

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
 Data File : BF088782.D
 Acq On : 7 Jul 2016 16:17
 Operator : UM/SJ
 Sample : H3837-08MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C1.2-6MS

Quant Time: Jul 08 01:39:45 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	6.74	152	89097	20.00	ng	-0.03
21) Naphthalene-d8	8.03	136	378278	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	176086	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	337693	20.00	ng	-0.03
75) Chrysene-d12	13.89	240	215714	20.00	ng	-0.03
86) Perylene-d12	15.27	264	169320	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	673642	113.31	ng	-0.02
7) Phenol-d6	6.40	99	864497	112.54	ng	-0.01
23) Nitrobenzene-d5	7.31	82	595817	82.54	ng	-0.03
41) 2,4,6-Tribromophenol	10.58	330	244729	149.67	ng	-0.02
44) 2-Fluorobiphenyl	9.11	172	977838	87.72	ng	-0.03
78) Terphenyl-d14	12.86	244	1066937	110.17	ng	-0.01

Target Compounds

						Qvalue
3) Pyridine	3.02	79	211796	24.76	ng	91
4) n-Nitrosodimethylamine	2.96	42	72405	22.16	ng	88
6) Aniline	6.41	93	101439	9.06	ng	# 1
8) 2-Chlorophenol	6.54	128	271425	42.48	ng	87
9) Benzaldehyde	6.28	77	170256	32.72	ng	88
10) Phenol	6.41	94	355858	40.59	ng	85
11) bis(2-Chloroethyl)ether	6.48	93	252839	38.67	ng	89
12) 1,3-Dichlorobenzene	6.68	146	277913	39.53	ng	98
13) 1,4-Dichlorobenzene	6.76	146	273035	39.12	ng	99
14) 1,2-Dichlorobenzene	6.76	146	273035	41.80	ng	97
15) Benzyl Alcohol	6.90	79	240205	42.49	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.03	45	293482	31.00	ng	67
17) 2-Methylphenol	7.02	107	213002	40.86	ng	92
18) Hexachloroethane	7.26	117	105093	38.93	ng	89
19) n-Nitroso-di-n-propylamine	7.18	70	211408	40.97	ng	# 84
20) 3+4-Methylphenols	7.18	107	288406	46.10	ng	# 76
22) Acetophenone	7.15	105	381472	41.55	ng	# 92
24) Nitrobenzene	7.32	77	281120	38.63	ng	# 80
25) Isophorone	7.58	82	510235	38.16	ng	95
26) 2-Nitrophenol	7.64	139	131178	43.95	ng	97
27) 2,4-Dimethylphenol	7.70	122	262339	42.20	ng	91
28) bis(2-Chloroethoxy)methane	7.78	93	320465	36.83	ng	# 95
29) 2,4-Dichlorophenol	7.90	162	227164	45.22	ng	99
30) 1,2,4-Trichlorobenzene	7.98	180	228685	41.48	ng	97
31) Naphthalene	8.06	128	749342	40.18	ng	98
32) Benzoic acid	7.90	122	100944	22.37	ng	92
33) 4-Chloroaniline	8.26	127	33795	4.07	ng	98
34) Hexachlorobutadiene	8.17	225	117627	39.85	ng	99
35) Caprolactam	8.56	113	43846	25.70	ng	97
36) 4-Chloro-3-methylphenol	8.60	107	277944	46.79	ng	99
37) 2-Methylnaphthalene	8.74	142	467855	38.96	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	223045	38.08	ng	# 1
40) Hexachlorocyclopentadiene	8.90	237	219187	76.25	ng	100
42) 2,4,6-Trichlorophenol	9.03	196	151696	39.28	ng	97

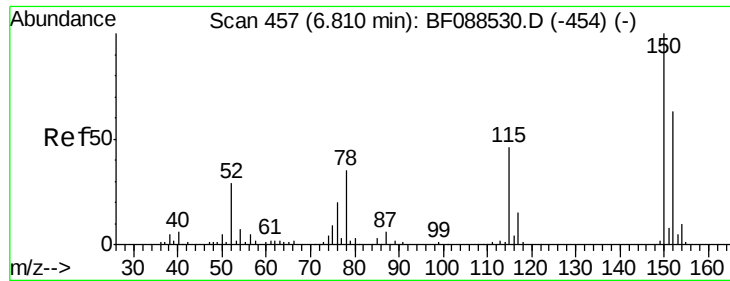
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.07	196	166373	50.08	ng	96
45) 1,1'-Biphenyl	9.21	154	607031	41.63	ng	98
46) 2-Chloronaphthalene	9.23	162	484255	42.30	ng	99
47) 2-Nitroaniline	9.34	65	166925	41.09	ng	# 68
48) Acenaphthylene	9.64	152	709431	38.95	ng	99
49) Dimethylphthalate	9.52	163	524933	41.84	ng	99
50) 2,6-Dinitrotoluene	9.58	165	123977	44.59	ng	# 54
51) Acenaphthene	9.82	154	472273	42.30	ng	97
52) 3-Nitroaniline	9.74	138	82251	23.27	ng	# 79
53) 2,4-Dinitrophenol	9.85	184	87881	71.59	ng	95
54) Dibenzofuran	9.99	168	599908	41.05	ng	# 85
55) 4-Nitrophenol	9.93	139	187847	69.94	ng	91
56) 2,4-Dinitrotoluene	9.98	165	150020	41.27	ng	# 46
57) Fluorene	10.33	166	483121	42.90	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.11	232	125268	48.73	ng	# 45
59) Diethylphthalate	10.22	149	590748	46.92	ng	98
60) 4-Chlorophenyl-phenylether	10.33	204	239483	45.77	ng	91
61) 4-Nitroaniline	10.36	138	125282	36.83	ng	95
62) Azobenzene	10.48	77	631222	43.96	ng	93
64) 4,6-Dinitro-2-methylphenol	10.39	198	73242	40.55	ng	# 76
65) n-Nitrosodiphenylamine	10.44	169	430778	37.69	ng	99
66) 4-Bromophenyl-phenylether	10.81	248	136466	40.10	ng	# 73
67) Hexachlorobenzene	10.88	284	164874	43.77	ng	# 90
68) Atrazine	11.00	200	143665	40.34	ng	91
69) Pentachlorophenol	11.07	266	150992	67.73	ng	97
70) Phenanthrene	11.29	178	828334	44.87	ng	99
71) Anthracene	11.34	178	699834	38.13	ng	99
72) Carbazole	11.50	167	729949	42.25	ng	99
73) Di-n-butylphthalate	11.84	149	758217	37.73	ng	99
74) Fluoranthene	12.47	202	704935	37.67	ng	98
76) Benzidine	12.61	184	34605	3.17	ng	# 1
77) Pyrene	12.70	202	700552	38.30	ng	100
79) Butylbenzylphthalate	13.33	149	402797	49.37	ng	89
80) Benzo(a)anthracene	13.87	228	579599	41.73	ng	99
81) 3,3'-Dichlorobenzidine	13.84	252	103969	19.91	ng	# 92
82) Chrysene	13.92	228	584968	42.57	ng	98
83) Bis(2-ethylhexyl)phthalate	13.87	149	1092698	117.31	ng	99
84) Di-n-octyl phthalate	14.49	149	919826	58.13	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.58	276	532881	50.40	ng	# 100
87) Benzo(b)fluoranthene	14.91	252	937415	88.26	ng	# 98
88) Benzo(k)fluoranthene	14.91	252	937415	101.38	ng	# 97
89) Benzo(a)pyrene	15.21	252	405287	45.07	ng	99
90) Dibenzo(a,h)anthracene	16.61	278	442972	58.99	ng	# 95
91) Benzo(g,h,i)perylene	16.98	276	457618	58.89	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.03 min

Lab File: BF088782.D

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BNA_F

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C1.2-6MS

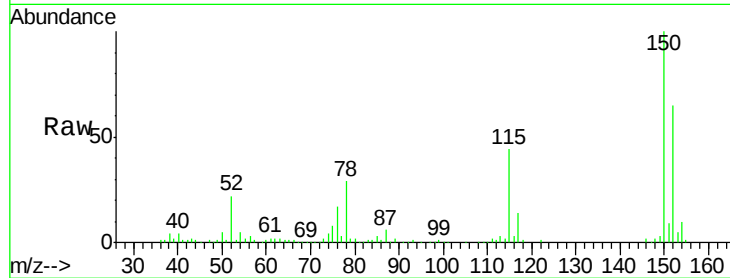
Tgt Ion:152 Resp: 89097

Ion Ratio Lower Upper

152 100

150 154.8 123.8 185.6

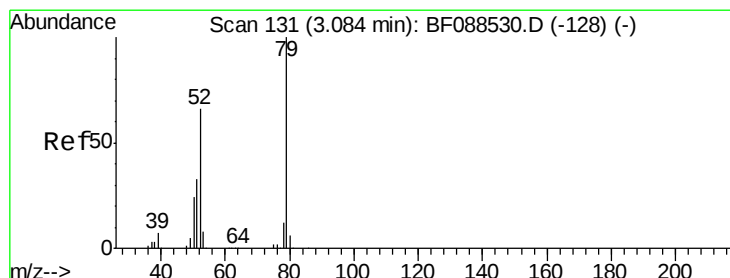
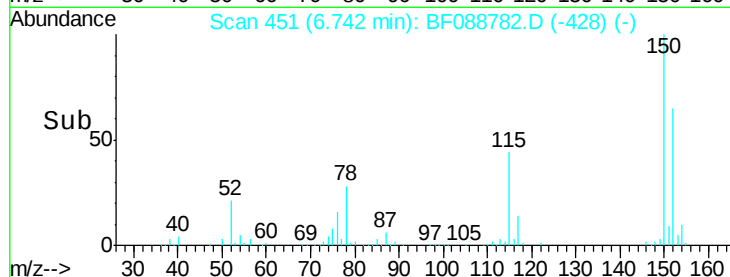
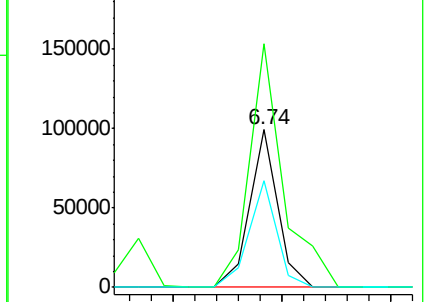
115 68.0 39.6 59.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#3

Pyridine

Concen: 24.76 ng

RT: 3.02 min Scan# 125

Delta R.T. 0.01 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

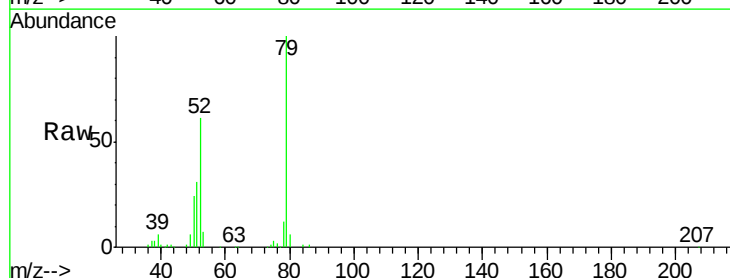
Tgt Ion: 79 Resp: 211796

Ion Ratio Lower Upper

79 100

52 61.4 56.3 84.5

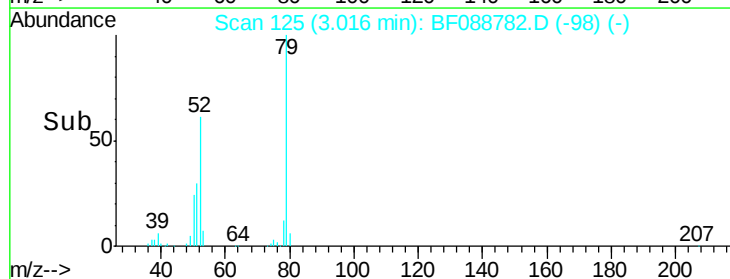
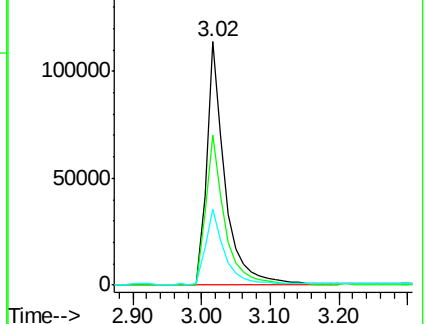
51 31.0 27.4 41.2

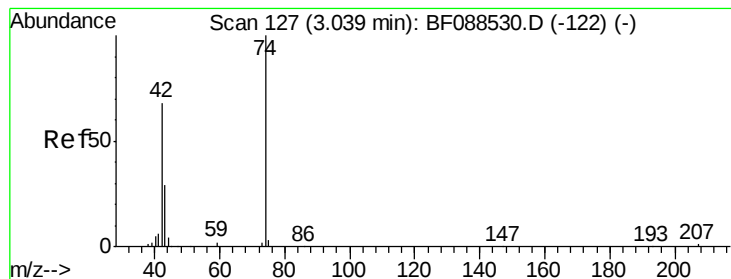


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0





#4

n-Nitrosodimethylamine

Concen: 22.16 ng

RT: 2.96 min Scan# 120

Delta R.T. -0.01 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

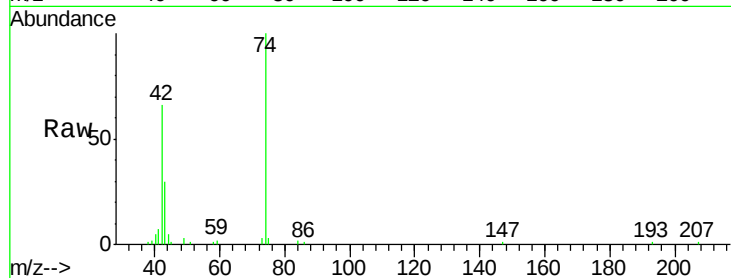
Tgt Ion: 42 Resp: 72405

Ion Ratio Lower Upper

42 100

74 150.4 108.6 163.0

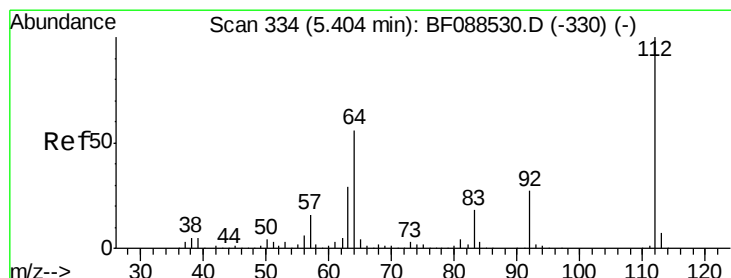
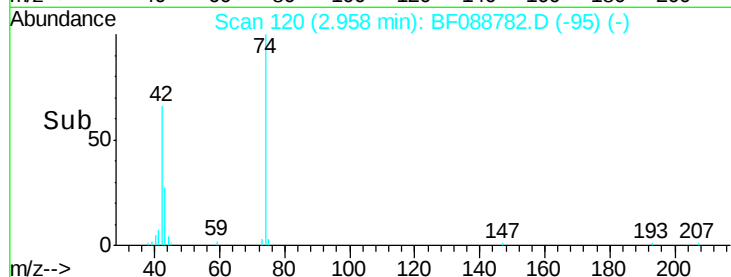
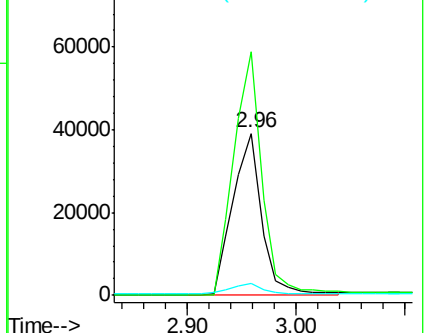
44 7.7 5.5 8.3



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: 113.31 ng

RT: 5.35 min Scan# 329

Delta R.T. -0.02 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

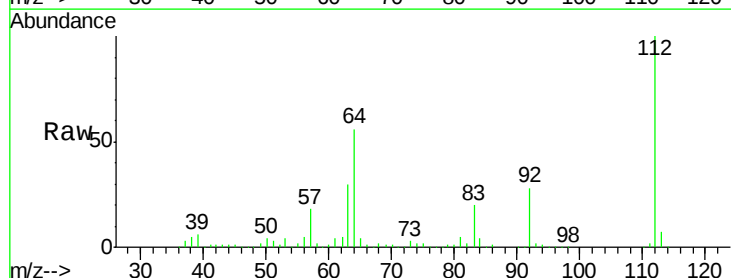
Tgt Ion: 112 Resp: 673642

Ion Ratio Lower Upper

112 100

64 56.5 42.2 63.2

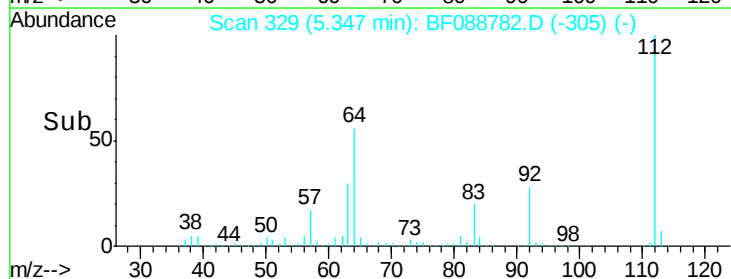
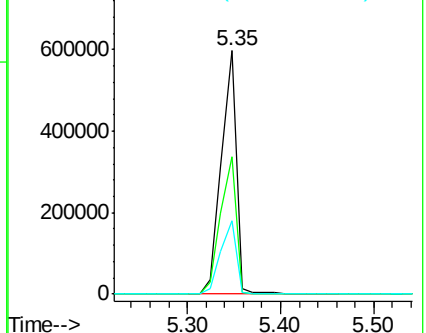
63 30.2 21.8 32.8

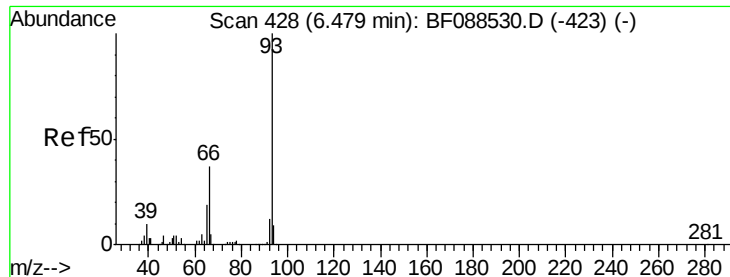


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 9.06 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.02 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

Instrument :

BNA_F

ClientSampled :

C1.2-6MS

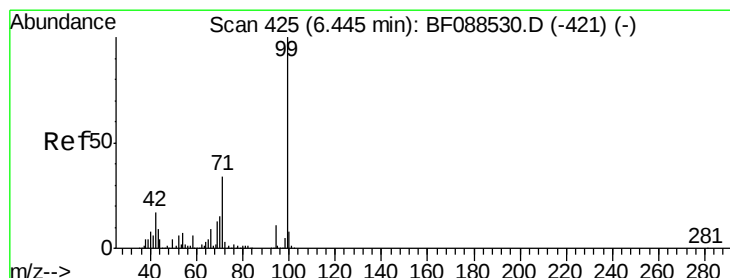
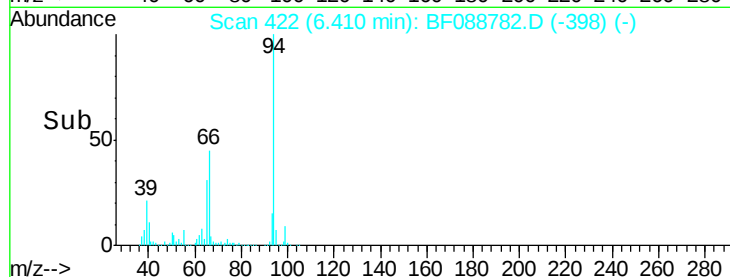
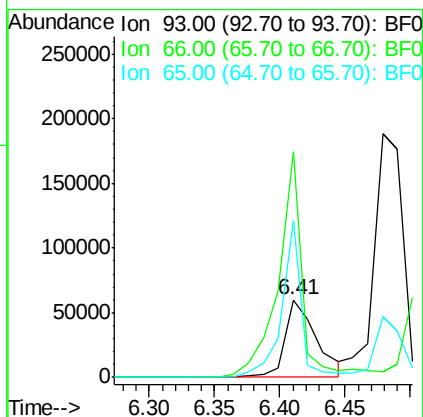
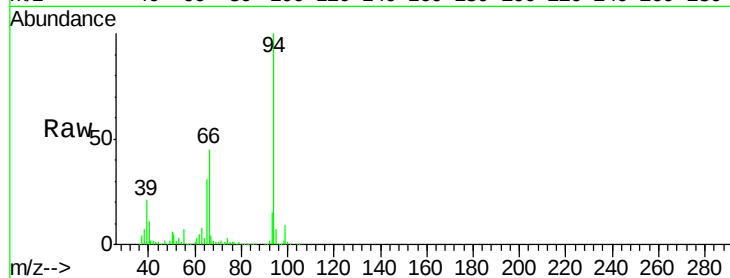
Tgt Ion: 93 Resp: 101439

Ion Ratio Lower Upper

93 100

66 292.7 29.8 44.8#

65 201.8 14.9 22.3#



#7

Phenol-d6

Concen: 112.54 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

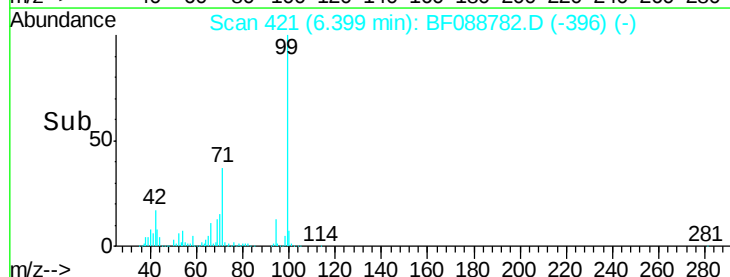
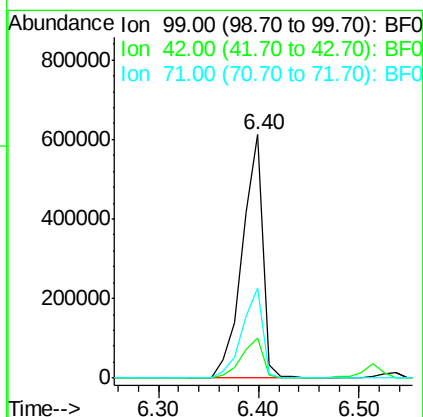
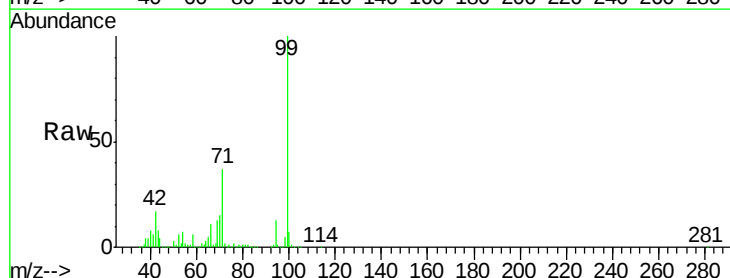
Tgt Ion: 99 Resp: 864497

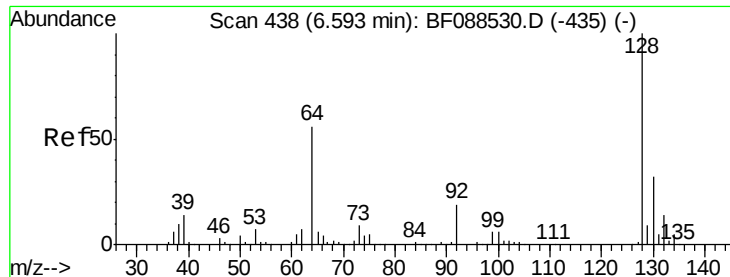
Ion Ratio Lower Upper

99 100

42 16.6 12.2 18.2

71 36.8 23.4 35.0#





#8

2-Chlorophenol

Concen: 42.48 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

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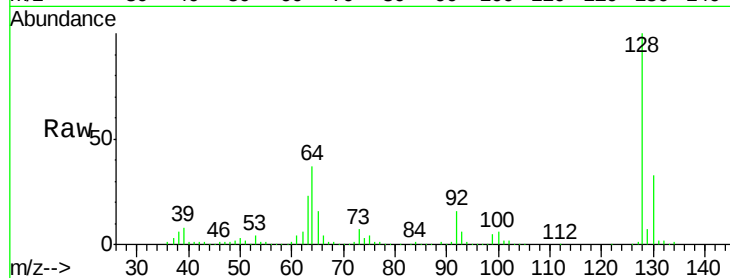
Tgt Ion:128 Resp: 271425

Ion Ratio Lower Upper

128 100

130 33.3 12.0 52.0

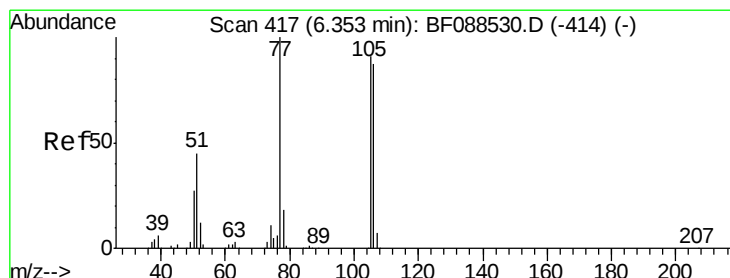
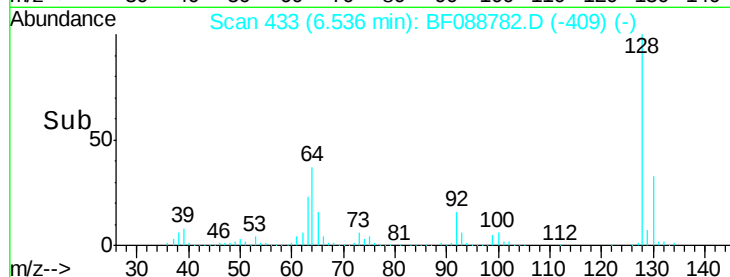
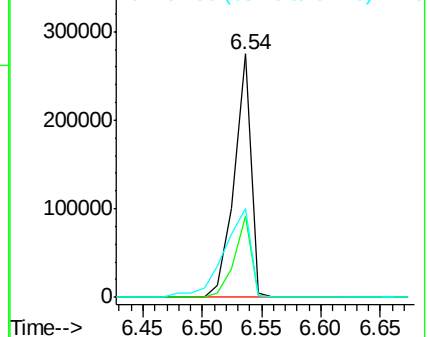
64 36.7 30.8 70.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): E



#9

Benzaldehyde

Concen: 32.72 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.03 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

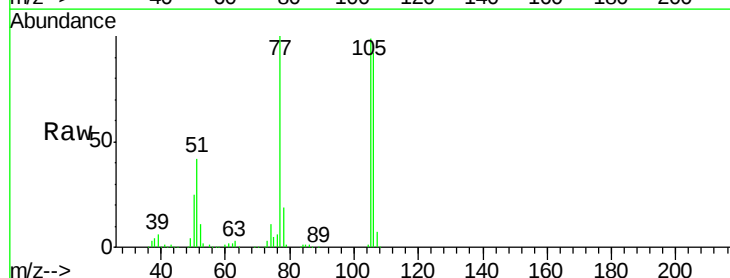
Tgt Ion: 77 Resp: 170256

Ion Ratio Lower Upper

77 100

105 98.9 90.6 130.6

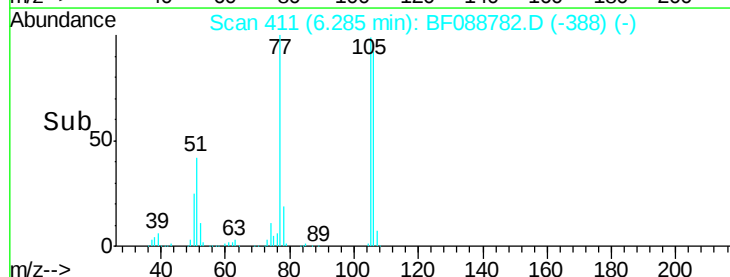
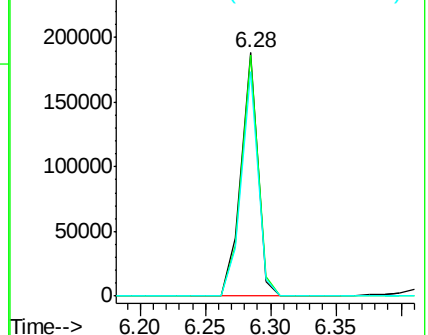
106 91.9 85.3 125.3

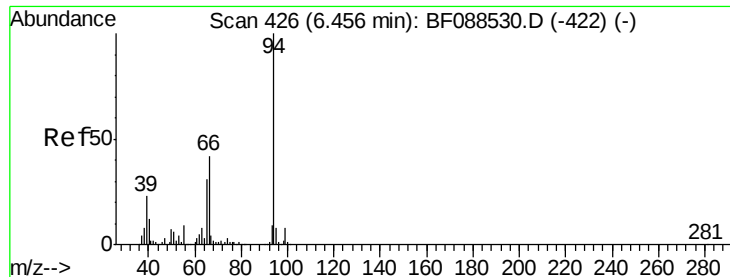


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 40.59 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.02 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

Instrument :

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ClientSampleId :

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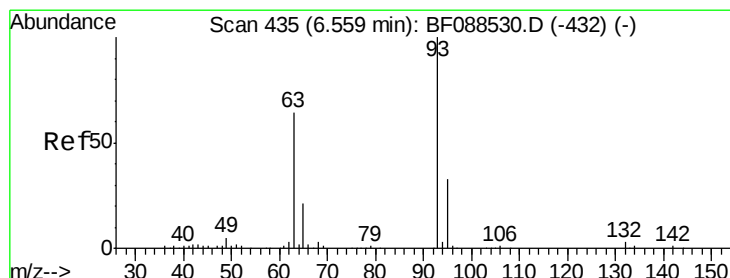
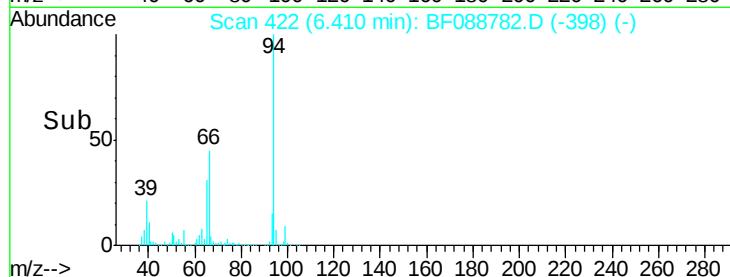
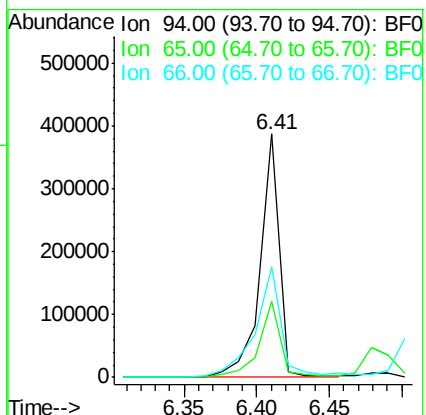
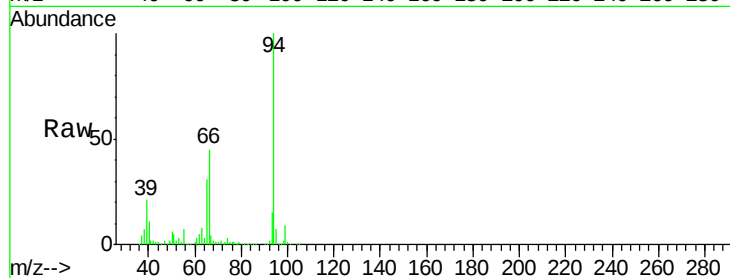
Tgt Ion: 94 Resp: 355858

Ion Ratio Lower Upper

94 100

65 31.1 5.9 45.9

66 45.2 14.0 54.0



#11

bis(2-Chloroethyl)ether

Concen: 38.67 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.03 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

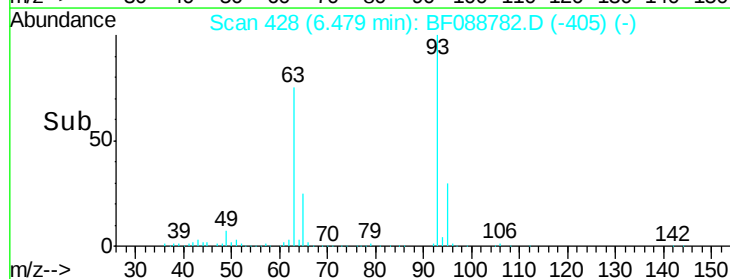
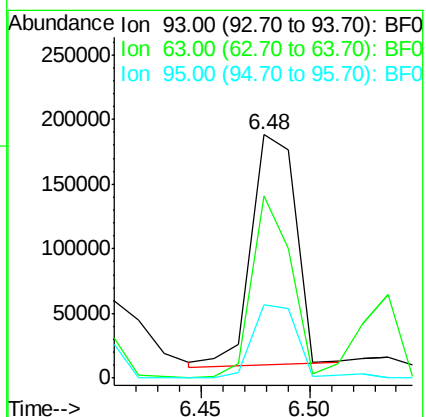
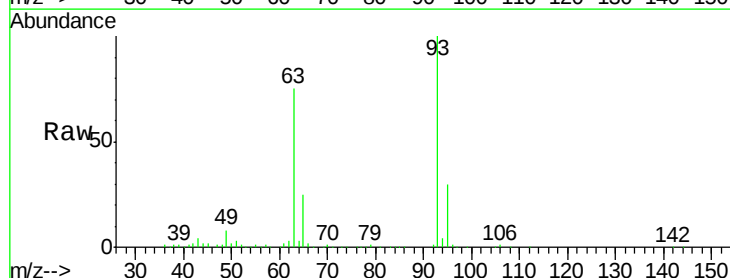
Tgt Ion: 93 Resp: 252839

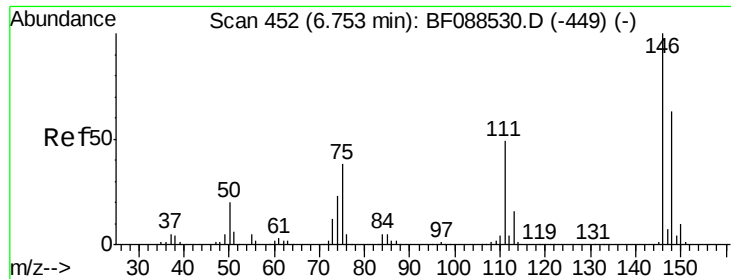
Ion Ratio Lower Upper

93 100

63 75.0 67.6 107.6

95 30.3 12.5 52.5

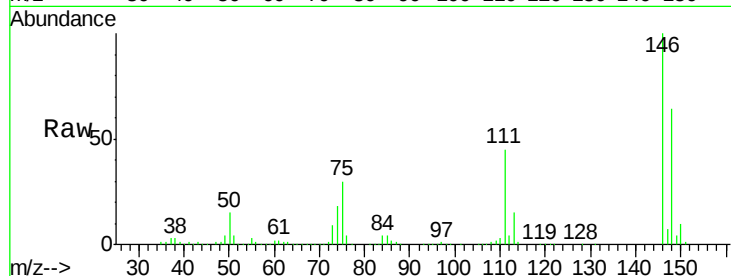




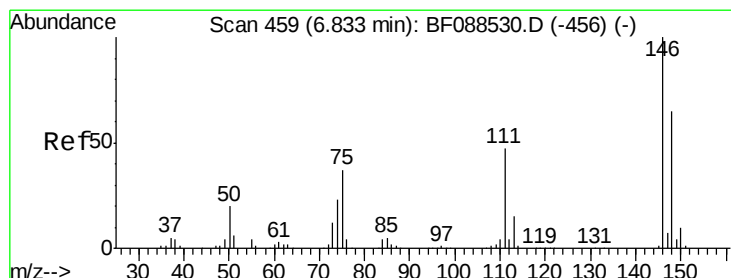
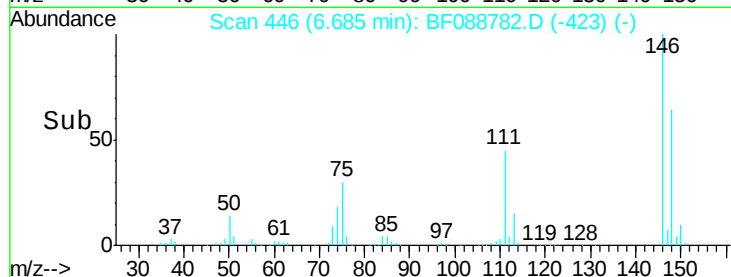
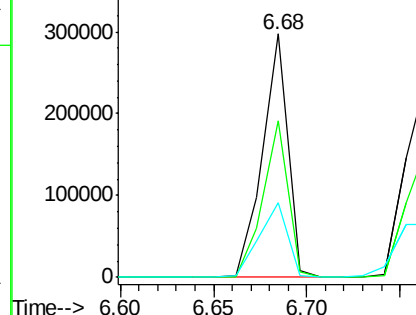
#12
 1,3-Dichlorobenzene
 Concen: 39.53 ng
 RT: 6.68 min Scan# 446
 Delta R.T. -0.03 min
 Lab File: BF088782.D
 Acq: 7 Jul 2016 16:17

Instrument :
 BNA_F
 ClientSampleId :
 C1.2-6MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.9	76.3
75	30.5	25.6	38.4

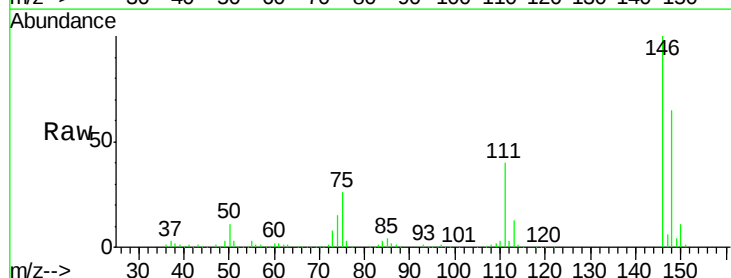


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

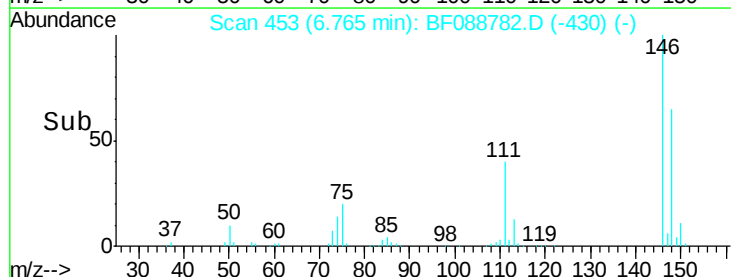
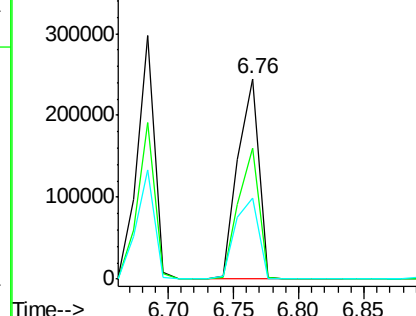


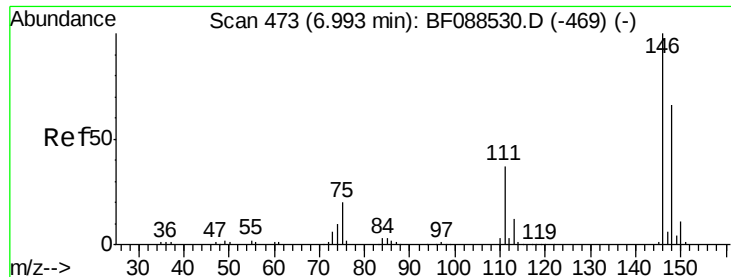
#13
 1,4-Dichlorobenzene
 Concen: 39.12 ng
 RT: 6.76 min Scan# 453
 Delta R.T. -0.03 min
 Lab File: BF088782.D
 Acq: 7 Jul 2016 16:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.0	78.0
111	40.4	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

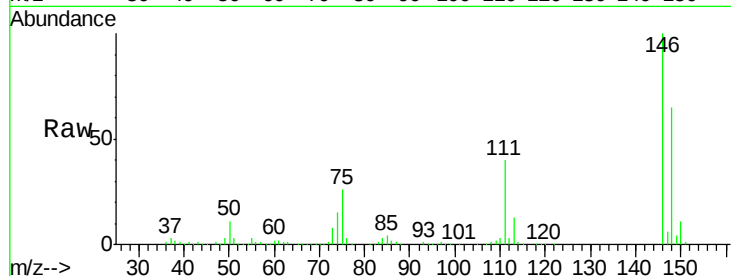




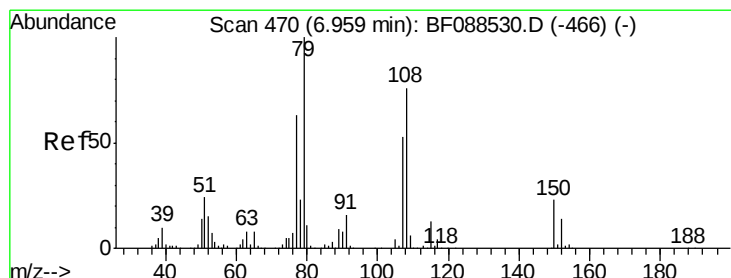
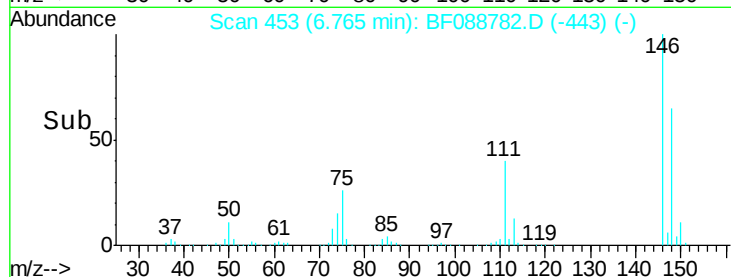
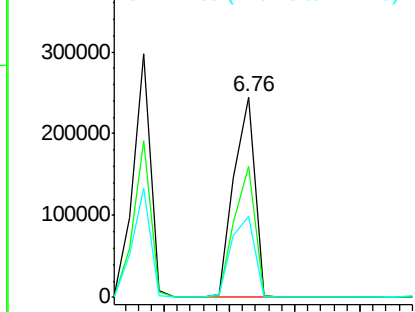
#14
1,2-Dichlorobenzene
Concen: 41.80 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.18 min
Lab File: BF088782.D
Acq: 7 Jul 2016 16:17

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tgt Ion:146 Resp: 273035
Ion Ratio Lower Upper
146 100
148 65.3 52.3 78.5
111 40.4 28.7 43.1

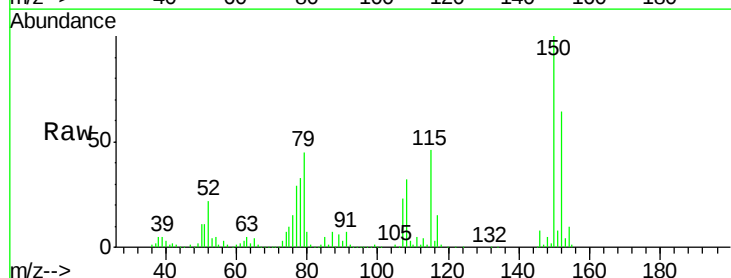


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

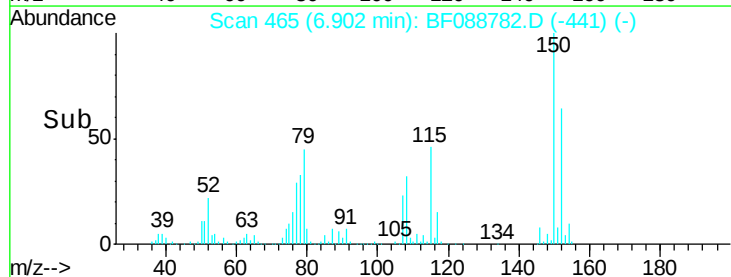
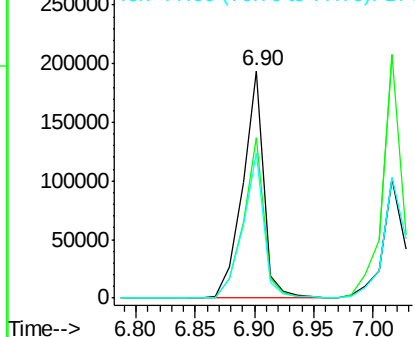


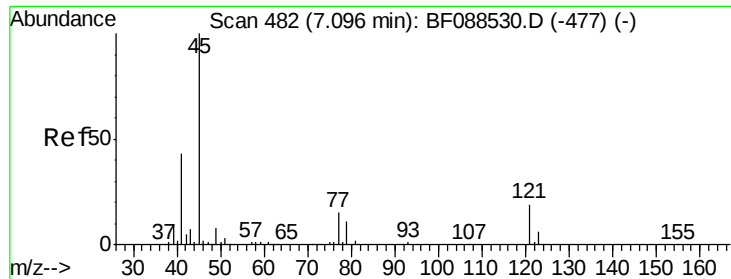
#15
Benzyl Alcohol
Concen: 42.49 ng
RT: 6.90 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF088782.D
Acq: 7 Jul 2016 16:17

Tgt Ion: 79 Resp: 240205
Ion Ratio Lower Upper
79 100
108 70.4 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): E
Ion 77.00 (76.70 to 77.70): BF0

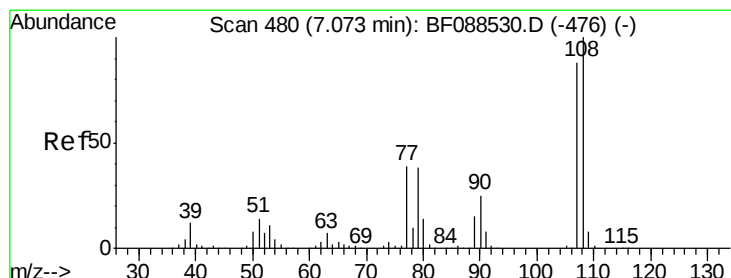
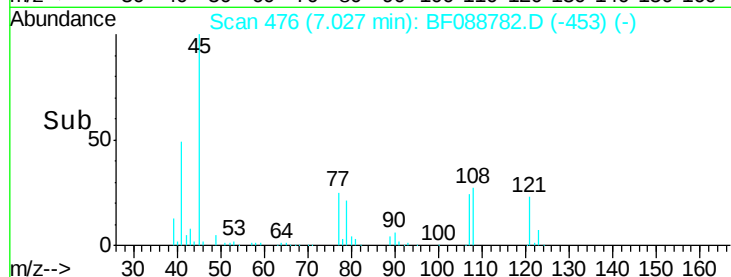
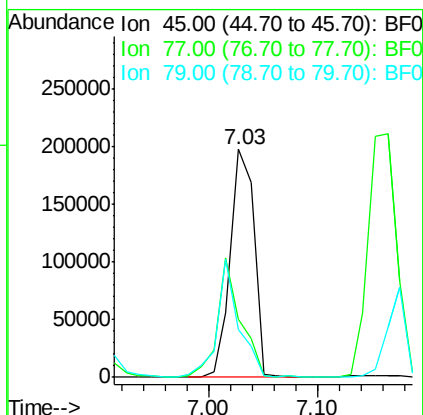
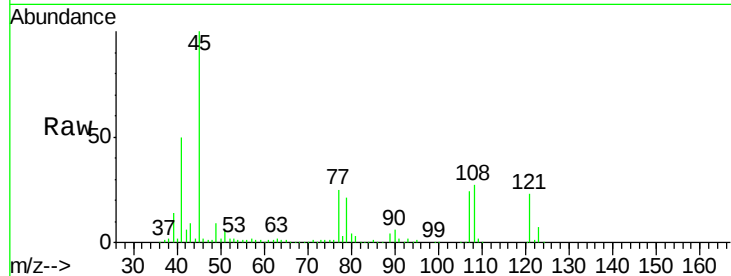




#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.00 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.03 min
Lab File: BF088782.D
Acq: 7 Jul 2016 16:17

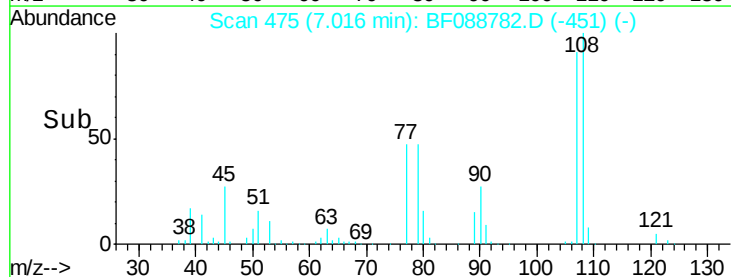
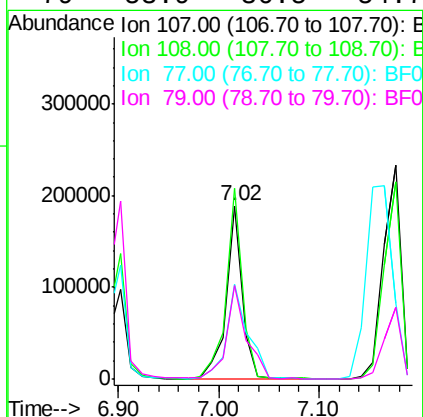
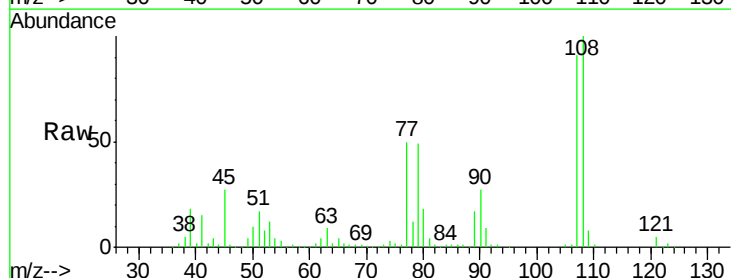
Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

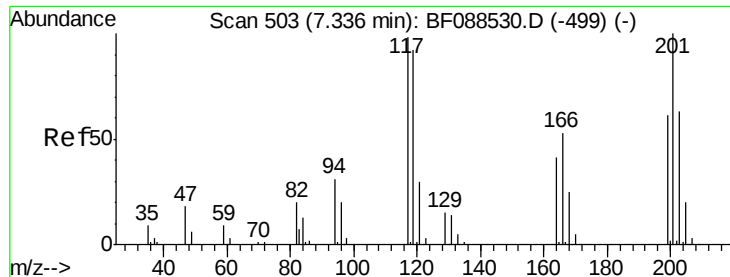
Tgt Ion: 45 Resp: 293482
Ion Ratio Lower Upper
45 100
77 25.5 0.0 32.5
79 21.2 0.0 29.5



#17
2-Methylphenol
Concen: 40.86 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF088782.D
Acq: 7 Jul 2016 16:17

Tgt Ion: 107 Resp: 213002
Ion Ratio Lower Upper
107 100
108 109.9 90.9 136.3
77 54.6 36.6 55.0
79 53.9 36.5 54.7





#18

Hexachloroethane

Concen: 38.93 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.03 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

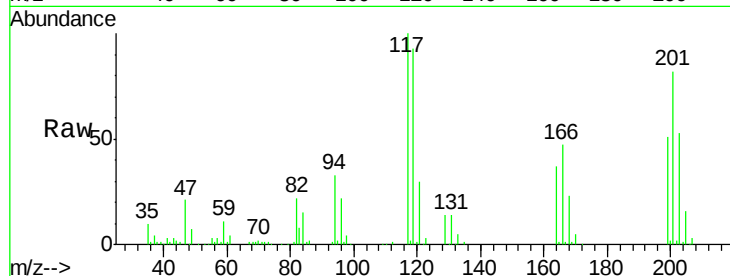
Tgt Ion:117 Resp: 105093

Ion Ratio Lower Upper

117 100

119 93.2 77.4 116.2

201 81.8 80.4 120.6

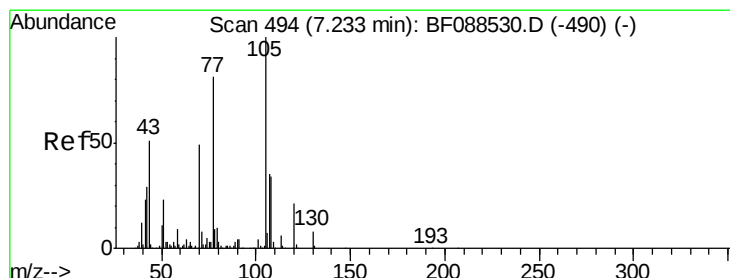
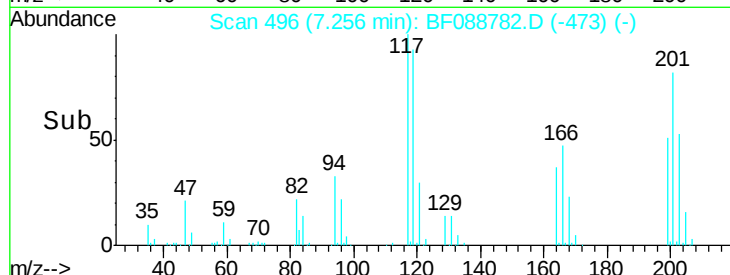
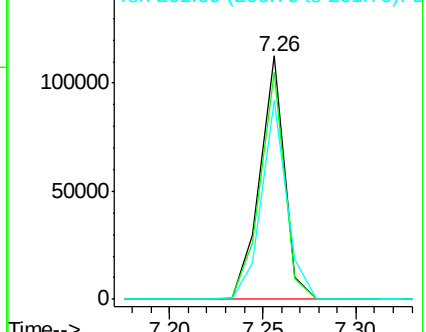


Abundance

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: 40.97 ng

RT: 7.18 min Scan# 489

Delta R.T. -0.02 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

Tgt Ion: 70 Resp: 211408

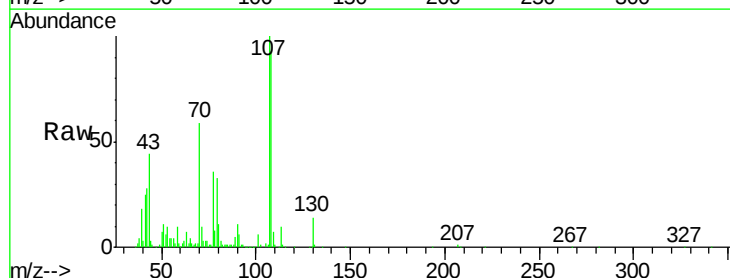
Ion Ratio Lower Upper

70 100

42 47.0 49.6 74.4#

101 10.1 7.1 10.7

130 23.3 15.4 23.2#



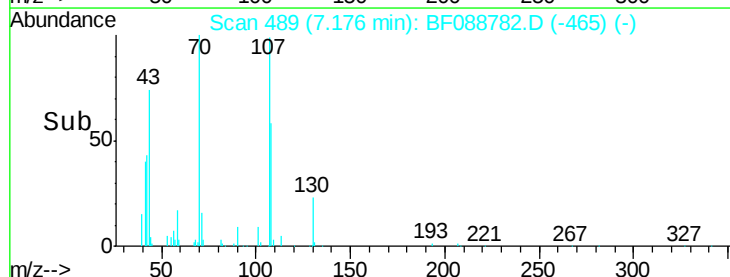
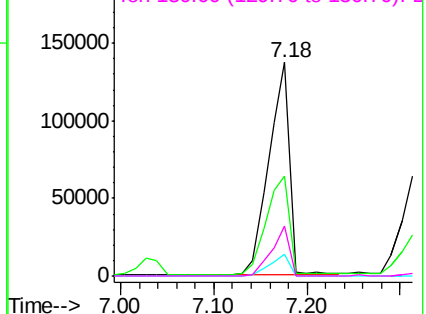
Abundance

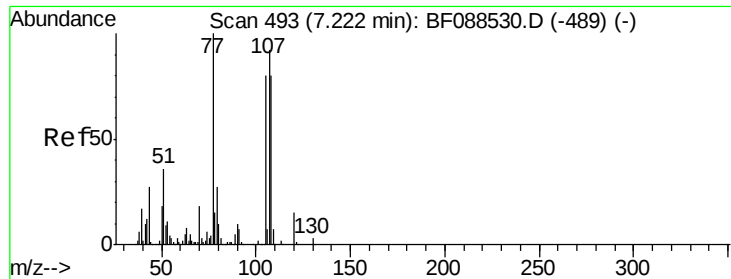
Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 46.10 ng

RT: 7.18 min Scan# 489

Delta R.T. -0.02 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

Tgt Ion:107 Resp: 288406

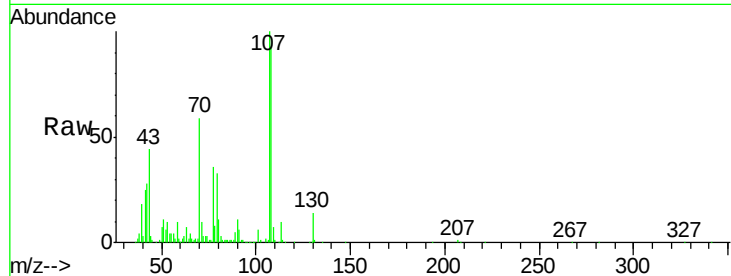
Ion Ratio Lower Upper

107 100

108 92.5 67.8 107.8

77 35.6 59.3 99.3#

79 33.5 7.0 47.0

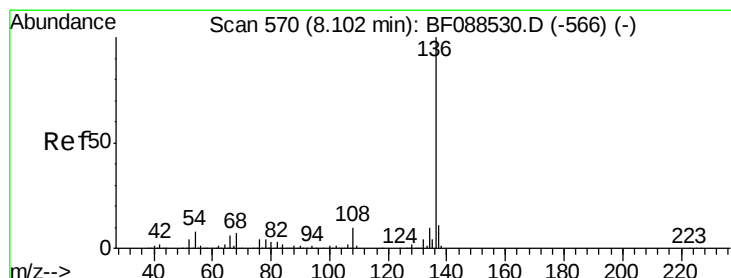
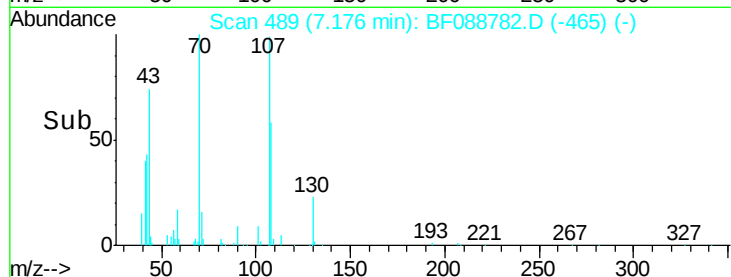
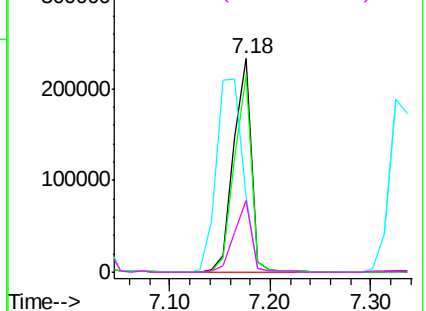


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 564

Delta R.T. -0.03 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

Tgt Ion:136 Resp: 378278

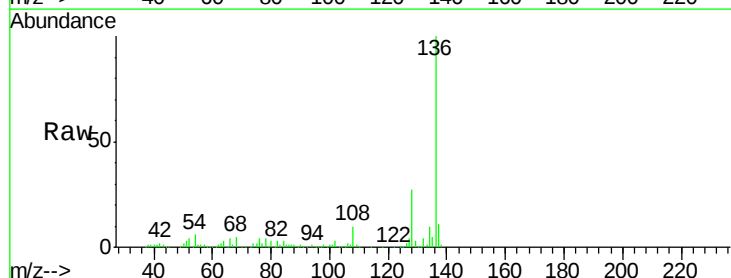
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 5.8 6.6 10.0#

68 5.0 5.1 7.7#

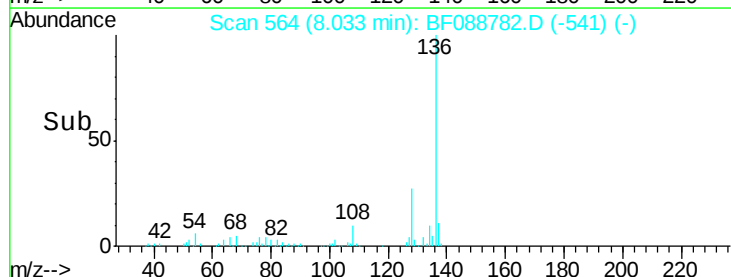
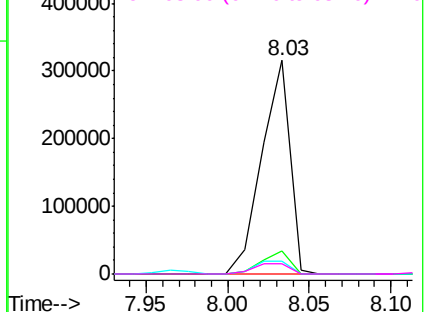


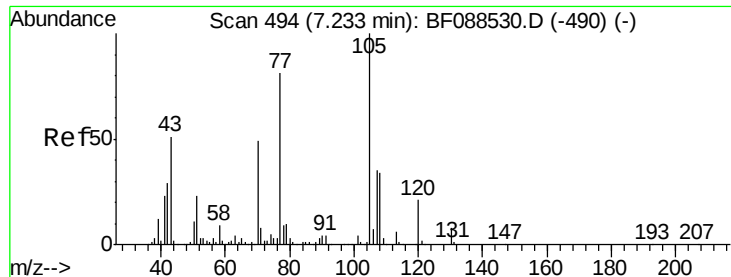
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 41.55 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.05 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

Tgt Ion:105 Resp: 381472

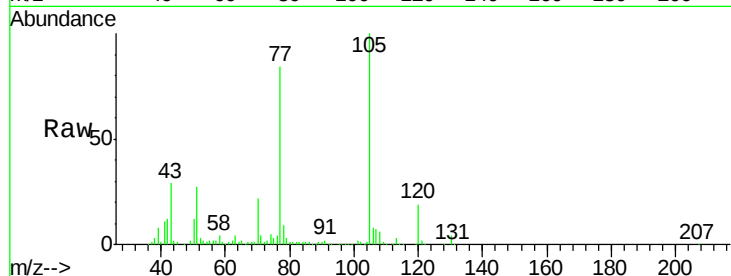
Ion Ratio Lower Upper

105 100

71 4.2 5.3 7.9#

51 27.5 18.2 27.4#

120 19.2 18.0 27.0

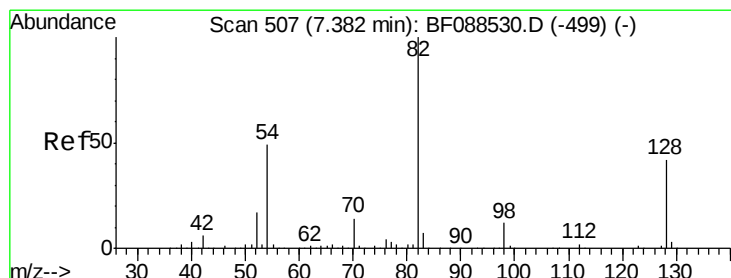
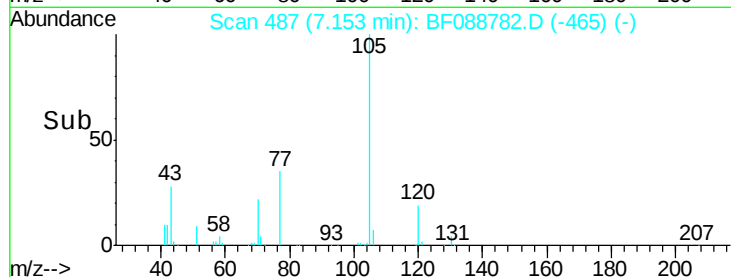
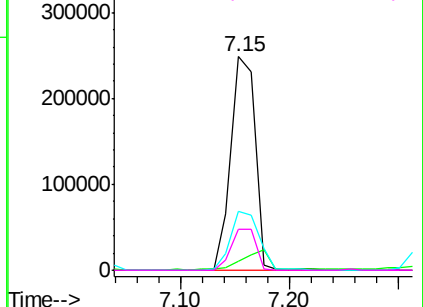


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 82.54 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.03 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

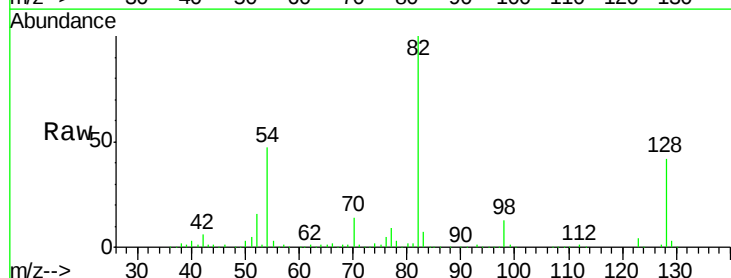
Tgt Ion: 82 Resp: 595817

Ion Ratio Lower Upper

82 100

128 42.1 35.9 53.9

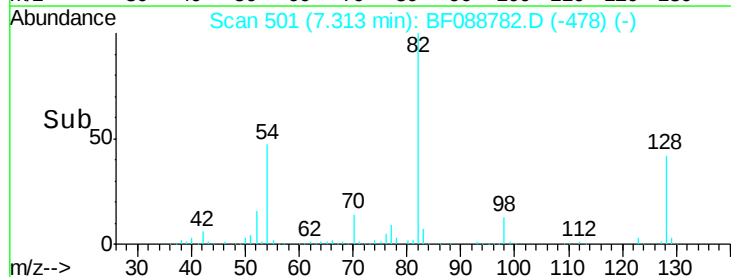
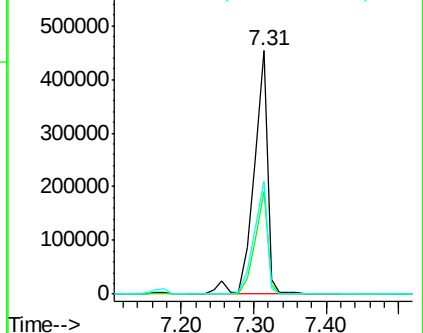
54 46.6 40.9 61.3

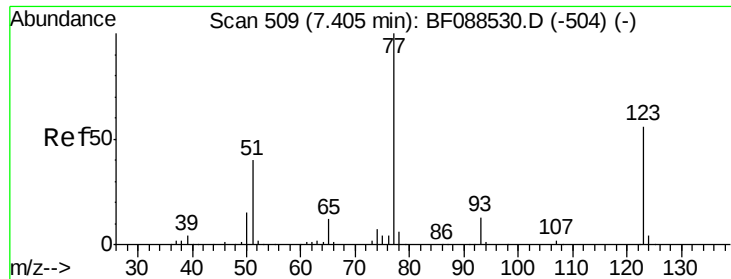


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 38.63 ng

RT: 7.32 min Scan# 502

Delta R.T. -0.03 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

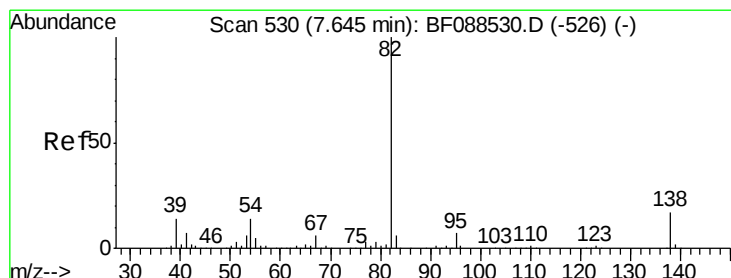
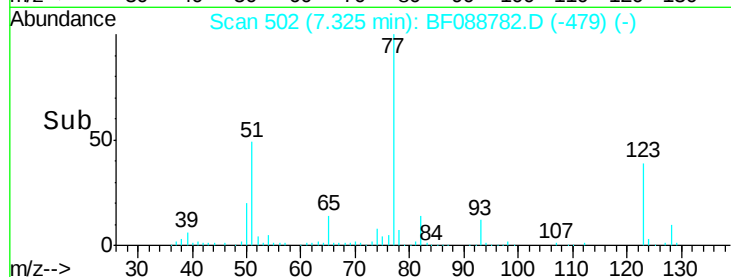
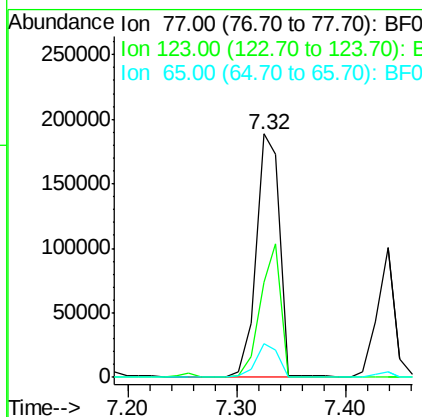
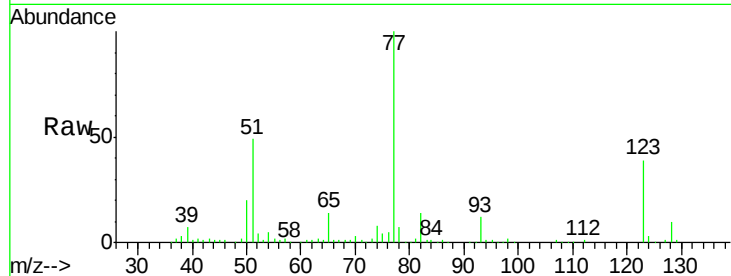
Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

Tgt Ion:	77	Resp:	281120
Ion	Ratio	Lower	Upper
77	100		
123	39.0	45.0	67.4#
65	13.7	10.2	15.2



#25

Isophorone

Concen: 38.16 ng

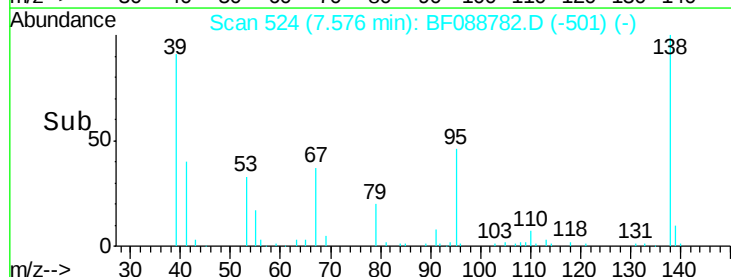
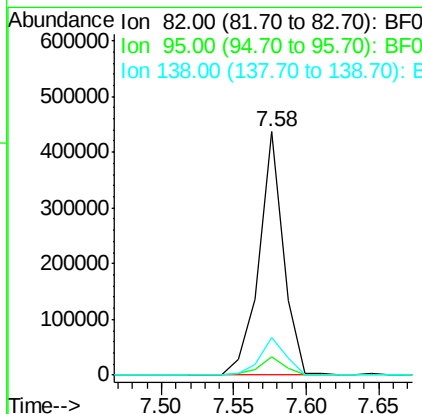
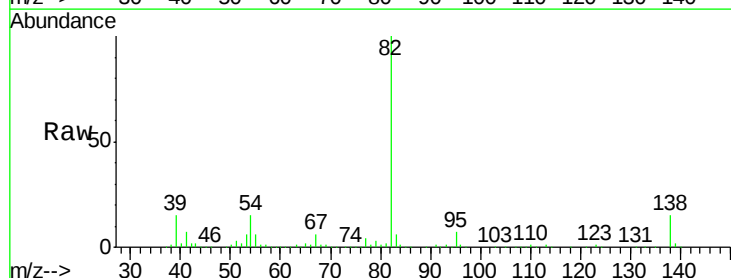
RT: 7.58 min Scan# 524

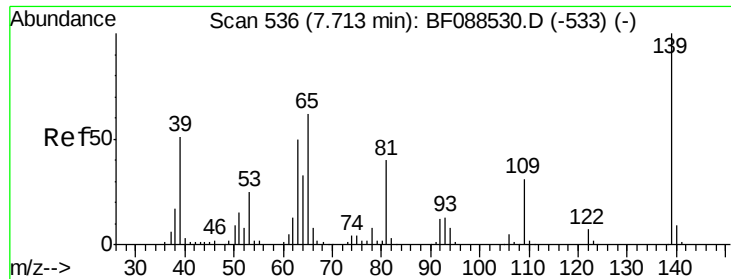
Delta R.T. -0.03 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

Tgt Ion:	82	Resp:	510235
Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.4	8.2
138	15.5	14.6	21.8

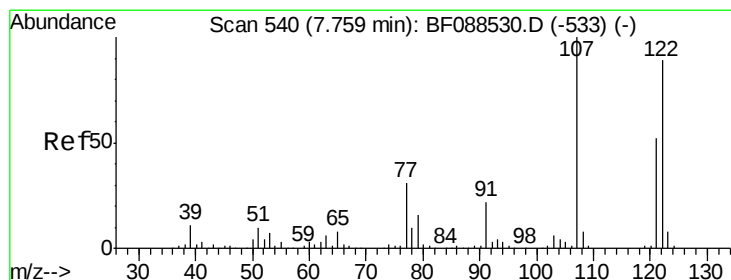
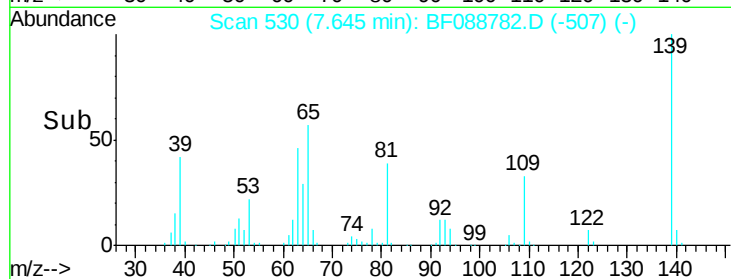
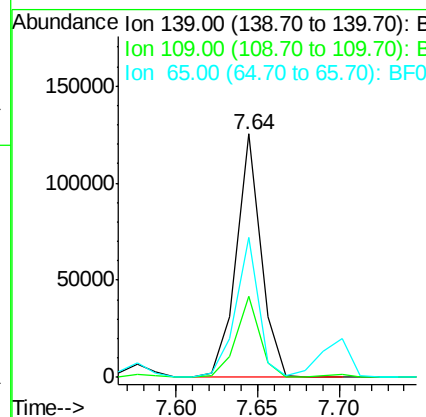
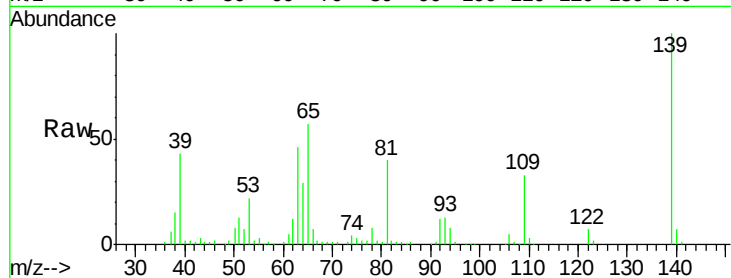




#26
 2-Nitrophenol
 Concen: 43.95 ng
 RT: 7.64 min Scan# 530
 Delta R.T. -0.03 min
 Lab File: BF088782.D
 Acq: 7 Jul 2016 16:17

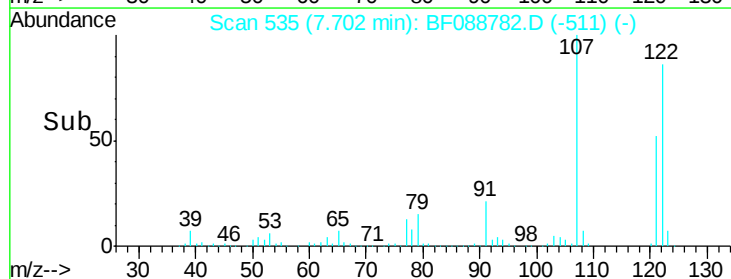
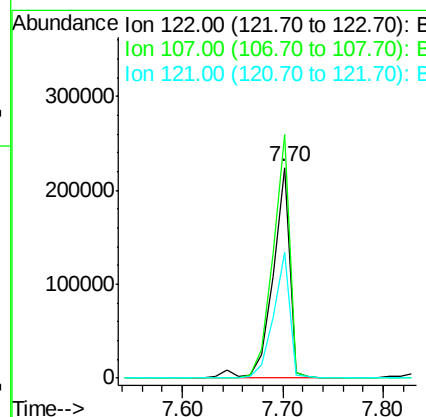
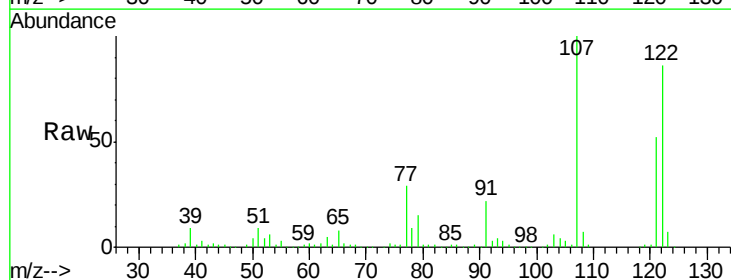
Instrument :
 BNA_F
 ClientSampleId :
 C1.2-6MS

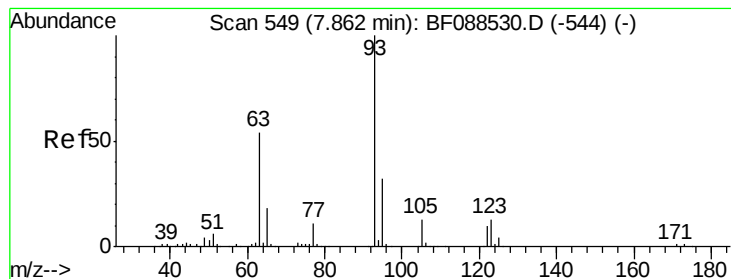
Tgt Ion:139 Resp: 131178
 Ion Ratio Lower Upper
 139 100
 109 33.5 23.0 34.4
 65 57.4 45.8 68.8



#27
 2,4-Dimethylphenol
 Concen: 42.20 ng
 RT: 7.70 min Scan# 535
 Delta R.T. -0.02 min
 Lab File: BF088782.D
 Acq: 7 Jul 2016 16:17

Tgt Ion:122 Resp: 262339
 Ion Ratio Lower Upper
 122 100
 107 115.7 82.4 123.6
 121 59.8 46.3 69.5





#28

bis(2-Chloroethoxy)methane

Concen: 36.83 ng

RT: 7.78 min Scan# 542

Delta R.T. -0.03 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

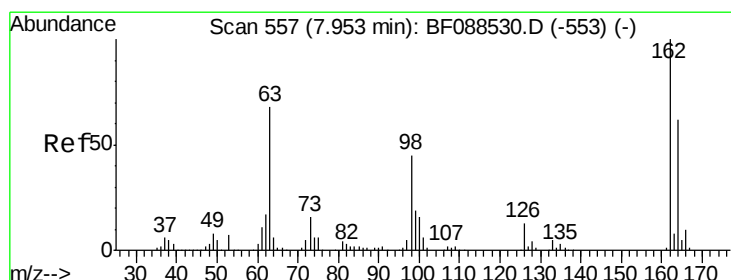
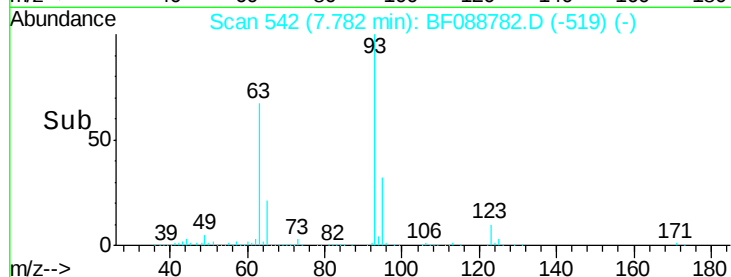
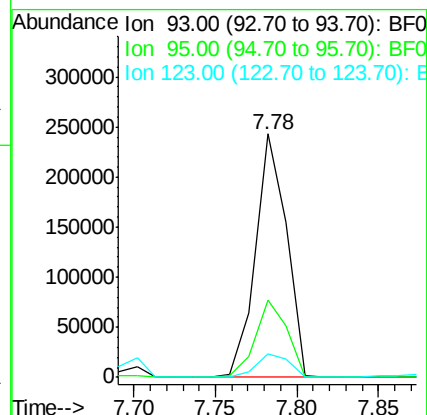
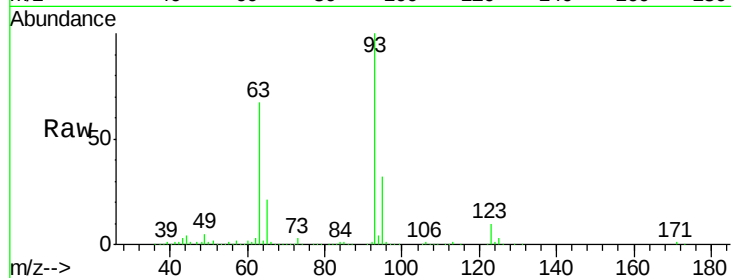
Tgt Ion: 93 Resp: 320465

Ion Ratio Lower Upper

93 100

95 31.9 26.5 39.7

123 9.6 11.6 17.4#



#29

2,4-Dichlorophenol

Concen: 45.22 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

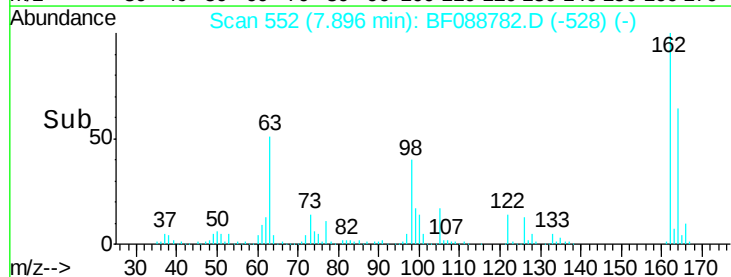
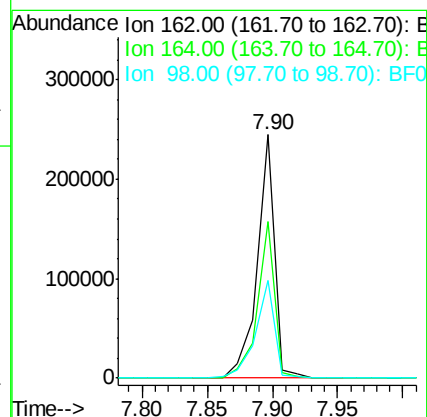
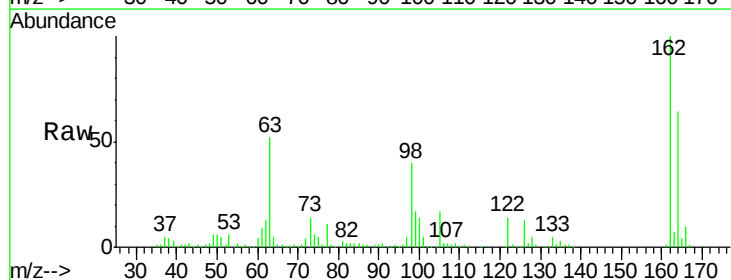
Tgt Ion: 162 Resp: 227164

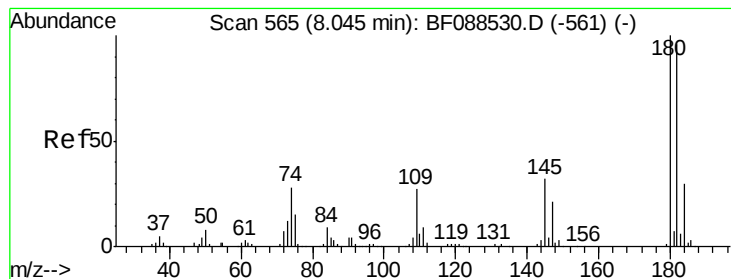
Ion Ratio Lower Upper

162 100

164 64.2 43.8 83.8

98 40.3 21.3 61.3





#30

1,2,4-Trichlorobenzene

Concen: 41.48 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.03 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

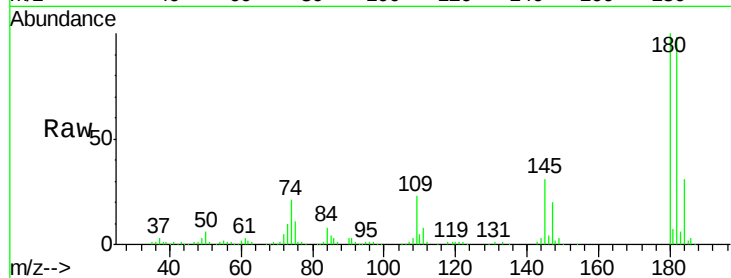
Tgt Ion:180 Resp: 228685

Ion Ratio Lower Upper

180 100

182 98.4 76.0 114.0

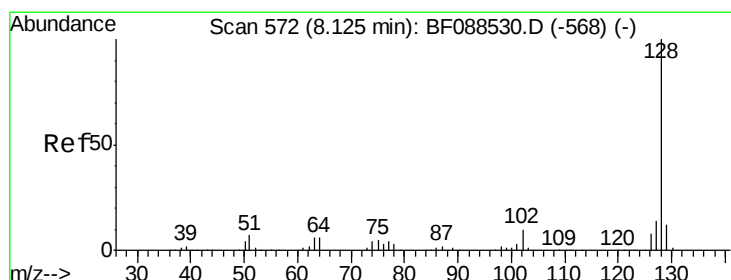
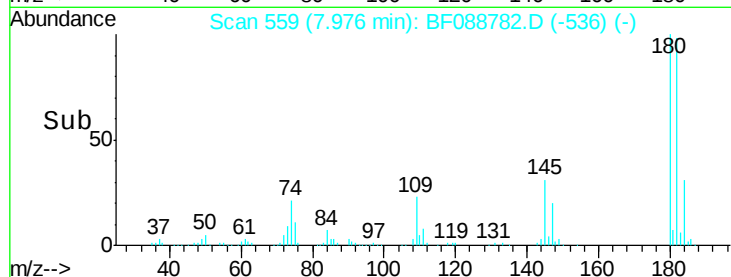
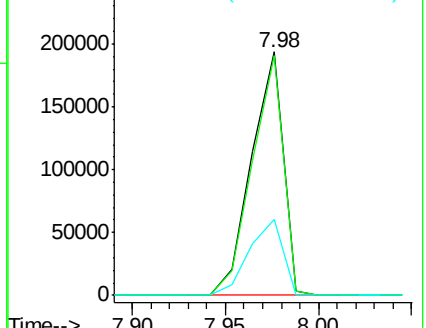
145 31.2 26.5 39.7



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: 40.18 ng

RT: 8.06 min Scan# 566

Delta R.T. -0.03 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

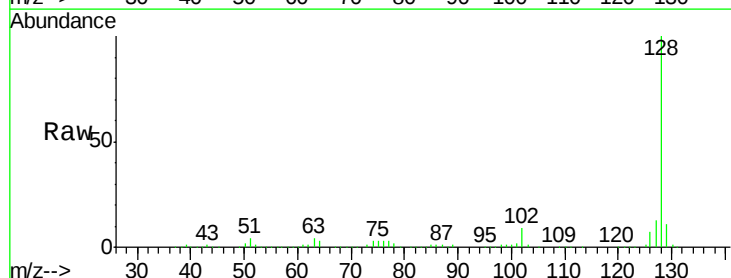
Tgt Ion:128 Resp: 749342

Ion Ratio Lower Upper

128 100

129 10.7 9.4 14.2

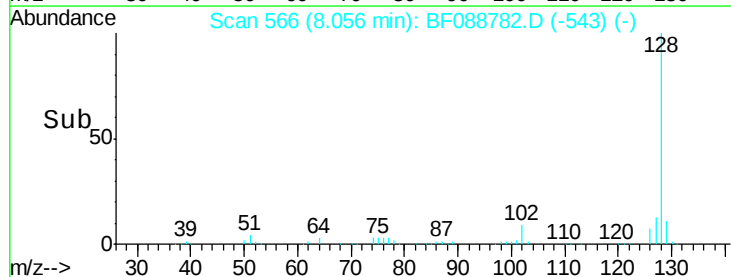
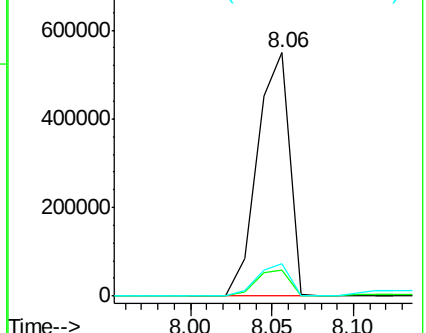
127 13.2 10.9 16.3

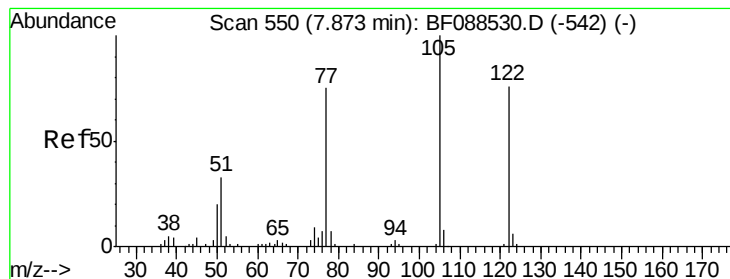


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 22.37 ng

RT: 7.90 min Scan# 552

Delta R.T. 0.03 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

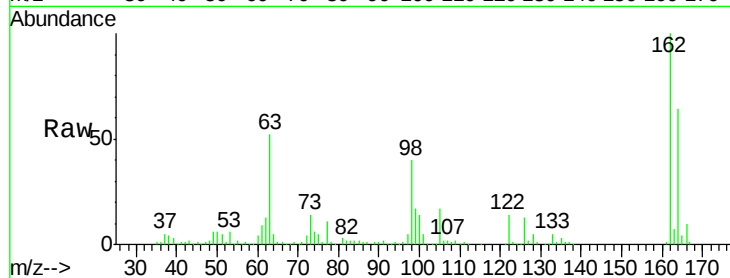
Tgt Ion:122 Resp: 100944

Ion Ratio Lower Upper

122 100

105 115.4 101.6 141.6

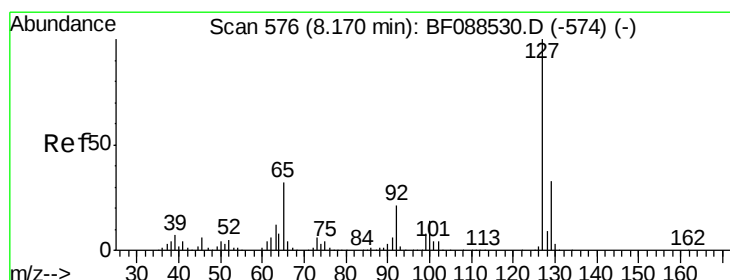
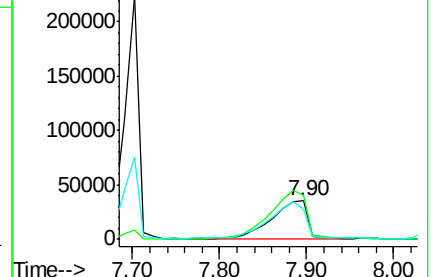
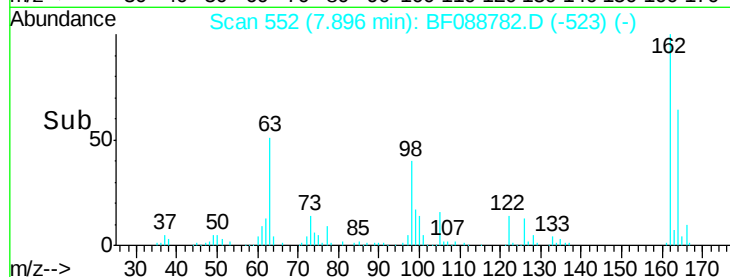
77 79.0 70.6 110.6



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: 4.07 ng

RT: 8.26 min Scan# 584

Delta R.T. 0.13 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

Tgt Ion:127 Resp: 33795

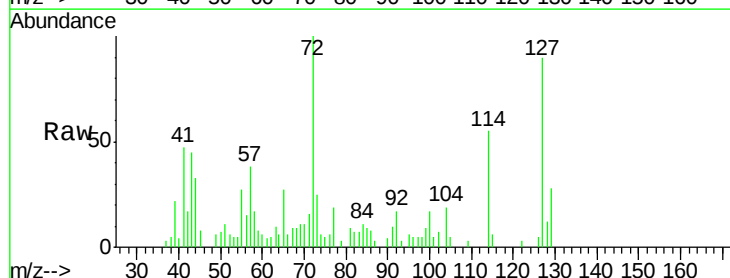
Ion Ratio Lower Upper

127 100

129 31.1 26.3 39.5

65 30.1 24.7 37.1

92 19.4 15.4 23.0

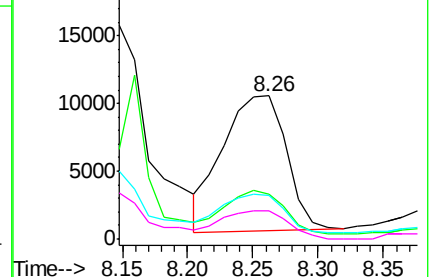
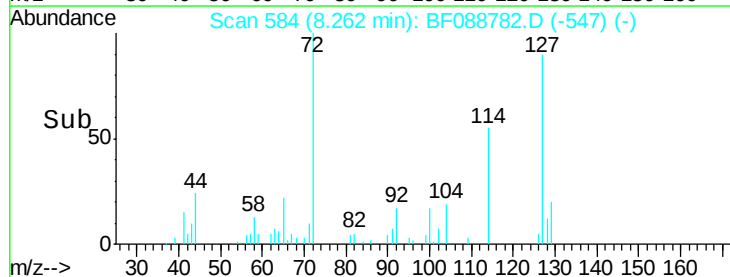


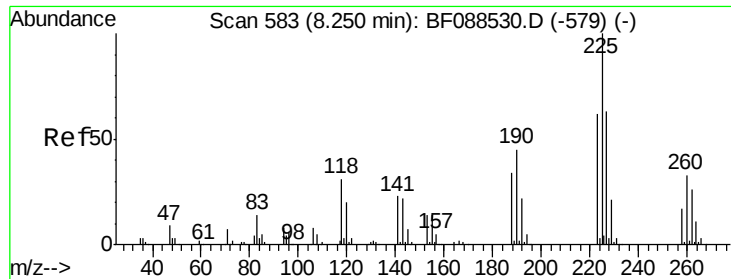
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#34

Hexachlorobutadiene

Concen: 39.85 ng

RT: 8.17 min Scan# 576

Delta R.T. -0.03 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

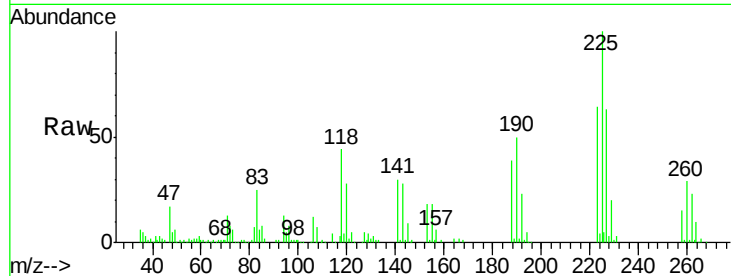
Tgt Ion:225 Resp: 117627

Ion Ratio Lower Upper

225 100

223 64.2 50.9 76.3

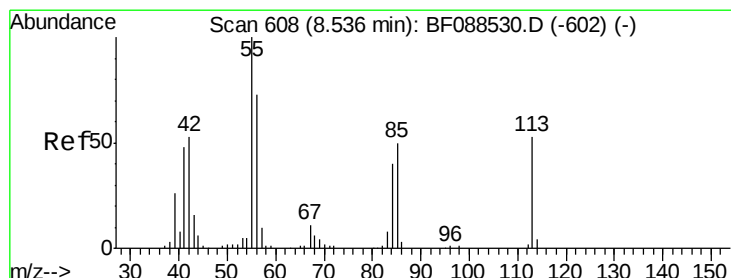
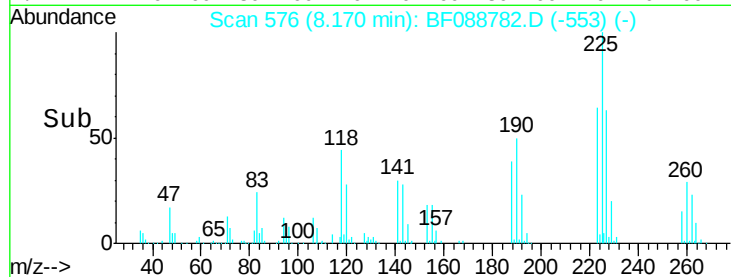
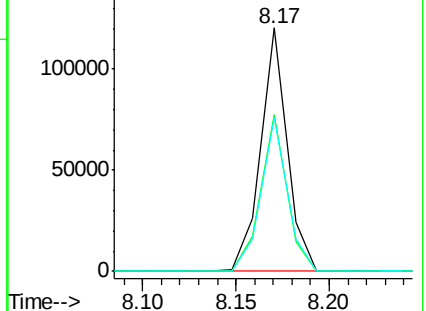
227 63.2 51.9 77.9



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 25.70 ng

RT: 8.56 min Scan# 610

Delta R.T. 0.05 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

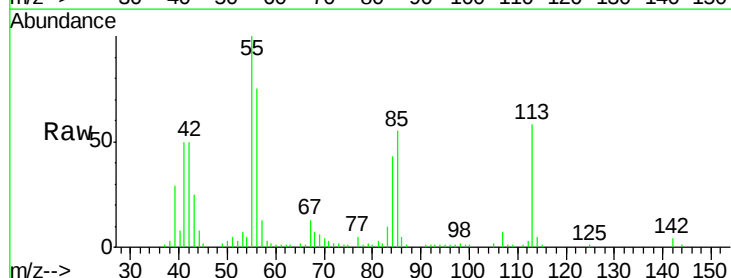
Tgt Ion:113 Resp: 43846

Ion Ratio Lower Upper

113 100

55 171.5 158.6 198.6

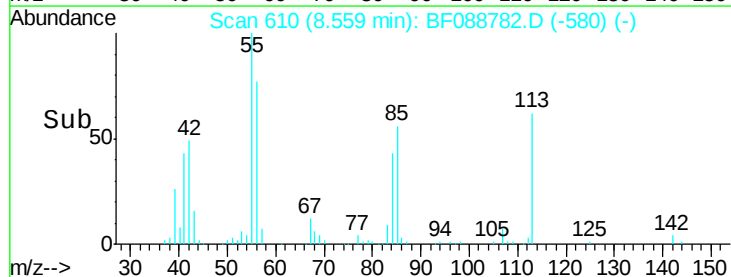
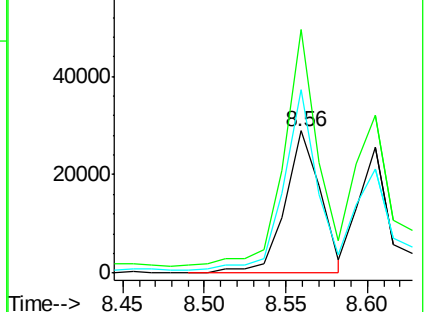
56 129.2 110.6 150.6

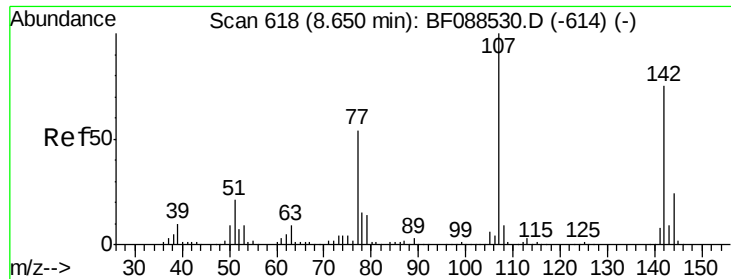


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

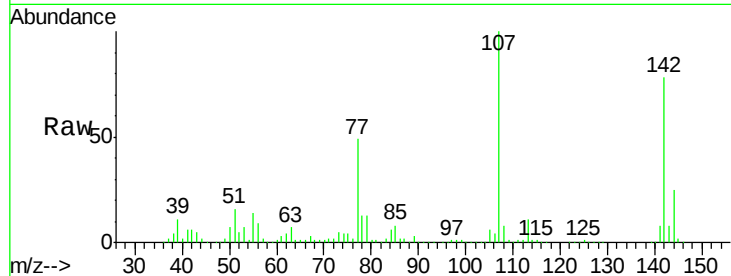




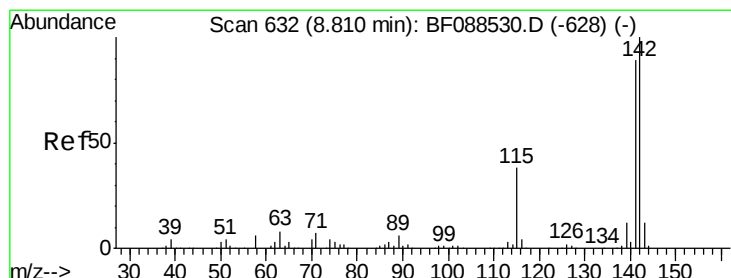
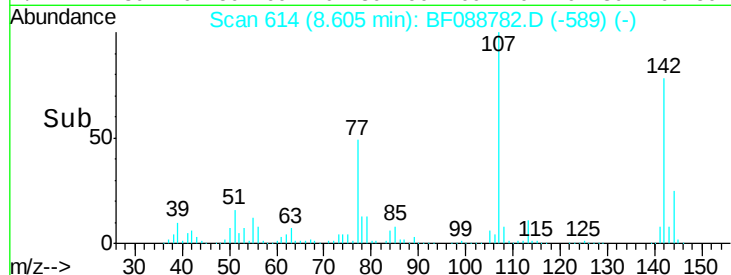
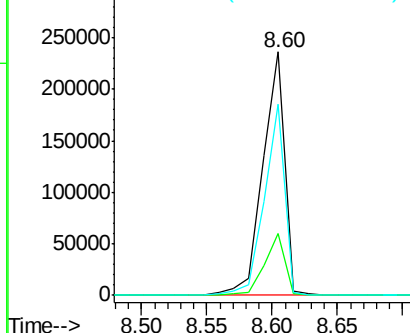
#36
 4-Chloro-3-methylphenol
 Concen: 46.79 ng
 RT: 8.60 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF088782.D
 Acq: 7 Jul 2016 16:17

Instrument :
 BNA_F
 ClientSampleId :
 C1.2-6MS

Tgt Ion:107 Resp: 277944
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.8 31.2
 142 78.5 63.4 95.2

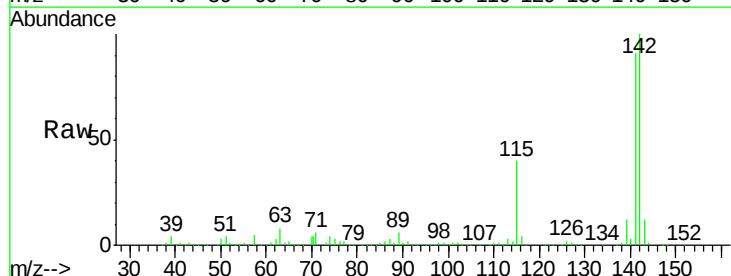


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

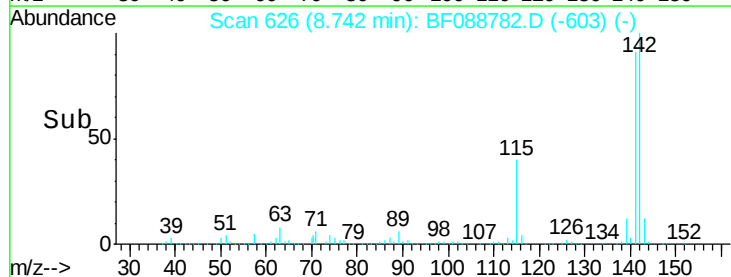
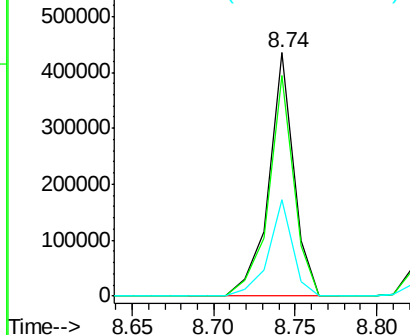


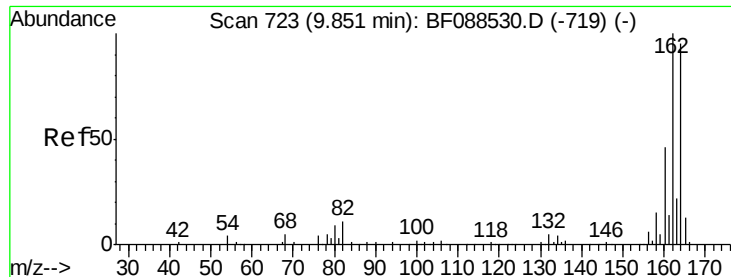
#37
 2-Methylnaphthalene
 Concen: 38.96 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.03 min
 Lab File: BF088782.D
 Acq: 7 Jul 2016 16:17

Tgt Ion:142 Resp: 467855
 Ion Ratio Lower Upper
 142 100
 141 90.6 71.0 106.6
 115 39.6 22.6 33.8#



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

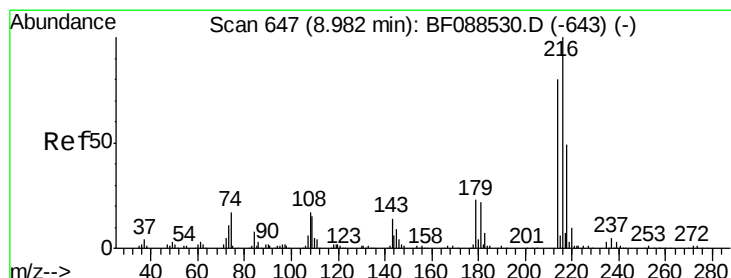
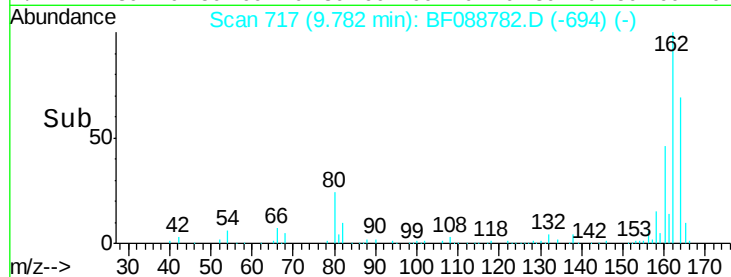
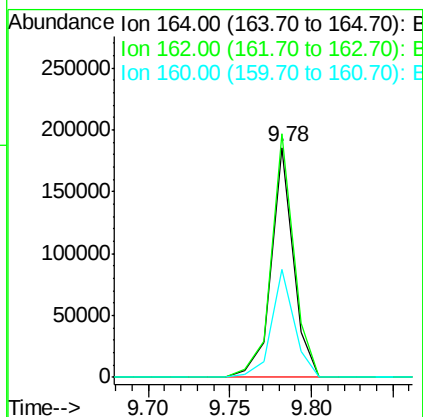
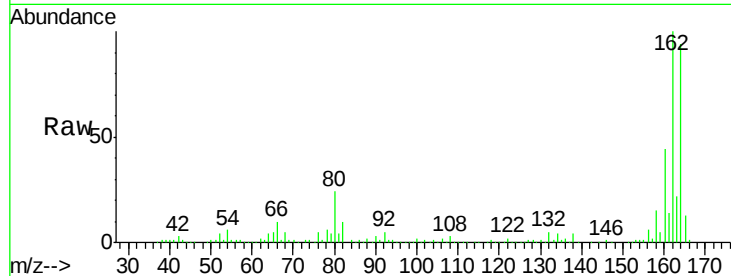




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.03 min
Lab File: BF088782.D
Acq: 7 Jul 2016 16:17

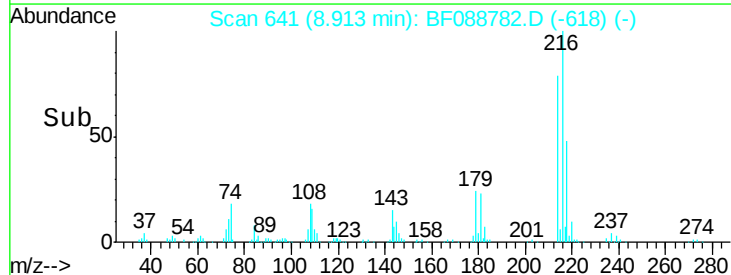
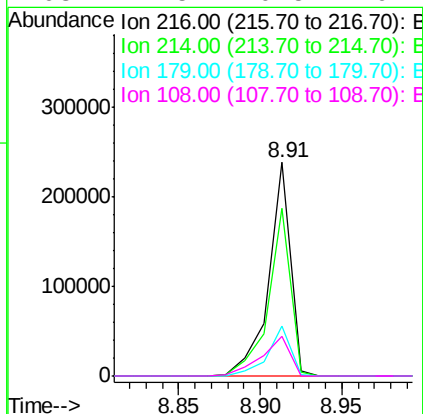
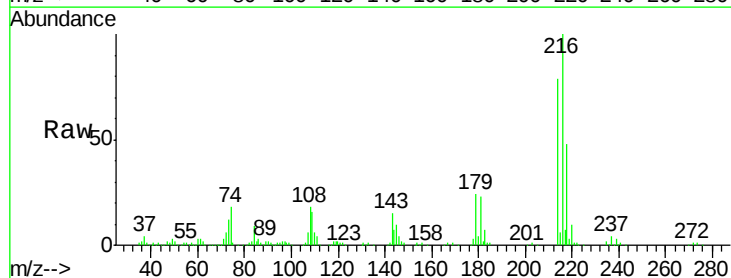
Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

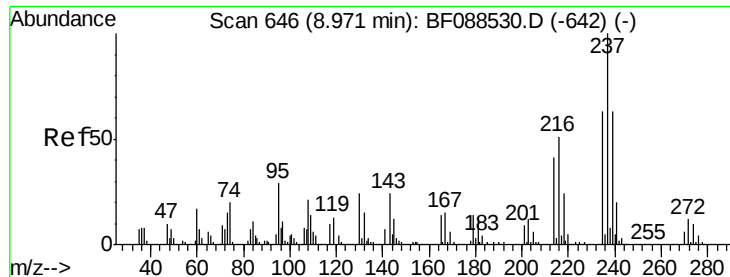
Tgt Ion:164 Resp: 176086
Ion Ratio Lower Upper
164 100
162 105.9 85.4 128.2
160 47.0 39.5 59.3



#39
1,2,4,5-Tetrachlorobenzene
Concen: 38.08 ng
RT: 8.91 min Scan# 641
Delta R.T. -0.03 min
Lab File: BF088782.D
Acq: 7 Jul 2016 16:17

Tgt Ion:216 Resp: 223045
Ion Ratio Lower Upper
216 100
214 79.1 2.9 4.3#
179 24.1 0.0 0.0#
108 24.5 0.5 0.7#

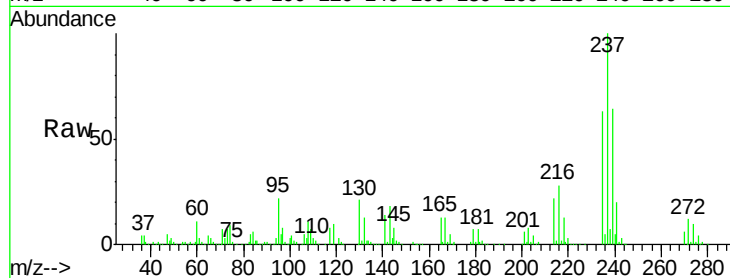




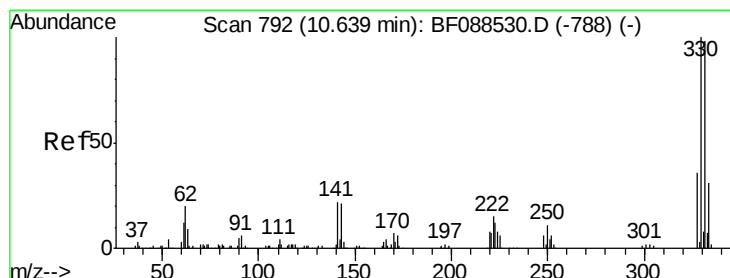
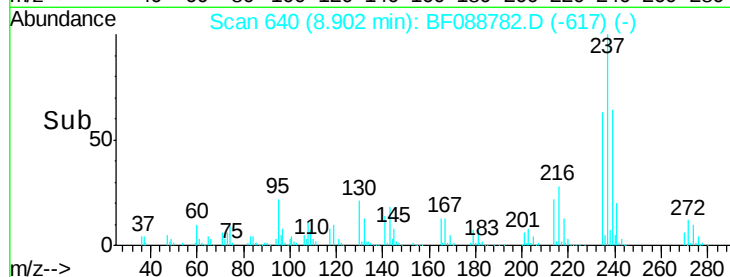
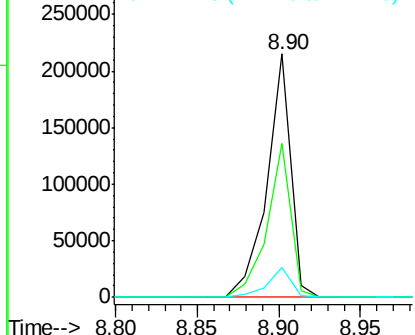
#40
Hexachlorocyclopentadiene
Concen: 76.25 ng
RT: 8.90 min Scan# 640
Delta R.T. -0.03 min
Lab File: BF088782.D
Acq: 7 Jul 2016 16:17

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	219187		
235	63.1	43.4	83.4	
272	12.4	0.0	32.3	

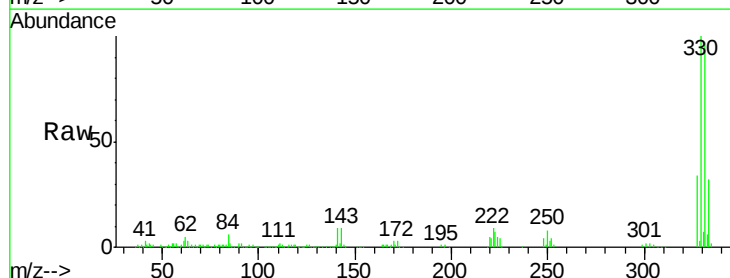


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

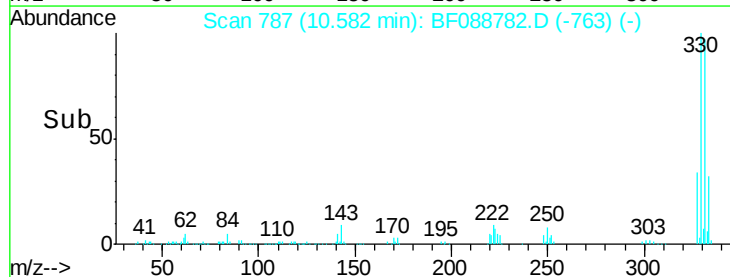
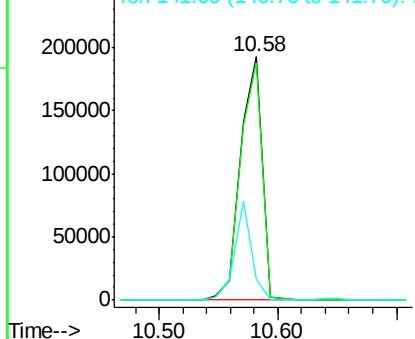


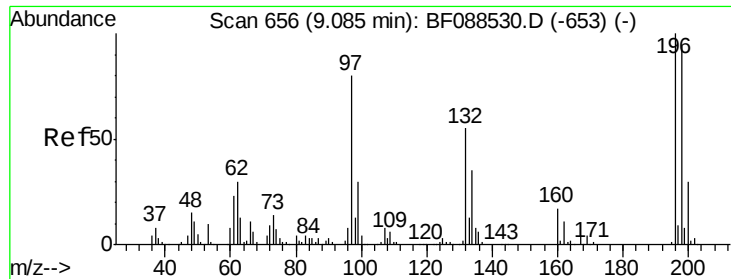
#41
2,4,6-Tribromophenol
Concen: 149.67 ng
RT: 10.58 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF088782.D
Acq: 7 Jul 2016 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	244729		
332	97.5	0.0	0.0#	
141	32.6	0.0	0.0#	



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

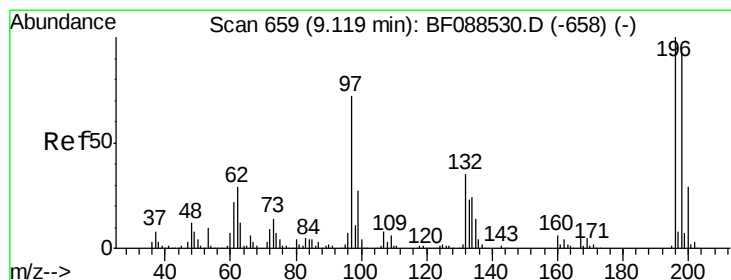
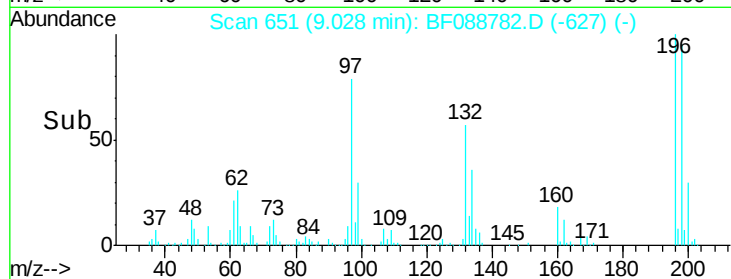
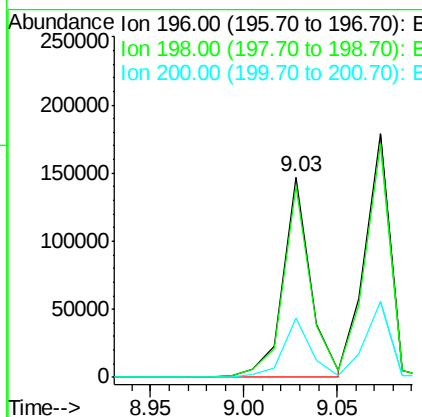
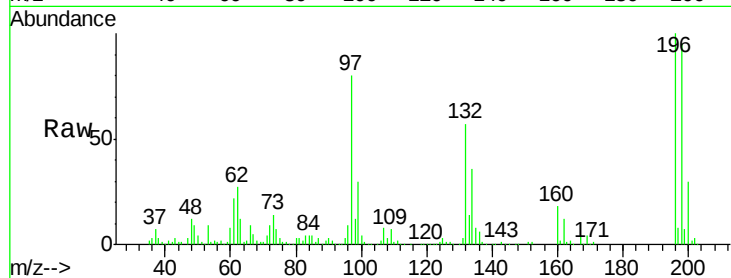




#42
 2,4,6-Trichlorophenol
 Concen: 39.28 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF088782.D
 Acq: 7 Jul 2016 16:17

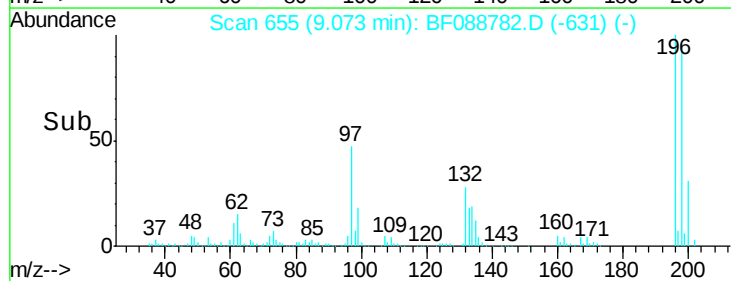
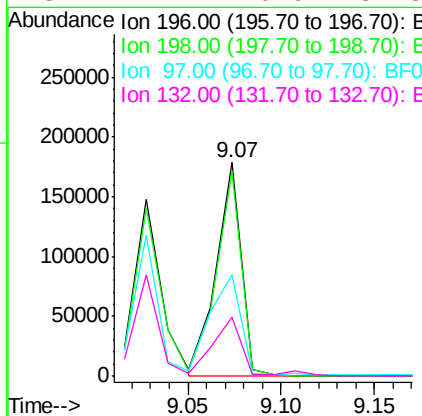
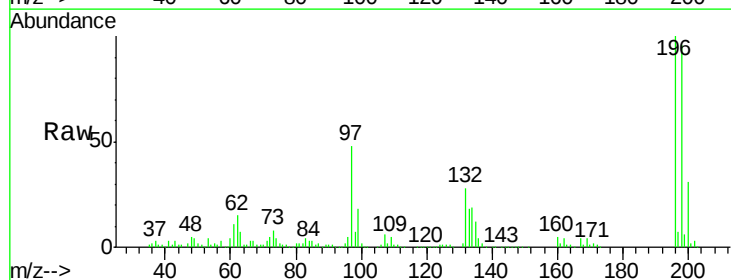
Instrument :
 BNA_F
 ClientSampleId :
 C1.2-6MS

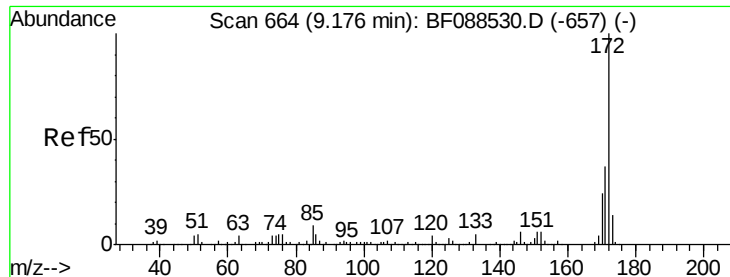
Tgt Ion:196 Resp: 151696
 Ion Ratio Lower Upper
 196 100
 198 95.3 78.0 117.0
 200 29.8 25.4 38.2



#43
 2,4,5-Trichlorophenol
 Concen: 50.08 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.02 min
 Lab File: BF088782.D
 Acq: 7 Jul 2016 16:17

Tgt Ion:196 Resp: 166373
 Ion Ratio Lower Upper
 196 100
 198 95.7 77.5 116.3
 97 47.6 32.0 48.0
 132 27.7 20.9 31.3





#44

2-Fluorobiphenyl

Concen: 87.72 ng

RT: 9.11 min Scan# 658

Delta R.T. -0.03 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

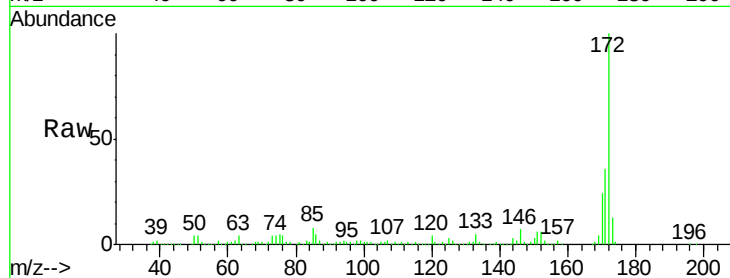
Tgt Ion:172 Resp: 977838

Ion Ratio Lower Upper

172 100

171 36.2 28.6 43.0

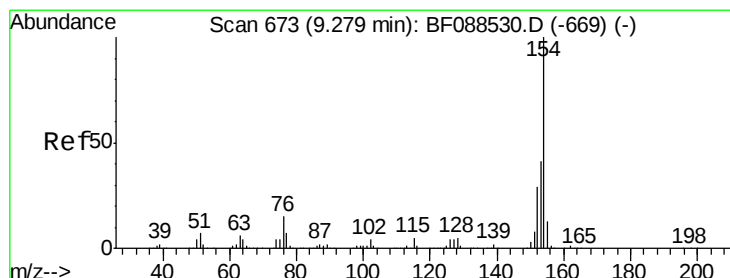
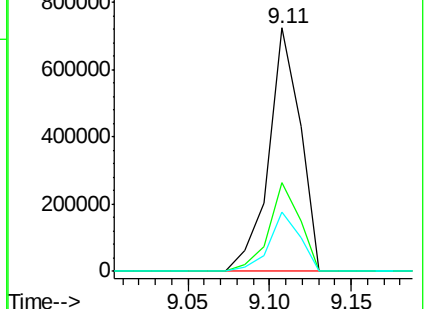
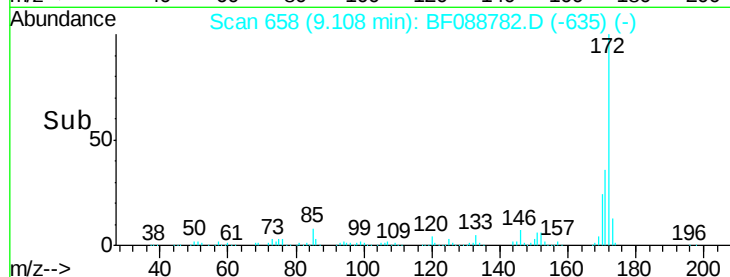
170 24.2 19.2 28.8



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: 41.63 ng

RT: 9.21 min Scan# 667

Delta R.T. -0.03 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

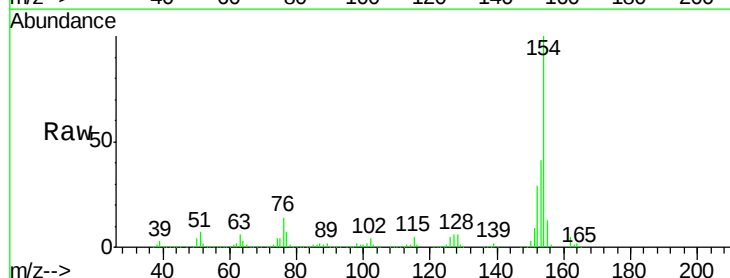
Tgt Ion:154 Resp: 607031

Ion Ratio Lower Upper

154 100

153 41.2 20.6 60.6

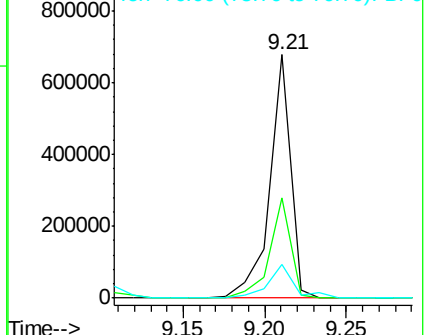
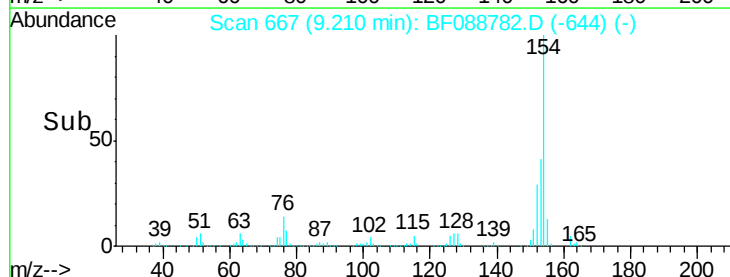
76 13.6 0.0 35.1

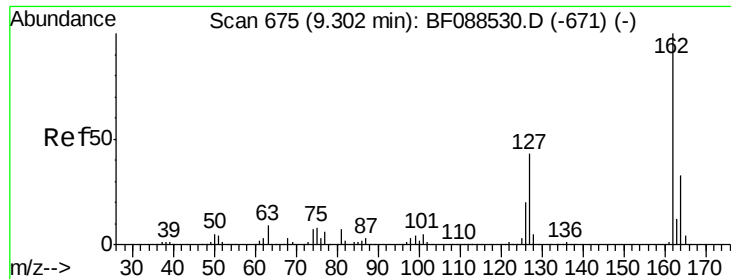


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

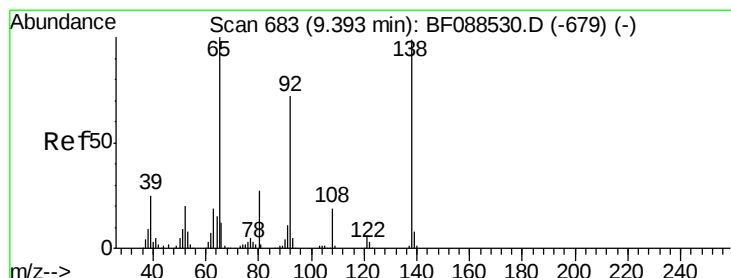
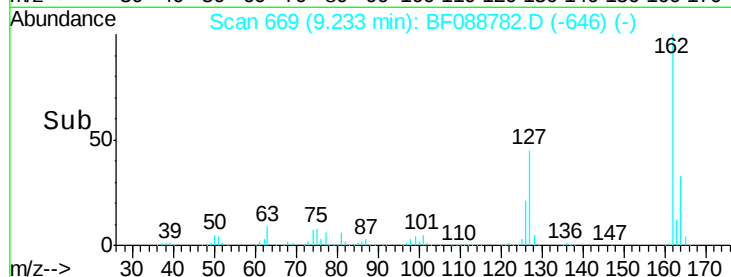
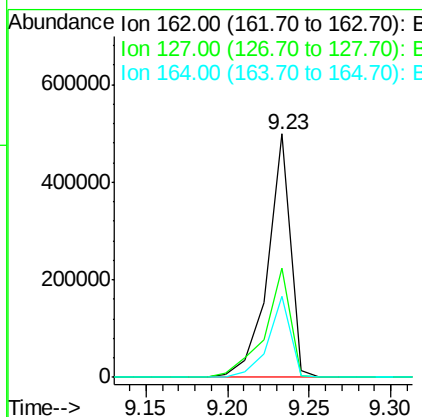
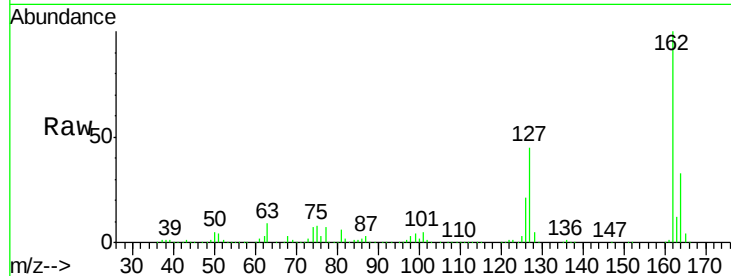




#46
 2-Chloronaphthalene
 Concen: 42.30 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.03 min
 Lab File: BF088782.D
 Acq: 7 Jul 2016 16:17

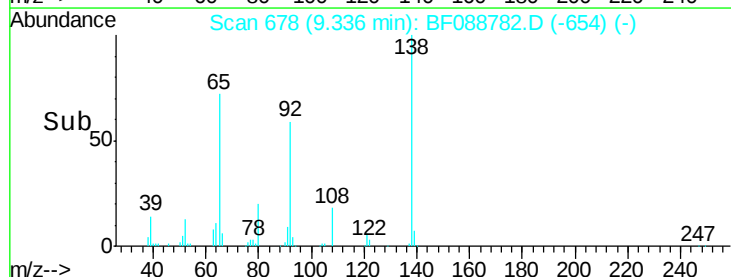
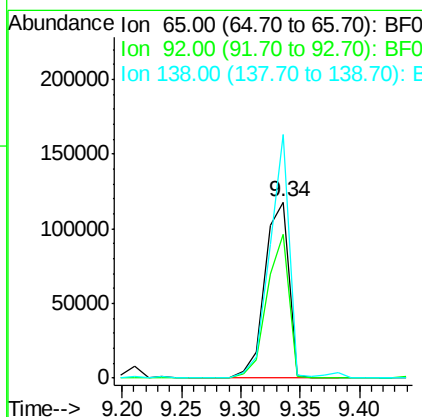
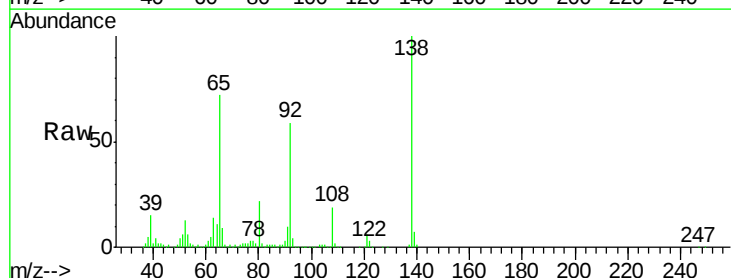
Instrument :
 BNA_F
 ClientSampleId :
 C1.2-6MS

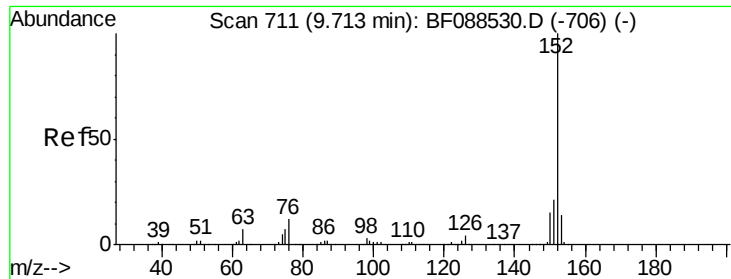
Tgt Ion: 162 Resp: 484255
 Ion Ratio Lower Upper
 162 100
 127 44.7 35.2 52.8
 164 33.3 26.6 39.8



#47
 2-Nitroaniline
 Concen: 41.09 ng
 RT: 9.34 min Scan# 678
 Delta R.T. -0.02 min
 Lab File: BF088782.D
 Acq: 7 Jul 2016 16:17

Tgt Ion: 65 Resp: 166925
 Ion Ratio Lower Upper
 65 100
 92 82.0 54.6 82.0#
 138 138.5 77.0 115.4#





#48

Acenaphthylene

Concen: 38.95 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.03 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

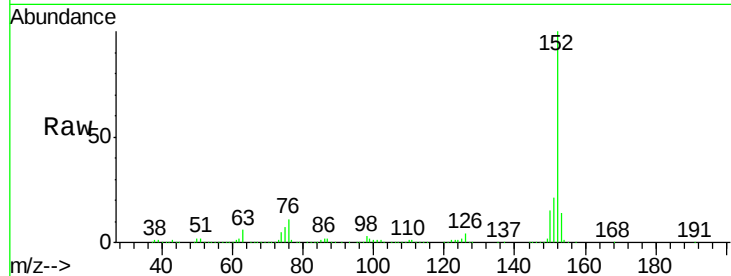
Tgt Ion:152 Resp: 709431

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

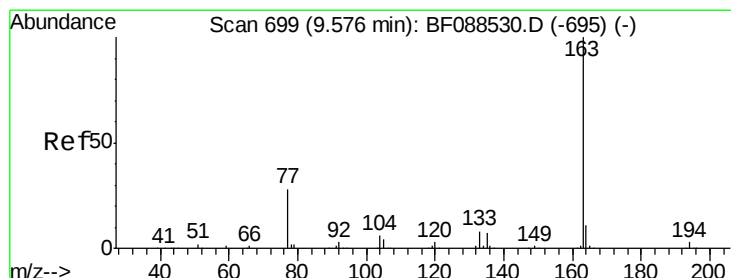
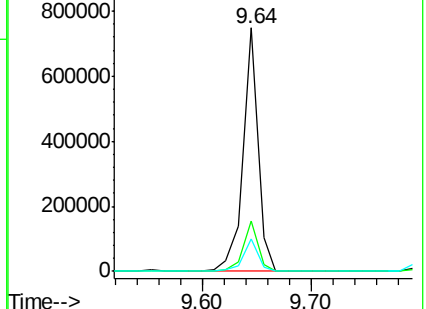
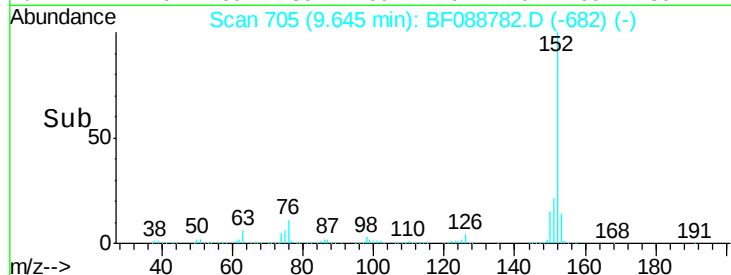
153 13.5 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 41.84 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.02 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

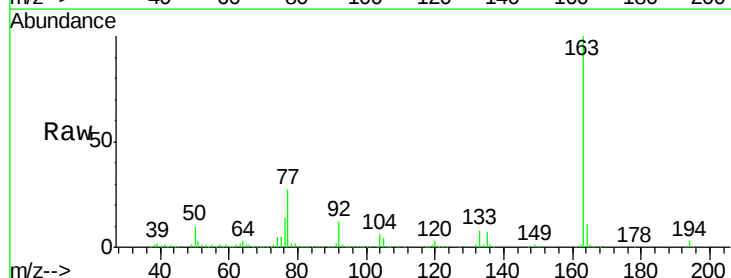
Tgt Ion:163 Resp: 524933

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

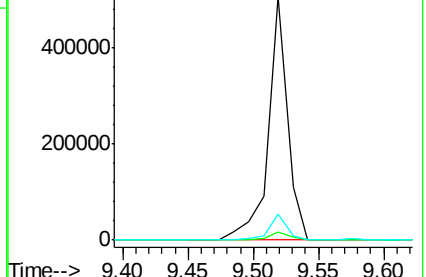
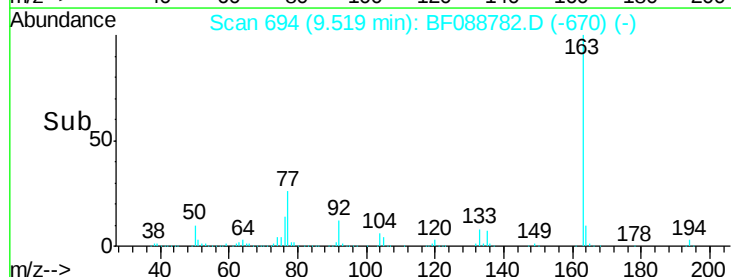
164 10.6 8.3 12.5

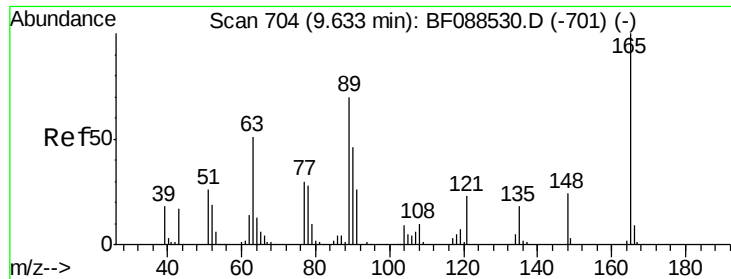


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

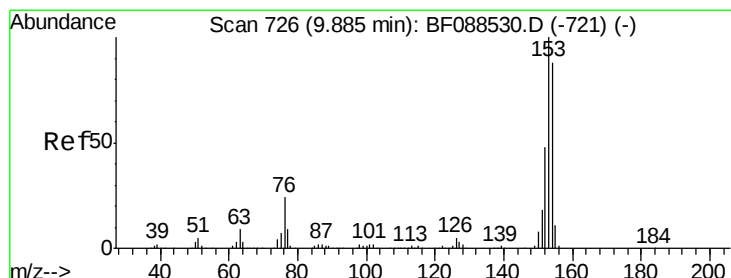
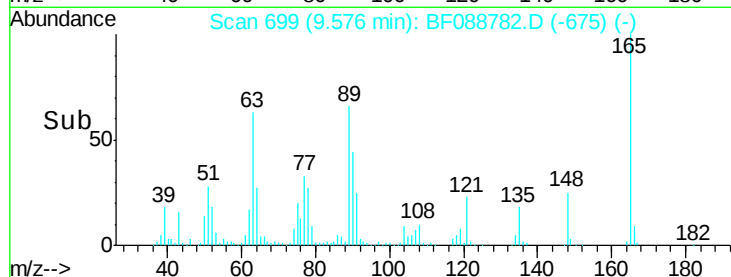
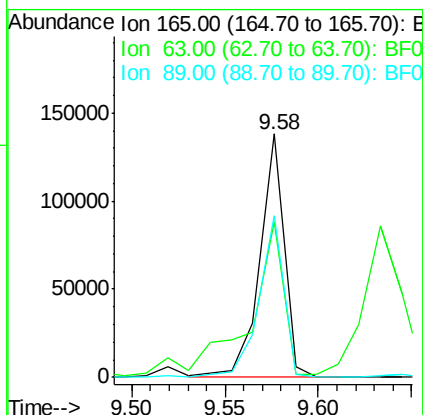
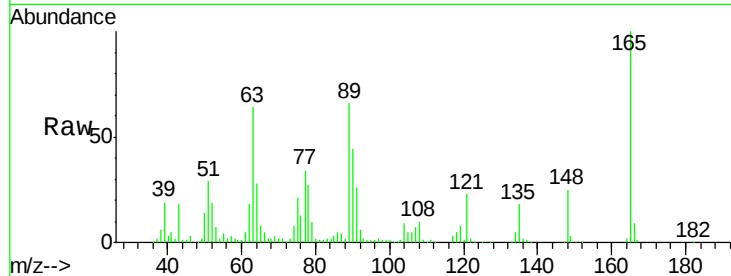




#50
2,6-Dinitrotoluene
Concen: 44.59 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.02 min
Lab File: BF088782.D
Acq: 7 Jul 2016 16:17

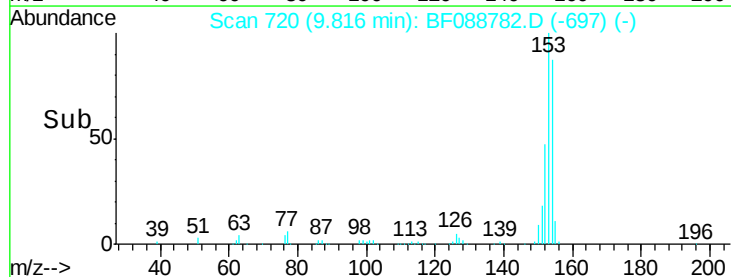
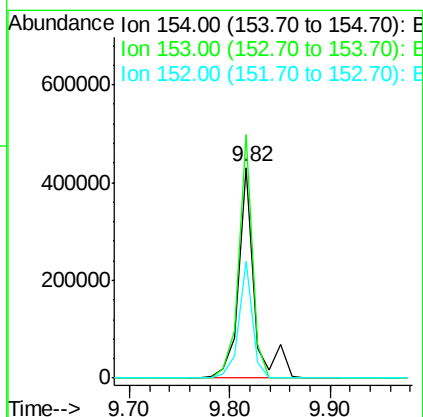
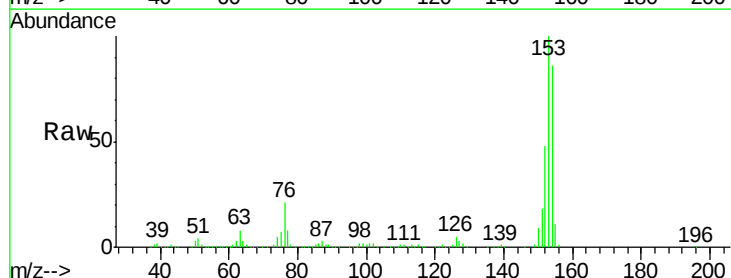
Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

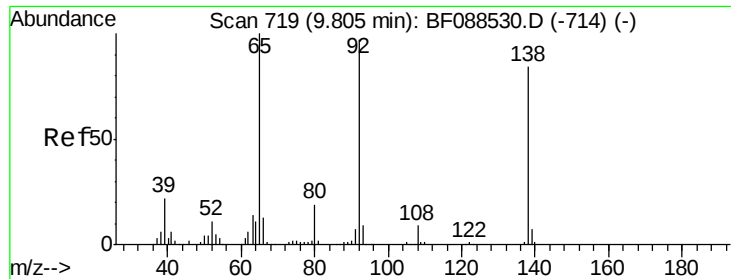
Tgt Ion:165 Resp: 123977
Ion Ratio Lower Upper
165 100
63 63.7 28.1 42.1#
89 66.4 32.2 48.2#



#51
Acenaphthene
Concen: 42.30 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF088782.D
Acq: 7 Jul 2016 16:17

Tgt Ion:154 Resp: 472273
Ion Ratio Lower Upper
154 100
153 115.7 89.5 134.3
152 55.3 42.7 64.1





#52

3-Nitroaniline

Concen: 23.27 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.03 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

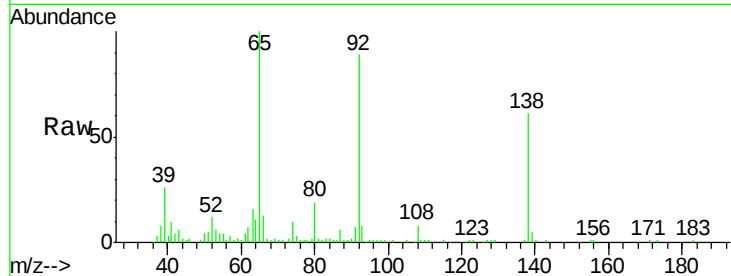
Tgt Ion:138 Resp: 82251

Ion Ratio Lower Upper

138 100

108 12.8 8.5 12.7#

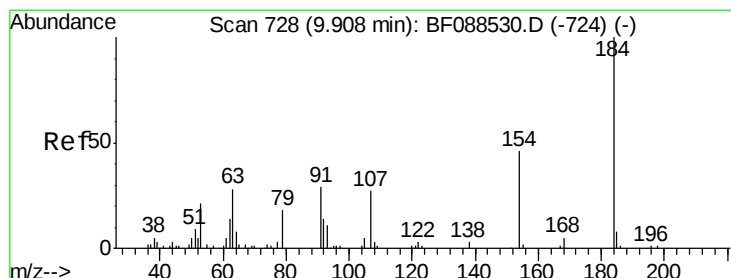
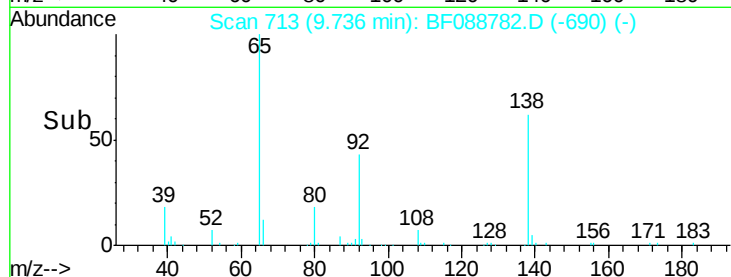
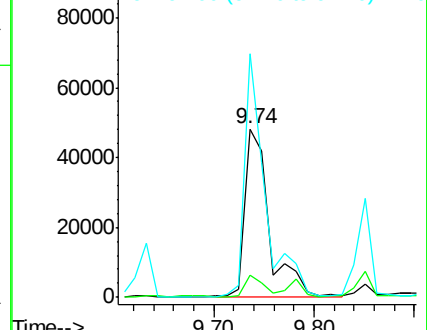
92 144.8 95.7 143.5#



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: 71.59 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

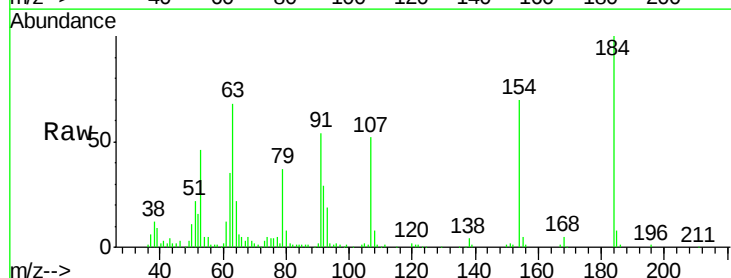
Tgt Ion:184 Resp: 87881

Ion Ratio Lower Upper

184 100

63 67.8 57.6 86.4

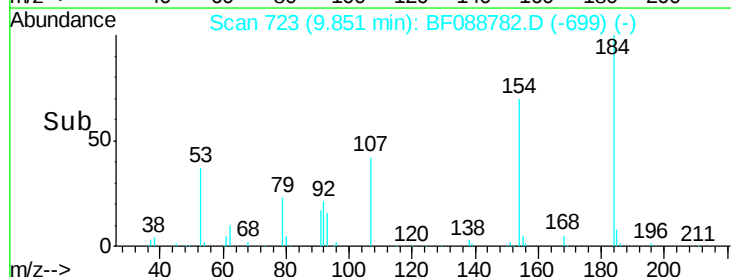
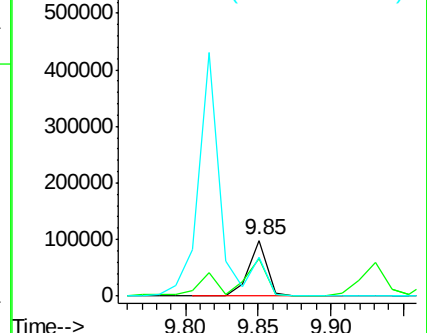
154 70.4 53.5 80.3

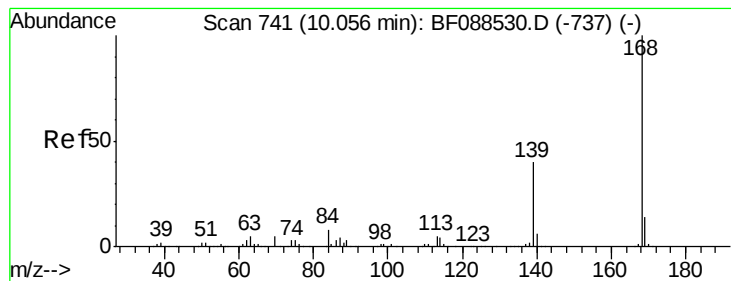


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 41.05 ng

RT: 9.99 min Scan# 735

Delta R.T. -0.03 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

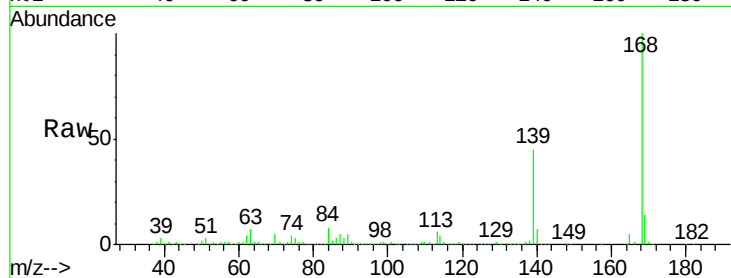
Tgt Ion:168 Resp: 599908

Ion Ratio Lower Upper

168 100

139 44.6 26.4 39.6#

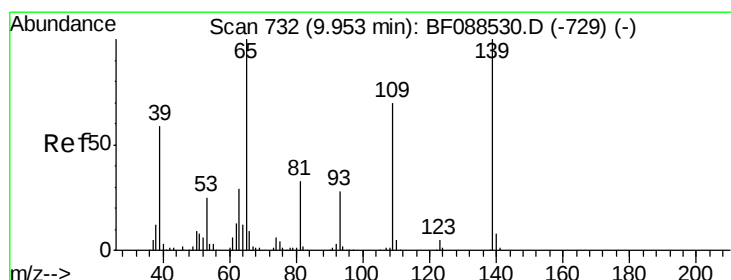
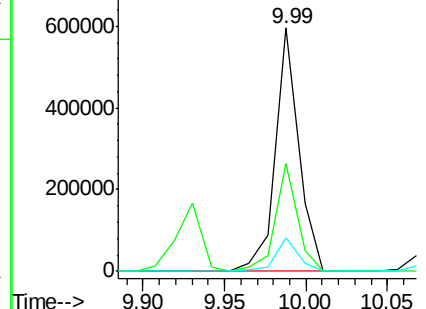
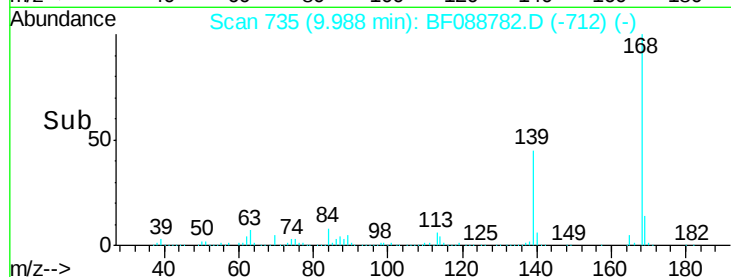
169 13.9 10.4 15.6



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: 69.94 ng

RT: 9.93 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

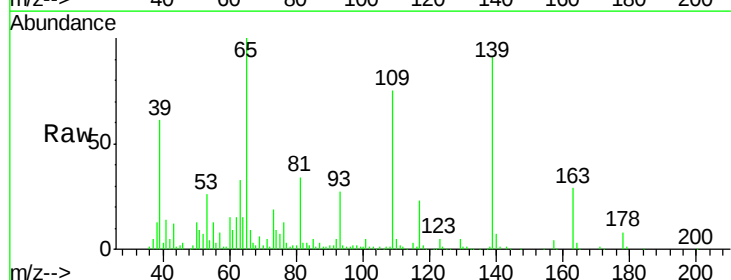
Tgt Ion:139 Resp: 187847

Ion Ratio Lower Upper

139 100

109 82.1 48.9 88.9

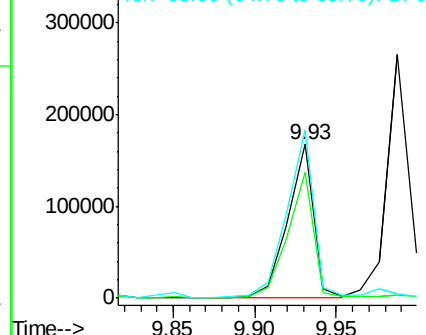
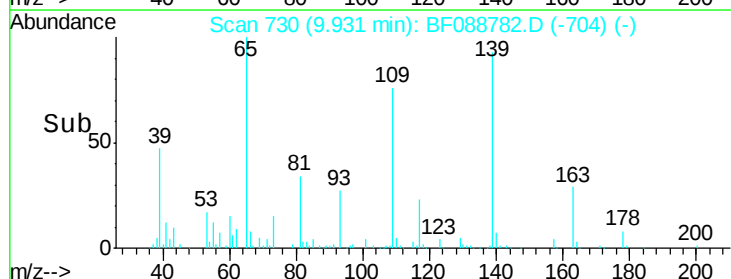
65 109.7 84.9 124.9

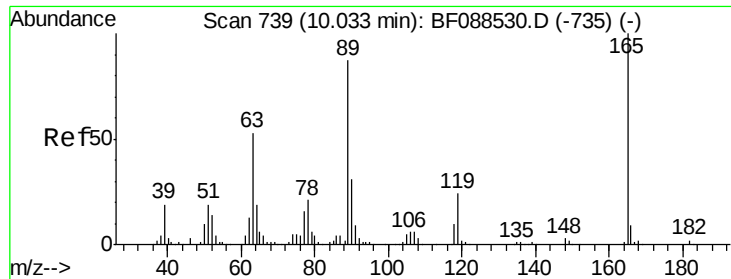


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

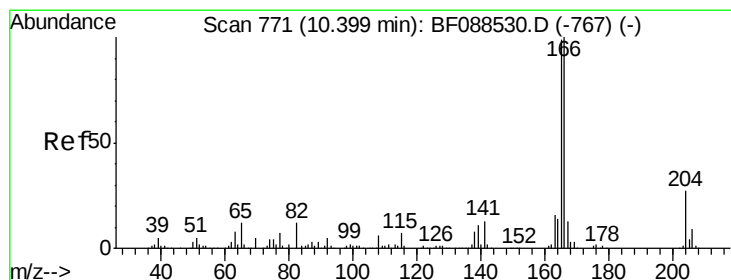
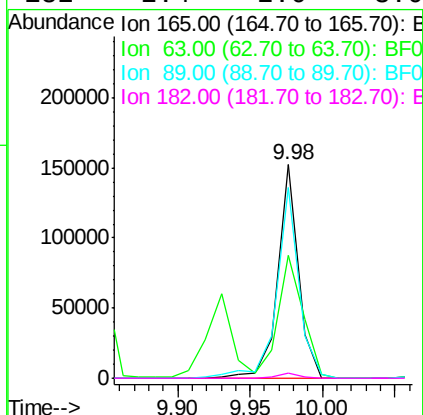
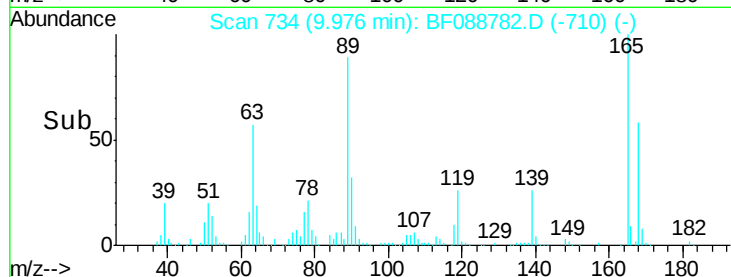
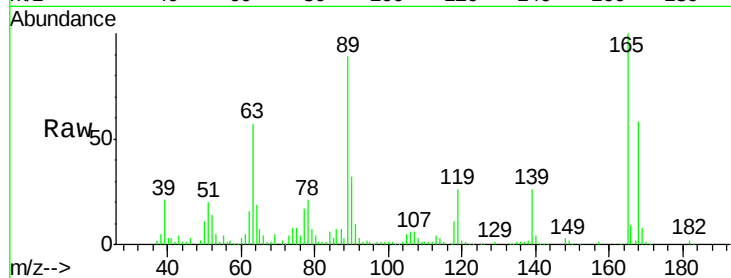




#56
2,4-Dinitrotoluene
Concen: 41.27 ng
RT: 9.98 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF088782.D
Acq: 7 Jul 2016 16:17

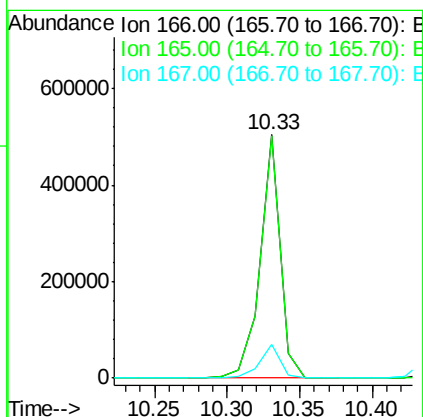
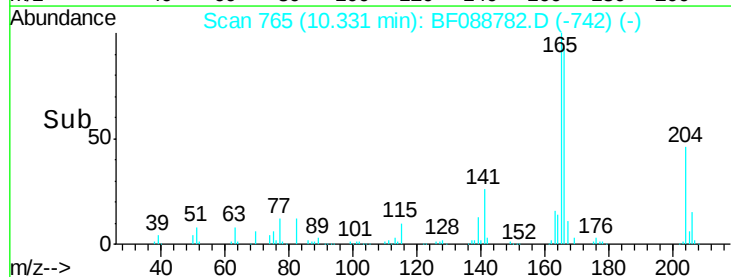
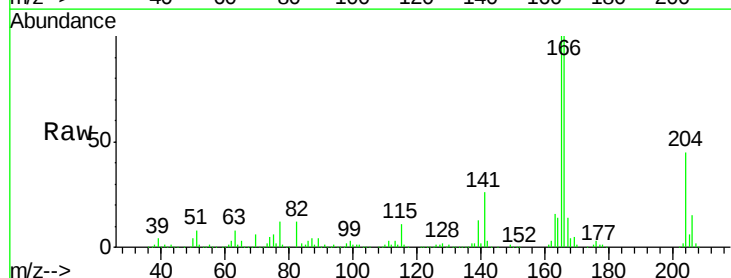
Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

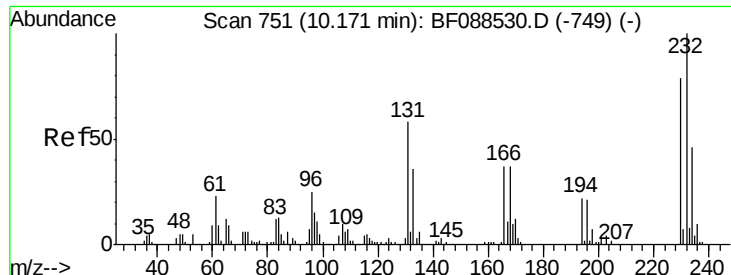
Tgt Ion:165 Resp: 150020
Ion Ratio Lower Upper
165 100
63 57.3 22.0 33.0#
89 89.4 41.1 61.7#
182 2.4 2.0 3.0



#57
Fluorene
Concen: 42.90 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.03 min
Lab File: BF088782.D
Acq: 7 Jul 2016 16:17

Tgt Ion:166 Resp: 483121
Ion Ratio Lower Upper
166 100
165 99.5 77.8 116.8
167 13.8 11.2 16.8

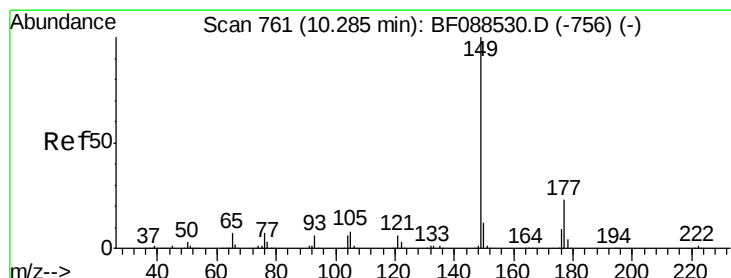
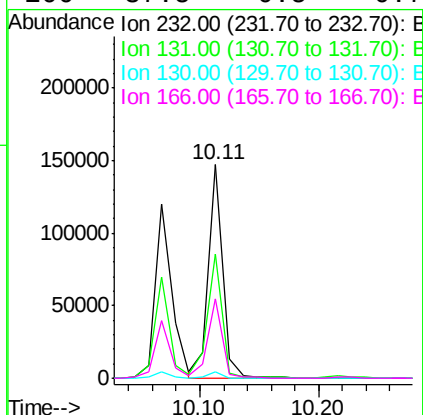
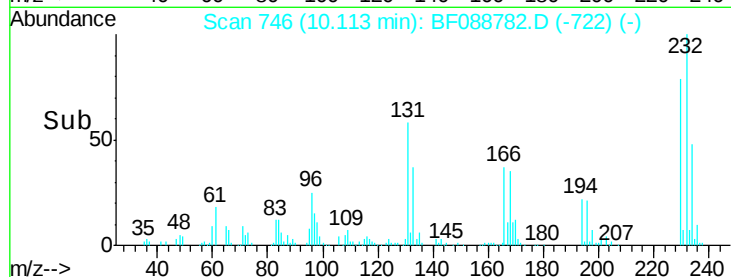
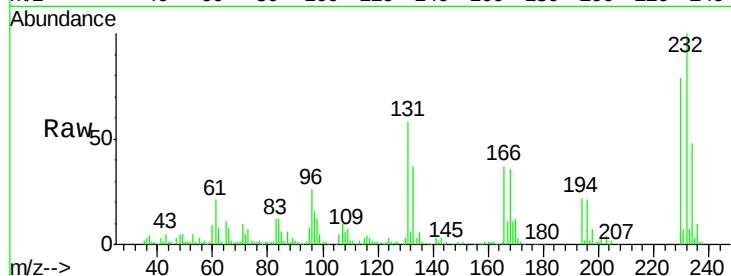




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.73 ng
 RT: 10.11 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF088782.D
 Acq: 7 Jul 2016 16:17

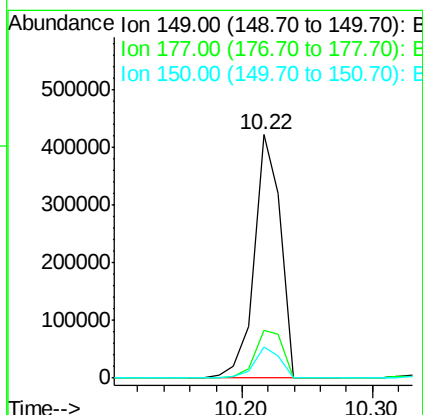
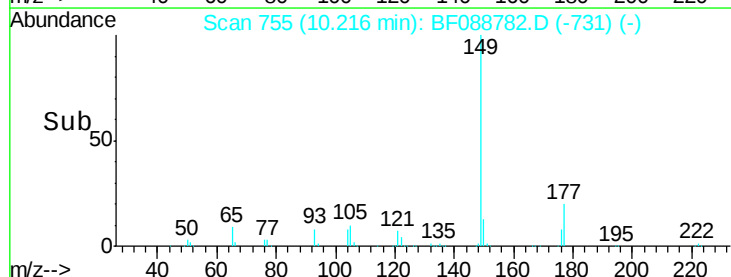
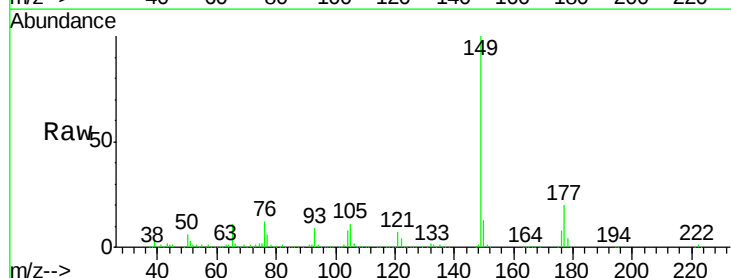
Instrument :
 BNA_F
 ClientSampleId :
 C1.2-6MS

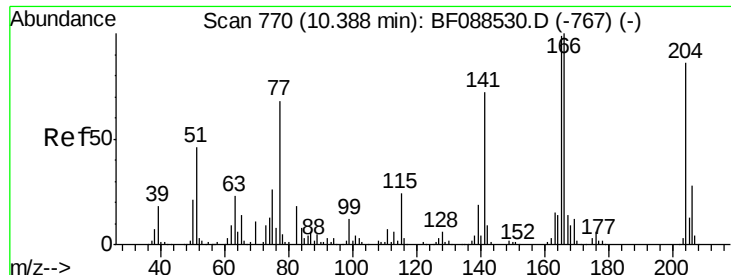
Tgt Ion: 232 Resp: 125268
 Ion Ratio Lower Upper
 232 100
 131 60.3 0.9 1.3#
 130 3.1 1.5 2.3#
 166 37.5 0.5 0.7#



#59
 Diethylphthalate
 Concen: 46.92 ng
 RT: 10.22 min Scan# 755
 Delta R.T. -0.02 min
 Lab File: BF088782.D
 Acq: 7 Jul 2016 16:17

Tgt Ion: 149 Resp: 590748
 Ion Ratio Lower Upper
 149 100
 177 19.5 16.9 25.3
 150 12.6 10.1 15.1

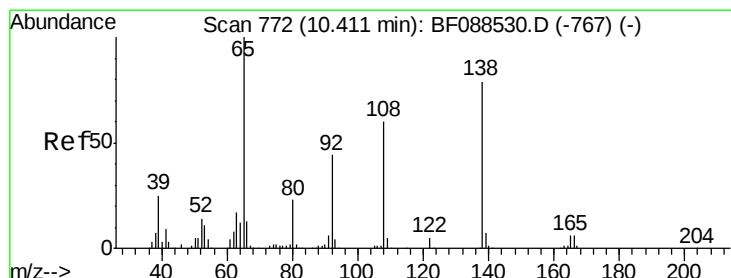
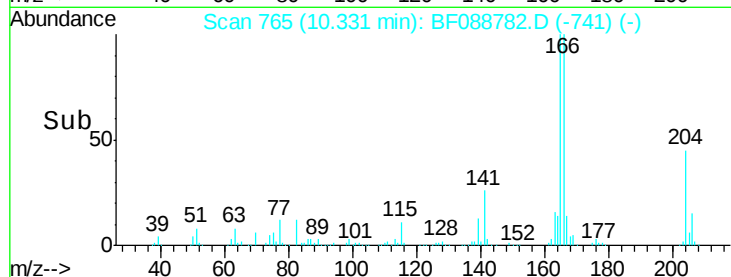
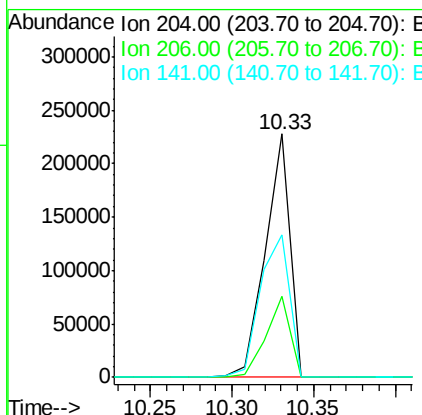
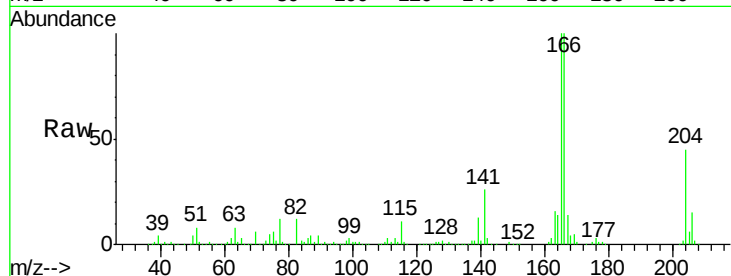




#60
 4-Chlorophenyl-phenylether
 Concen: 45.77 ng
 RT: 10.33 min Scan# 765
 Delta R.T. -0.02 min
 Lab File: BF088782.D
 Acq: 7 Jul 2016 16:17

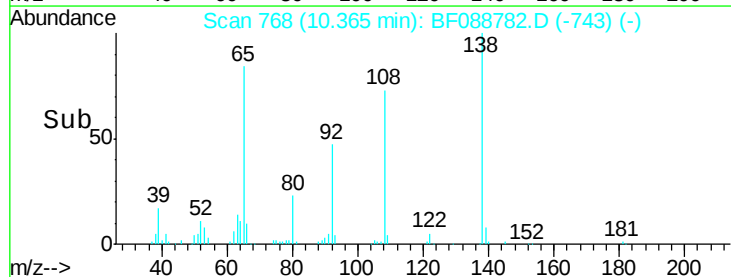
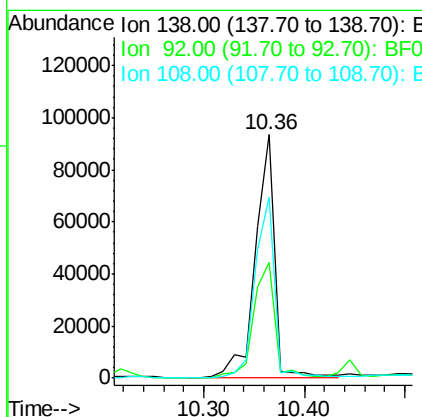
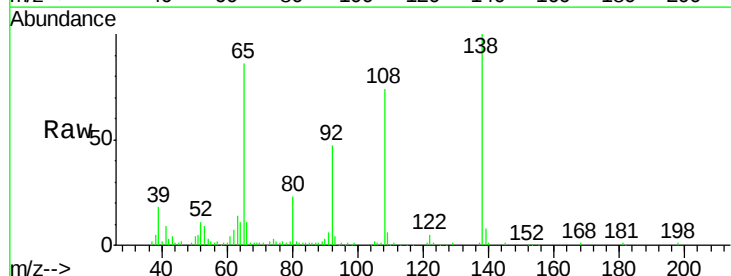
Instrument :
 BNA_F
 ClientSampleId :
 C1.2-6MS

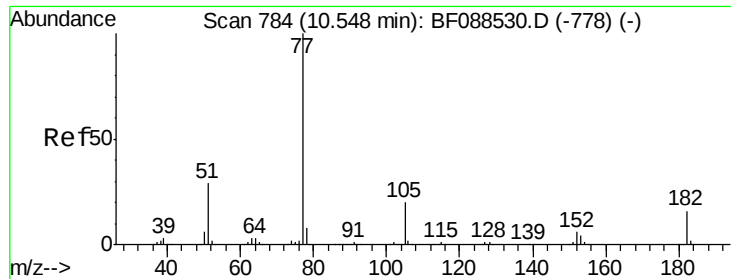
Tgt Ion:204 Resp: 239483
 Ion Ratio Lower Upper
 204 100
 206 33.5 26.3 39.5
 141 58.3 55.0 82.6



#61
 4-Nitroaniline
 Concen: 36.83 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF088782.D
 Acq: 7 Jul 2016 16:17

Tgt Ion:138 Resp: 125282
 Ion Ratio Lower Upper
 138 100
 92 47.3 27.3 67.3
 108 74.1 46.7 86.7





#62

Azobenzene

Concen: 43.96 ng

RT: 10.48 min Scan# 778

Delta R.T. -0.03 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

Tgt Ion: 77 Resp: 631222

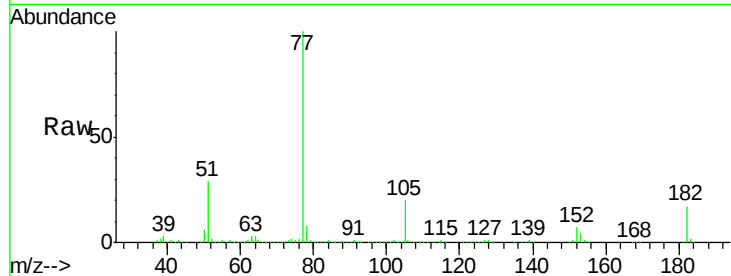
Ion Ratio Lower Upper

77 100

182 16.6 4.4 44.4

105 20.2 3.8 43.8

51 28.9 9.3 49.3

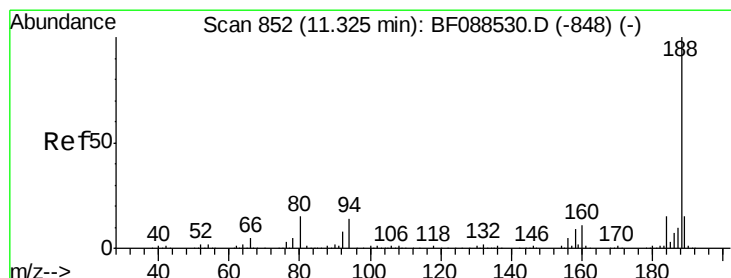
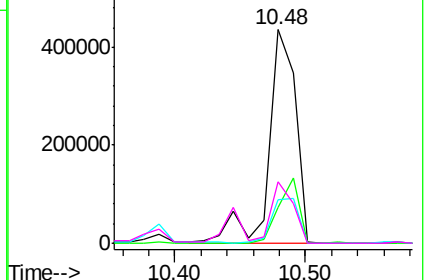
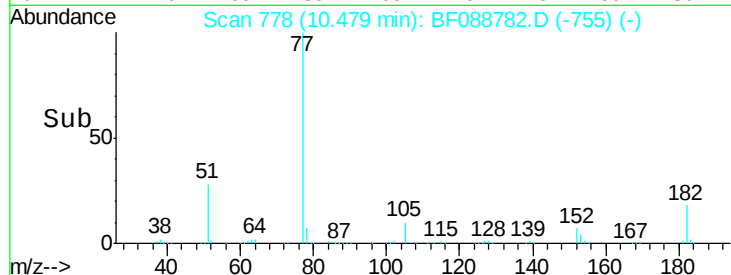


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 846

Delta R.T. -0.03 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

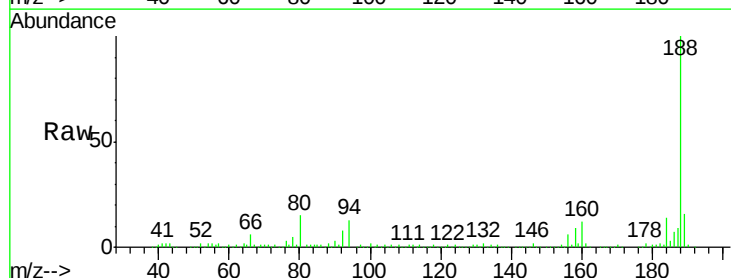
Tgt Ion: 188 Resp: 337693

Ion Ratio Lower Upper

188 100

94 13.0 9.0 13.6

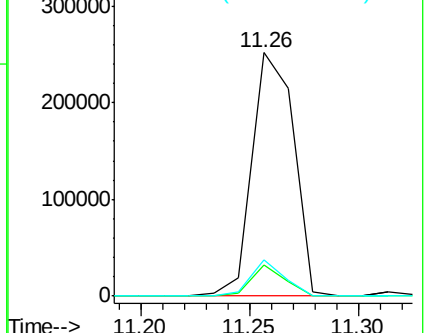
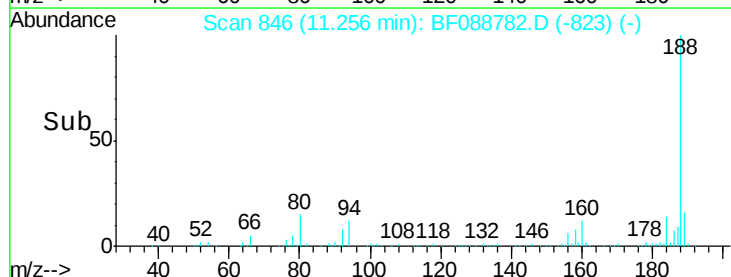
80 15.1 10.0 15.0#

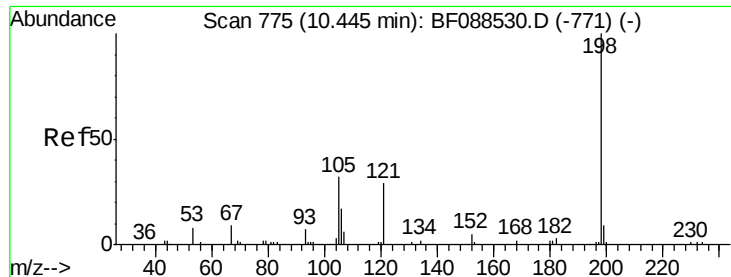


Abundance Ion 188.00 (187.70 to 188.70): E

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: 40.55 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.02 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

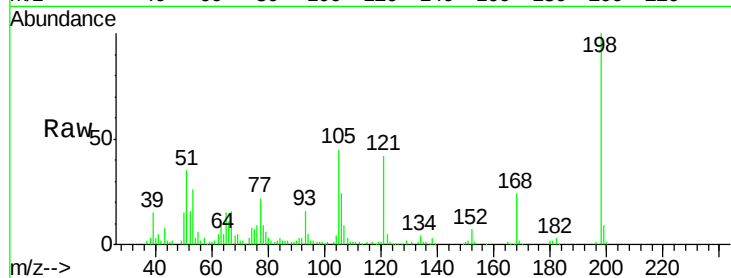
Tgt Ion:198 Resp: 73242

Ion Ratio Lower Upper

198 100

51 34.6 39.6 79.6#

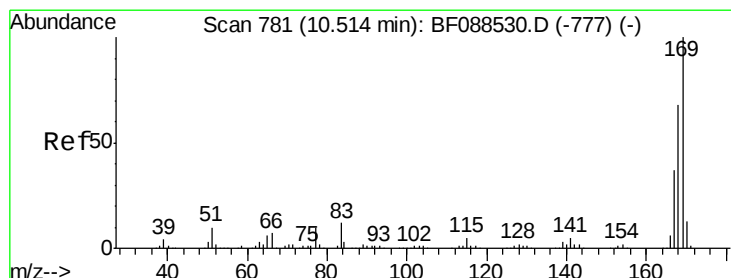
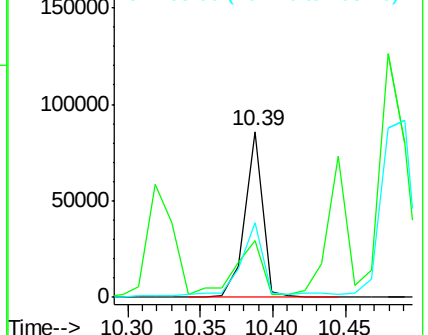
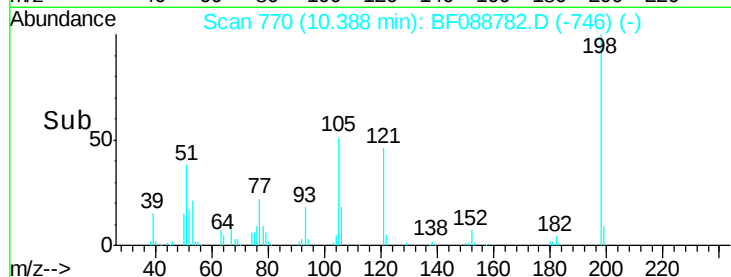
105 45.4 36.6 76.6



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: 37.69 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.03 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

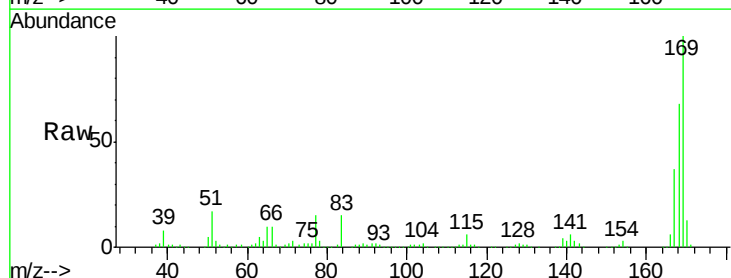
Tgt Ion:169 Resp: 430778

Ion Ratio Lower Upper

169 100

168 67.8 53.4 80.0

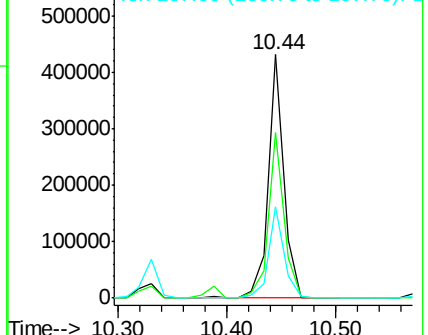
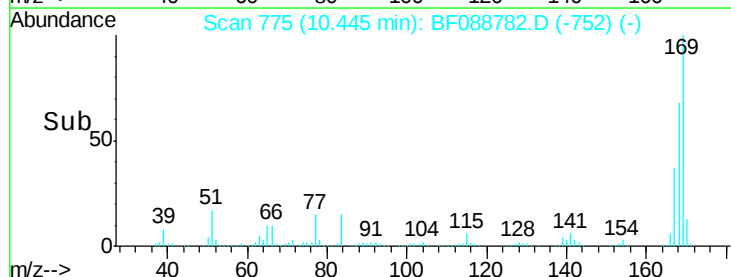
167 37.5 29.4 44.0

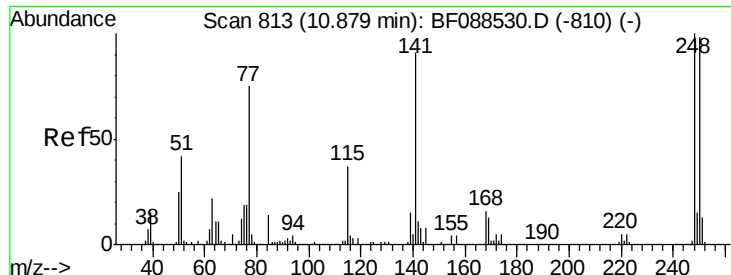


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

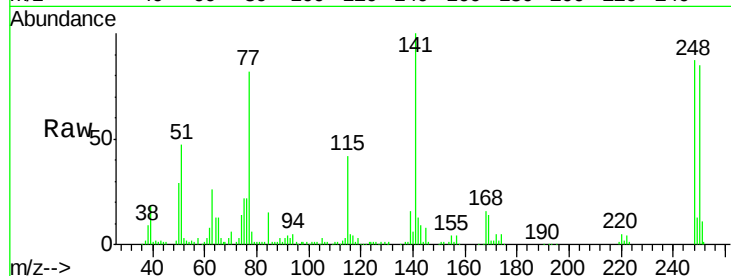




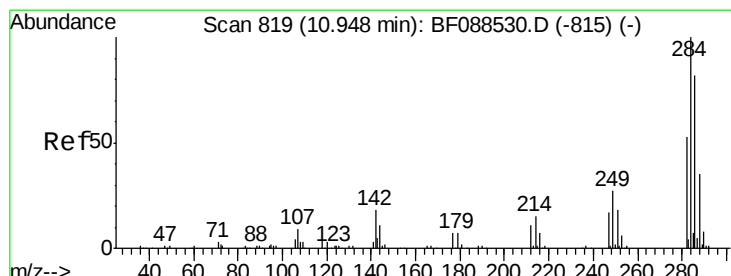
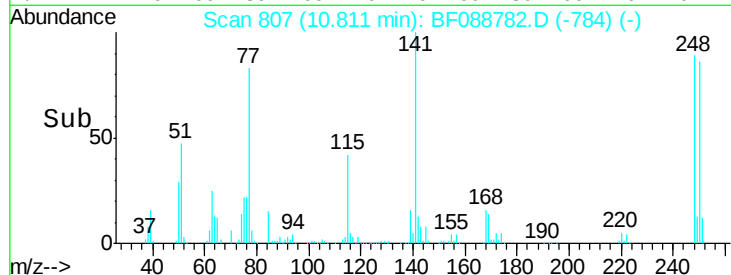
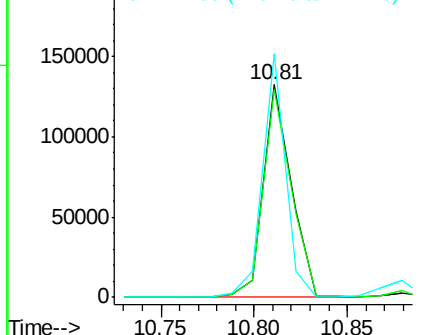
#66
4-Bromophenyl-phenylether
Concen: 40.10 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.03 min
Lab File: BF088782.D
Acq: 7 Jul 2016 16:17

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tgt Ion:248 Resp: 136466
Ion Ratio Lower Upper
248 100
250 97.4 77.1 115.7
141 114.4 50.6 76.0#

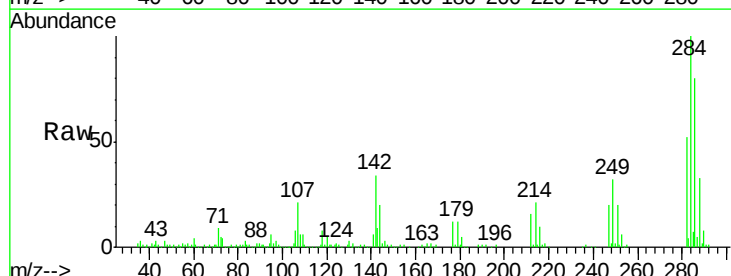


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

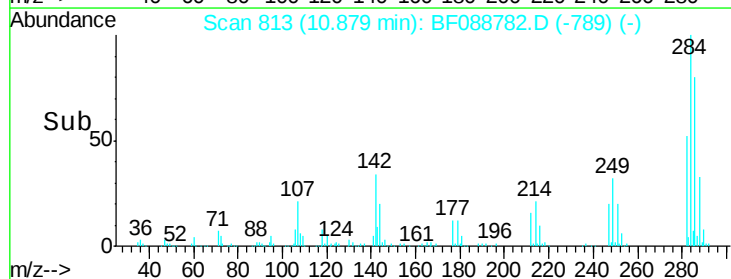
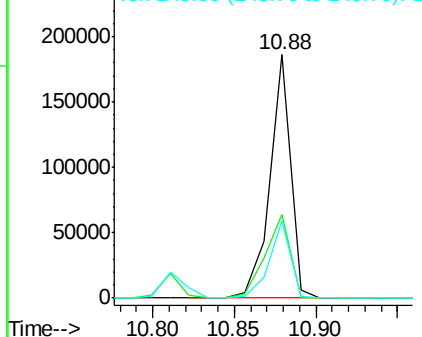


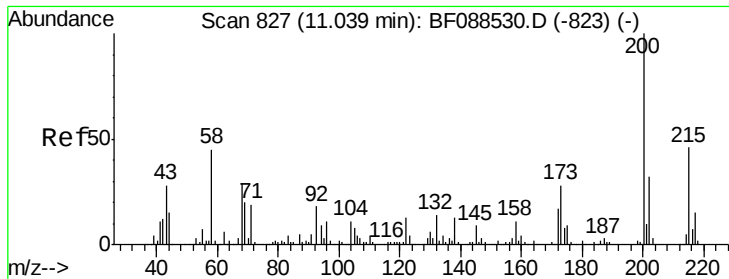
#67
Hexachlorobenzene
Concen: 43.77 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF088782.D
Acq: 7 Jul 2016 16:17

Tgt Ion:284 Resp: 164874
Ion Ratio Lower Upper
284 100
142 34.4 35.8 53.8#
249 31.6 25.8 38.6



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

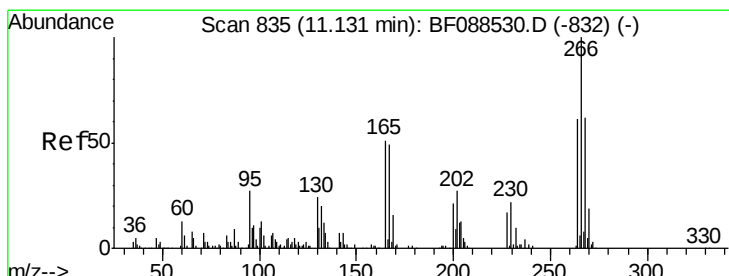
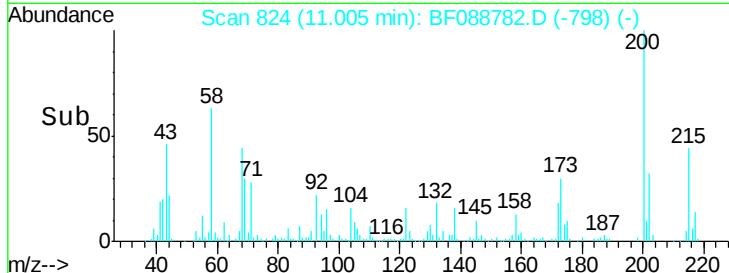
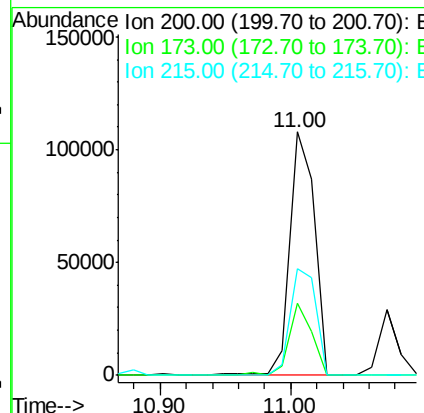
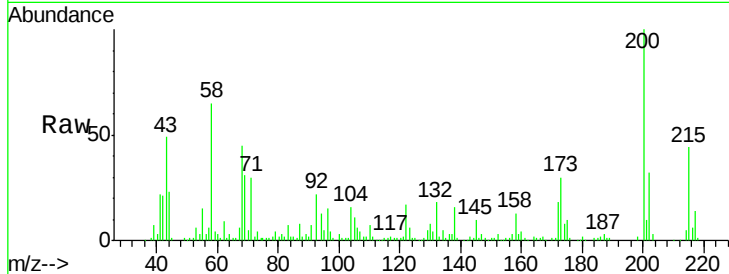




#68
 Atrazine
 Concen: 40.34 ng
 RT: 11.00 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BF088782.D
 Acq: 7 Jul 2016 16:17

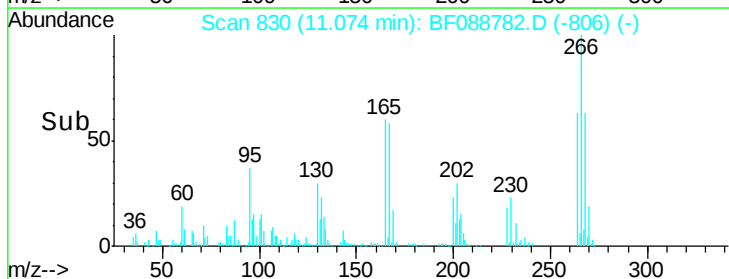
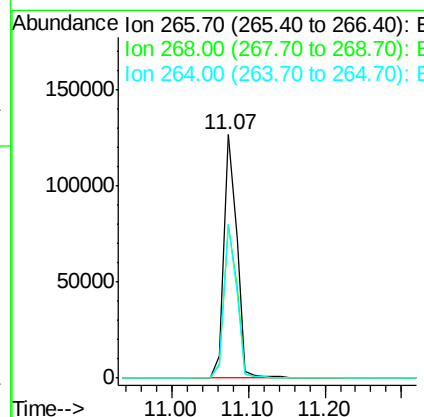
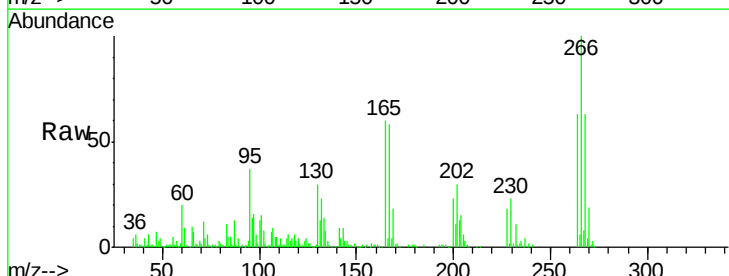
Instrument :
 BNA_F
 ClientSampleId :
 C1.2-6MS

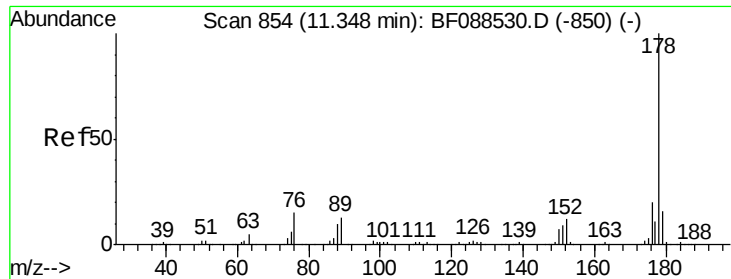
Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.6	4.0	44.0
215	43.6	29.3	69.3



#69
 Pentachlorophenol
 Concen: 67.73 ng
 RT: 11.07 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BF088782.D
 Acq: 7 Jul 2016 16:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.6	52.8	79.2
264	63.2	49.6	74.4

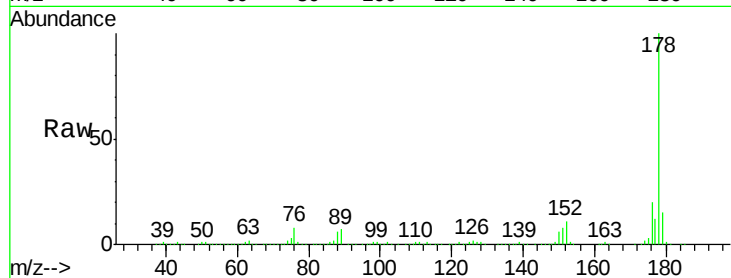




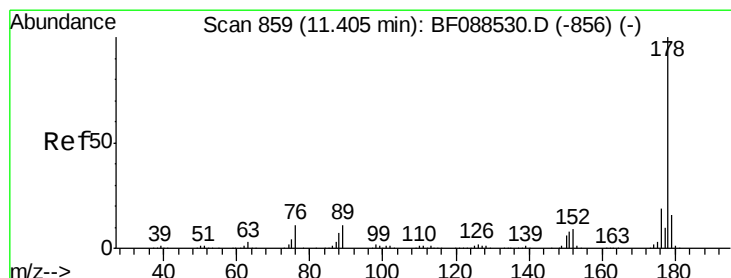
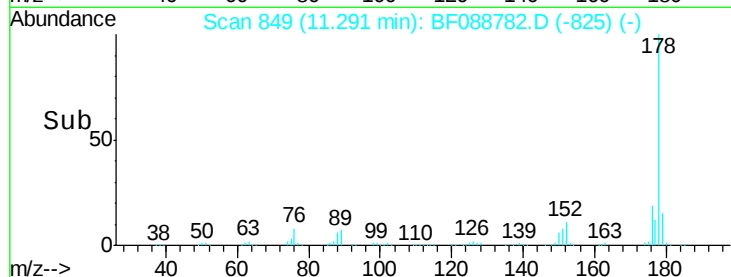
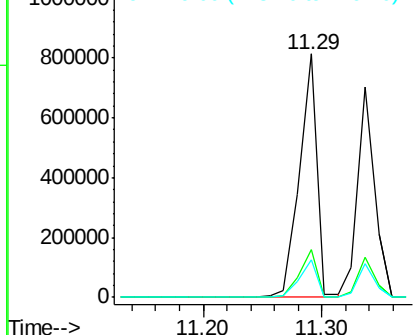
#70
Phenanthrene
Concen: 44.87 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.02 min
Lab File: BF088782.D
Acq: 7 Jul 2016 16:17

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tgt Ion:178 Resp: 828334
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 15.2 13.0 19.4

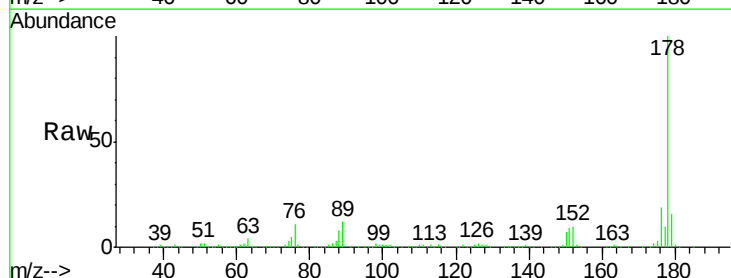


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

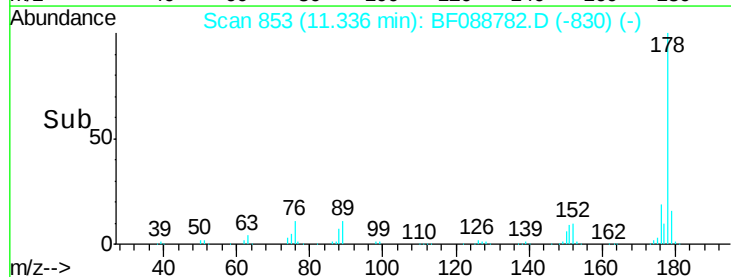
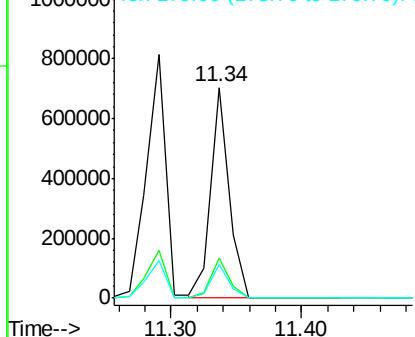


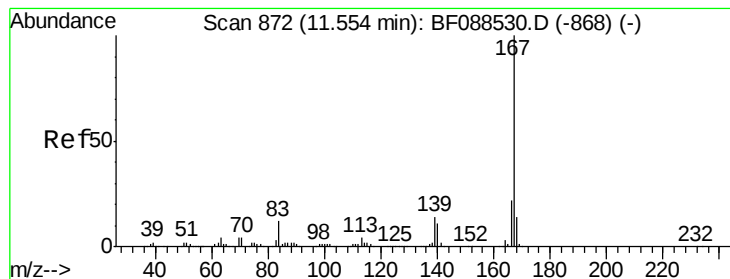
#71
Anthracene
Concen: 38.13 ng
RT: 11.34 min Scan# 853
Delta R.T. -0.03 min
Lab File: BF088782.D
Acq: 7 Jul 2016 16:17

Tgt Ion:178 Resp: 699834
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 15.9 12.8 19.2



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





#72

Carbazole

Concen: 42.25 ng

RT: 11.50 min Scan# 867

Delta R.T. -0.02 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

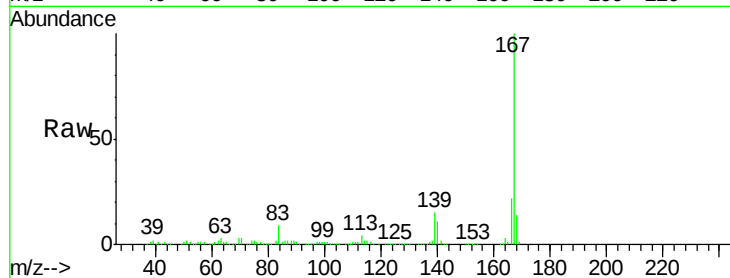
Tgt Ion:167 Resp: 729949

Ion Ratio Lower Upper

167 100

166 22.4 17.8 26.6

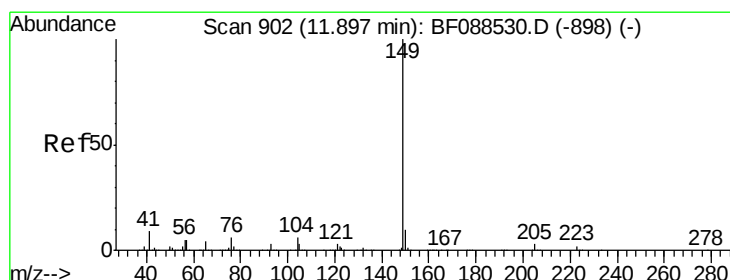
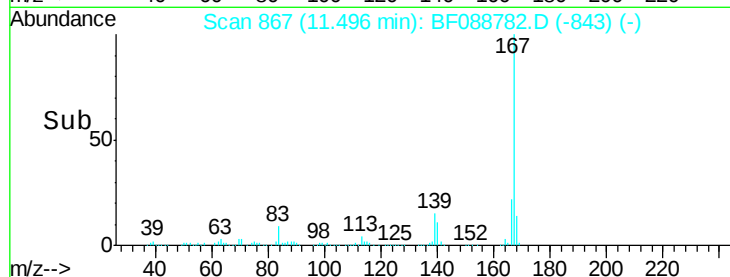
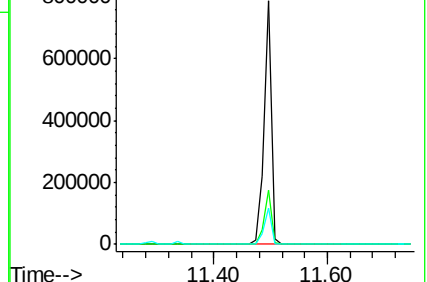
139 14.6 11.2 16.8



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: 37.73 ng

RT: 11.84 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

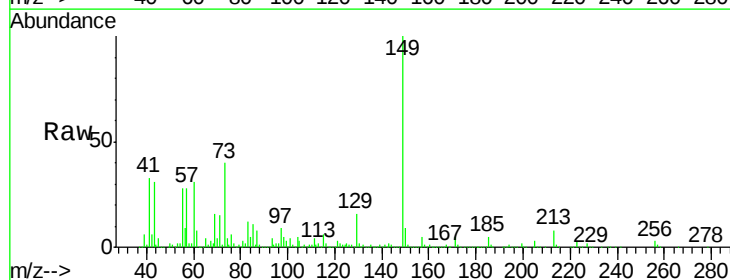
Tgt Ion:149 Resp: 758217

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

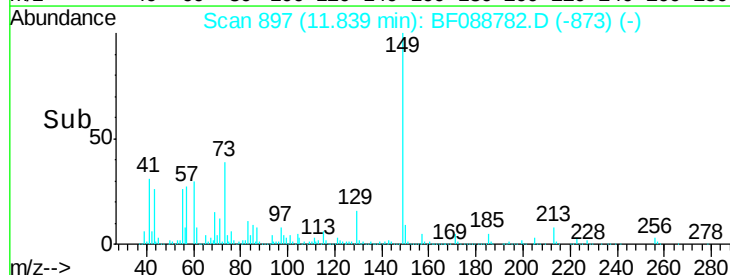
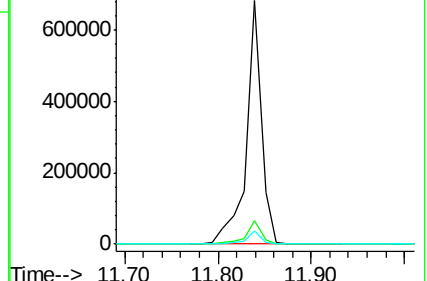
104 5.5 4.0 6.0

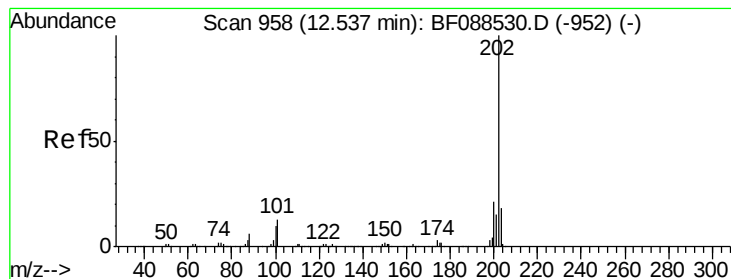


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 37.67 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

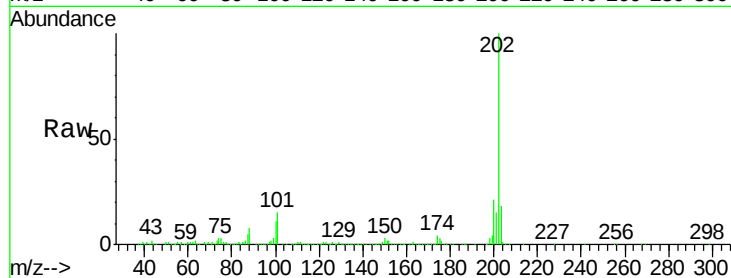
Tgt Ion:202 Resp: 704935

Ion Ratio Lower Upper

202 100

101 14.9 0.0 33.1

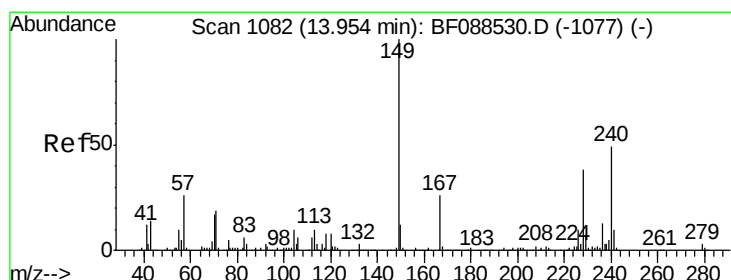
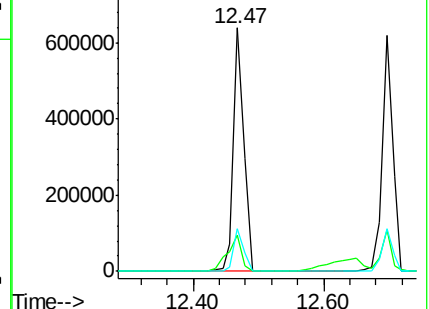
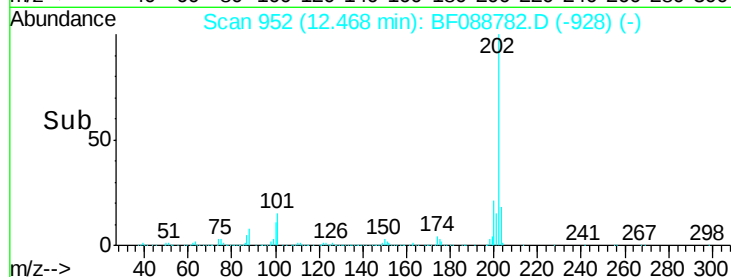
203 17.7 0.0 38.1



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: BF088782.D

Acq: 7 Jul 2016 16:17

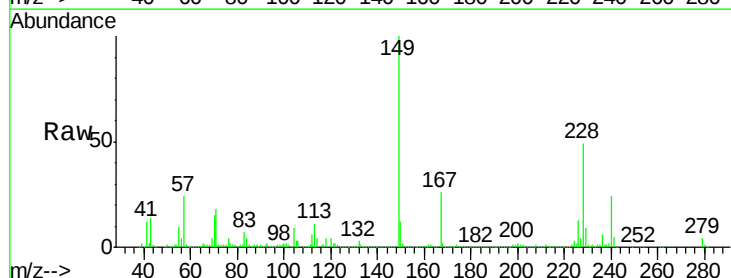
Tgt Ion:240 Resp: 215714

Ion Ratio Lower Upper

240 100

120 17.5 6.8 10.2#

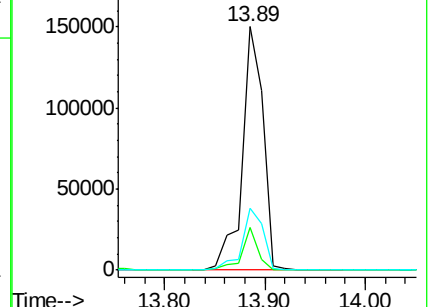
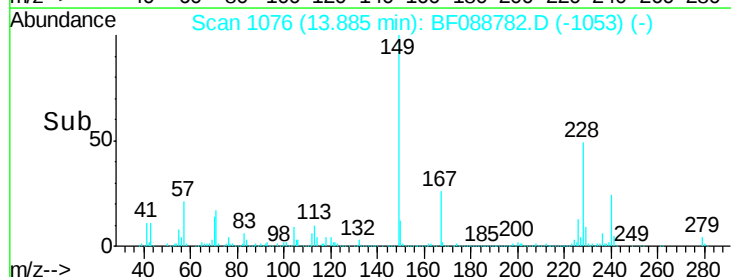
236 25.4 20.2 30.2

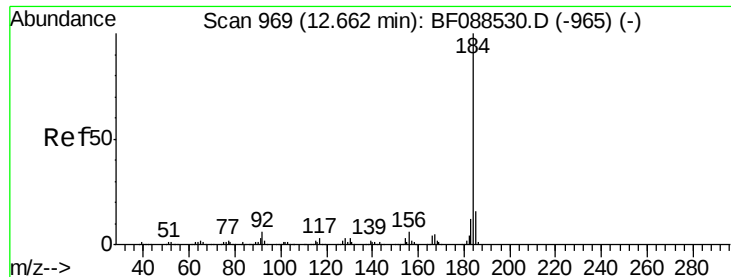


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 3.17 ng

RT: 12.61 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

Instrument :

BNA_F

ClientSampled :

C1.2-6MS

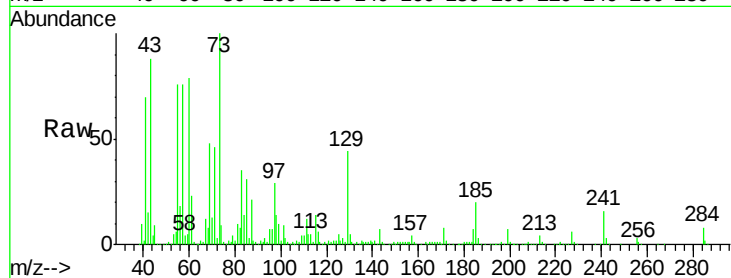
Tgt Ion:184 Resp: 34605

Ion Ratio Lower Upper

184 100

185 291.3 12.5 18.7#

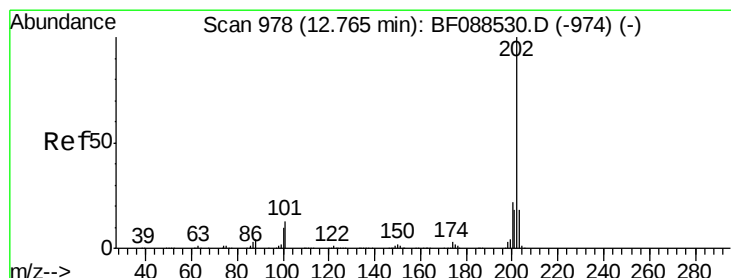
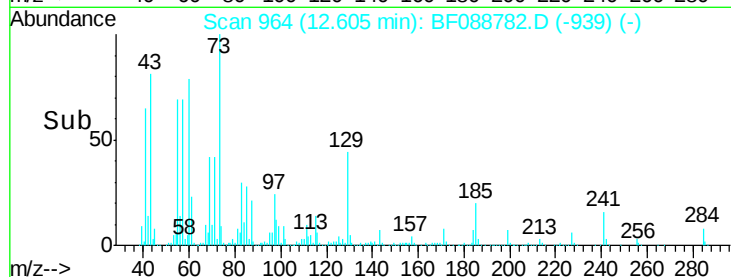
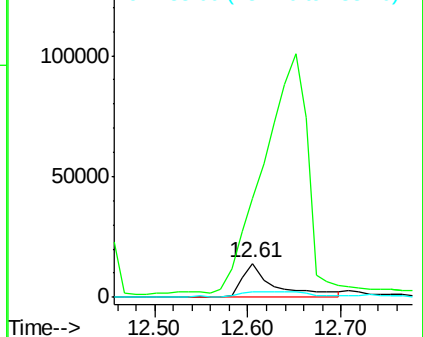
183 17.8 9.3 13.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 38.30 ng

RT: 12.70 min Scan# 972

Delta R.T. -0.02 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

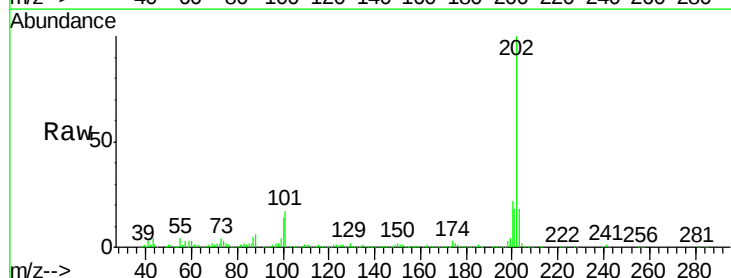
Tgt Ion:202 Resp: 700552

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

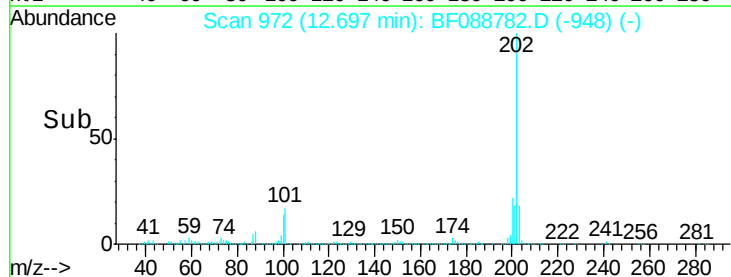
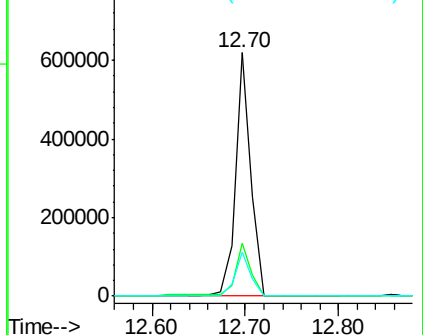
203 18.1 14.5 21.7

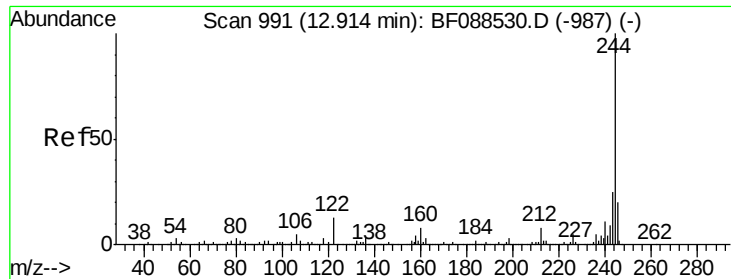


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 110.17 ng

RT: 12.86 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

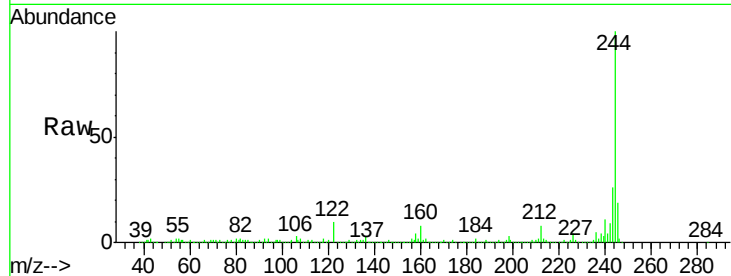
Tgt Ion:244 Resp: 1066937

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

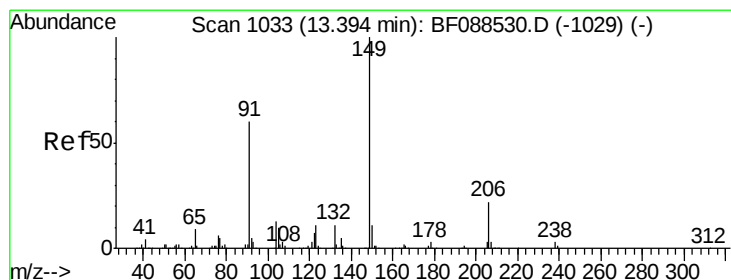
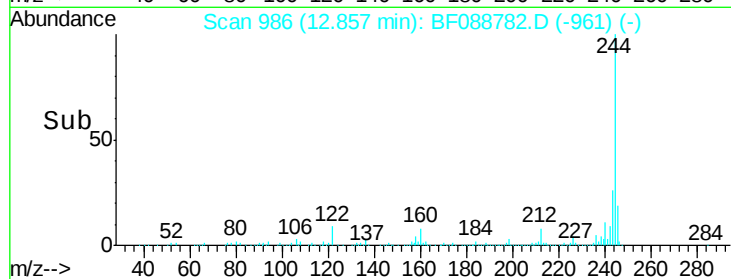
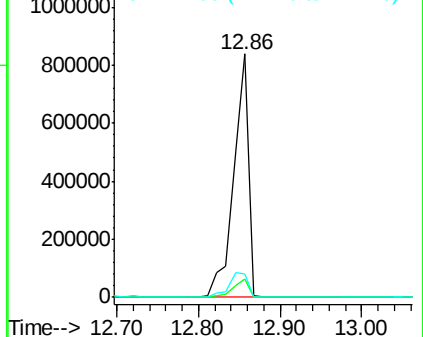
122 9.7 11.2 16.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 49.37 ng

RT: 13.33 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

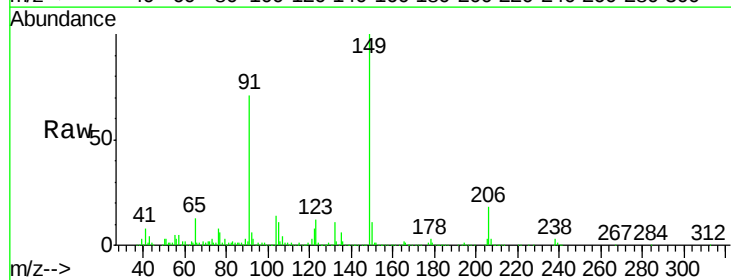
Tgt Ion:149 Resp: 402797

Ion Ratio Lower Upper

149 100

91 70.6 48.0 72.0

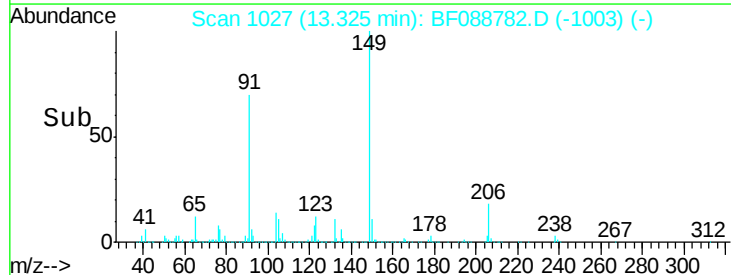
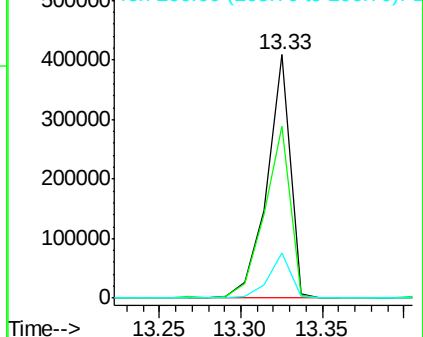
206 18.4 16.0 24.0

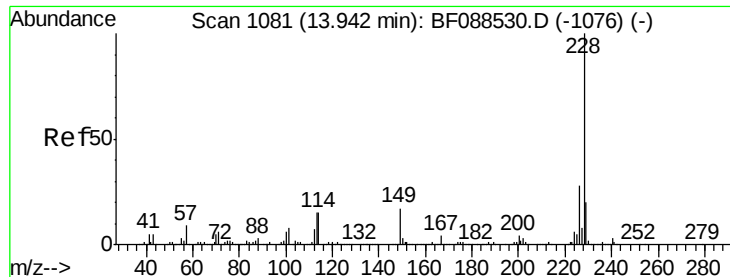


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 41.73 ng

RT: 13.87 min Scan# 1075

Delta R.T. -0.03 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

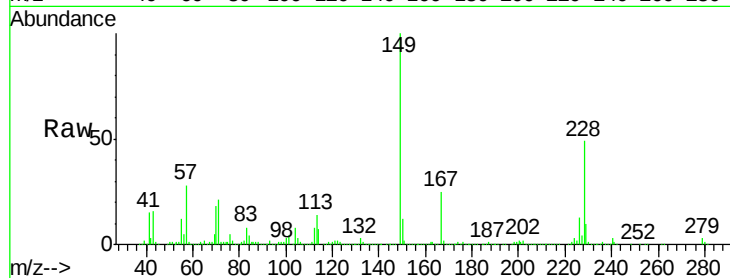
Tgt Ion:228 Resp: 579599

Ion Ratio Lower Upper

228 100

226 27.2 22.3 33.5

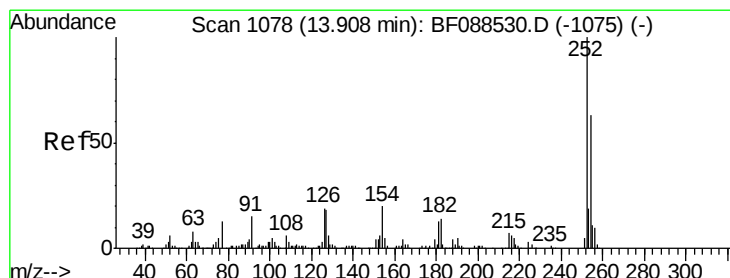
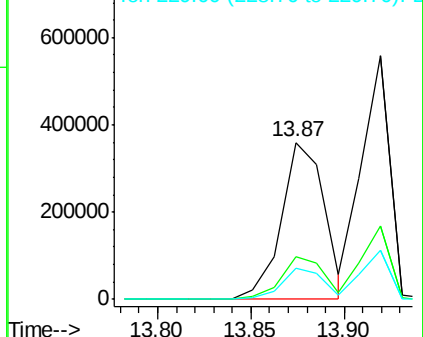
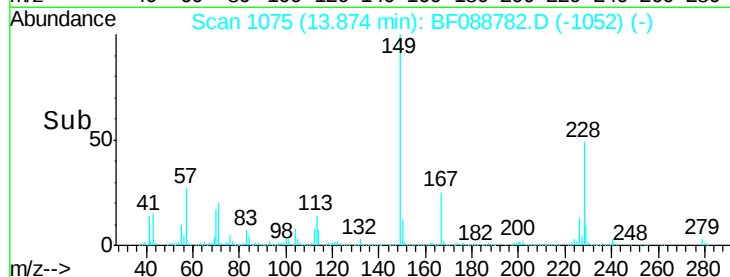
229 19.9 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 19.91 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.03 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

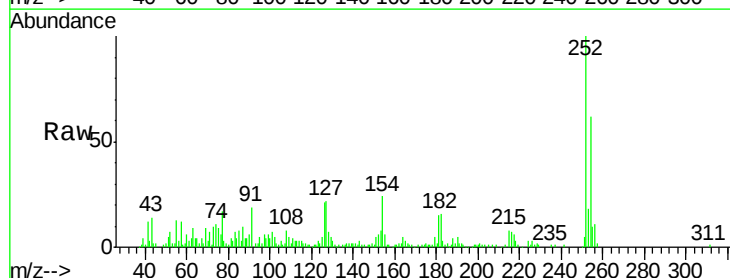
Tgt Ion:252 Resp: 103969

Ion Ratio Lower Upper

252 100

254 61.7 52.6 78.8

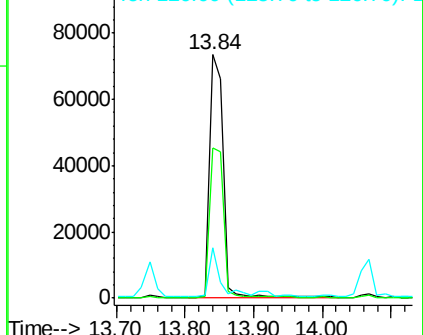
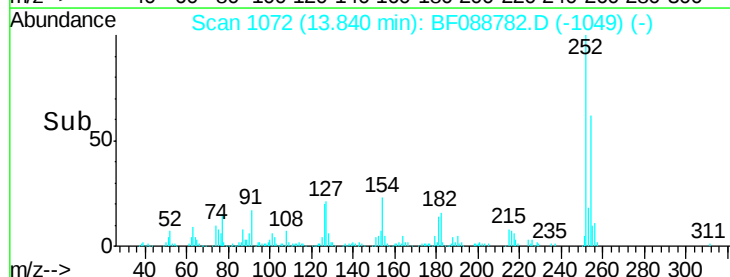
126 20.8 6.2 9.2#

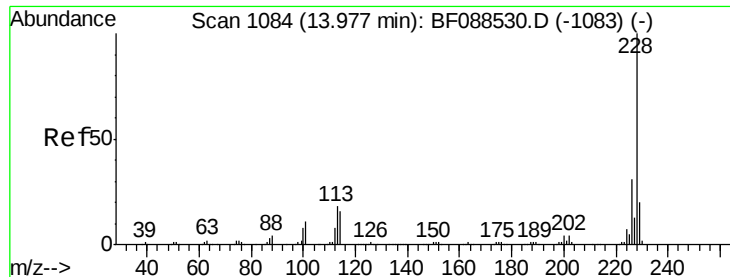


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 42.57 ng

RT: 13.92 min Scan# 1079

Delta R.T. -0.02 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

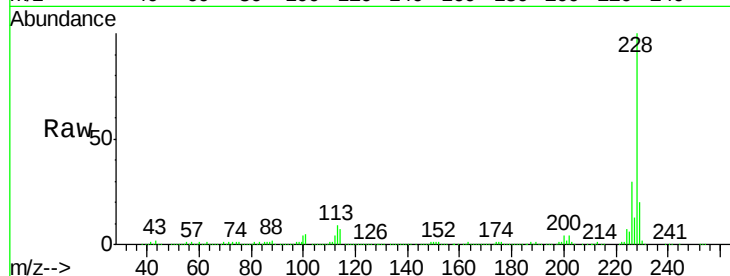
Tgt Ion:228 Resp: 584968

Ion Ratio Lower Upper

228 100

226 30.4 25.4 38.2

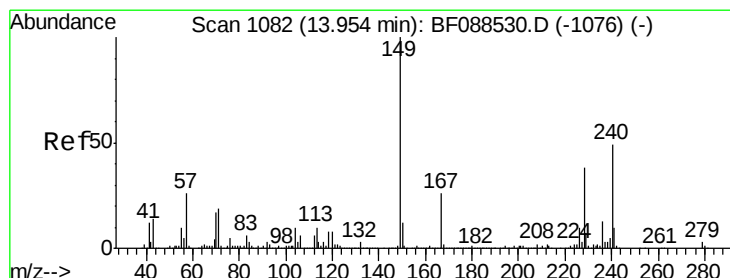
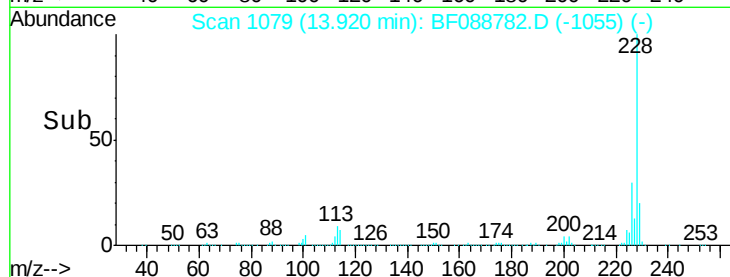
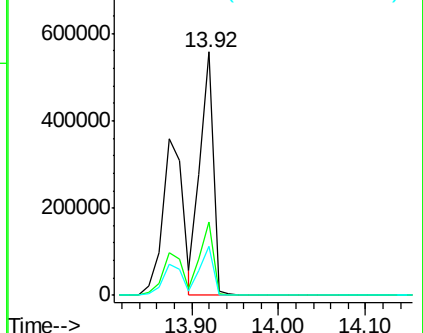
229 20.1 16.3 24.5



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: 117.31 ng

RT: 13.87 min Scan# 1075

Delta R.T. -0.03 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

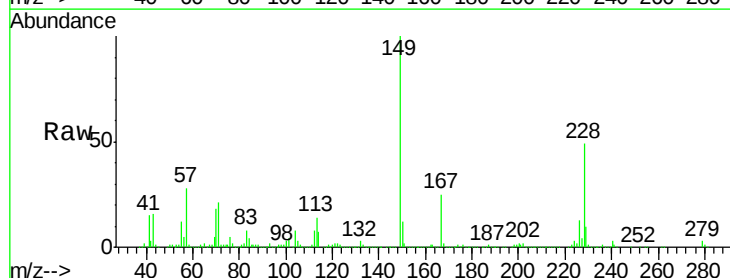
Tgt Ion:149 Resp: 1092698

Ion Ratio Lower Upper

149 100

167 25.0 20.5 30.7

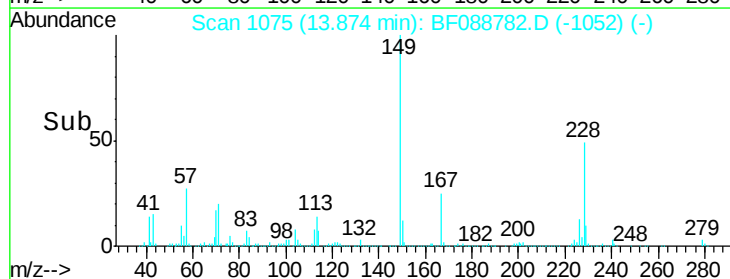
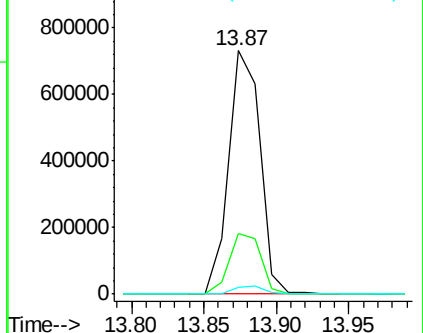
279 2.8 2.0 3.0

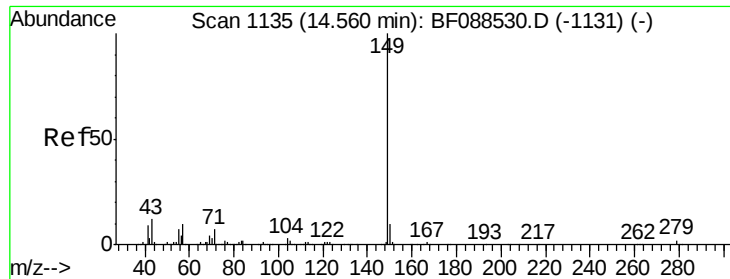


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 58.13 ng

RT: 14.49 min Scan# 1129

Delta R.T. -0.02 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

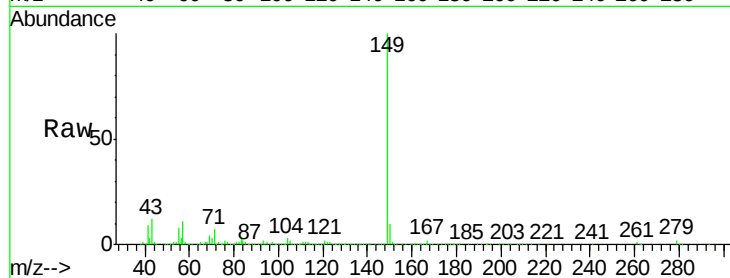
Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

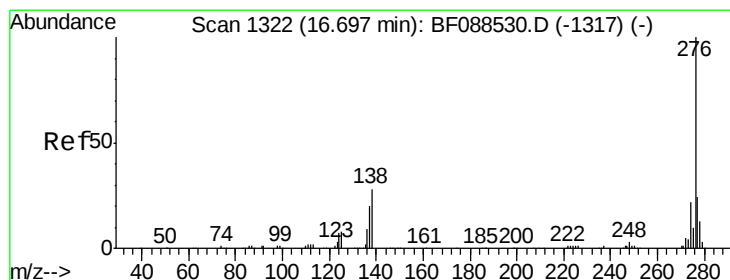
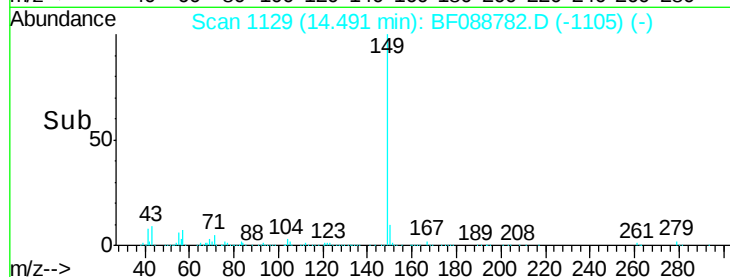
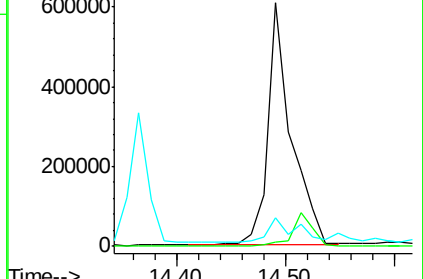
Tgt Ion:	149	Resp:	919826
Ion	Ratio	Lower	Upper
149	100		
167	0.0	0.0	0.0
43	12.3	0.0	0.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 50.40 ng

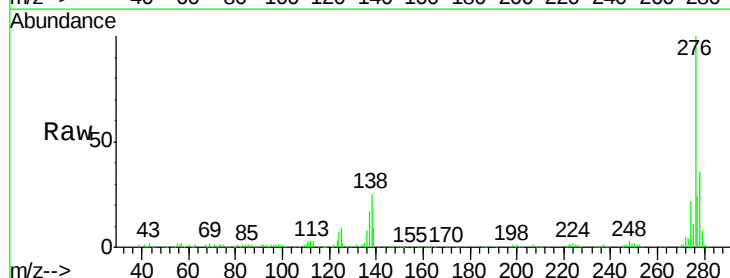
RT: 16.58 min Scan# 1312

Delta R.T. -0.06 min

Lab File: BF088782.D

Acq: 7 Jul 2016 16:17

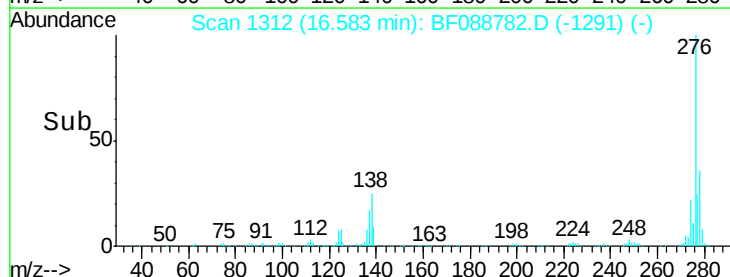
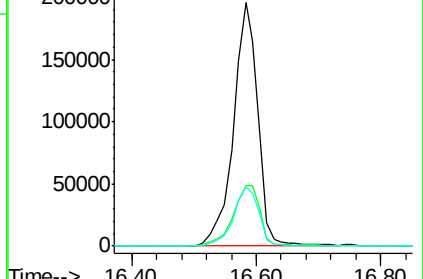
Tgt Ion:	276	Resp:	532881
Ion	Ratio	Lower	Upper
276	100		
138	27.5	0.0	0.0#
277	25.6	0.0	0.0#

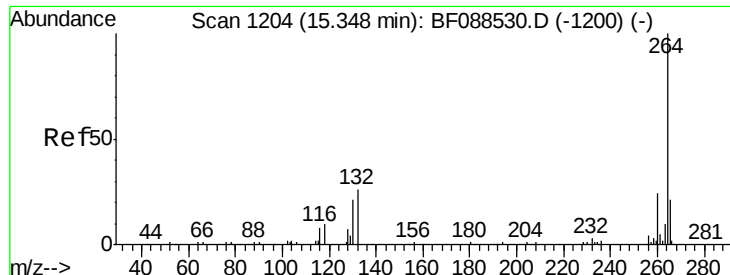


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



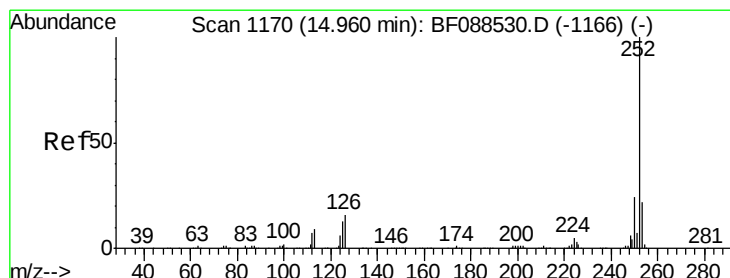
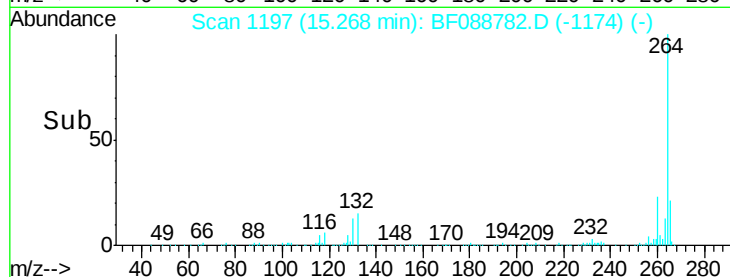
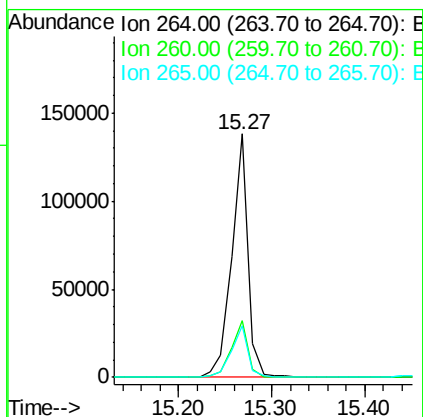
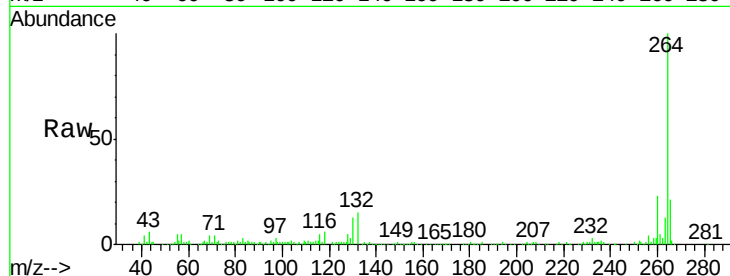


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1197
Delta R.T. -0.03 min
Lab File: BF088782.D
Acq: 7 Jul 2016 16:17

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tgt Ion: 264 Resp: 169320

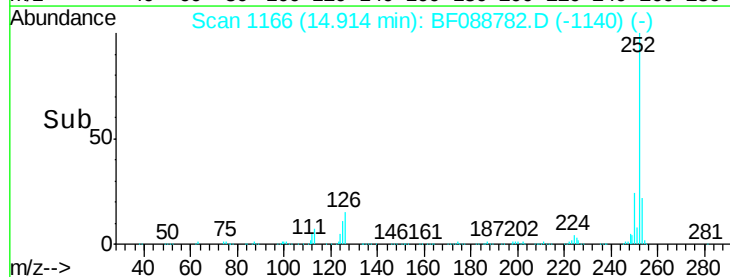
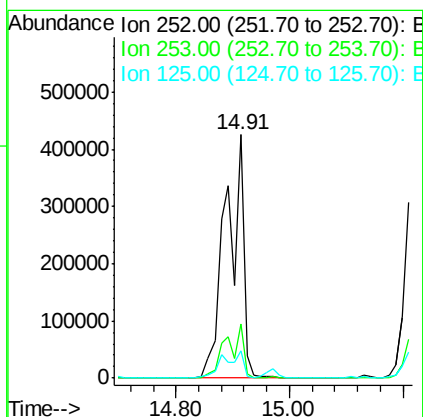
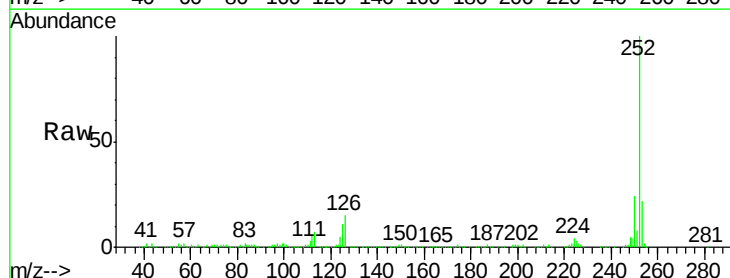
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.2	16.9	25.3

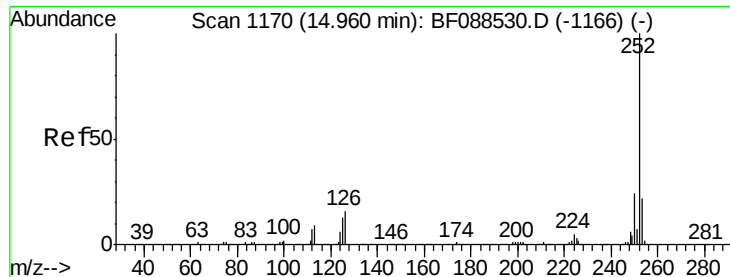


#87
Benzo(b)fluoranthene
Concen: 88.26 ng
RT: 14.91 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF088782.D
Acq: 7 Jul 2016 16:17

Tgt Ion: 252 Resp: 937415

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	11.0	7.1	10.7

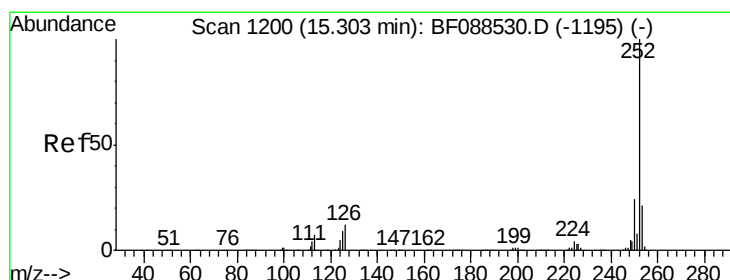
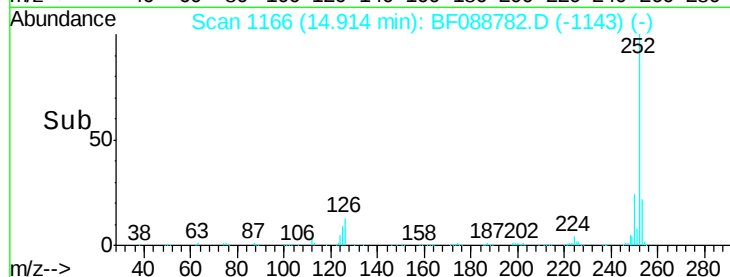
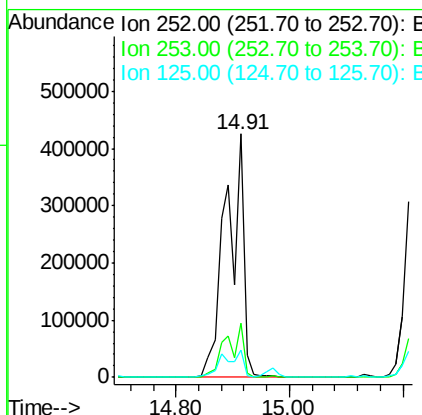
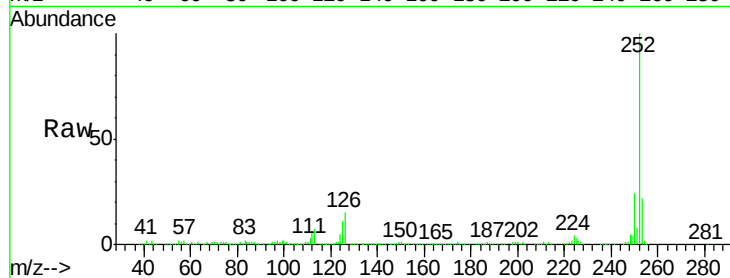




#88
Benzo(k)fluoranthene
Concen: 101.38 ng
RT: 14.91 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BF088782.D
Acq: 7 Jul 2016 16:17

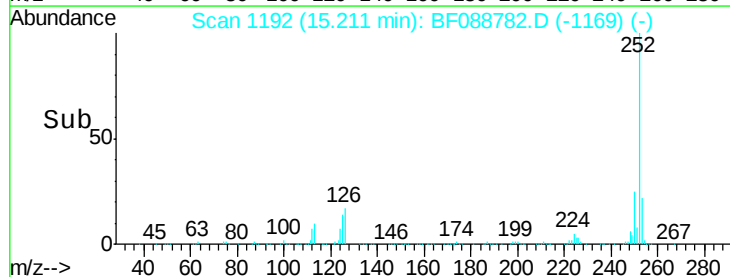
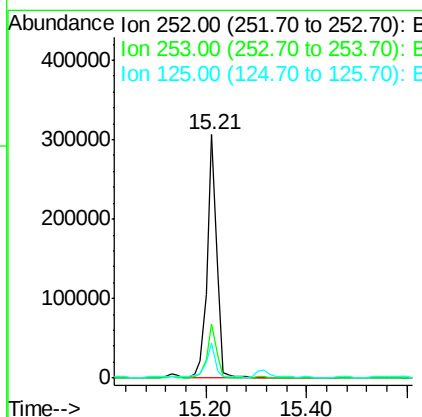
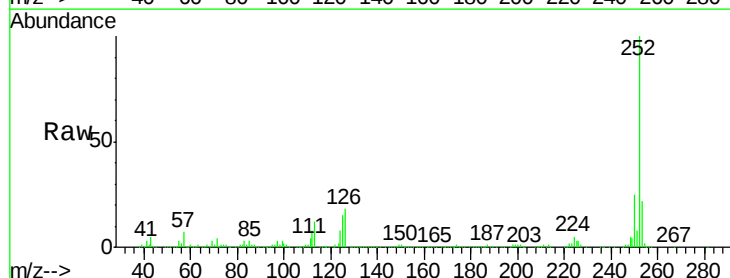
Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

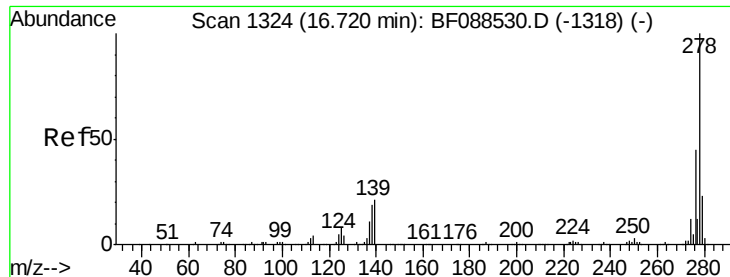
Tgt Ion:252 Resp: 937415
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 11.0 11.2 16.8#



#89
Benzo(a)pyrene
Concen: 45.07 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.03 min
Lab File: BF088782.D
Acq: 7 Jul 2016 16:17

Tgt Ion:252 Resp: 405287
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 14.5 12.5 18.7



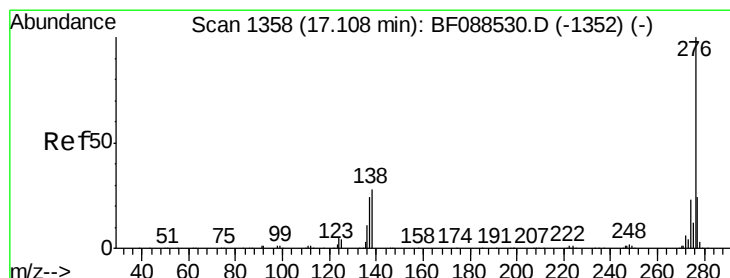
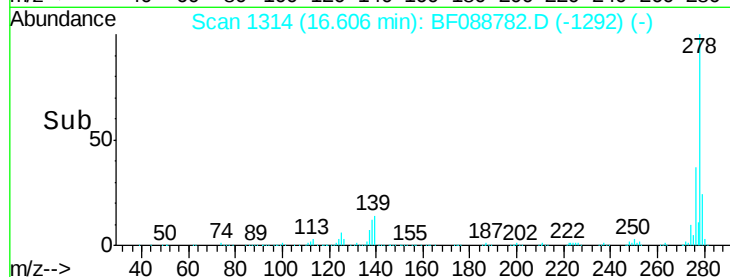
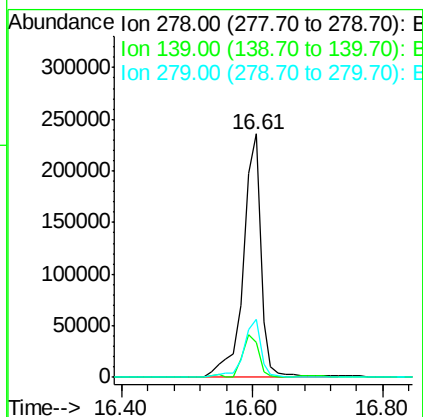
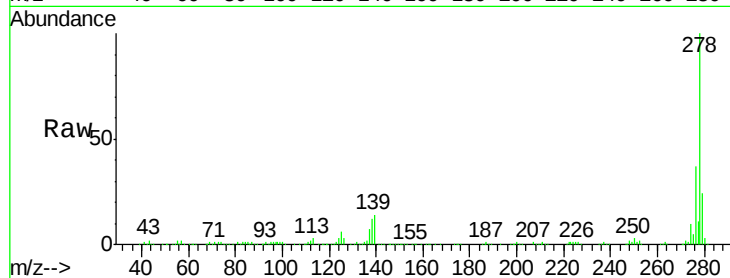


#90
Dibenzo(a,h)anthracene
Concen: 58.99 ng
RT: 16.61 min Scan# 1314
Delta R.T. -0.05 min
Lab File: BF088782.D
Acq: 7 Jul 2016 16:17

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tgt Ion:278 Resp: 442972

Ion	Ratio	Lower	Upper
278	100		
139	14.5	15.7	23.5#
279	24.1	19.4	29.2



#91
Benzo(g,h,i)perylene
Concen: 58.89 ng
RT: 16.98 min Scan# 1347
Delta R.T. -0.06 min
Lab File: BF088782.D
Acq: 7 Jul 2016 16:17

Tgt Ion:276 Resp: 457618

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.9	28.3
138	22.8	21.4	32.2

