

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088599.D
 Acq On : 2 Jul 2016 3:33
 Operator : UM/SJ
 Sample : H3816-14MSD
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPMSD

Quant Time: Jul 02 04:08:47 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 02 02:24:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	134603	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	482039	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	202347	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	339503	20.00	ng	0.00
75) Chrysene-d12	13.94	240	225220	20.00	ng	-0.01
86) Perylene-d12	15.35	264	206700	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	958367	106.71	ng	0.02
7) Phenol-d6	6.44	99	1326124	114.27	ng	0.00
23) Nitrobenzene-d5	7.37	82	841686	91.50	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	206874	110.10	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1233322	96.28	ng	0.00
78) Terphenyl-d14	12.90	244	731187	72.31	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.43	88	129878	29.17	ng	# 35
3) Pyridine	3.16	79	183402	14.19	ng	92
4) n-Nitrosodimethylamine	3.06	42	93005	18.84	ng	90
6) Aniline	6.47	93	196219	11.60	ng	# 69
8) 2-Chlorophenol	6.59	128	204357	21.17	ng	99
9) Benzaldehyde	6.35	77	141369	17.98	ng	95
10) Phenol	6.46	94	191141	14.43	ng	# 50
11) bis(2-Chloroethyl)ether	6.55	93	197752	20.02	ng	92
12) 1,3-Dichlorobenzene	6.98	146	205279	19.33	ng	98
13) 1,4-Dichlorobenzene	6.82	146	196000	18.59	ng	93
14) 1,2-Dichlorobenzene	6.75	146	197875	20.05	ng	97
15) Benzyl Alcohol	6.95	79	176367	20.65	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.10	45	278866	19.50	ng	93
17) 2-Methylphenol	7.07	107	161717	20.54	ng	95
18) Hexachloroethane	7.32	117	66644	16.34	ng	92
19) n-Nitroso-di-n-propylamine	7.22	70	141131	18.10	ng	96
20) 3+4-Methylphenols	7.22	107	201757	21.35	ng	# 76
22) Acetophenone	7.22	105	286518	24.49	ng	# 89
24) Nitrobenzene	7.39	77	242598	26.16	ng	# 86
25) Isophorone	7.63	82	411634	24.16	ng	99
26) 2-Nitrophenol	7.71	139	81697	21.48	ng	# 78
27) 2,4-Dimethylphenol	7.75	122	151147	19.08	ng	89
28) bis(2-Chloroethoxy)methane	7.85	93	270567	24.40	ng	# 96
29) 2,4-Dichlorophenol	7.95	162	156991	24.52	ng	94
30) 1,2,4-Trichlorobenzene	8.03	180	153821	21.90	ng	98
31) Naphthalene	8.11	128	533998	22.47	ng	99
32) Benzoic acid	7.83	122	39110	6.80	ng	92
33) 4-Chloroaniline	8.16	127	115960	10.97	ng	95
34) Hexachlorobutadiene	8.24	225	83775	22.27	ng	99
35) Caprolactam	8.51	113	47561	21.88	ng	# 79
36) 4-Chloro-3-methylphenol	8.65	107	158951	21.00	ng	88
37) 2-Methylnaphthalene	8.81	142	343032	22.42	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	137129	20.38	ng	# 1
40) Hexachlorocyclopentadiene	8.96	237	61519	18.62	ng	99

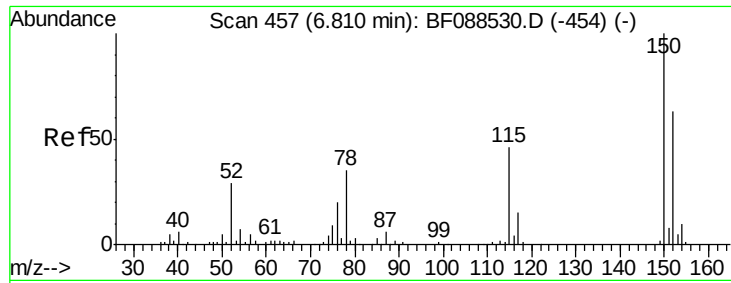
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	108197	24.38	ng	98
43) 2,4,5-Trichlorophenol	9.12	196	93031	24.37	ng	# 86
45) 1,1'-Biphenyl	9.27	154	387529	23.13	ng	99
46) 2-Chloronaphthalene	9.29	162	297321	22.60	ng	99
47) 2-Nitroaniline	9.38	65	102531	21.96	ng	93
48) Acenaphthylene	9.70	152	456747	21.82	ng	100
49) Dimethylphthalate	9.58	163	618968	42.94	ng	98
50) 2,6-Dinitrotoluene	9.63	165	75768	23.71	ng	94
51) Acenaphthene	9.87	154	269923	21.04	ng	98
52) 3-Nitroaniline	9.79	138	87617	21.57	ng	100
53) 2,4-Dinitrophenol	9.90	184	14623	10.37	ng	# 89
54) Dibenzofuran	10.04	168	396675	23.62	ng	# 89
55) 4-Nitrophenol	9.95	139	156151	50.59	ng	96
56) 2,4-Dinitrotoluene	10.02	165	85656	20.50	ng	# 36
57) Fluorene	10.39	166	287534	22.22	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	66711	22.58	ng	# 54
59) Diethylphthalate	10.27	149	372326	25.74	ng	97
60) 4-Chlorophenyl-phenylether	10.39	204	140725	23.40	ng	90
61) 4-Nitroaniline	10.40	138	76079	19.47	ng	92
62) Azobenzene	10.55	77	390758	23.68	ng	92
64) 4,6-Dinitro-2-methylphenol	10.43	198	8698	4.79	ng	# 71
65) n-Nitrosodiphenylamine	10.50	169	285433	24.84	ng	99
66) 4-Bromophenyl-phenylether	10.87	248	78553	22.96	ng	# 72
67) Hexachlorobenzene	10.94	284	81992	21.65	ng	91
68) Atrazine	11.03	200	82284	22.98	ng	93
69) Pentachlorophenol	11.13	266	122170	54.51	ng	98
70) Phenanthrene	11.35	178	415461	22.39	ng	98
71) Anthracene	11.39	178	383307	20.77	ng	99
72) Carbazole	11.55	167	369130	21.25	ng	97
73) Di-n-butylphthalate	11.90	149	488360	24.17	ng	# 97
74) Fluoranthene	12.53	202	361691	19.22	ng	98
76) Benzidine	12.65	184	100740	8.85	ng	98
77) Pyrene	12.75	202	363672	19.04	ng	98
79) Butylbenzylphthalate	13.38	149	182661	21.44	ng	90
80) Benzo(a)anthracene	13.93	228	296678	20.46	ng	100
81) 3,3'-Dichlorobenzidine	13.91	252	101805	18.67	ng	98
82) Chrysene	13.98	228	287405	20.03	ng	98
83) Bis(2-ethylhexyl)phthalate	13.94	149	264404	27.19	ng	97
84) Di-n-octyl phthalate	14.55	149	418370	25.32	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.69	276	223035	20.20	ng	# 100
87) Benzo(b)fluoranthene	14.95	252	510025	39.33	ng	# 96
88) Benzo(k)fluoranthene	14.95	252	510025	45.18	ng	99
89) Benzo(a)pyrene	15.29	252	232539	21.18	ng	# 95
90) Dibenzo(a,h)anthracene	16.71	278	189214	20.64	ng	98
91) Benzo(g,h,i)perylene	17.10	276	176017	18.55	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 457

Delta R.T. 0.00 min

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SB-04-COMPMSD

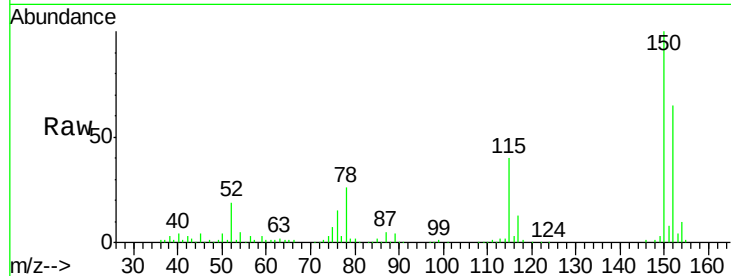
Tgt Ion:152 Resp: 134603

Ion Ratio Lower Upper

152 100

150 154.8 123.8 185.6

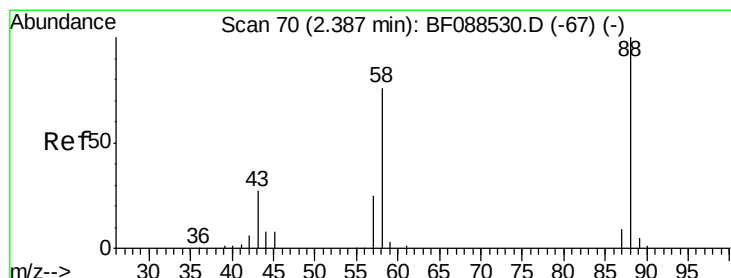
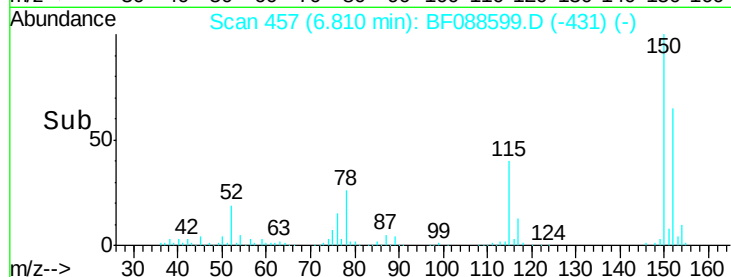
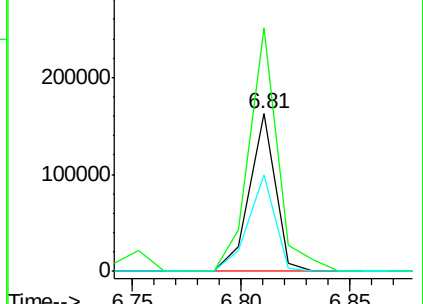
115 61.6 39.6 59.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.17 ng

RT: 2.43 min Scan# 74

Delta R.T. 0.06 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

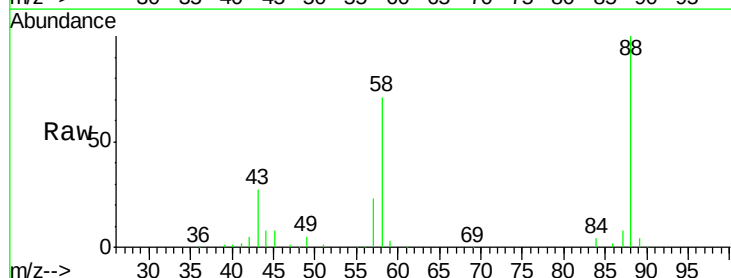
Tgt Ion: 88 Resp: 129878

Ion Ratio Lower Upper

88 100

58 70.2 0.0 0.0#

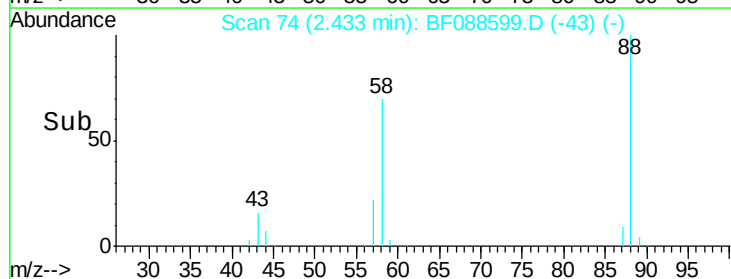
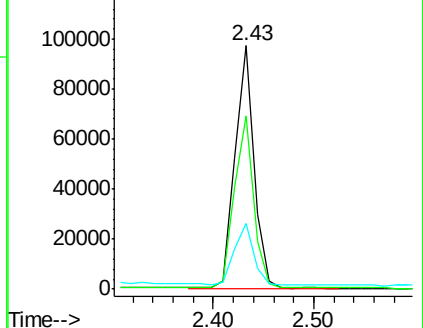
43 25.6 3.4 5.2#

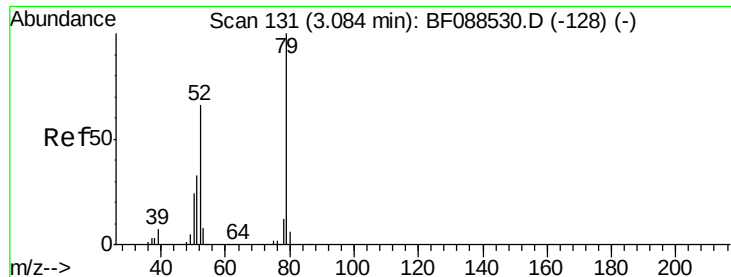


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 14.19 ng

RT: 3.16 min Scan# 138

Delta R.T. 0.09 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMSD

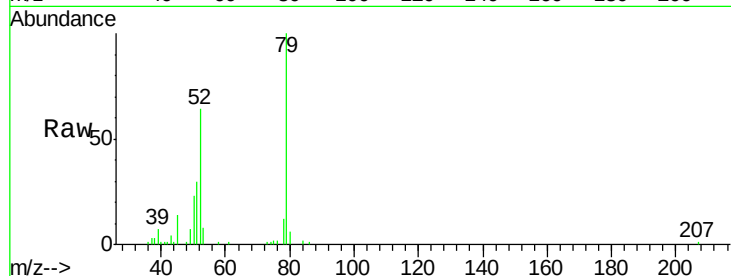
Tgt Ion: 79 Resp: 183402

Ion Ratio Lower Upper

79 100

52 63.8 56.3 84.5

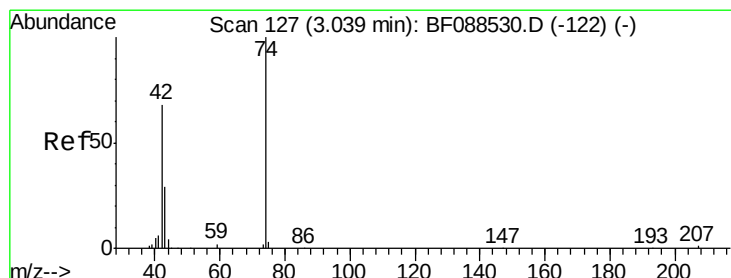
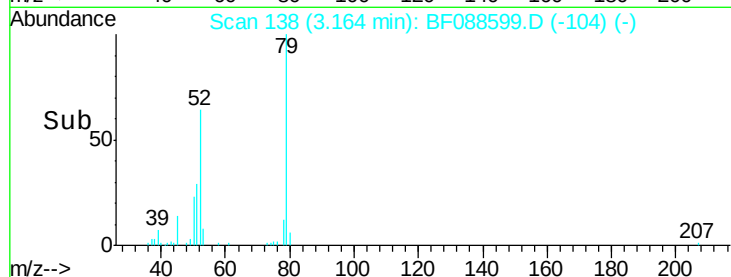
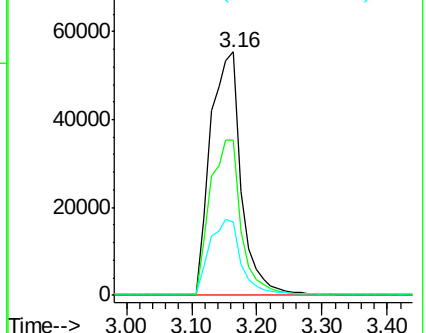
51 30.4 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 18.84 ng

RT: 3.06 min Scan# 129

Delta R.T. 0.03 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

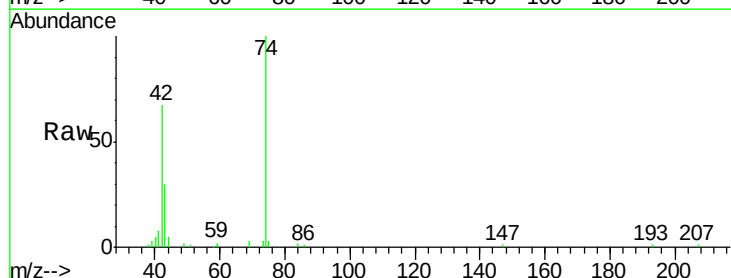
Tgt Ion: 42 Resp: 93005

Ion Ratio Lower Upper

42 100

74 148.9 108.6 163.0

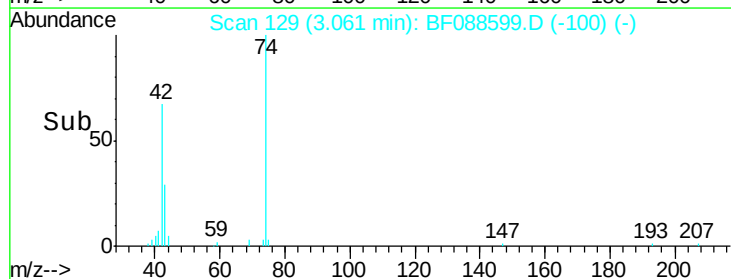
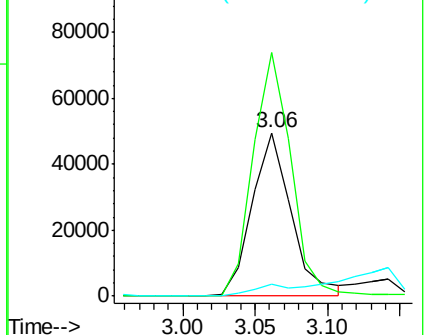
44 7.0 5.5 8.3

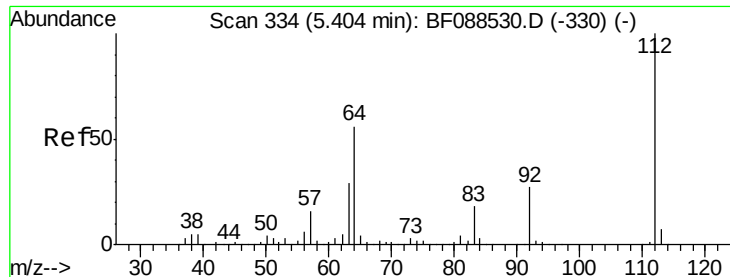


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 106.71 ng

RT: 5.42 min Scan# 335

Delta R.T. 0.02 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Instrument :

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ClientSampleId :

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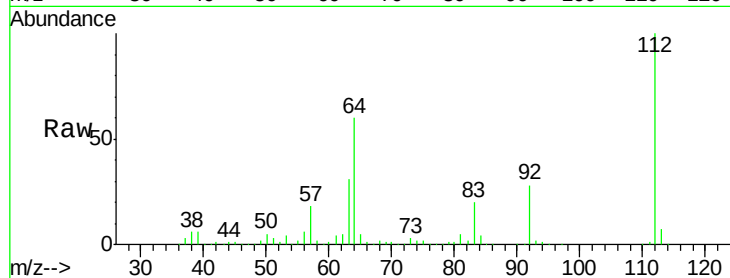
Tgt Ion: 112 Resp: 958367

Ion Ratio Lower Upper

112 100

64 59.6 42.2 63.2

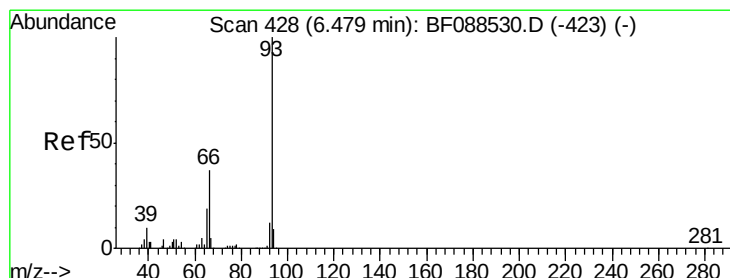
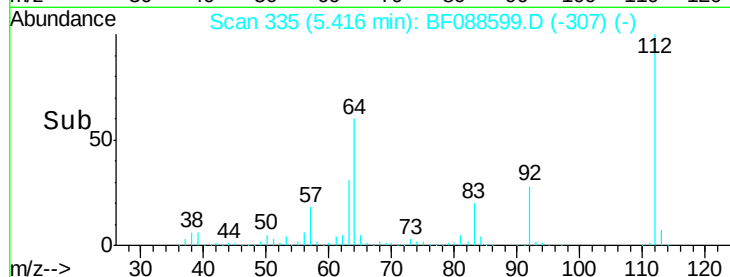
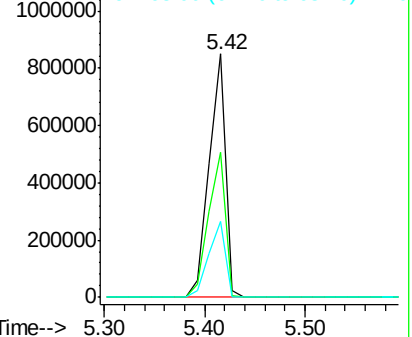
63 31.2 21.8 32.8



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: 11.60 ng

RT: 6.47 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

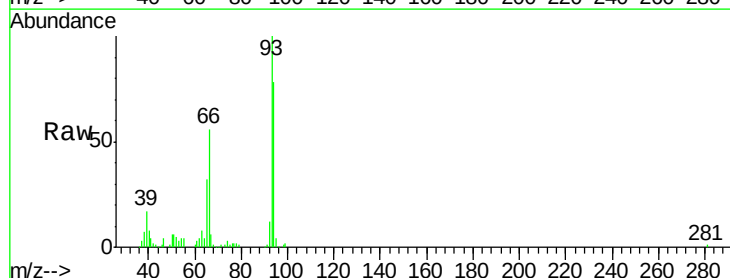
Tgt Ion: 93 Resp: 196219

Ion Ratio Lower Upper

93 100

66 55.6 29.8 44.8#

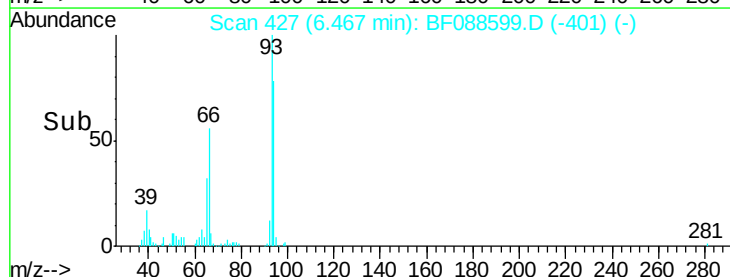
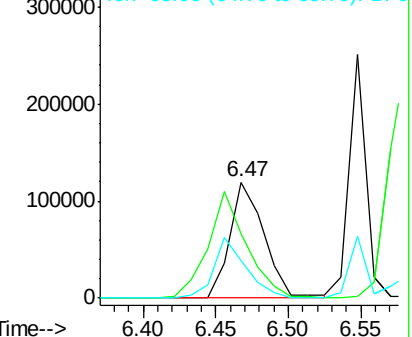
65 32.3 14.9 22.3#

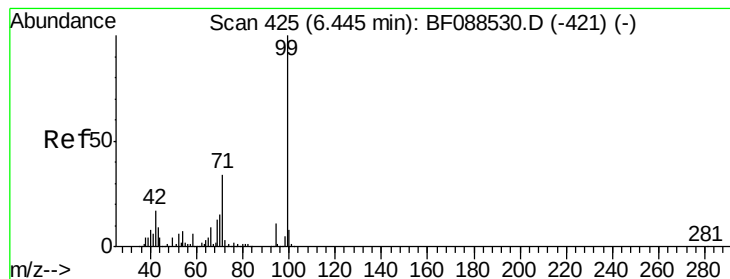


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 114.27 ng

RT: 6.44 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF088599.D

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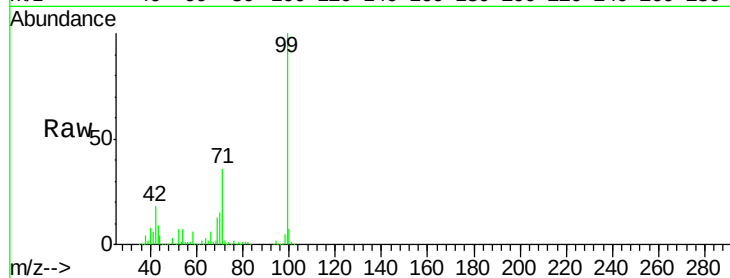
Tgt Ion: 99 Resp: 1326124

Ion Ratio Lower Upper

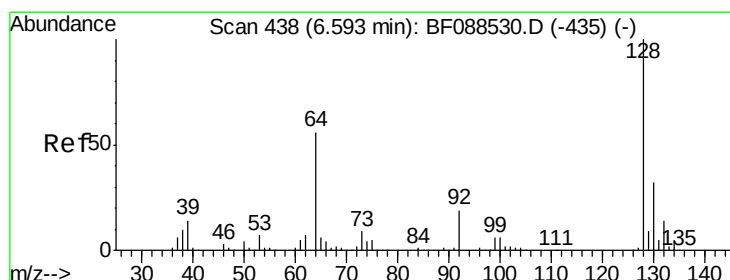
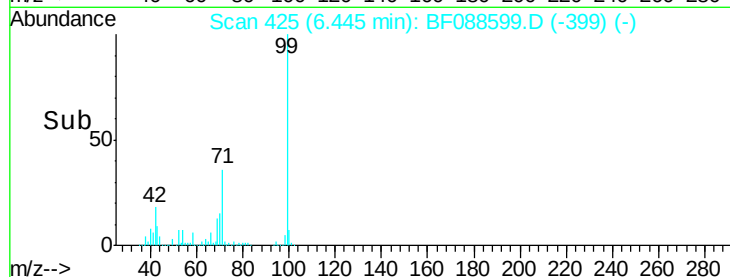
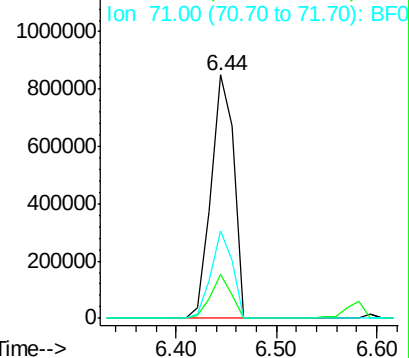
99 100

42 18.1 12.2 18.2

71 36.1 23.4 35.0#



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 21.17 ng

RT: 6.59 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

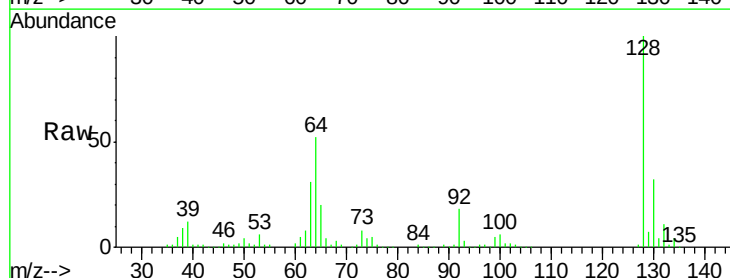
Tgt Ion: 128 Resp: 204357

Ion Ratio Lower Upper

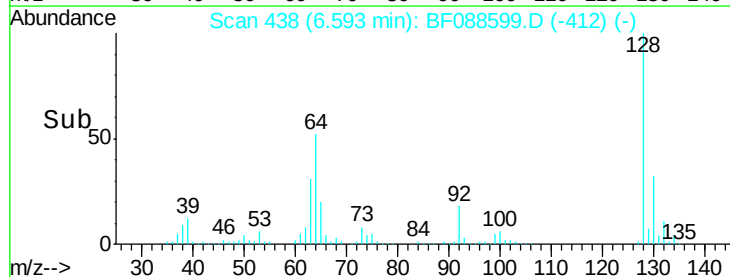
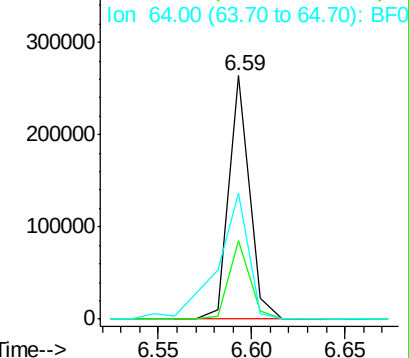
128 100

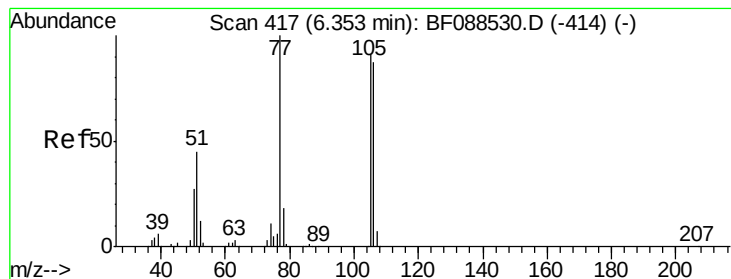
130 32.0 12.0 52.0

64 51.6 30.8 70.8



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





#9

Benzaldehyde

Concen: 17.98 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

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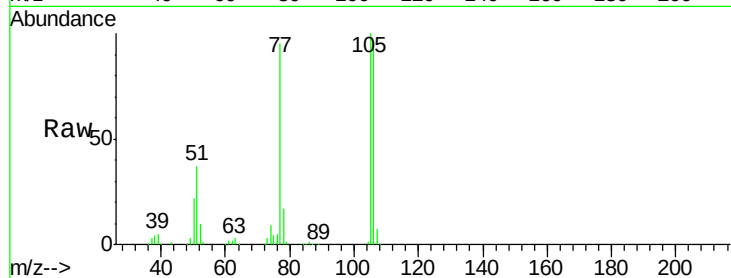
Tgt Ion: 77 Resp: 141369

Ion Ratio Lower Upper

77 100

105 105.0 90.6 130.6

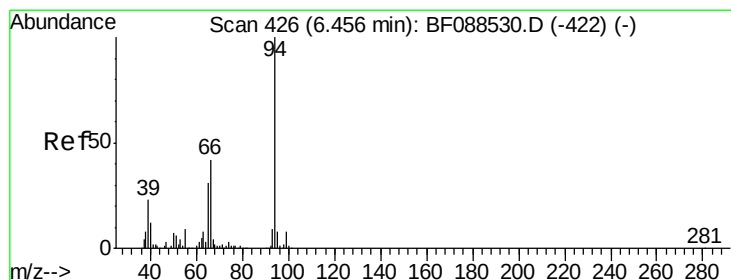
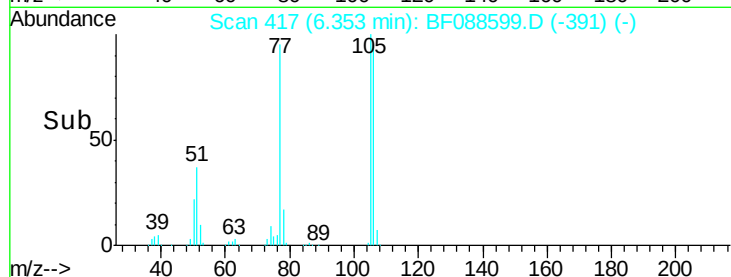
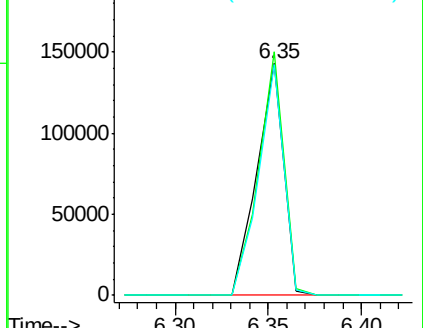
106 99.6 85.3 125.3



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: 14.43 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

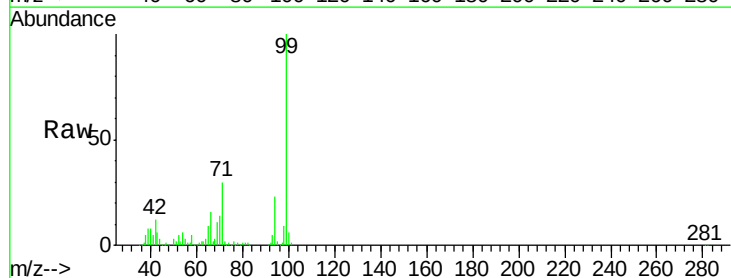
Tgt Ion: 94 Resp: 191141

Ion Ratio Lower Upper

94 100

65 40.7 5.9 45.9

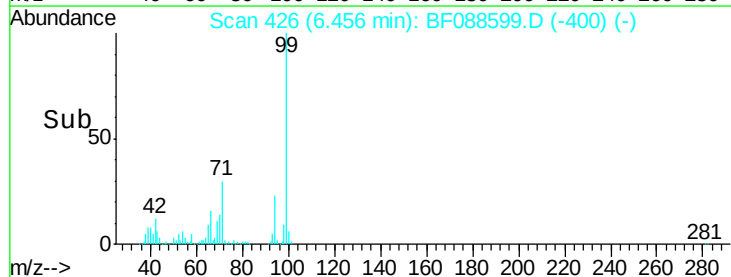
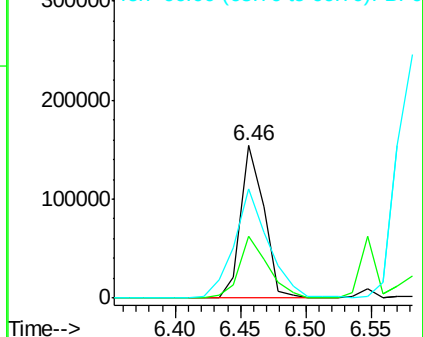
66 71.4 14.0 54.0#

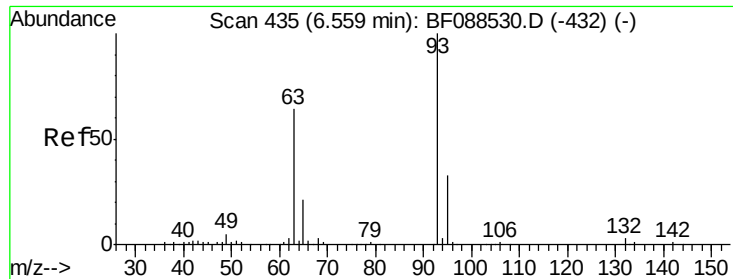


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 20.02 ng

RT: 6.55 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMSD

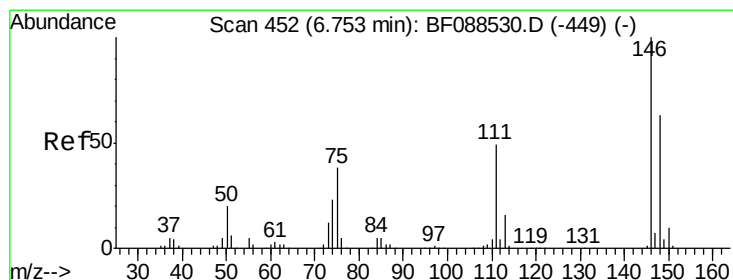
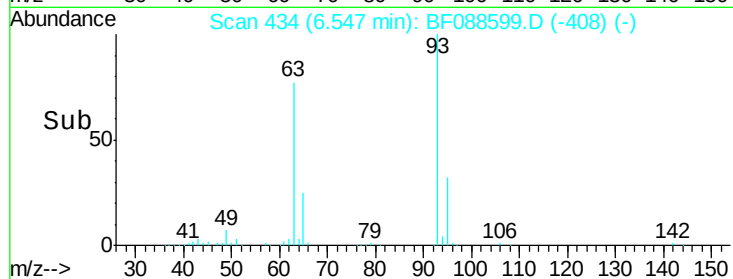
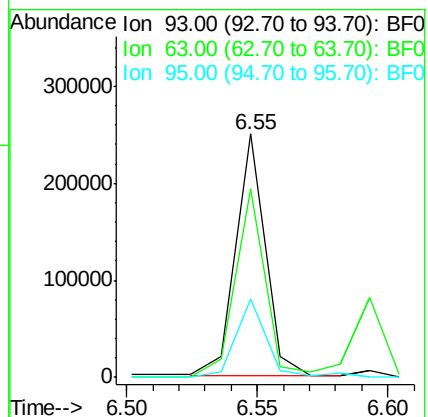
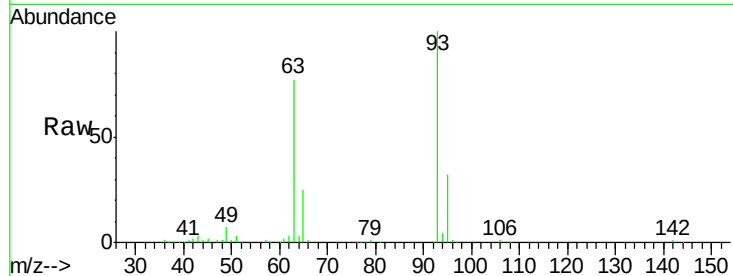
Tgt Ion: 93 Resp: 197752

Ion Ratio Lower Upper

93 100

63 77.4 67.6 107.6

95 32.0 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 19.33 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.23 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

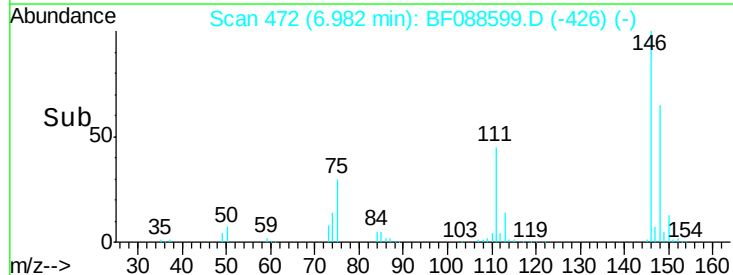
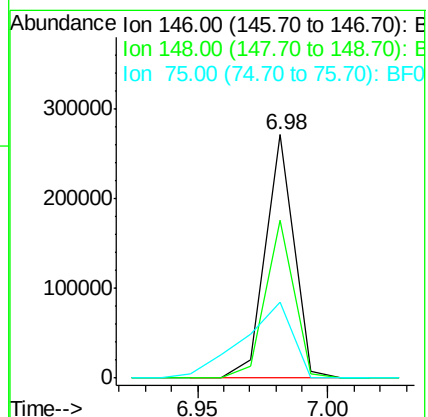
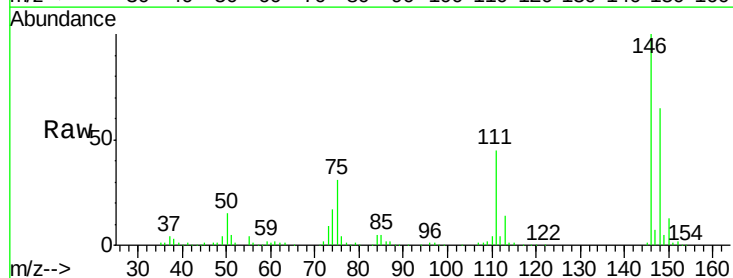
Tgt Ion: 146 Resp: 205279

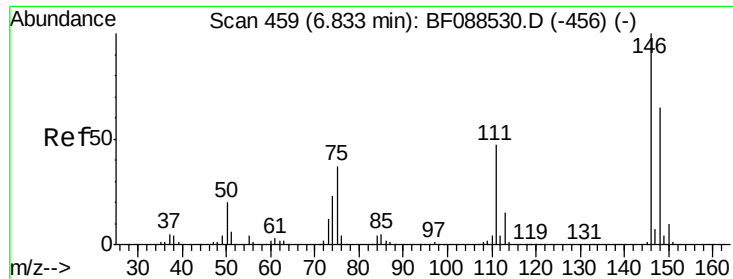
Ion Ratio Lower Upper

146 100

148 64.8 50.9 76.3

75 31.0 25.6 38.4

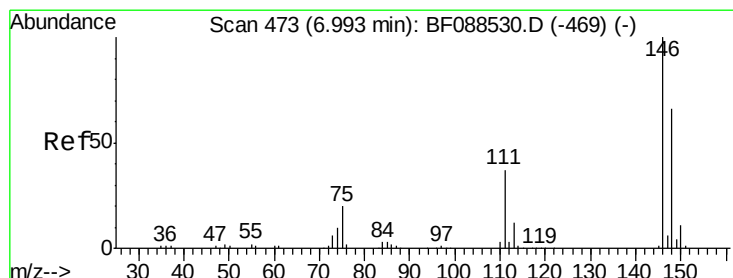
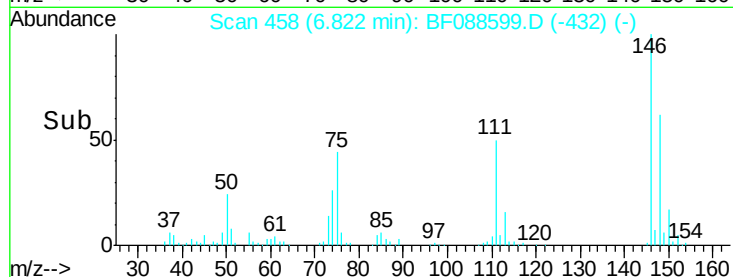
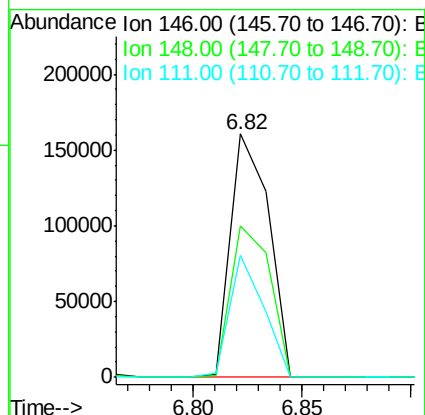
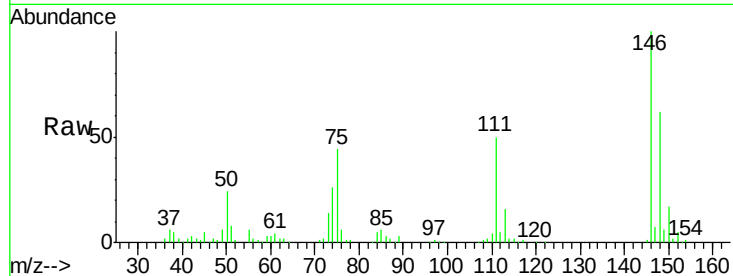




#13
 1,4-Dichlorobenzene
 Concen: 18.59 ng
 RT: 6.82 min Scan# 458
 Delta R.T. 0.00 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

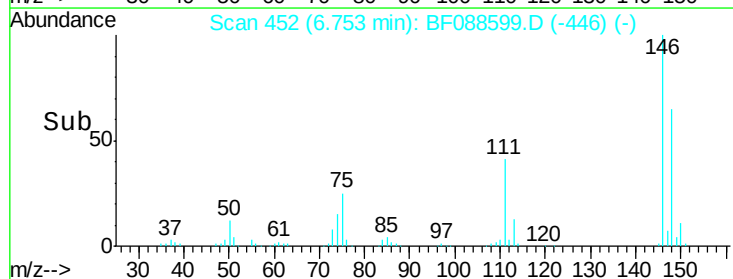
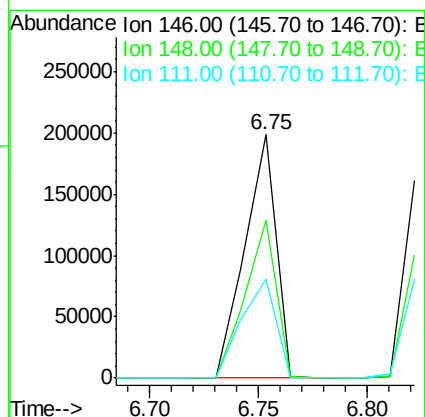
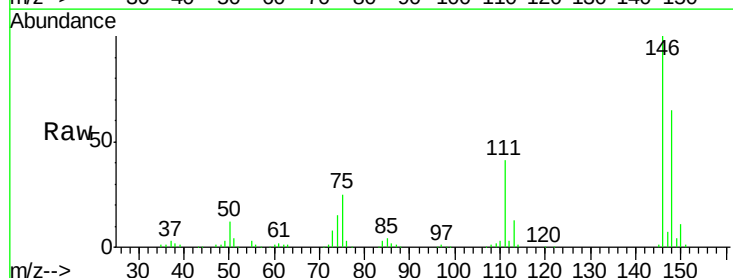
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPMSD

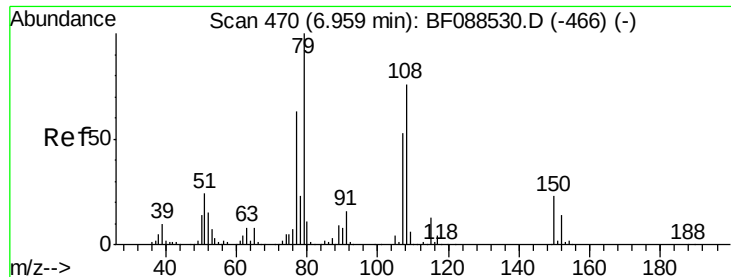
Tgt Ion:146 Resp: 196000
 Ion Ratio Lower Upper
 146 100
 148 62.3 52.0 78.0
 111 50.1 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 20.05 ng
 RT: 6.75 min Scan# 452
 Delta R.T. -0.23 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

Tgt Ion:146 Resp: 197875
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.3 78.5
 111 40.9 28.7 43.1





#15

Benzyl Alcohol

Concen: 20.65 ng

RT: 6.95 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMSD

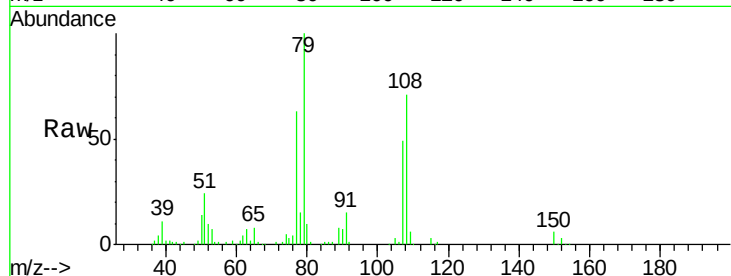
Tgt Ion: 79 Resp: 176367

Ion Ratio Lower Upper

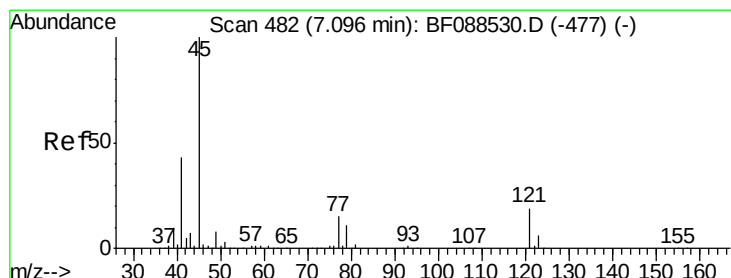
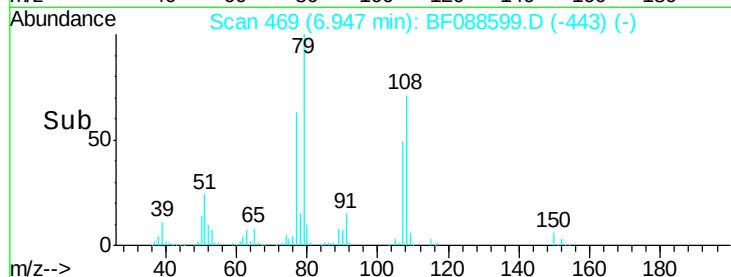
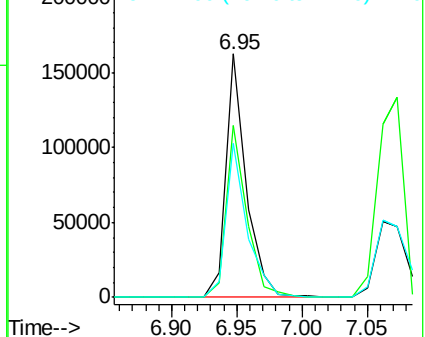
79 100

108 70.8 65.0 97.6

77 63.5 50.3 75.5



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 19.50 ng

RT: 7.10 min Scan# 482

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

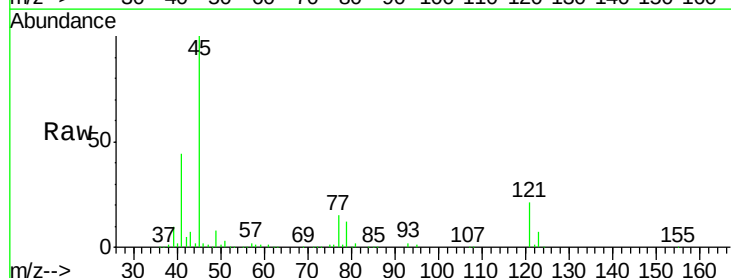
Tgt Ion: 45 Resp: 278866

Ion Ratio Lower Upper

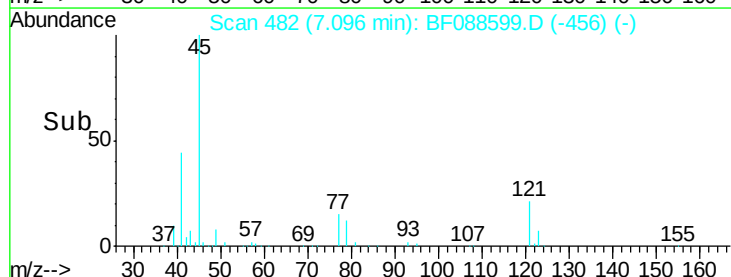
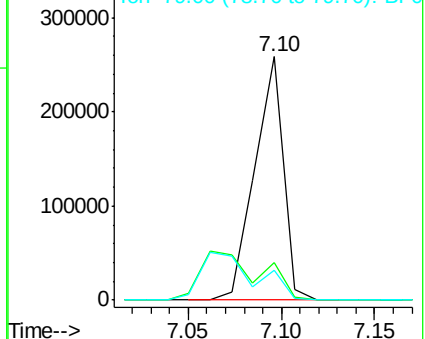
45 100

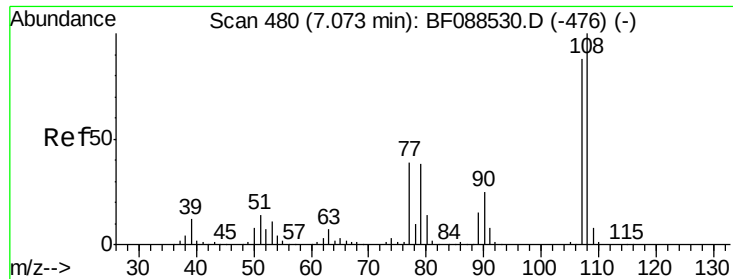
77 15.4 0.0 32.5

79 12.2 0.0 29.5



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

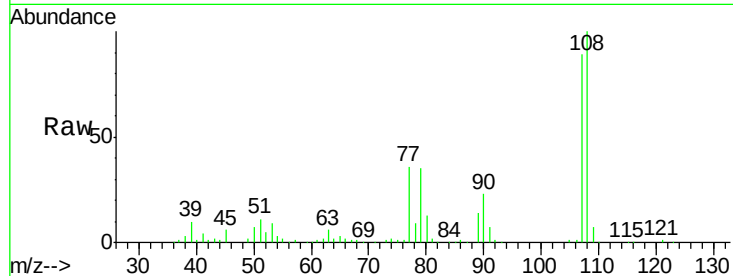




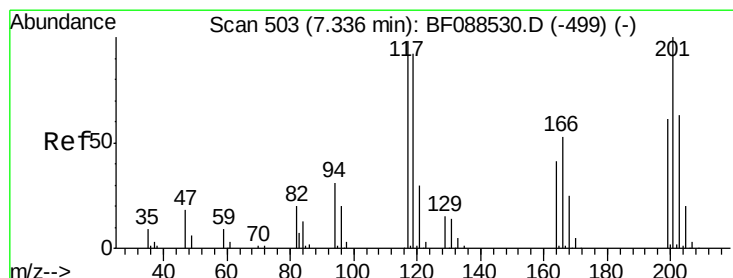
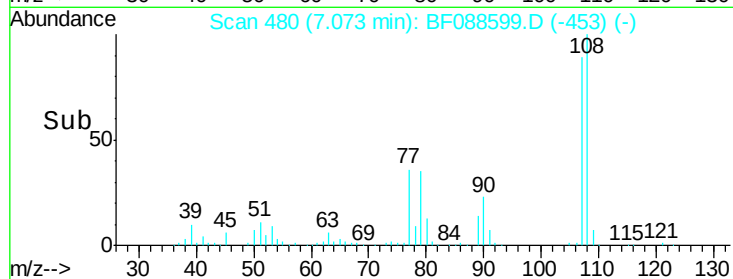
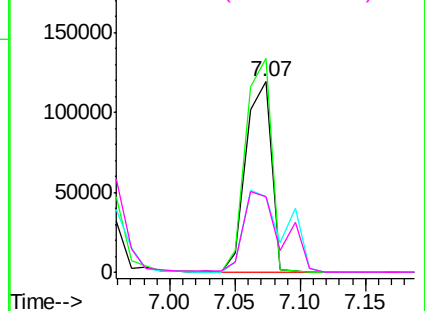
#17
2-Methylphenol
Concen: 20.54 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.01 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD

Tgt Ion:	107	Resp:	161717
Ion	Ratio	Lower	Upper
107	100		
108	112.1	90.9	136.3
77	39.9	36.6	55.0
79	39.7	36.5	54.7

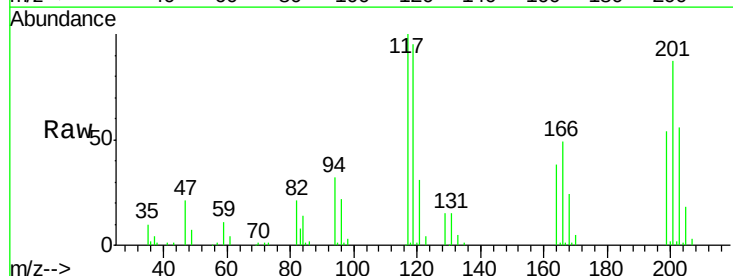


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

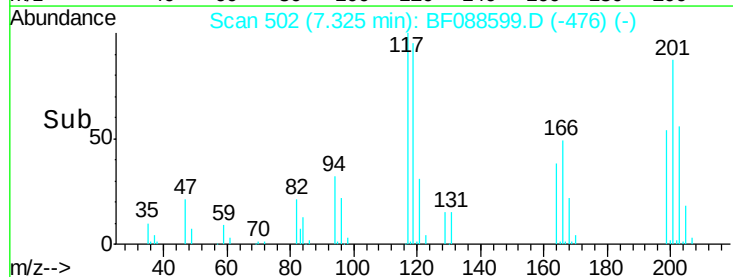
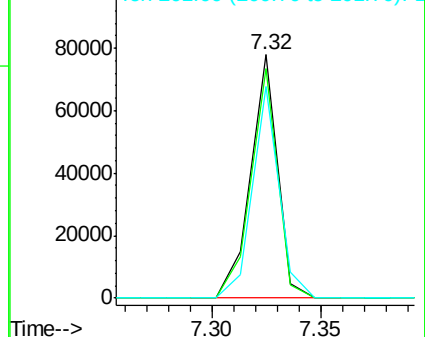


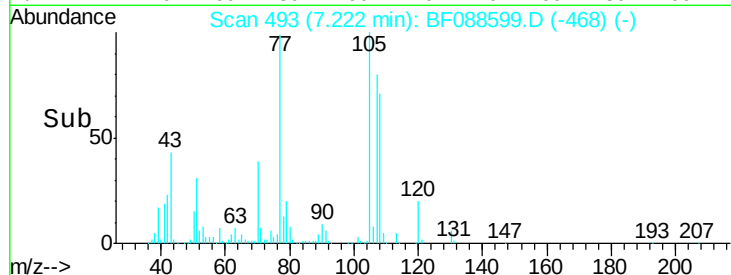
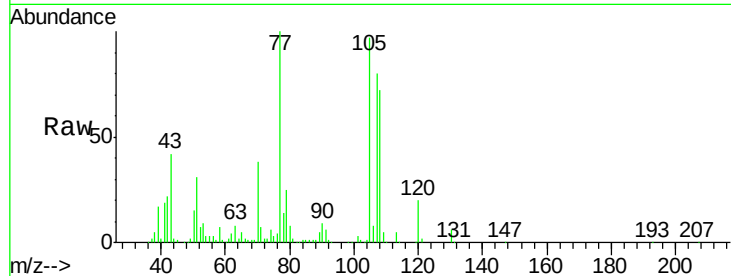
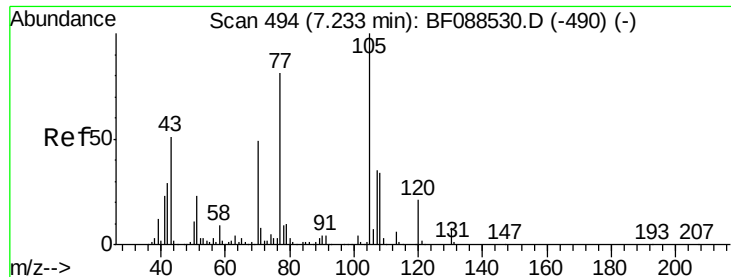
#18
Hexachloroethane
Concen: 16.34 ng
RT: 7.32 min Scan# 502
Delta R.T. 0.00 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Tgt Ion:	117	Resp:	66644
Ion	Ratio	Lower	Upper
117	100		
119	94.5	77.4	116.2
201	87.0	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

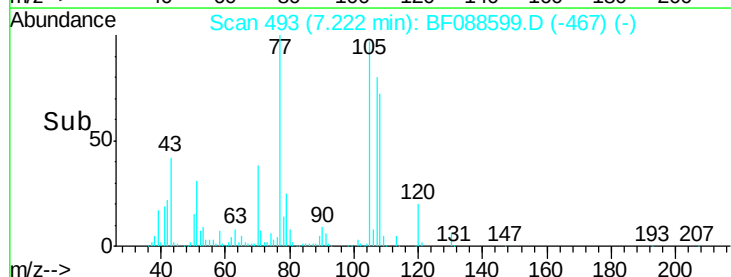
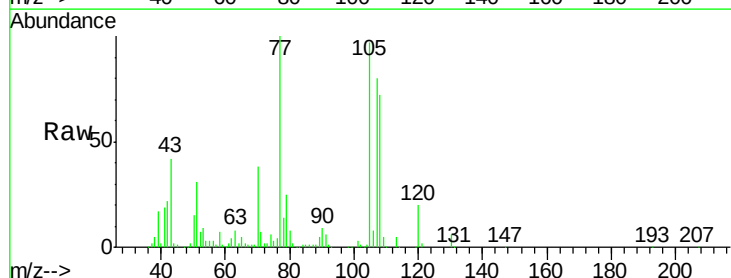
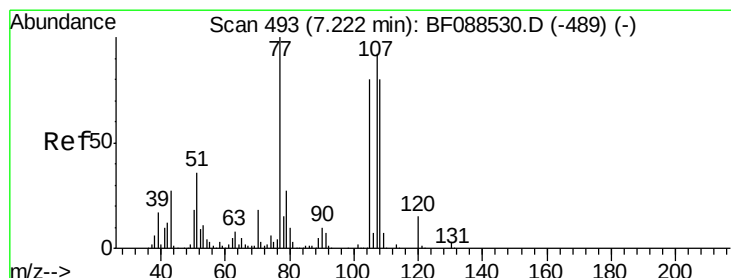
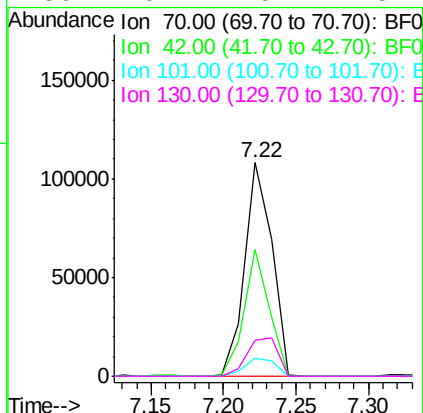




#19
n-Nitroso-di-n-propylamine
Concen: 18.10 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.01 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

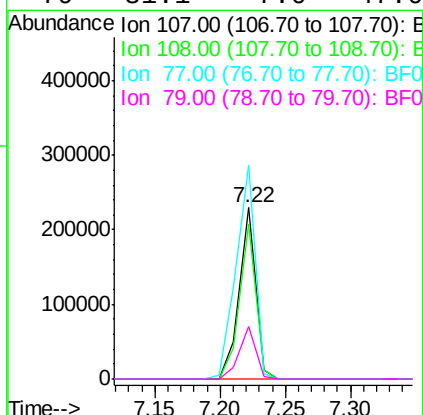
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD

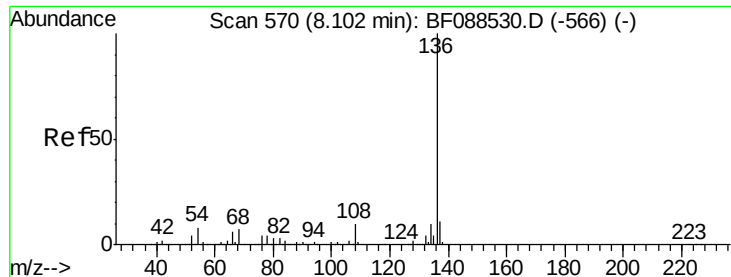
Tgt Ion:	70	Resp:	141131
Ion	Ratio	Lower	Upper
70	100		
42	59.5	49.6	74.4
101	8.7	7.1	10.7
130	16.7	15.4	23.2



#20
3+4-Methylphenols
Concen: 21.35 ng
RT: 7.22 min Scan# 493
Delta R.T. 0.00 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Tgt Ion:	107	Resp:	201757
Ion	Ratio	Lower	Upper
107	100		
108	90.5	67.8	107.8
77	124.8	59.3	99.3#
79	31.1	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMSD

Tgt Ion:136 Resp: 482039

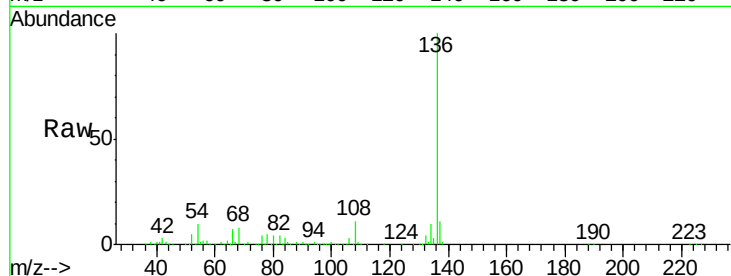
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 9.9 6.6 10.0

68 8.2 5.1 7.7#

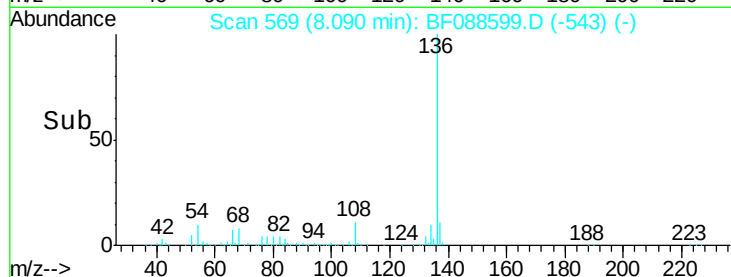


Abundance Ion 136.00 (135.70 to 136.70): E

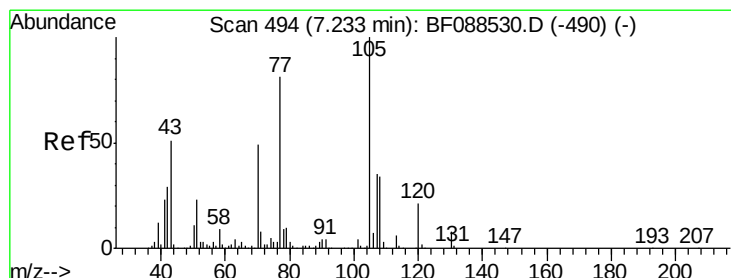
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.00 8.05 8.10 8.15



#22

Acetophenone

Concen: 24.49 ng

RT: 7.22 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Tgt Ion:105 Resp: 286518

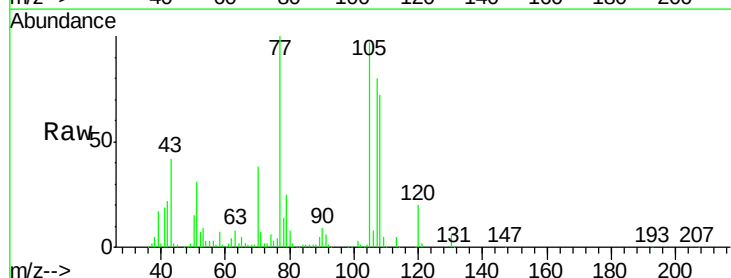
Ion Ratio Lower Upper

105 100

71 6.7 5.3 7.9

51 32.3 18.2 27.4#

120 20.1 18.0 27.0

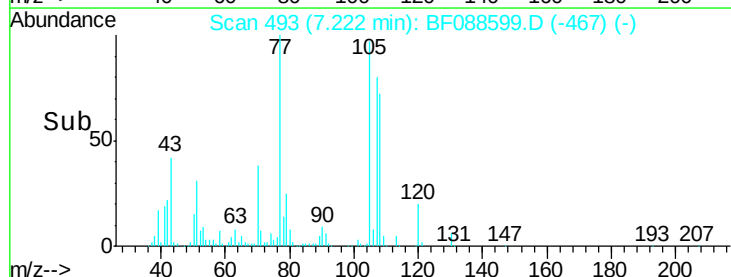


Abundance Ion 105.00 (104.70 to 105.70): E

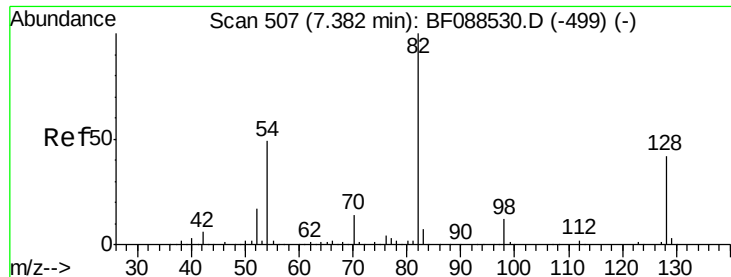
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



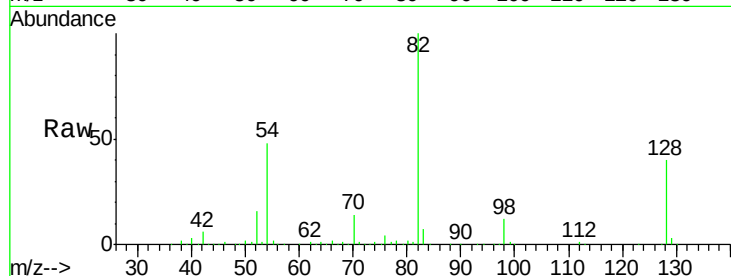
Time--> 7.15 7.20 7.25



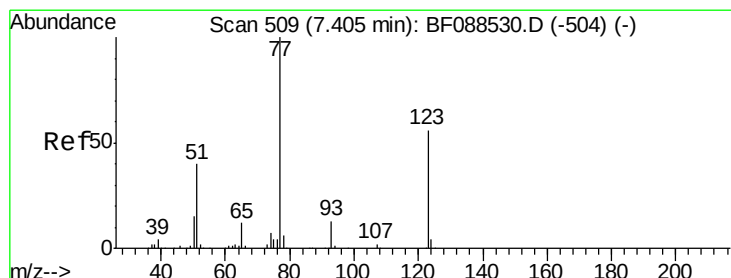
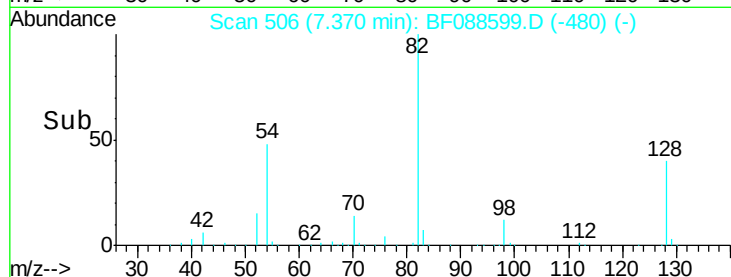
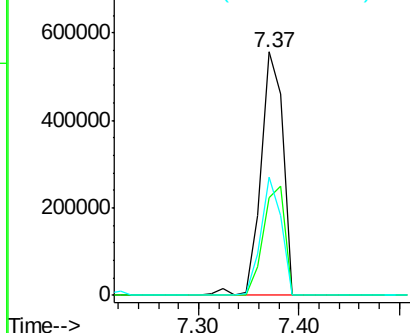
#23
 Nitrobenzene-d5
 Concen: 91.50 ng
 RT: 7.37 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPMSD

Tgt Ion: 82 Resp: 841686
 Ion Ratio Lower Upper
 82 100
 128 40.0 35.9 53.9
 54 48.4 40.9 61.3

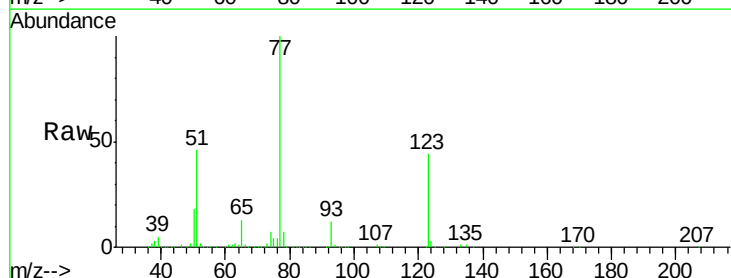


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

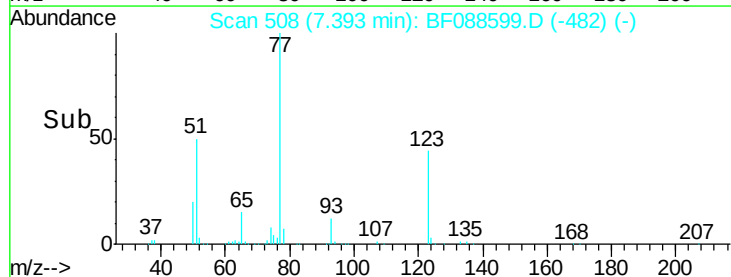
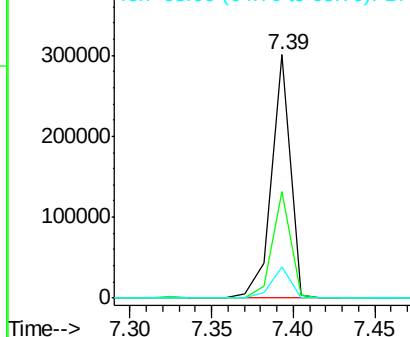


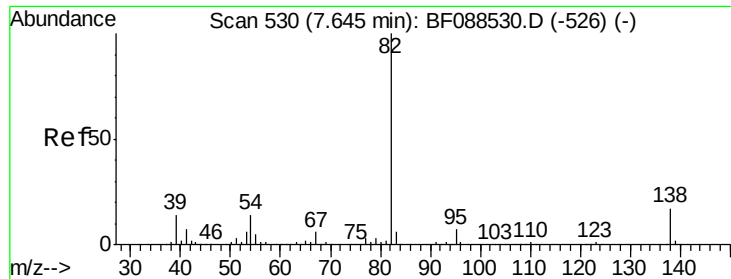
#24
 Nitrobenzene
 Concen: 26.16 ng
 RT: 7.39 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

Tgt Ion: 77 Resp: 242598
 Ion Ratio Lower Upper
 77 100
 123 44.0 45.0 67.4#
 65 13.0 10.2 15.2



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





#25

Isophorone

Concen: 24.16 ng

RT: 7.63 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMSD

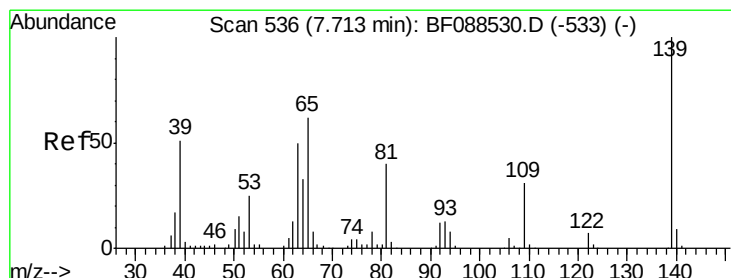
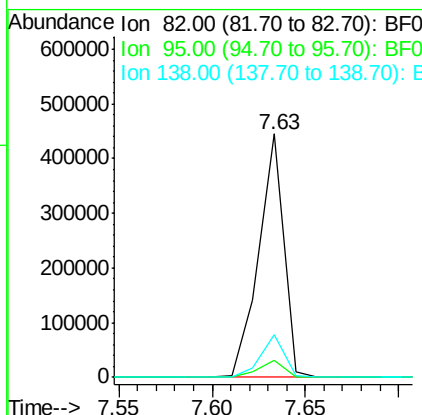
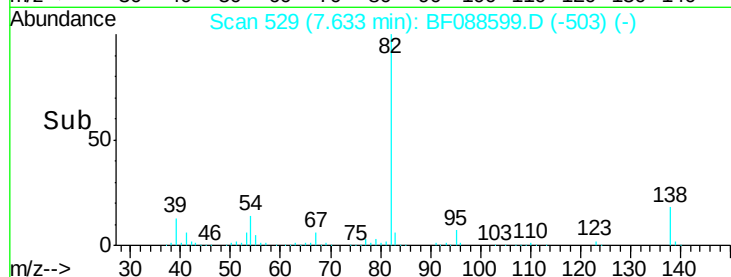
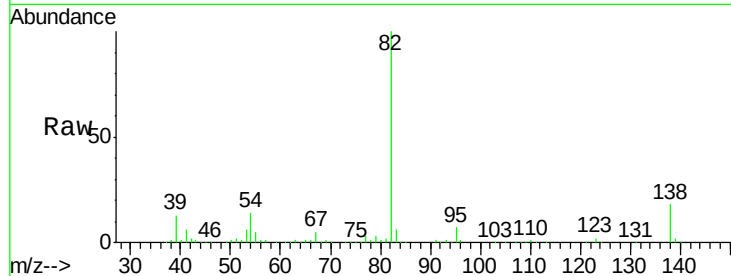
Tgt Ion: 82 Resp: 411634

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

138 17.6 14.6 21.8



#26

2-Nitrophenol

Concen: 21.48 ng

RT: 7.71 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

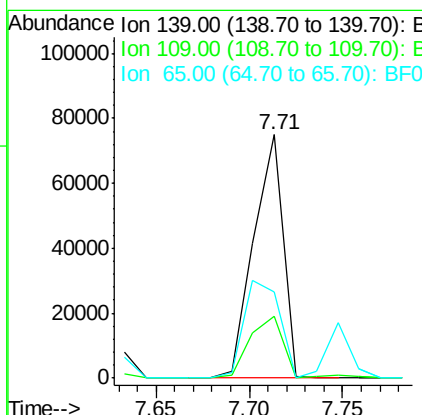
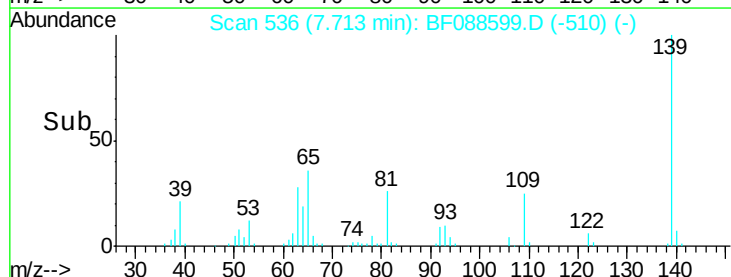
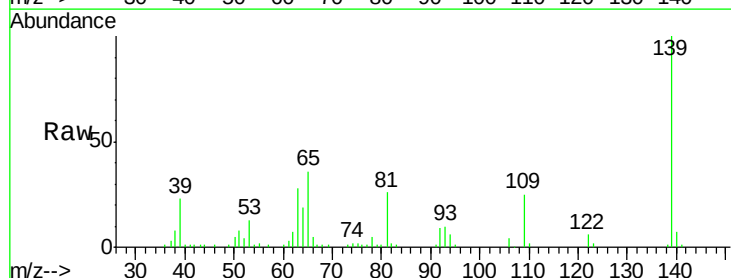
Tgt Ion: 139 Resp: 81697

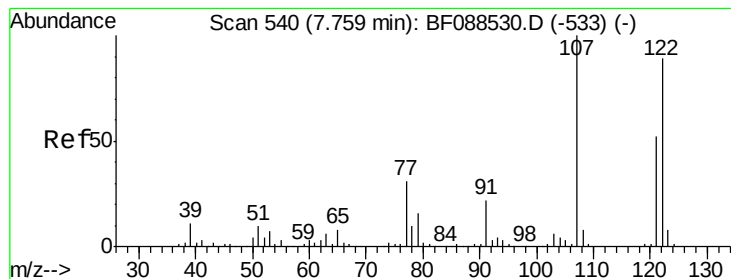
Ion Ratio Lower Upper

139 100

109 25.3 23.0 34.4

65 35.5 45.8 68.8#

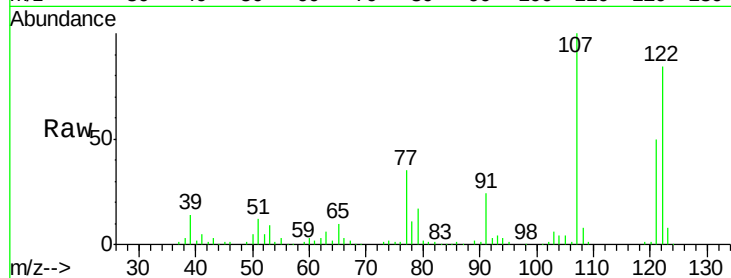




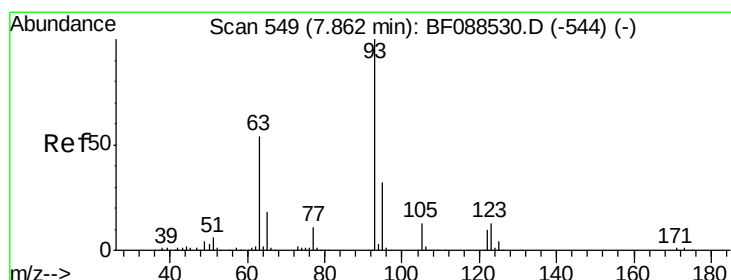
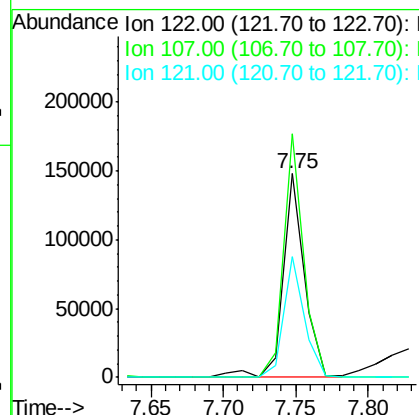
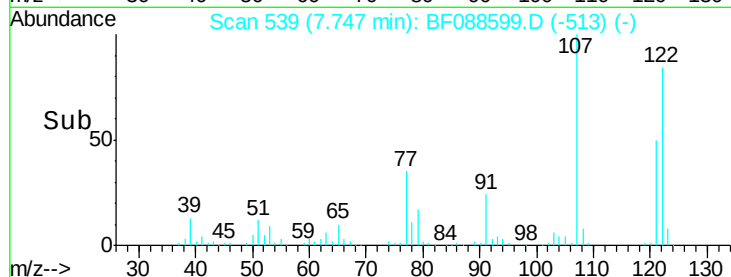
#27
 2,4-Dimethylphenol
 Concen: 19.08 ng
 RT: 7.75 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPMSD

Tgt Ion:122 Resp: 151147
 Ion Ratio Lower Upper
 122 100
 107 119.6 82.4 123.6
 121 59.4 46.3 69.5

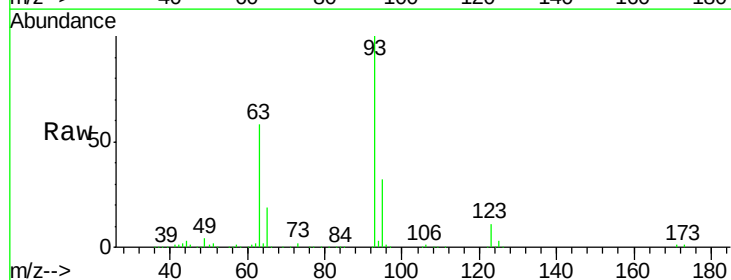


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

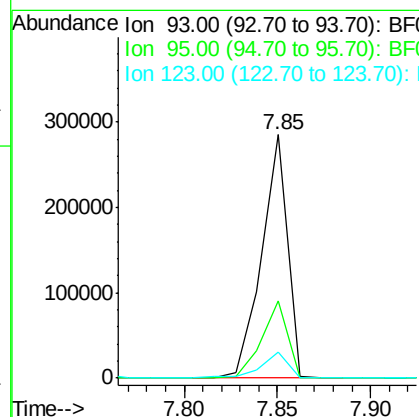
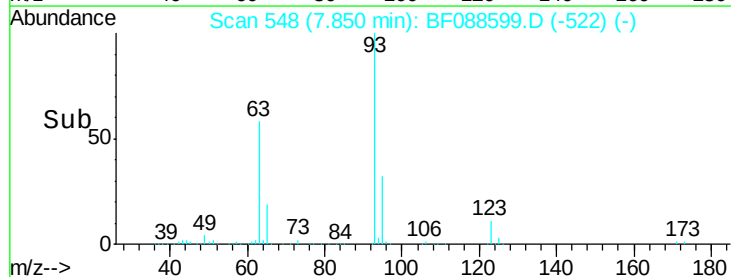


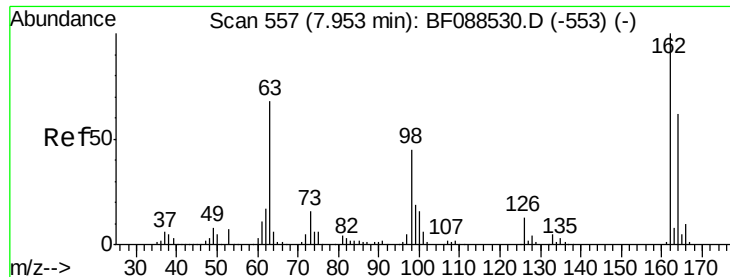
#28
 bis(2-Chloroethoxy)methane
 Concen: 24.40 ng
 RT: 7.85 min Scan# 548
 Delta R.T. 0.00 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

Tgt Ion: 93 Resp: 270567
 Ion Ratio Lower Upper
 93 100
 95 31.9 26.5 39.7
 123 10.5 11.6 17.4#



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

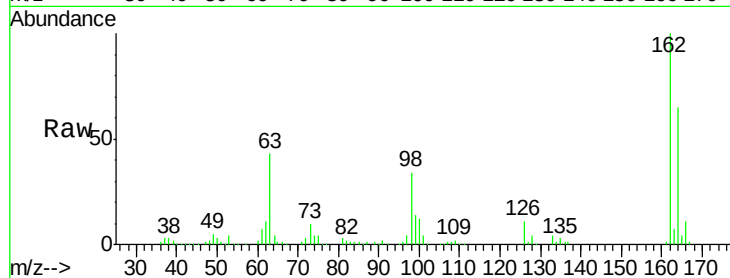




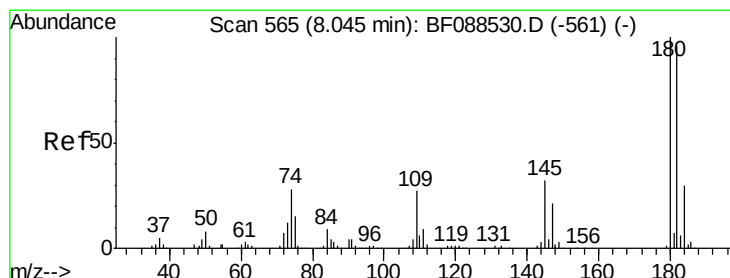
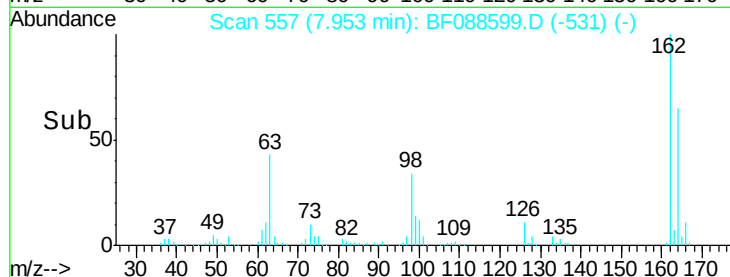
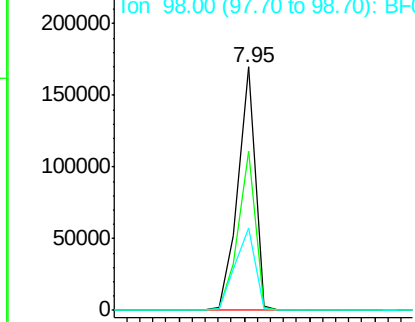
#29
2,4-Dichlorophenol
Concen: 24.52 ng
RT: 7.95 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.4	43.8	83.8
98	33.7	21.3	61.3

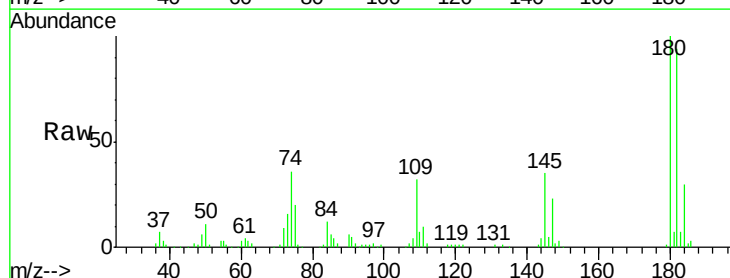


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

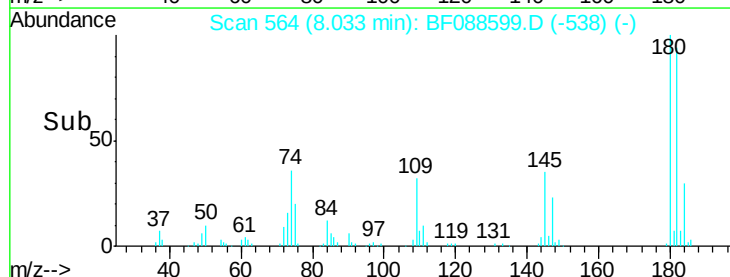
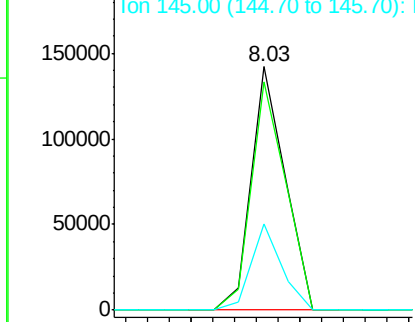


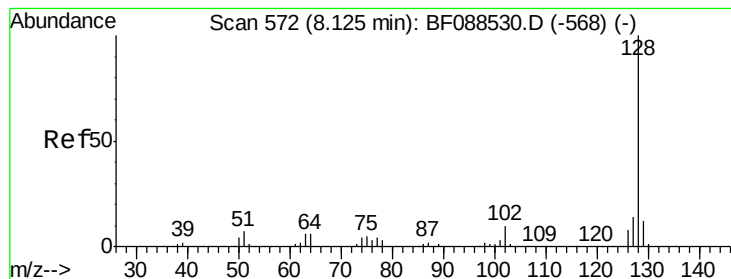
#30
1,2,4-Trichlorobenzene
Concen: 21.90 ng
RT: 8.03 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	76.0	114.0
145	35.3	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: 22.47 ng

RT: 8.11 min Scan# 571

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMSD

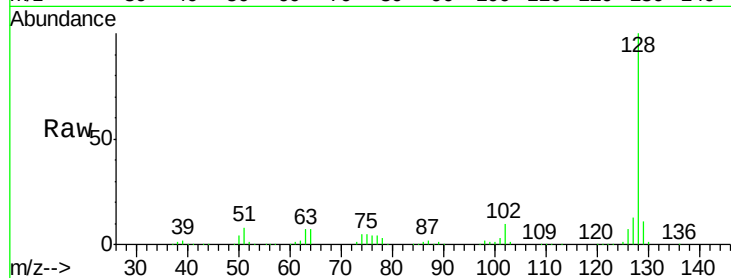
Tgt Ion:128 Resp: 533998

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.2

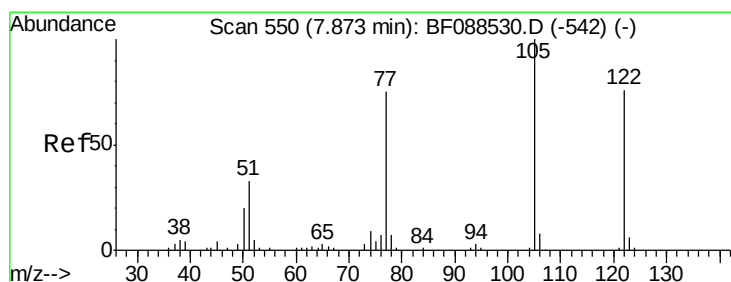
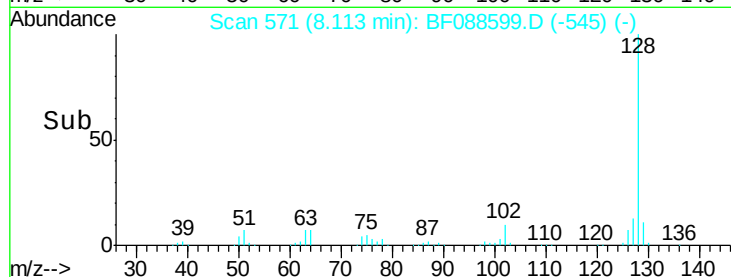
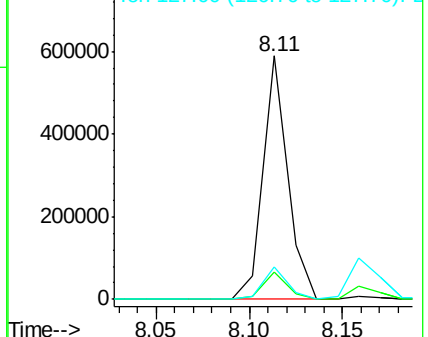
127 13.3 10.9 16.3



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: 6.80 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.03 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

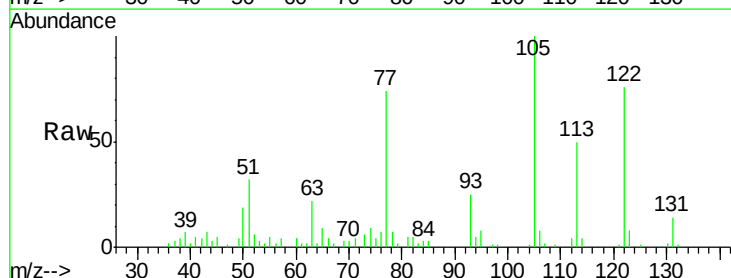
Tgt Ion:122 Resp: 39110

Ion Ratio Lower Upper

122 100

105 131.9 101.6 141.6

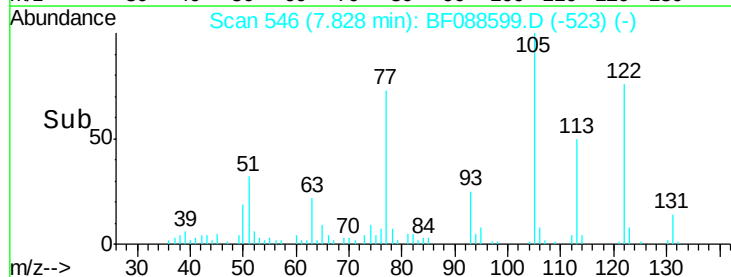
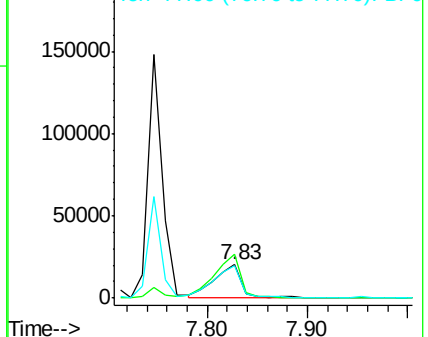
77 97.2 70.6 110.6

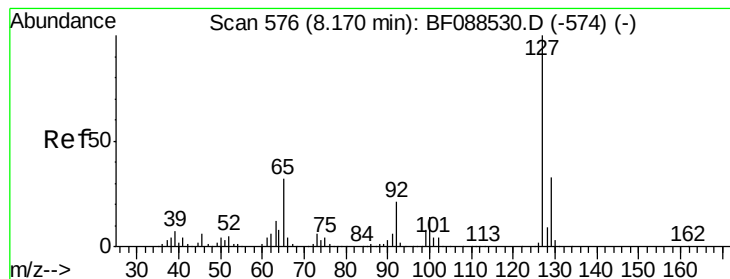


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 10.97 ng

RT: 8.16 min Scan# 575

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMSD

Tgt Ion:127 Resp: 115960

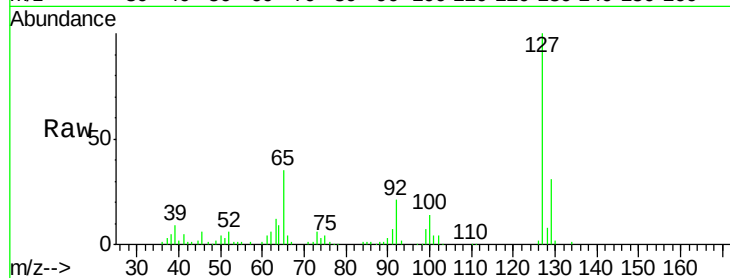
Ion Ratio Lower Upper

127 100

129 31.0 26.3 39.5

65 34.7 24.7 37.1

92 21.3 15.4 23.0

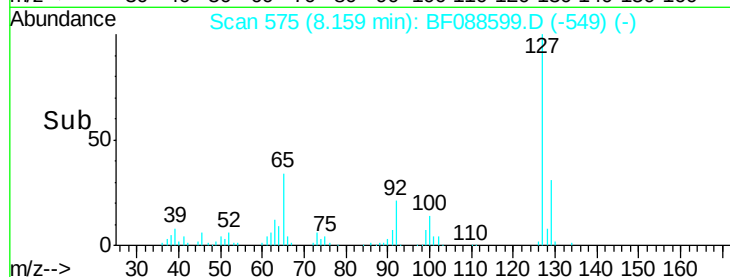


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

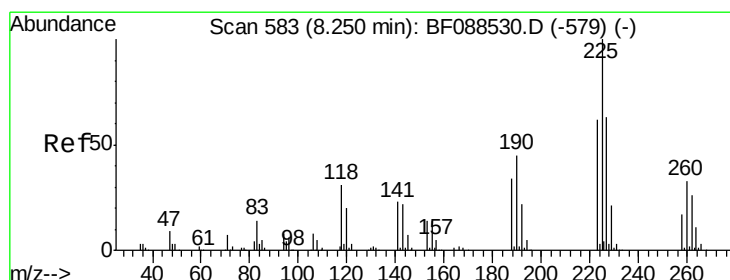
Ion 92.00 (91.70 to 92.70): BF0



Abundance

8.16

Time-->



#34

Hexachlorobutadiene

Concen: 22.27 ng

RT: 8.24 min Scan# 582

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

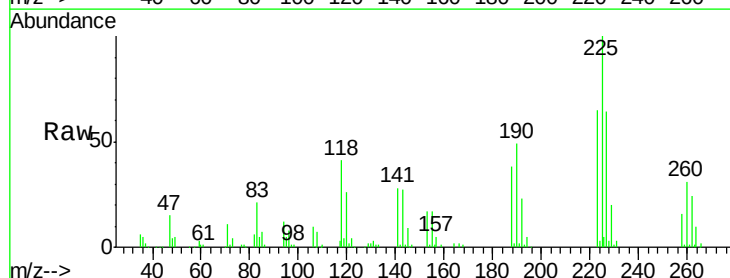
Tgt Ion:225 Resp: 83775

Ion Ratio Lower Upper

225 100

223 64.8 50.9 76.3

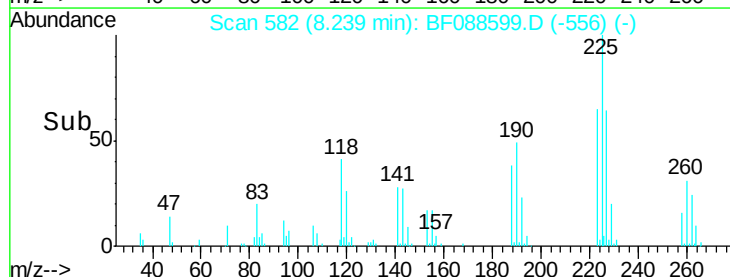
227 63.9 51.9 77.9



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

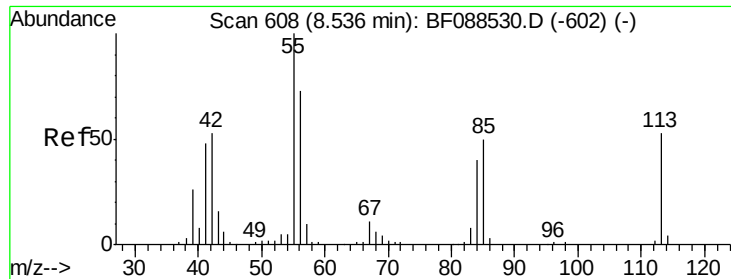
Ion 227.00 (226.70 to 227.70): E



Abundance

8.24

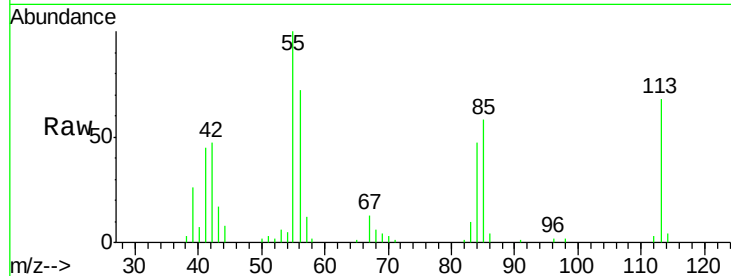
Time-->



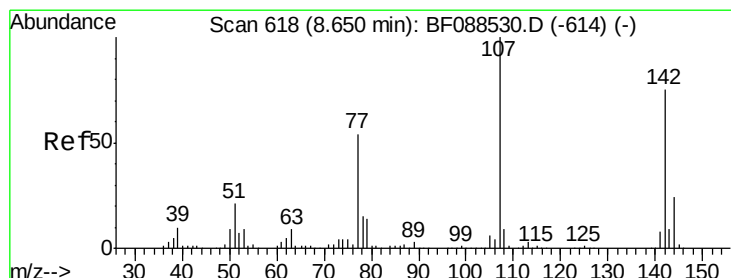
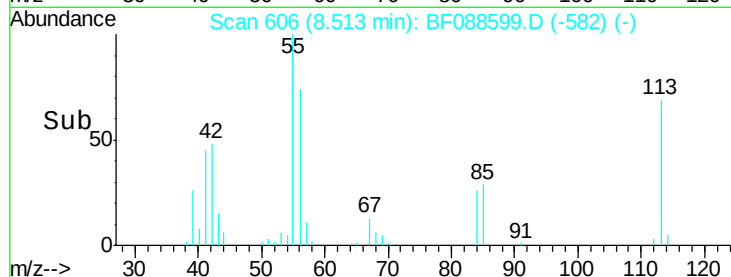
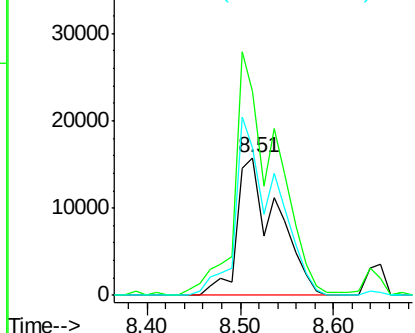
#35
 Caprolactam
 Concen: 21.88 ng
 RT: 8.51 min Scan# 606
 Delta R.T. -0.02 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPMSD

Tgt Ion:113 Resp: 47561
 Ion Ratio Lower Upper
 113 100
 55 147.9 158.6 198.6#
 56 107.1 110.6 150.6#

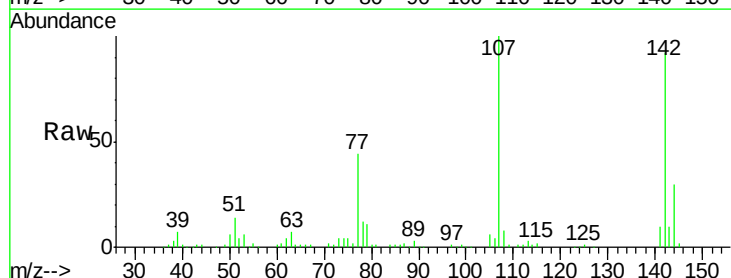


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

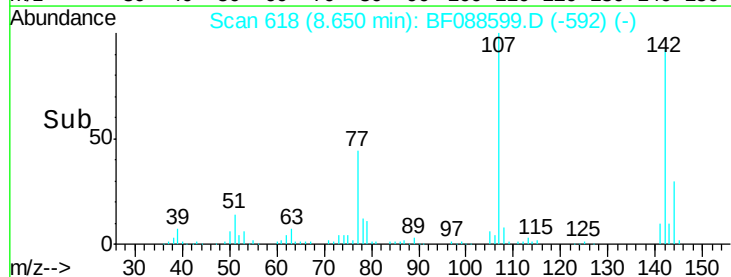
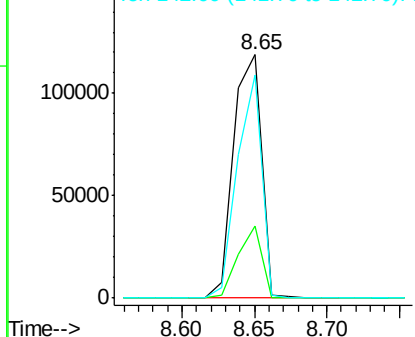


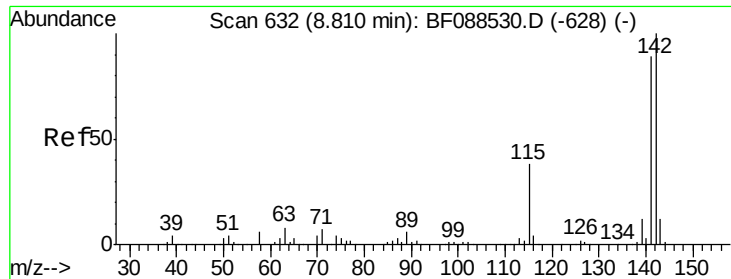
#36
 4-Chloro-3-methylphenol
 Concen: 21.00 ng
 RT: 8.65 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

Tgt Ion:107 Resp: 158951
 Ion Ratio Lower Upper
 107 100
 144 29.6 20.8 31.2
 142 91.7 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

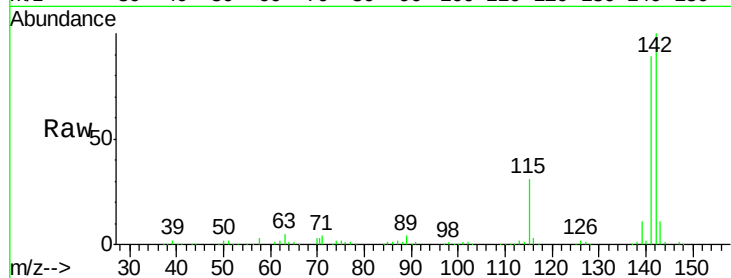




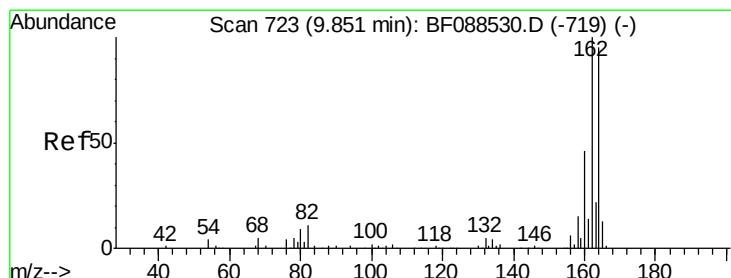
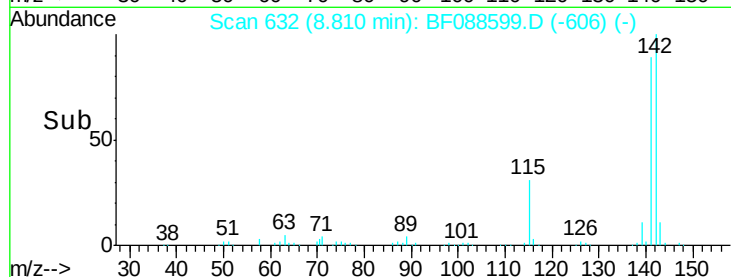
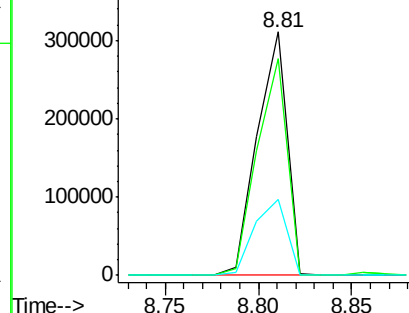
#37
 2-Methylnaphthalene
 Concen: 22.42 ng
 RT: 8.81 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPMSD

Tgt Ion:142 Resp: 343032
 Ion Ratio Lower Upper
 142 100
 141 89.2 71.0 106.6
 115 31.0 22.6 33.8

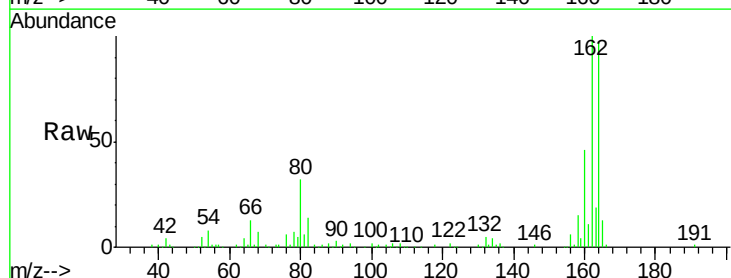


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

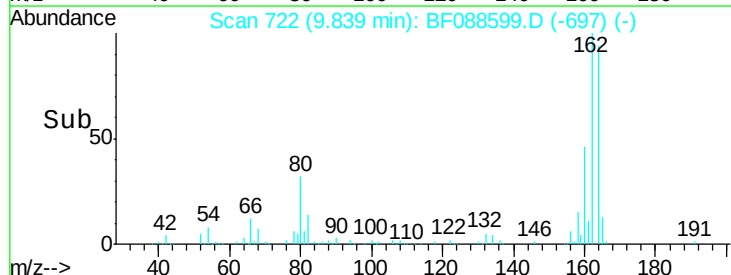
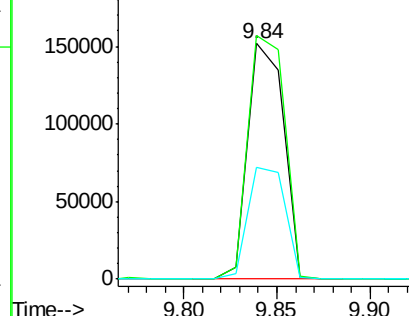


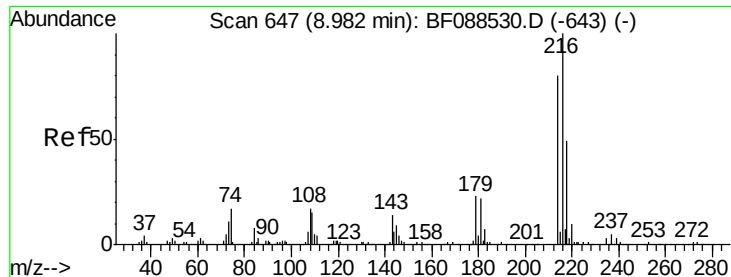
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

Tgt Ion:164 Resp: 202347
 Ion Ratio Lower Upper
 164 100
 162 103.5 85.4 128.2
 160 47.4 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 20.38 ng

RT: 8.97 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMSD

Tgt Ion:216 Resp: 137129

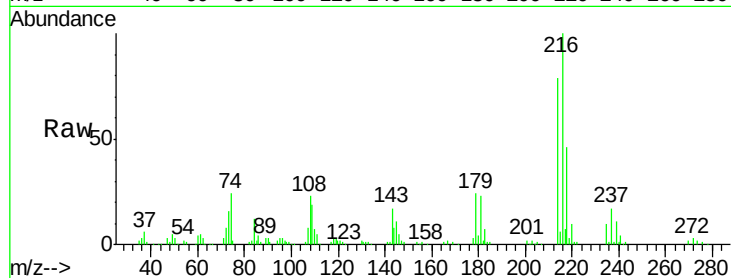
Ion Ratio Lower Upper

216 100

214 78.1 2.9 4.3#

179 22.7 0.0 0.0#

108 23.4 0.5 0.7#

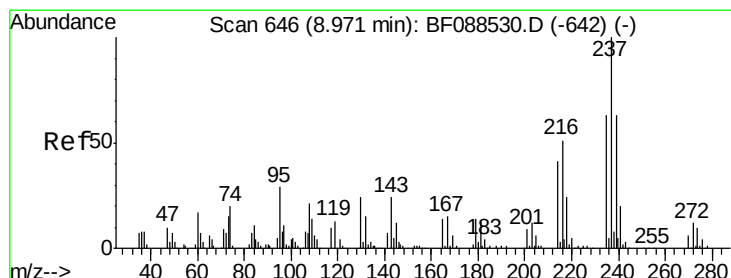
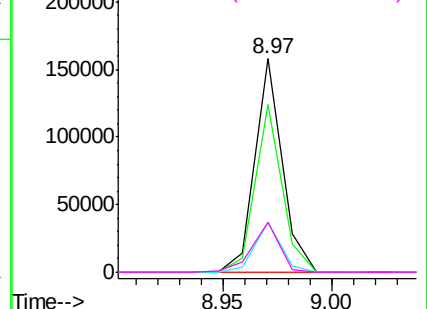
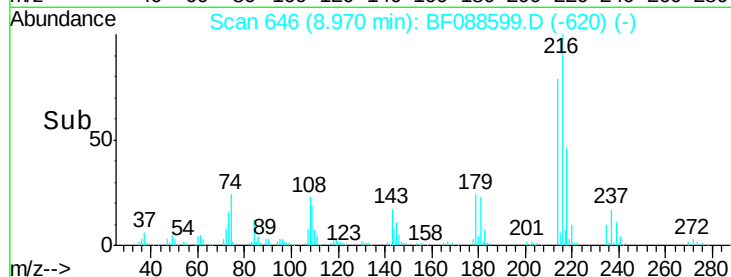


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 18.62 ng

RT: 8.96 min Scan# 645

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

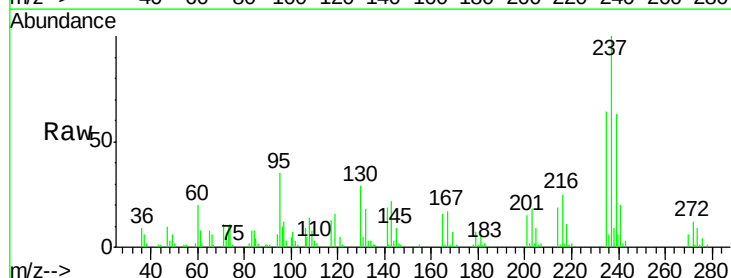
Tgt Ion:237 Resp: 61519

Ion Ratio Lower Upper

237 100

235 63.6 43.4 83.4

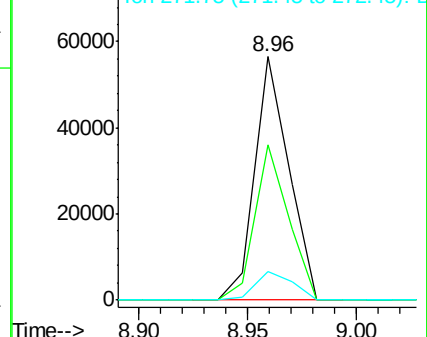
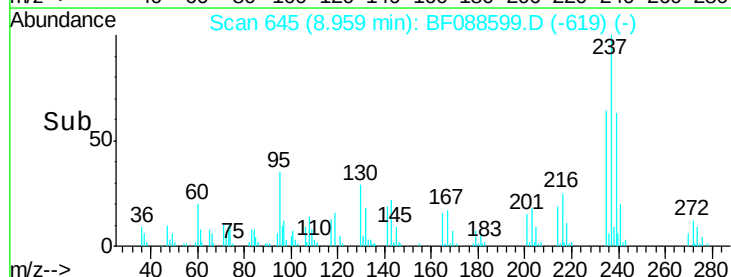
272 11.5 0.0 32.3

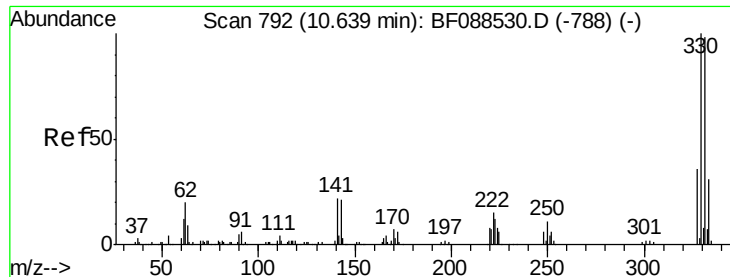


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

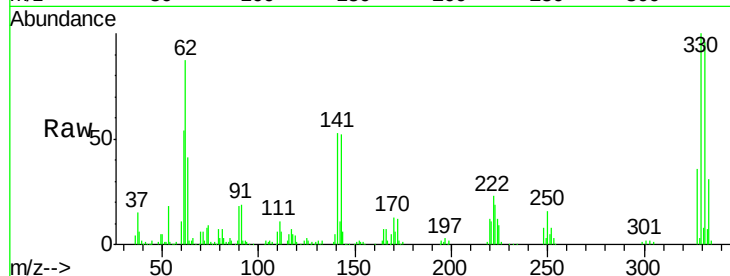




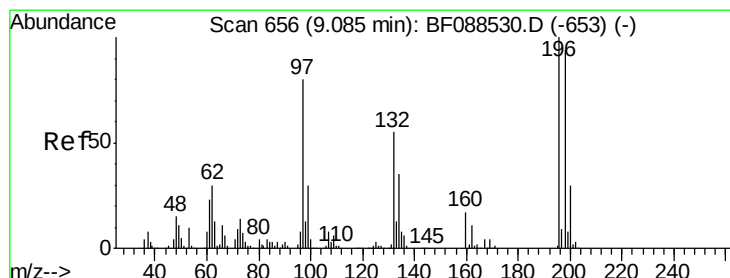
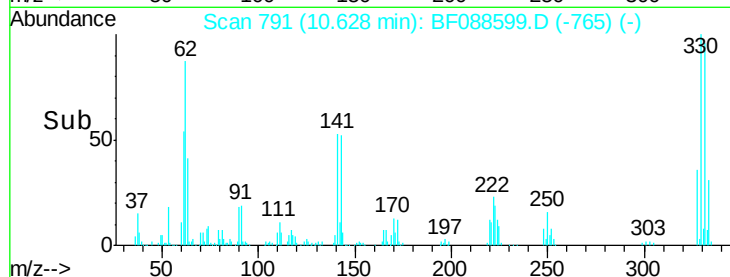
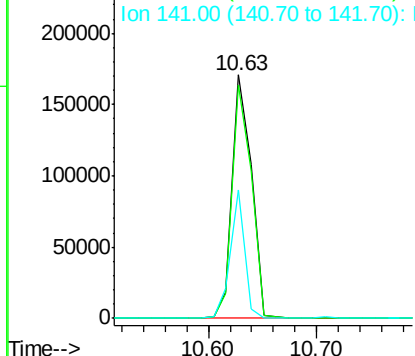
#41
 2,4,6-Tribromophenol
 Concen: 110.10 ng
 RT: 10.63 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPMSD

Tgt Ion:330 Resp: 206874
 Ion Ratio Lower Upper
 330 100
 332 95.9 0.0 0.0#
 141 39.7 0.0 0.0#

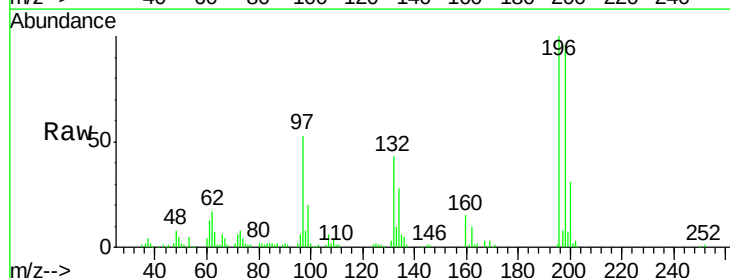


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

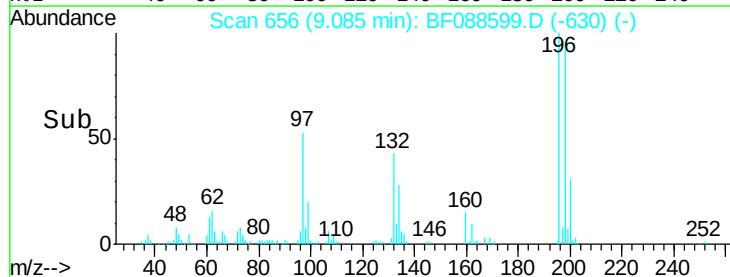
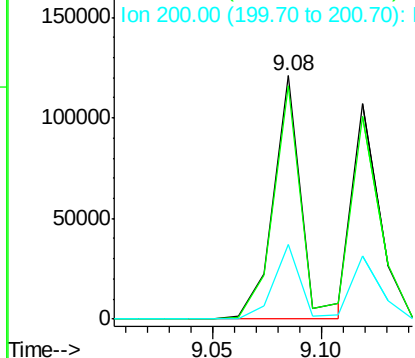


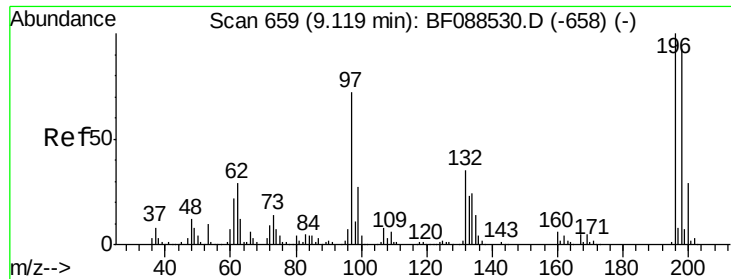
#42
 2,4,6-Trichlorophenol
 Concen: 24.38 ng
 RT: 9.08 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

Tgt Ion:196 Resp: 108197
 Ion Ratio Lower Upper
 196 100
 198 95.6 78.0 117.0
 200 30.6 25.4 38.2



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

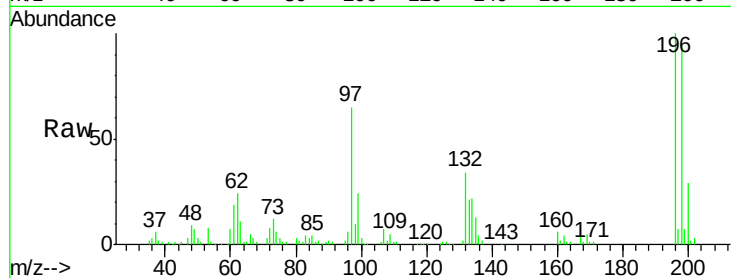




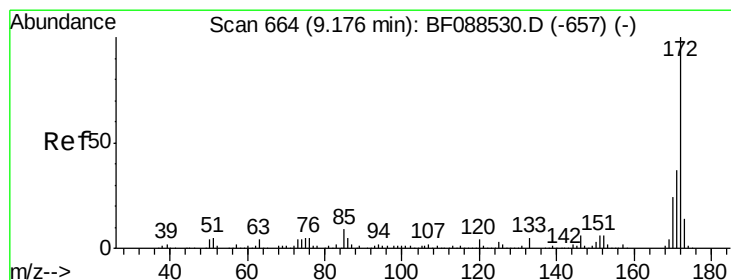
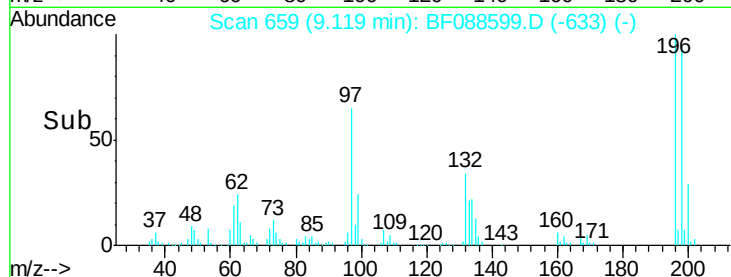
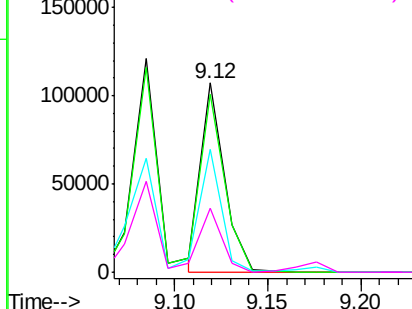
#43
 2,4,5-Trichlorophenol
 Concen: 24.37 ng
 RT: 9.12 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPMSD

Tgt Ion:196 Resp: 93031
 Ion Ratio Lower Upper
 196 100
 198 93.9 77.5 116.3
 97 64.7 32.0 48.0#
 132 33.6 20.9 31.3#

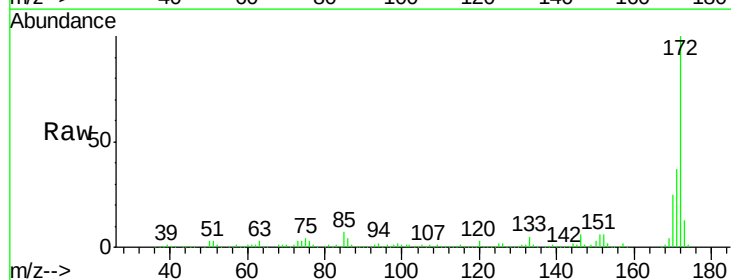


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

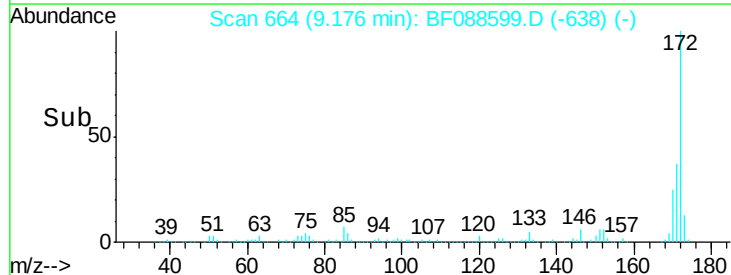
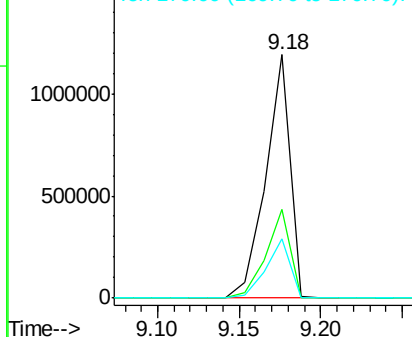


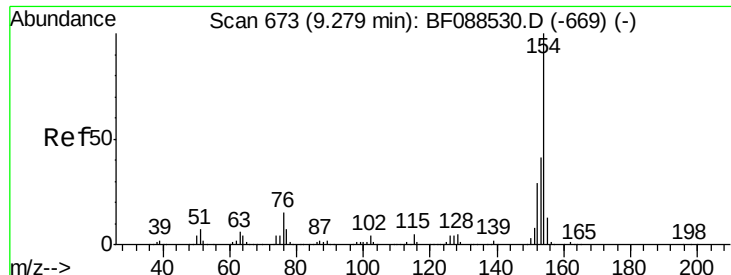
#44
 2-Fluorobiphenyl
 Concen: 96.28 ng
 RT: 9.18 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

Tgt Ion:172 Resp: 1233322
 Ion Ratio Lower Upper
 172 100
 171 36.5 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

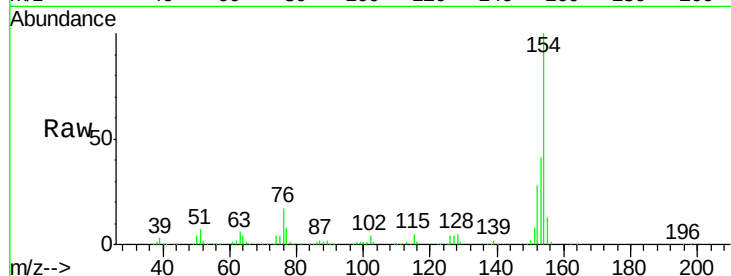




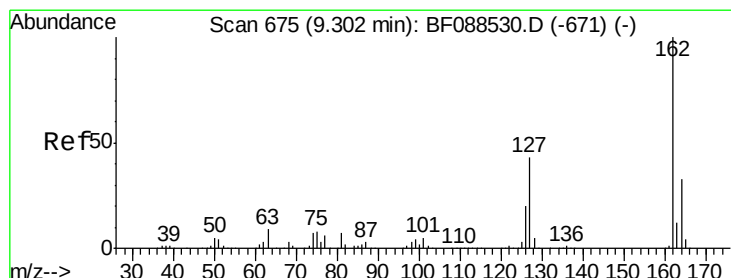
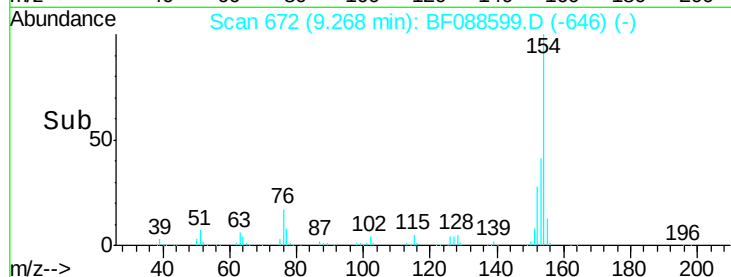
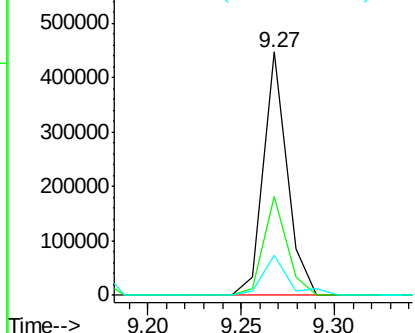
#45
 1,1'-Biphenyl
 Concen: 23.13 ng
 RT: 9.27 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPMSD

Tgt Ion:	154	Resp:	387529
Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.6	60.6
76	16.6	0.0	35.1

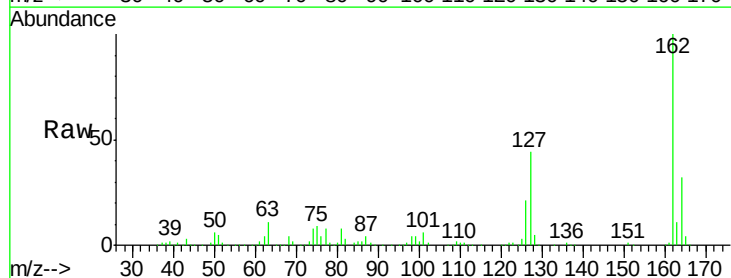


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

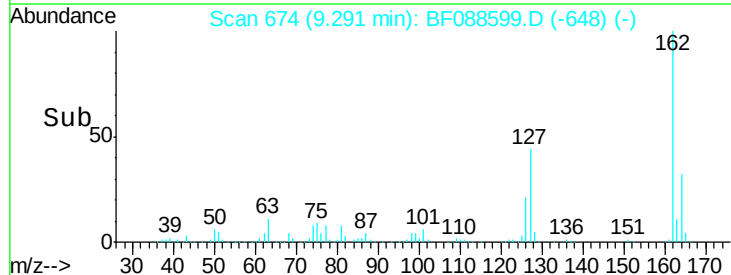
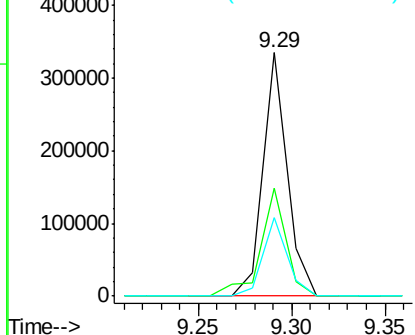


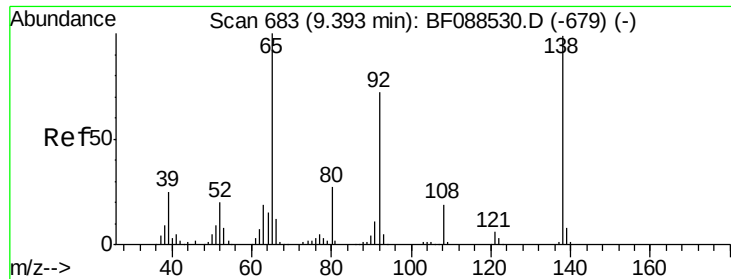
#46
 2-Chloronaphthalene
 Concen: 22.60 ng
 RT: 9.29 min Scan# 674
 Delta R.T. 0.00 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

Tgt Ion:	162	Resp:	297321
Ion	Ratio	Lower	Upper
162	100		
127	44.4	35.2	52.8
164	32.2	26.6	39.8



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

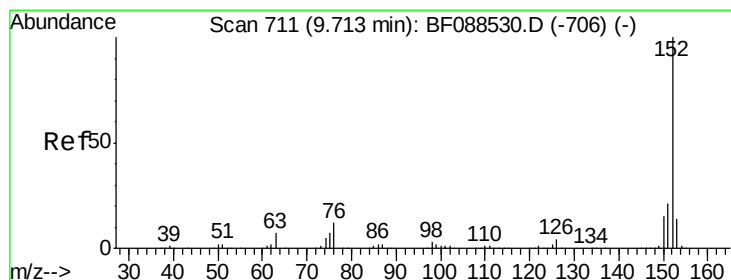
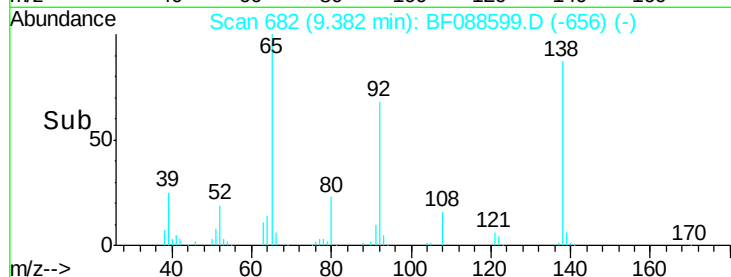
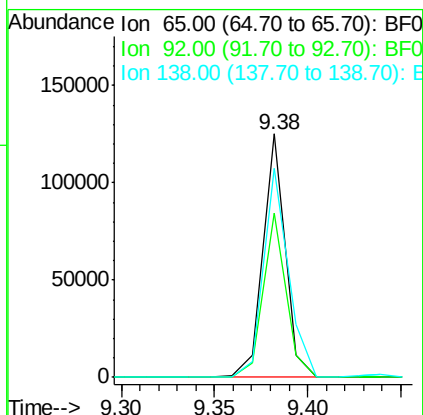
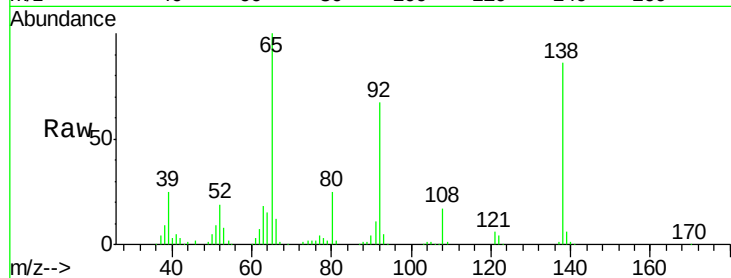




#47
2-Nitroaniline
Concen: 21.96 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

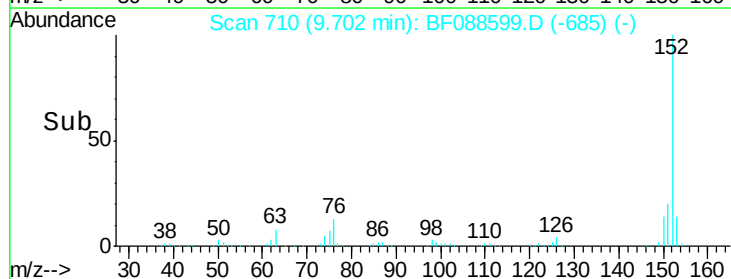
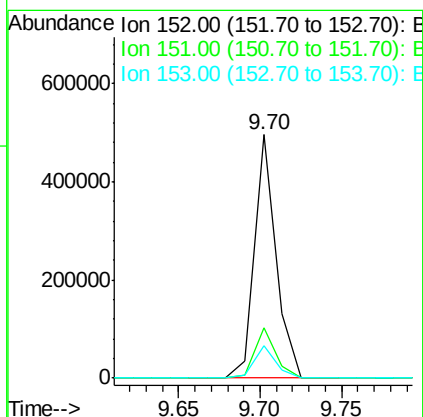
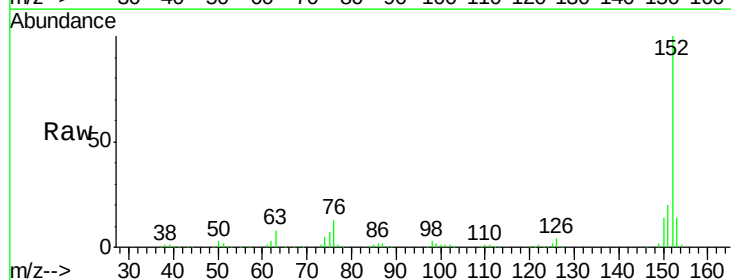
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD

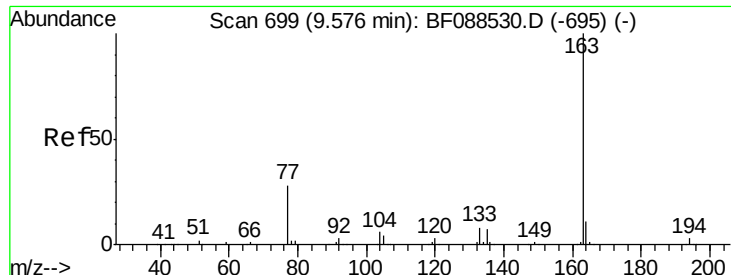
Tgt Ion: 65 Resp: 102531
Ion Ratio Lower Upper
65 100
92 67.5 54.6 82.0
138 86.0 77.0 115.4



#48
Acenaphthylene
Concen: 21.82 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Tgt Ion: 152 Resp: 456747
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.6 11.0 16.6





#49

Dimethylphthalate

Concen: 42.94 ng

RT: 9.58 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMSD

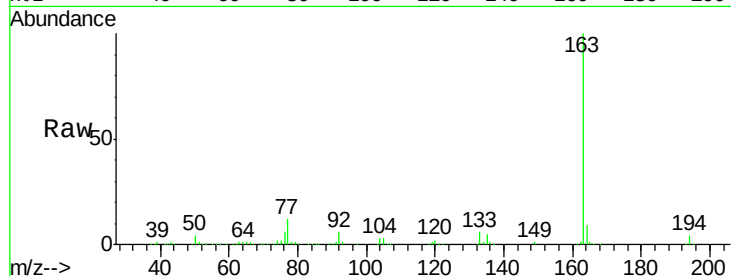
Tgt Ion:163 Resp: 618968

Ion Ratio Lower Upper

163 100

194 4.0 2.8 4.2

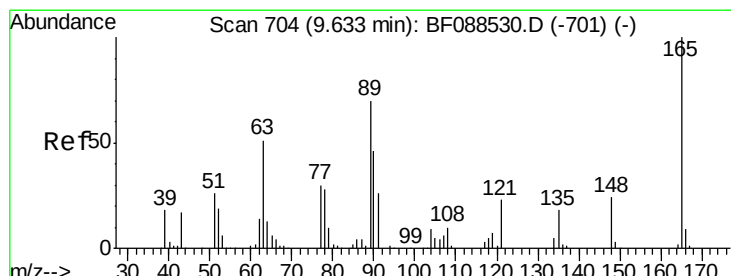
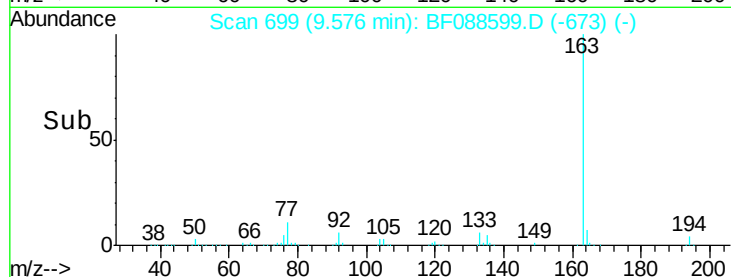
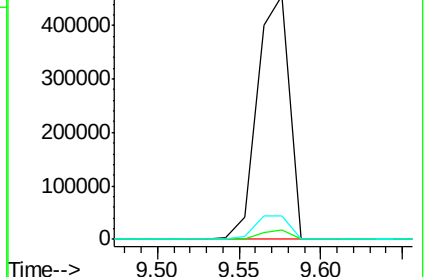
164 9.5 8.3 12.5



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: 23.71 ng

RT: 9.63 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

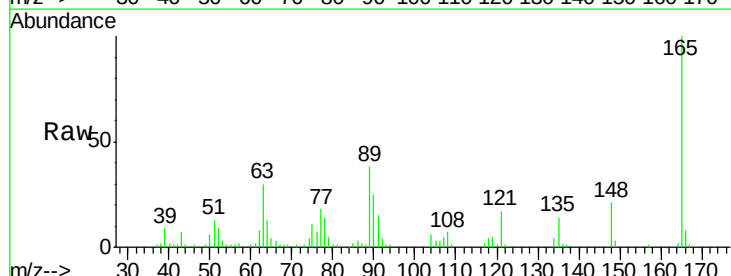
Tgt Ion:165 Resp: 75768

Ion Ratio Lower Upper

165 100

63 30.2 28.1 42.1

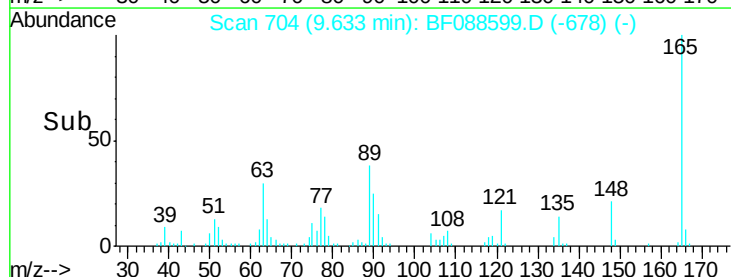
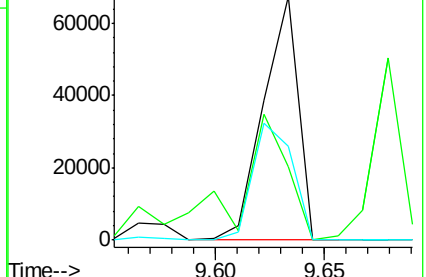
89 38.3 32.2 48.2

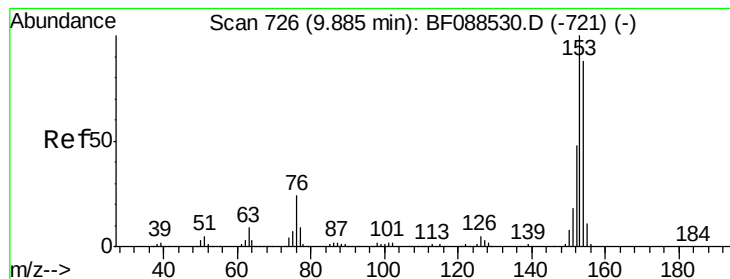


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 21.04 ng

RT: 9.87 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMSD

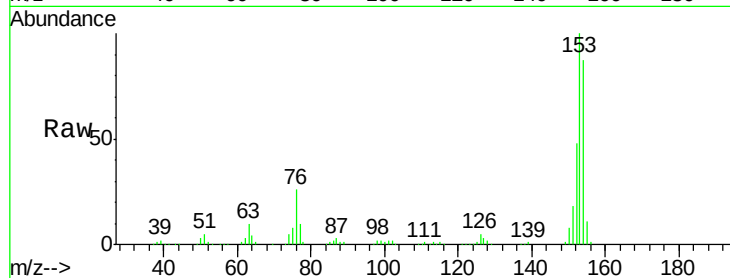
Tgt Ion:154 Resp: 269923

Ion Ratio Lower Upper

154 100

153 114.5 89.5 134.3

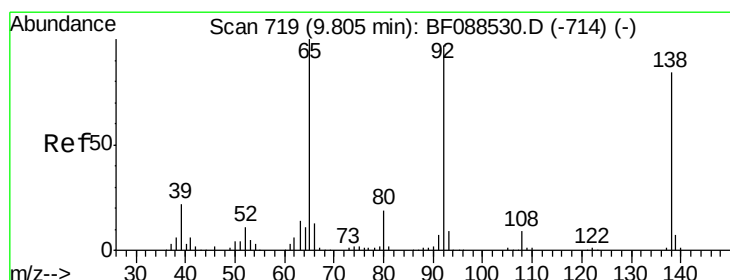
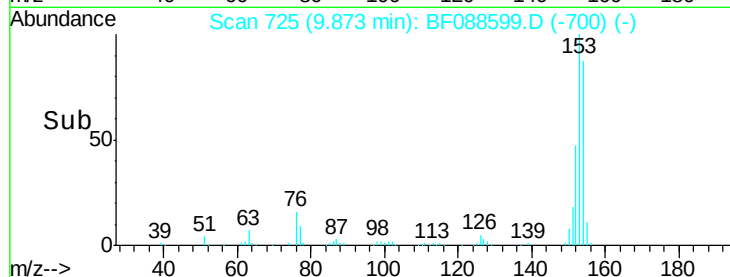
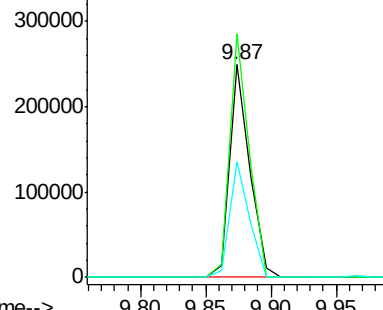
152 54.5 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.57 ng

RT: 9.79 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

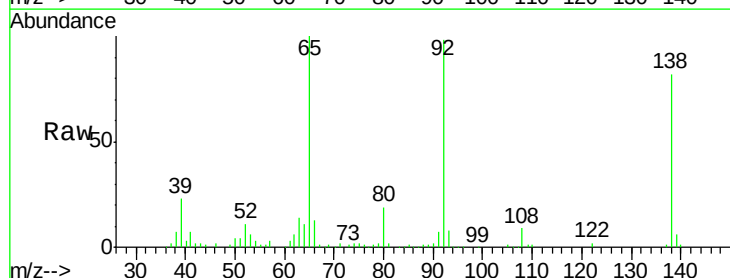
Tgt Ion:138 Resp: 87617

Ion Ratio Lower Upper

138 100

108 11.0 8.5 12.7

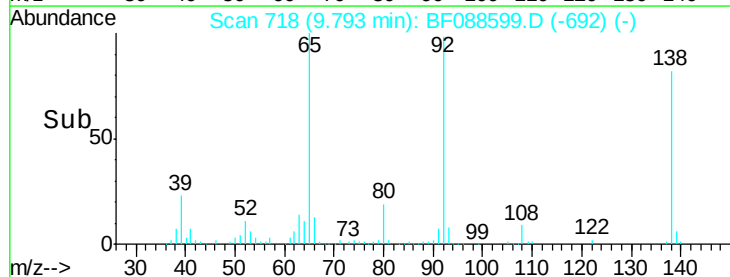
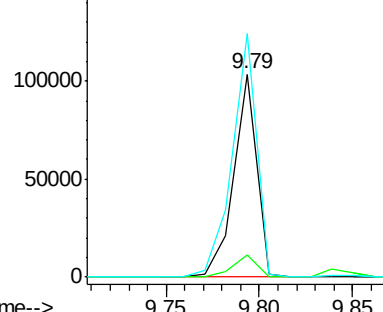
92 120.1 95.7 143.5

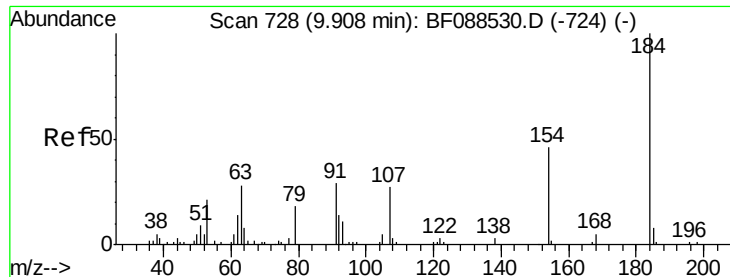


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

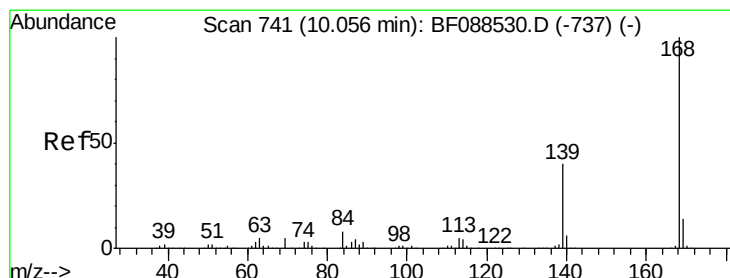
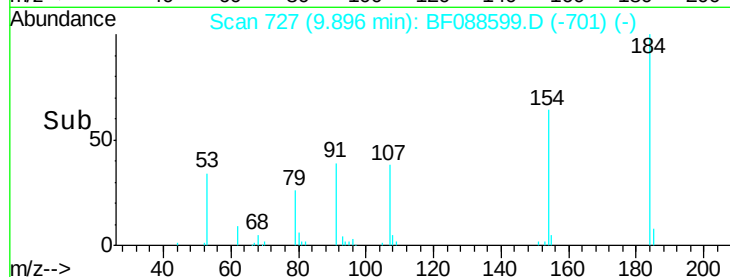
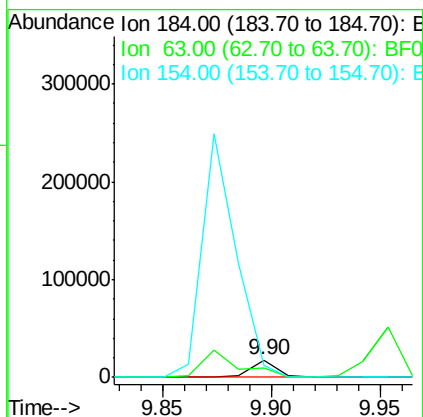
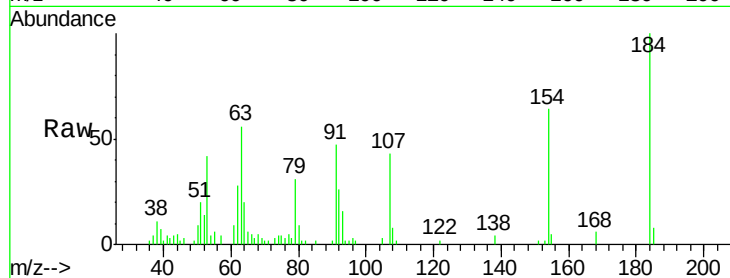




#53
2,4-Dinitrophenol
Concen: 10.37 ng
RT: 9.90 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

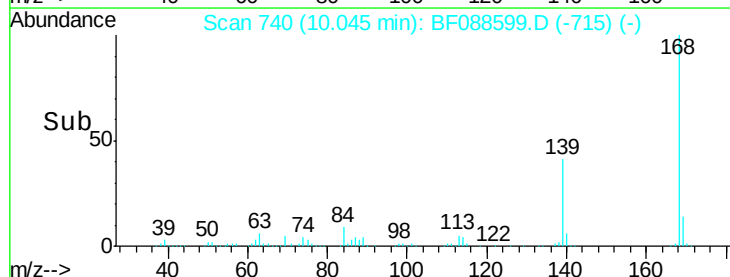
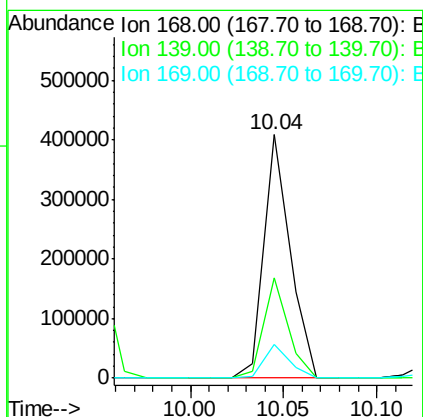
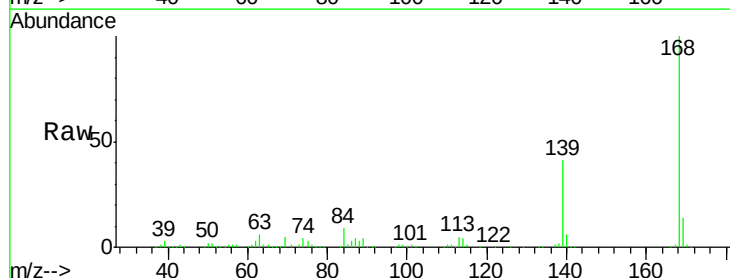
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD

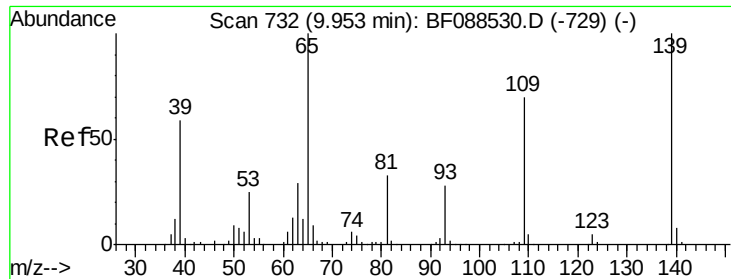
Tgt Ion:184 Resp: 14623
Ion Ratio Lower Upper
184 100
63 56.4 57.6 86.4#
154 64.1 53.5 80.3



#54
Dibenzofuran
Concen: 23.62 ng
RT: 10.04 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Tgt Ion:168 Resp: 396675
Ion Ratio Lower Upper
168 100
139 41.3 26.4 39.6#
169 14.1 10.4 15.6

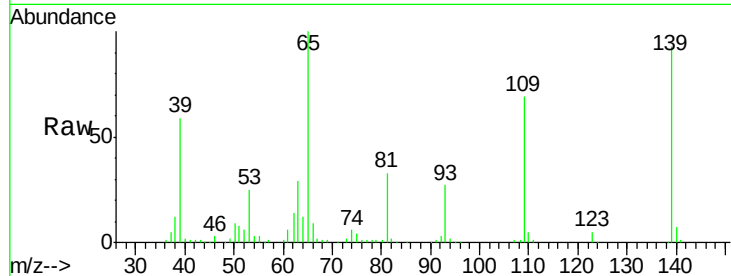




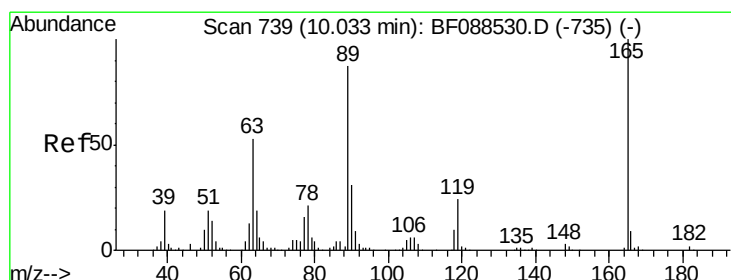
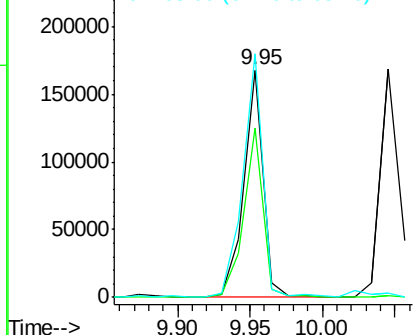
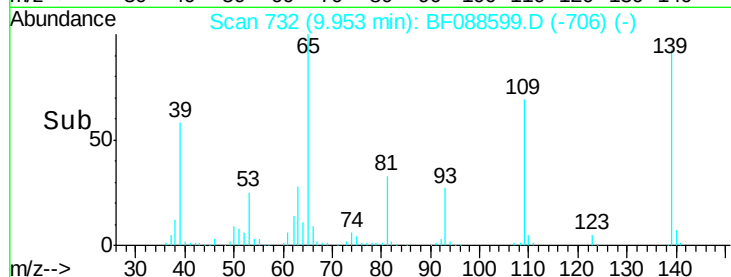
#55
4-Nitrophenol
Concen: 50.59 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD

Tgt Ion:139 Resp: 156151
Ion Ratio Lower Upper
139 100
109 74.2 48.9 88.9
65 107.0 84.9 124.9

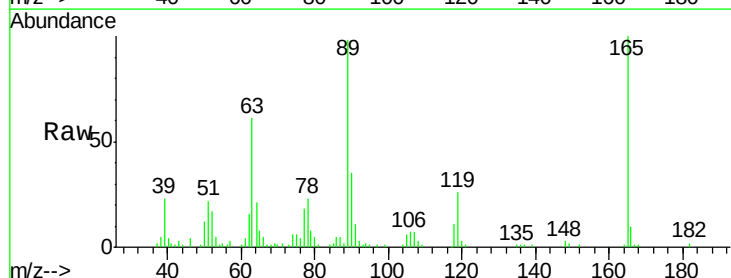


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

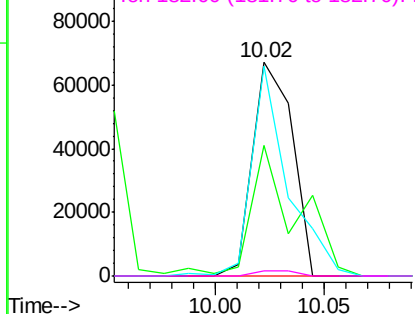
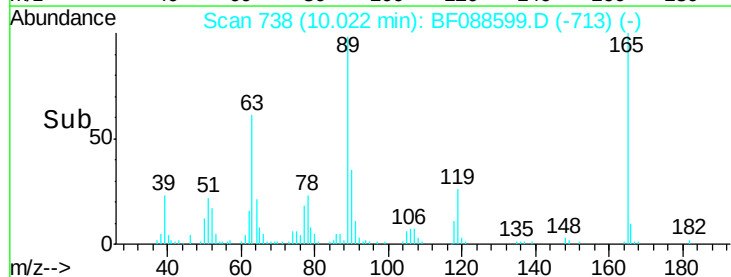


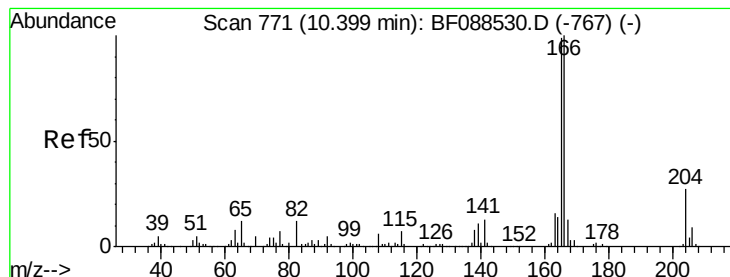
#56
2,4-Dinitrotoluene
Concen: 20.50 ng
RT: 10.02 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Tgt Ion:165 Resp: 85656
Ion Ratio Lower Upper
165 100
63 61.0 22.0 33.0#
89 98.5 41.1 61.7#
182 2.4 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: 22.22 ng

RT: 10.39 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMSD

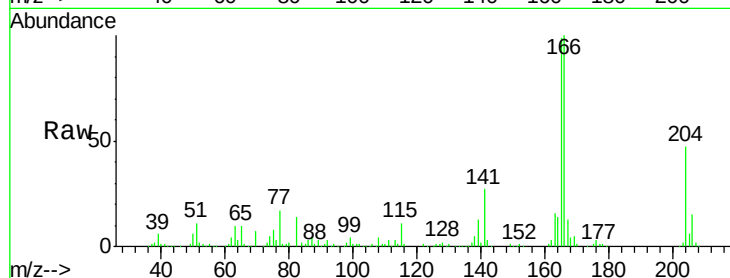
Tgt Ion:166 Resp: 287534

Ion Ratio Lower Upper

166 100

165 98.9 77.8 116.8

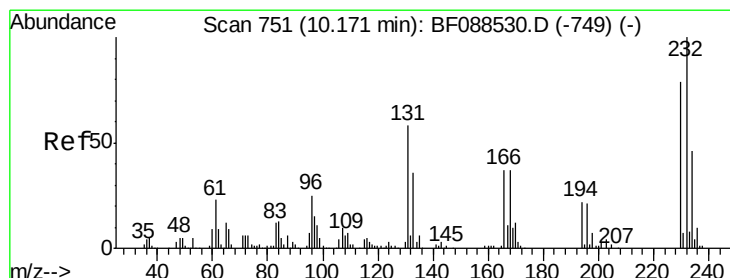
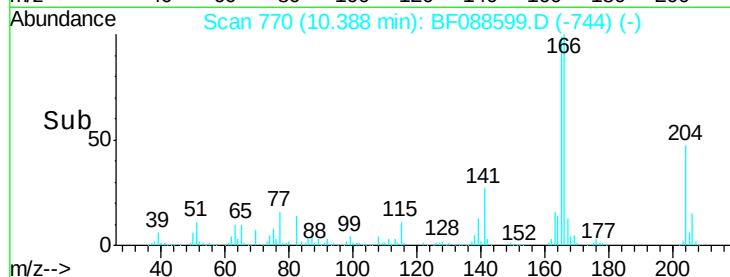
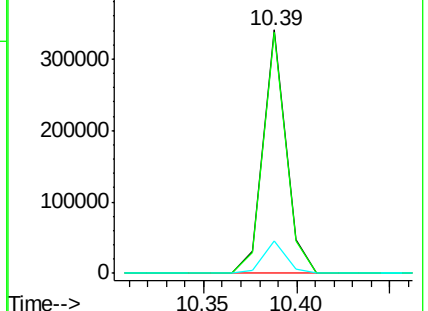
167 13.4 11.2 16.8



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: 22.58 ng

RT: 10.17 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Tgt Ion:232 Resp: 66711

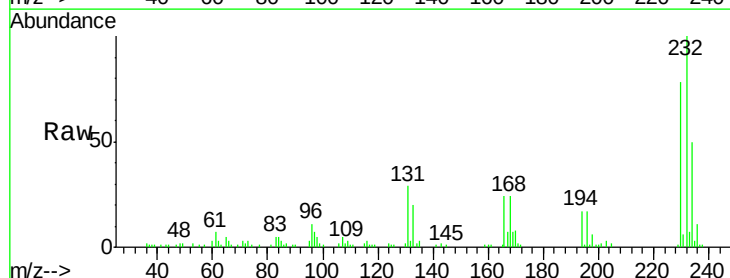
Ion Ratio Lower Upper

232 100

131 51.0 0.9 1.3#

130 2.7 1.5 2.3#

166 33.1 0.5 0.7#

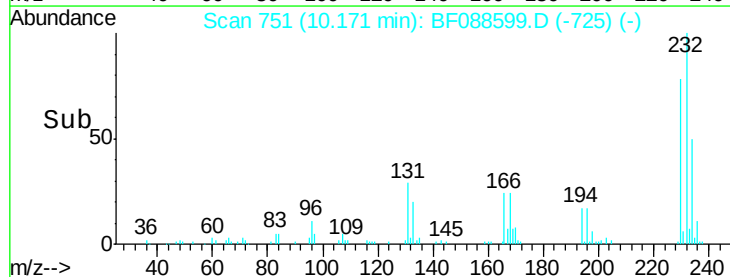
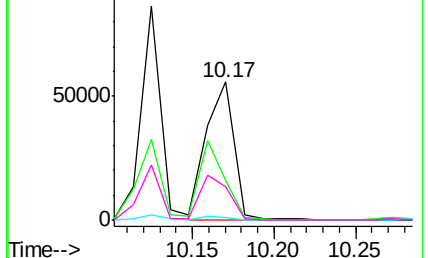


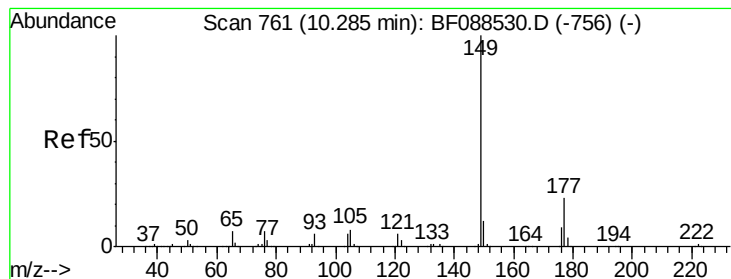
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 25.74 ng

RT: 10.27 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMSD

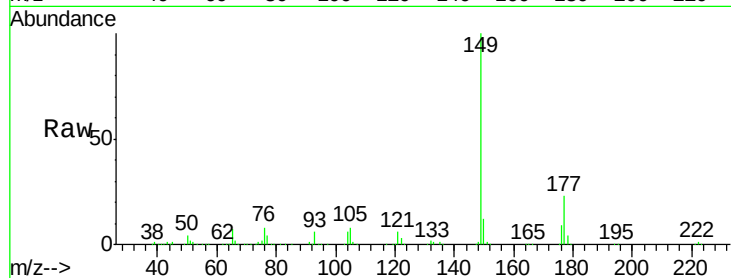
Tgt Ion:149 Resp: 372326

Ion Ratio Lower Upper

149 100

177 22.8 16.9 25.3

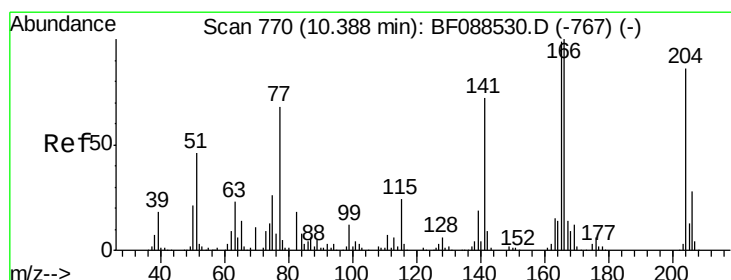
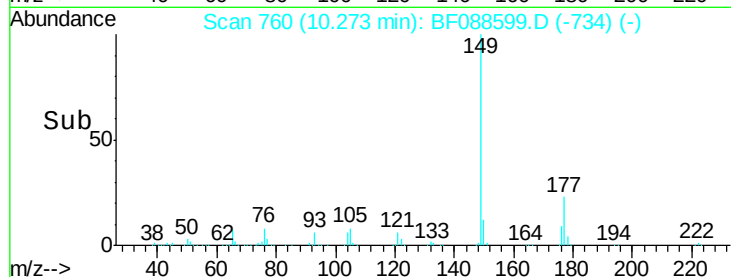
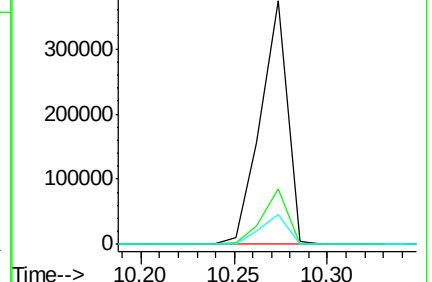
150 12.1 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 23.40 ng

RT: 10.39 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

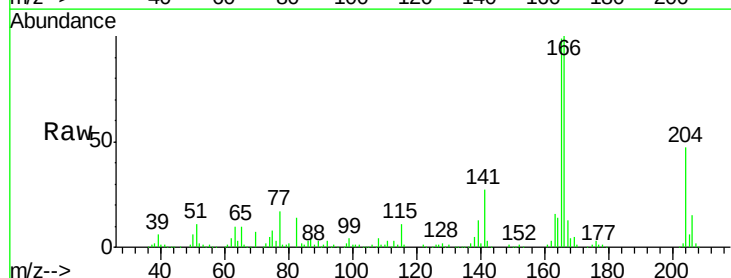
Tgt Ion:204 Resp: 140725

Ion Ratio Lower Upper

204 100

206 32.7 26.3 39.5

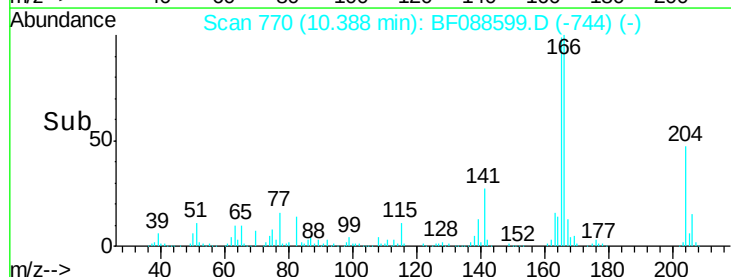
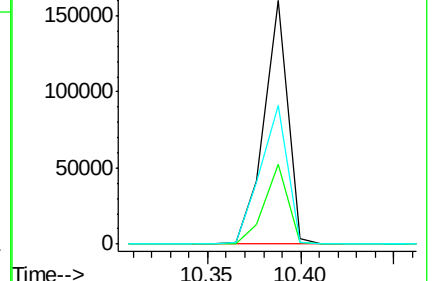
141 56.9 55.0 82.6

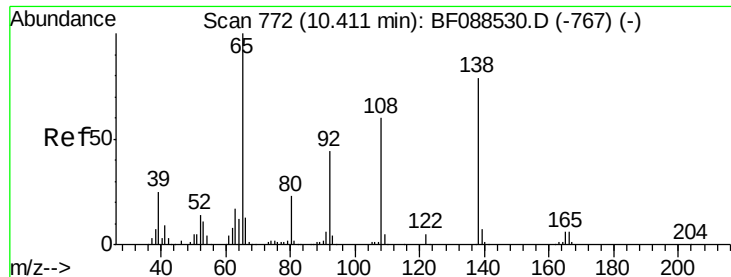


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

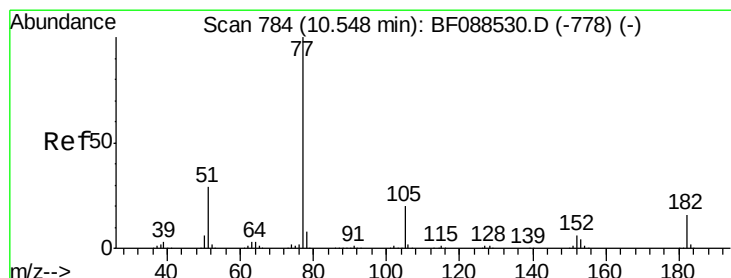
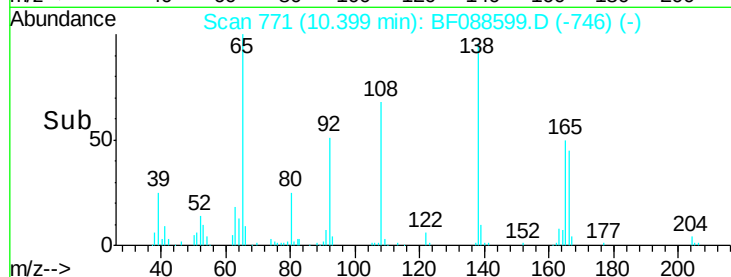
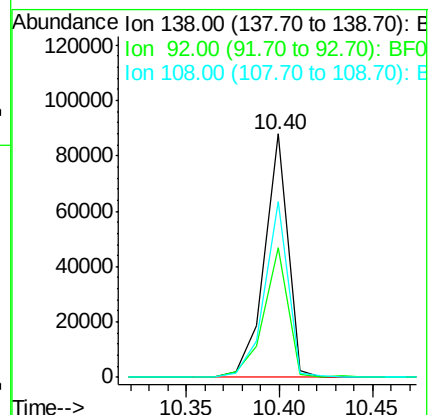
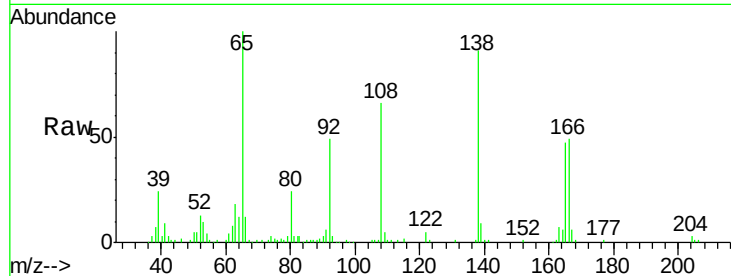




#61
4-Nitroaniline
Concen: 19.47 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

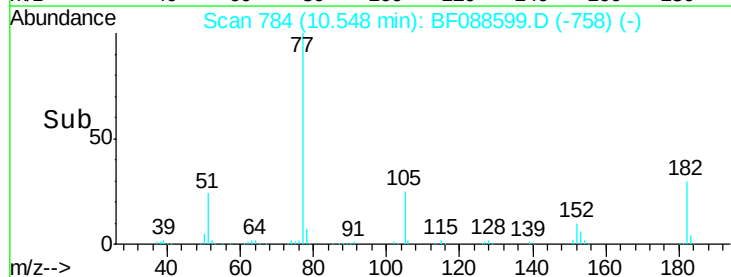
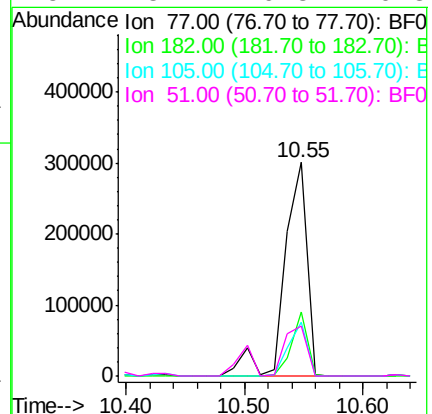
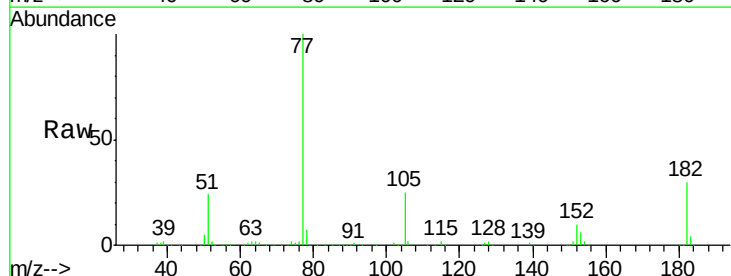
Instrument :
BNA_F
ClientSampleId :
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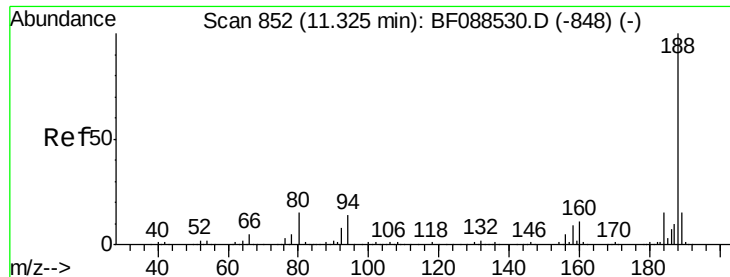
Tgt Ion:138 Resp: 76079
Ion Ratio Lower Upper
138 100
92 53.4 27.3 67.3
108 72.1 46.7 86.7



#62
Azobenzene
Concen: 23.68 ng
RT: 10.55 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Tgt Ion: 77 Resp: 390758
Ion Ratio Lower Upper
77 100
182 30.1 4.4 44.4
105 25.0 3.8 43.8
51 23.7 9.3 49.3

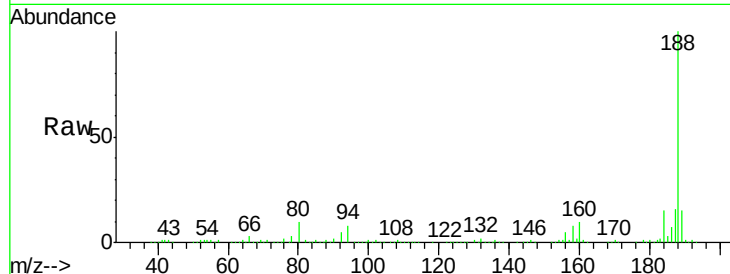




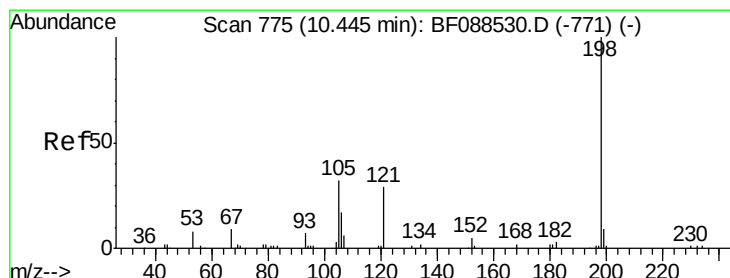
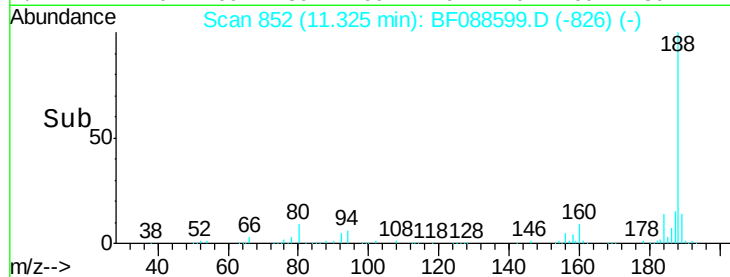
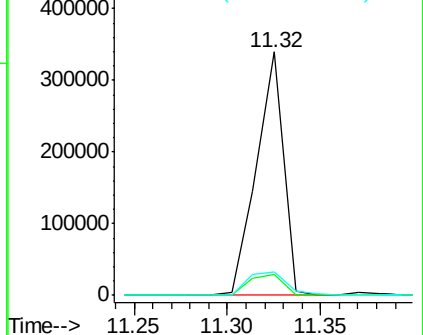
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD

Tgt Ion:188 Resp: 339503
Ion Ratio Lower Upper
188 100
94 8.4 9.0 13.6#
80 9.7 10.0 15.0#

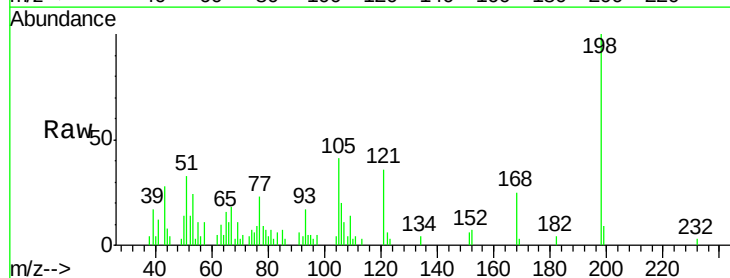


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

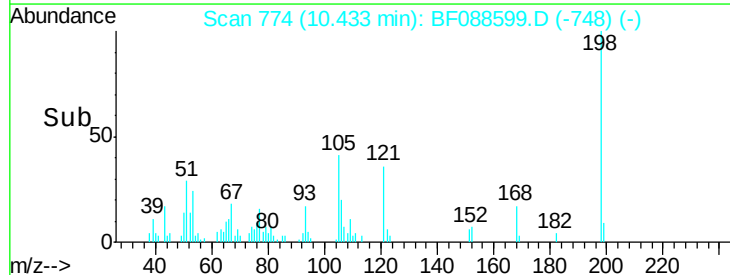
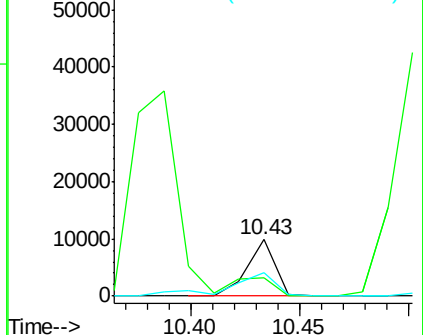


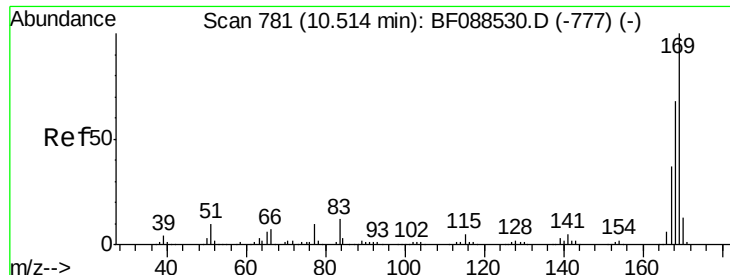
#64
4,6-Dinitro-2-methylphenol
Concen: 4.79 ng
RT: 10.43 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Tgt Ion:198 Resp: 8698
Ion Ratio Lower Upper
198 100
51 32.7 39.6 79.6#
105 40.6 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

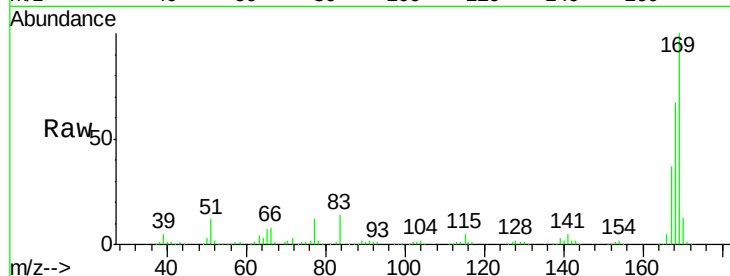




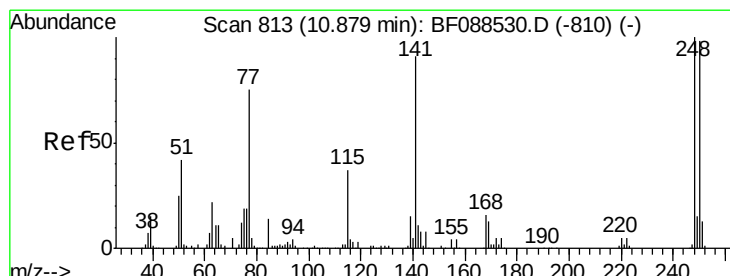
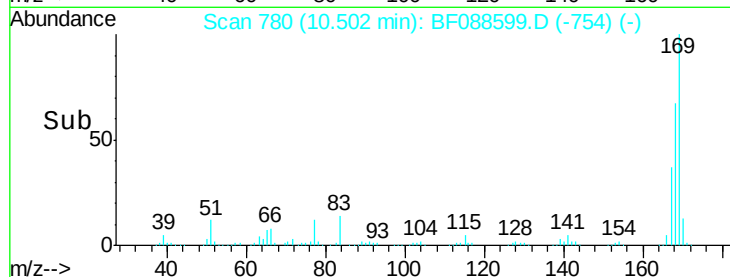
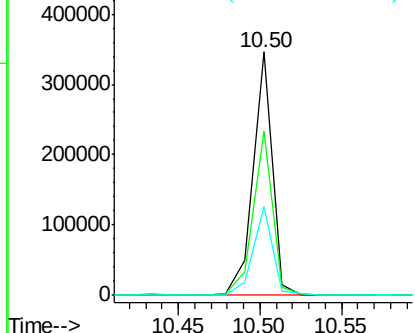
#65
n-Nitrosodiphenylamine
Concen: 24.84 ng
RT: 10.50 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:169 Resp: 285433
Ion Ratio Lower Upper
169 100
168 67.3 53.4 80.0
167 36.7 29.4 44.0

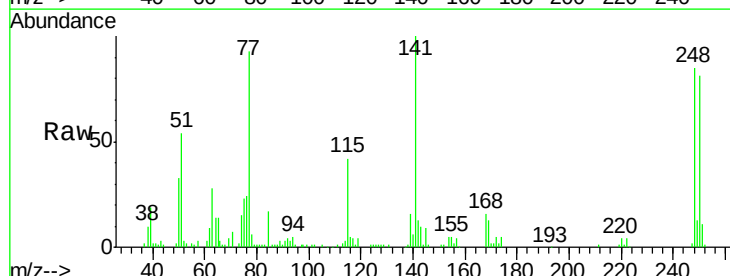


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

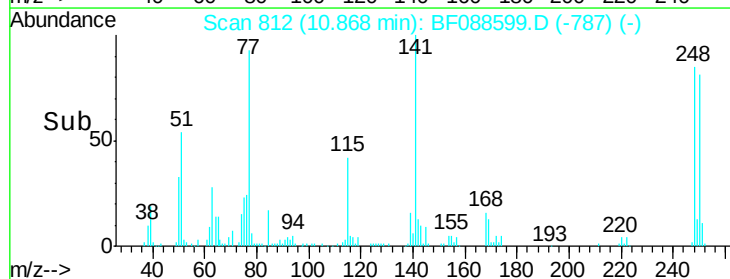
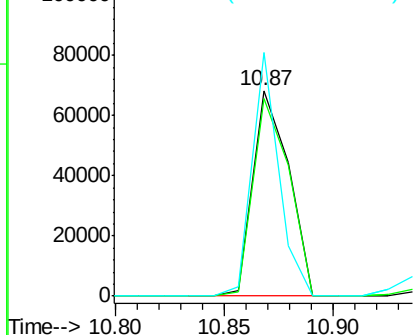


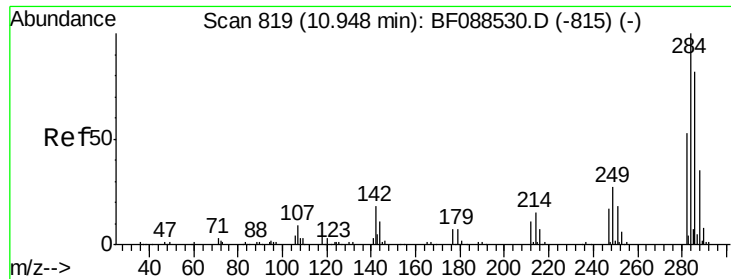
#66
4-Bromophenyl-phenylether
Concen: 22.96 ng
RT: 10.87 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Tgt Ion:248 Resp: 78553
Ion Ratio Lower Upper
248 100
250 95.7 77.1 115.7
141 118.3 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

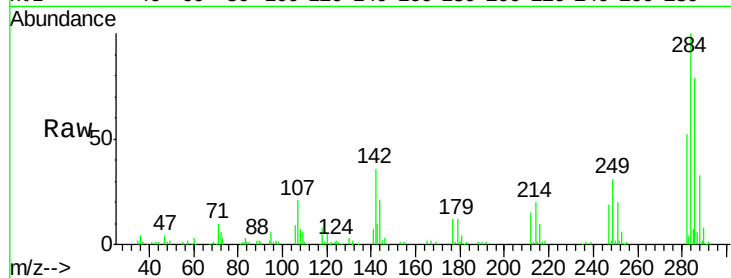




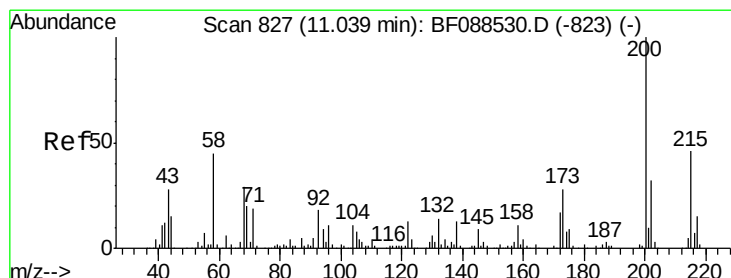
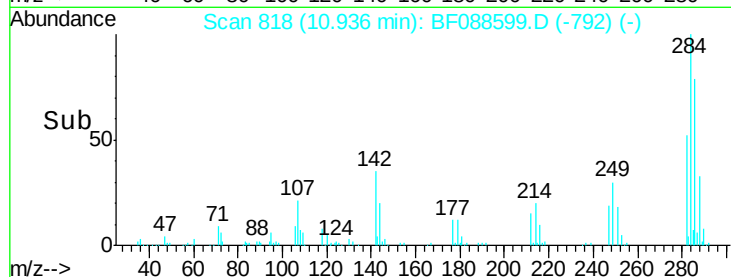
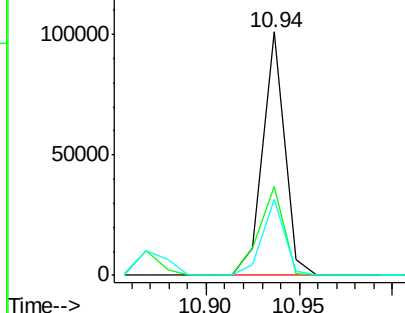
#67
Hexachlorobenzene
Concen: 21.65 ng
RT: 10.94 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD

Tgt Ion: 284 Resp: 81992
Ion Ratio Lower Upper
284 100
142 36.2 35.8 53.8
249 31.0 25.8 38.6

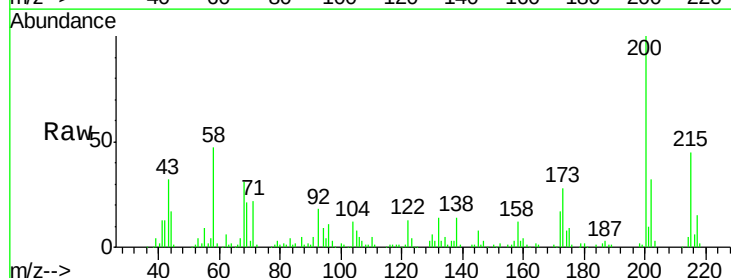


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

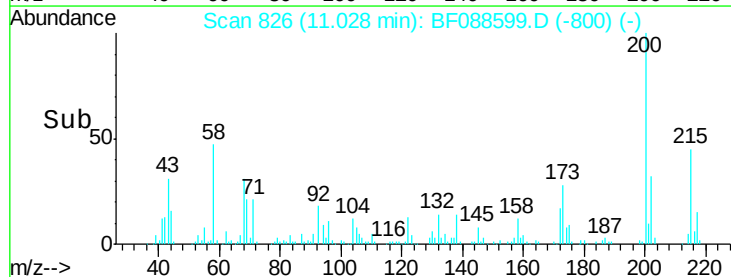
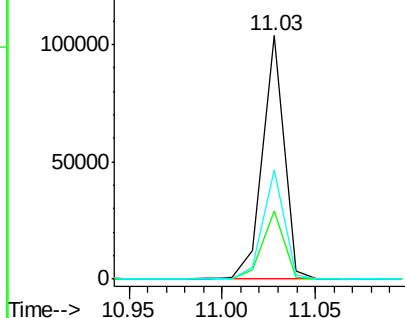


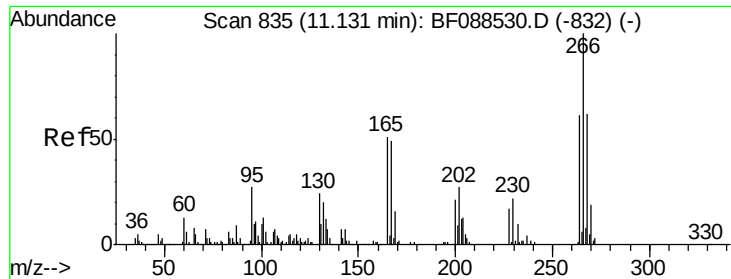
#68
Atrazine
Concen: 22.98 ng
RT: 11.03 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Tgt Ion: 200 Resp: 82284
Ion Ratio Lower Upper
200 100
173 28.1 4.0 44.0
215 44.9 29.3 69.3



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

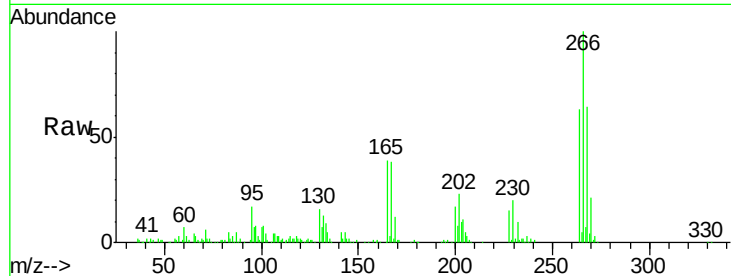




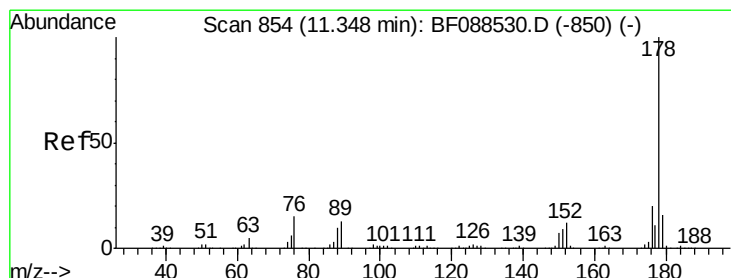
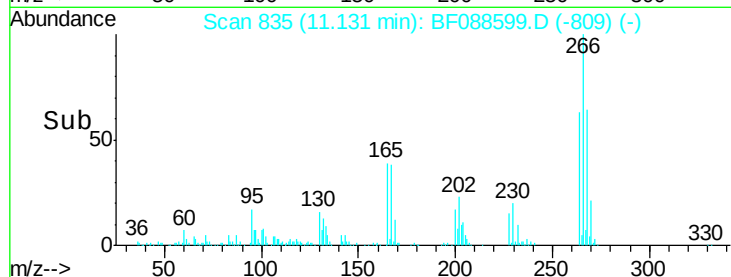
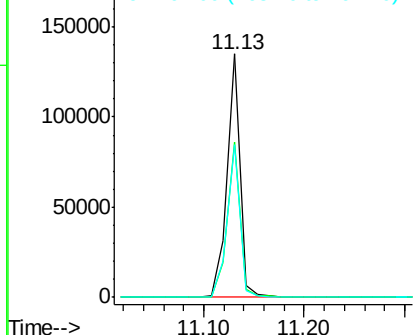
#69
 Pentachlorophenol
 Concen: 54.51 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPMSD

Tgt Ion: 266 Resp: 122170
 Ion Ratio Lower Upper
 266 100
 268 63.8 52.8 79.2
 264 62.8 49.6 74.4

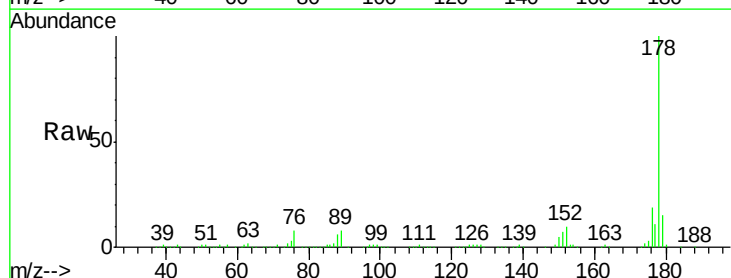


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

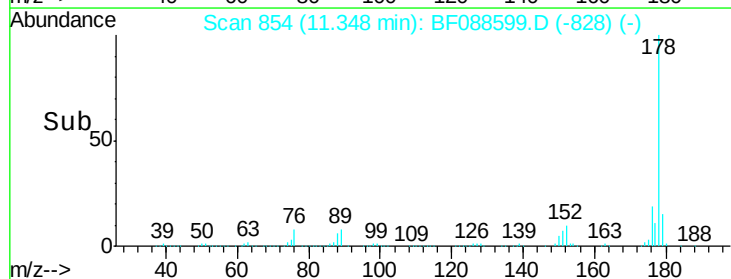
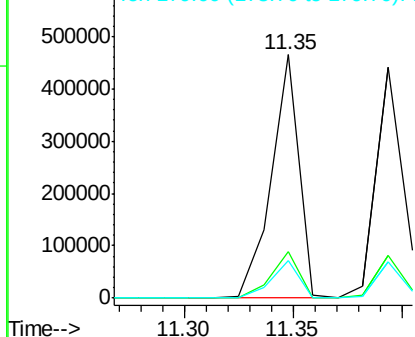


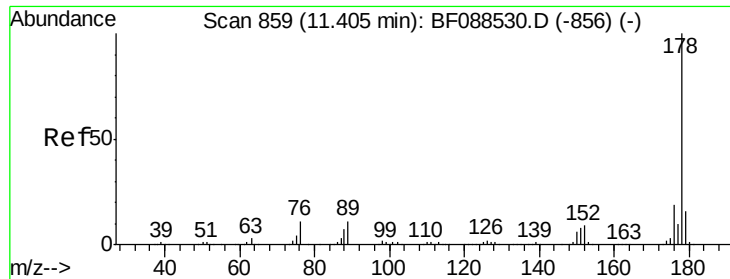
#70
 Phenanthrene
 Concen: 22.39 ng
 RT: 11.35 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

Tgt Ion: 178 Resp: 415461
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.6
 179 15.3 13.0 19.4



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

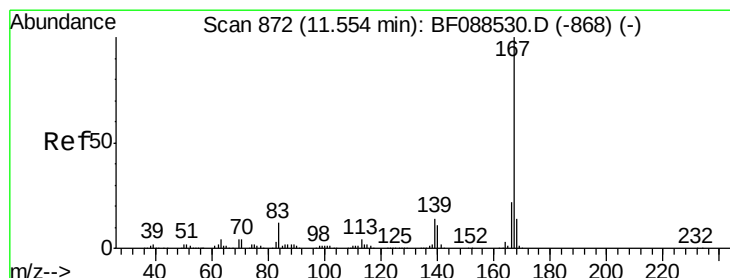
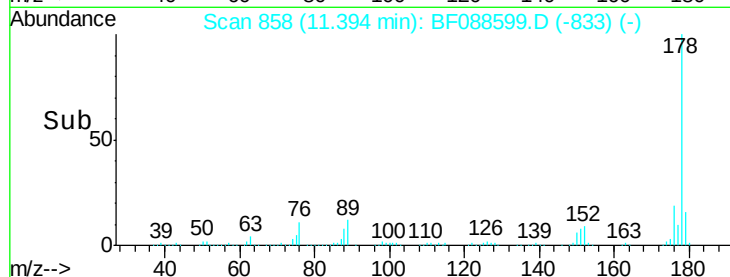
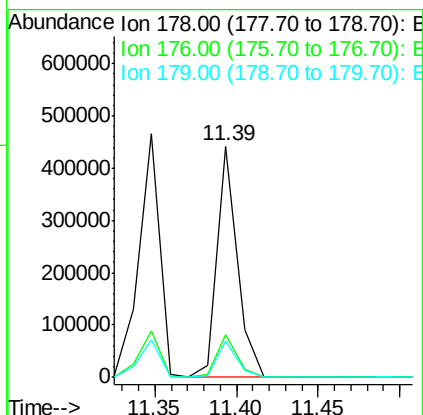
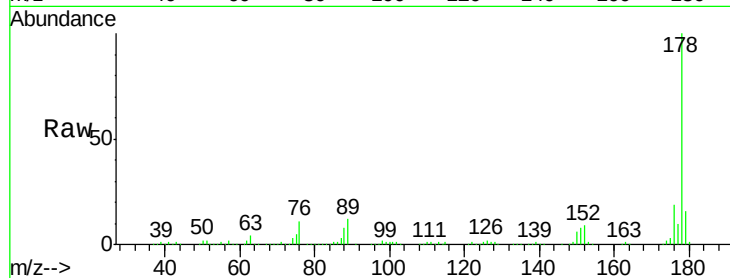




#71
 Anthracene
 Concen: 20.77 ng
 RT: 11.39 min Scan# 858
 Delta R.T. -0.01 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

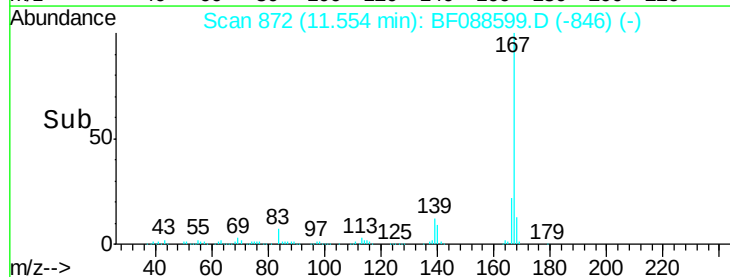
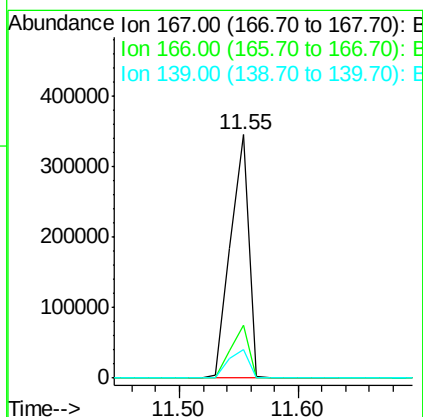
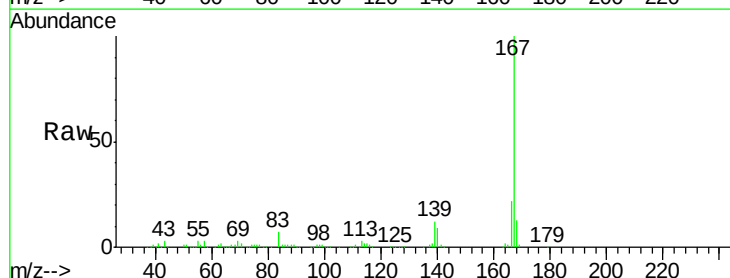
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPMSD

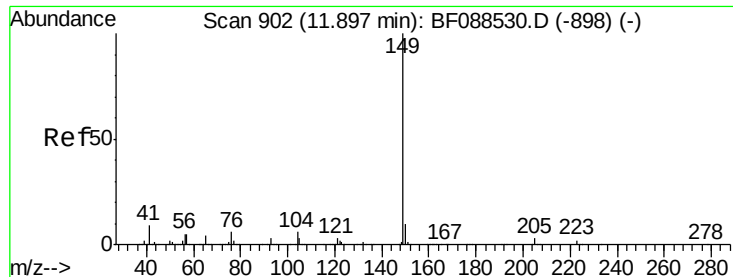
Tgt Ion:178 Resp: 383307
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.6 23.4
 179 15.9 12.8 19.2



#72
 Carbazole
 Concen: 21.25 ng
 RT: 11.55 min Scan# 872
 Delta R.T. 0.00 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

Tgt Ion:167 Resp: 369130
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.8 26.6
 139 11.9 11.2 16.8





#73

Di-n-butylphthalate

Concen: 24.17 ng

RT: 11.90 min Scan# 902

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMSD

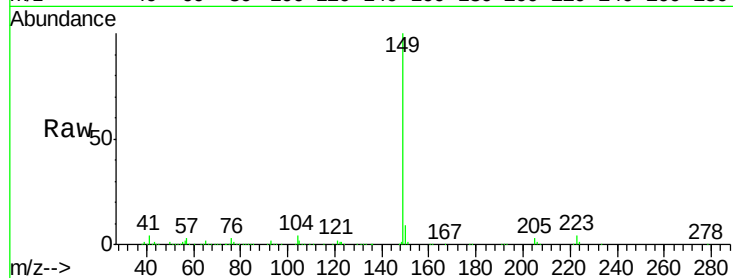
Tgt Ion:149 Resp: 488360

Ion Ratio Lower Upper

149 100

150 8.5 7.8 11.6

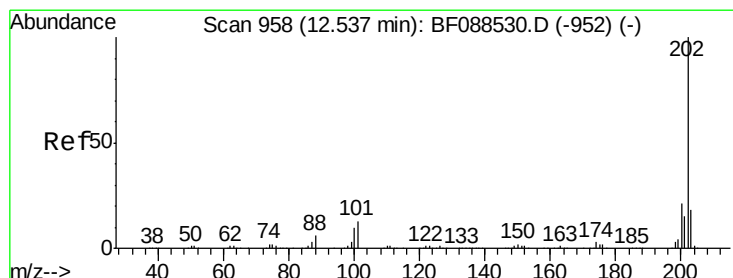
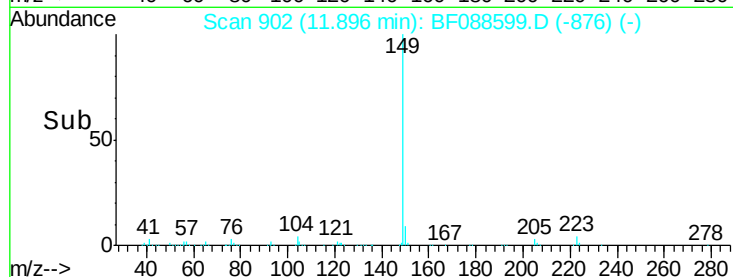
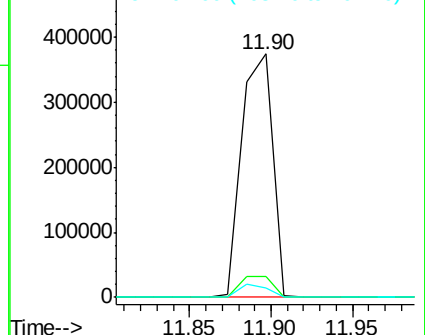
104 3.8 4.0 6.0#



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: 19.22 ng

RT: 12.53 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

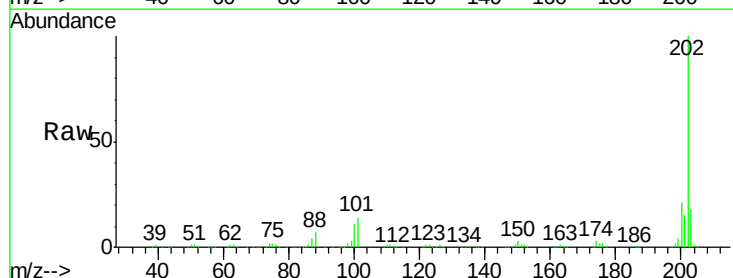
Tgt Ion:202 Resp: 361691

Ion Ratio Lower Upper

202 100

101 14.2 0.0 33.1

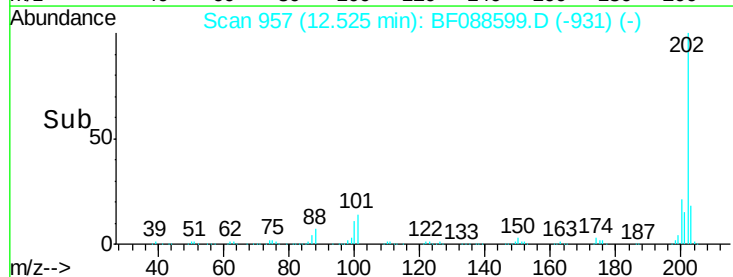
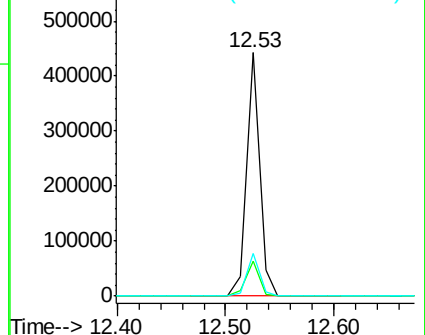
203 17.6 0.0 38.1

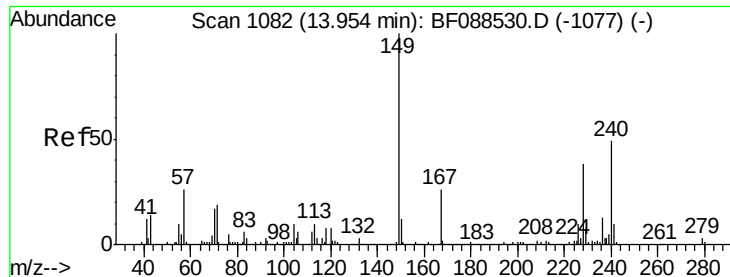


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.94 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMSD

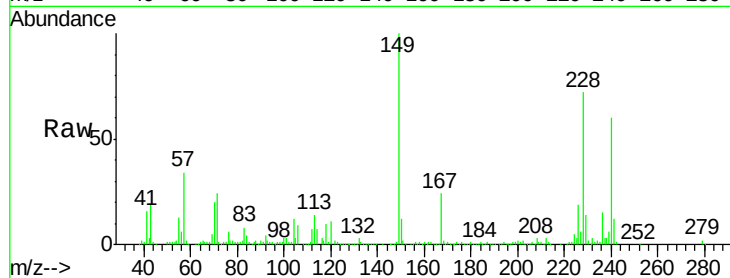
Tgt Ion:240 Resp: 225220

Ion Ratio Lower Upper

240 100

120 19.0 6.8 10.2#

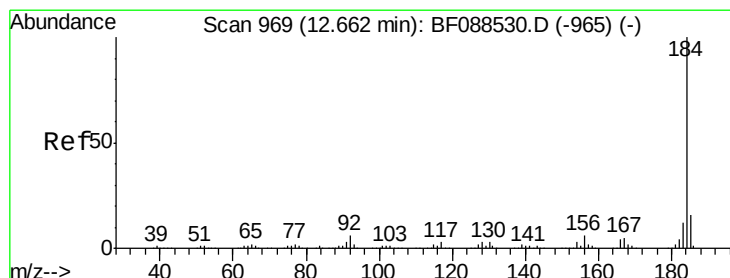
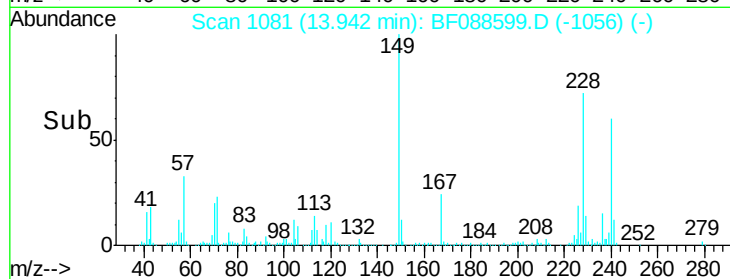
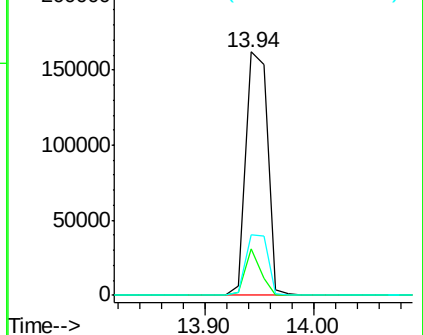
236 25.1 20.2 30.2



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: 8.85 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

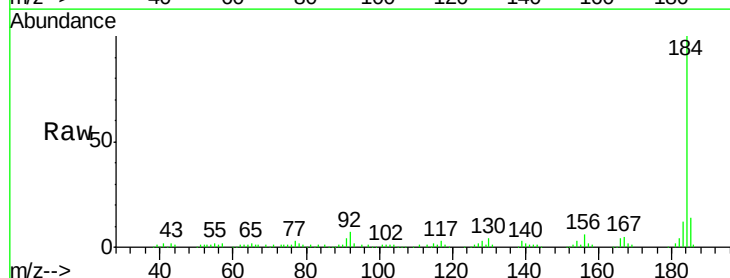
Tgt Ion:184 Resp: 100740

Ion Ratio Lower Upper

184 100

185 14.3 12.5 18.7

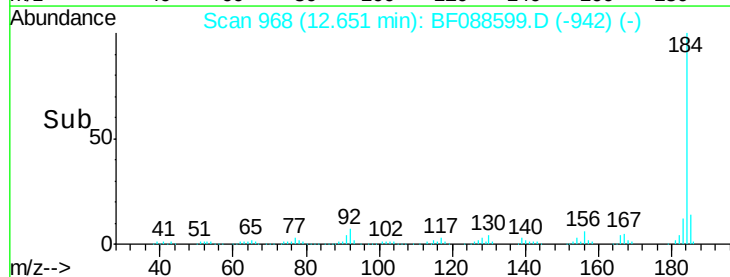
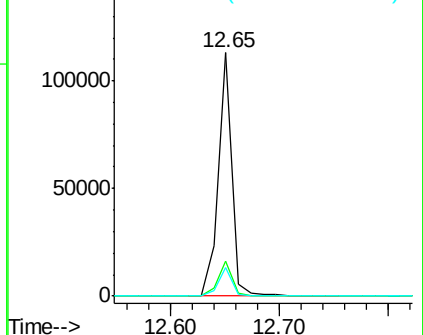
183 11.8 9.3 13.9

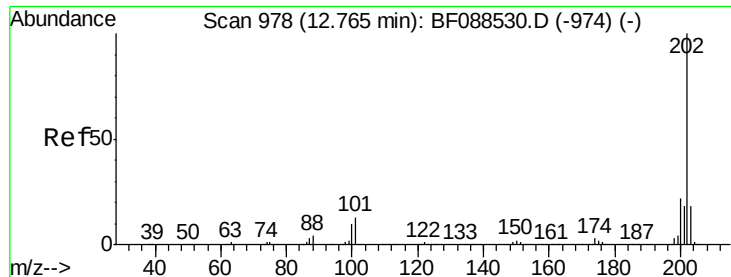


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

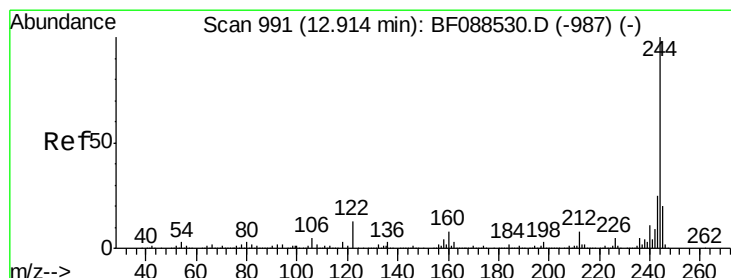
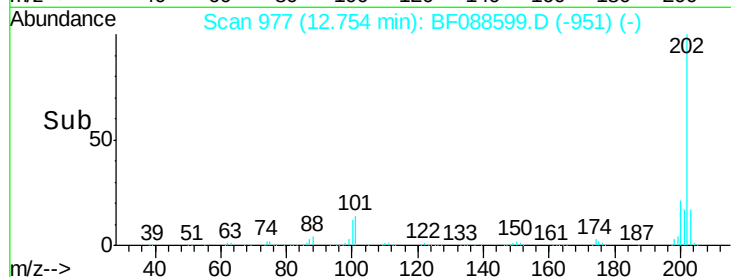
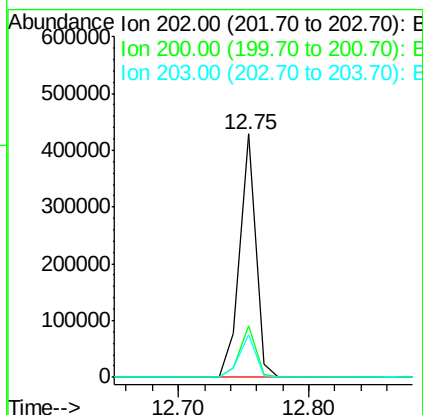
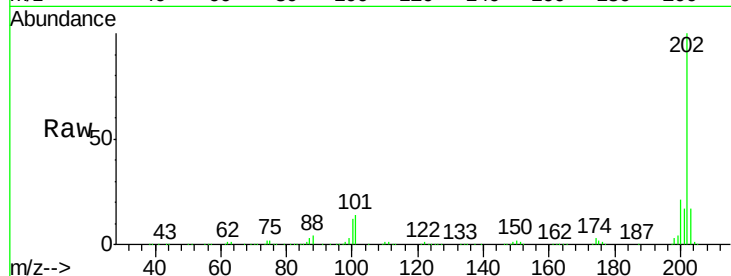




#77
Pyrene
 Concen: 19.04 ng
 RT: 12.75 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

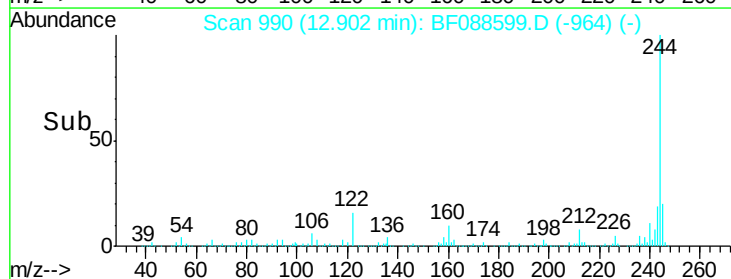
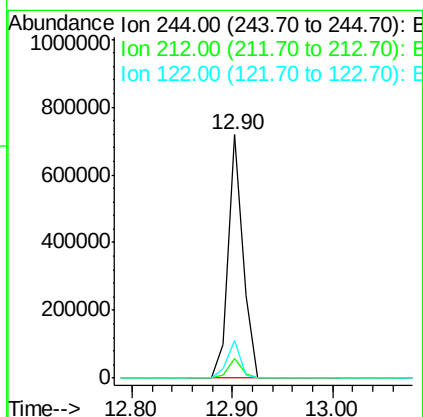
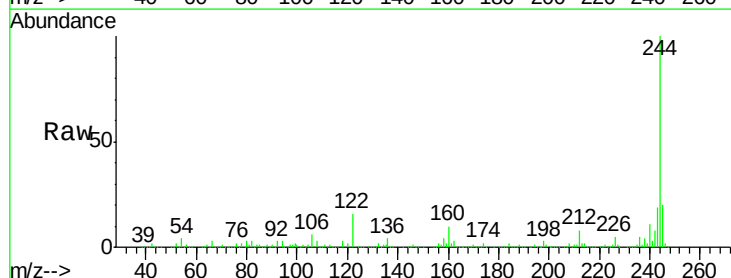
Instrument :
 BNA_F
ClientSampleId :
 SB-04-COMPMSD

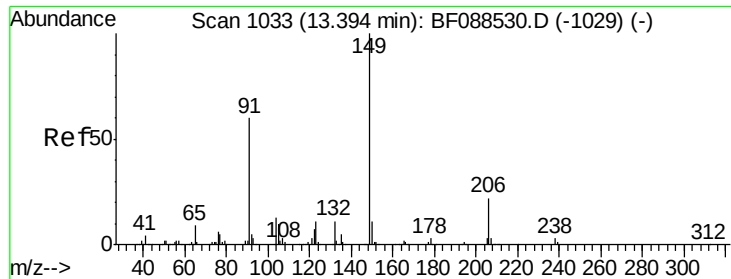
Tgt Ion: 202 Resp: 363672
 Ion Ratio Lower Upper
 202 100
 200 21.0 17.4 26.2
 203 17.4 14.5 21.7



#78
Terphenyl-d14
 Concen: 72.31 ng
 RT: 12.90 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

Tgt Ion: 244 Resp: 731187
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.0 9.0
 122 15.6 11.2 16.8





#79

Butylbenzylphthalate

Concen: 21.44 ng

RT: 13.38 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMSD

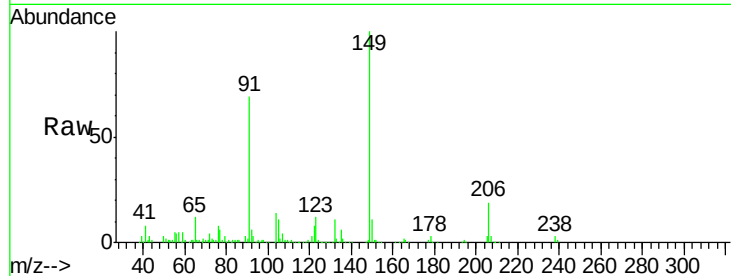
Tgt Ion:149 Resp: 182661

Ion Ratio Lower Upper

149 100

91 69.1 48.0 72.0

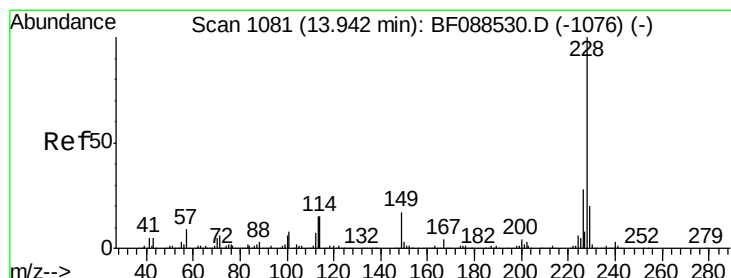
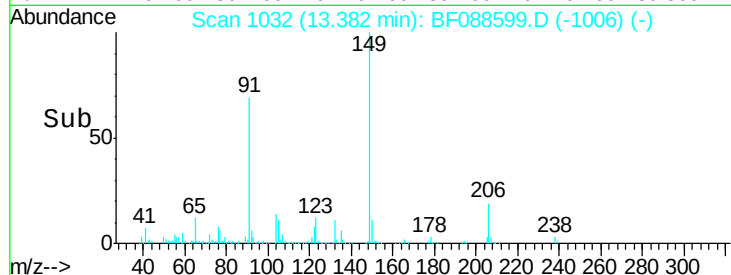
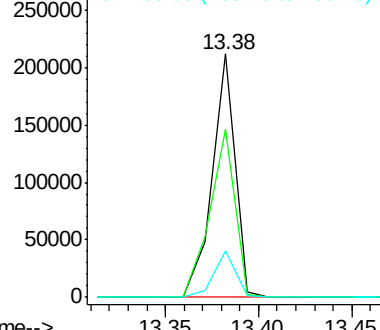
206 19.1 16.0 24.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 20.46 ng

RT: 13.93 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

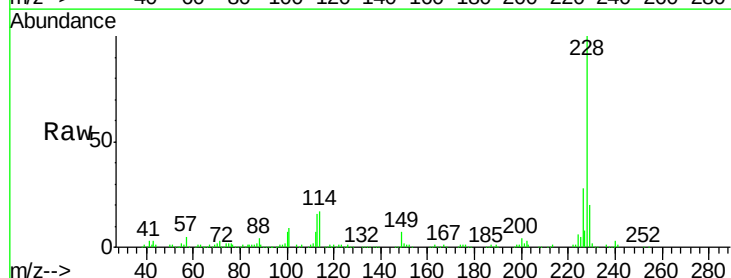
Tgt Ion:228 Resp: 296678

Ion Ratio Lower Upper

228 100

226 27.7 22.3 33.5

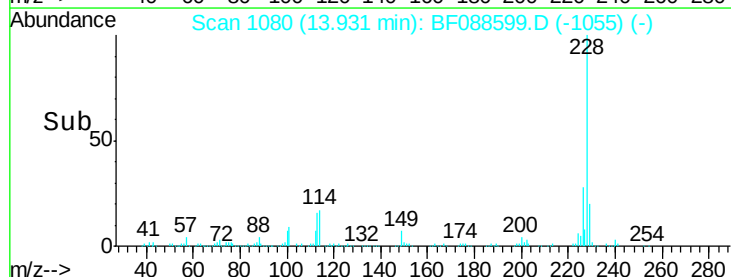
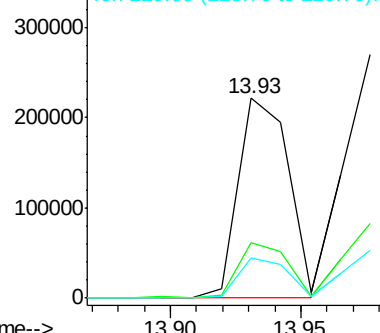
229 19.9 16.0 24.0

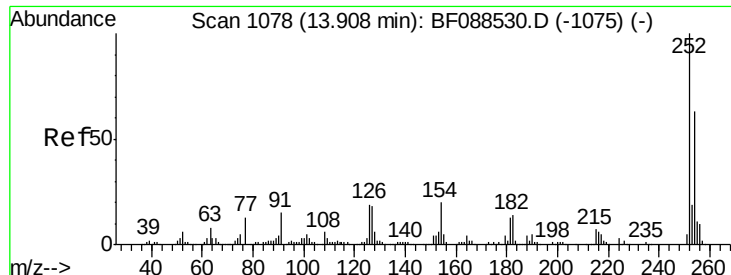


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

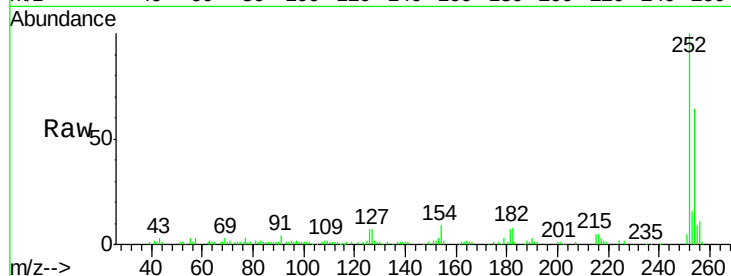




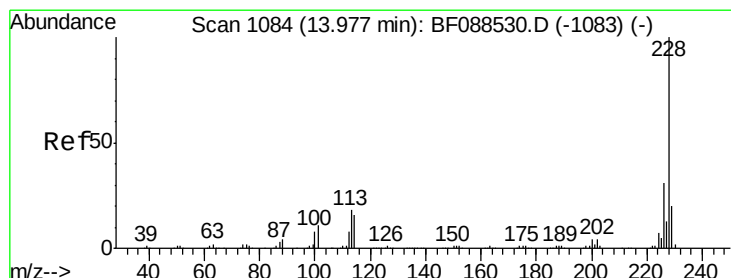
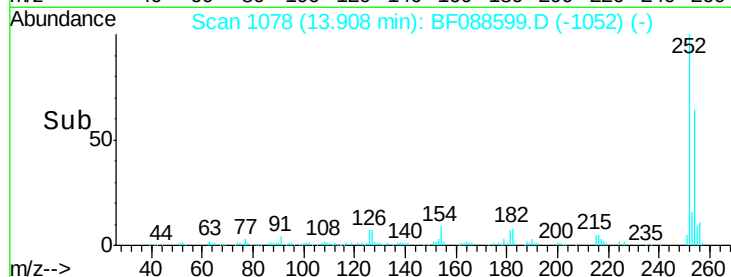
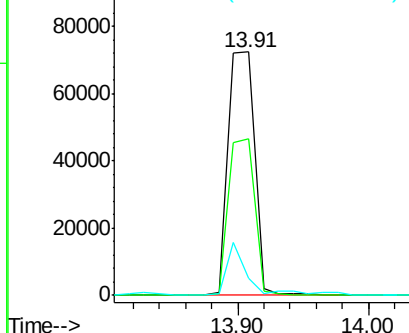
#81
 3,3'-Dichlorobenzidine
 Concen: 18.67 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPMSD

Tgt Ion: 252 Resp: 101805
 Ion Ratio Lower Upper
 252 100
 254 64.3 52.6 78.8
 126 7.0 6.2 9.2

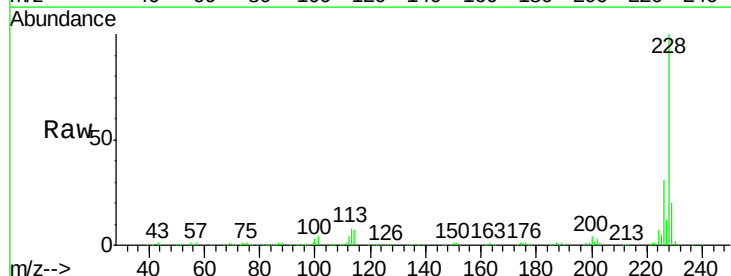


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

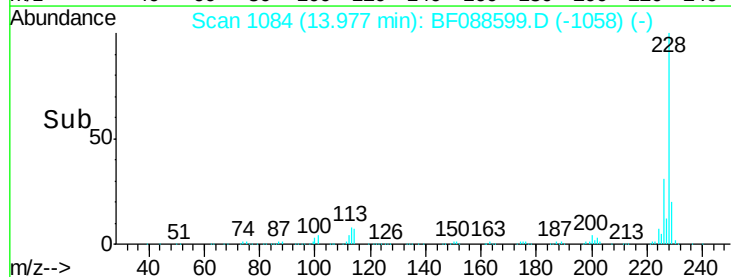
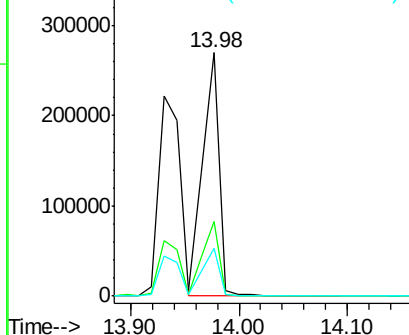


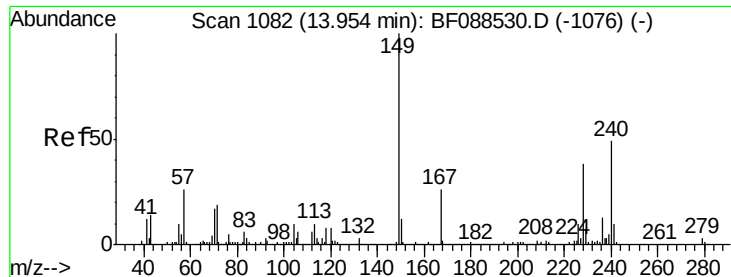
#82
 Chrysene
 Concen: 20.03 ng
 RT: 13.98 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

Tgt Ion: 228 Resp: 287405
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.4 38.2
 229 19.8 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

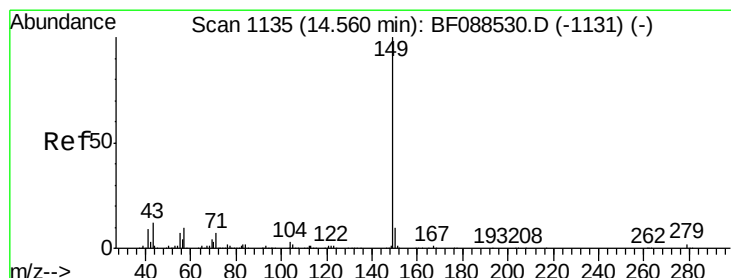
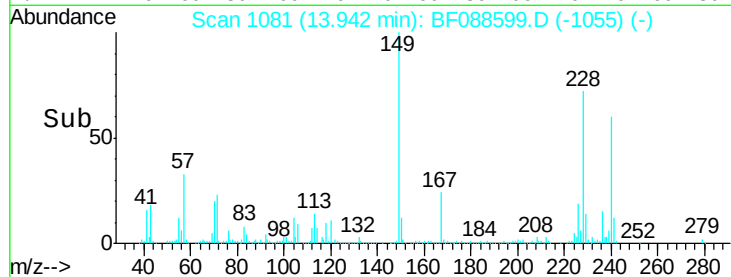
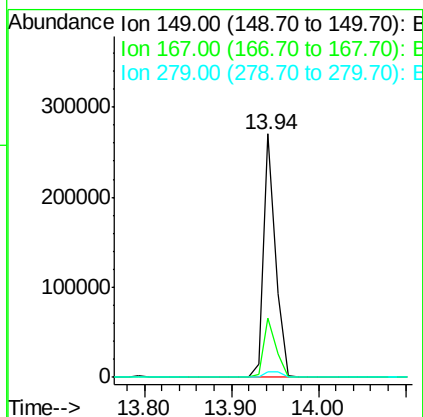
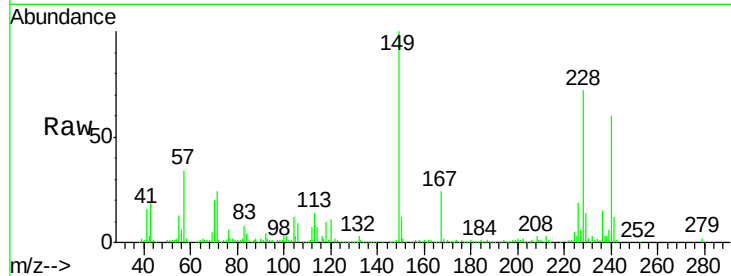




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 27.19 ng
 RT: 13.94 min Scan# 1081
 Delta R.T. 0.00 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

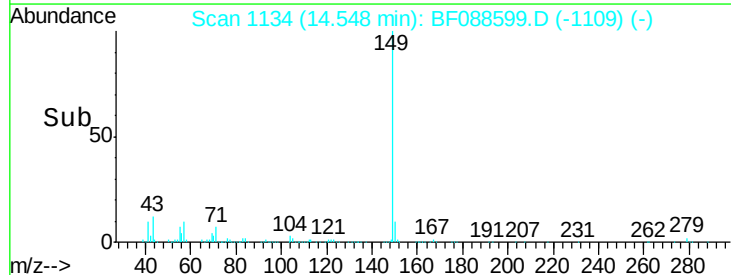
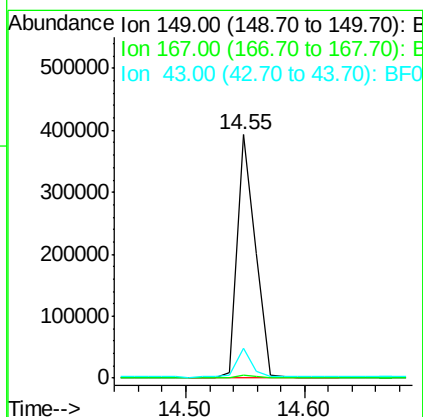
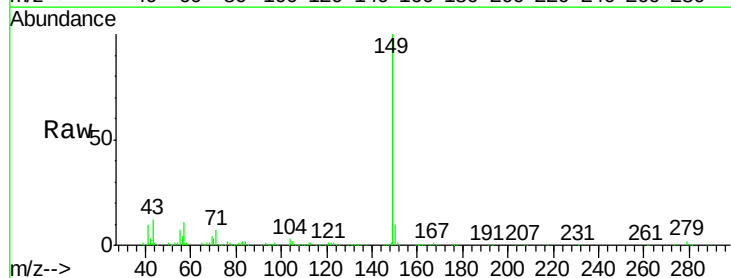
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPMSD

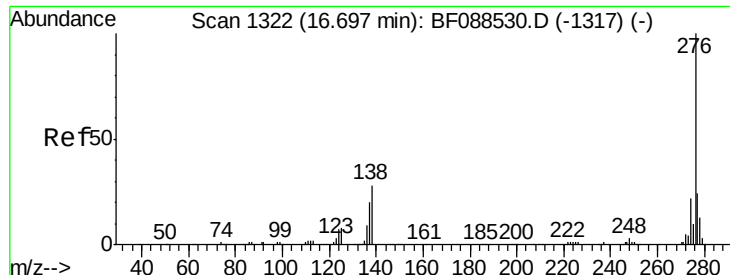
Tgt Ion:149 Resp: 264404
 Ion Ratio Lower Upper
 149 100
 167 24.1 20.5 30.7
 279 2.1 2.0 3.0



#84
 Di-n-octyl phthalate
 Concen: 25.32 ng
 RT: 14.55 min Scan# 1134
 Delta R.T. -0.01 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

Tgt Ion:149 Resp: 418370
 Ion Ratio Lower Upper
 149 100
 167 1.7 0.0 0.0#
 43 10.4 0.0 0.0#

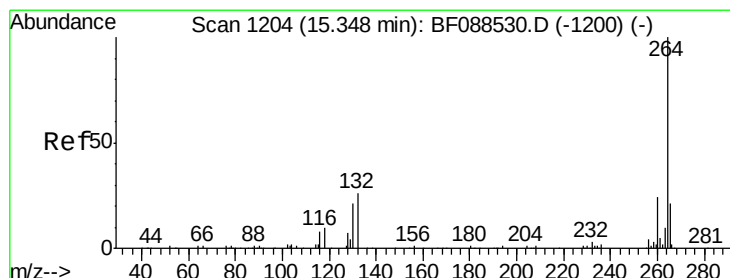
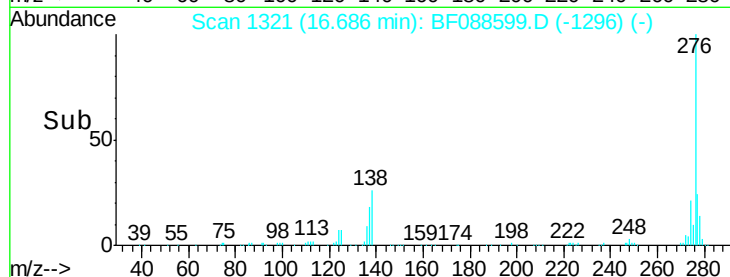
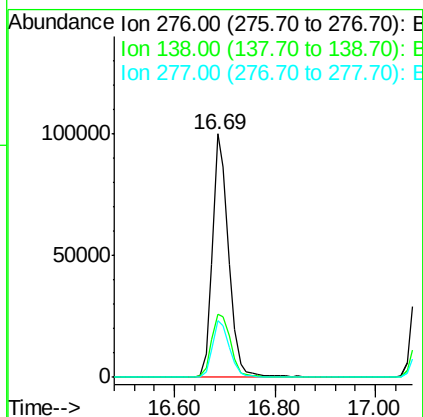
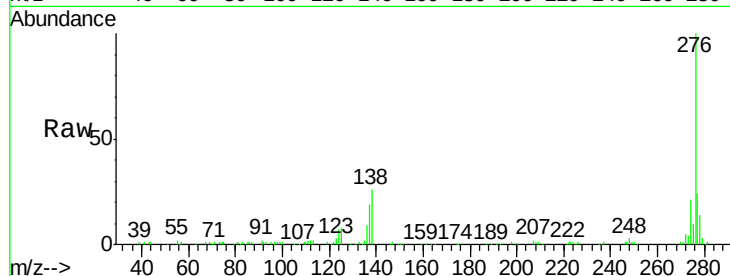




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 20.20 ng
 RT: 16.69 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

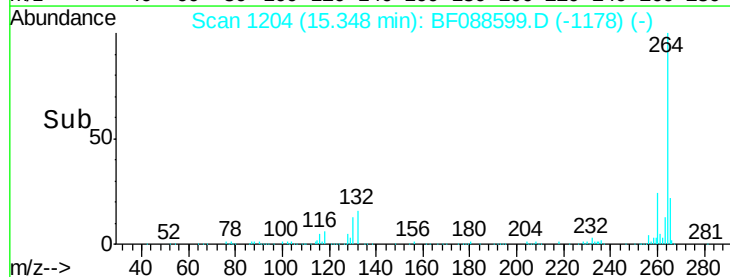
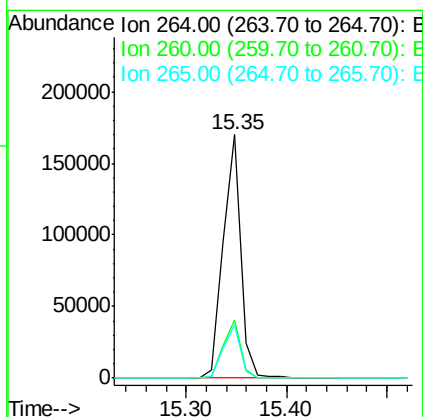
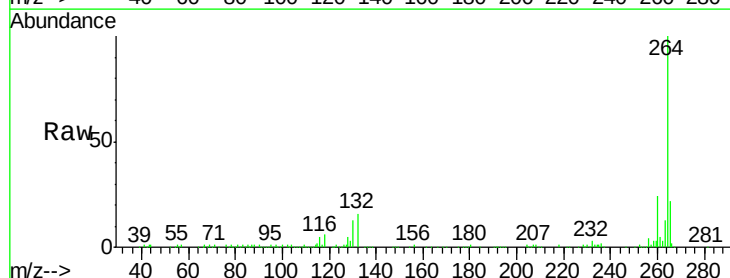
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPMSD

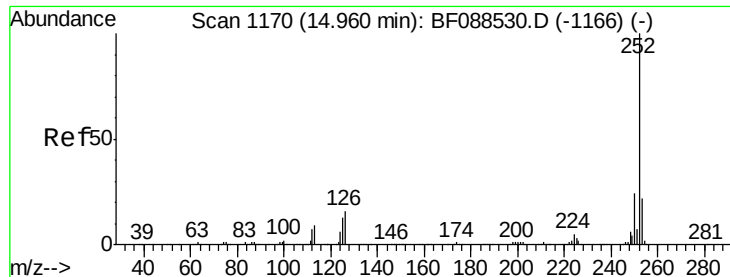
Tgt Ion:276 Resp: 223035
 Ion Ratio Lower Upper
 276 100
 138 30.7 0.0 0.0#
 277 24.6 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

Tgt Ion:264 Resp: 206700
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.7 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 39.33 ng

RT: 14.95 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMSD

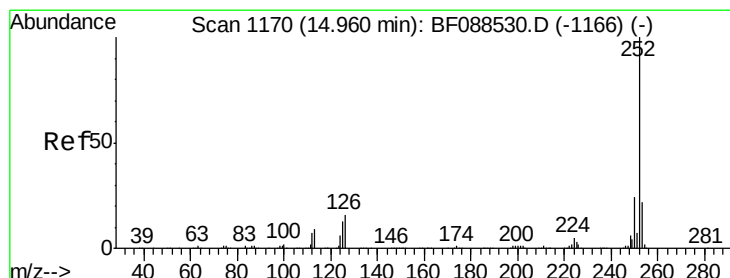
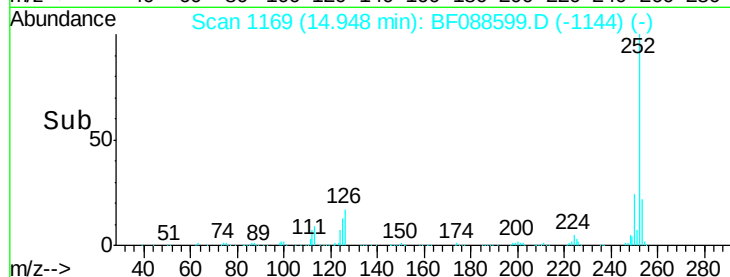
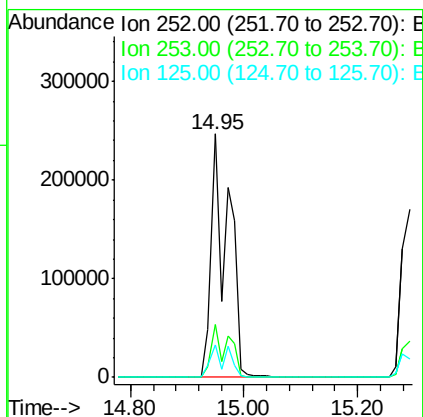
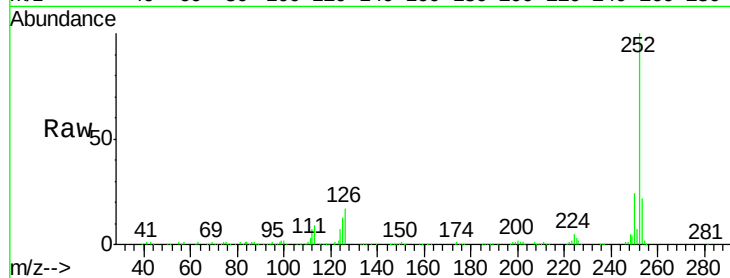
Tgt Ion:252 Resp: 510025

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 13.3 7.1 10.7#



#88

Benzo(k)fluoranthene

Concen: 45.18 ng

RT: 14.95 min Scan# 1169

Delta R.T. -0.03 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

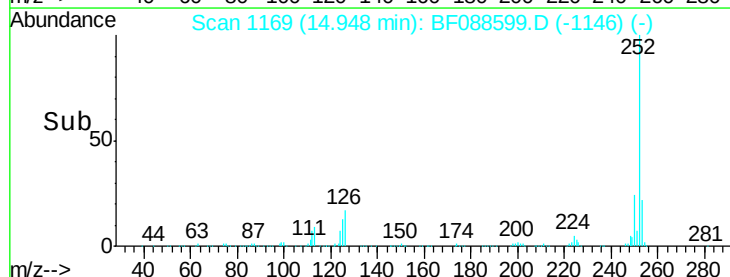
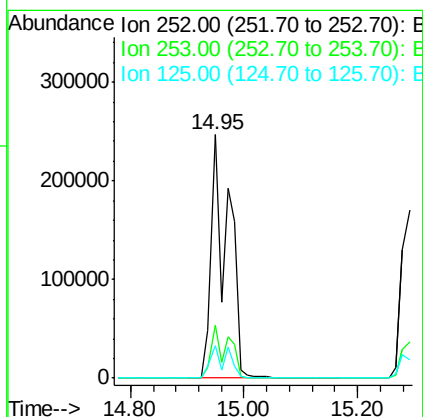
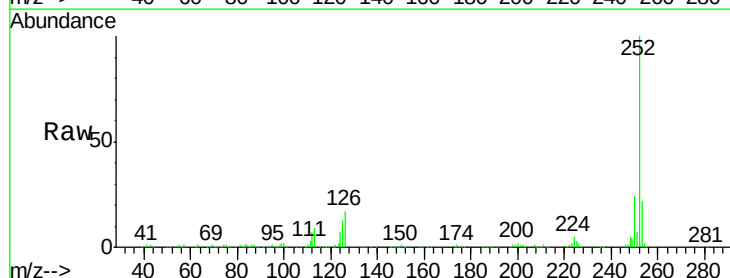
Tgt Ion:252 Resp: 510025

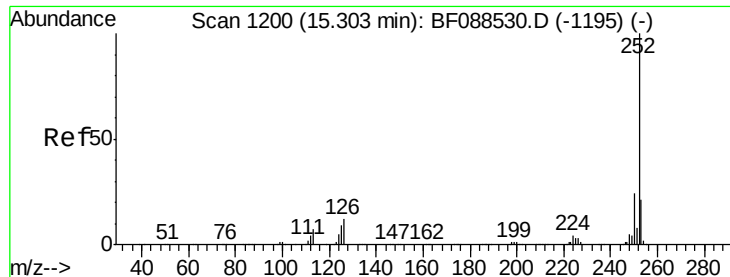
Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

125 13.3 11.2 16.8





#89

Benzo(a)pyrene

Concen: 21.18 ng

RT: 15.29 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMSD

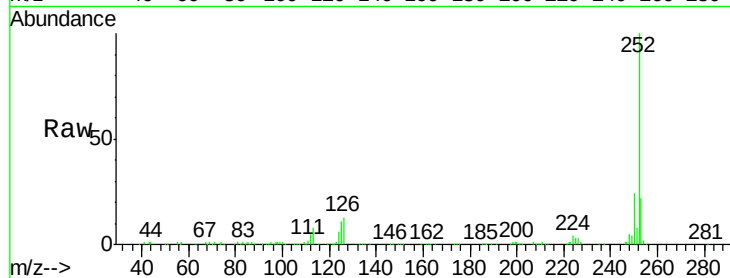
Tgt Ion:252 Resp: 232539

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

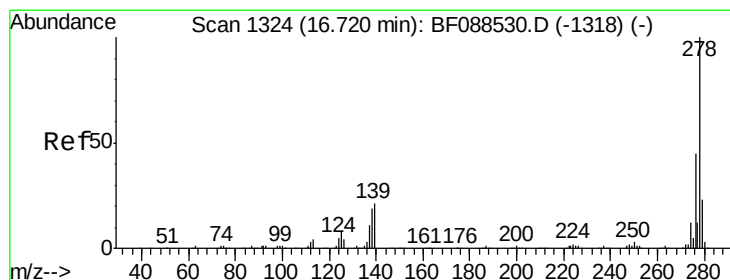
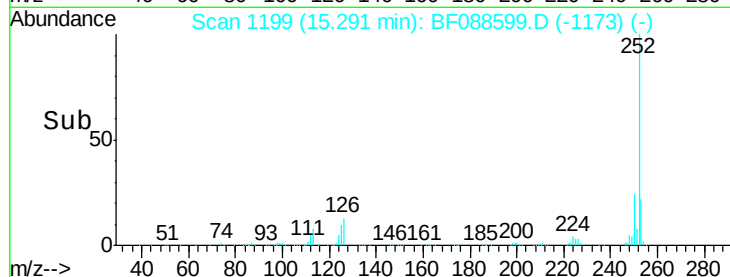
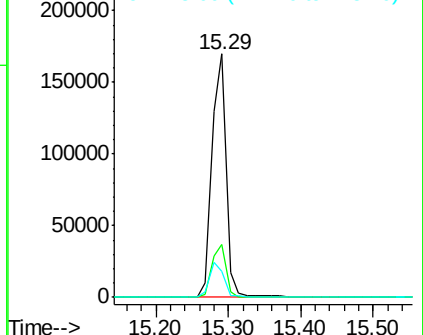
125 10.6 12.5 18.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 20.64 ng

RT: 16.71 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

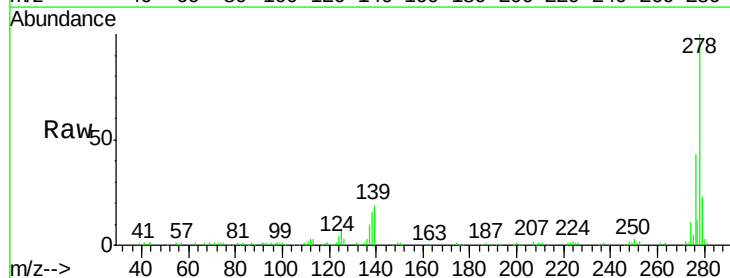
Tgt Ion:278 Resp: 189214

Ion Ratio Lower Upper

278 100

139 18.8 15.7 23.5

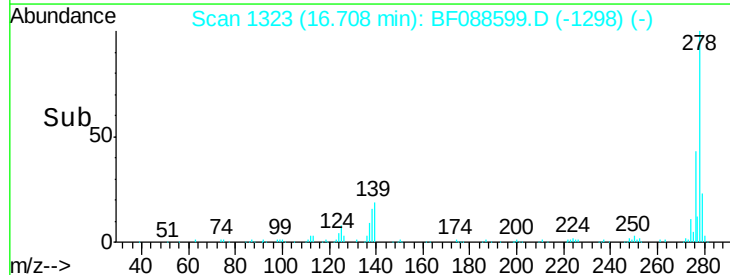
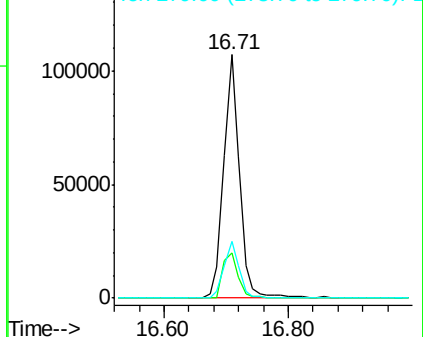
279 23.4 19.4 29.2

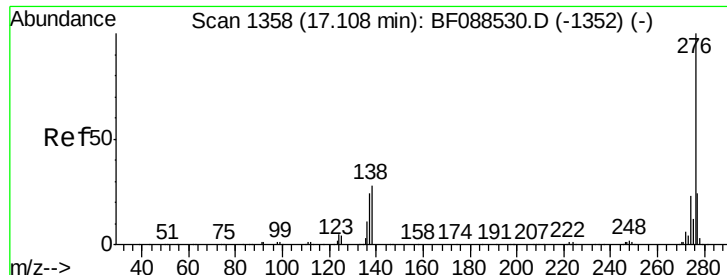


Abundance Ion 278.00 (277.70 to 278.70): E

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: 18.55 ng

RT: 17.10 min Scan# 1357

Delta R.T. -0.01 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMSD

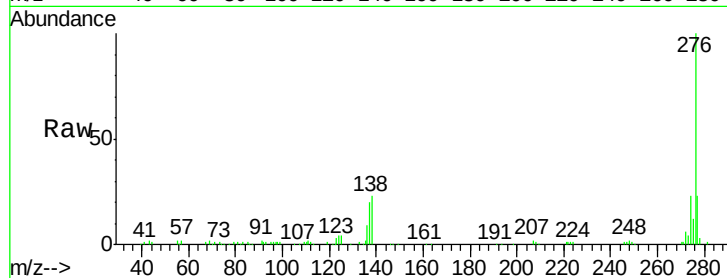
Tgt Ion: 276 Resp: 176017

Ion Ratio Lower Upper

276 100

277 22.9 18.9 28.3

138 23.0 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

