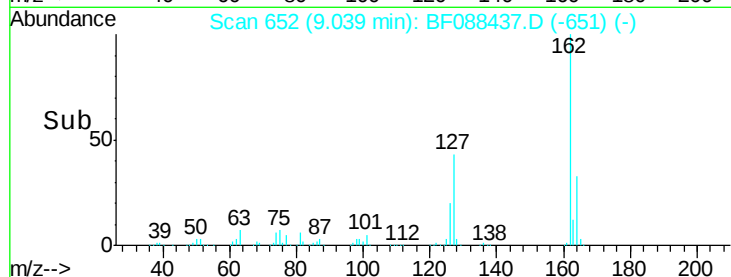
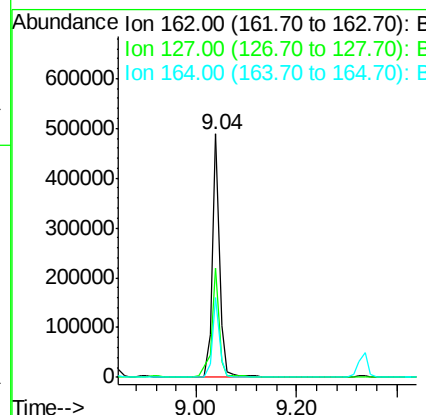
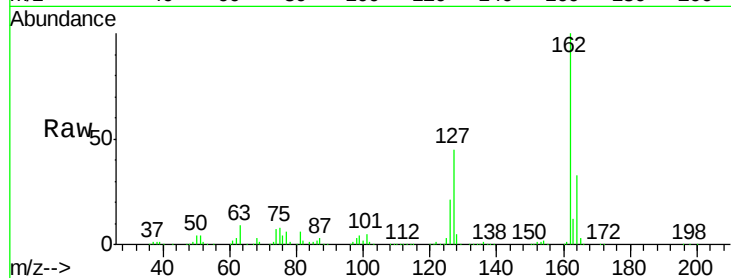




#46
2-Chloronaphthalene
Concen: 37.46 ng
RT: 9.04 min Scan# 652
Delta R.T. -0.29 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

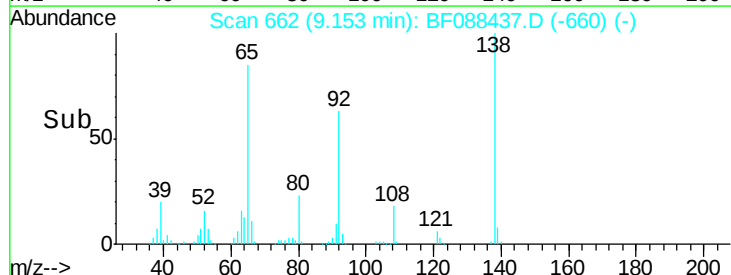
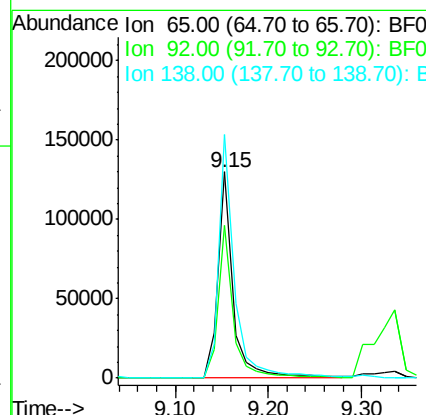
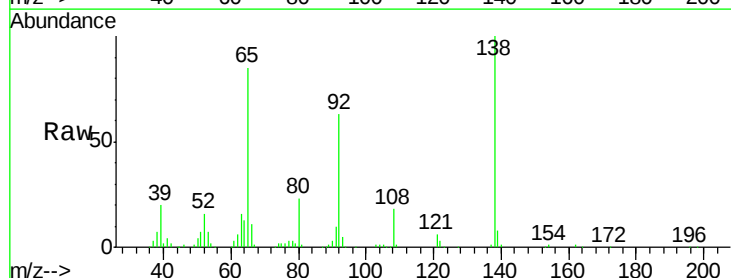
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

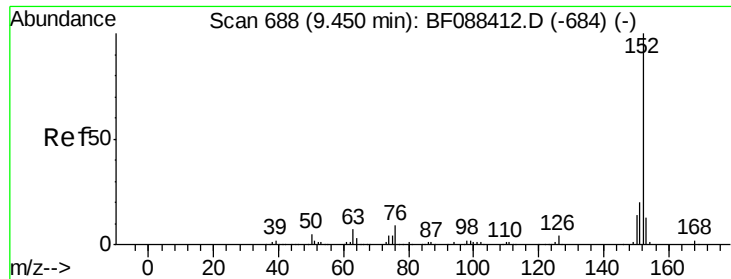
Tot Ion:162 Resp: 492904
Ion Ratio Lower Upper
162 100
127 44.8 35.2 52.8
164 32.6 26.6 39.8



#47
2-Nitroaniline
Concen: 38.16 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.27 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Tgt Ion: 65 Resp: 148108
Ion Ratio Lower Upper
65 100
92 74.4 54.6 82.0
138 118.2 77.0 115.4#





#48

Acenaphthylene

Concen: 38.97 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.30 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

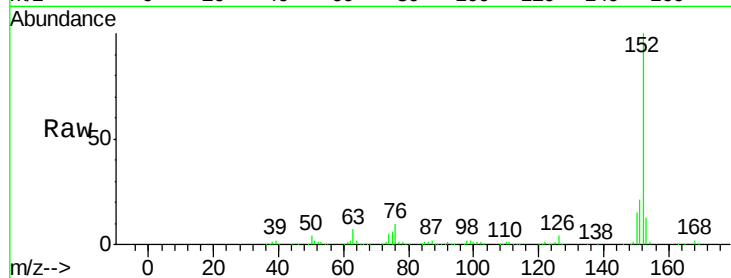
Tot Ion:152 Resp: 815580

Ion Ratio Lower Upper

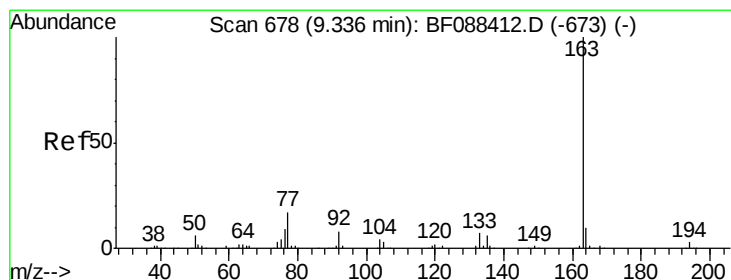
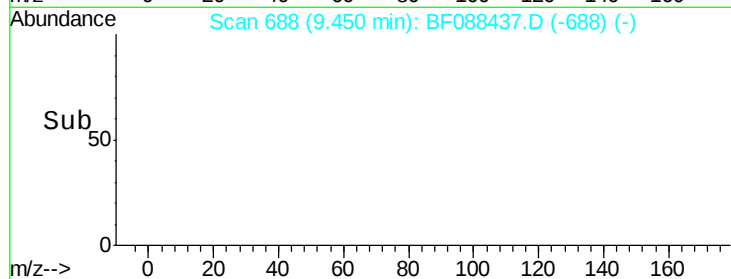
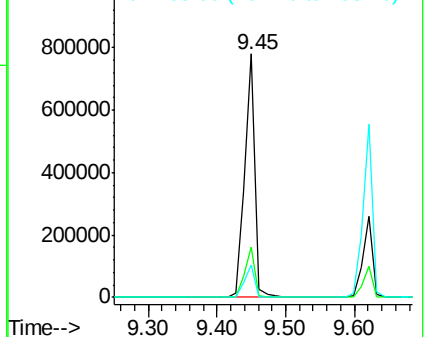
152 100

151 20.5 16.2 24.4

153 13.2 11.0 16.6



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



#49

Dimethylphthalate

Concen: 42.62 ng

RT: 9.34 min Scan# 678

Delta R.T. -0.27 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

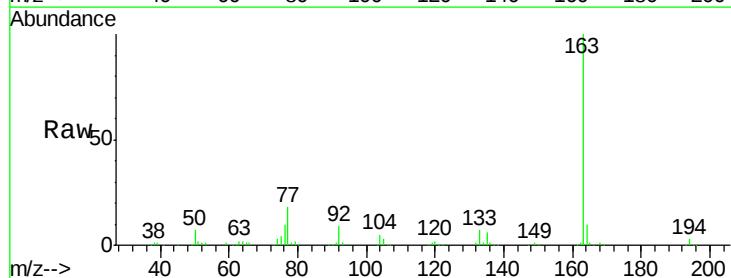
Tgt Ion:163 Resp: 627728

Ion Ratio Lower Upper

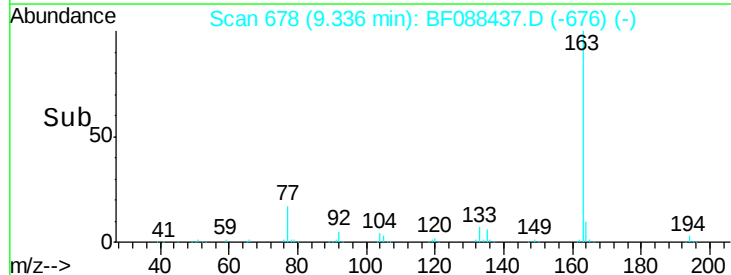
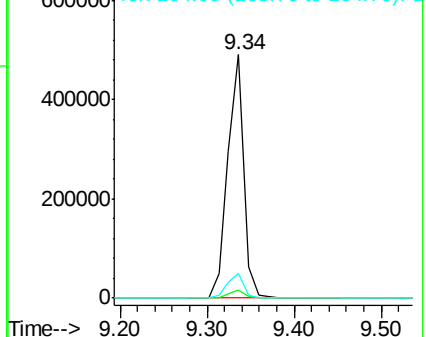
163 100

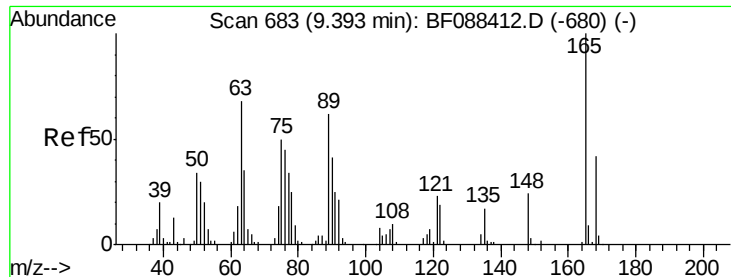
194 3.4 2.8 4.2

164 10.2 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

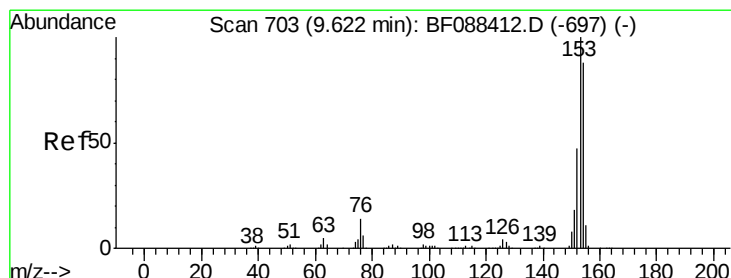
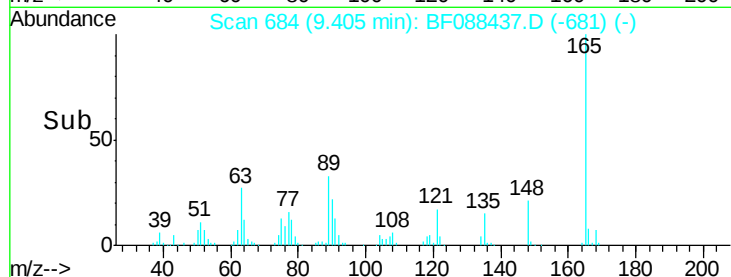
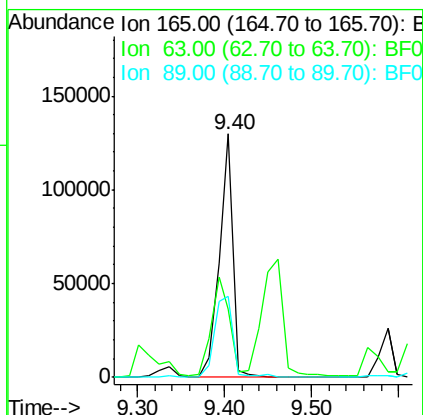
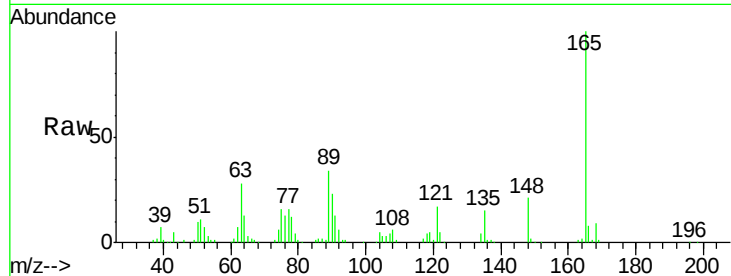




#50
 2,6-Dinitrotoluene
 Concen: 42.80 ng
 RT: 9.40 min Scan# 684
 Delta R.T. -0.26 min
 Lab File: BF088437.D
 Acq: 27 Jun 2016 5:04

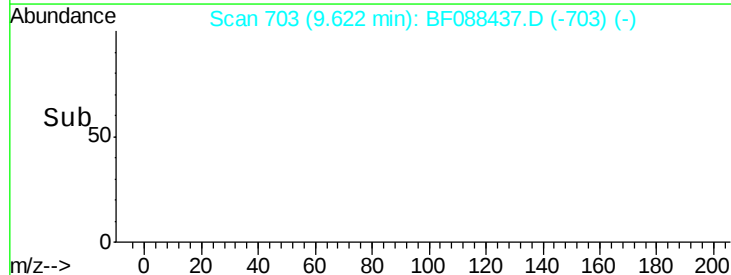
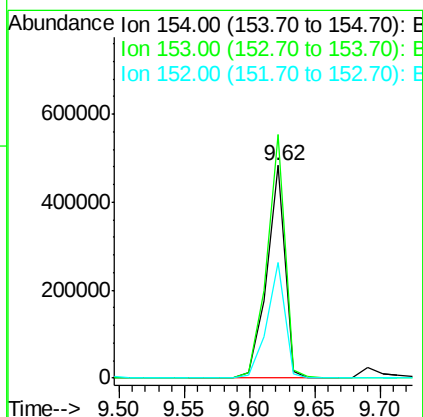
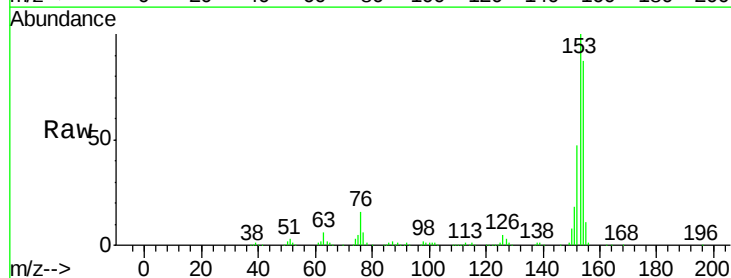
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

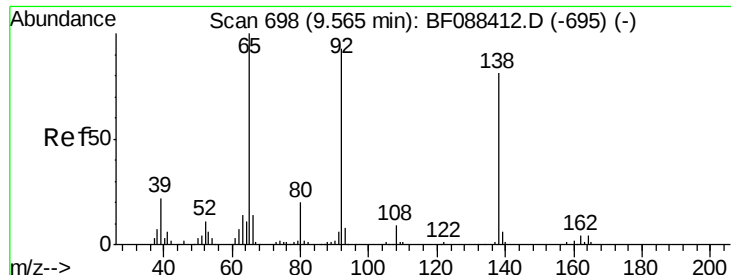
Tot Ion	Ratio	Lower	Upper
165	100		
63	28.2	28.1	42.1
89	33.5	32.2	48.2



#51
 Acenaphthene
 Concen: 36.29 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.30 min
 Lab File: BF088437.D
 Acq: 27 Jun 2016 5:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.6	89.5	134.3
152	54.2	42.7	64.1

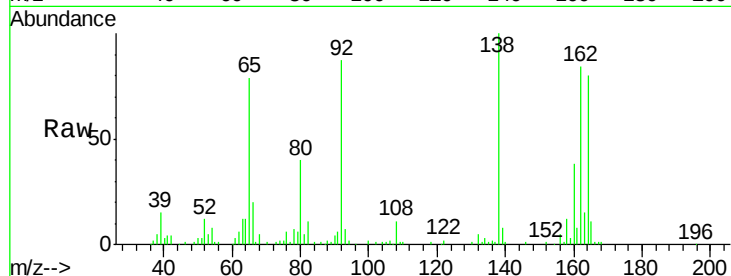




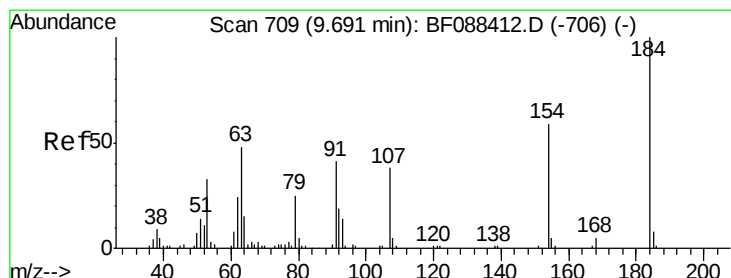
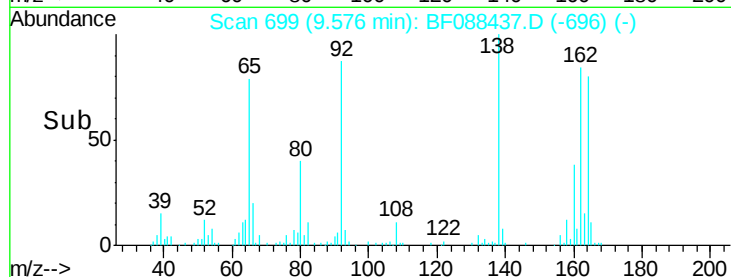
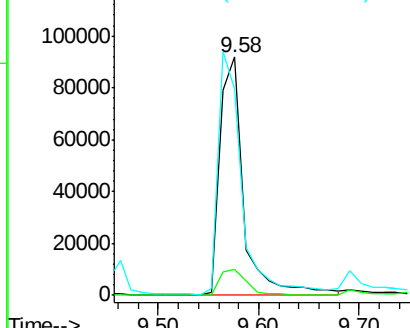
#52
3-Nitroaniline
Concen: 38.88 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.26 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 151336
Ion Ratio Lower Upper
138 100
108 11.1 8.5 12.7
92 87.0 95.7 143.5#

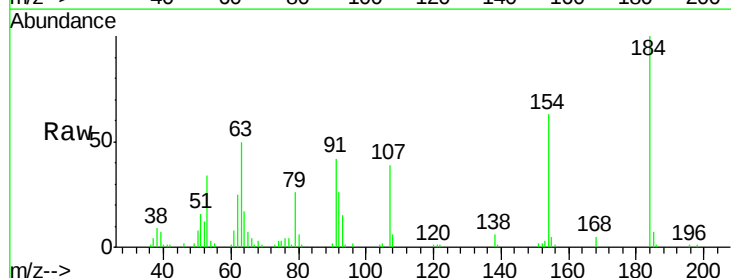


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

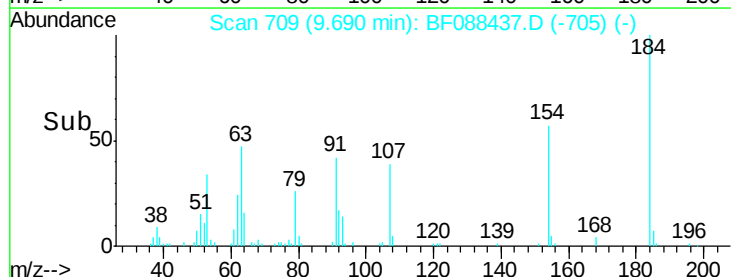
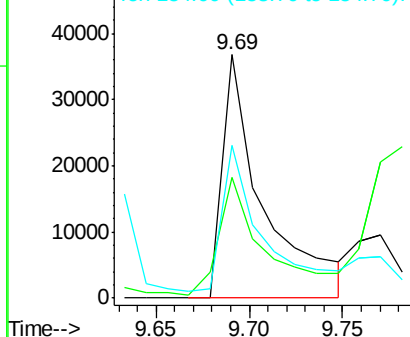


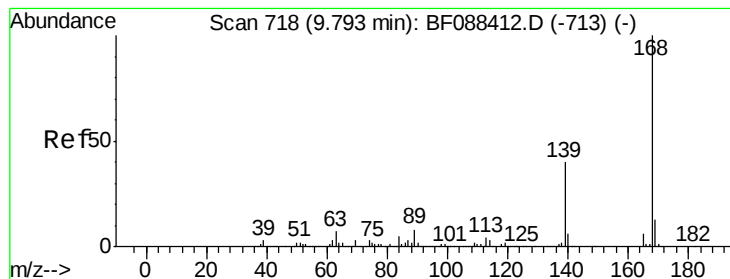
#53
2,4-Dinitrophenol
Concen: 36.72 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.25 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Tgt Ion:184 Resp: 56955
Ion Ratio Lower Upper
184 100
63 49.8 57.6 86.4#
154 62.6 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

Dibenzenofuran

Concen: 38.72 ng

RT: 9.79 min Scan# 718

Delta R.T. -0.30 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

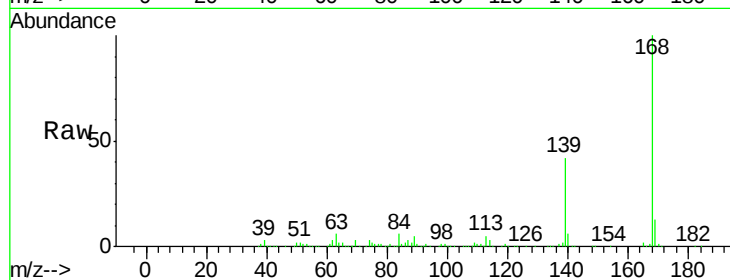
Tot Ion:168 Resp: 696316

Ion Ratio Lower Upper

168 100

139 41.8 26.4 39.6#

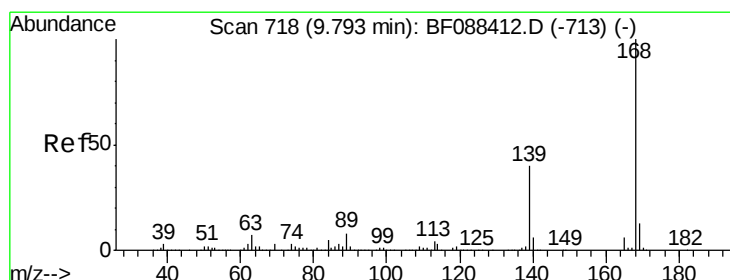
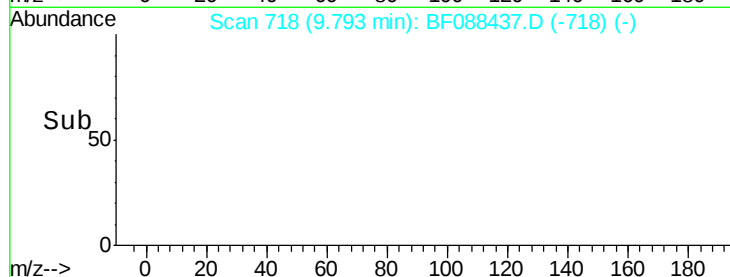
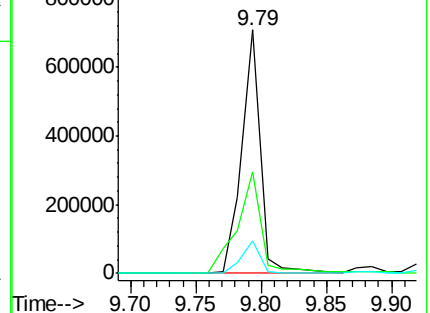
169 13.5 10.4 15.6



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: 132.46 ng

RT: 9.79 min Scan# 718

Delta R.T. -0.21 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

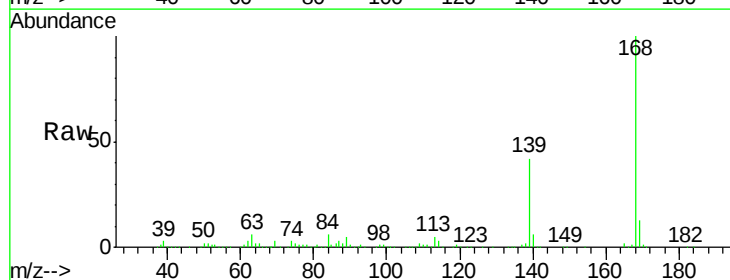
Tgt Ion:139 Resp: 400203

Ion Ratio Lower Upper

139 100

109 4.2 48.9 88.9#

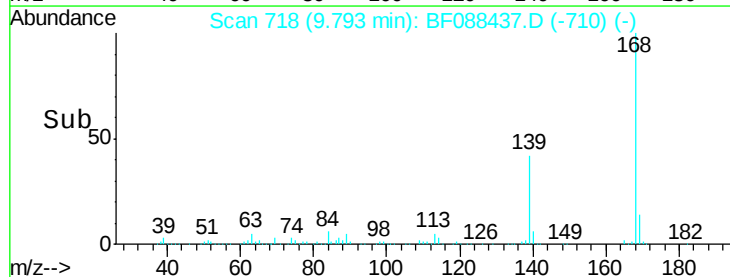
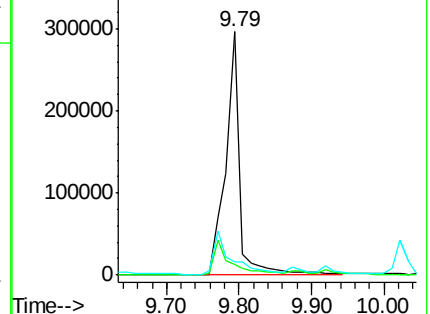
65 5.5 84.9 124.9#

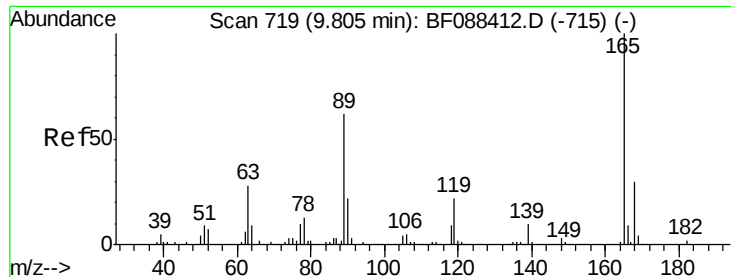


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

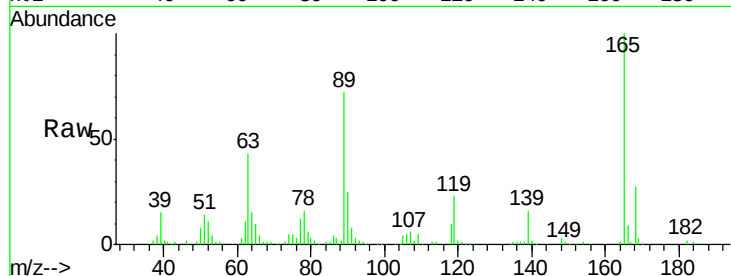




#56
2,4-Dinitrotoluene
Concen: 37.79 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.26 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.3	22.0	33.0#
89	72.4	41.1	61.7#
182	2.2	2.0	3.0

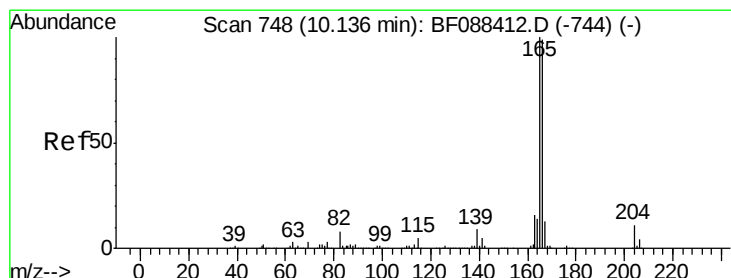
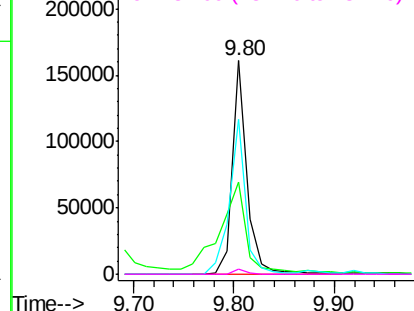
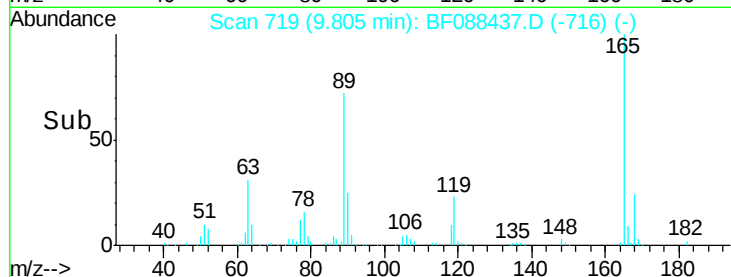


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

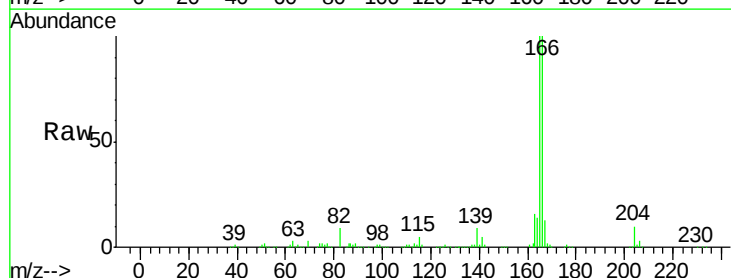
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 42.97 ng
RT: 10.14 min Scan# 748
Delta R.T. -0.30 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

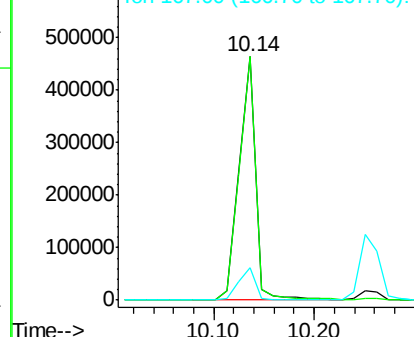
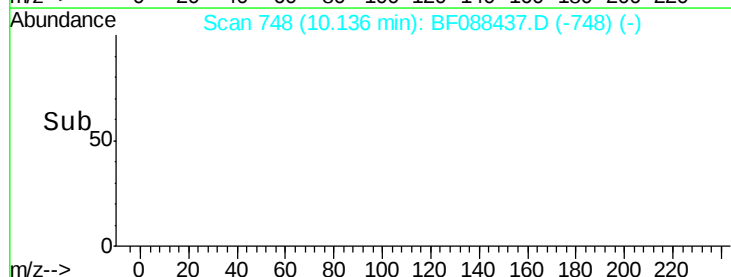
Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.1	77.8	116.8
167	13.3	11.2	16.8

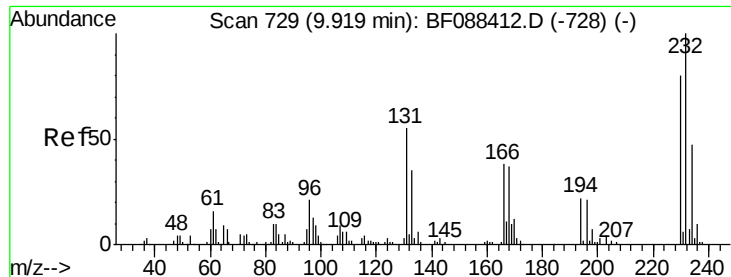


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

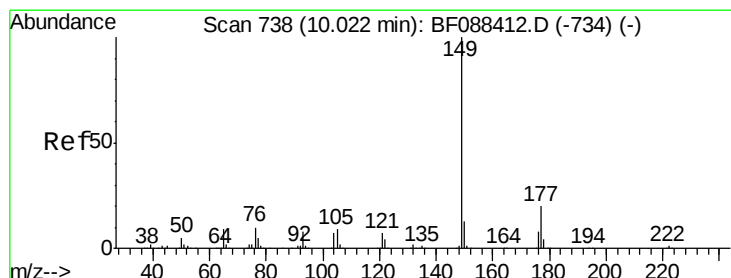
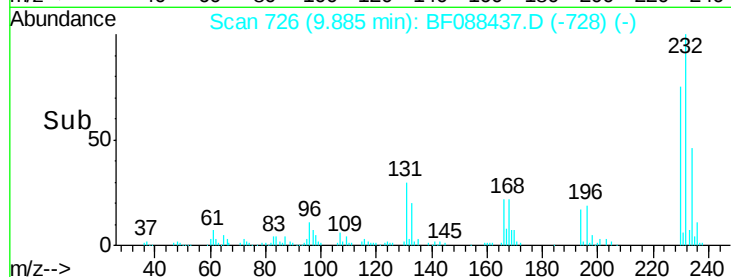
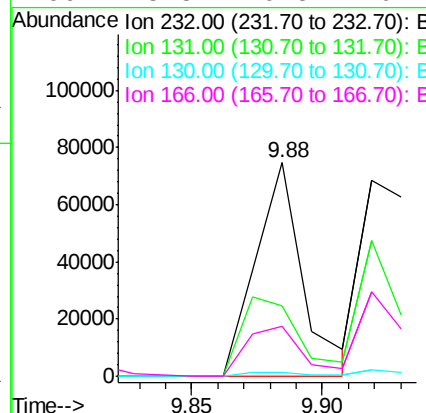
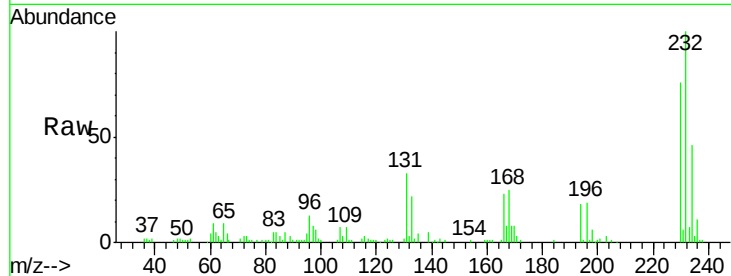




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 28.31 ng
 RT: 9.88 min Scan# 726
 Delta R.T. -0.32 min
 Lab File: BF088437.D
 Acq: 27 Jun 2016 5:04

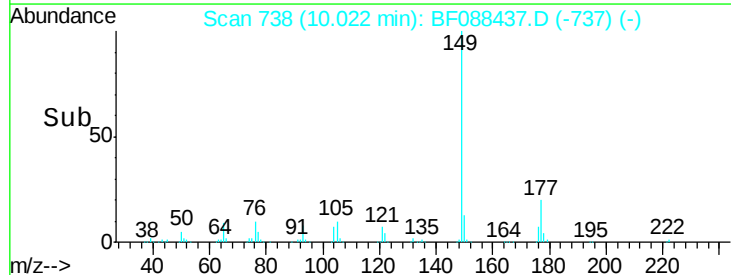
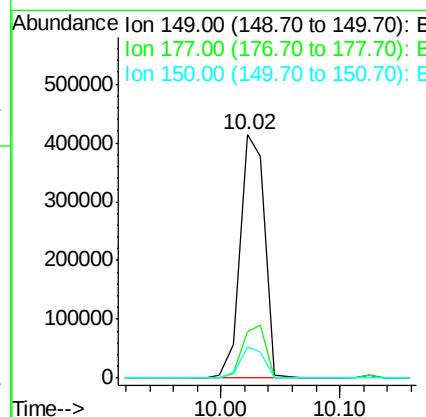
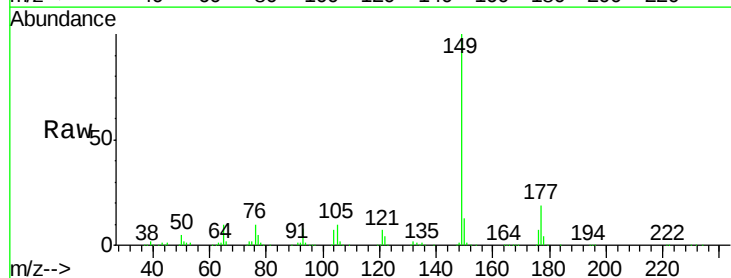
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

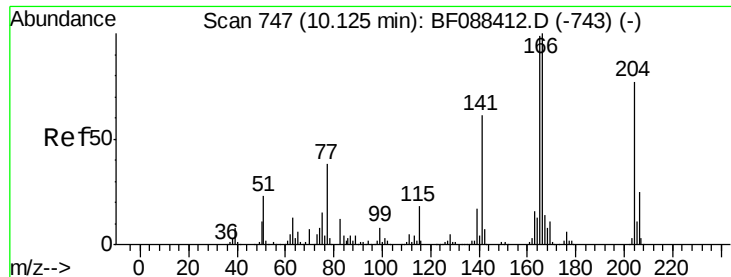
Tot Ion:232 Resp: 94115
 Ion Ratio Lower Upper
 232 100
 131 46.7 0.9 1.3#
 130 2.6 1.5 2.3#
 166 28.8 0.5 0.7#



#59
 Diethylphthalate
 Concen: 39.73 ng
 RT: 10.02 min Scan# 738
 Delta R.T. -0.29 min
 Lab File: BF088437.D
 Acq: 27 Jun 2016 5:04

Tgt Ion:149 Resp: 592339
 Ion Ratio Lower Upper
 149 100
 177 19.2 16.9 25.3
 150 12.9 10.1 15.1

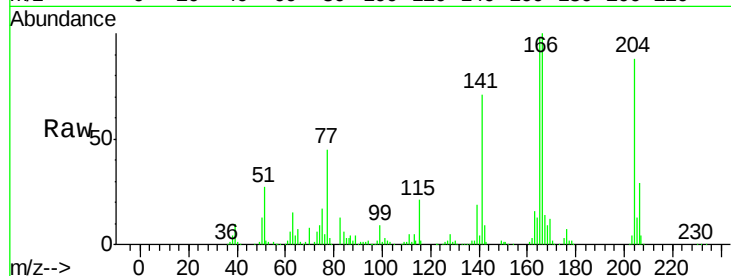




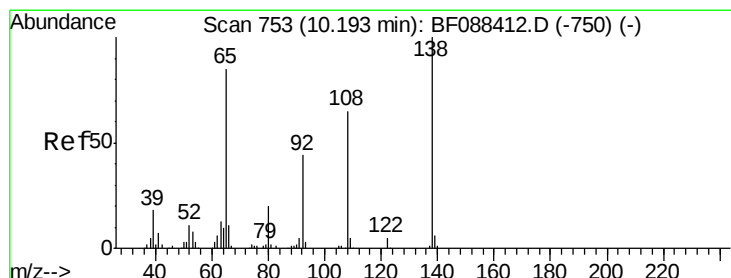
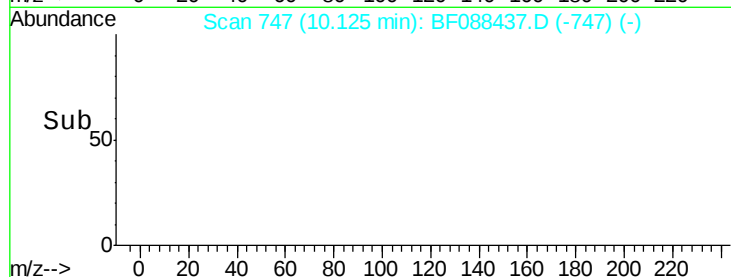
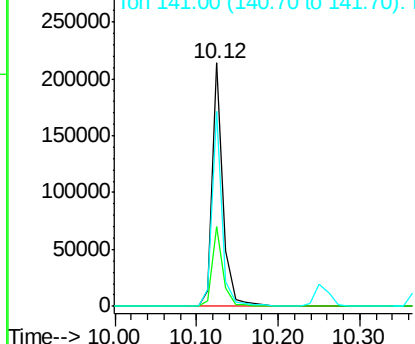
#60
4-Chlorophenyl-phenylether
Concen: 33.73 ng
RT: 10.12 min Scan# 747
Delta R.T. -0.30 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 201721
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 80.0 55.0 82.6

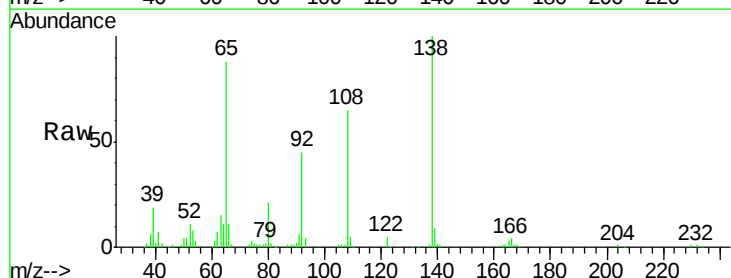


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

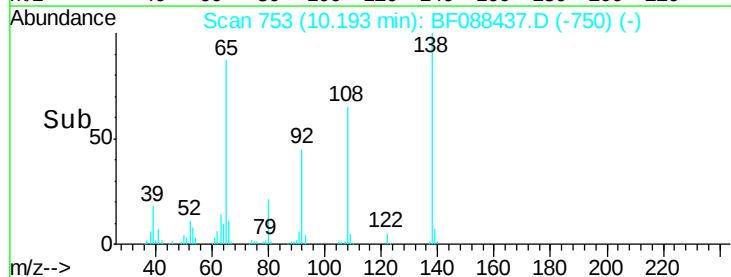
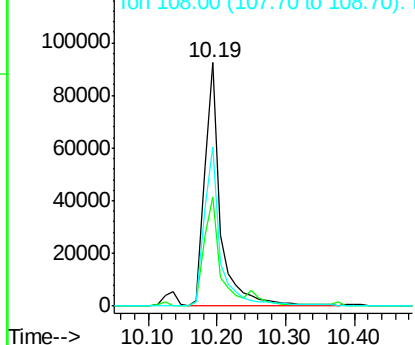


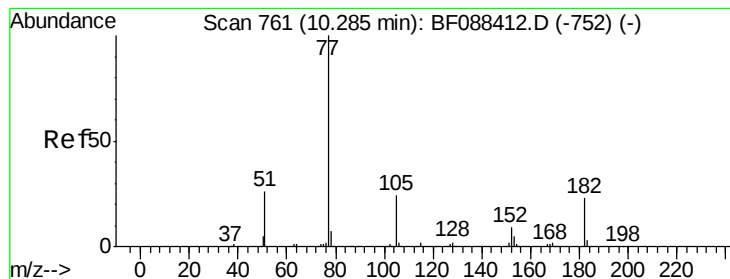
#61
4-Nitroaniline
Concen: 40.07 ng
RT: 10.19 min Scan# 753
Delta R.T. -0.26 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Tgt Ion:138 Resp: 147957
Ion Ratio Lower Upper
138 100
92 44.8 27.3 67.3
108 65.4 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: 35.35 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.30 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 521281

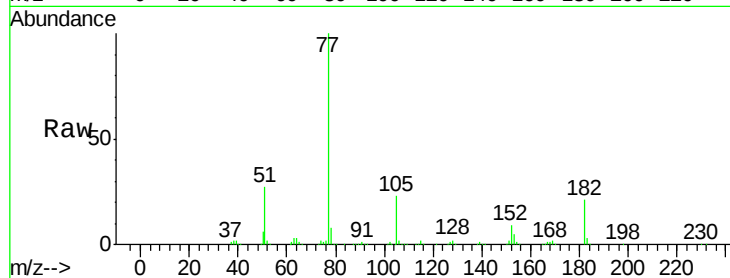
Ion Ratio Lower Upper

77 100

182 21.0 4.4 44.4

105 23.0 3.8 43.8

51 27.2 9.3 49.3

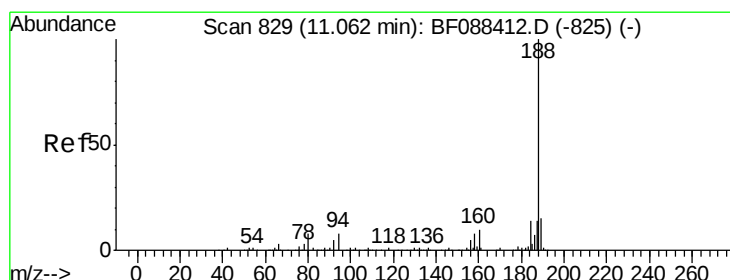
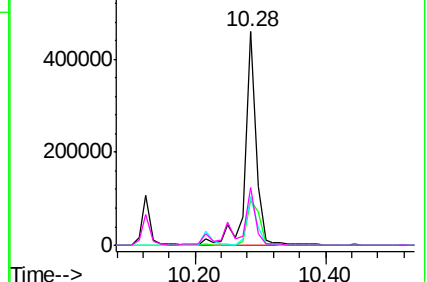
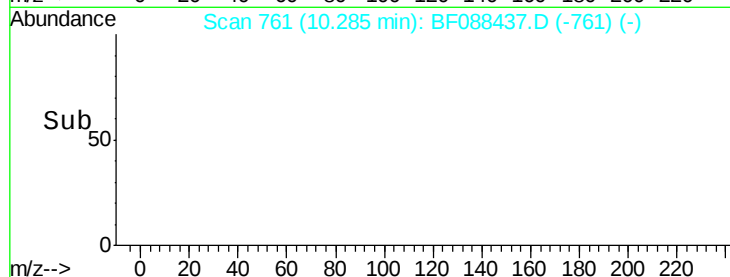


Abundance Ion 77.00 (76.70 to 77.70): BF0

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. -0.30 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

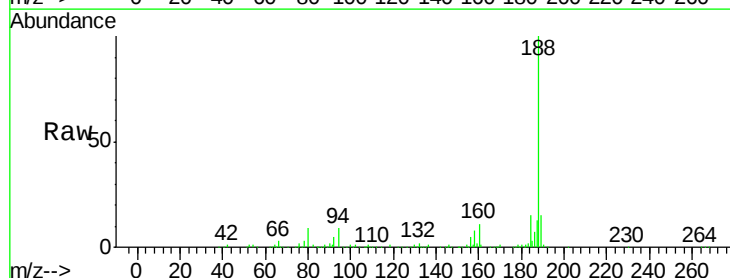
Tgt Ion: 188 Resp: 342136

Ion Ratio Lower Upper

188 100

94 8.6 9.0 13.6#

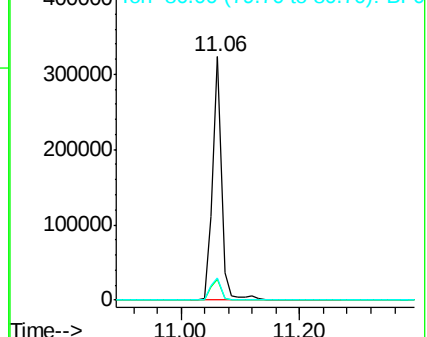
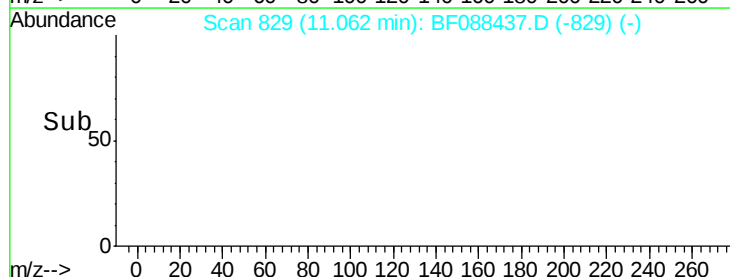
80 9.2 10.0 15.0#

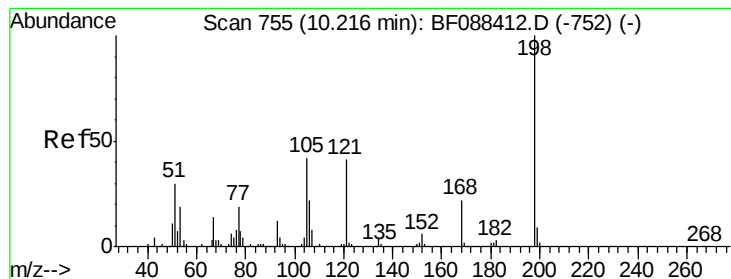


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 32.12 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.26 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

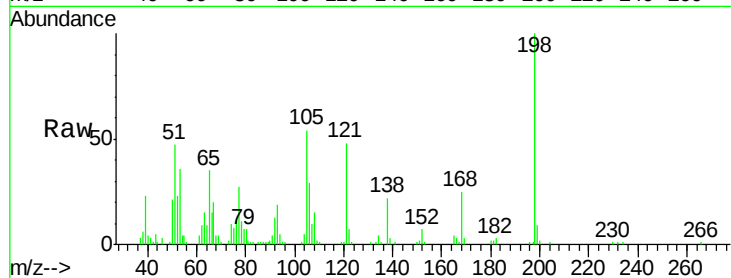
Tot Ion:198 Resp: 67015

Ion Ratio Lower Upper

198 100

51 46.9 39.6 79.6

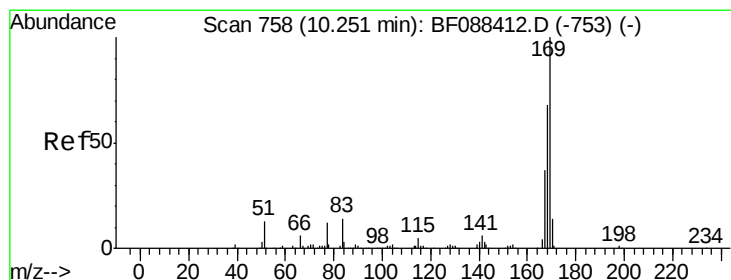
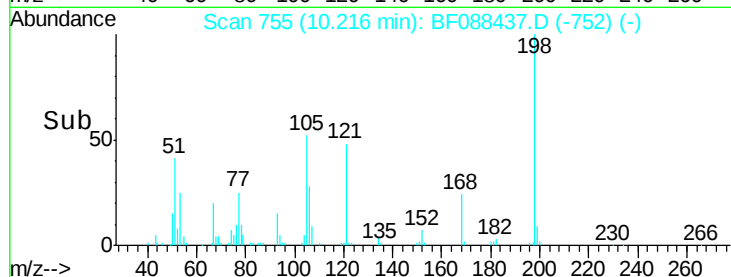
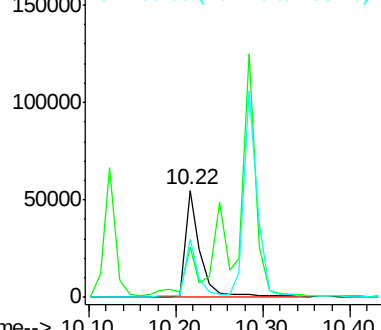
105 53.6 36.6 76.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 40.58 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.30 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

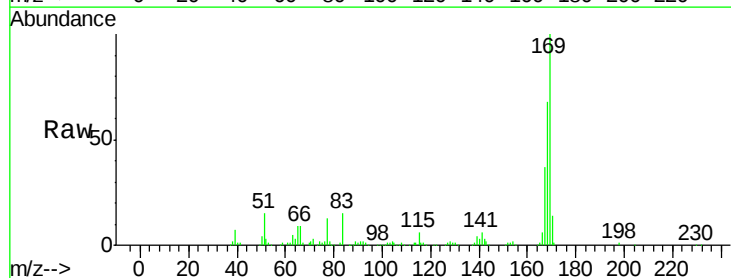
Tgt Ion:169 Resp: 460647

Ion Ratio Lower Upper

169 100

168 67.7 53.4 80.0

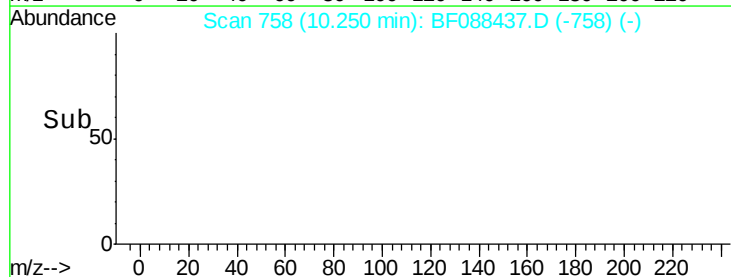
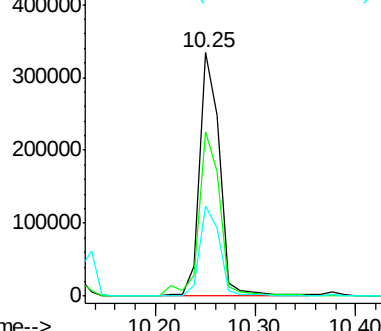
167 37.2 29.4 44.0

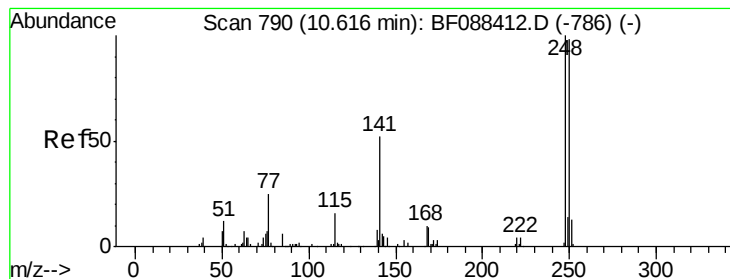


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

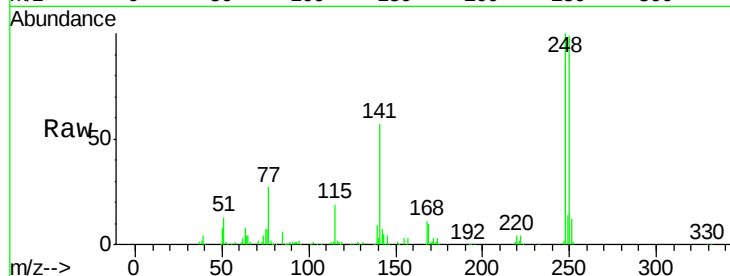




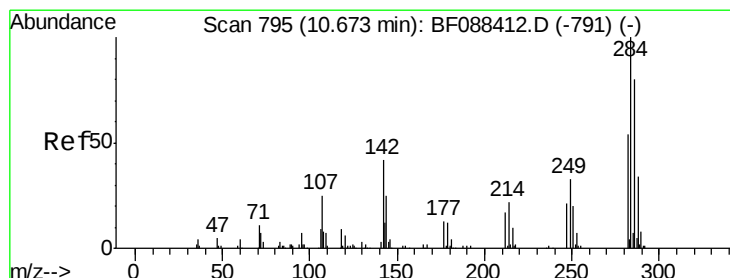
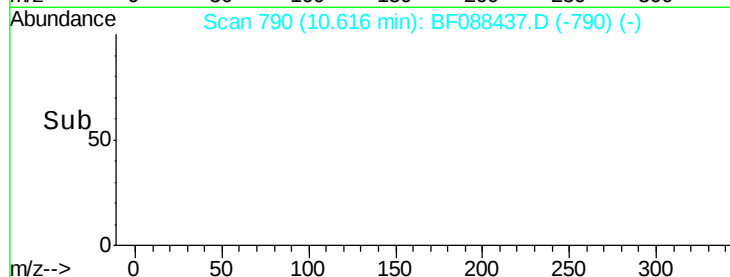
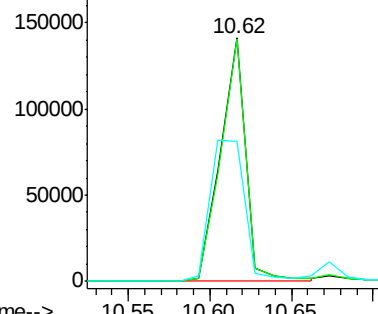
#66
 4-Bromophenyl-phenylether
 Concen: 41.36 ng
 RT: 10.62 min Scan# 790
 Delta R.T. -0.30 min
 Lab File: BF088437.D
 Acq: 27 Jun 2016 5:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:248 Resp: 151801
 Ion Ratio Lower Upper
 248 100
 250 99.4 77.1 115.7
 141 57.4 50.6 76.0

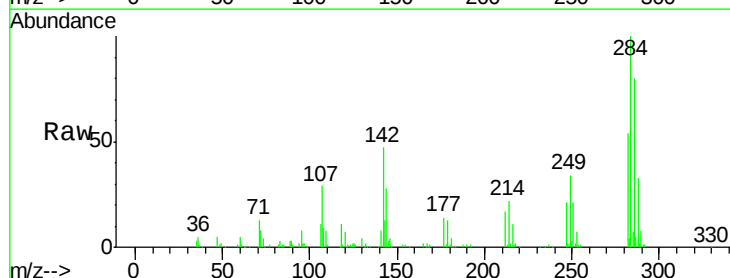


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

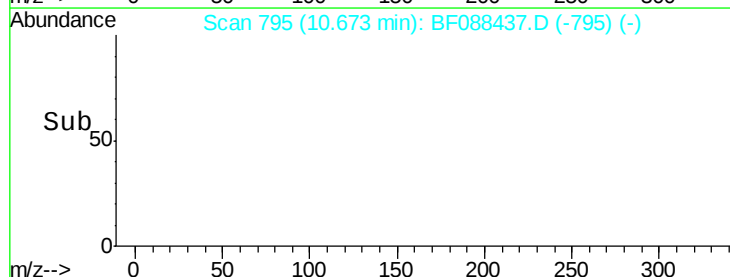
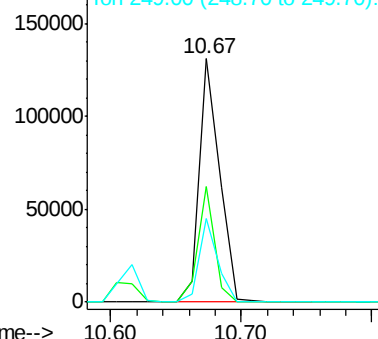


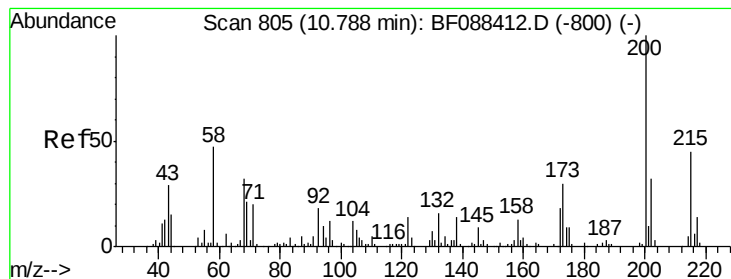
#67
 Hexachlorobenzene
 Concen: 37.26 ng
 RT: 10.67 min Scan# 795
 Delta R.T. -0.30 min
 Lab File: BF088437.D
 Acq: 27 Jun 2016 5:04

Tgt Ion:284 Resp: 142084
 Ion Ratio Lower Upper
 284 100
 142 47.3 35.8 53.8
 249 34.2 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: 35.44 ng

RT: 10.79 min Scan# 805

Delta R.T. -0.29 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

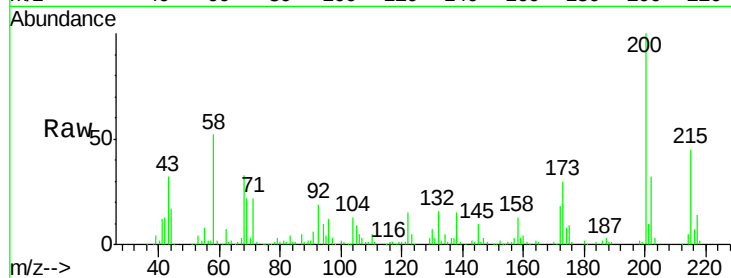
Tot Ion:200 Resp: 121818

Ion Ratio Lower Upper

200 100

173 30.5 4.0 44.0

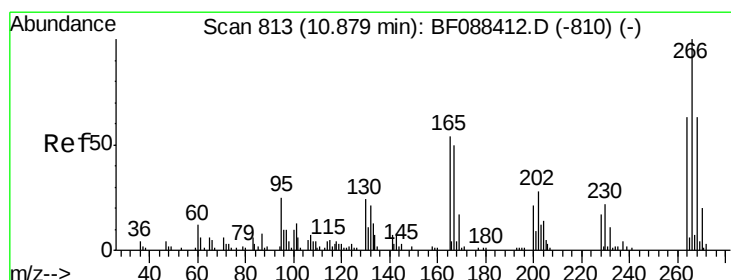
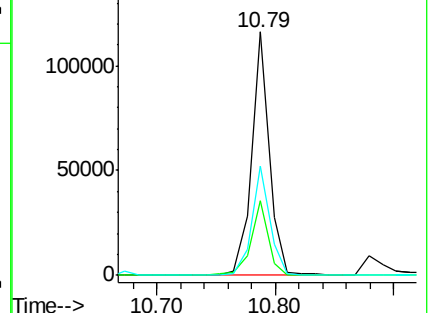
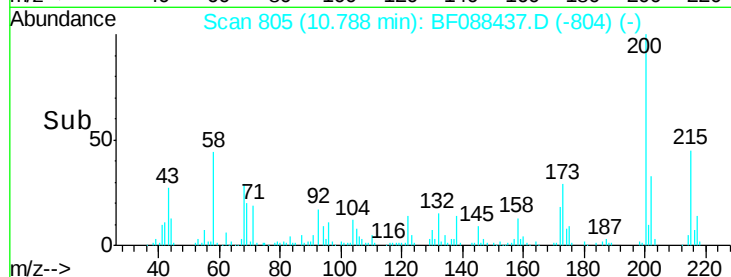
215 44.7 29.3 69.3



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: 42.92 ng

RT: 10.88 min Scan# 813

Delta R.T. -0.29 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

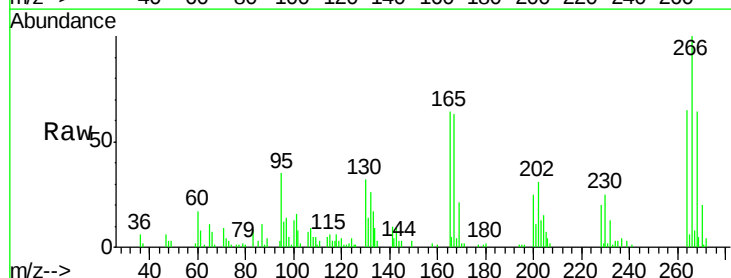
Tgt Ion:266 Resp: 86276

Ion Ratio Lower Upper

266 100

268 64.2 52.8 79.2

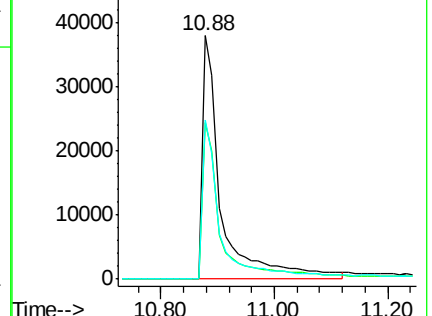
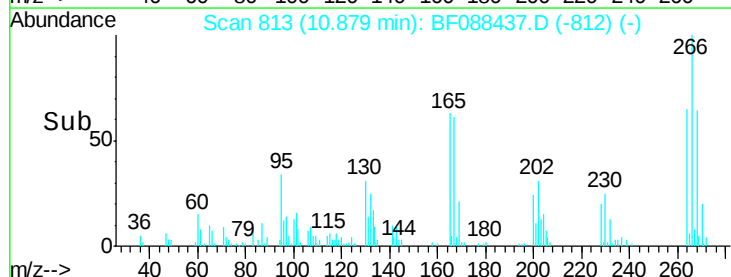
264 65.2 49.6 74.4

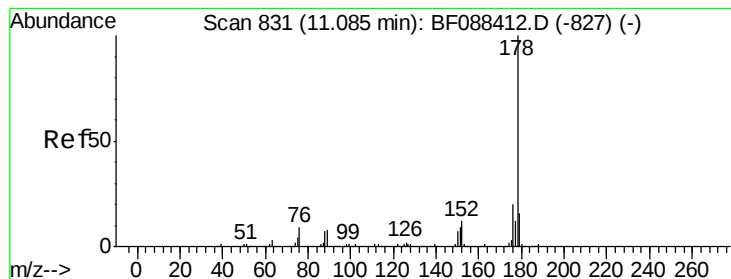


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 36.46 ng

RT: 11.08 min Scan# 831

Delta R.T. -0.30 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

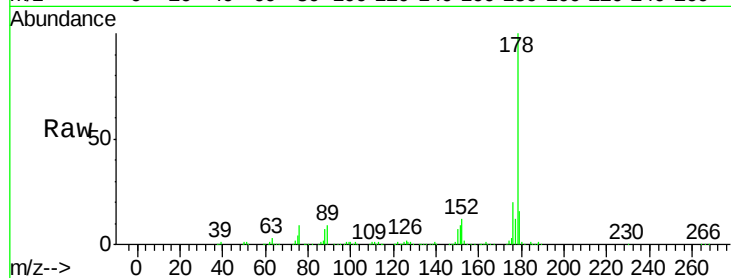
Tot Ion:178 Resp: 654531

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.6

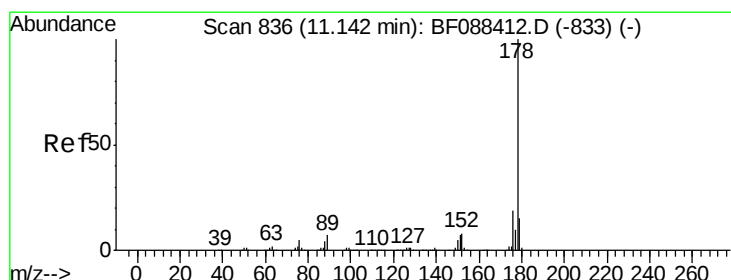
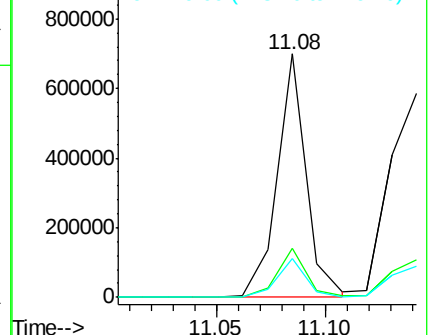
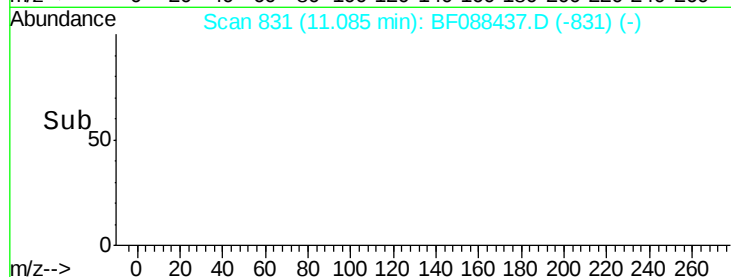
179 15.8 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 42.66 ng

RT: 11.14 min Scan# 836

Delta R.T. -0.30 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

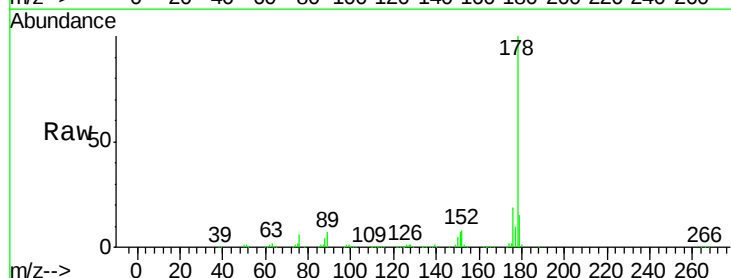
Tgt Ion:178 Resp: 772581

Ion Ratio Lower Upper

178 100

176 18.5 15.6 23.4

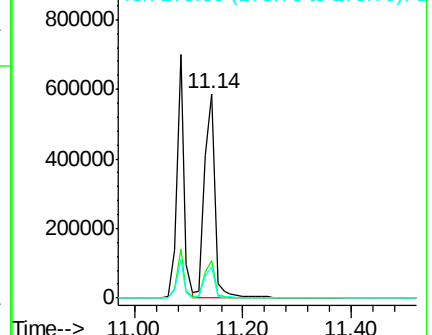
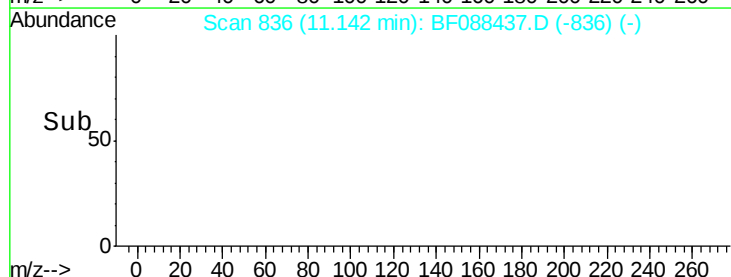
179 15.3 12.8 19.2

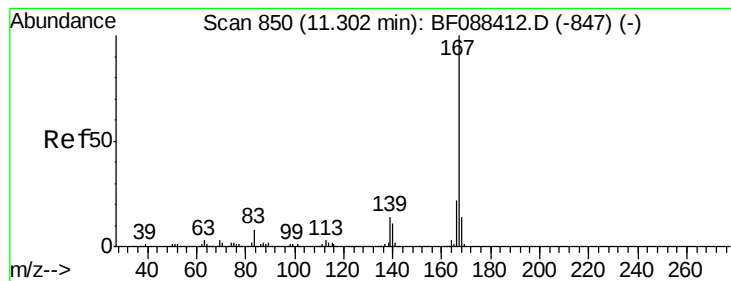


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 39.36 ng

RT: 11.30 min Scan# 850

Delta R.T. -0.29 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

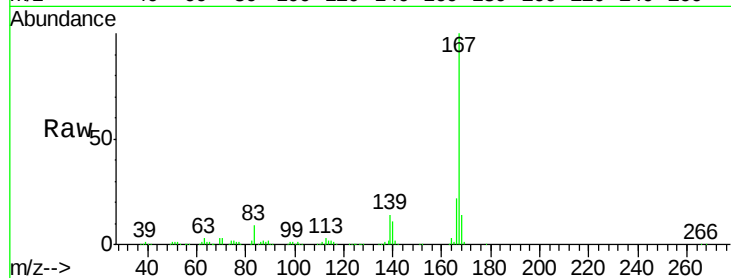
Tot Ion:167 Resp: 667056

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.6

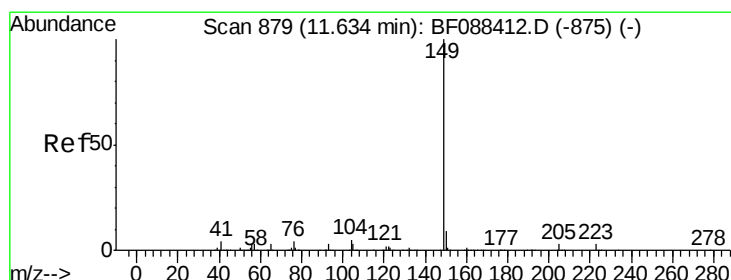
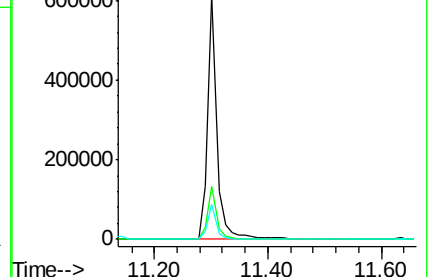
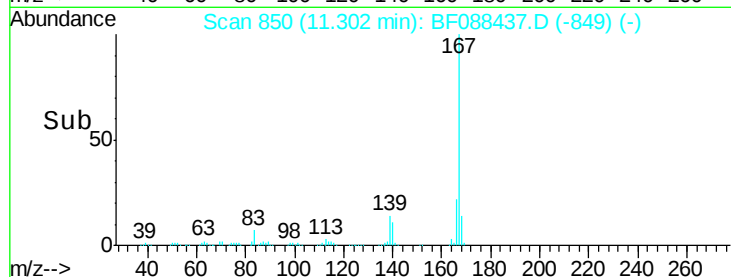
139 14.1 11.2 16.8



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: 38.97 ng

RT: 11.63 min Scan# 879

Delta R.T. -0.30 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

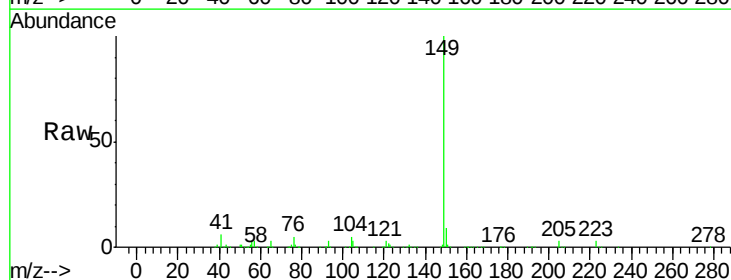
Tgt Ion:149 Resp: 836055

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

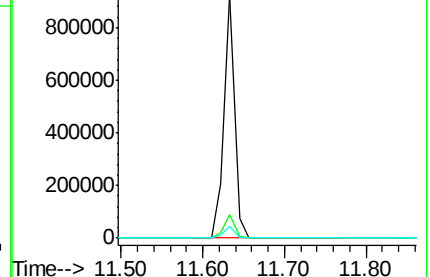
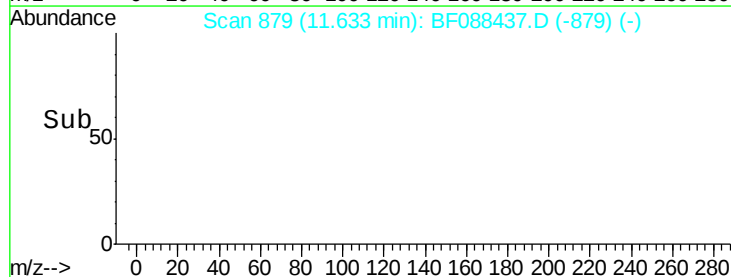
104 4.9 4.0 6.0

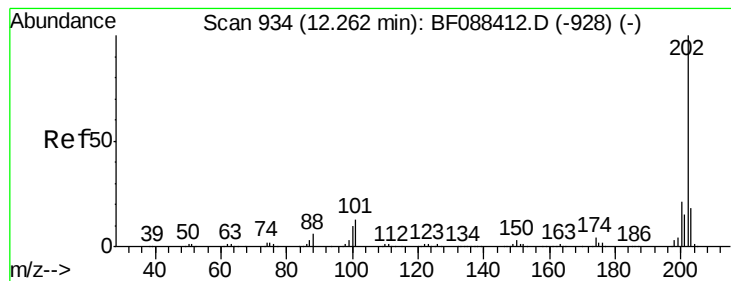


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 32.69 ng

RT: 12.26 min Scan# 934

Delta R.T. -0.31 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

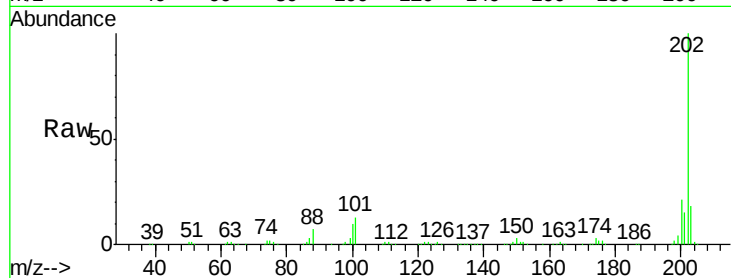
Tot Ion:202 Resp: 619283

Ion Ratio Lower Upper

202 100

101 13.4 0.0 33.1

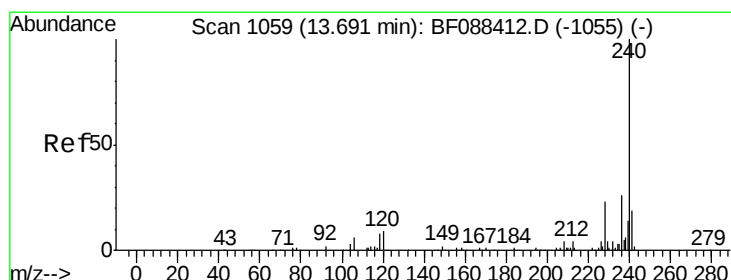
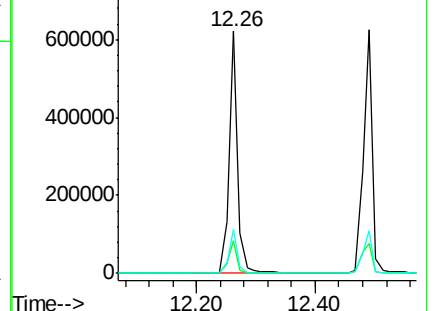
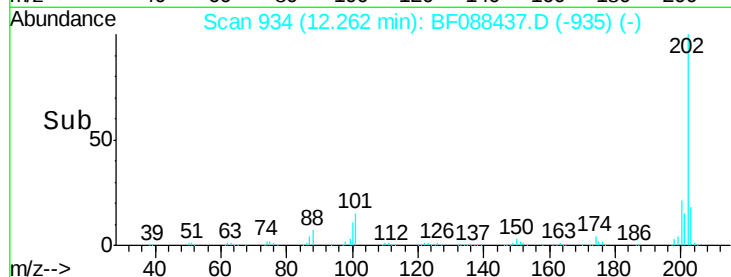
203 18.1 0.0 38.1



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. -0.30 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

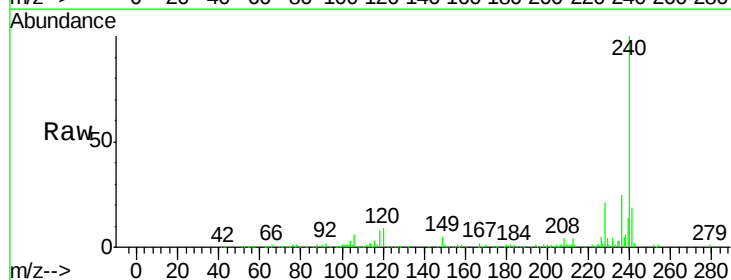
Tgt Ion:240 Resp: 223626

Ion Ratio Lower Upper

240 100

120 8.7 6.8 10.2

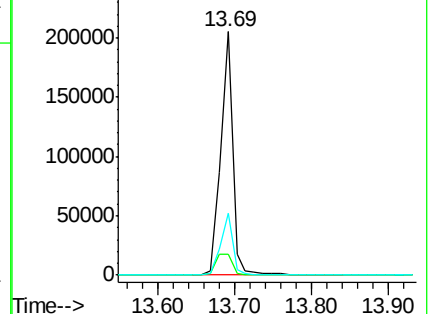
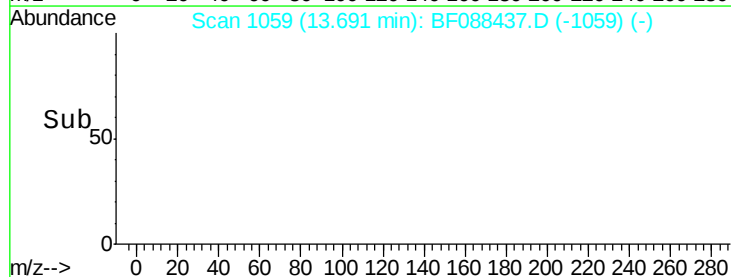
236 25.4 20.2 30.2

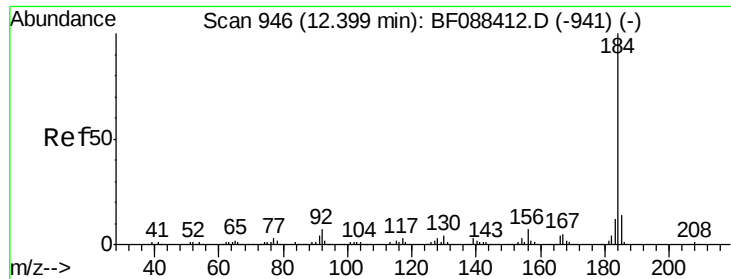


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 42.53 ng

RT: 12.40 min Scan# 946

Delta R.T. -0.29 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

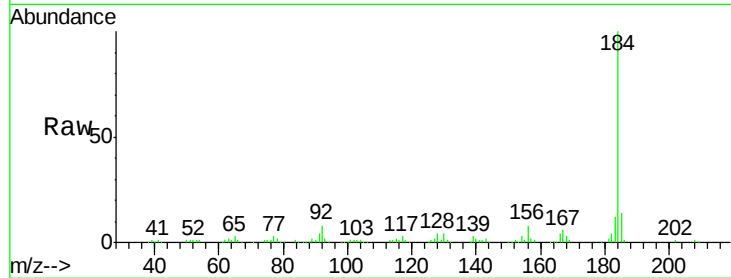
Tot Ion:184 Resp: 263347

Ion Ratio Lower Upper

184 100

185 14.5 12.5 18.7

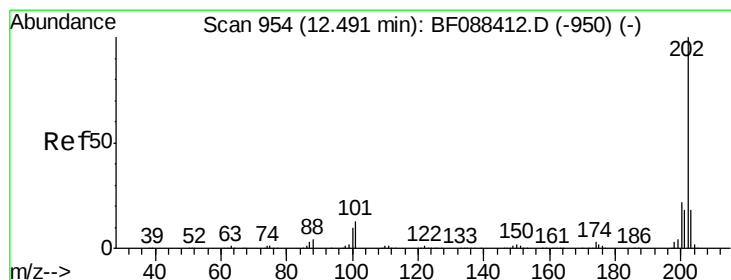
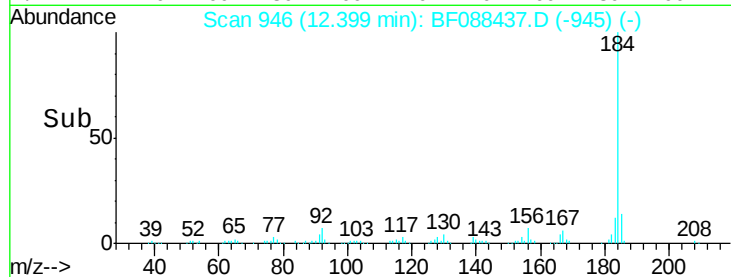
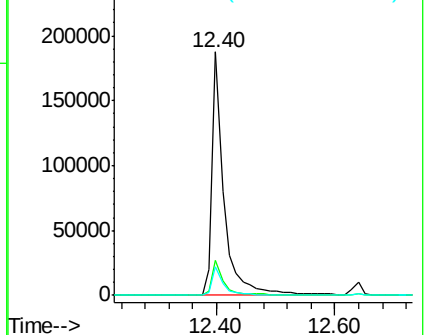
183 11.8 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 39.14 ng

RT: 12.49 min Scan# 954

Delta R.T. -0.31 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

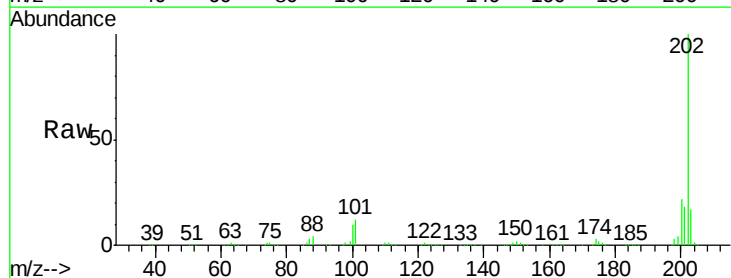
Tgt Ion:202 Resp: 649590

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

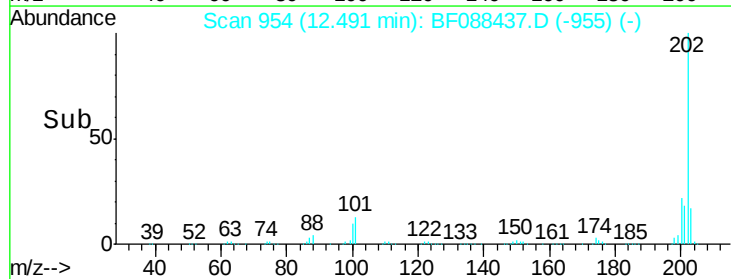
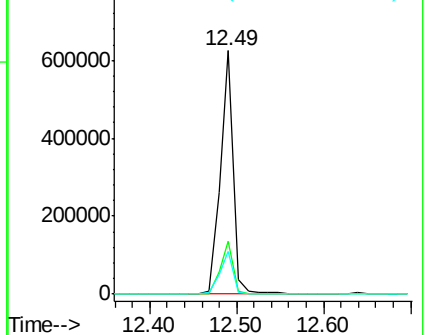
203 17.4 14.5 21.7

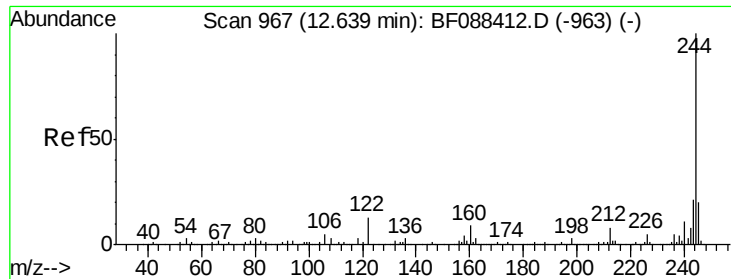


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

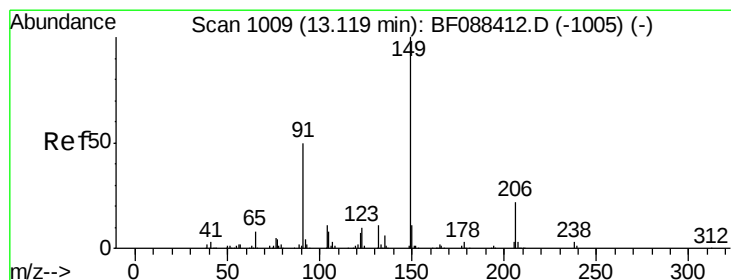
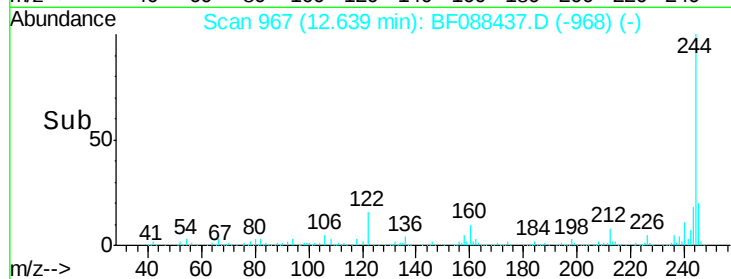
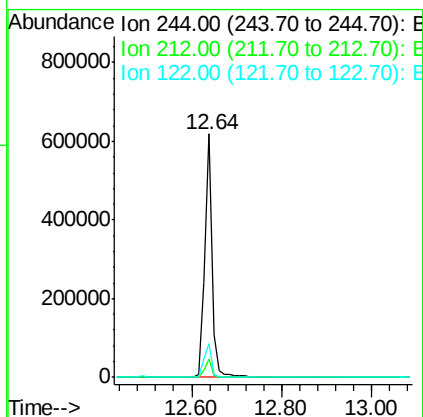
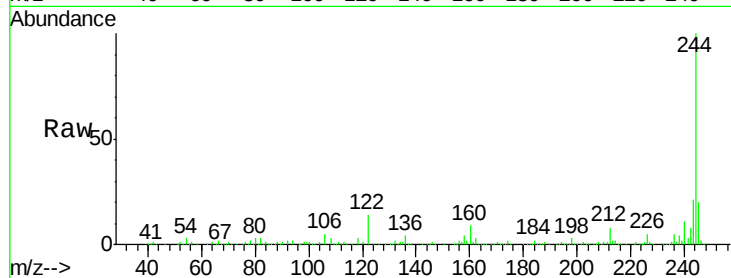




#78
 Terphenyl-d14
 Concen: 72.11 ng
 RT: 12.64 min Scan# 967
 Delta R.T. -0.31 min
 Lab File: BF088437.D
 Acq: 27 Jun 2016 5:04

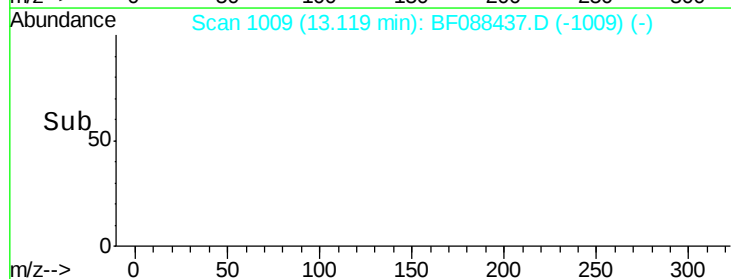
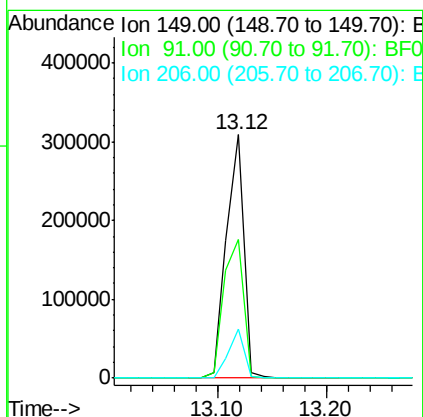
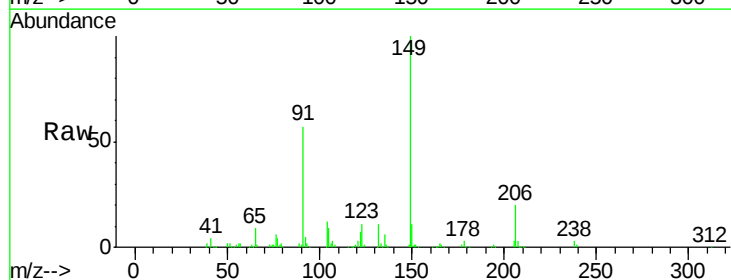
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

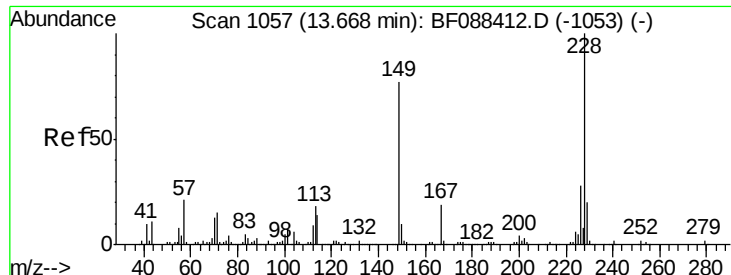
Tot Ion:244 Resp: 708695
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 14.0 11.2 16.8



#79
 Butylbenzylphthalate
 Concen: 46.74 ng
 RT: 13.12 min Scan# 1009
 Delta R.T. -0.30 min
 Lab File: BF088437.D
 Acq: 27 Jun 2016 5:04

Tgt Ion:149 Resp: 342922
 Ion Ratio Lower Upper
 149 100
 91 56.9 48.0 72.0
 206 19.9 16.0 24.0





#80

Benzo(a)anthracene

Concen: 36.70 ng

RT: 13.67 min Scan# 1057

Delta R.T. -0.31 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

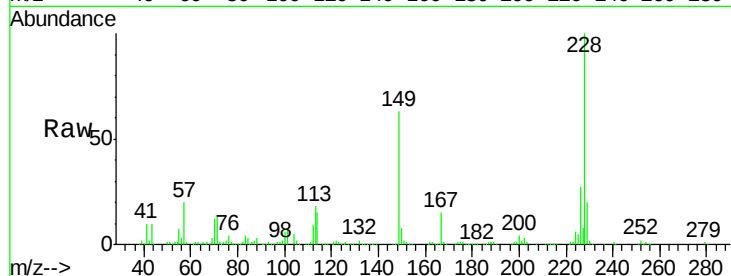
Tot Ion:228 Resp: 467747

Ion Ratio Lower Upper

228 100

226 27.3 22.3 33.5

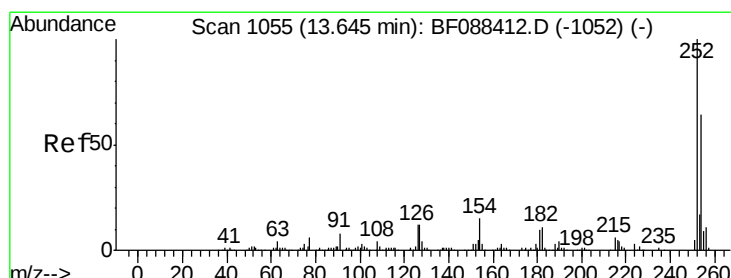
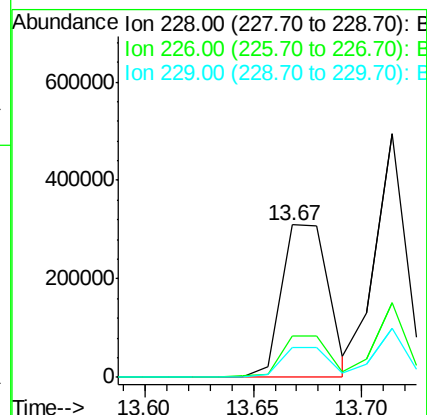
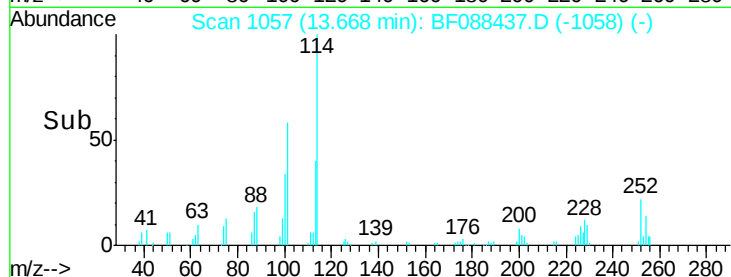
229 19.8 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 48.01 ng

RT: 13.65 min Scan# 1055

Delta R.T. -0.30 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

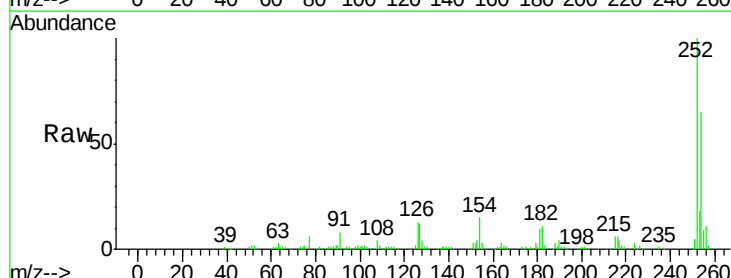
Tgt Ion:252 Resp: 164537

Ion Ratio Lower Upper

252 100

254 64.8 52.6 78.8

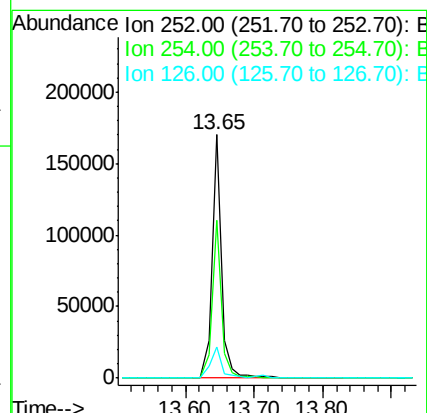
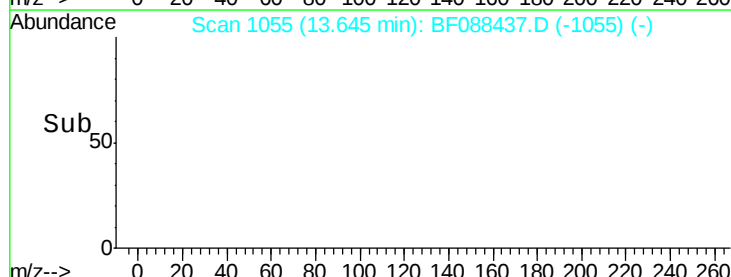
126 12.8 6.2 9.2#

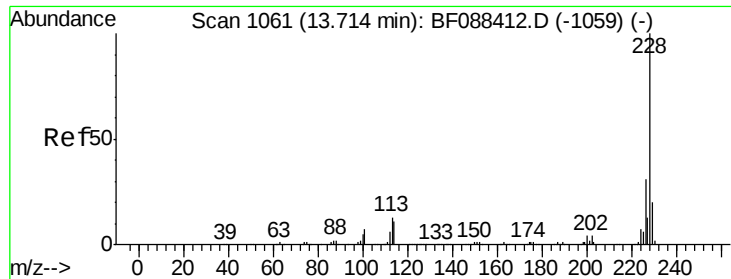


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 43.77 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.30 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

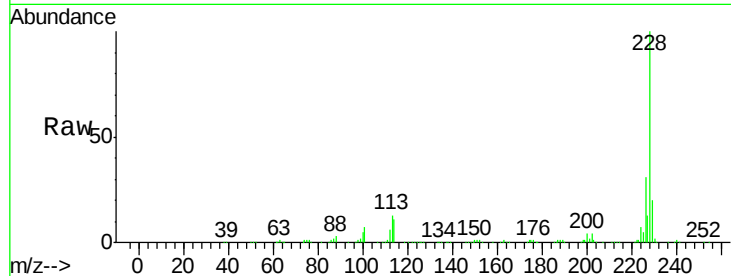
Tot Ion:228 Resp: 524797

Ion Ratio Lower Upper

228 100

226 30.8 25.4 38.2

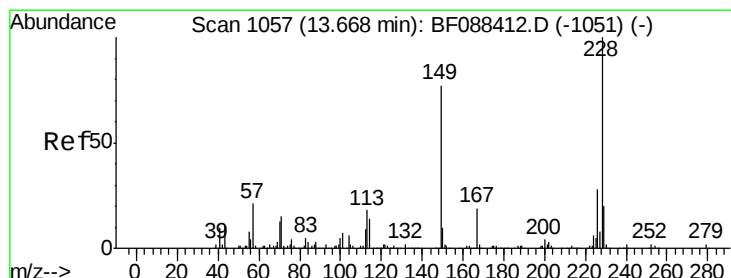
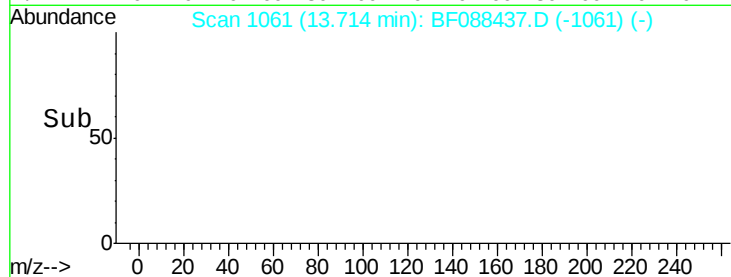
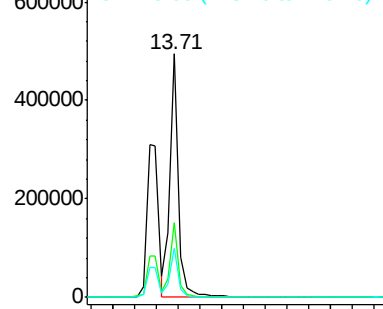
229 19.9 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 44.58 ng

RT: 13.68 min Scan# 1058

Delta R.T. -0.30 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

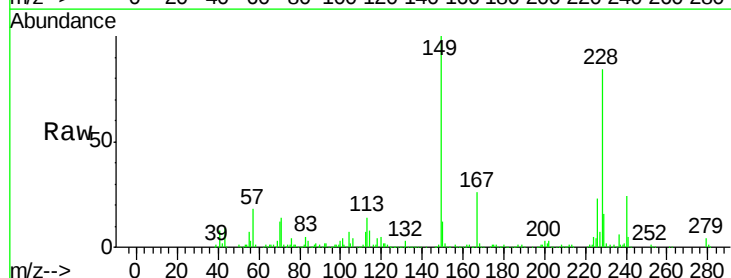
Tgt Ion:149 Resp: 398135

Ion Ratio Lower Upper

149 100

167 26.3 20.5 30.7

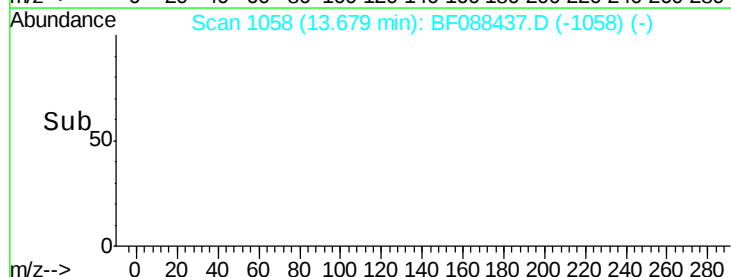
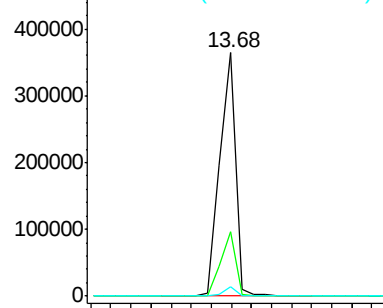
279 3.7 2.0 3.0#

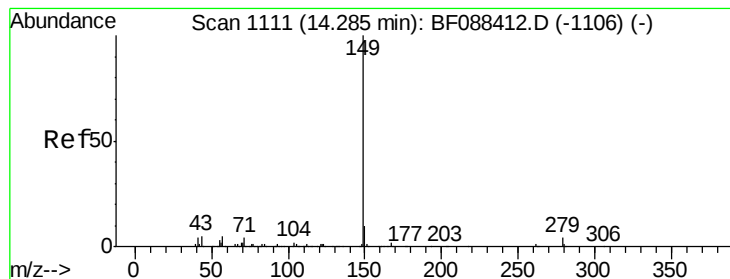


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 49.43 ng

RT: 14.29 min Scan# 1111

Delta R.T. -0.30 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

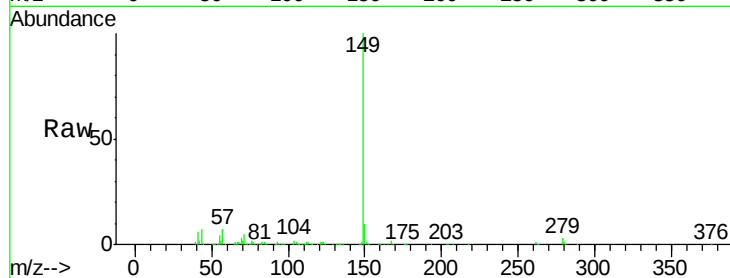
Tot Ion:149 Resp: 717409

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

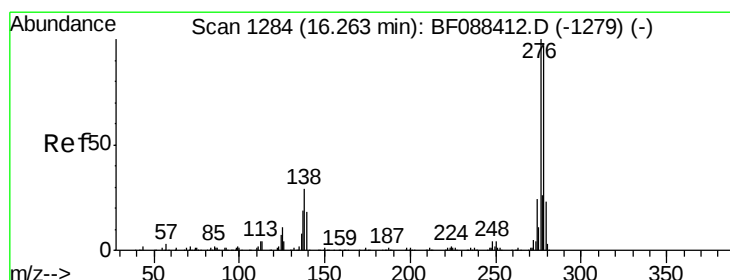
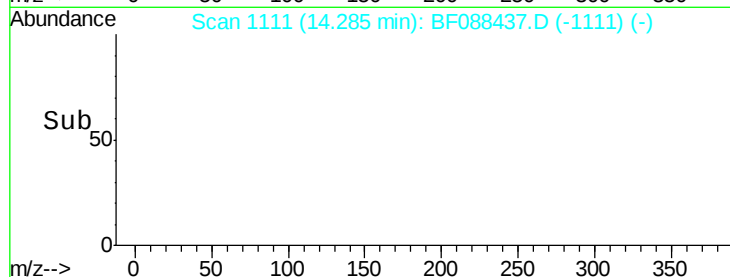
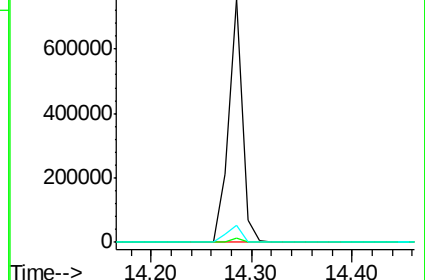
43 8.0 0.0 0.0#



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: 41.33 ng

RT: 16.27 min Scan# 1285

Delta R.T. -0.51 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

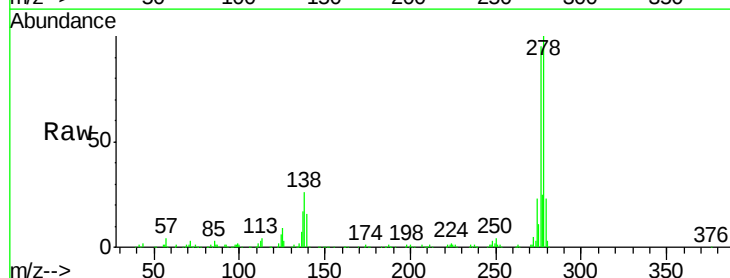
Tgt Ion:276 Resp: 460320

Ion Ratio Lower Upper

276 100

138 30.2 0.0 0.0#

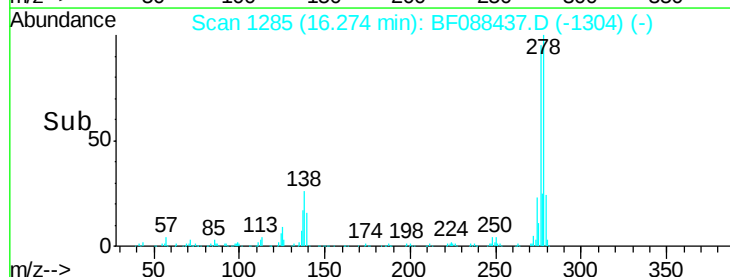
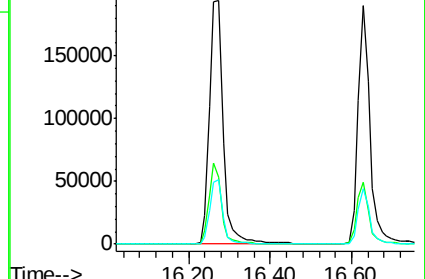
277 25.2 0.0 0.0#

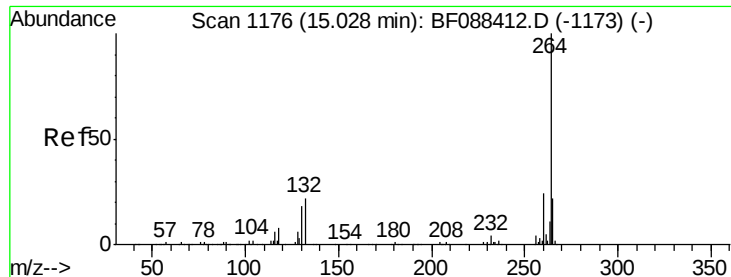


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

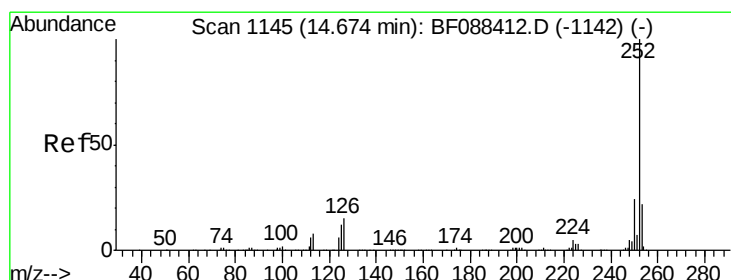
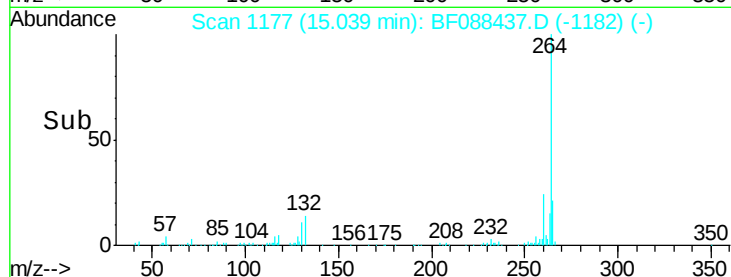
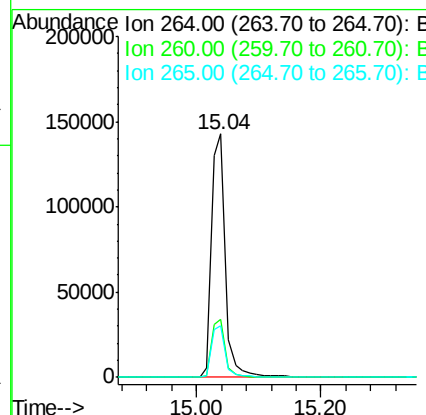
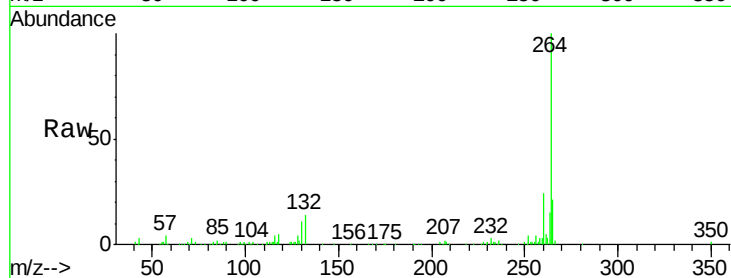




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.35 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

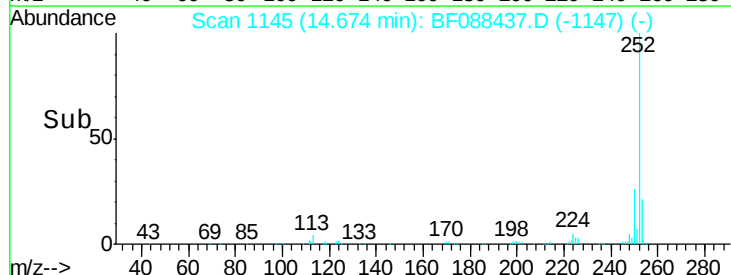
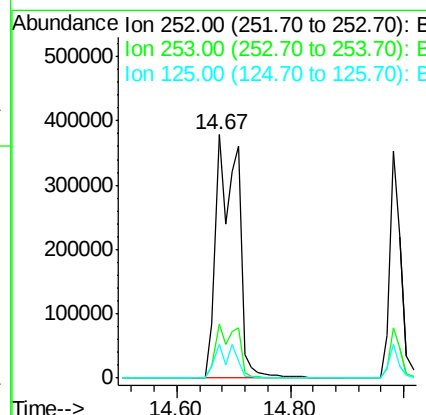
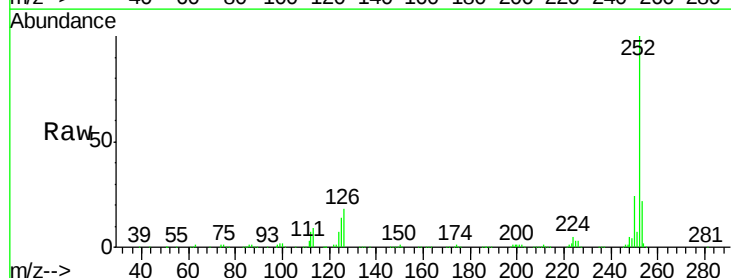
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

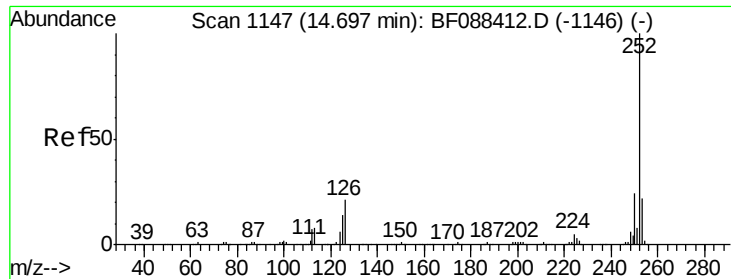
Tot Ion:264 Resp: 221240
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.1 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 65.88 ng
RT: 14.67 min Scan# 1145
Delta R.T. -0.32 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Tgt Ion:252 Resp: 1015886
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 13.7 7.1 10.7#

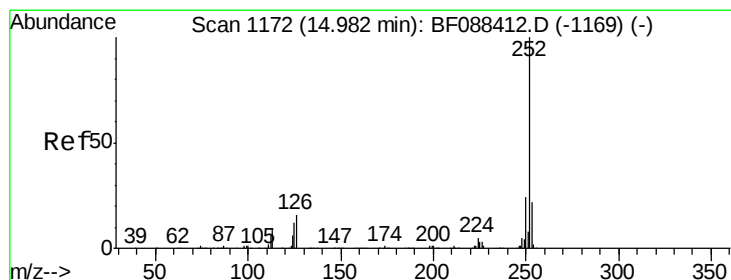
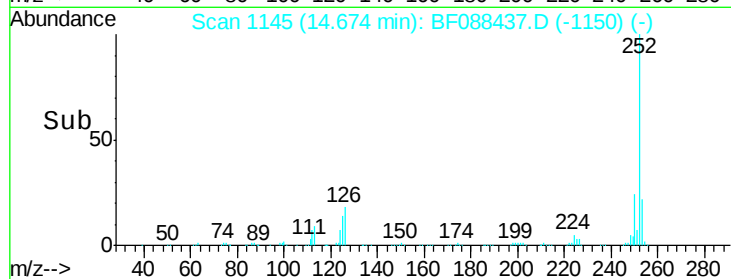
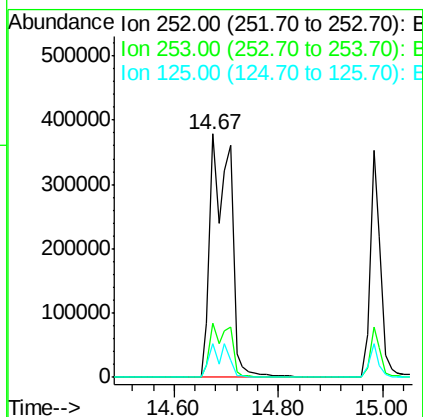
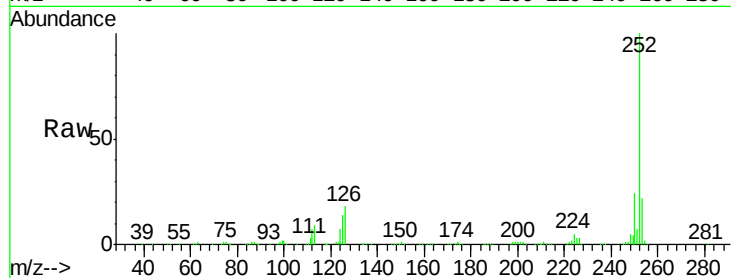




#88
Benzo(k)fluoranthene
Concen: 87.42 ng
RT: 14.67 min Scan# 1145
Delta R.T. -0.35 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

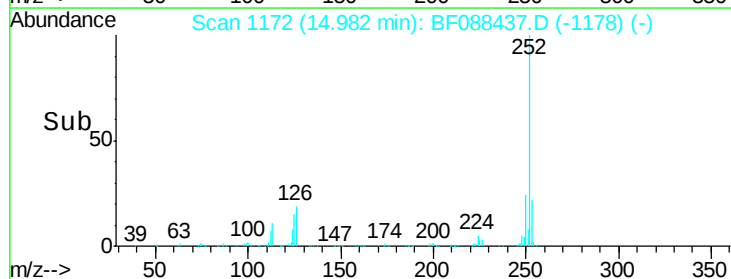
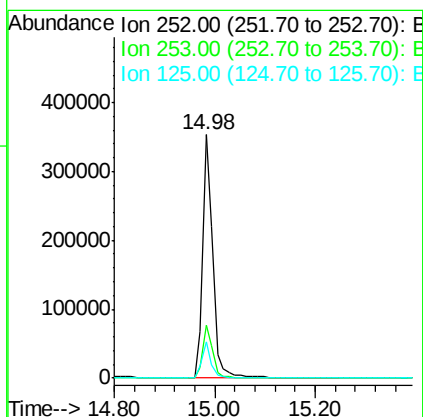
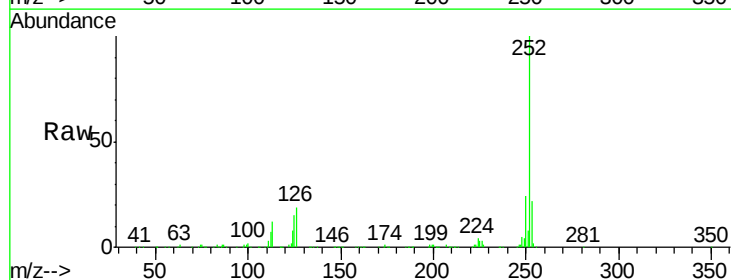
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

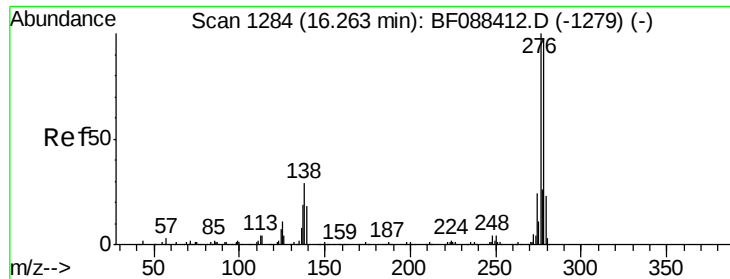
Tot Ion:252 Resp: 1016857
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 13.7 11.2 16.8



#89
Benzo(a)pyrene
Concen: 39.26 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.37 min
Lab File: BF088437.D
Acq: 27 Jun 2016 5:04

Tgt Ion:252 Resp: 489754
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 15.0 12.5 18.7





#90

Dibenzo(a,h)anthracene

Concen: 34.14 ng

RT: 16.27 min Scan# 1285

Delta R.T. -0.53 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

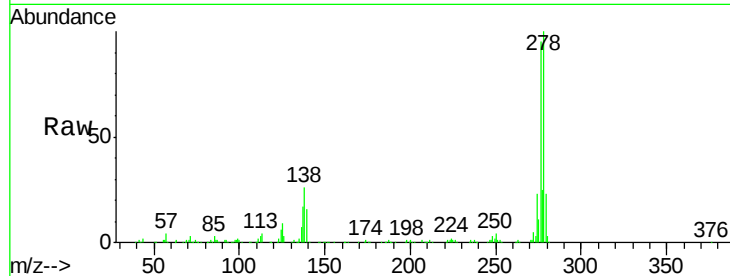
Tot Ion:278 Resp: 395608

Ion Ratio Lower Upper

278 100

139 16.2 15.7 23.5

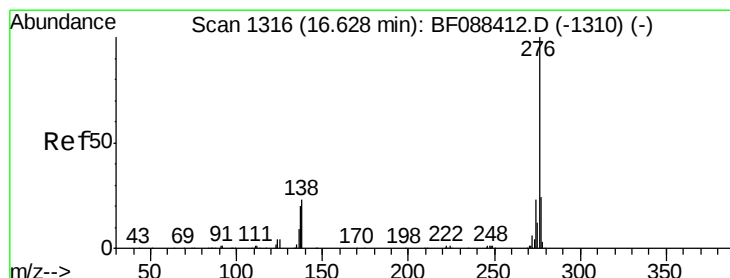
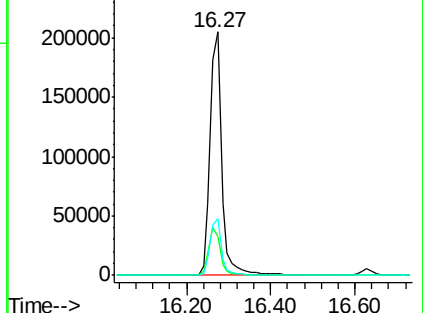
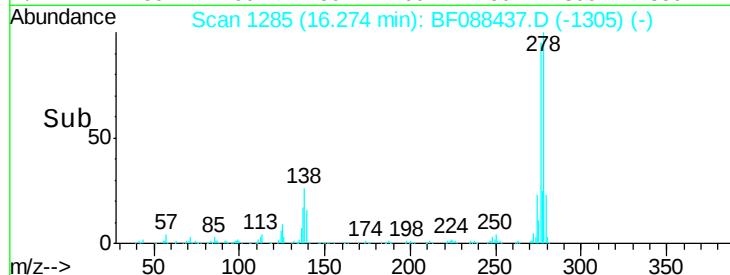
279 23.5 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 32.82 ng

RT: 16.63 min Scan# 1316

Delta R.T. -0.57 min

Lab File: BF088437.D

Acq: 27 Jun 2016 5:04

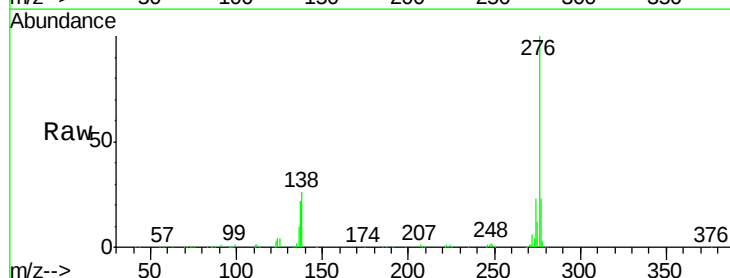
Tgt Ion:276 Resp: 391196

Ion Ratio Lower Upper

276 100

277 23.5 18.9 28.3

138 25.9 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

