

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070616\
 Data File : BF088742.D
 Acq On : 6 Jul 2016 19:03
 Operator : UM/SJ
 Sample : H3808-25MSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMSD

Quant Time: Jul 07 01:04:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	81819	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	334983	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	159206	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	308026	20.00	ng	-0.03
75) Chrysene-d12	13.89	240	253657	20.00	ng	-0.03
86) Perylene-d12	15.26	264	202116	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	631481	115.67	ng	-0.02
7) Phenol-d6	6.40	99	861858	122.18	ng	-0.01
23) Nitrobenzene-d5	7.31	82	516656	80.83	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	197246	133.42	ng	-0.03
44) 2-Fluorobiphenyl	9.12	172	1009360	100.14	ng	-0.02
78) Terphenyl-d14	12.85	244	874737	76.81	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	80163	29.62	ng	# 33
3) Pyridine	3.03	79	124496	15.85	ng	94
4) n-Nitrosodimethylamine	2.96	42	63894	21.29	ng	88
6) Aniline	6.41	93	104233	10.14	ng	# 1
8) 2-Chlorophenol	6.54	128	165529	28.21	ng	93
9) Benzaldehyde	6.28	77	102310	21.41	ng	# 81
10) Phenol	6.41	94	236870	29.42	ng	85
11) bis(2-Chloroethyl)ether	6.49	93	191075	31.83	ng	85
12) 1,3-Dichlorobenzene	6.68	146	147949	22.91	ng	# 94
13) 1,4-Dichlorobenzene	6.76	146	156460	24.41	ng	95
14) 1,2-Dichlorobenzene	6.92	146	154173	25.70	ng	96
15) Benzyl Alcohol	6.90	79	154662	29.79	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.04	45	184442	21.21	ng	89
17) 2-Methylphenol	7.02	107	133647	27.92	ng	98
18) Hexachloroethane	7.27	117	64119	25.87	ng	97
19) n-Nitroso-di-n-propylamine	7.18	70	122546	25.86	ng	# 83
20) 3+4-Methylphenols	7.16	107	164291	28.60	ng	# 60
22) Acetophenone	7.16	105	231066	28.42	ng	# 91
24) Nitrobenzene	7.34	77	192966	29.94	ng	91
25) Isophorone	7.58	82	303557	25.64	ng	95
26) 2-Nitrophenol	7.66	139	86225	32.63	ng	# 82
27) 2,4-Dimethylphenol	7.70	122	131961	23.97	ng	93
28) bis(2-Chloroethoxy)methane	7.79	93	212370	27.56	ng	# 96
29) 2,4-Dichlorophenol	7.90	162	135386	30.43	ng	98
30) 1,2,4-Trichlorobenzene	7.98	180	132054	27.05	ng	99
31) Naphthalene	8.06	128	462325	28.00	ng	99
32) Benzoic acid	7.83	122	10674	2.67	ng	98
33) 4-Chloroaniline	8.22	127	31294	4.26	ng	98
34) Hexachlorobutadiene	8.18	225	75885	29.03	ng	97
35) Caprolactam	8.57	113	36485	24.15	ng	93
36) 4-Chloro-3-methylphenol	8.59	107	164480	31.27	ng	95
37) 2-Methylnaphthalene	8.75	142	294472	27.69	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	119794	22.62	ng	# 1
40) Hexachlorocyclopentadiene	8.90	237	175595	67.56	ng	98

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 ALS Vial : 4 Sample Multiplier: 1

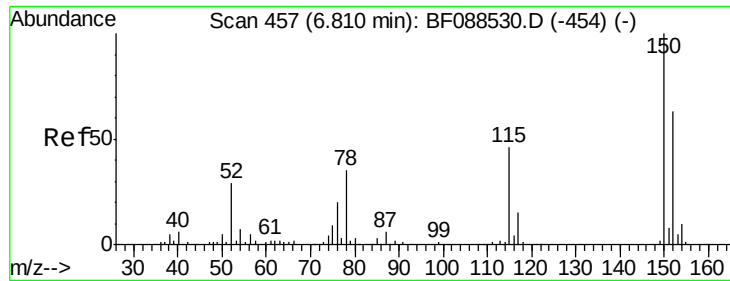
Instrument :
 BNA_F
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Quant Time: Jul 07 01:04:42 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.03	196	100665	28.83	ng	97
43) 2,4,5-Trichlorophenol	9.06	196	87974	29.29	ng #	84
45) 1,1'-Biphenyl	9.21	154	365490	27.72	ng	99
46) 2-Chloronaphthalene	9.23	162	284830	27.52	ng	99
47) 2-Nitroaniline	9.32	65	86828	23.64	ng	94
48) Acenaphthylene	9.64	152	447038	27.15	ng	99
49) Dimethylphthalate	9.52	163	497729	43.88	ng	99
50) 2,6-Dinitrotoluene	9.58	165	81756	32.52	ng	92
51) Acenaphthene	9.82	154	262174	25.97	ng	98
52) 3-Nitroaniline	9.74	138	61246	19.17	ng	95
53) 2,4-Dinitrophenol	9.84	184	6848	6.17	ng	88
54) Dibenzofuran	9.99	168	396628	30.02	ng #	88
55) 4-Nitrophenol	9.91	139	153811	63.34	ng	93
56) 2,4-Dinitrotoluene	9.98	165	108938	33.14	ng	91
57) Fluorene	10.33	166	323363	31.76	ng	96
58) 2,3,4,6-Tetrachlorophenol	10.11	232	64720	27.85	ng #	52
59) Diethylphthalate	10.22	149	350791	30.82	ng	100
60) 4-Chlorophenyl-phenylether	10.33	204	138224	29.22	ng #	87
61) 4-Nitroaniline	10.34	138	72944	23.72	ng	78
62) Azobenzene	10.48	77	384373	29.60	ng	90
64) 4,6-Dinitro-2-methylphenol	10.38	198	15012	9.11	ng	92
65) n-Nitrosodiphenylamine	10.44	169	281544	27.01	ng	100
66) 4-Bromophenyl-phenylether	10.81	248	83165	26.79	ng #	77
67) Hexachlorobenzene	10.88	284	99771	29.04	ng #	79
68) Atrazine	10.99	200	93803	28.88	ng	92
69) Pentachlorophenol	11.07	266	83144	40.89	ng	98
70) Phenanthrene	11.29	178	452856	26.89	ng	98
71) Anthracene	11.34	178	491484	29.36	ng	99
72) Carbazole	11.50	167	443212	28.13	ng	98
73) Di-n-butylphthalate	11.84	149	514619	28.08	ng	99
74) Fluoranthene	12.47	202	510260	29.89	ng	97
76) Benzidine	12.58	184	60649	4.73	ng #	48
77) Pyrene	12.69	202	486129	22.60	ng	100
79) Butylbenzylphthalate	13.31	149	327724	34.16	ng #	69
80) Benzo(a)anthracene	13.87	228	429757	26.31	ng	99
81) 3,3'-Dichlorobenzidine	13.84	252	83472	13.59	ng #	98
82) Chrysene	13.91	228	353401	21.87	ng	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	603096	55.06	ng #	99
84) Di-n-octyl phthalate	14.49	149	673049	36.17	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.57	276	279848	22.51	ng #	100
87) Benzo(b)fluoranthene	14.88	252	663751	52.35	ng #	97
88) Benzo(k)fluoranthene	14.88	252	663751	60.14	ng	98
89) Benzo(a)pyrene	15.21	252	307968	28.69	ng #	94
90) Dibenzo(a,h)anthracene	16.58	278	231683	25.85	ng	99
91) Benzo(g,h,i)perylene	16.96	276	230867	24.89	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 452

Delta R.T. -0.02 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMSD

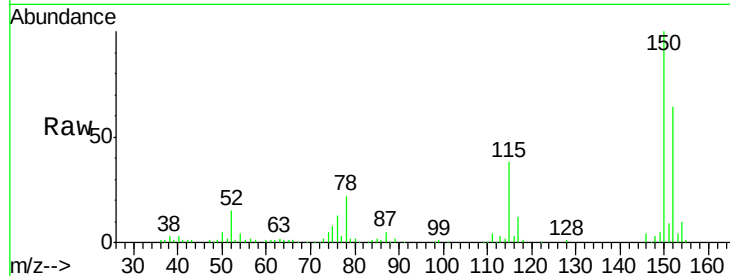
Tgt Ion:152 Resp: 81819

Ion Ratio Lower Upper

152 100

150 157.4 123.8 185.6

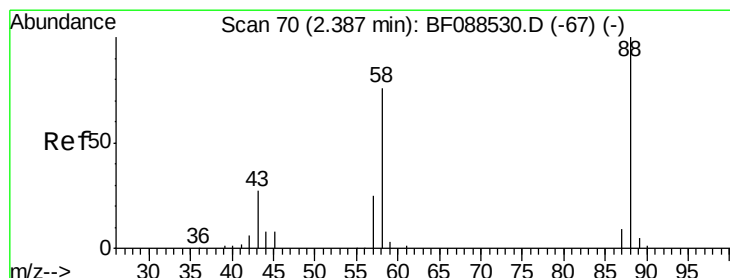
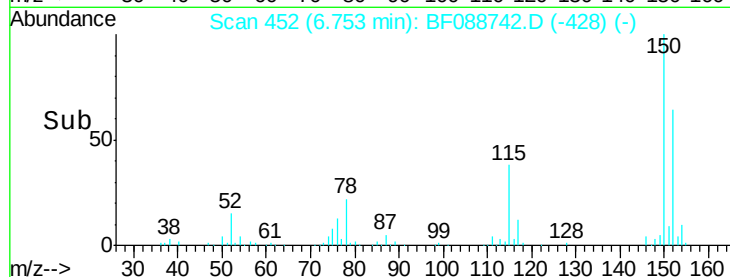
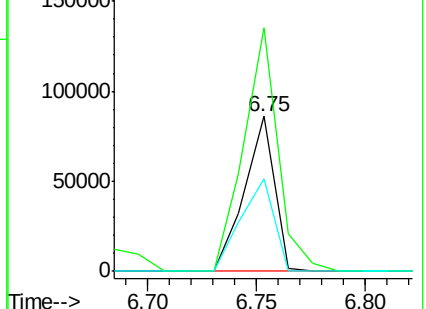
115 59.9 39.6 59.4#



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: 29.62 ng

RT: 2.34 min Scan# 66

Delta R.T. 0.01 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

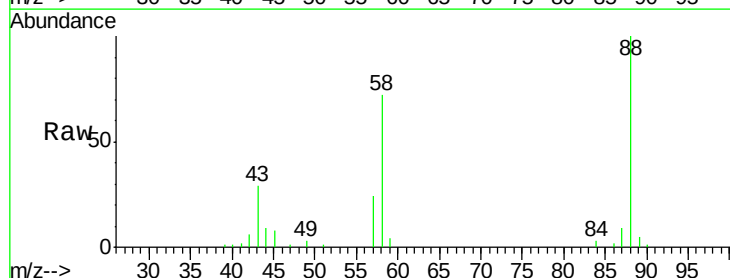
Tgt Ion: 88 Resp: 80163

Ion Ratio Lower Upper

88 100

58 70.0 0.0 0.0#

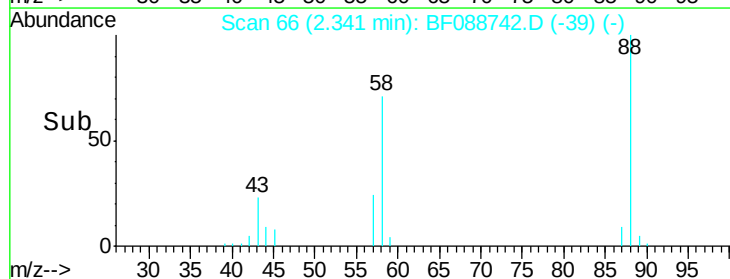
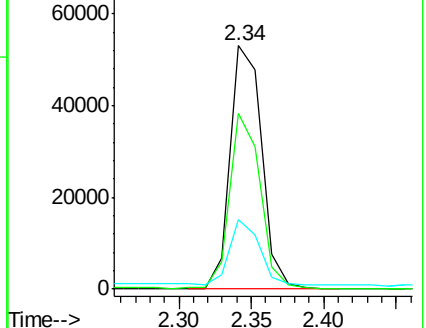
43 26.3 3.4 5.2#

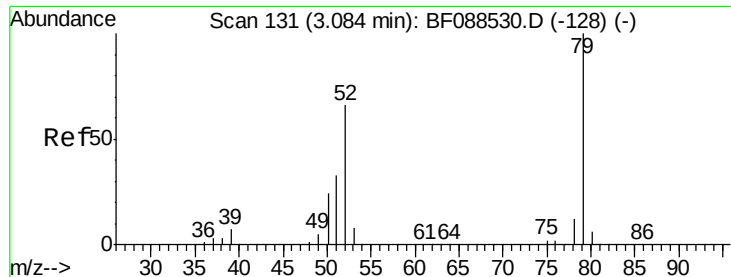


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 15.85 ng

RT: 3.03 min Scan# 126

Delta R.T. 0.02 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMSD

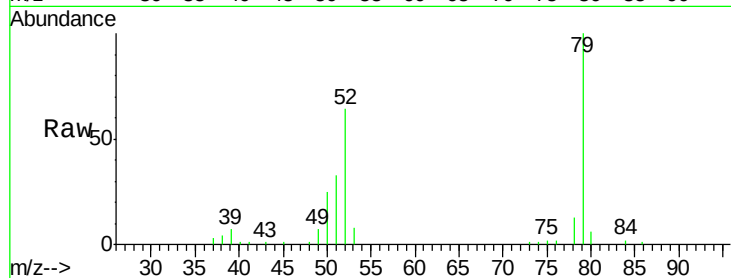
Tgt Ion: 79 Resp: 124496

Ion Ratio Lower Upper

79 100

52 63.7 56.3 84.5

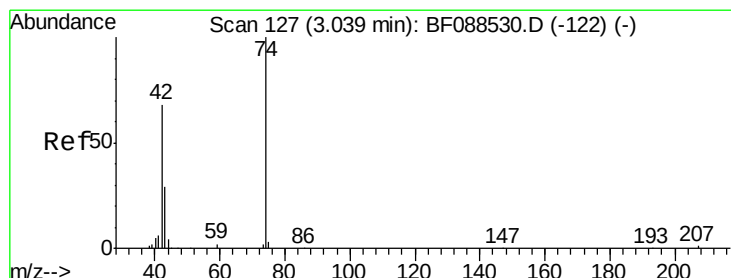
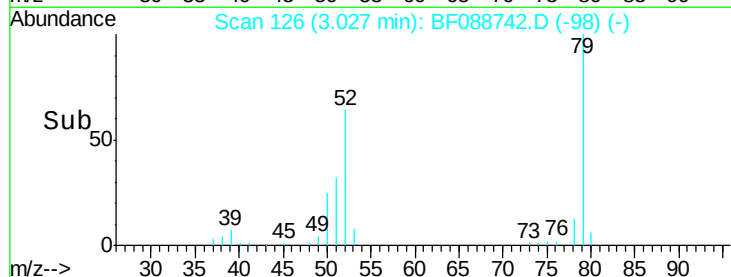
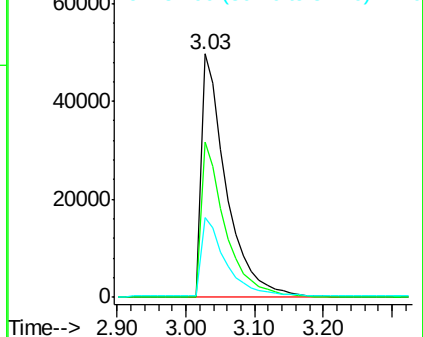
51 32.9 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 21.29 ng

RT: 2.96 min Scan# 120

Delta R.T. -0.01 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

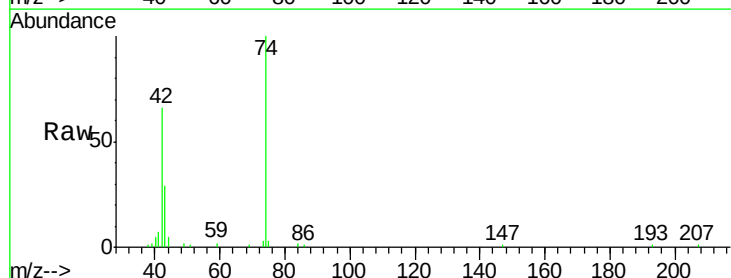
Tgt Ion: 42 Resp: 63894

Ion Ratio Lower Upper

42 100

74 150.8 108.6 163.0

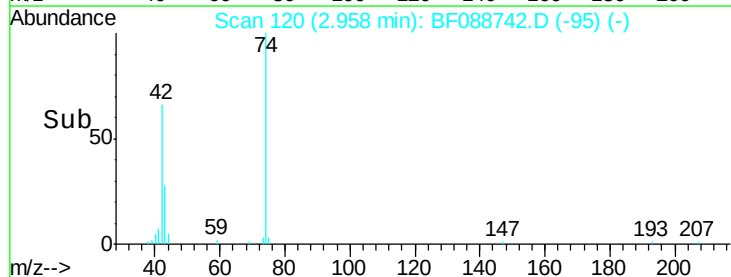
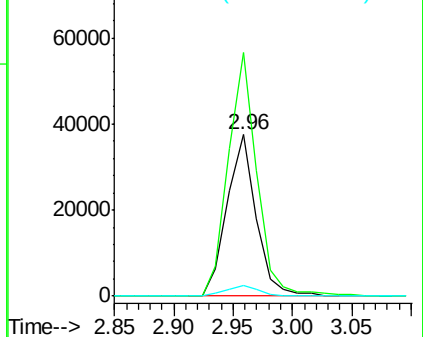
44 6.9 5.5 8.3

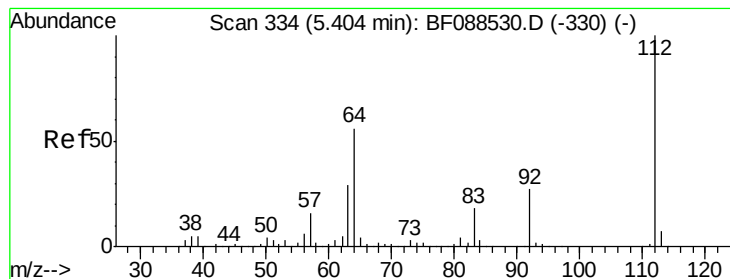


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 115.67 ng

RT: 5.35 min Scan# 329

Delta R.T. -0.02 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

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BNA_F

ClientSampleId :

SB-13-COMPMSD

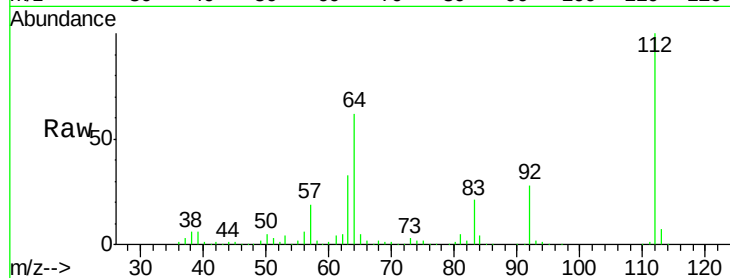
Tgt Ion: 112 Resp: 631481

Ion Ratio Lower Upper

112 100

64 61.6 42.2 63.2

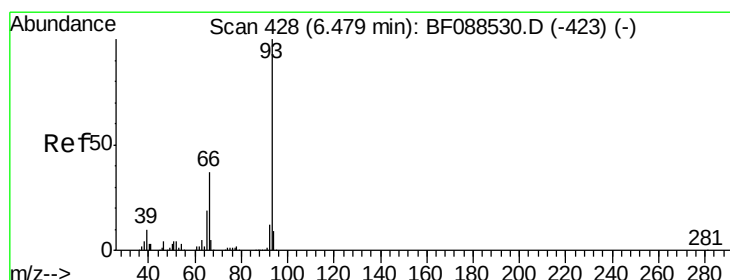
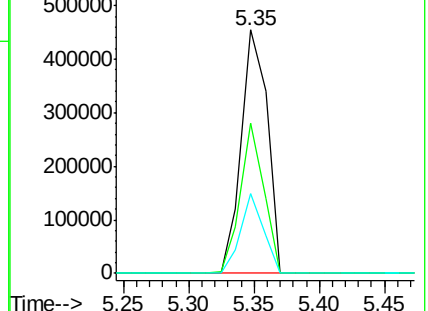
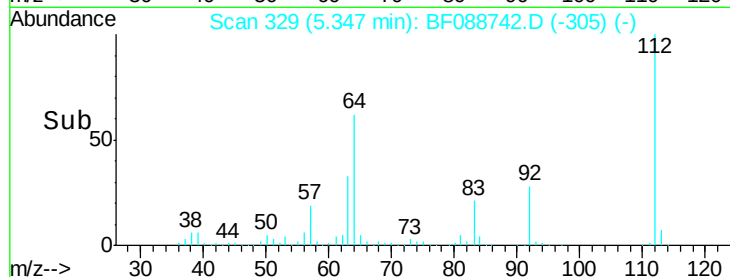
63 32.6 21.8 32.8



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: 10.14 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.02 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

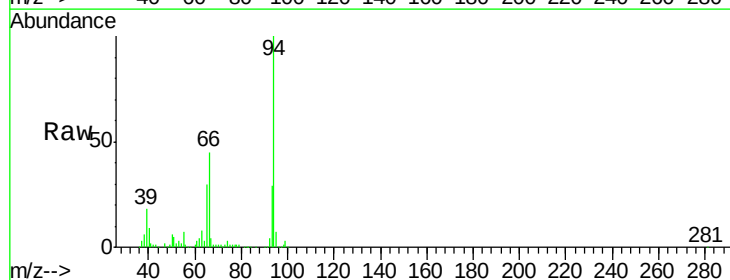
Tgt Ion: 93 Resp: 104233

Ion Ratio Lower Upper

93 100

66 155.8 29.8 44.8#

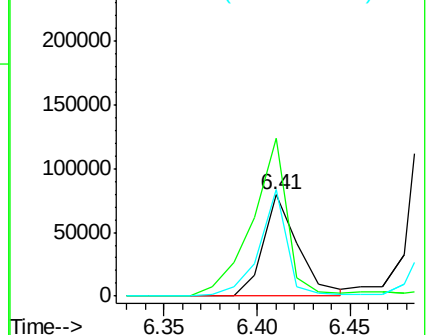
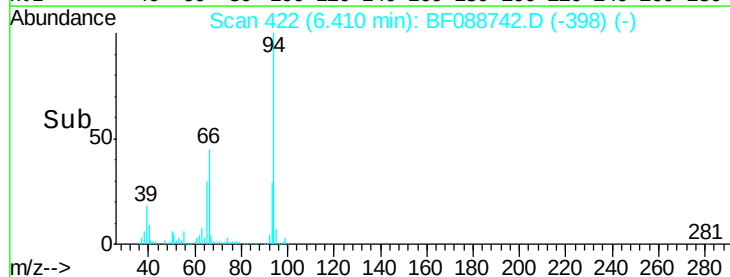
65 104.9 14.9 22.3#

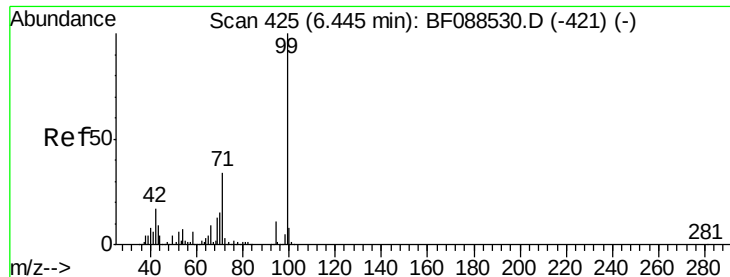


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 122.18 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF088742.D

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ClientSampleId :

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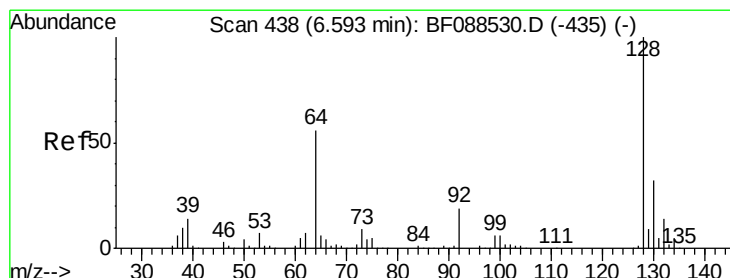
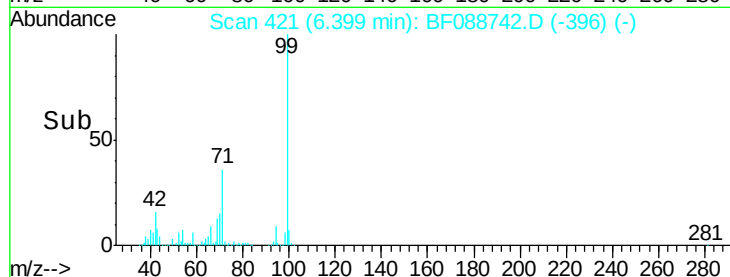
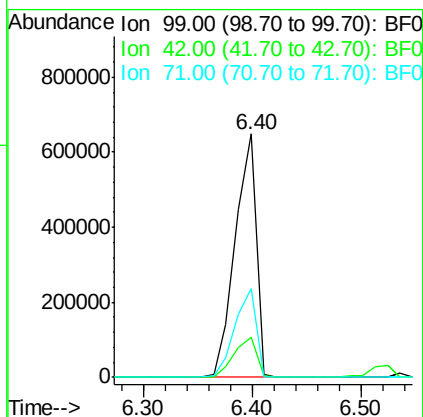
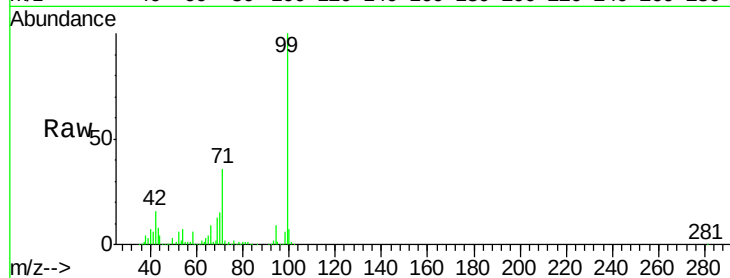
Tgt Ion: 99 Resp: 861858

Ion Ratio Lower Upper

99 100

42 16.3 12.2 18.2

71 36.2 23.4 35.0#



#8

2-Chlorophenol

Concen: 28.21 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

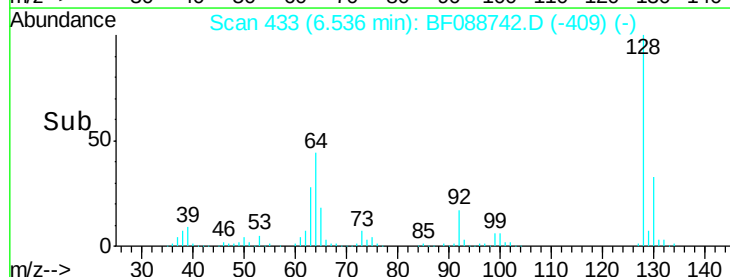
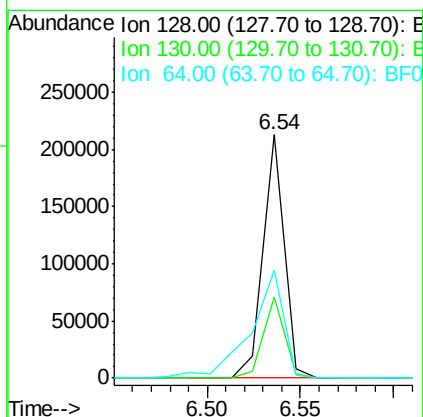
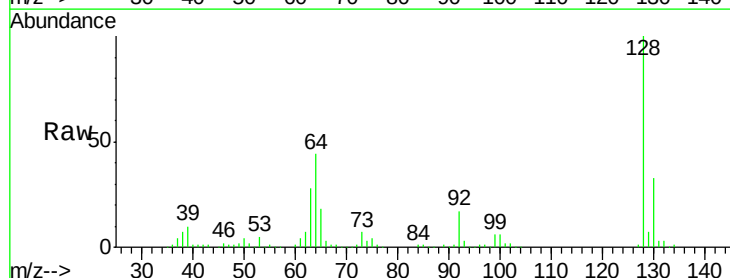
Tgt Ion: 128 Resp: 165529

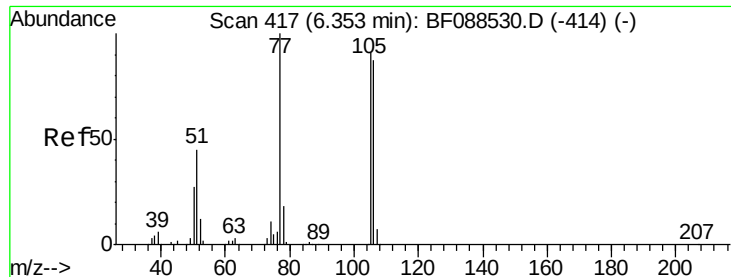
Ion Ratio Lower Upper

128 100

130 33.1 12.0 52.0

64 44.1 30.8 70.8





#9

Benzaldehyde

Concen: 21.41 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.03 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

Instrument :

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ClientSampleId :

SB-13-COMPMSD

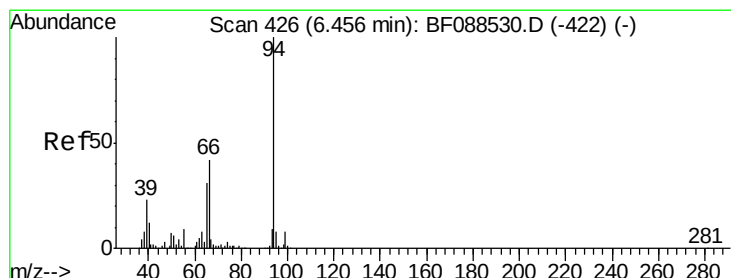
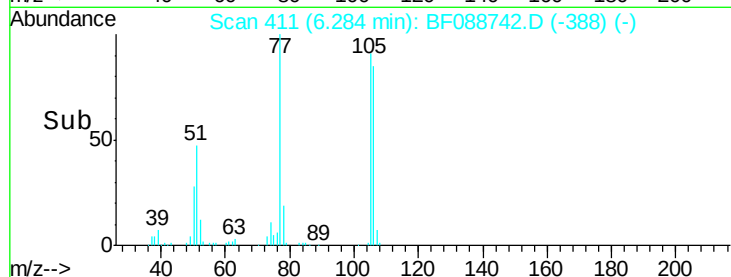
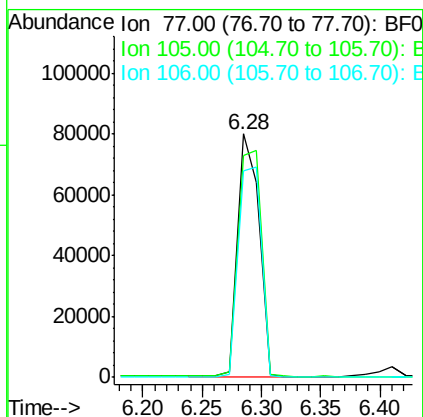
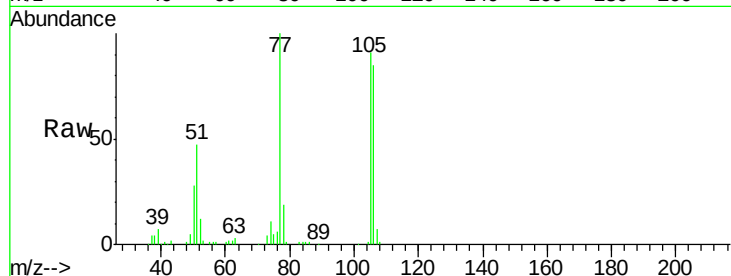
Tgt Ion: 77 Resp: 102310

Ion Ratio Lower Upper

77 100

105 90.9 90.6 130.6

106 84.7 85.3 125.3#



#10

Phenol

Concen: 29.42 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.02 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

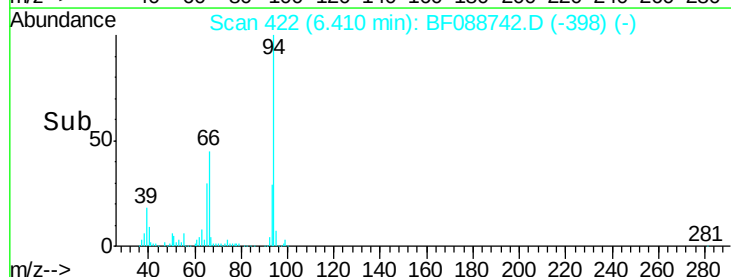
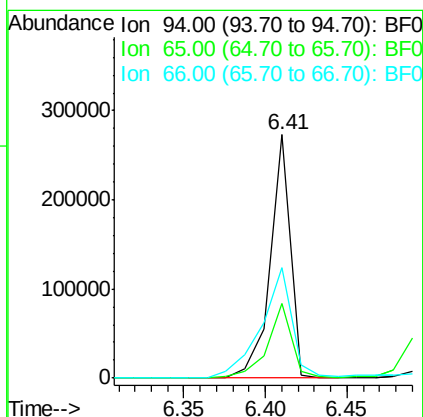
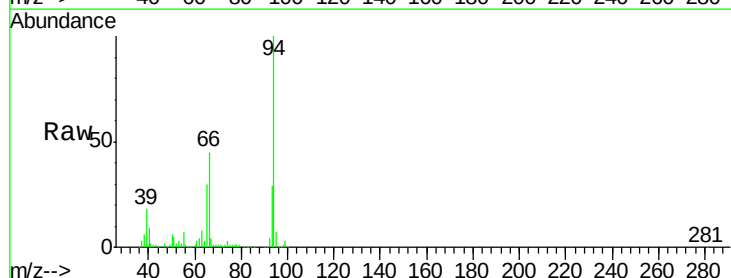
Tgt Ion: 94 Resp: 236870

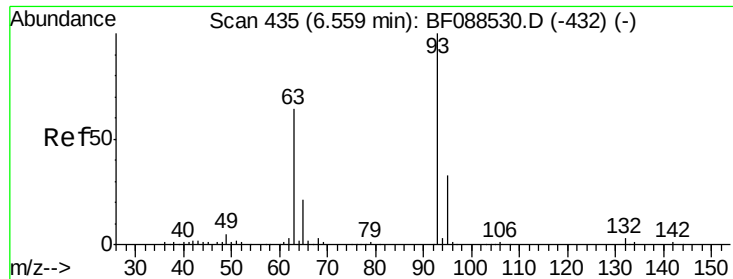
Ion Ratio Lower Upper

94 100

65 30.5 5.9 45.9

66 45.3 14.0 54.0

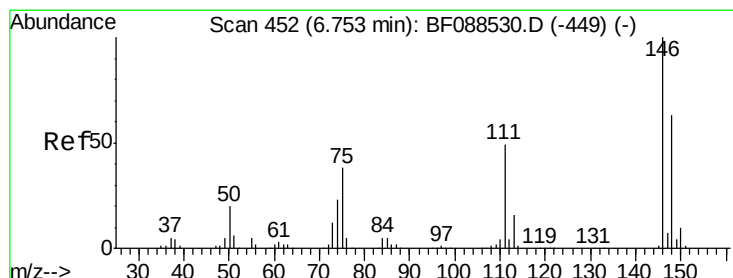
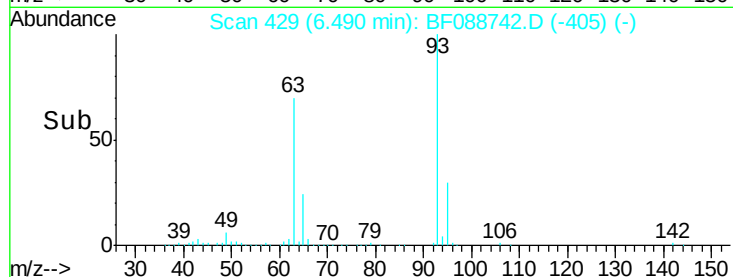
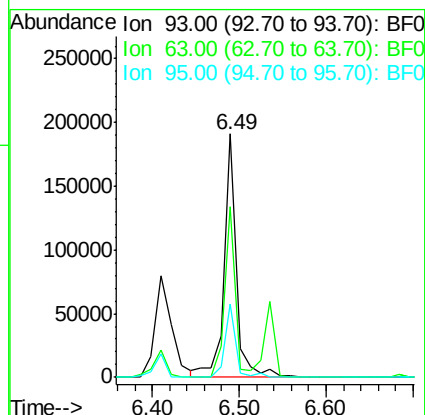
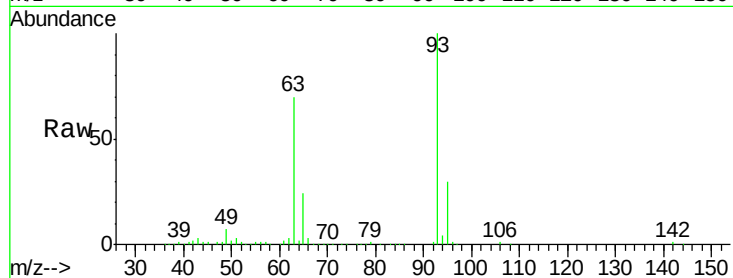




#11
 bis(2-Chloroethyl)ether
 Concen: 31.83 ng
 RT: 6.49 min Scan# 429
 Delta R.T. -0.02 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

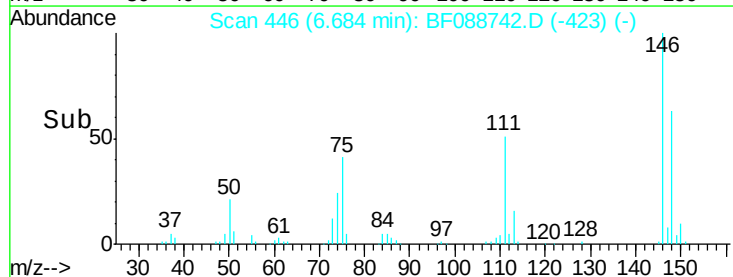
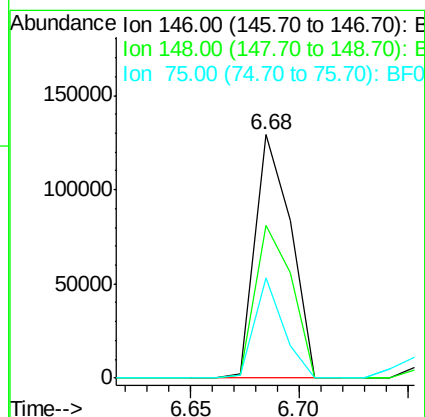
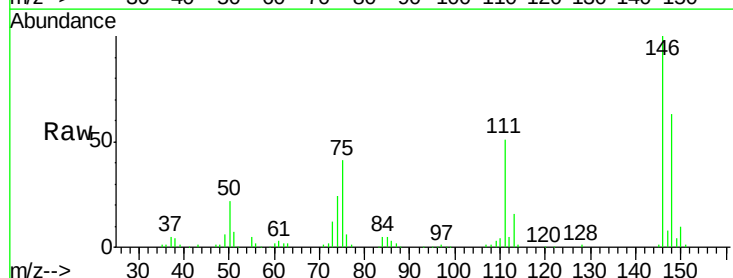
Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMSD

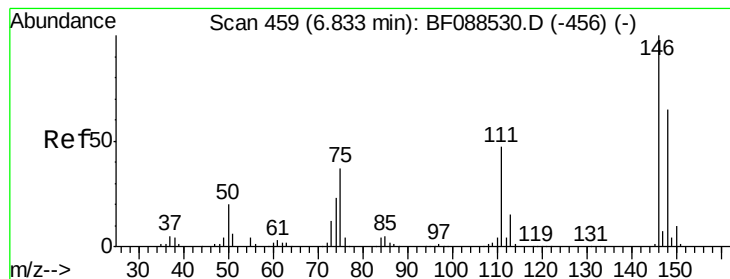
Tgt Ion: 93 Resp: 191075
 Ion Ratio Lower Upper
 93 100
 63 70.1 67.6 107.6
 95 30.0 12.5 52.5



#12
 1,3-Dichlorobenzene
 Concen: 22.91 ng
 RT: 6.68 min Scan# 446
 Delta R.T. -0.03 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

Tgt Ion: 146 Resp: 147949
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.9 76.3
 75 41.4 25.6 38.4#





#13

1,4-Dichlorobenzene

Concen: 24.41 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.03 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMSD

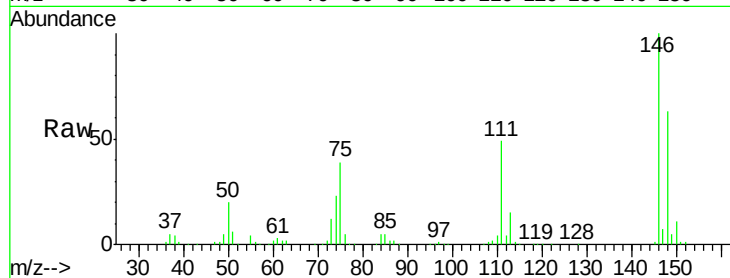
Tgt Ion:146 Resp: 156460

Ion Ratio Lower Upper

146 100

148 63.3 52.0 78.0

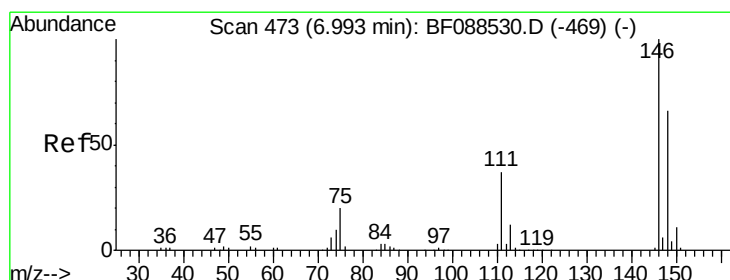
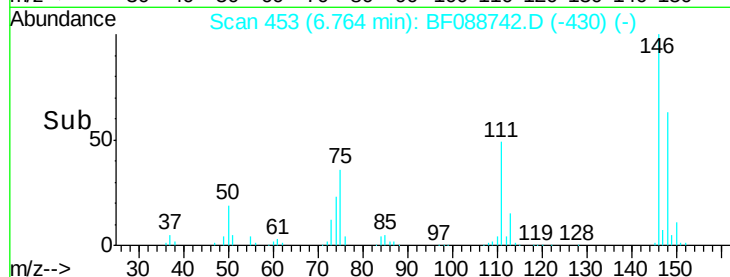
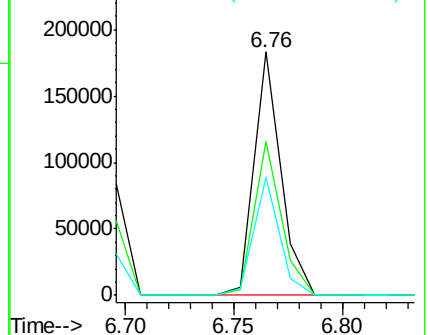
111 48.7 33.8 50.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 25.70 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.02 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

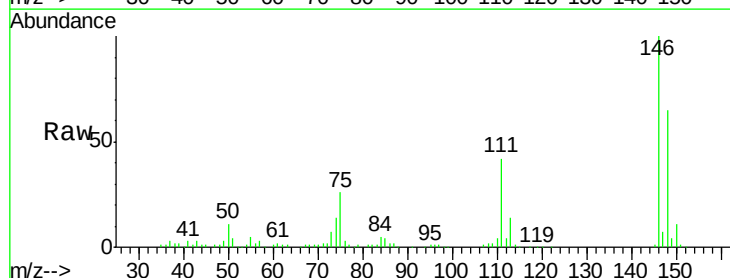
Tgt Ion:146 Resp: 154173

Ion Ratio Lower Upper

146 100

148 65.0 52.3 78.5

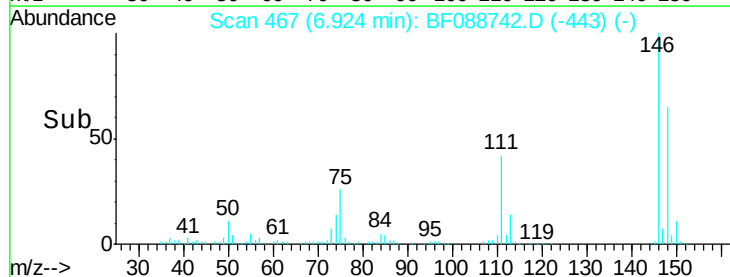
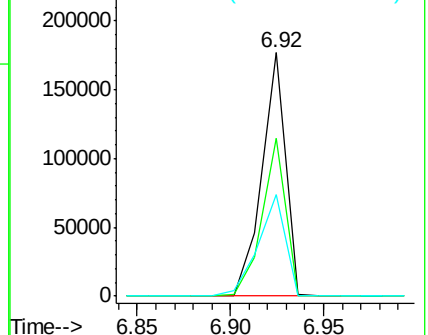
111 41.9 28.7 43.1

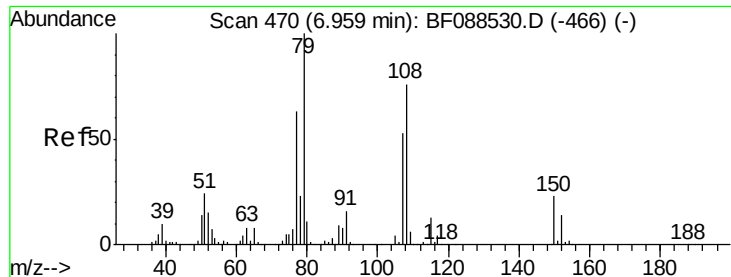


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 29.79 ng

RT: 6.90 min Scan# 465

Delta R.T. -0.02 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMSD

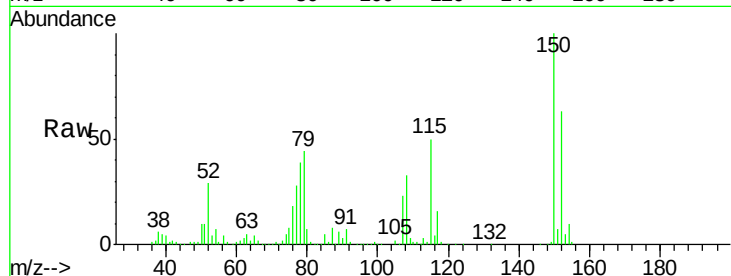
Tgt Ion: 79 Resp: 154662

Ion Ratio Lower Upper

79 100

108 74.0 65.0 97.6

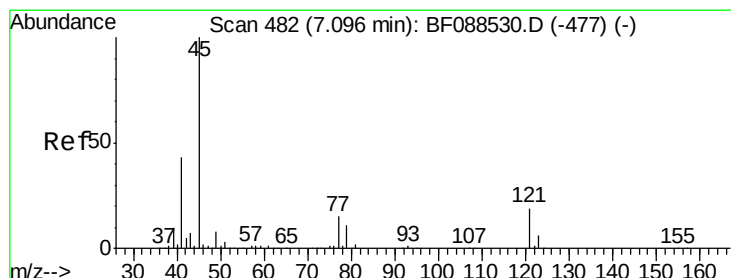
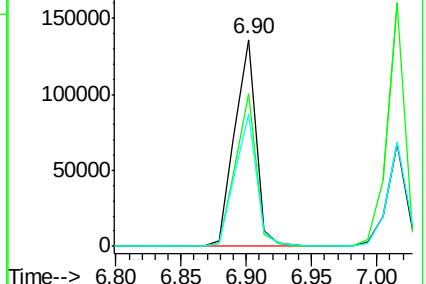
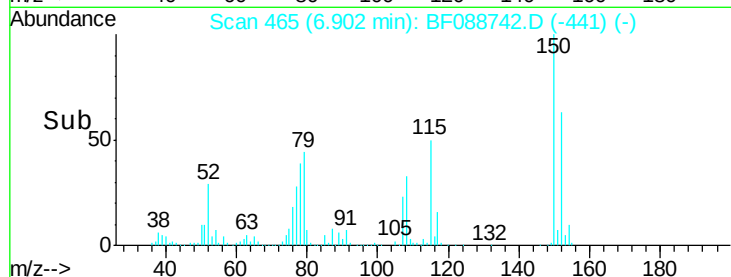
77 63.8 50.3 75.5



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: 21.21 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.02 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

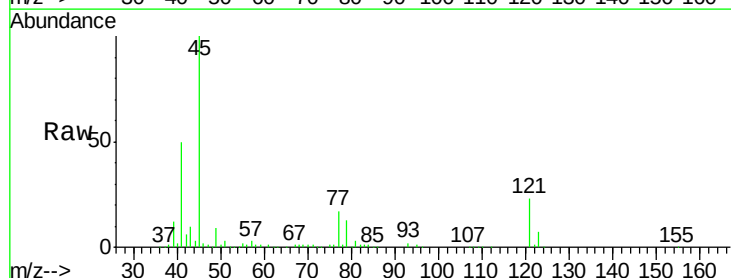
Tgt Ion: 45 Resp: 184442

Ion Ratio Lower Upper

45 100

77 16.6 0.0 32.5

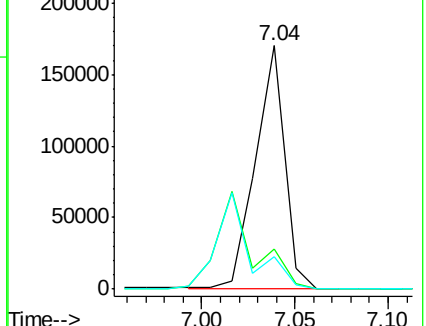
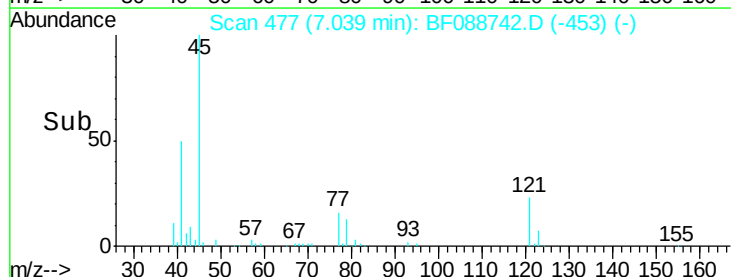
79 13.5 0.0 29.5

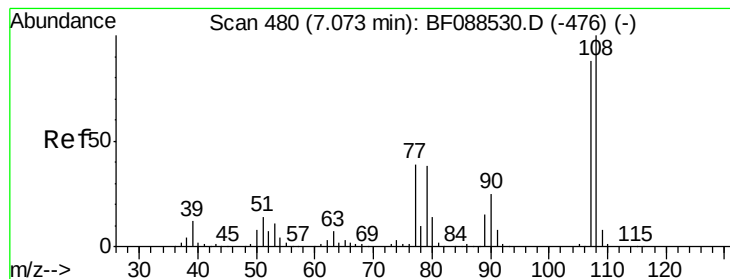


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 27.92 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.02 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMSD

Tgt Ion:107 Resp: 133647

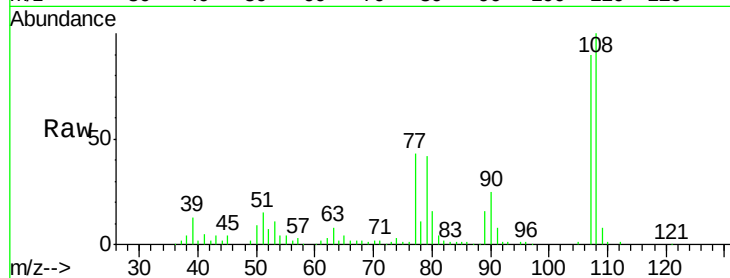
Ion Ratio Lower Upper

107 100

108 111.0 90.9 136.3

77 47.6 36.6 55.0

79 46.7 36.5 54.7

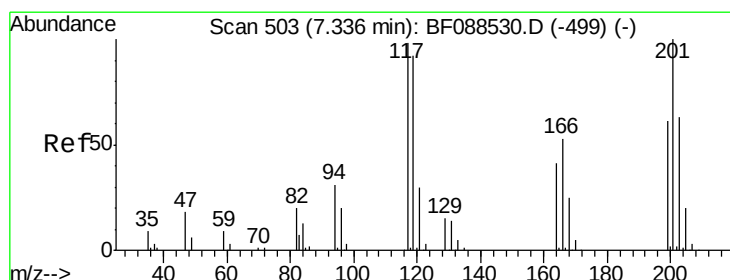
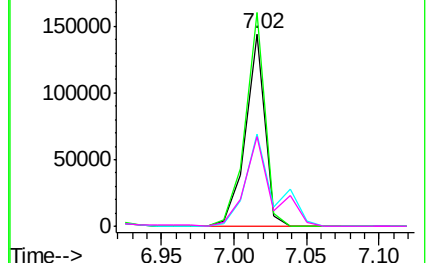
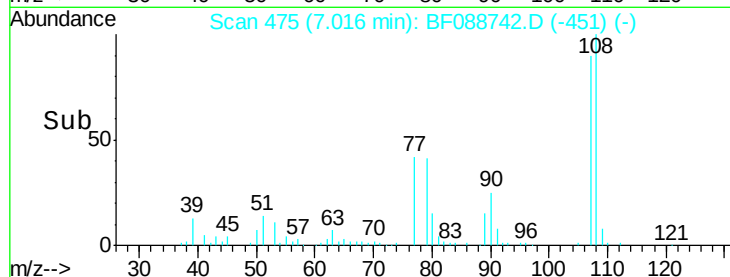


Abundance Ion 107.00 (106.70 to 107.70): E

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: 25.87 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

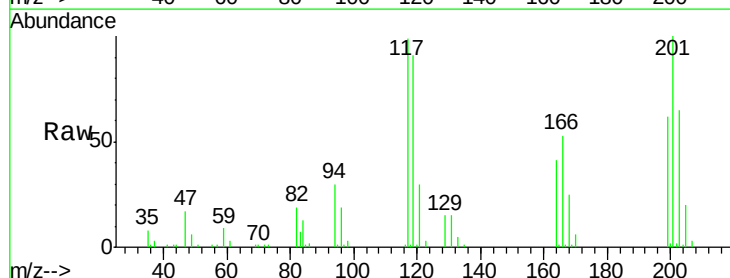
Tgt Ion:117 Resp: 64119

Ion Ratio Lower Upper

117 100

119 92.1 77.4 116.2

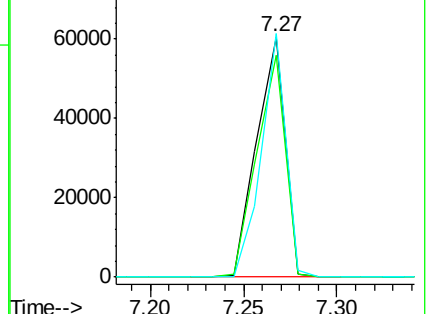
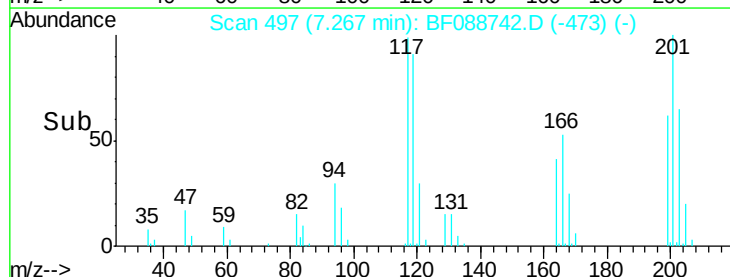
201 101.3 80.4 120.6

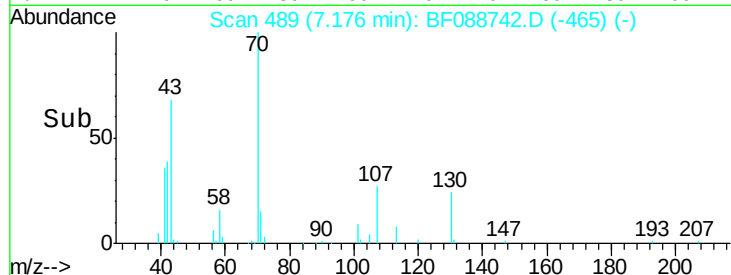
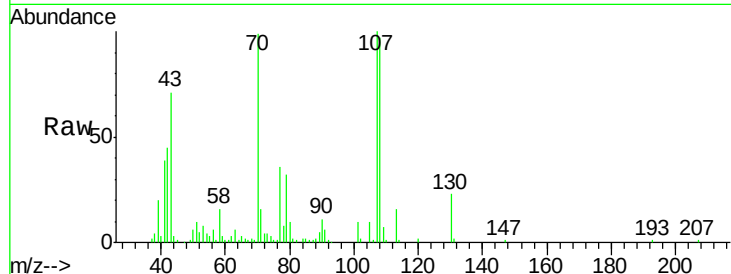
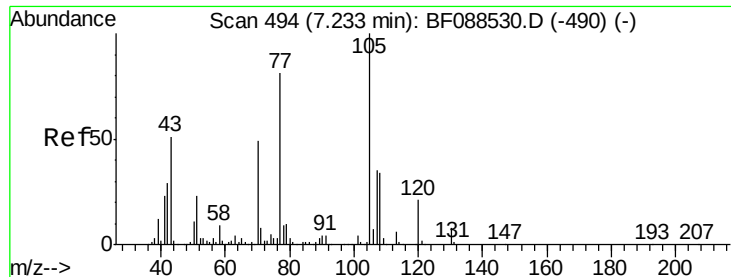


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

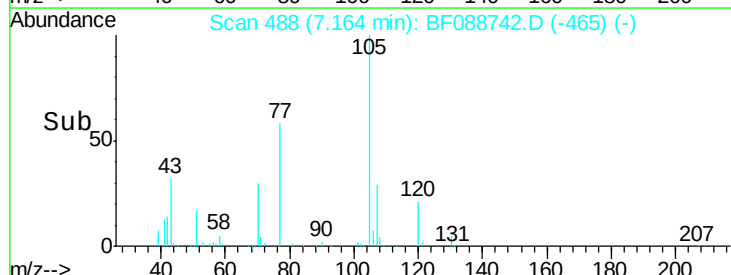
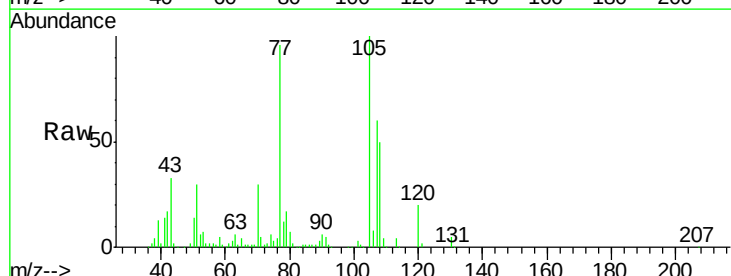
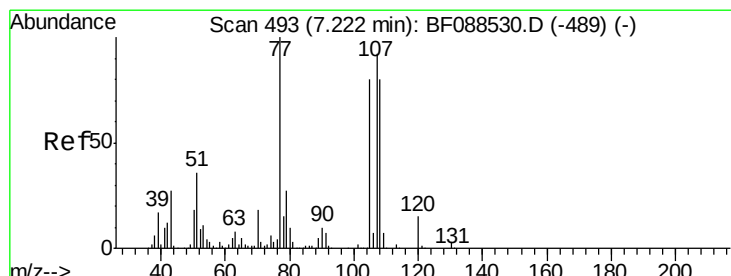
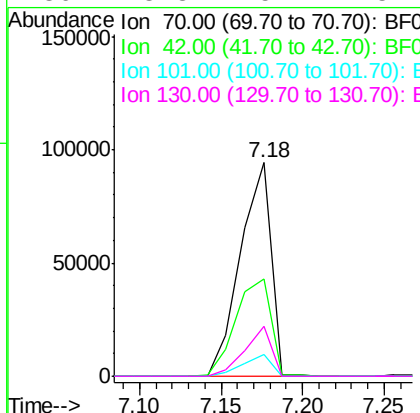




#19
n-Nitroso-di-n-propylamine
Concen: 25.86 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.02 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

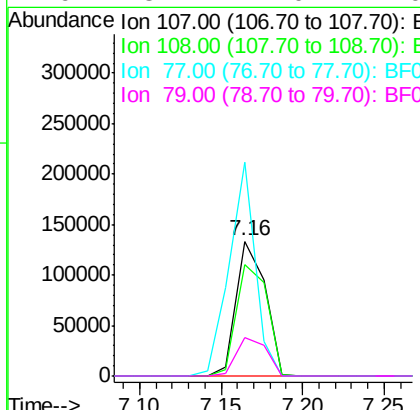
Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

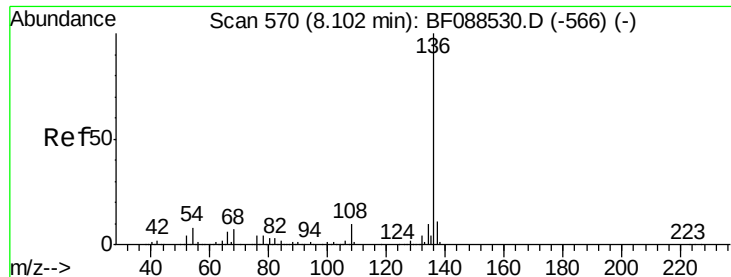
Tgt Ion: 70 Resp: 122546
Ion Ratio Lower Upper
70 100
42 45.4 49.6 74.4#
101 10.4 7.1 10.7
130 23.3 15.4 23.2#



#20
3+4-Methylphenols
Concen: 28.60 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.03 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Tgt Ion: 107 Resp: 164291
Ion Ratio Lower Upper
107 100
108 82.1 67.8 107.8
77 158.2 59.3 99.3#
79 28.4 7.0 47.0

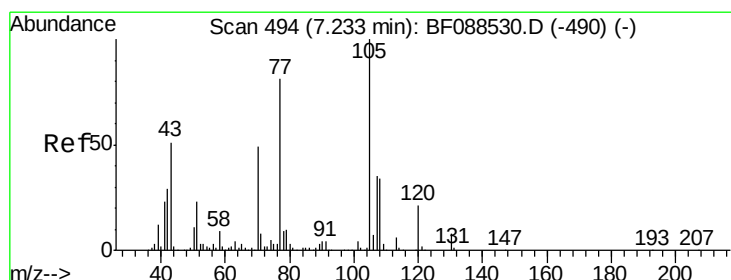
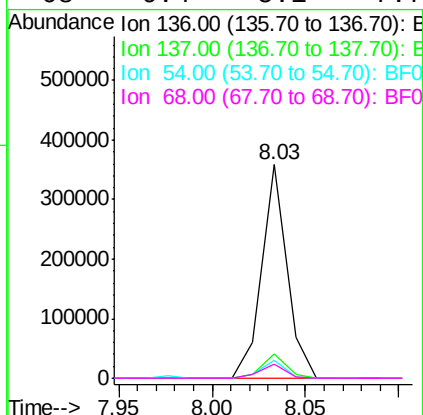
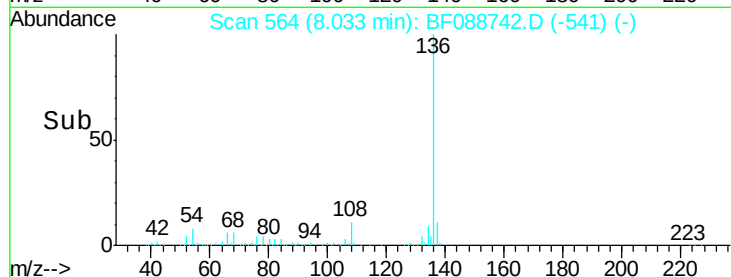
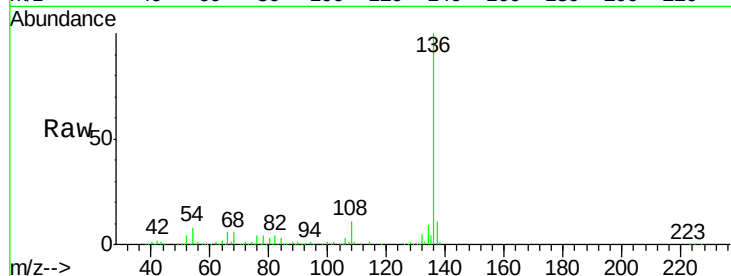




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.03 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

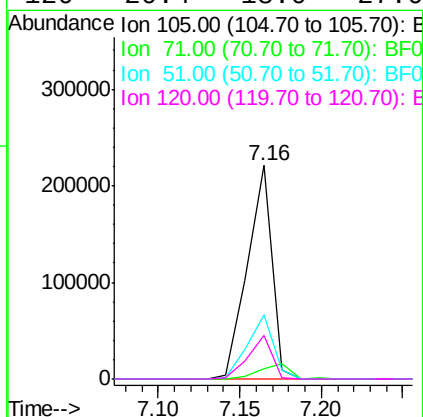
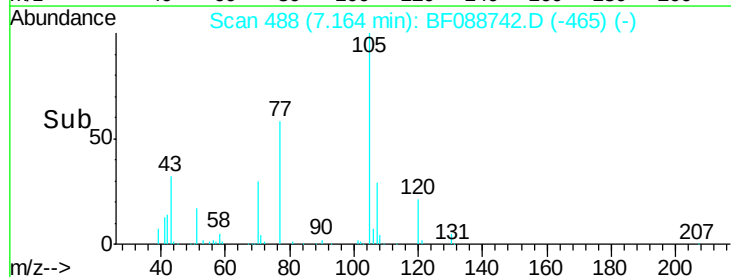
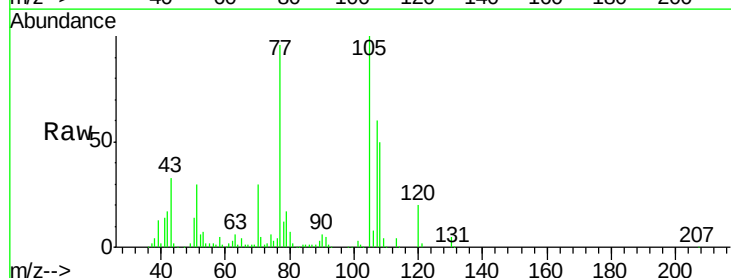
Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

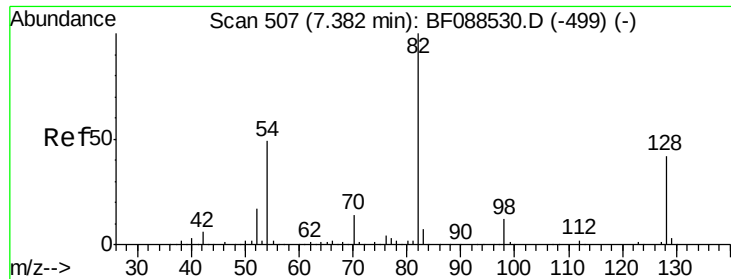
Tgt Ion:	136	Resp:	334983
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.1	6.6	10.0
68	6.4	5.1	7.7



#22
Acetophenone
Concen: 28.42 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.03 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Tgt Ion:	105	Resp:	231066
Ion	Ratio	Lower	Upper
105	100		
71	5.0	5.3	7.9#
51	29.9	18.2	27.4#
120	20.4	18.0	27.0

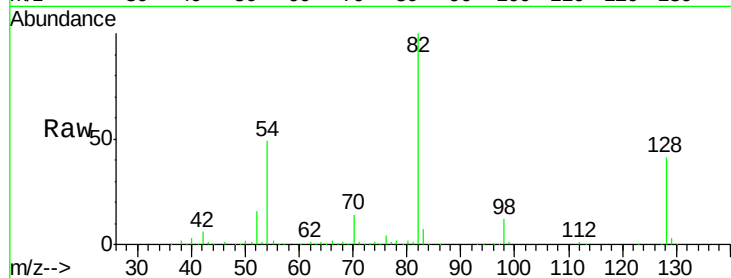




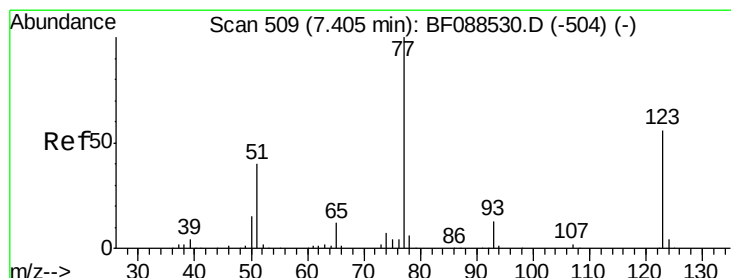
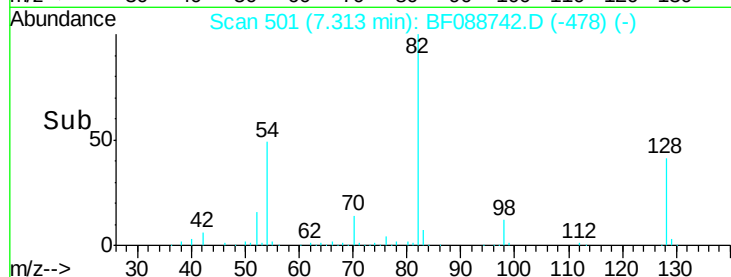
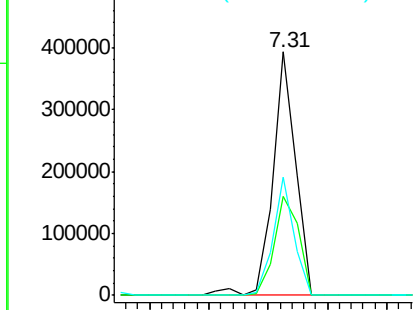
#23
 Nitrobenzene-d5
 Concen: 80.83 ng
 RT: 7.31 min Scan# 501
 Delta R.T. -0.03 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMSD

Tgt Ion: 82 Resp: 516656
 Ion Ratio Lower Upper
 82 100
 128 40.7 35.9 53.9
 54 48.6 40.9 61.3

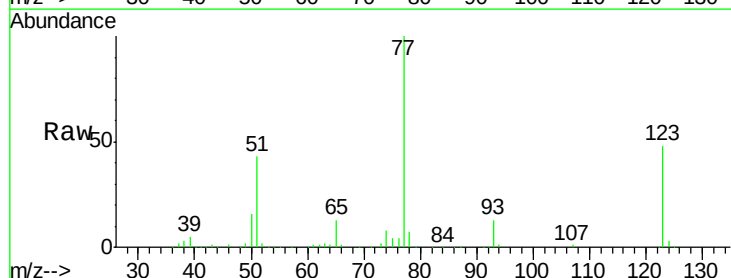


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

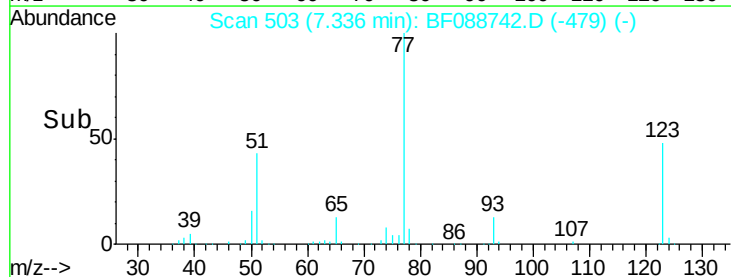
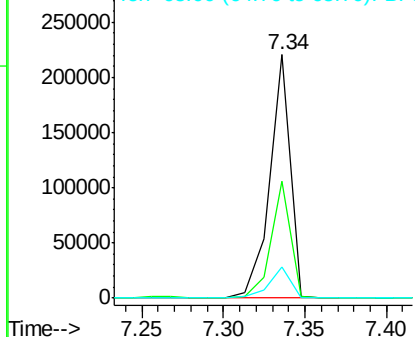


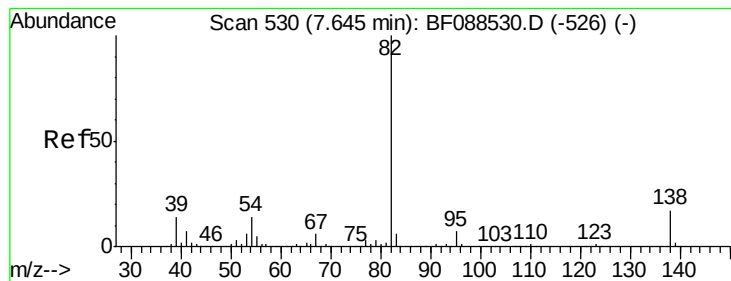
#24
 Nitrobenzene
 Concen: 29.94 ng
 RT: 7.34 min Scan# 503
 Delta R.T. -0.02 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

Tgt Ion: 77 Resp: 192966
 Ion Ratio Lower Upper
 77 100
 123 47.8 45.0 67.4
 65 12.7 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: 25.64 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMSD

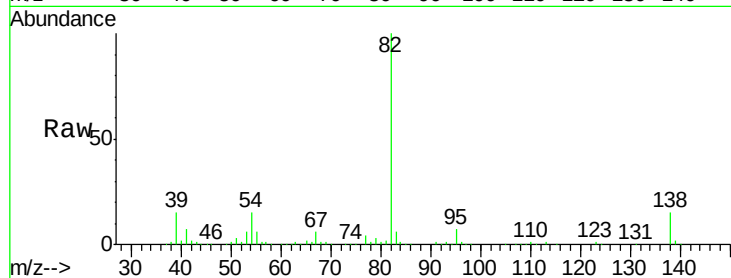
Tgt Ion: 82 Resp: 303557

Ion Ratio Lower Upper

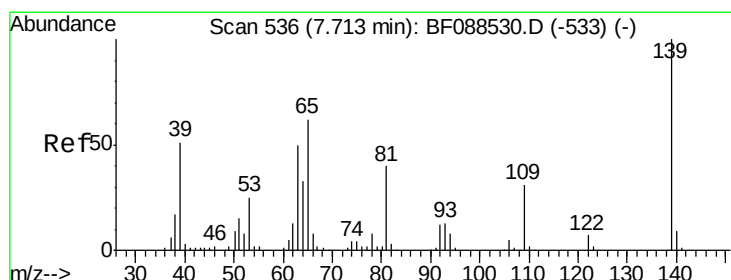
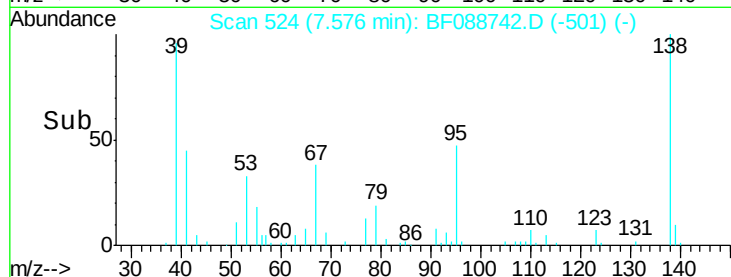
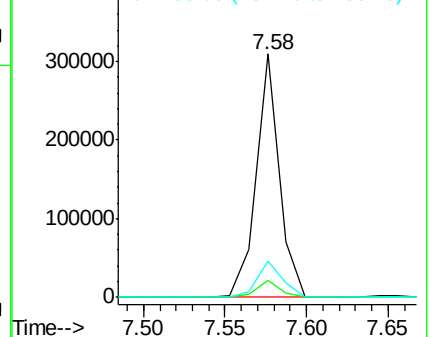
82 100

95 7.1 5.4 8.2

138 15.1 14.6 21.8



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



#26

2-Nitrophenol

Concen: 32.63 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

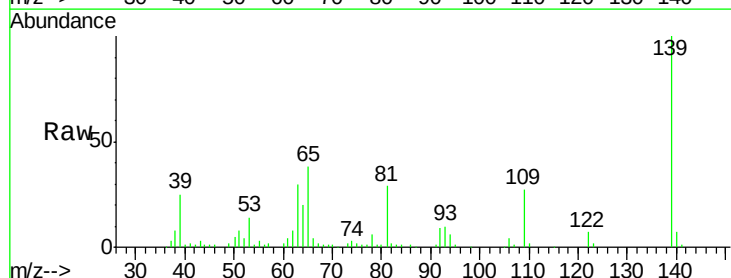
Tgt Ion: 139 Resp: 86225

Ion Ratio Lower Upper

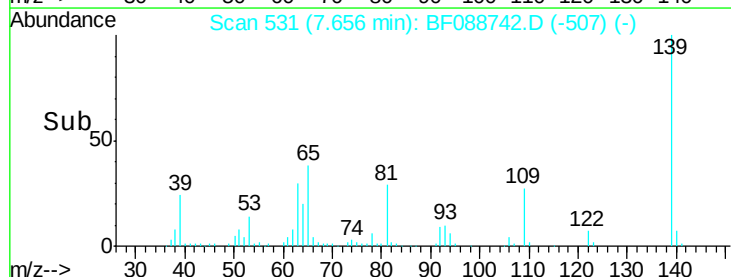
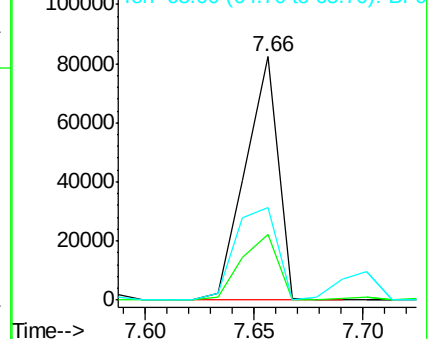
139 100

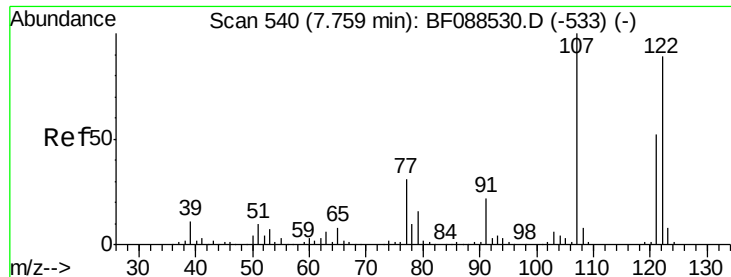
109 27.2 23.0 34.4

65 38.0 45.8 68.8#



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

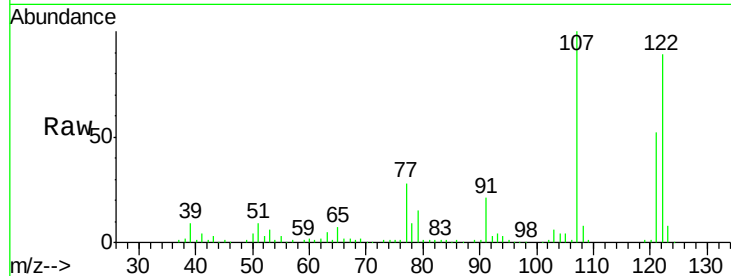




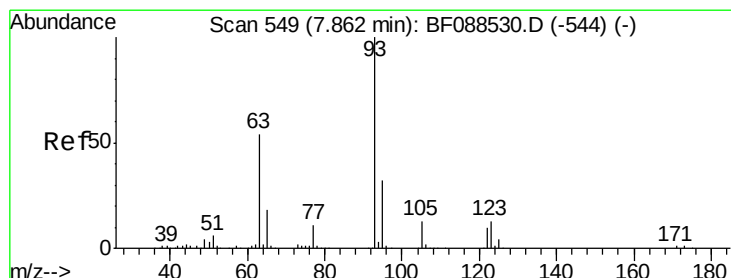
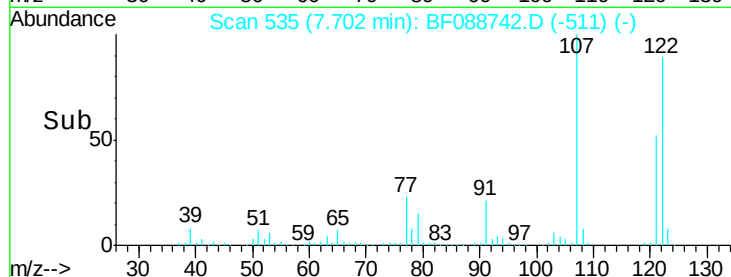
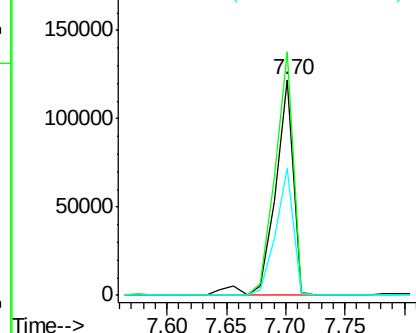
#27
2,4-Dimethylphenol
Concen: 23.97 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.02 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

Tgt Ion:122 Resp: 131961
Ion Ratio Lower Upper
122 100
107 112.8 82.4 123.6
121 59.1 46.3 69.5

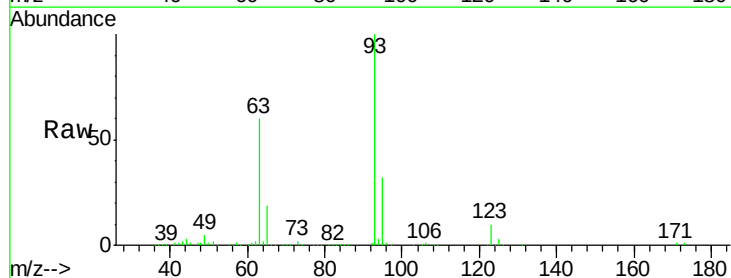


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

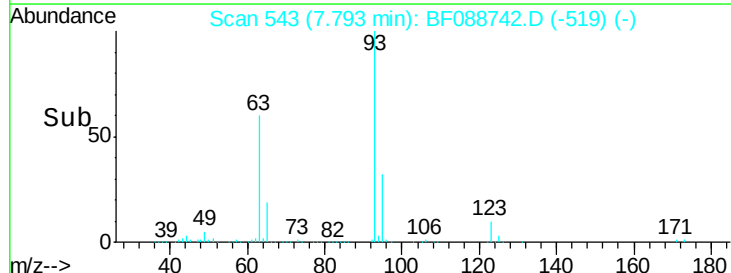
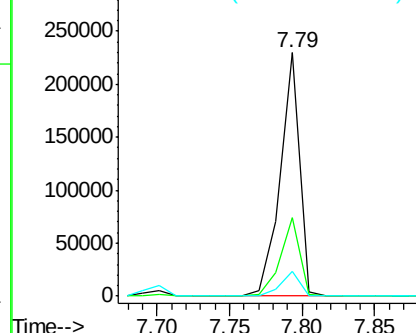


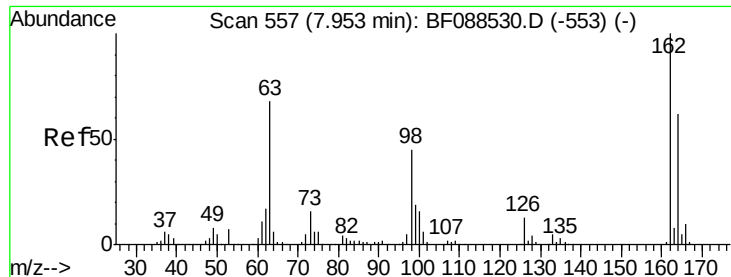
#28
bis(2-Chloroethoxy)methane
Concen: 27.56 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.02 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Tgt Ion: 93 Resp: 212370
Ion Ratio Lower Upper
93 100
95 32.1 26.5 39.7
123 10.2 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

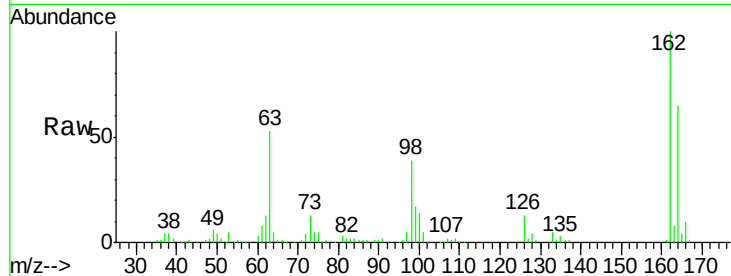




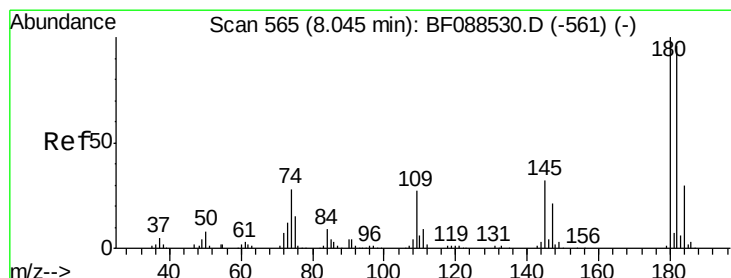
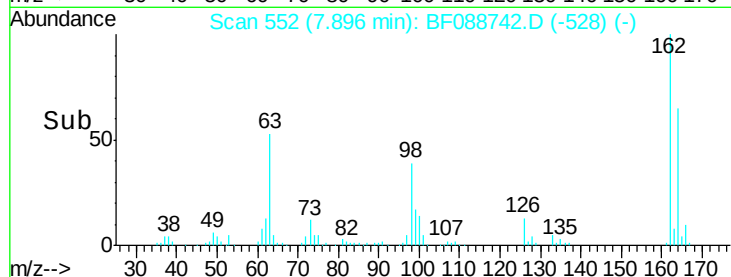
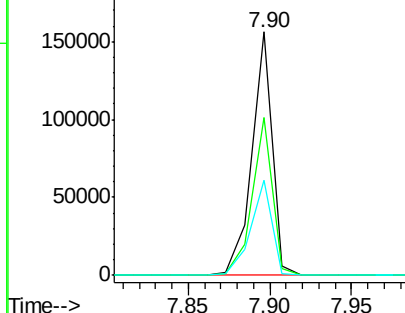
#29
 2,4-Dichlorophenol
 Concen: 30.43 ng
 RT: 7.90 min Scan# 552
 Delta R.T. -0.02 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.8	43.8	83.8
98	38.9	21.3	61.3

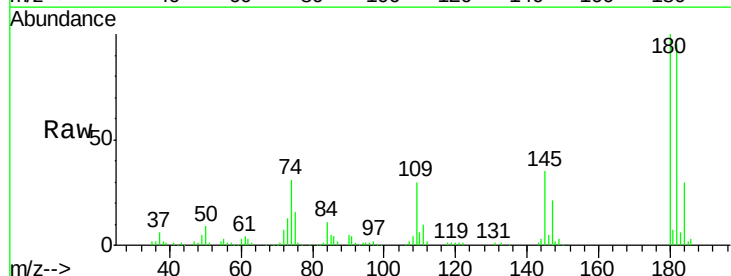


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

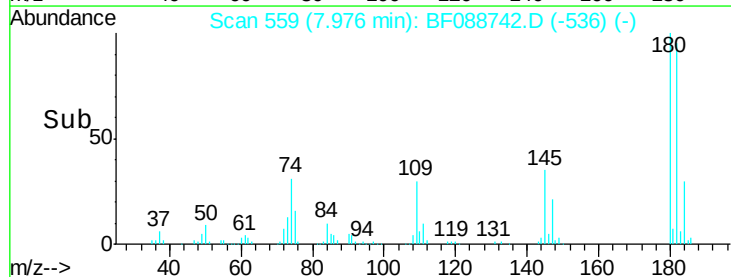
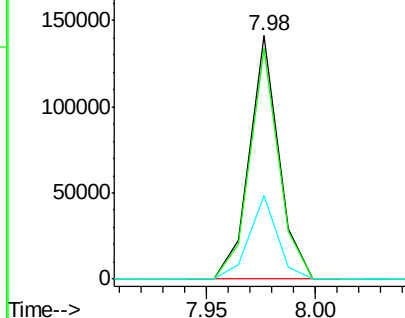


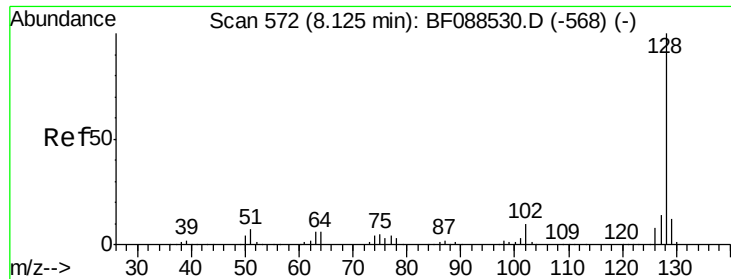
#30
 1,2,4-Trichlorobenzene
 Concen: 27.05 ng
 RT: 7.98 min Scan# 559
 Delta R.T. -0.03 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.0	114.0
145	34.5	26.5	39.7



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

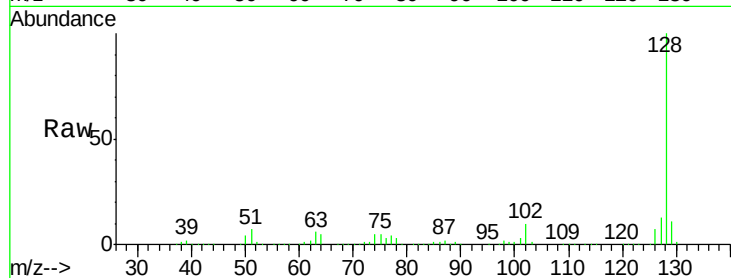




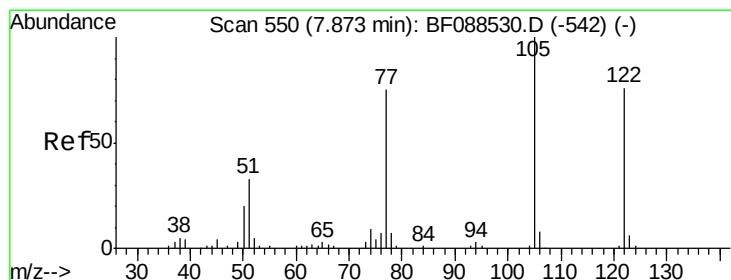
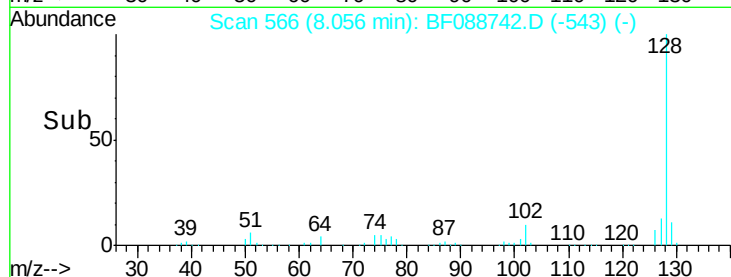
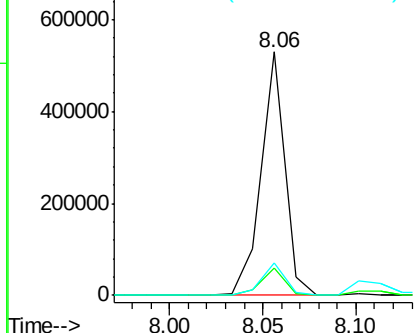
#31
Naphthalene
Concen: 28.00 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.03 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

Tgt Ion:128 Resp: 462325
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 13.3 10.9 16.3

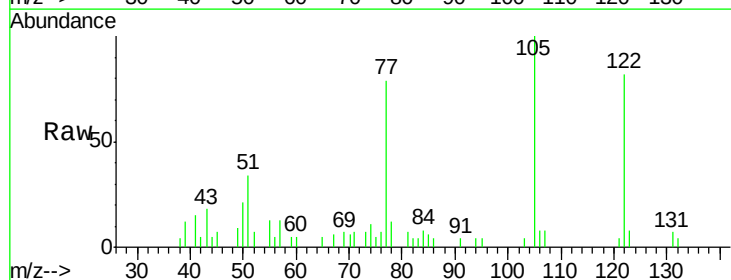


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

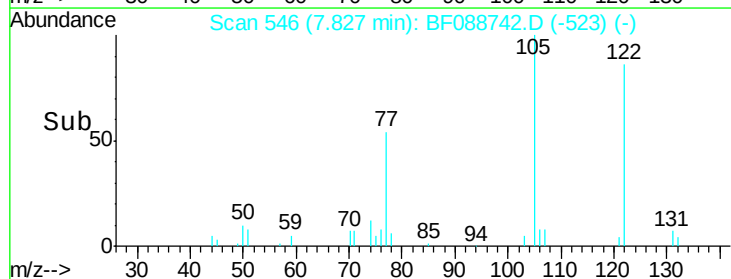
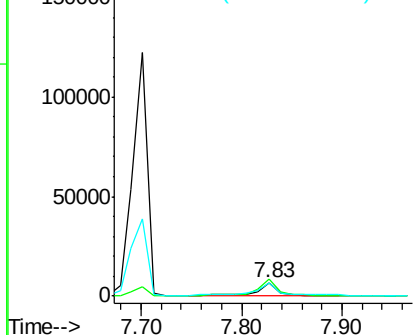


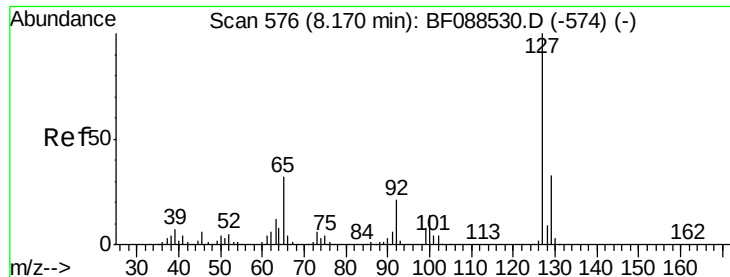
#32
Benzoic acid
Concen: 2.67 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.03 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Tgt Ion:122 Resp: 10674
Ion Ratio Lower Upper
122 100
105 121.5 101.6 141.6
77 95.6 70.6 110.6



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

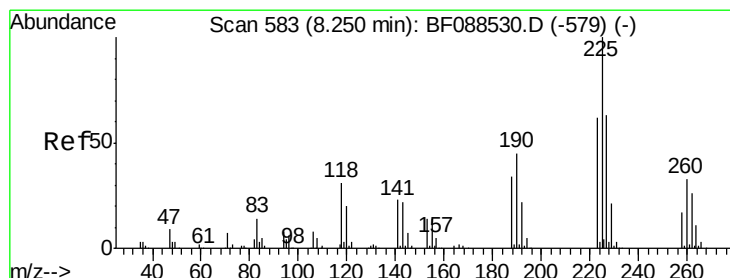
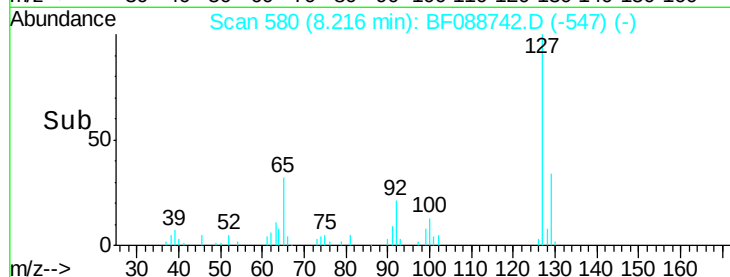
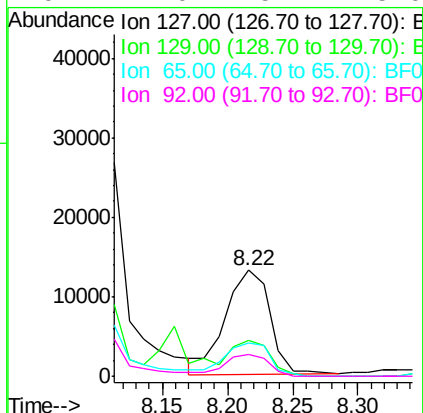
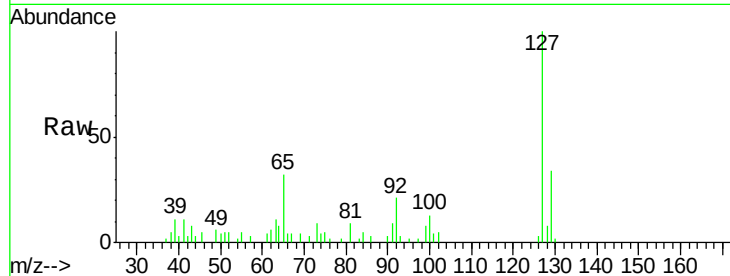




#33
4-Chloroaniline
Concen: 4.26 ng
RT: 8.22 min Scan# 580
Delta R.T. 0.08 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

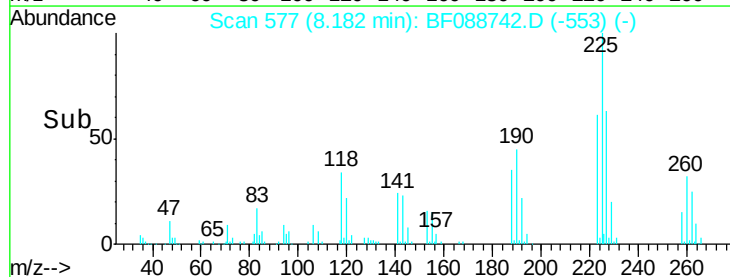
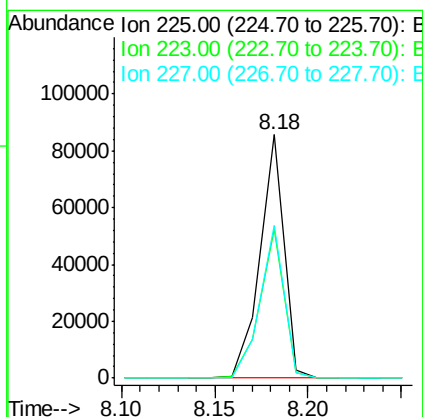
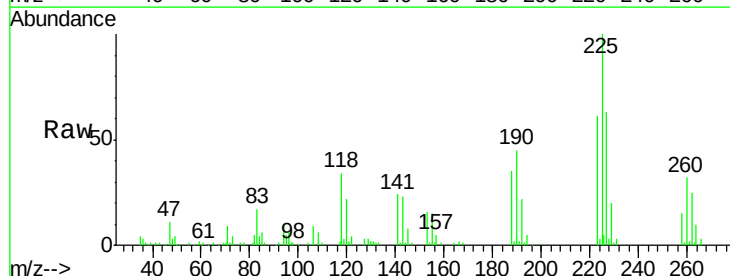
Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

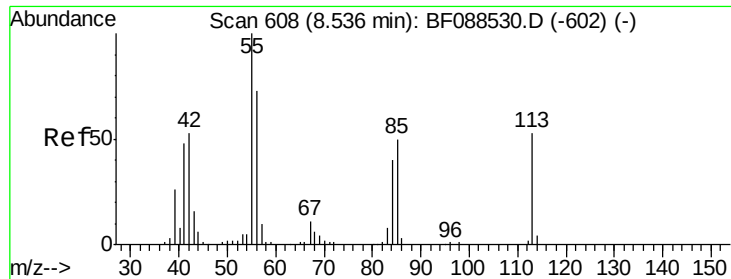
Tgt Ion:	127	Resp:	31294
Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.3	39.5
65	31.8	24.7	37.1
92	21.0	15.4	23.0



#34
Hexachlorobutadiene
Concen: 29.03 ng
RT: 8.18 min Scan# 577
Delta R.T. -0.02 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Tgt Ion:	225	Resp:	75885
Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.9	76.3
227	62.9	51.9	77.9

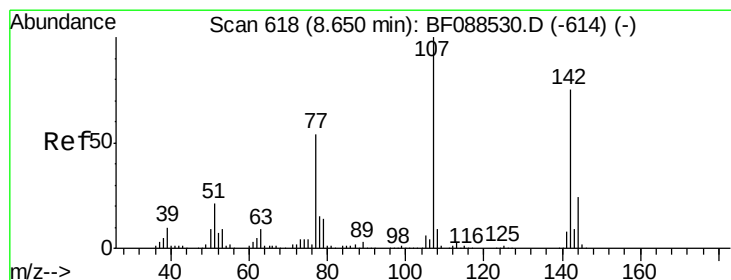
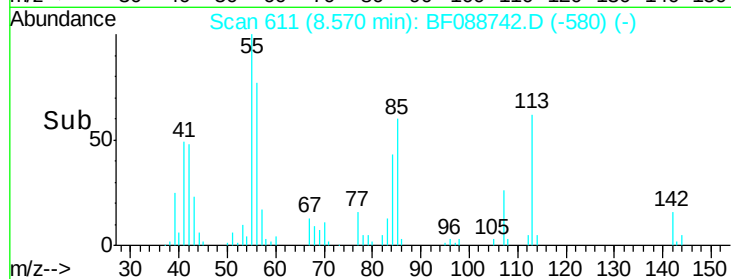
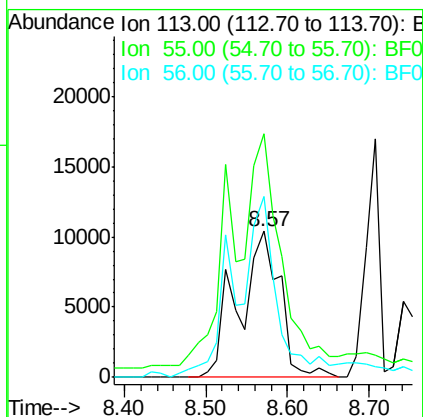
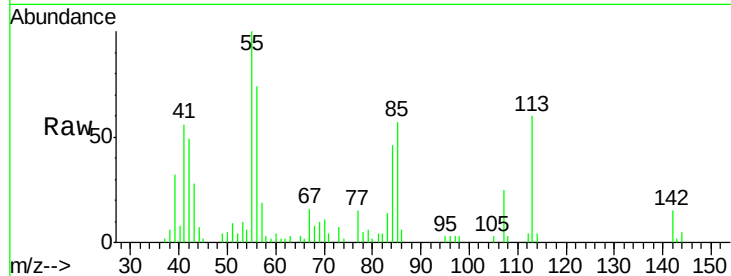




#35
 Caprolactam
 Concen: 24.15 ng
 RT: 8.57 min Scan# 611
 Delta R.T. 0.06 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

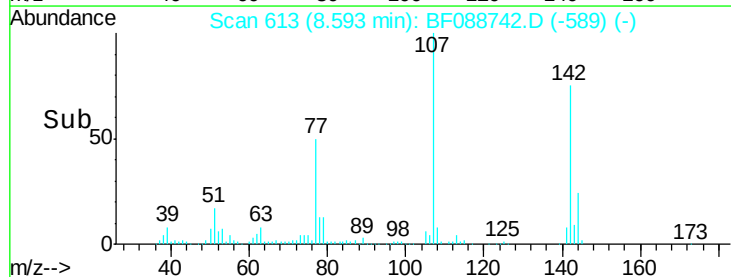
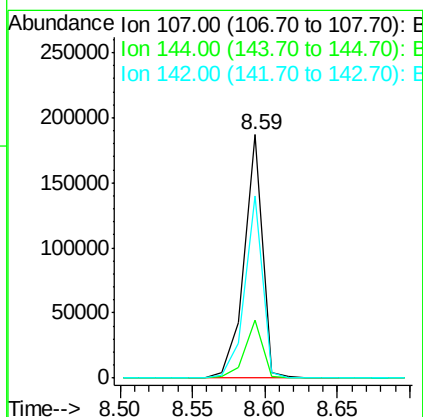
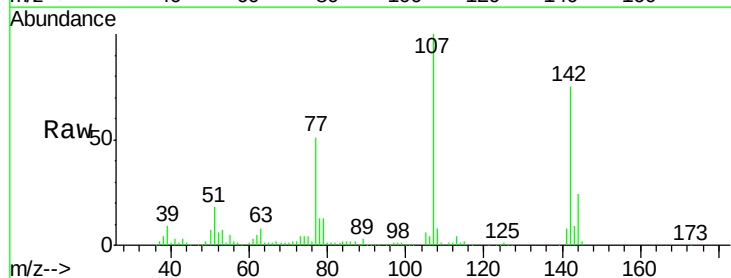
Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMSD

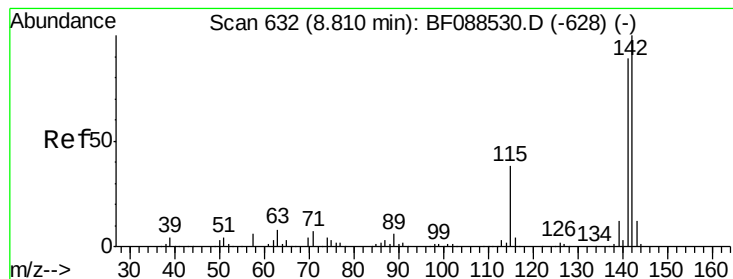
Tgt Ion:113 Resp: 36485
 Ion Ratio Lower Upper
 113 100
 55 166.6 158.6 198.6
 56 123.6 110.6 150.6



#36
 4-Chloro-3-methylphenol
 Concen: 31.27 ng
 RT: 8.59 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

Tgt Ion:107 Resp: 164480
 Ion Ratio Lower Upper
 107 100
 144 24.0 20.8 31.2
 142 75.0 63.4 95.2

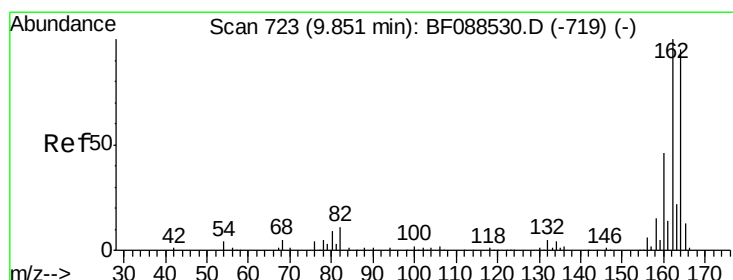
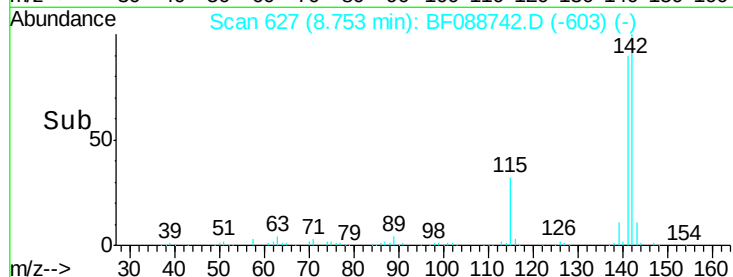
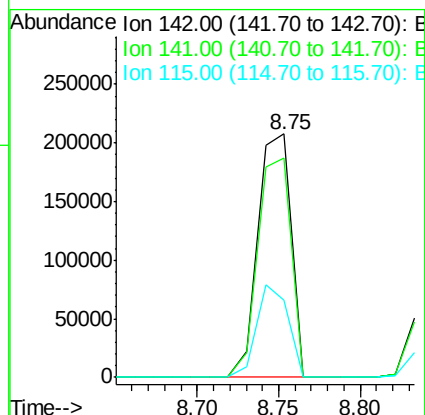
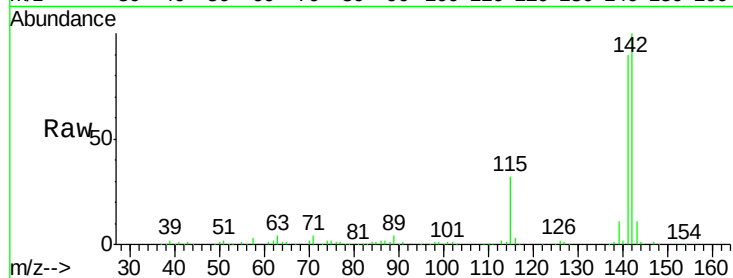




#37
 2-Methylnaphthalene
 Concen: 27.69 ng
 RT: 8.75 min Scan# 627
 Delta R.T. -0.02 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

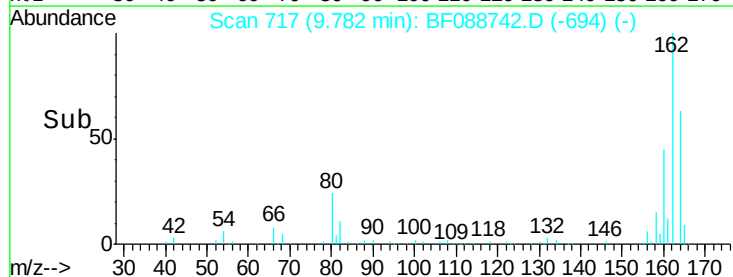
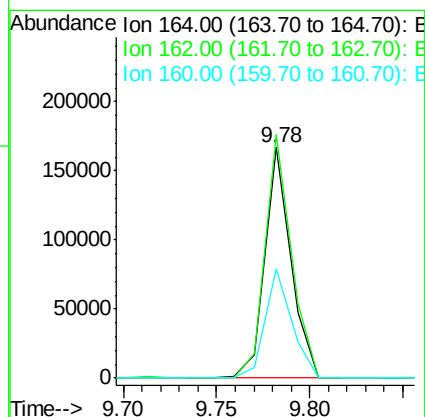
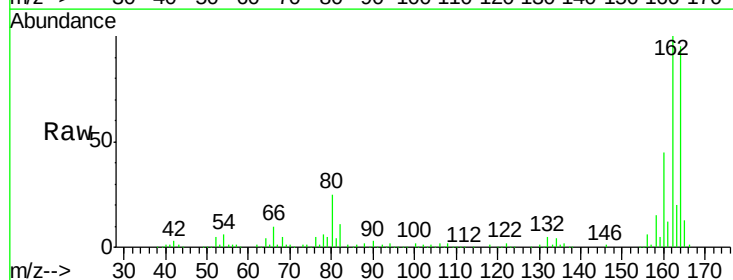
Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMSD

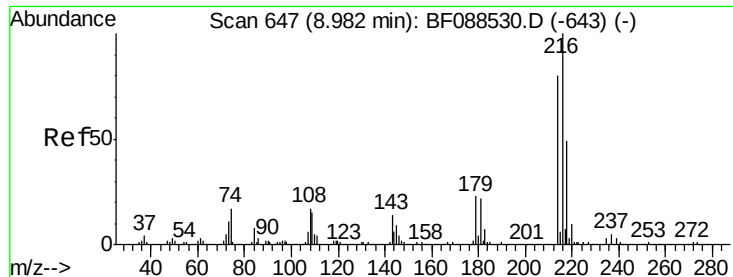
Tgt Ion:142 Resp: 294472
 Ion Ratio Lower Upper
 142 100
 141 90.2 71.0 106.6
 115 31.8 22.6 33.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.03 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

Tgt Ion:164 Resp: 159206
 Ion Ratio Lower Upper
 164 100
 162 105.6 85.4 128.2
 160 47.5 39.5 59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 22.62 ng

RT: 8.91 min Scan# 641

Delta R.T. -0.03 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMSD

Tgt Ion:216 Resp: 119794

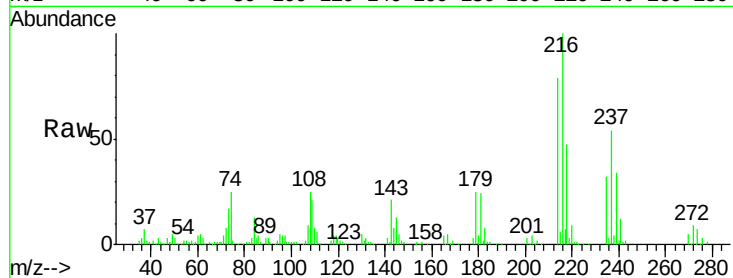
Ion Ratio Lower Upper

216 100

214 78.3 2.9 4.3#

179 23.5 0.0 0.0#

108 28.3 0.5 0.7#

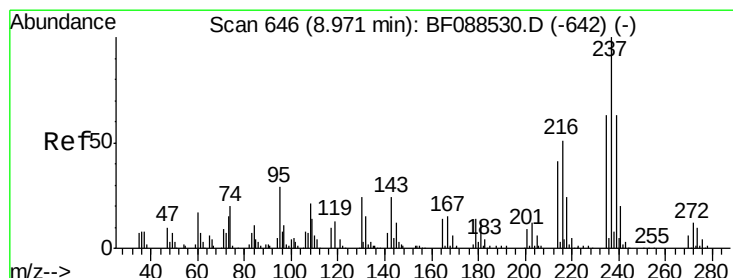
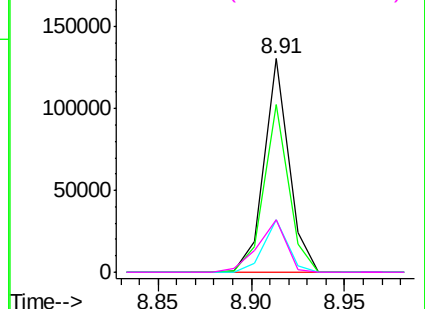
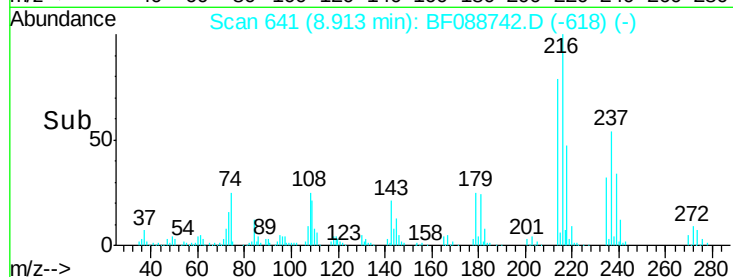


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 67.56 ng

RT: 8.90 min Scan# 640

Delta R.T. -0.03 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

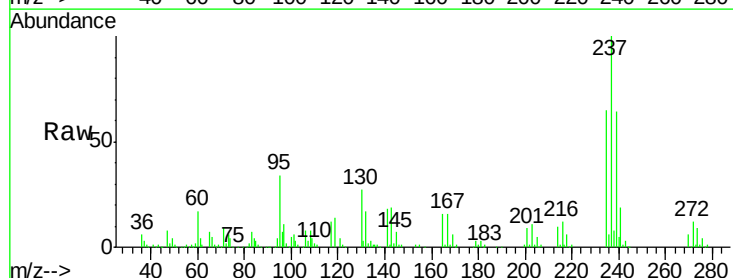
Tgt Ion:237 Resp: 175595

Ion Ratio Lower Upper

237 100

235 65.1 43.4 83.4

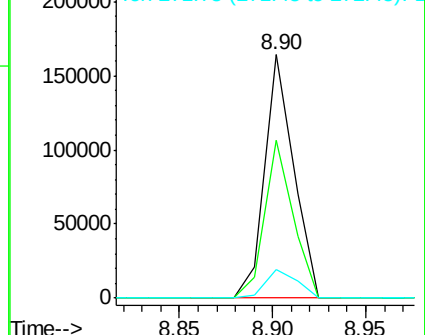
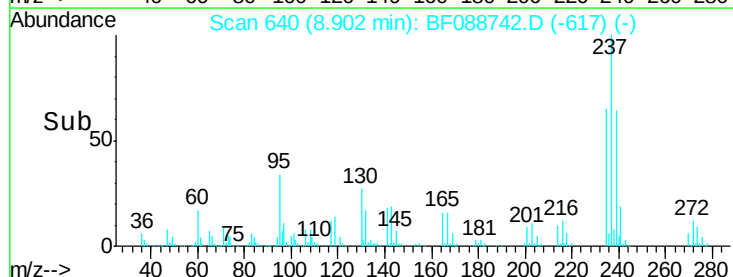
272 11.7 0.0 32.3

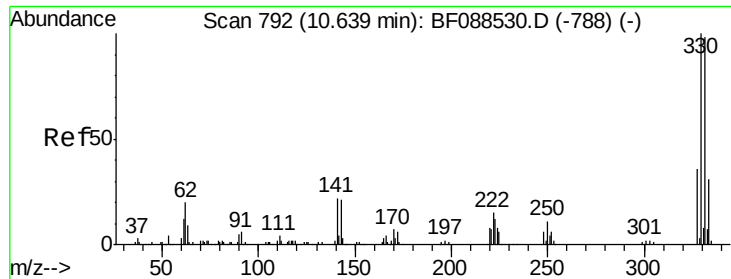


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

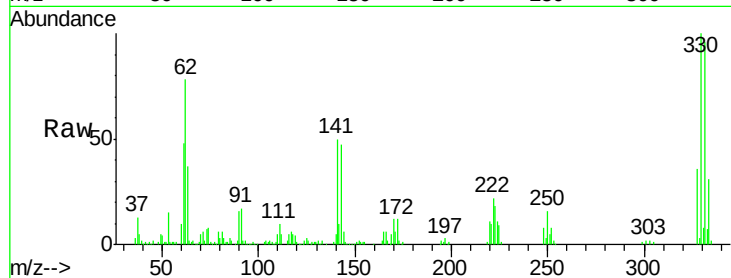




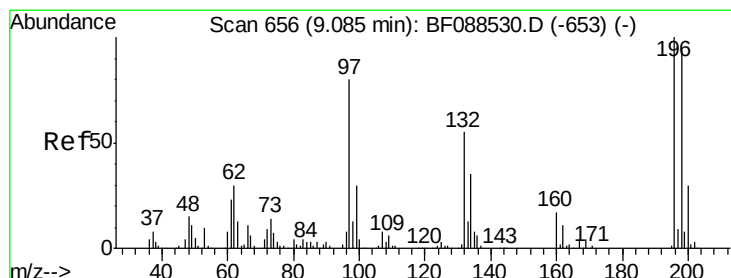
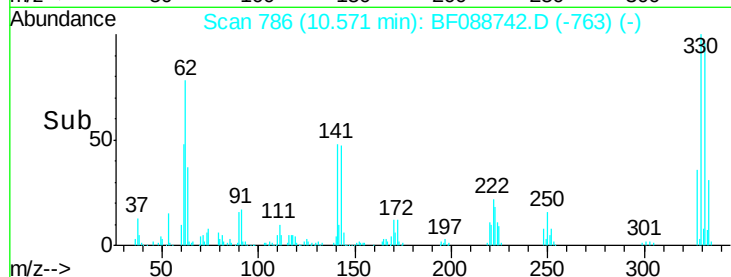
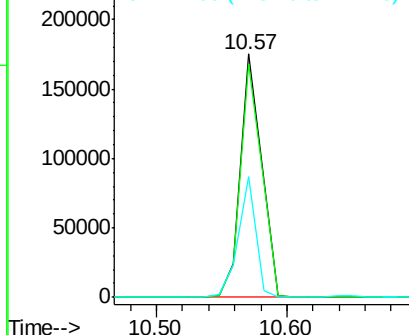
#41
 2,4,6-Tribromophenol
 Concen: 133.42 ng
 RT: 10.57 min Scan# 786
 Delta R.T. -0.03 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMSD

Tgt Ion:330 Resp: 197246
 Ion Ratio Lower Upper
 330 100
 332 97.1 0.0 0.0#
 141 41.1 0.0 0.0#

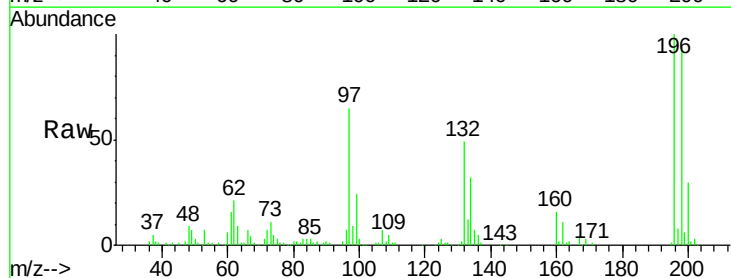


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

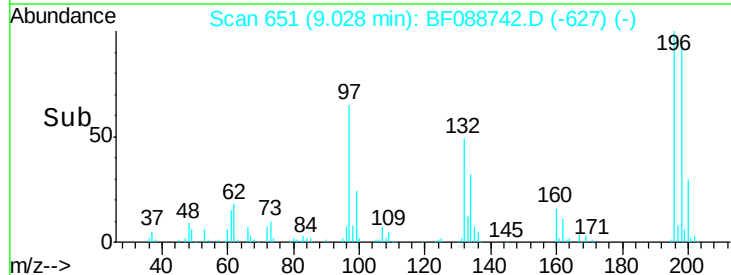
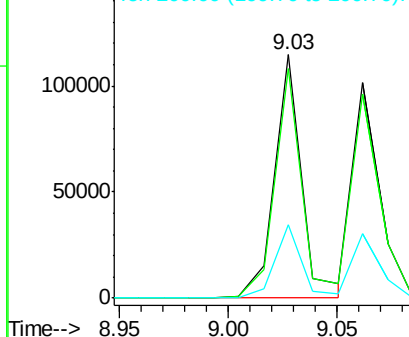


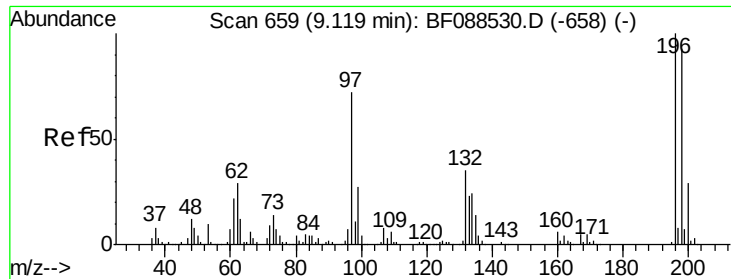
#42
 2,4,6-Trichlorophenol
 Concen: 28.83 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

Tgt Ion:196 Resp: 100665
 Ion Ratio Lower Upper
 196 100
 198 94.4 78.0 117.0
 200 30.4 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

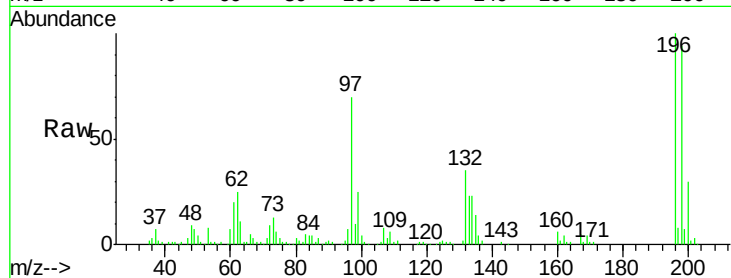




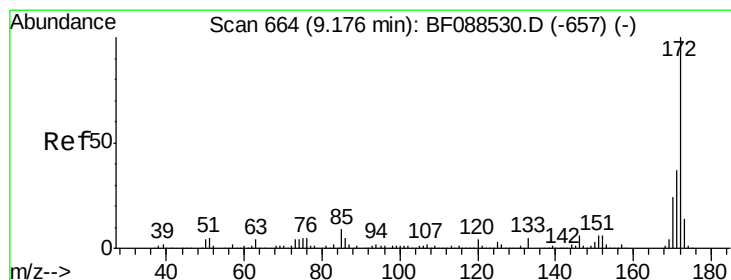
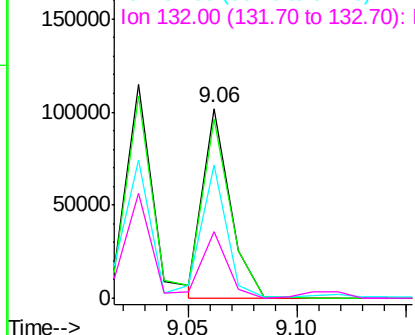
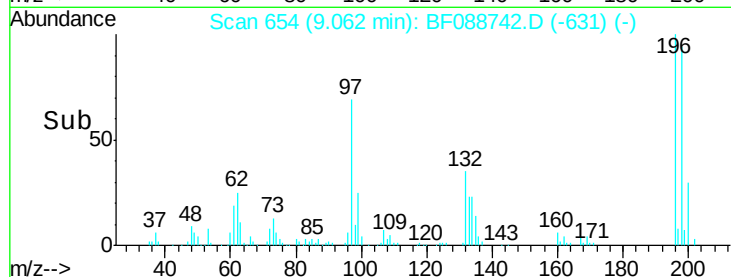
#43
 2,4,5-Trichlorophenol
 Concen: 29.29 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.03 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMSD

Tgt Ion:196 Resp: 87974
 Ion Ratio Lower Upper
 196 100
 198 94.2 77.5 116.3
 97 70.2 32.0 48.0#
 132 35.0 20.9 31.3#

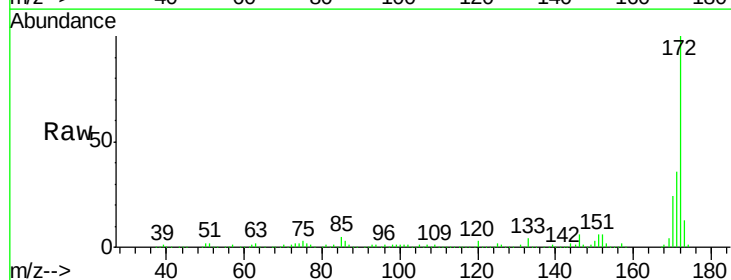


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

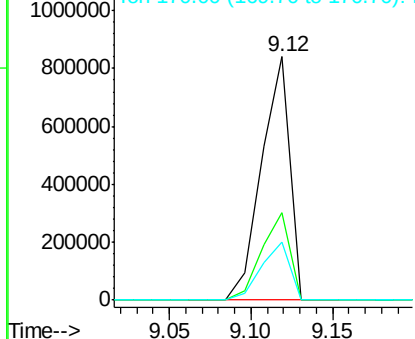
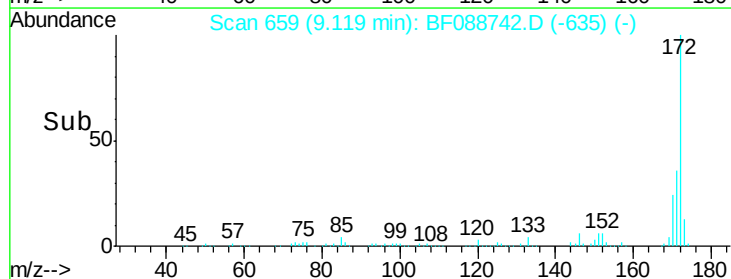


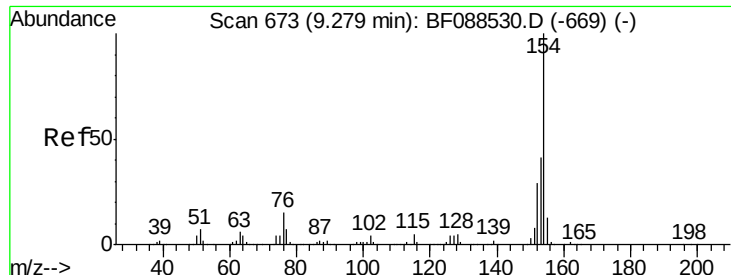
#44
 2-Fluorobiphenyl
 Concen: 100.14 ng
 RT: 9.12 min Scan# 659
 Delta R.T. -0.02 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

Tgt Ion:172 Resp: 1009360
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 24.0 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: 27.72 ng

RT: 9.21 min Scan# 667

Delta R.T. -0.03 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMSD

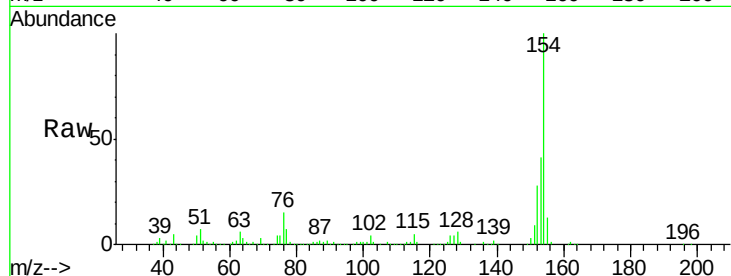
Tgt Ion:154 Resp: 365490

Ion Ratio Lower Upper

154 100

153 41.0 20.6 60.6

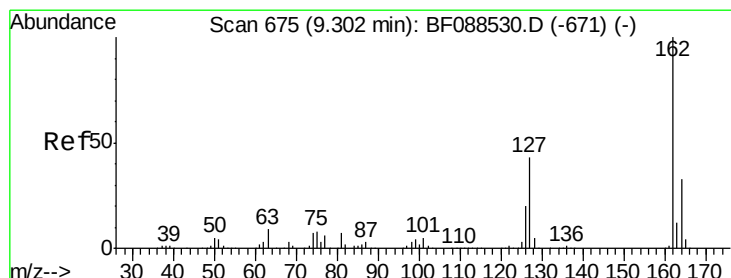
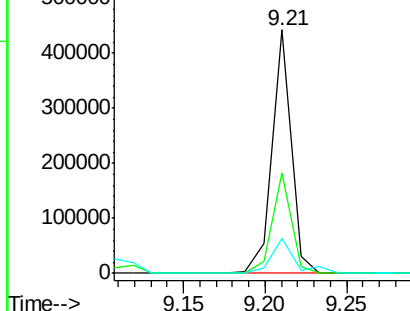
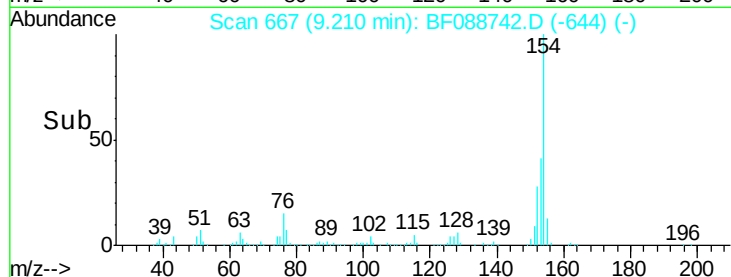
76 14.6 0.0 35.1



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: 27.52 ng

RT: 9.23 min Scan# 669

Delta R.T. -0.03 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

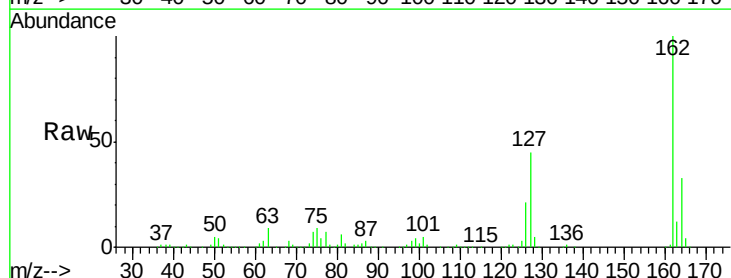
Tgt Ion:162 Resp: 284830

Ion Ratio Lower Upper

162 100

127 44.9 35.2 52.8

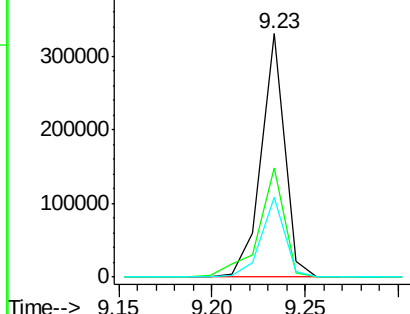
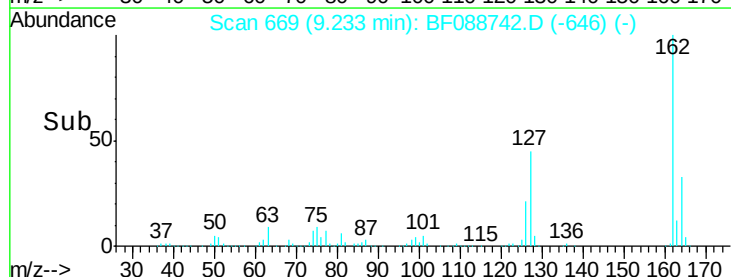
164 32.6 26.6 39.8

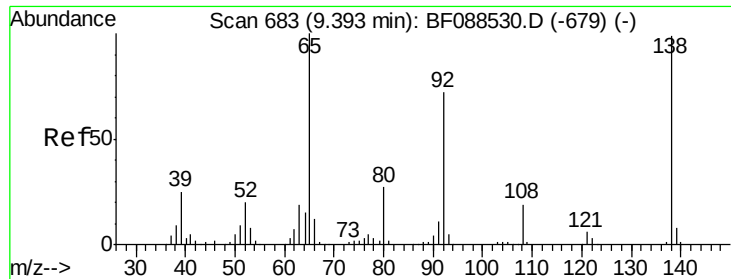


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

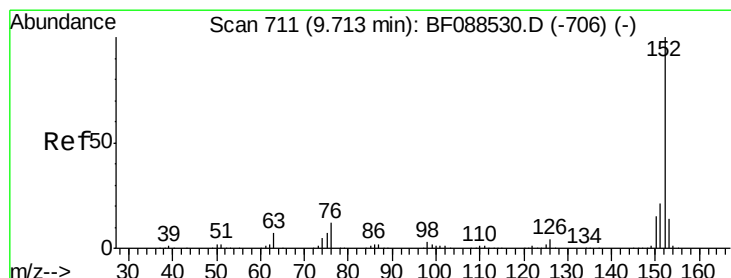
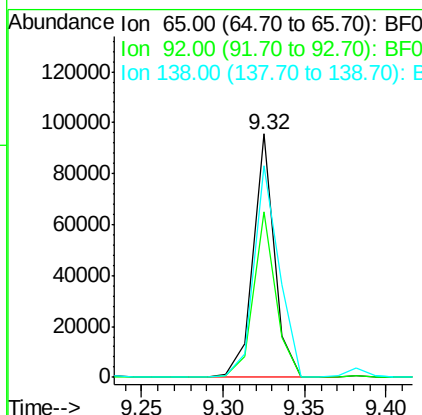
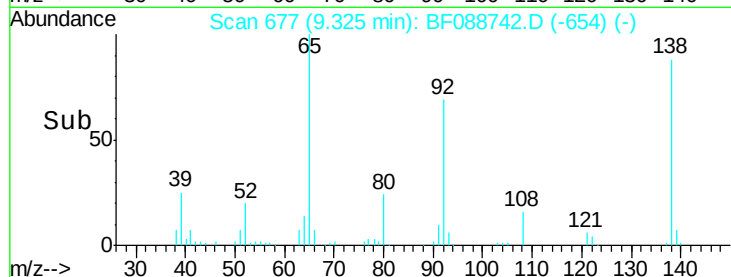
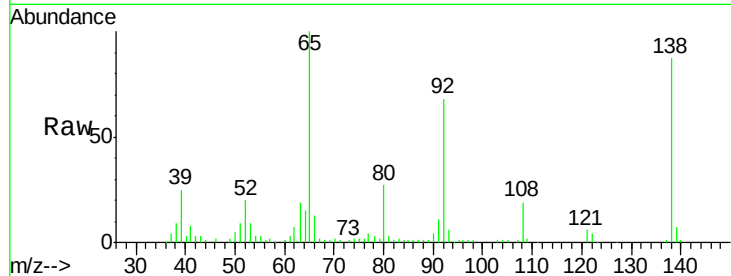




#47
 2-Nitroaniline
 Concen: 23.64 ng
 RT: 9.32 min Scan# 677
 Delta R.T. -0.03 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

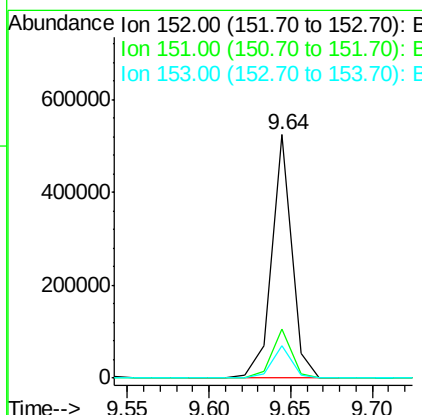
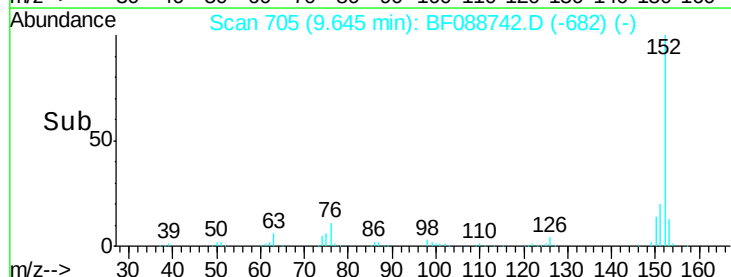
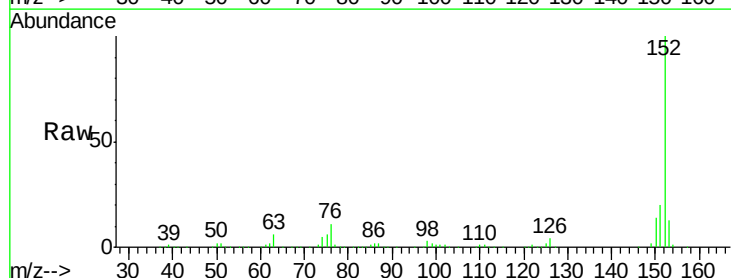
Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMSD

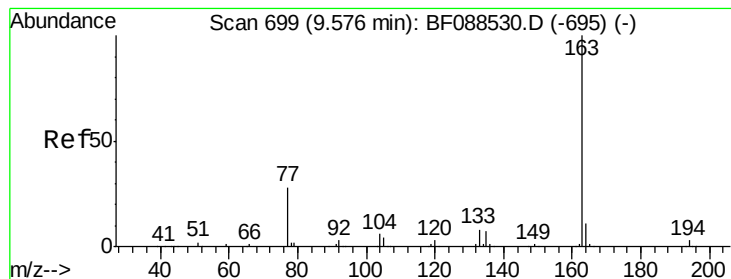
Tgt Ion: 65 Resp: 86828
 Ion Ratio Lower Upper
 65 100
 92 68.2 54.6 82.0
 138 86.8 77.0 115.4



#48
 Acenaphthylene
 Concen: 27.15 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.03 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

Tgt Ion: 152 Resp: 447038
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.2 24.4
 153 13.3 11.0 16.6





#49

Dimethylphthalate

Concen: 43.88 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.02 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMSD

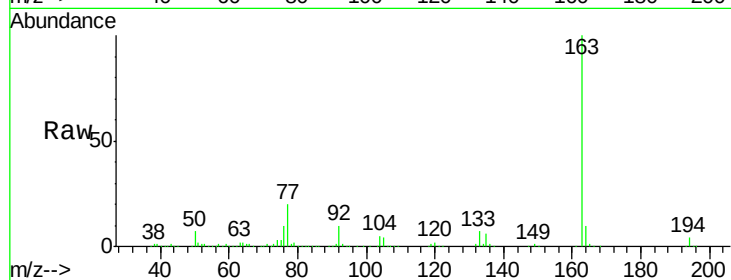
Tgt Ion:163 Resp: 497729

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

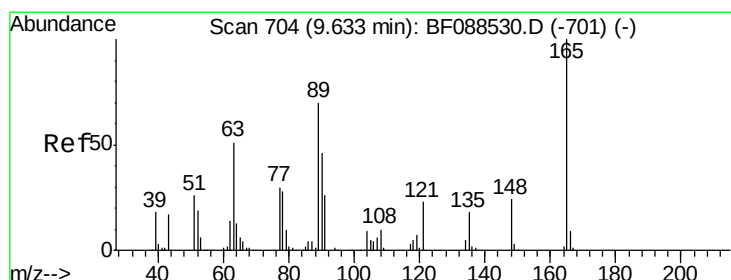
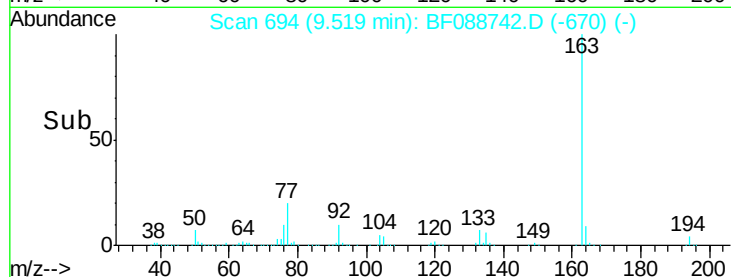
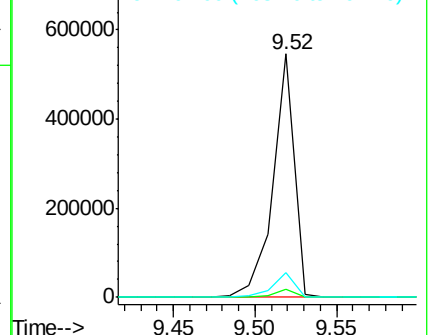
164 10.1 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 32.52 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.02 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

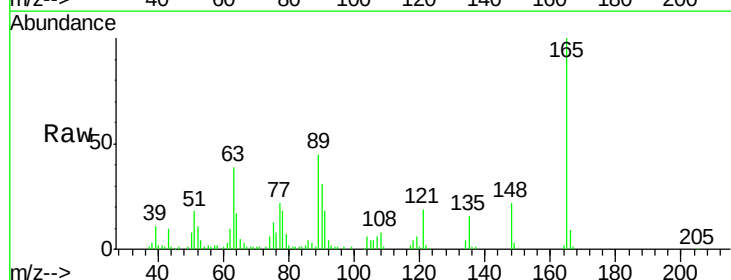
Tgt Ion:165 Resp: 81756

Ion Ratio Lower Upper

165 100

63 39.1 28.1 42.1

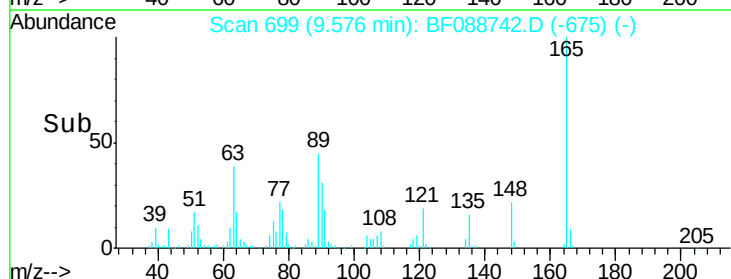
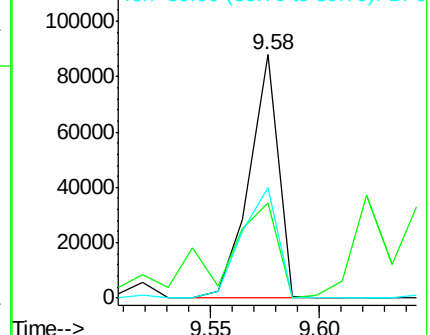
89 45.2 32.2 48.2

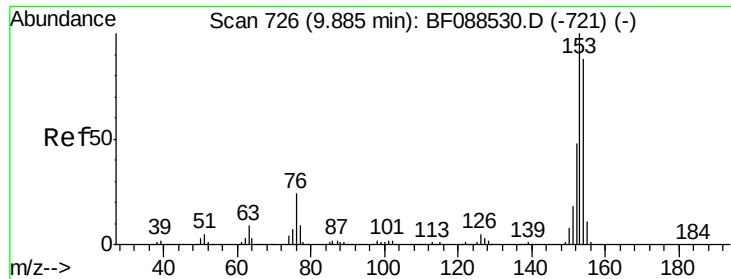


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 25.97 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMSD

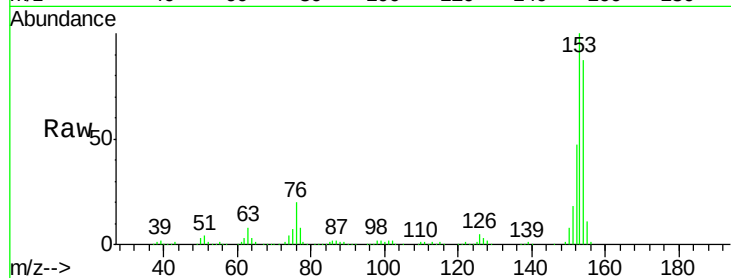
Tgt Ion:154 Resp: 262174

Ion Ratio Lower Upper

154 100

153 114.5 89.5 134.3

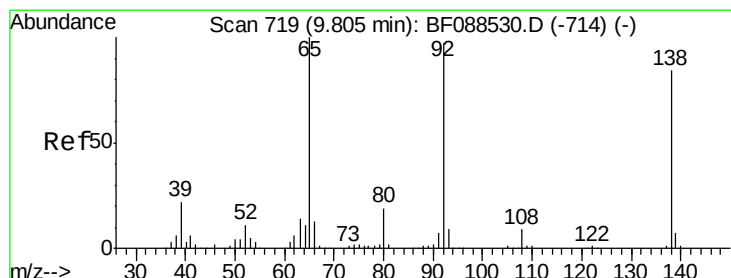
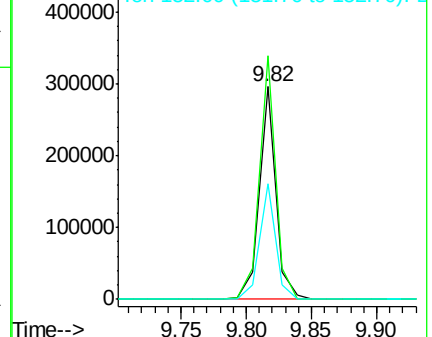
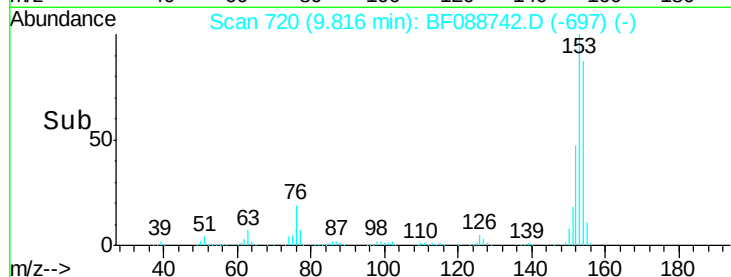
152 54.3 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.17 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.03 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

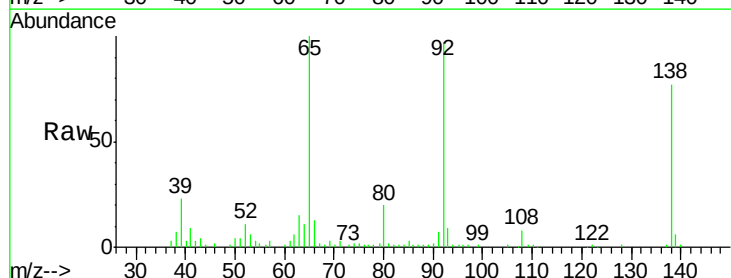
Tgt Ion:138 Resp: 61246

Ion Ratio Lower Upper

138 100

108 11.0 8.5 12.7

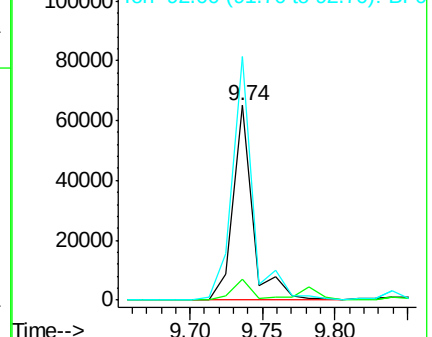
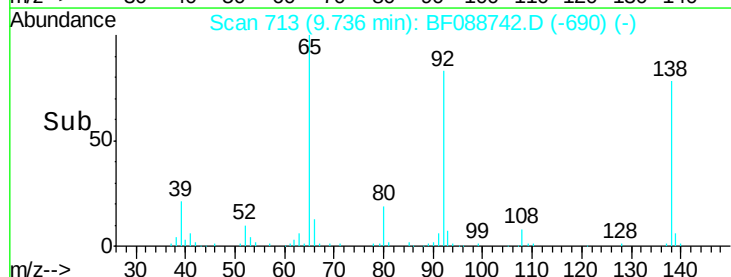
92 125.0 95.7 143.5

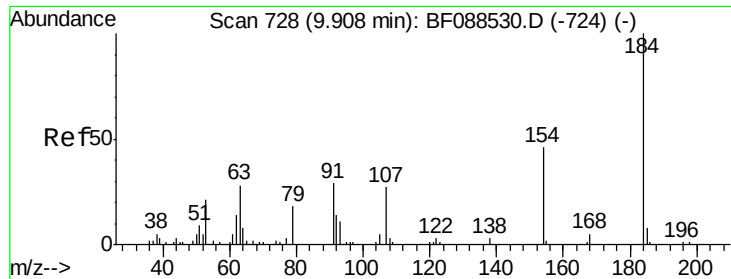


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

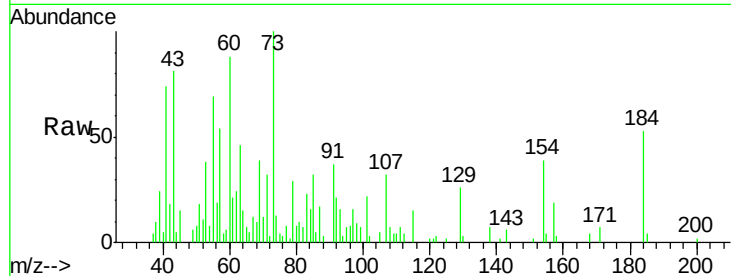




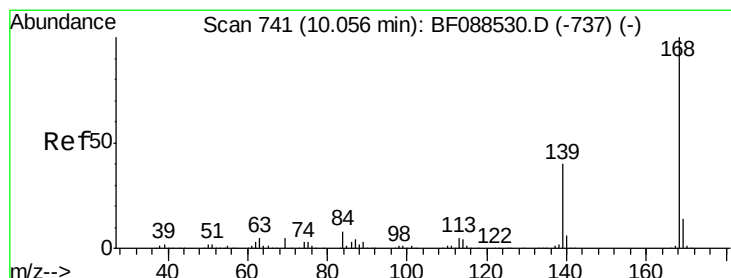
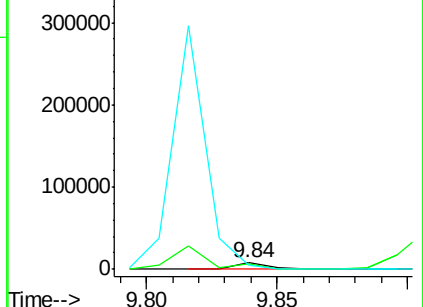
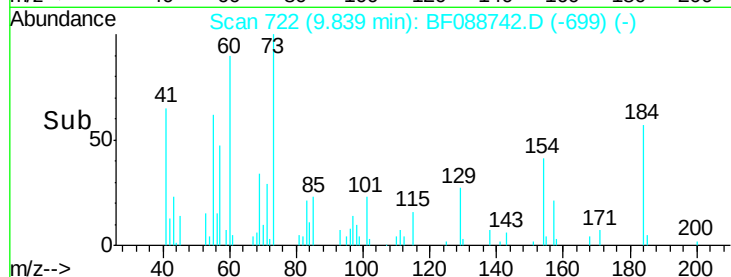
#53
2,4-Dinitrophenol
Concen: 6.17 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.03 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

Tgt Ion:184 Resp: 6848
Ion Ratio Lower Upper
184 100
63 85.8 57.6 86.4
154 72.5 53.5 80.3

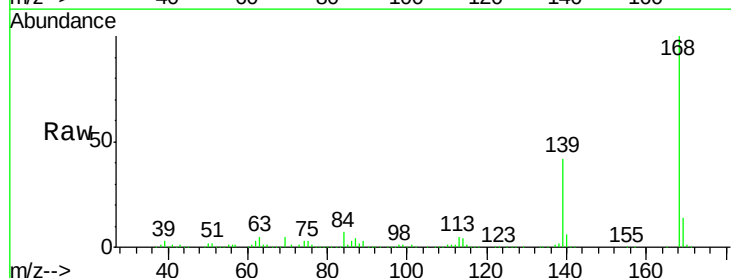


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

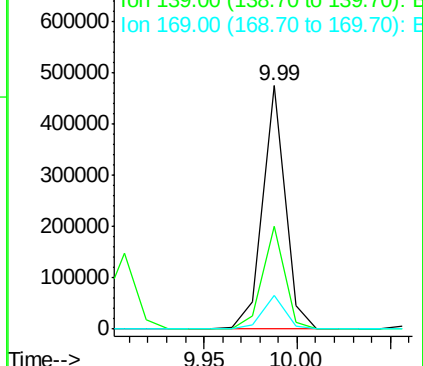
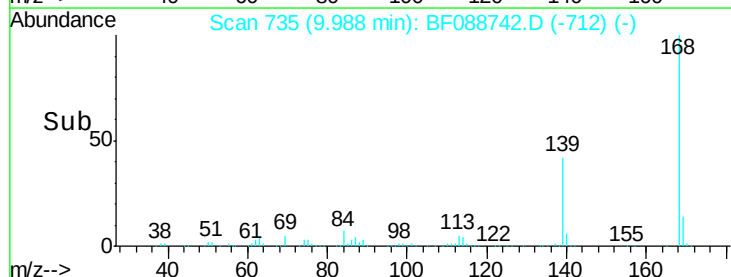


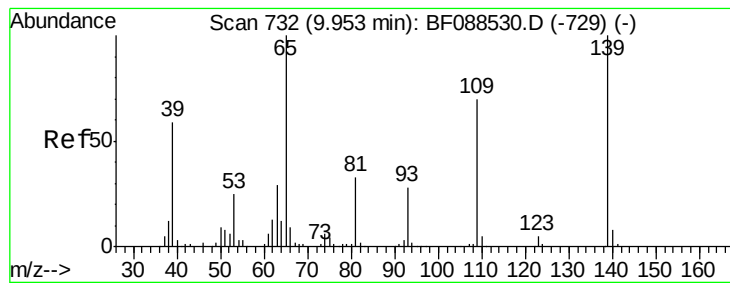
#54
Dibenzofuran
Concen: 30.02 ng
RT: 9.99 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Tgt Ion:168 Resp: 396628
Ion Ratio Lower Upper
168 100
139 42.3 26.4 39.6#
169 13.6 10.4 15.6



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





#55

4-Nitrophenol

Concen: 63.34 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMSD

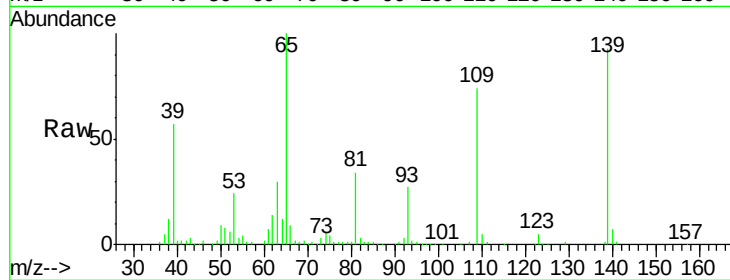
Tgt Ion:139 Resp: 153811

Ion Ratio Lower Upper

139 100

109 79.8 48.9 88.9

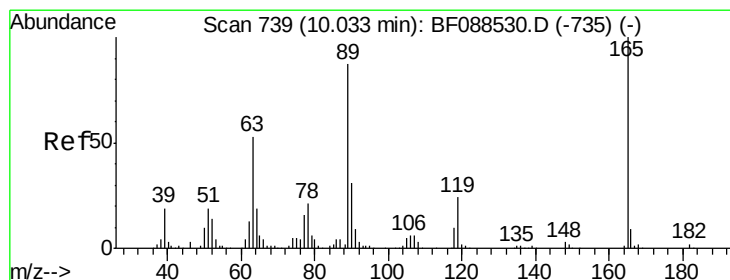
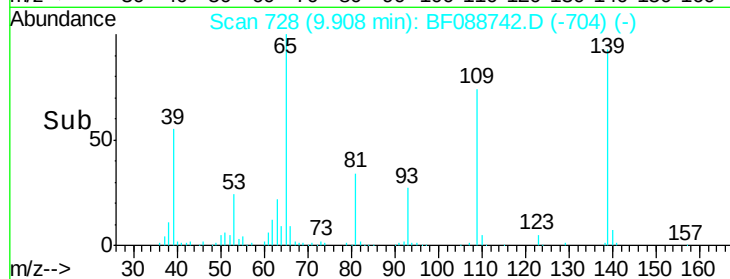
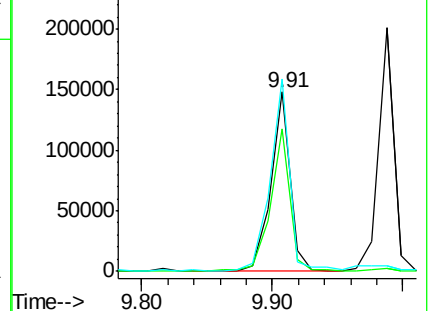
65 107.8 84.9 124.9



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: 33.14 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

Tgt Ion:165 Resp: 108938

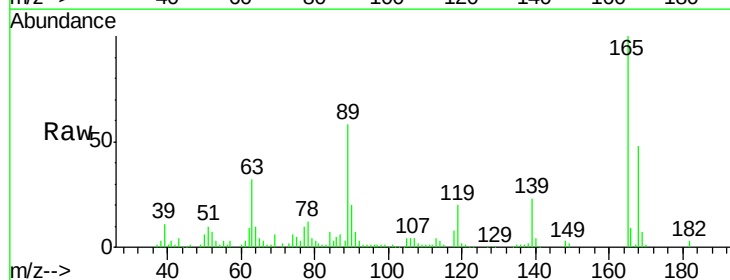
Ion Ratio Lower Upper

165 100

63 31.8 22.0 33.0

89 57.9 41.1 61.7

182 2.6 2.0 3.0

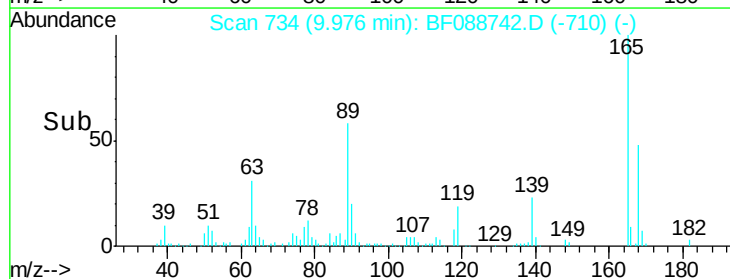
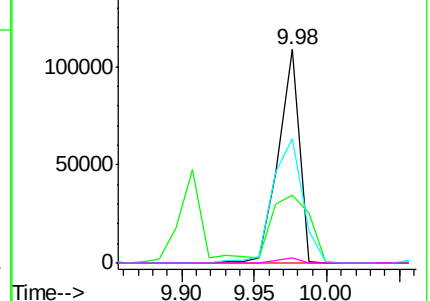


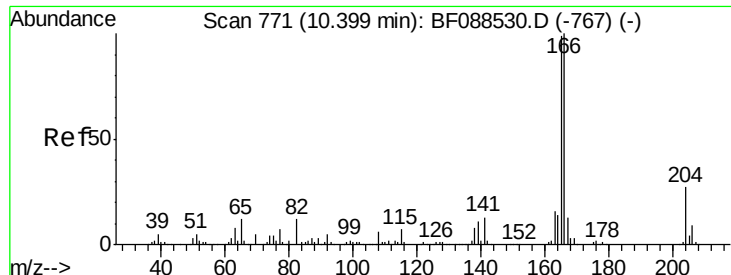
Abundance Ion 165.00 (164.70 to 165.70): E

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

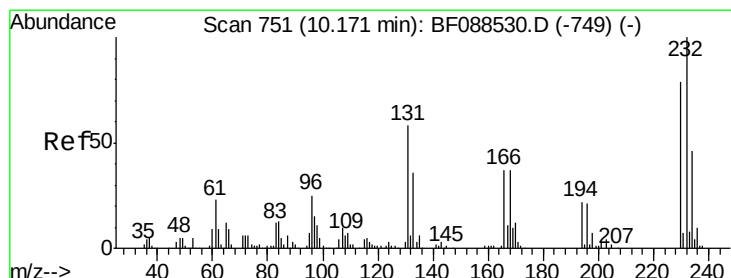
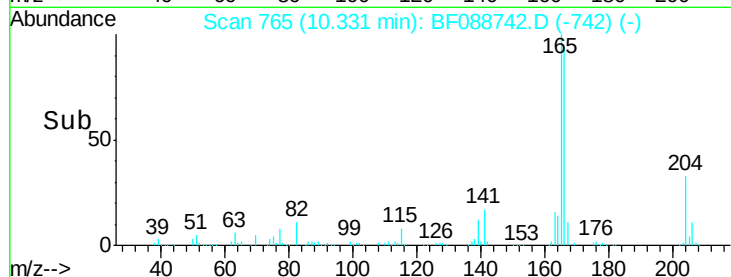
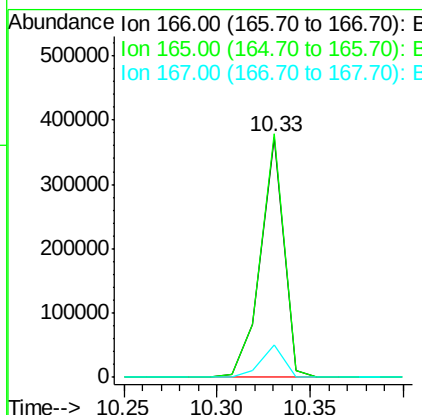
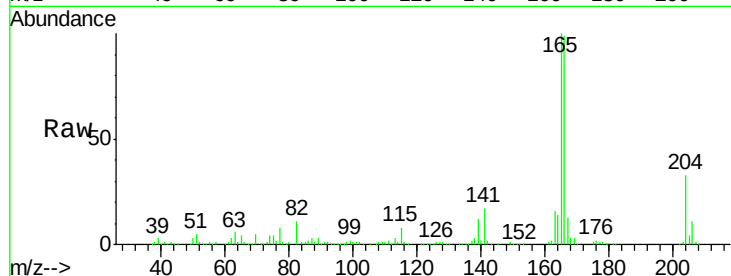




#57
 Fluorene
 Concen: 31.76 ng
 RT: 10.33 min Scan# 765
 Delta R.T. -0.03 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

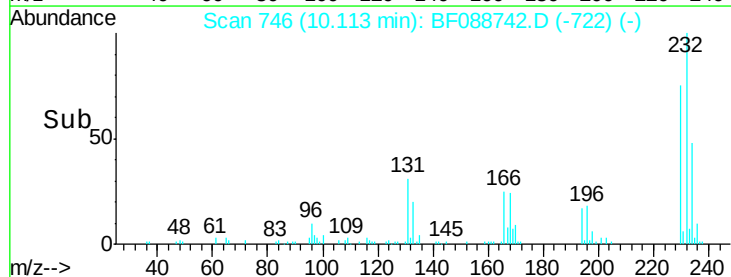
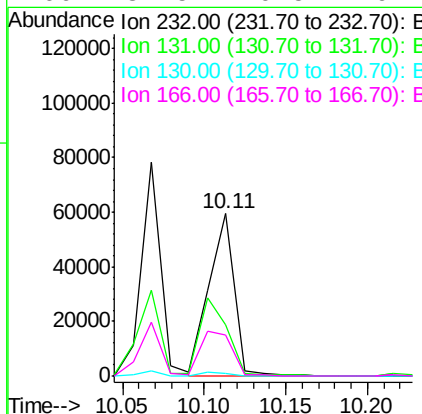
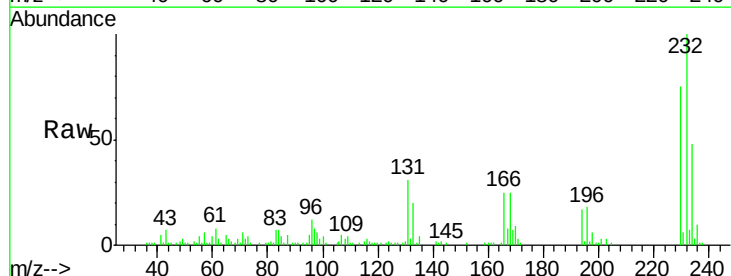
Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMSD

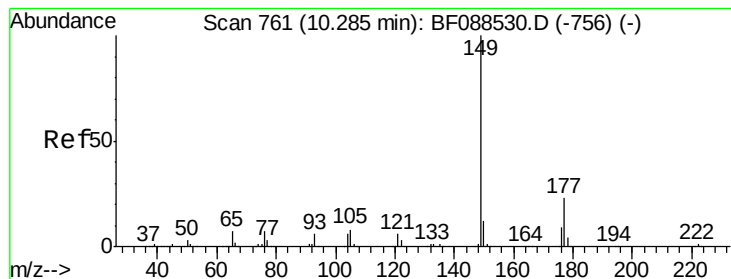
Tgt Ion:166 Resp: 323363
 Ion Ratio Lower Upper
 166 100
 165 101.3 77.8 116.8
 167 13.4 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 27.85 ng
 RT: 10.11 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

Tgt Ion:232 Resp: 64720
 Ion Ratio Lower Upper
 232 100
 131 52.1 0.9 1.3#
 130 2.7 1.5 2.3#
 166 34.5 0.5 0.7#





#59

Diethylphthalate

Concen: 30.82 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMSD

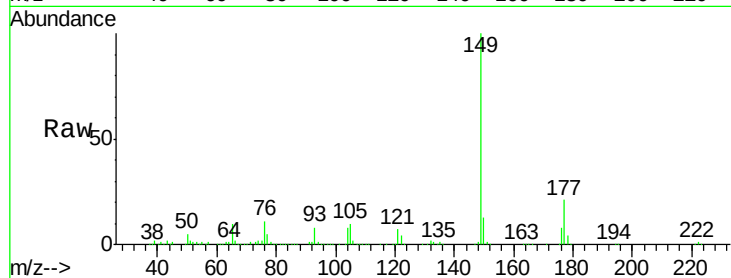
Tgt Ion:149 Resp: 350791

Ion Ratio Lower Upper

149 100

177 20.8 16.9 25.3

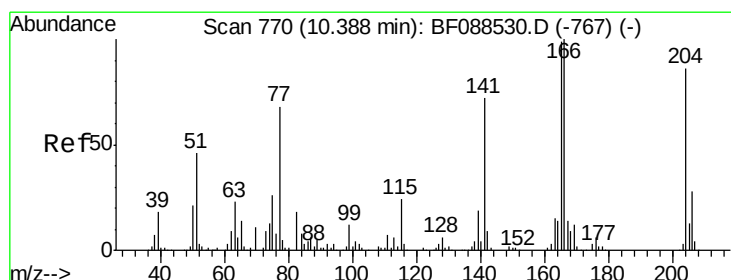
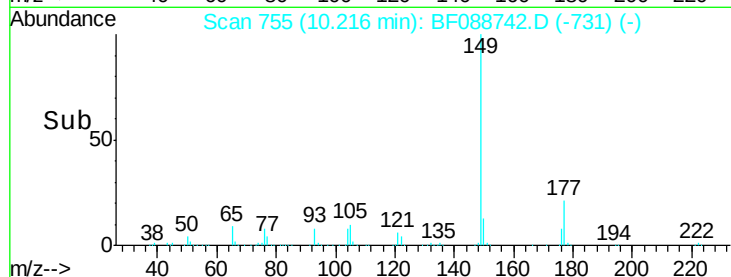
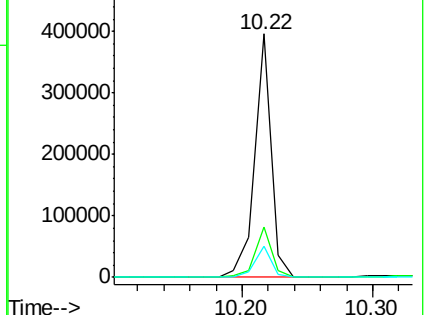
150 12.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 29.22 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

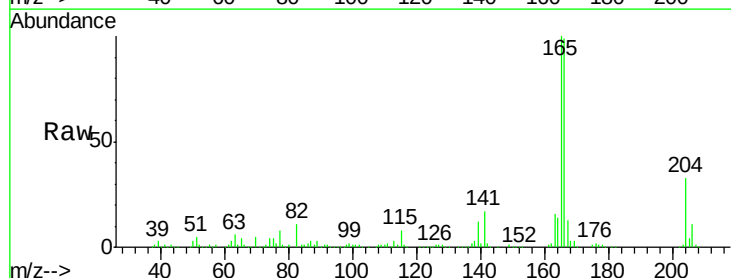
Tgt Ion:204 Resp: 138224

Ion Ratio Lower Upper

204 100

206 32.5 26.3 39.5

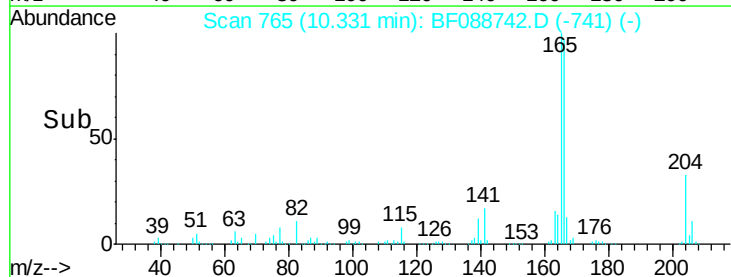
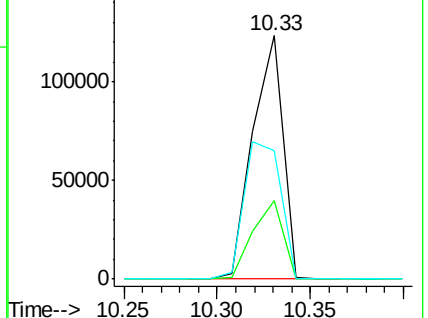
141 52.9 55.0 82.6#

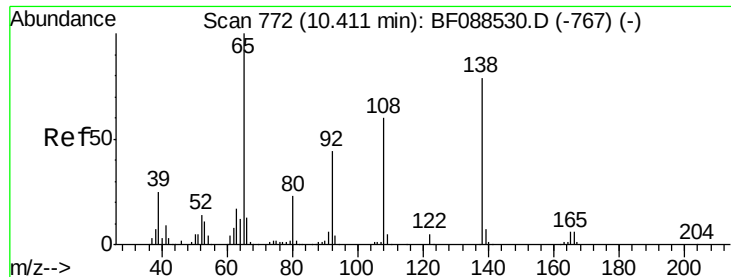


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

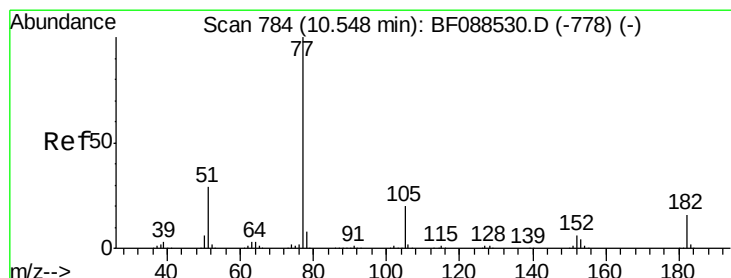
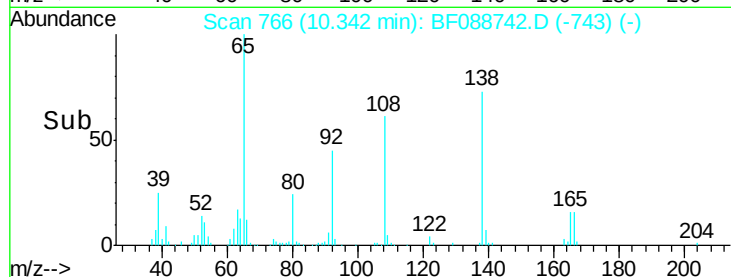
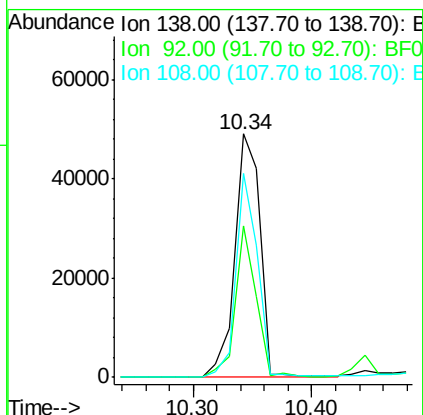
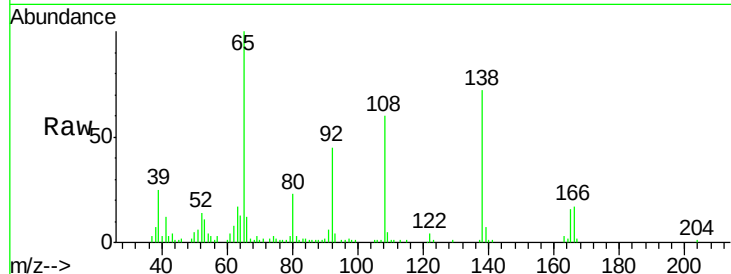




#61
4-Nitroaniline
Concen: 23.72 ng
RT: 10.34 min Scan# 766
Delta R.T. -0.03 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

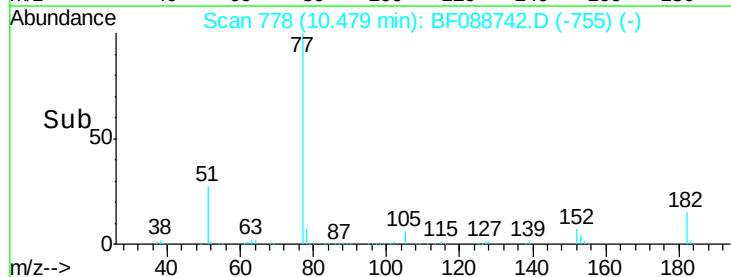
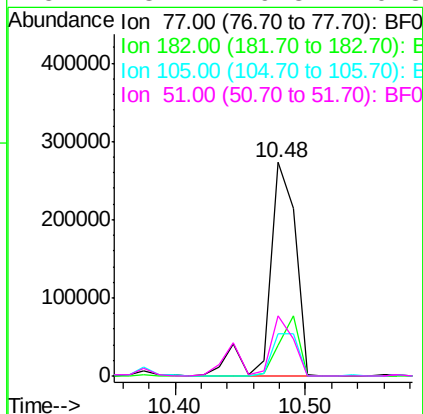
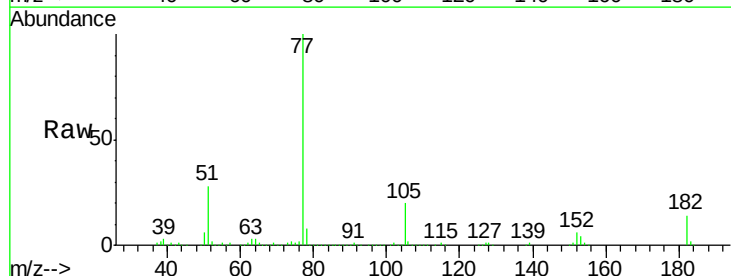
Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

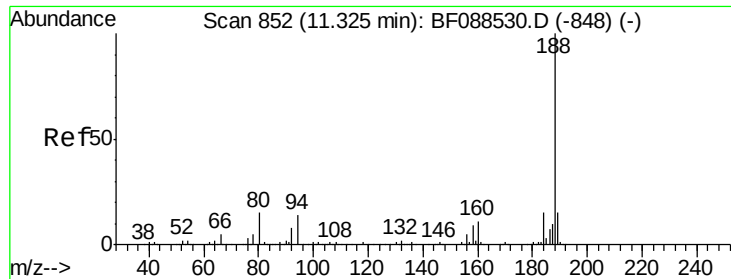
Tgt Ion:138 Resp: 72944
Ion Ratio Lower Upper
138 100
92 62.4 27.3 67.3
108 83.6 46.7 86.7



#62
Azobenzene
Concen: 29.60 ng
RT: 10.48 min Scan# 778
Delta R.T. -0.03 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Tgt Ion: 77 Resp: 384373
Ion Ratio Lower Upper
77 100
182 14.4 4.4 44.4
105 19.7 3.8 43.8
51 28.4 9.3 49.3

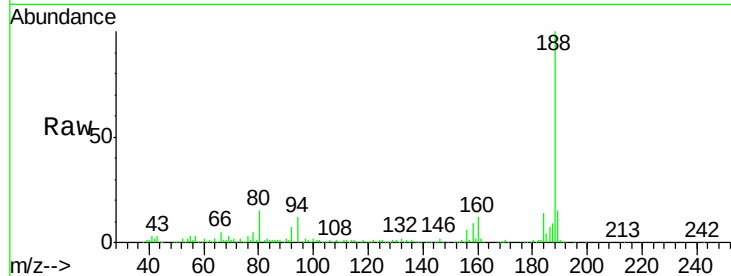




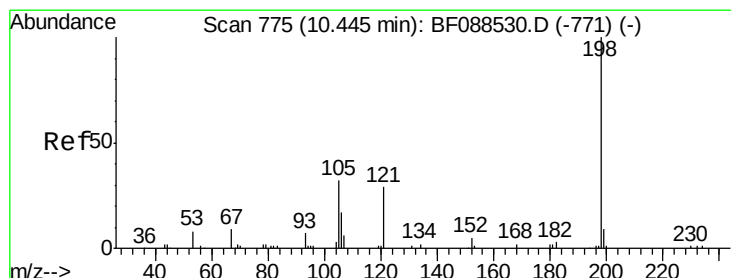
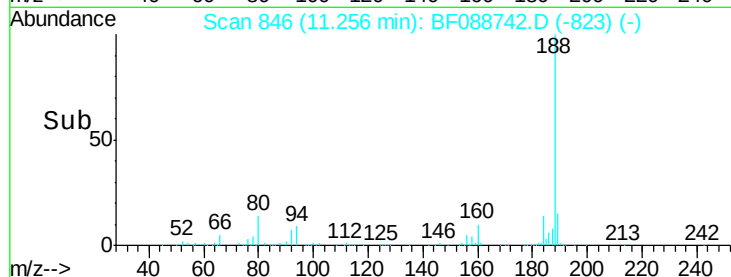
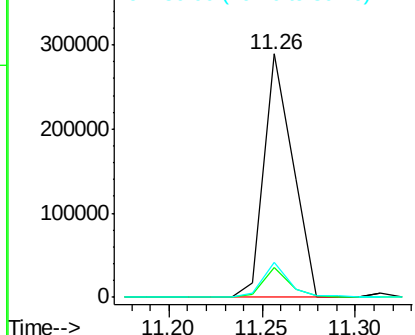
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.03 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.4	9.0	13.6
80	14.6	10.0	15.0

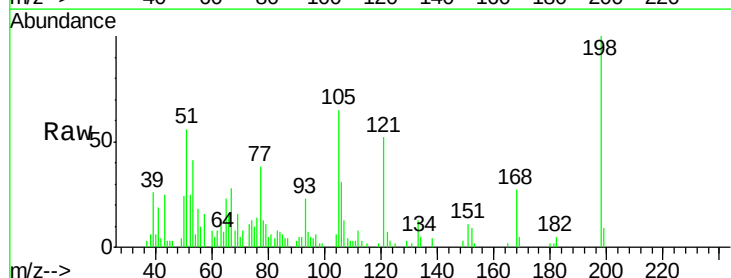


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

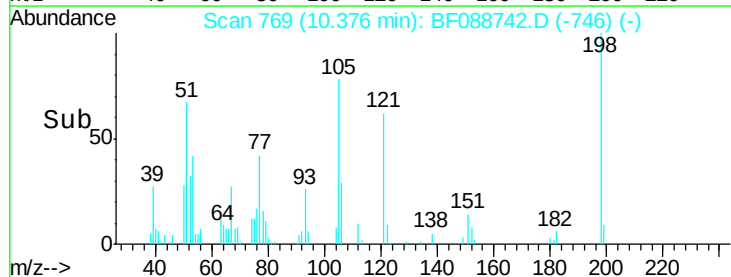
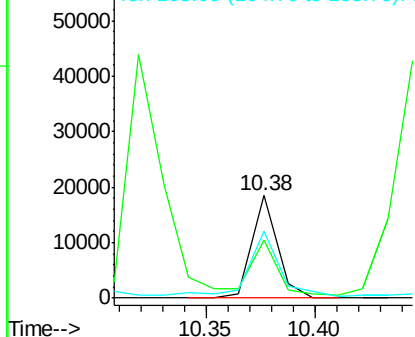


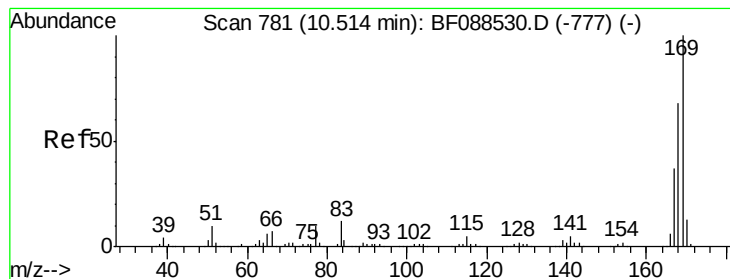
#64
4,6-Dinitro-2-methylphenol
Concen: 9.11 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.03 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Tgt Ion	Ratio	Lower	Upper
198	100		
51	56.4	39.6	79.6
105	65.0	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

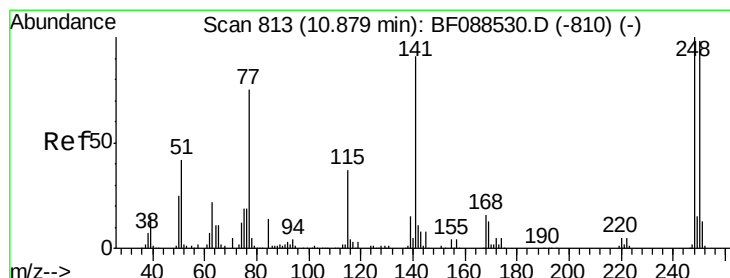
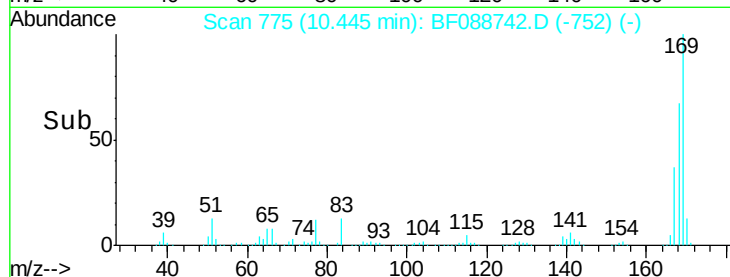
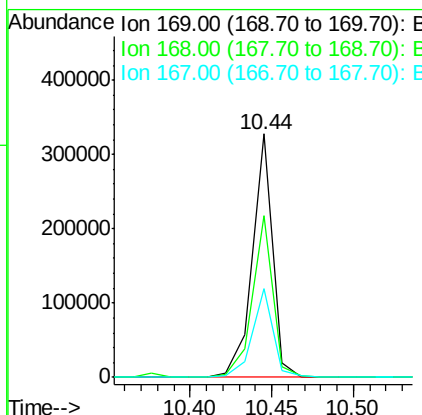
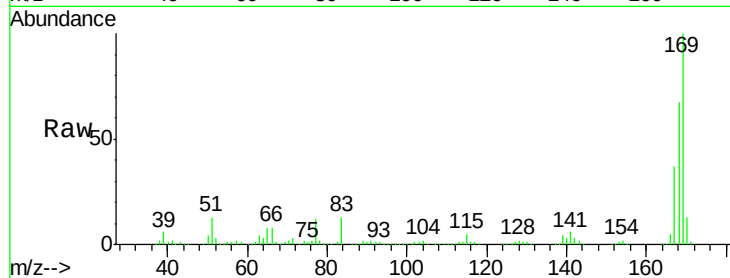




#65
 n-Nitrosodiphenylamine
 Concen: 27.01 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.03 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

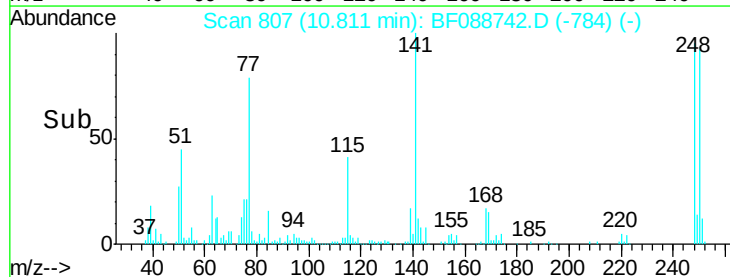
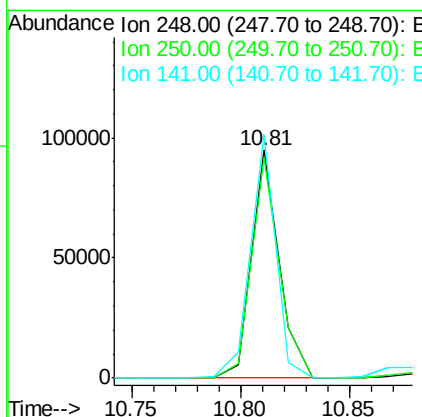
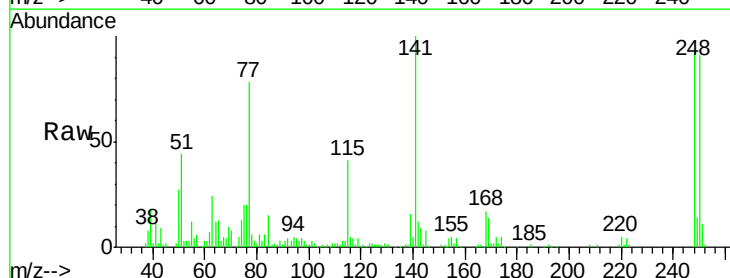
Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMSD

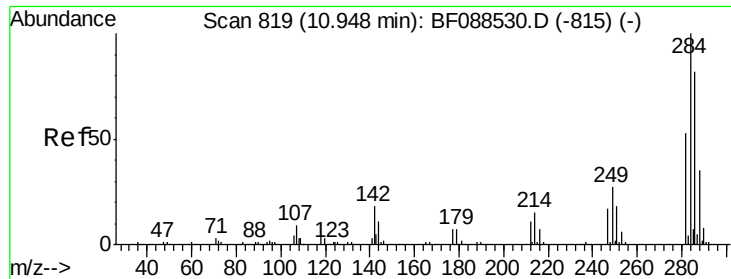
Tgt Ion:169 Resp: 281544
 Ion Ratio Lower Upper
 169 100
 168 66.5 53.4 80.0
 167 36.6 29.4 44.0



#66
 4-Bromophenyl-phenylether
 Concen: 26.79 ng
 RT: 10.81 min Scan# 807
 Delta R.T. -0.03 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

Tgt Ion:248 Resp: 83165
 Ion Ratio Lower Upper
 248 100
 250 96.9 77.1 115.7
 141 106.9 50.6 76.0#

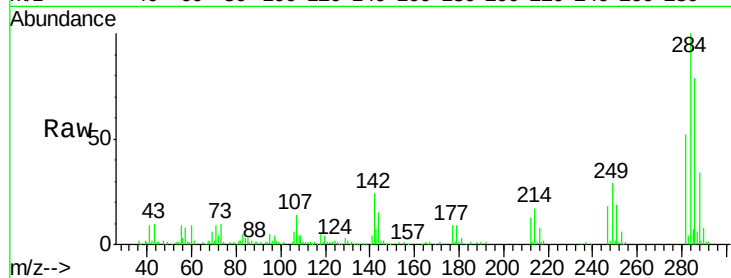




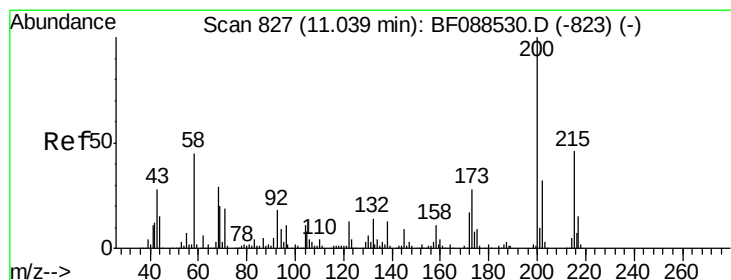
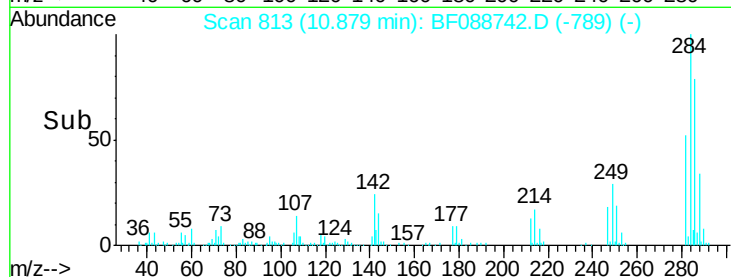
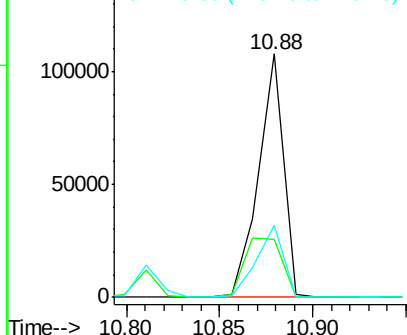
#67
Hexachlorobenzene
Concen: 29.04 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

Tgt Ion:284 Resp: 99771
Ion Ratio Lower Upper
284 100
142 23.8 35.8 53.8#
249 29.4 25.8 38.6

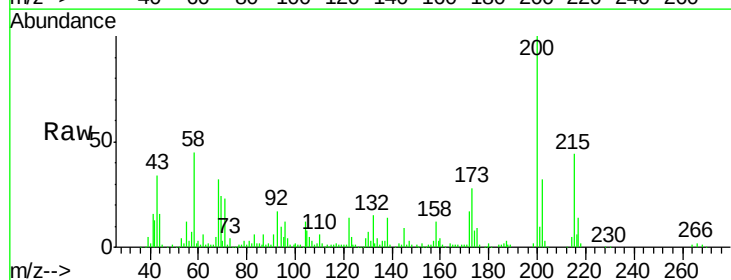


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

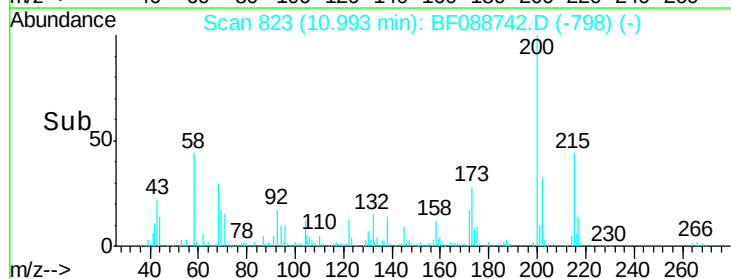
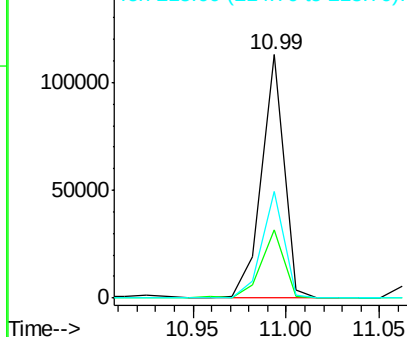


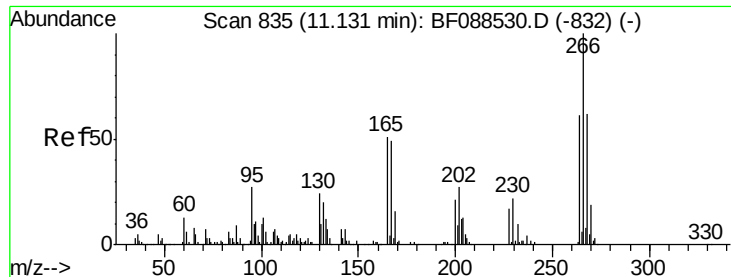
#68
Atrazine
Concen: 28.88 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Tgt Ion:200 Resp: 93803
Ion Ratio Lower Upper
200 100
173 27.8 4.0 44.0
215 44.0 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

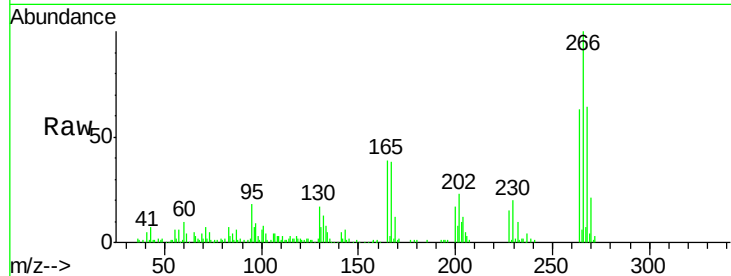




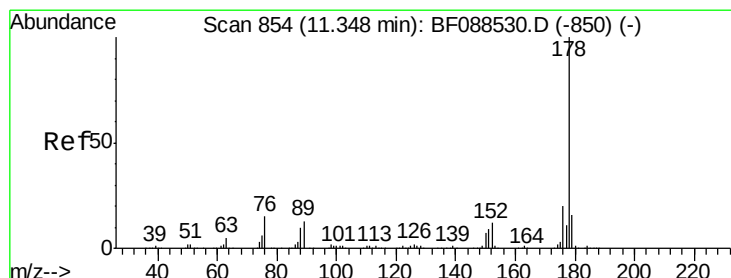
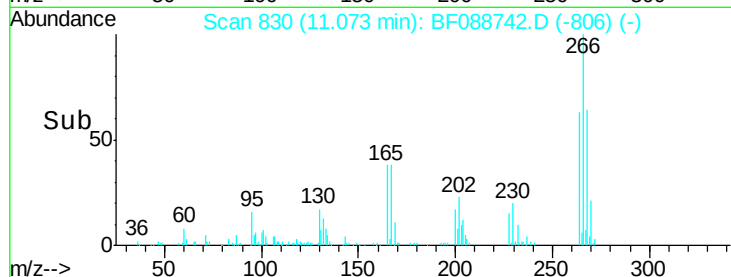
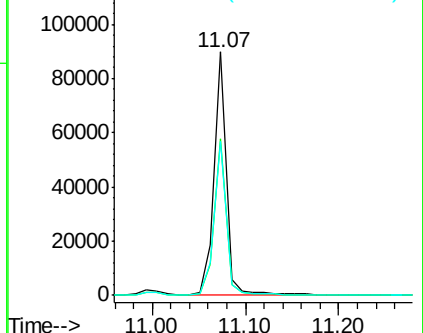
#69
 Pentachlorophenol
 Concen: 40.89 ng
 RT: 11.07 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMSD

Tgt Ion: 266 Resp: 83144
 Ion Ratio Lower Upper
 266 100
 268 64.2 52.8 79.2
 264 63.0 49.6 74.4

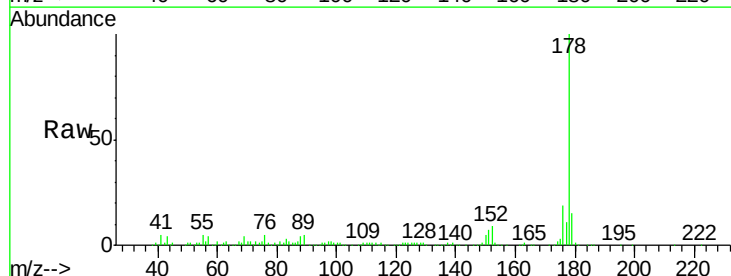


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

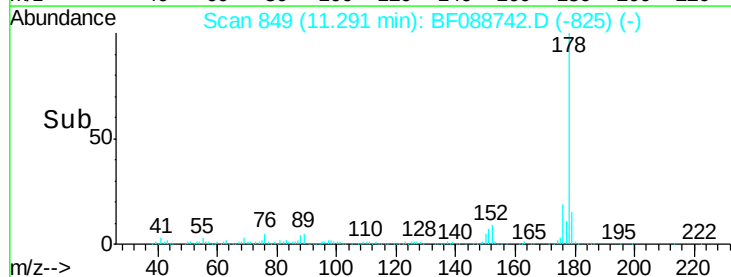
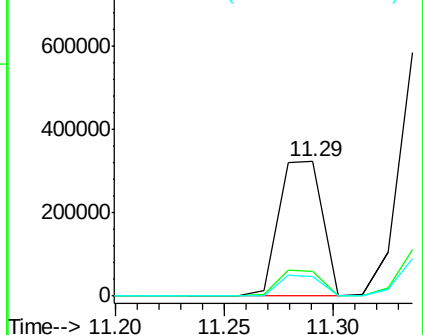


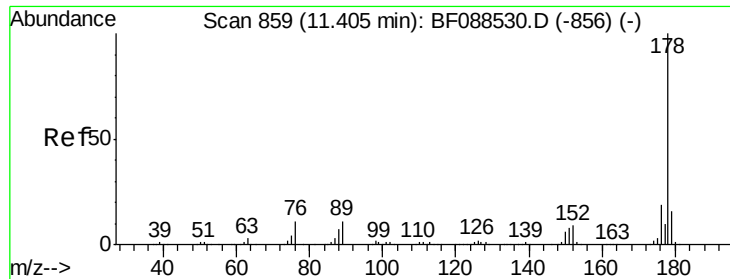
#70
 Phenanthrene
 Concen: 26.89 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.02 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

Tgt Ion: 178 Resp: 452856
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.6
 179 14.9 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

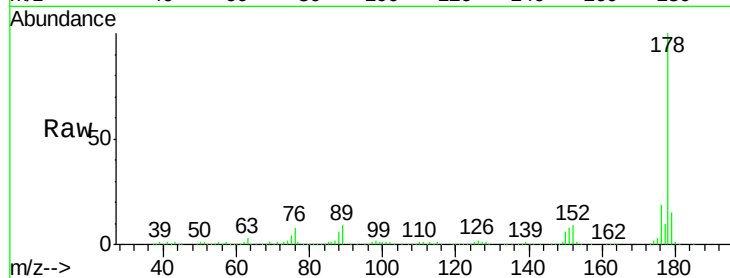




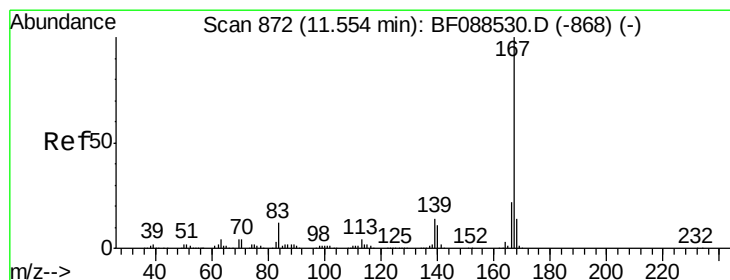
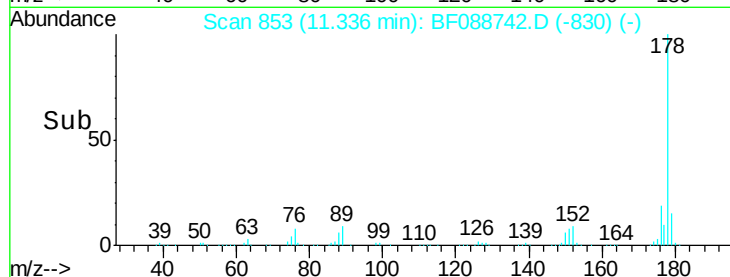
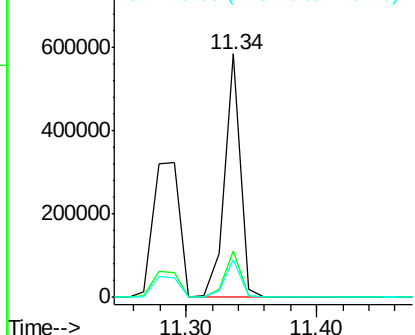
#71
 Anthracene
 Concen: 29.36 ng
 RT: 11.34 min Scan# 853
 Delta R.T. -0.03 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMSD

Tgt Ion:178 Resp: 491484
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.6 23.4
 179 15.5 12.8 19.2

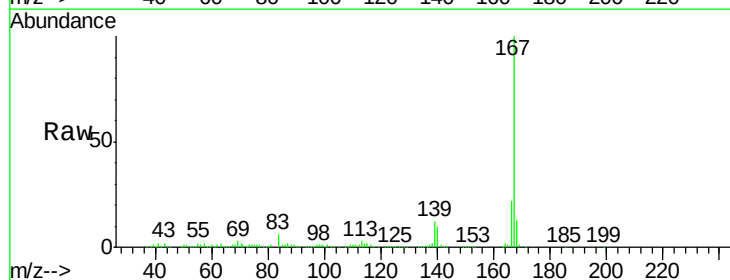


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

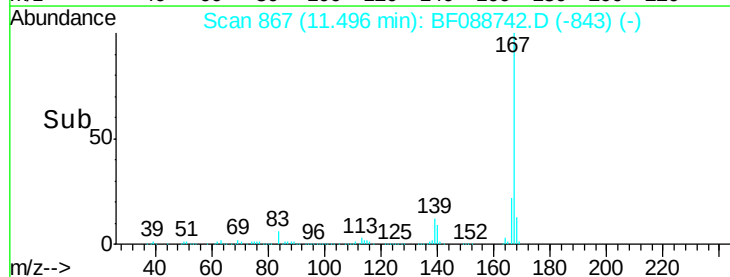
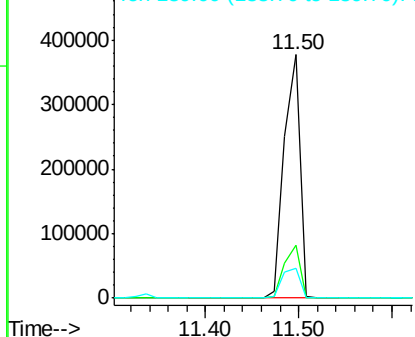


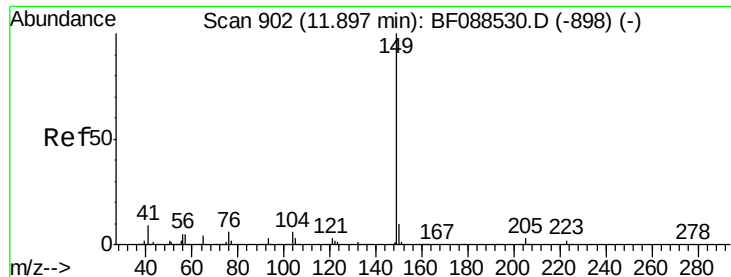
#72
 Carbazole
 Concen: 28.13 ng
 RT: 11.50 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

Tgt Ion:167 Resp: 443212
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.6
 139 12.3 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 28.08 ng

RT: 11.84 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMSD

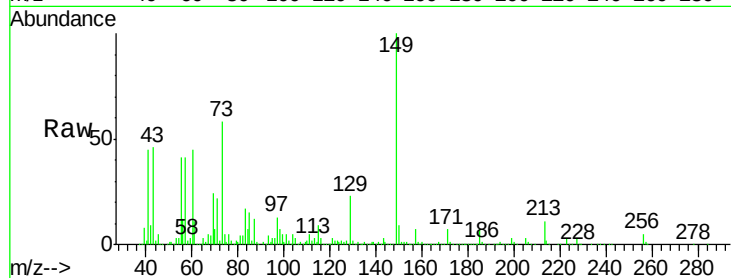
Tgt Ion:149 Resp: 514619

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

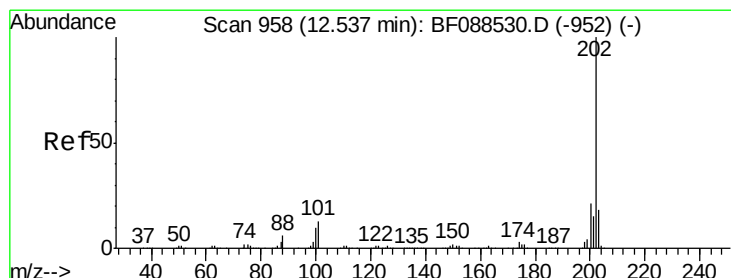
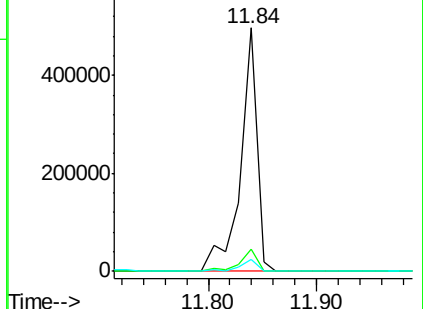
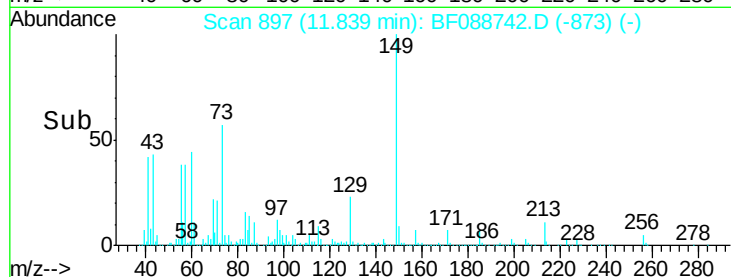
104 5.1 4.0 6.0



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: 29.89 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

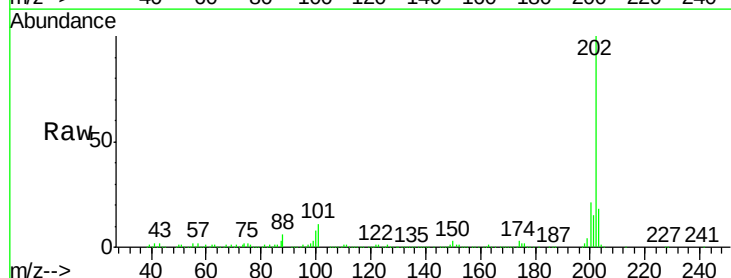
Tgt Ion:202 Resp: 510260

Ion Ratio Lower Upper

202 100

101 11.1 0.0 33.1

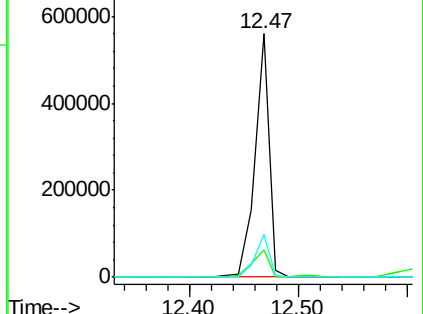
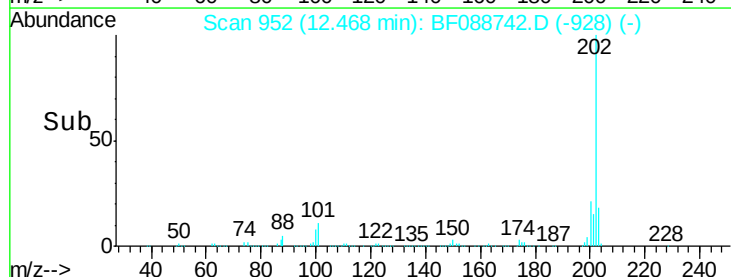
203 17.7 0.0 38.1

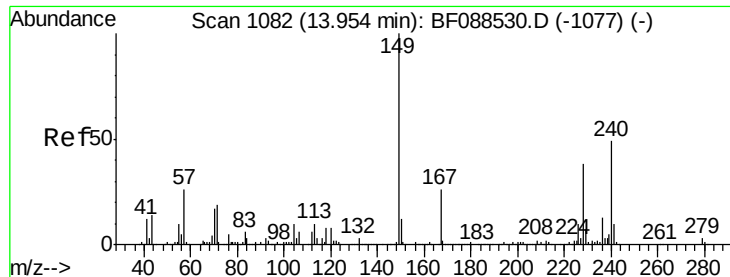


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.89 min Scan# 1076

Delta R.T. -0.03 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMSD

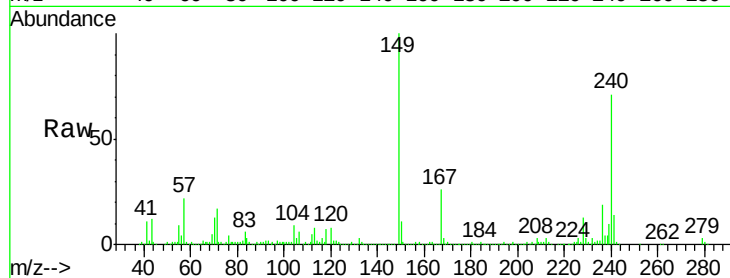
Tgt Ion:240 Resp: 253657

Ion Ratio Lower Upper

240 100

120 10.9 6.8 10.2#

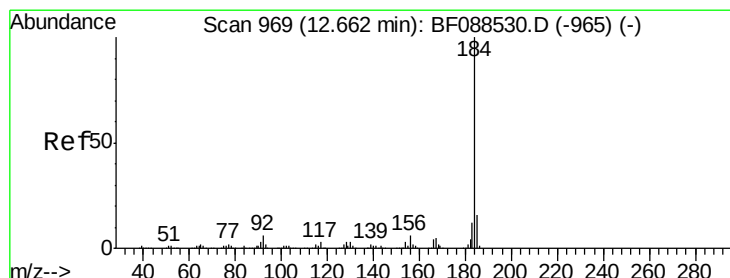
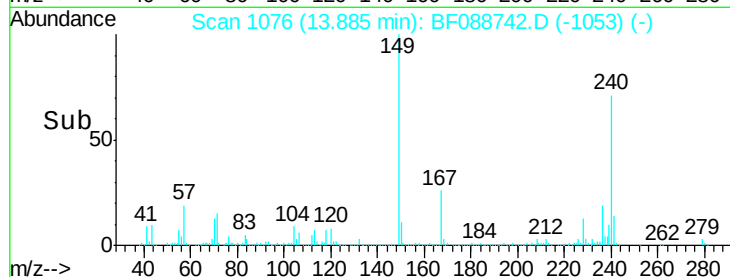
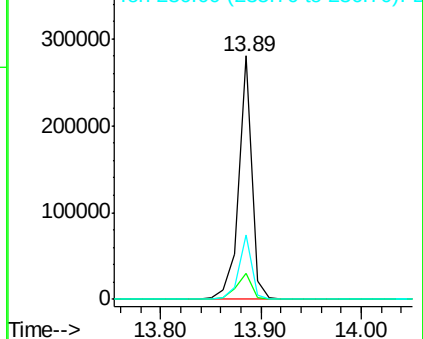
236 26.2 20.2 30.2



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: 4.73 ng

RT: 12.58 min Scan# 962

Delta R.T. -0.03 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

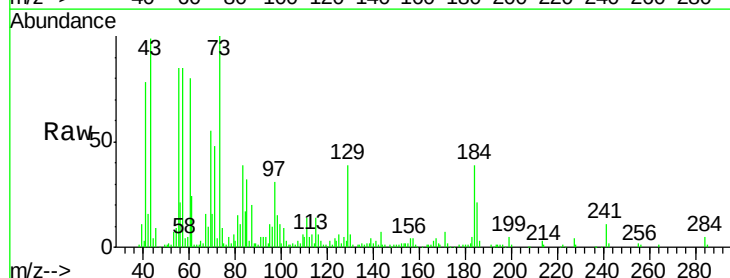
Tgt Ion:184 Resp: 60649

Ion Ratio Lower Upper

184 100

185 52.1 12.5 18.7#

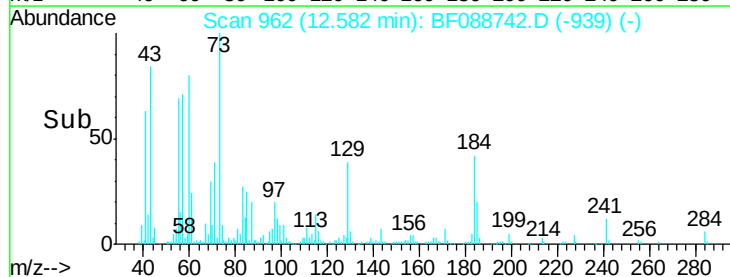
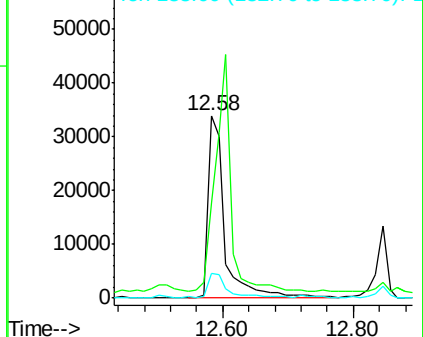
183 13.7 9.3 13.9

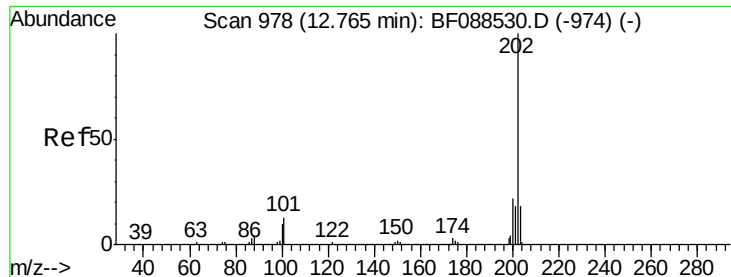


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

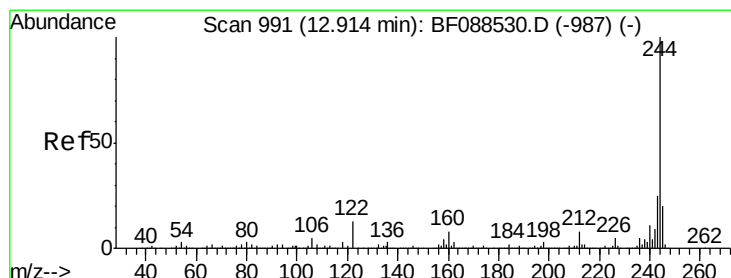
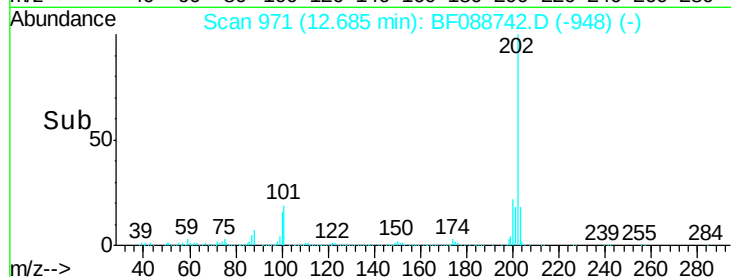
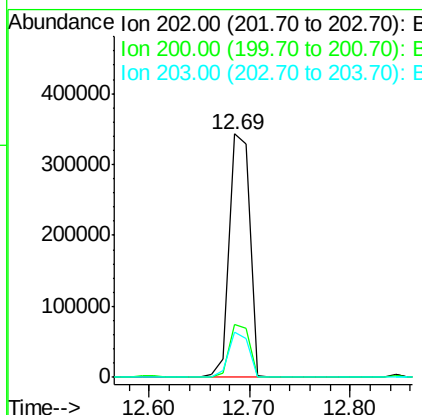
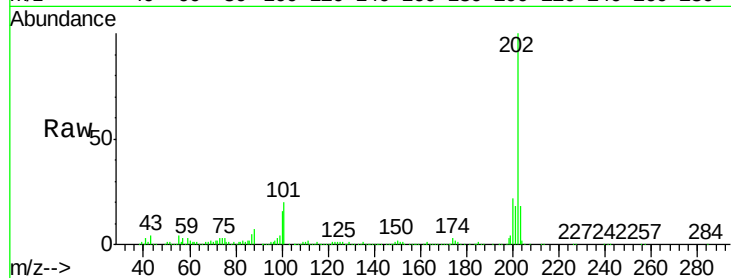




#77
 Pyrene
 Concen: 22.60 ng
 RT: 12.69 min Scan# 971
 Delta R.T. -0.03 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

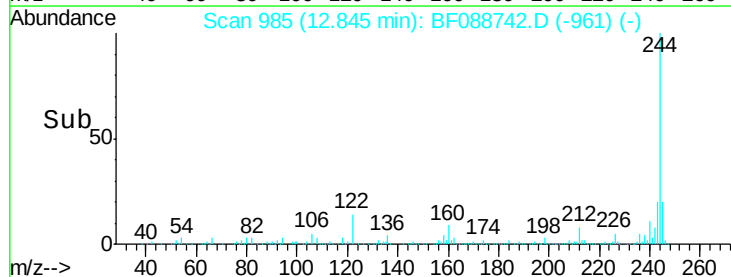
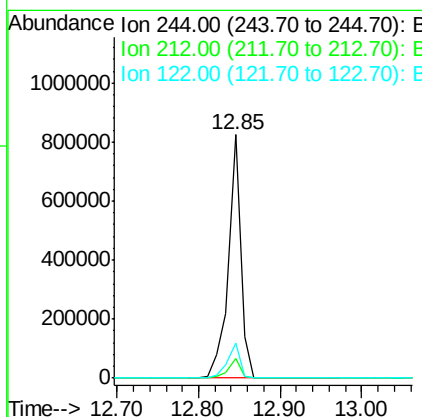
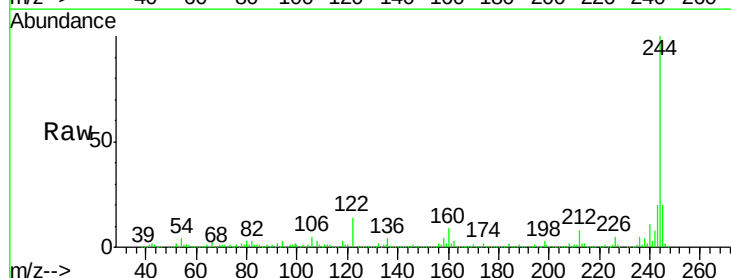
Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMSD

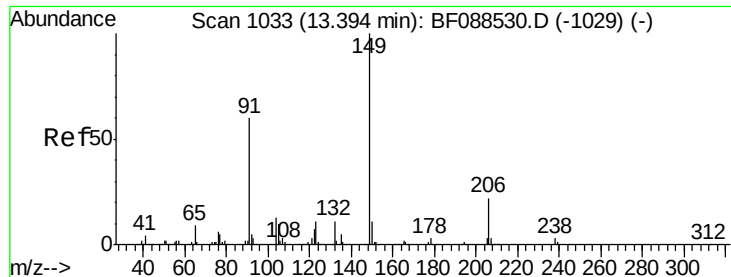
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	18.5	14.5	21.7



#78
 Terphenyl-d14
 Concen: 76.81 ng
 RT: 12.85 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.0	9.0
122	14.2	11.2	16.8

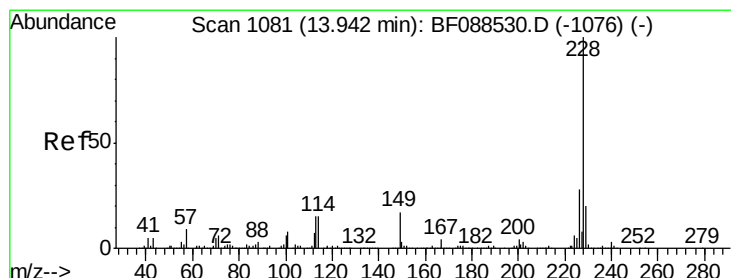
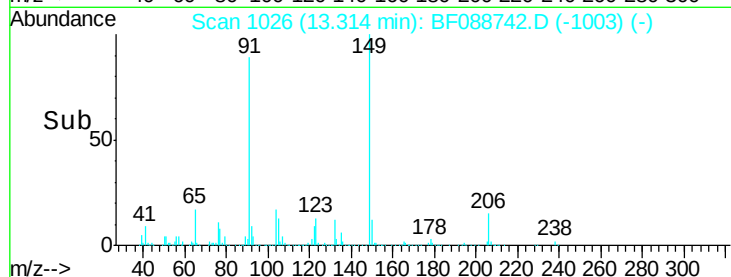
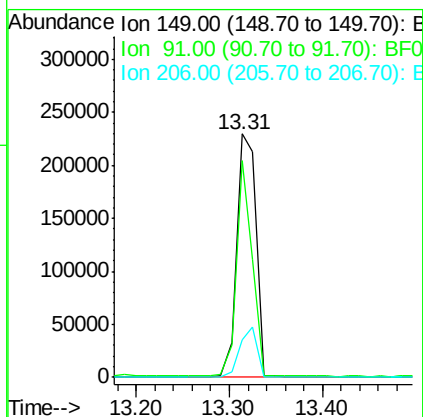
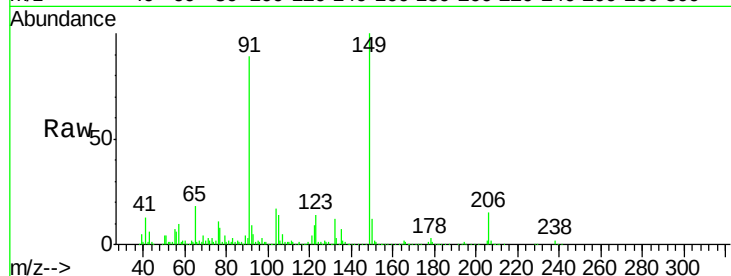




#79
Butylbenzylphthalate
Concen: 34.16 ng
RT: 13.31 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

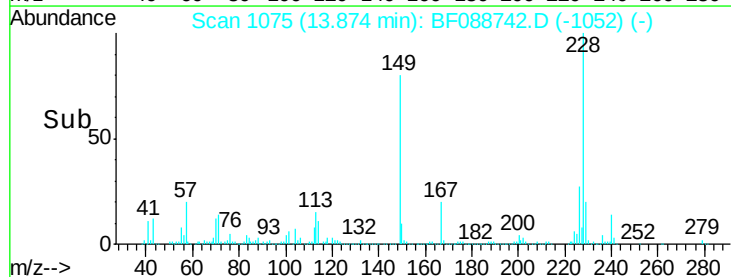
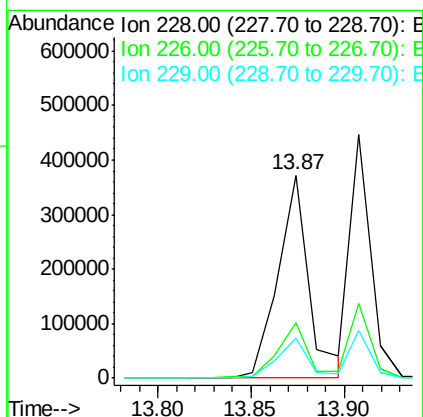
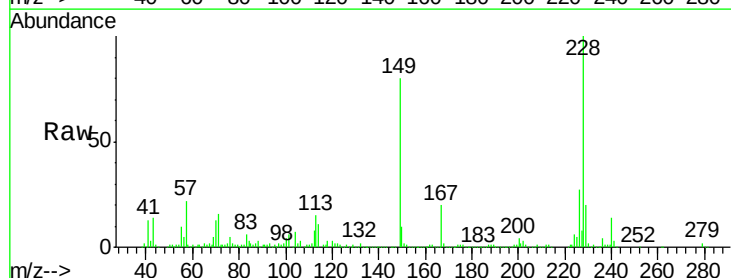
Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

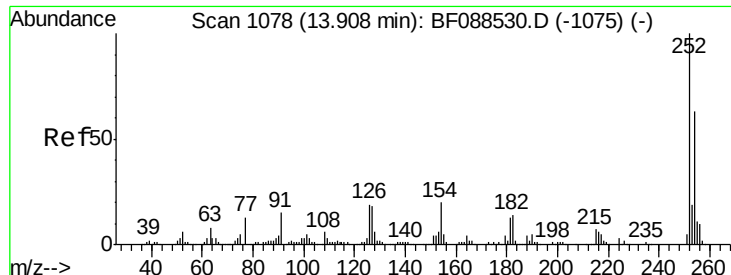
Tgt Ion:149 Resp: 327724
Ion Ratio Lower Upper
149 100
91 89.2 48.0 72.0#
206 15.4 16.0 24.0#



#80
Benzo(a)anthracene
Concen: 26.31 ng
RT: 13.87 min Scan# 1075
Delta R.T. -0.03 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Tgt Ion:228 Resp: 429757
Ion Ratio Lower Upper
228 100
226 27.2 22.3 33.5
229 19.9 16.0 24.0

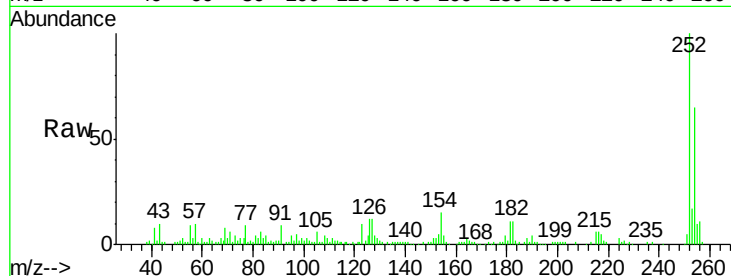




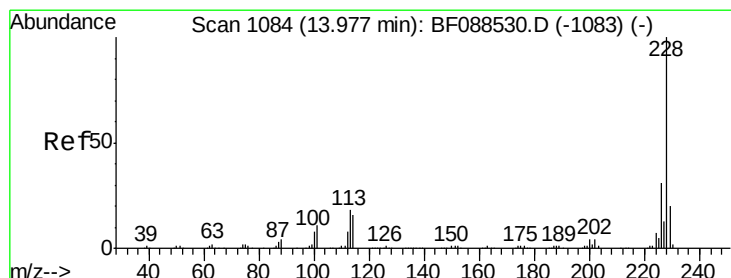
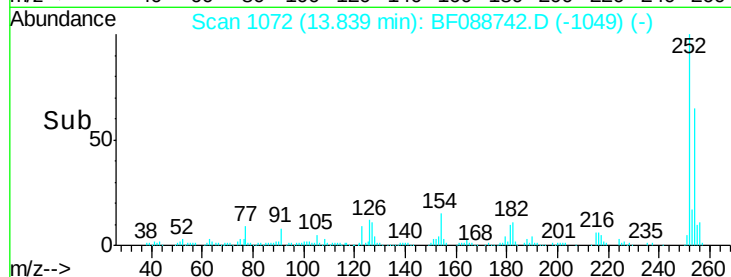
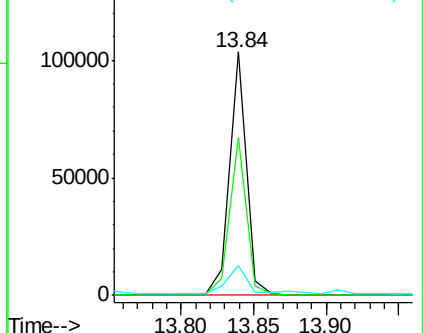
#81
 3,3'-Dichlorobenzidine
 Concen: 13.59 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. -0.03 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMSD

Tgt Ion: 252 Resp: 83472
 Ion Ratio Lower Upper
 252 100
 254 64.9 52.6 78.8
 126 12.2 6.2 9.2#

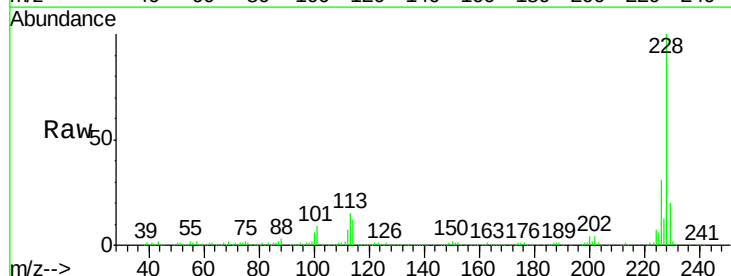


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

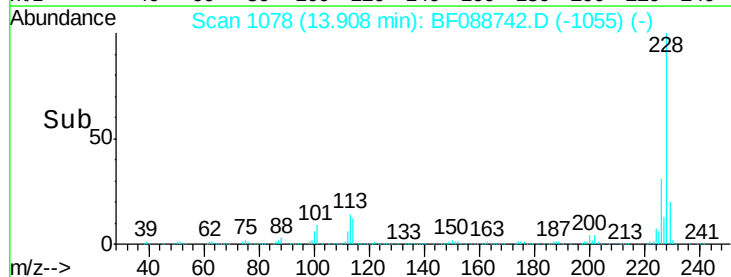
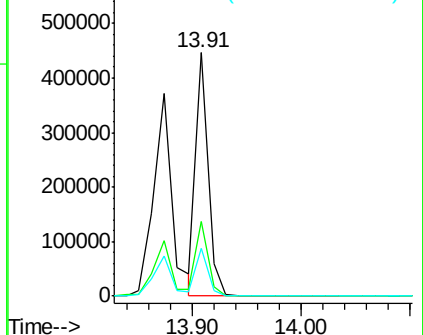


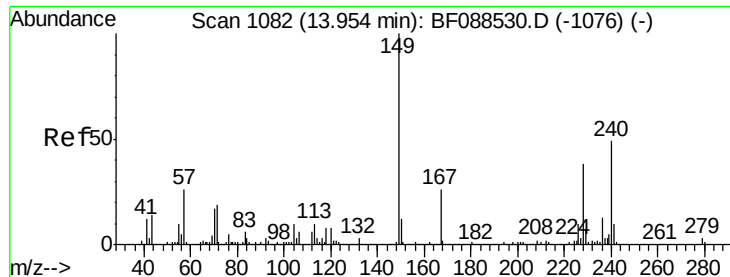
#82
 Chrysene
 Concen: 21.87 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. -0.03 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

Tgt Ion: 228 Resp: 353401
 Ion Ratio Lower Upper
 228 100
 226 30.6 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: 55.06 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.02 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMSD

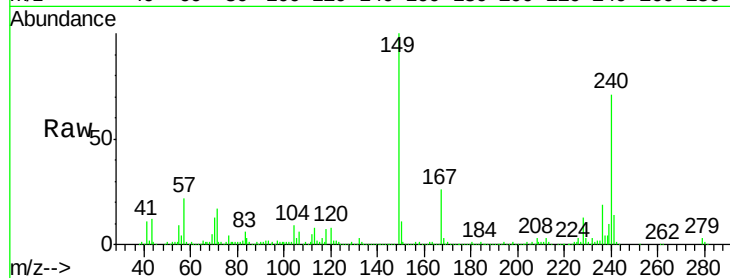
Tgt Ion:149 Resp: 603096

Ion Ratio Lower Upper

149 100

167 26.1 20.5 30.7

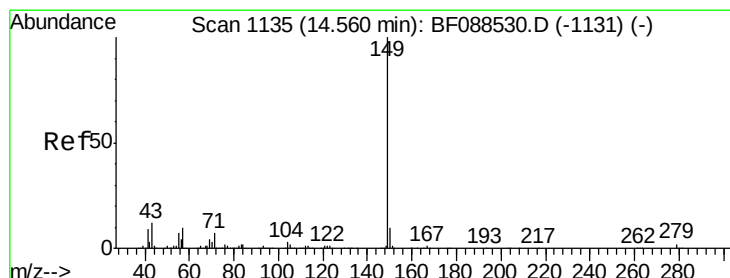
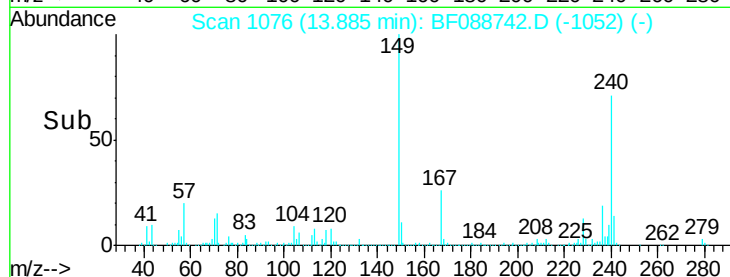
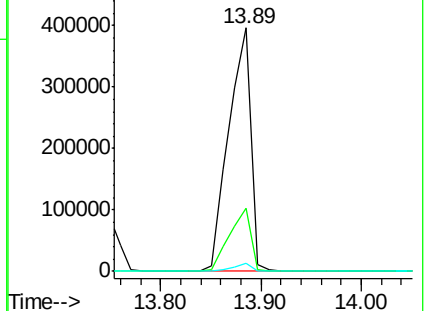
279 3.4 2.0 3.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 36.17 ng

RT: 14.49 min Scan# 1129

Delta R.T. -0.02 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

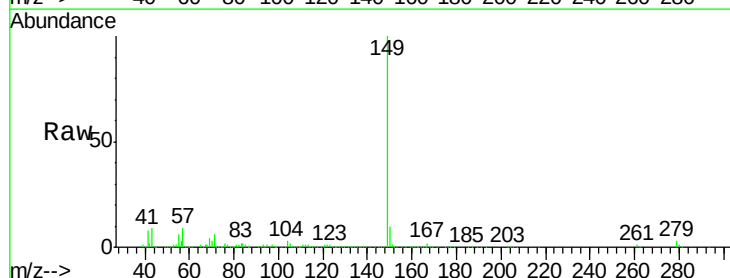
Tgt Ion:149 Resp: 673049

Ion Ratio Lower Upper

149 100

167 0.0 0.0 0.0

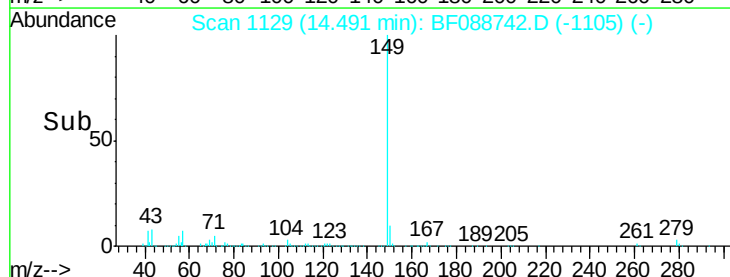
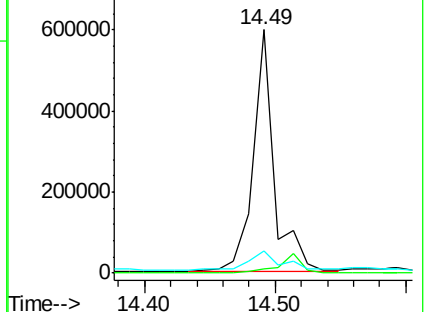
43 12.1 0.0 0.0#

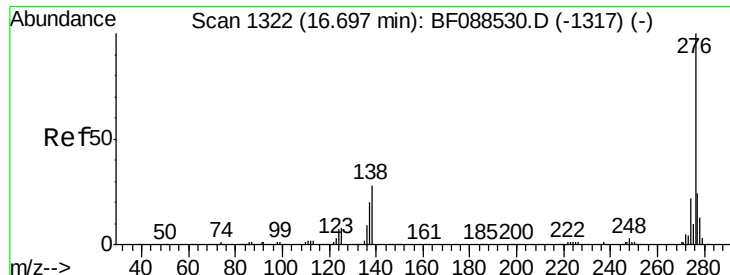


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

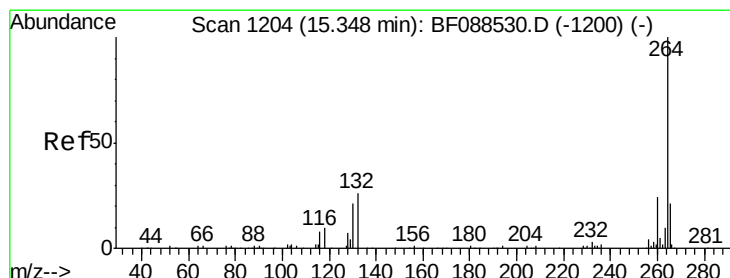
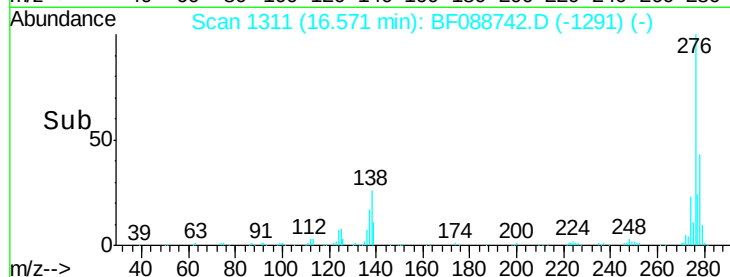
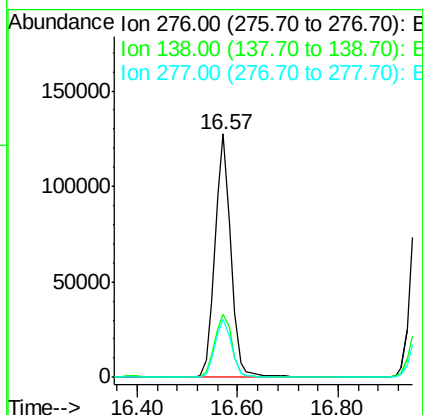
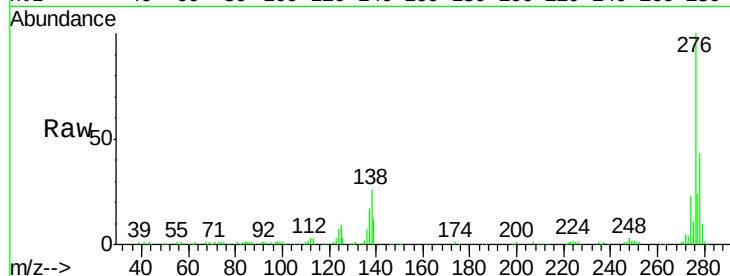




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 22.51 ng
 RT: 16.57 min Scan# 1311
 Delta R.T. -0.07 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

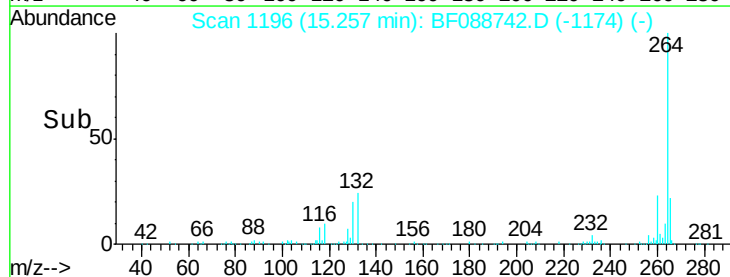
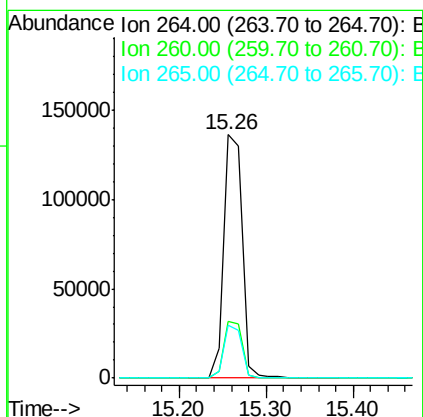
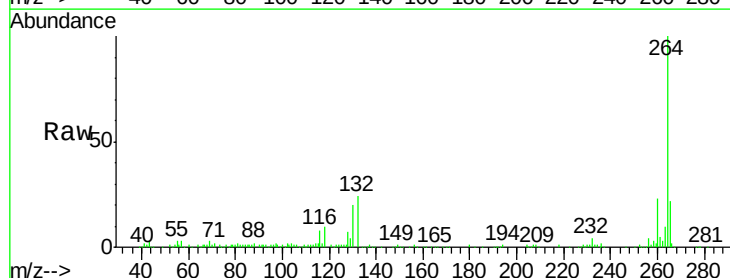
Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMSD

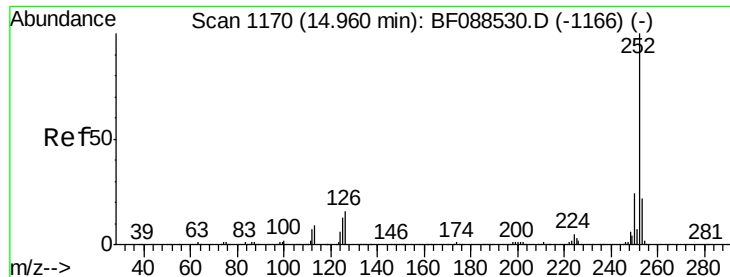
Tgt Ion: 276 Resp: 279848
 Ion Ratio Lower Upper
 276 100
 138 28.6 0.0 0.0#
 277 25.0 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.26 min Scan# 1196
 Delta R.T. -0.05 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

Tgt Ion: 264 Resp: 202116
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.6 16.9 25.3

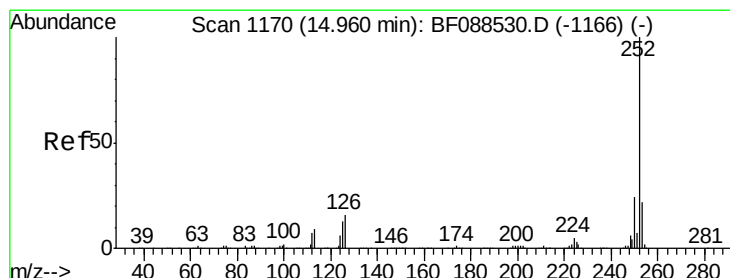
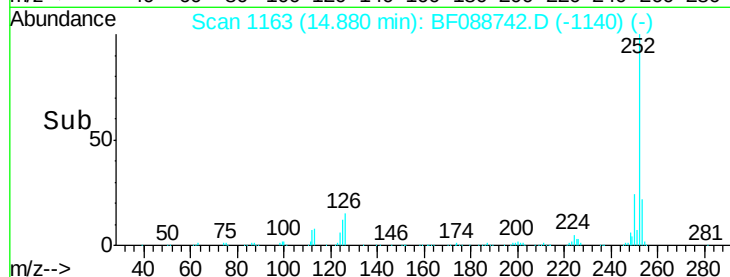
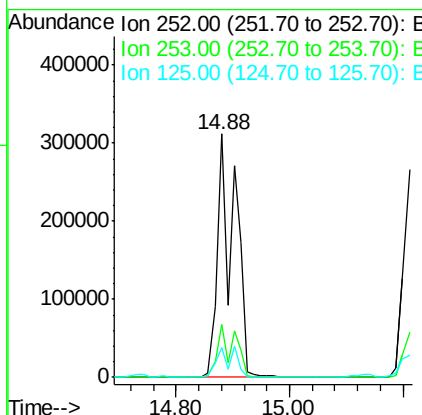
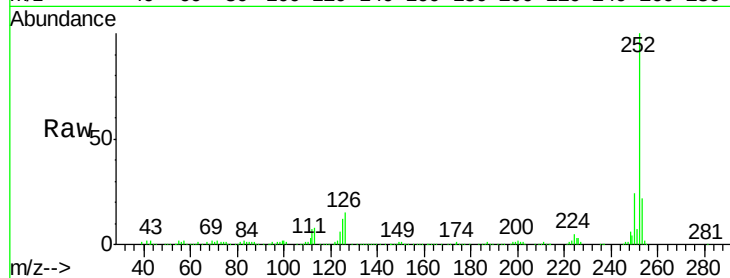




#87
Benzo(b)fluoranthene
Concen: 52.35 ng
RT: 14.88 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

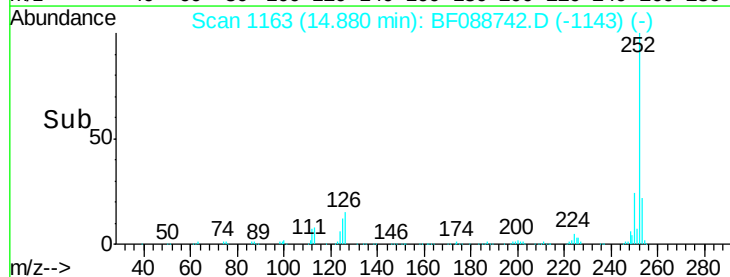
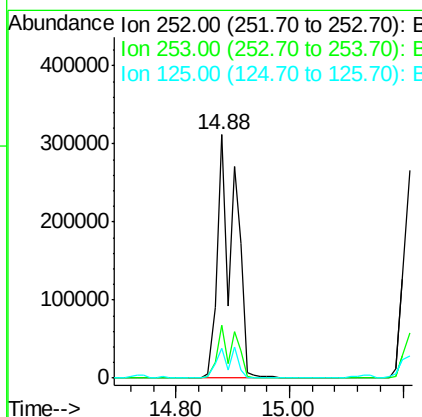
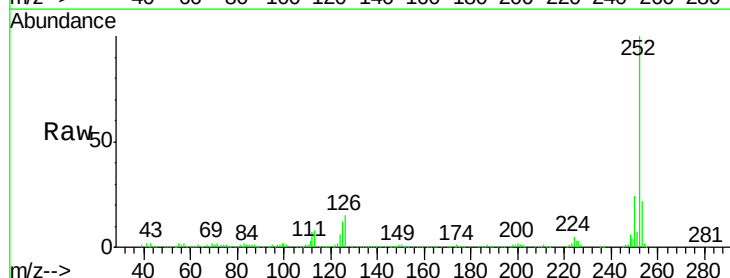
Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

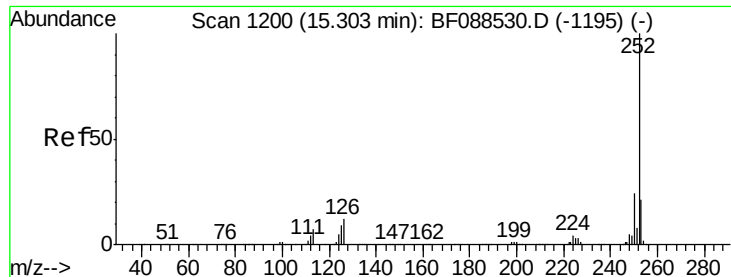
Tgt Ion:252 Resp: 663751
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 12.2 7.1 10.7#



#88
Benzo(k)fluoranthene
Concen: 60.14 ng
RT: 14.88 min Scan# 1163
Delta R.T. -0.07 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Tgt Ion:252 Resp: 663751
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 12.2 11.2 16.8

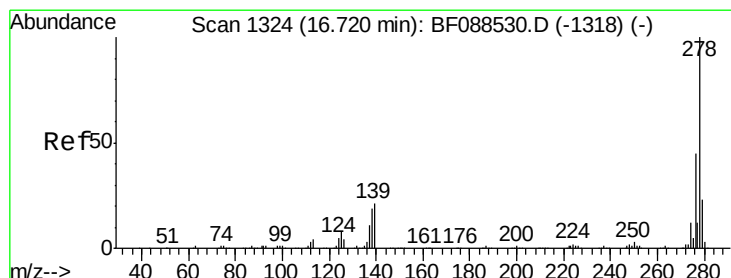
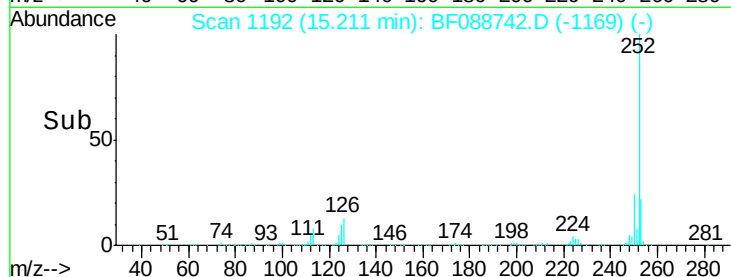
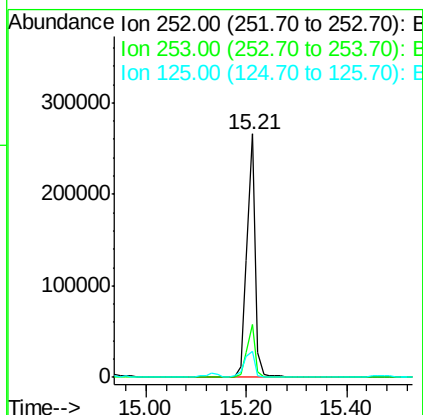
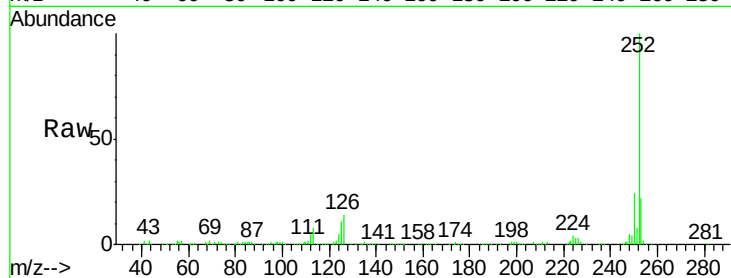




#89
Benzo(a)pyrene
Concen: 28.69 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.03 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

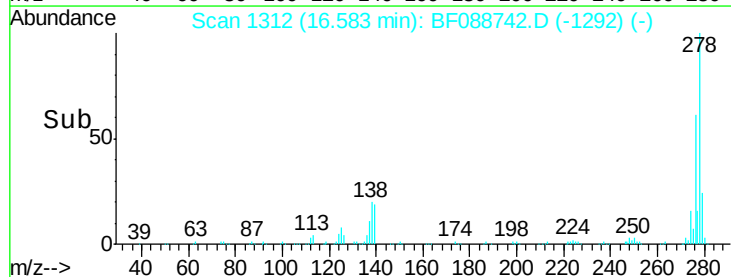
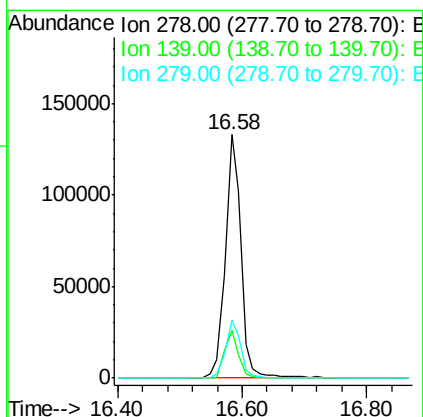
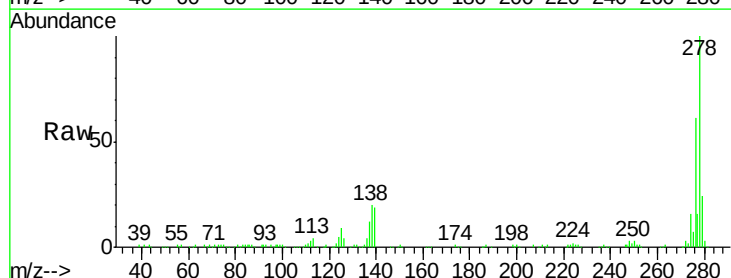
Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

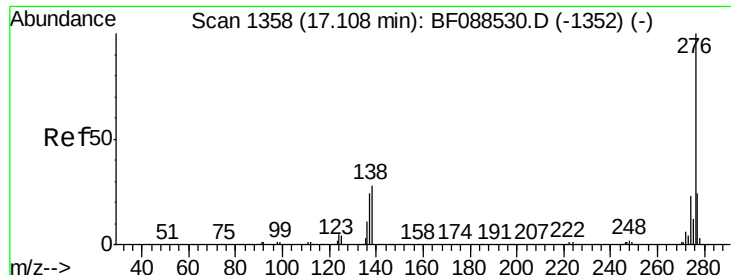
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	10.6	12.5	18.7#



#90
Dibenzo(a,h)anthracene
Concen: 25.85 ng
RT: 16.58 min Scan# 1312
Delta R.T. -0.07 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.4	15.7	23.5
279	23.7	19.4	29.2





#91

Benzo(g,h,i)perylene

Concen: 24.89 ng

RT: 16.96 min Scan# 1345

Delta R.T. -0.08 min

Lab File: BF088742.D

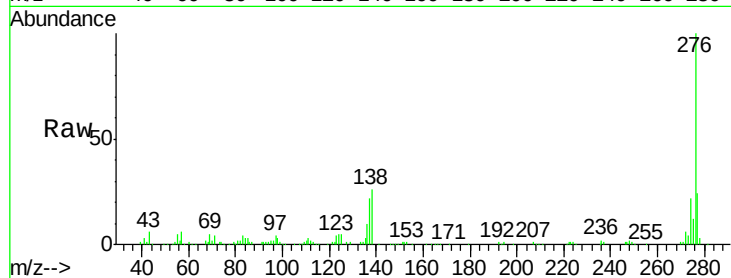
Acq: 6 Jul 2016 19:03

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMSD



Tgt Ion:	276	Resp:	230867
Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	25.5	21.4	32.2

