

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
 Data File : BF097528.D
 Acq On : 9 Aug 2017 21:06
 Operator : SJ/JU
 Sample : I4658-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-L9-SSWMS

Quant Time: Aug 10 01:07:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	107092	20.00	ng	-0.01
21) Naphthalene-d8	7.68	136	430531	20.00	ng	-0.02
38) Acenaphthene-d10	9.43	164	179915	20.00	ng	-0.01
63) Phenanthrene-d10	10.90	188	310332	20.00	ng	-0.02
75) Chrysene-d12	13.53	240	152955	20.00	ng	-0.01
86) Perylene-d12	14.86	264	163534	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.99	112	688425	96.91	ng	-0.01
7) Phenol-d6	6.07	99	783584	96.62	ng	-0.01
23) Nitrobenzene-d5	6.97	82	431538	58.80	ng	-0.02
41) 2,4,6-Tribromophenol	10.22	330	142868	100.50	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	699637	66.00	ng	-0.01
78) Terphenyl-d14	12.48	244	468233	62.41	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.90	88	87706	29.58	ng	# 72
3) Pyridine	2.50	79	251050	27.66	ng	# 67
4) n-Nitrosodimethylamine	2.46	42	164276	32.67	ng	80
6) Aniline	6.06	93	292253	28.64	ng	93
8) 2-Chlorophenol	6.19	128	246725	32.48	ng	92
9) Benzaldehyde	5.95	77	102375	21.33	ng	93
10) Phenol	6.09	94	331106	34.42	ng	96
11) bis(2-Chloroethyl)ether	6.15	93	262608	34.52	ng	89
12) 1,3-Dichlorobenzene	6.33	146	243911	29.80	ng	98
13) 1,4-Dichlorobenzene	6.42	146	257305	31.72	ng	96
14) 1,2-Dichlorobenzene	6.57	146	218073	30.79	ng	97
15) Benzyl Alcohol	6.57	79	207771	40.46	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.69	45	497507	32.60	ng	88
17) 2-Methylphenol	6.69	107	200982	34.28	ng	# 87
18) Hexachloroethane	6.90	117	87323	29.42	ng	# 77
19) n-Nitroso-di-n-propylamine	6.83	70	181845	34.06	ng	# 81
20) 3+4-Methylphenols	6.85	107	274758	35.88	ng	# 59
22) Acetophenone	6.82	105	336679	32.56	ng	# 98
24) Nitrobenzene	6.99	77	235964	30.87	ng	95
25) Isophorone	7.23	82	437857	30.47	ng	98
26) 2-Nitrophenol	7.31	139	128299	31.03	ng	# 85
27) 2,4-Dimethylphenol	7.37	122	211465	31.00	ng	98
28) bis(2-Chloroethoxy)methane	7.45	93	301232	32.12	ng	99
29) 2,4-Dichlorophenol	7.57	162	202746	34.50	ng	95
30) 1,2,4-Trichlorobenzene	7.63	180	183833	32.82	ng	97
31) Naphthalene	7.70	128	649830	32.02	ng	100
32) Benzoic acid	7.52	122	30200	5.93	ng	# 71
33) 4-Chloroaniline	7.77	127	245715	29.76	ng	98
34) Hexachlorobutadiene	7.83	225	92272	31.07	ng	99
35) Caprolactam	8.15	113	42713	22.67	ng	# 52
36) 4-Chloro-3-methylphenol	8.28	107	216652	33.79	ng	86
37) 2-Methylnaphthalene	8.39	142	439166	34.18	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	162043	33.75	ng	99
40) Hexachlorocyclopentadiene	8.55	237	41822	29.45	ng	97

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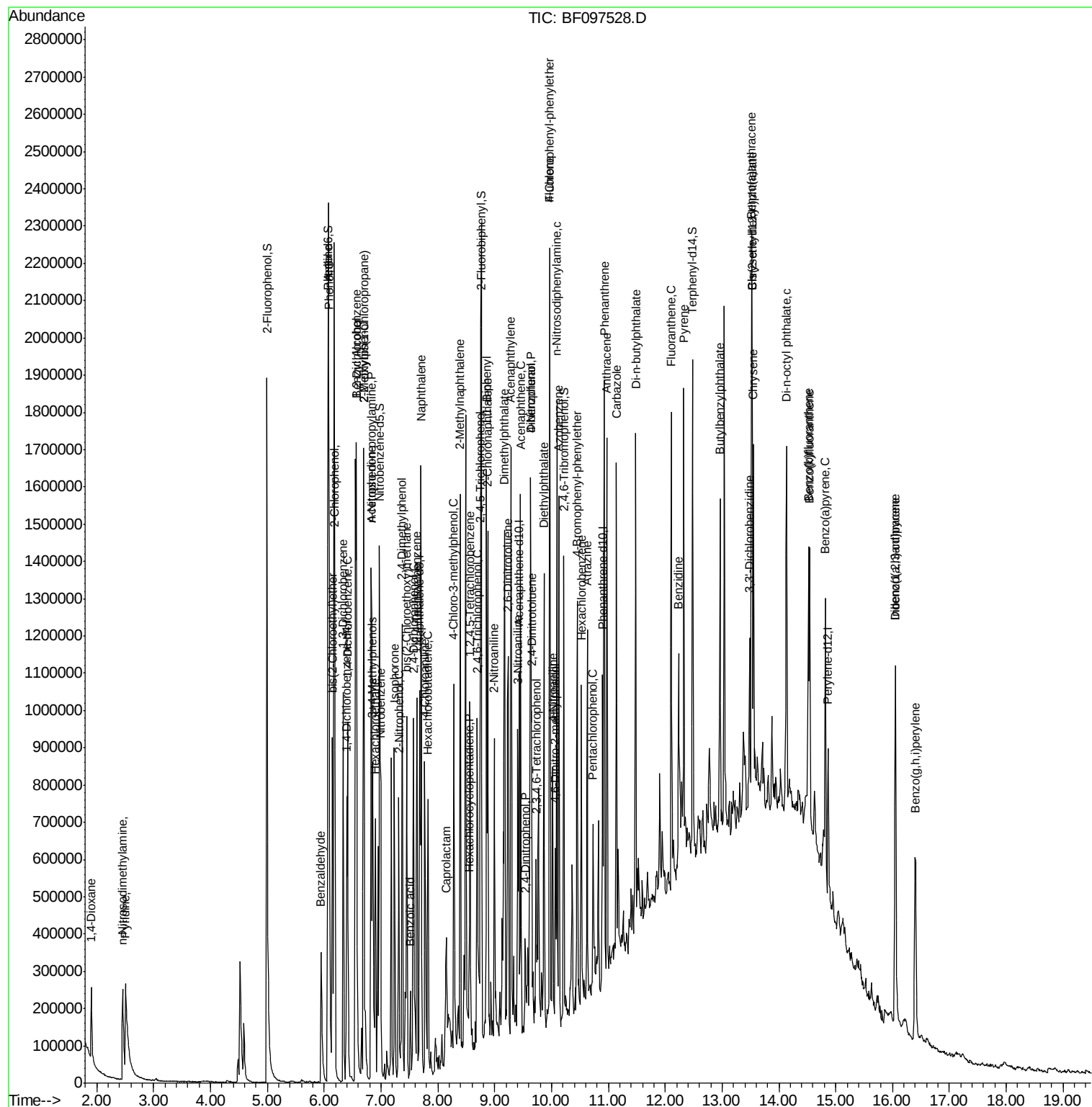
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.69	196	109603	31.51	nq	98
43) 2,4,5-Trichlorophenol	8.75	196	107370	30.84	nq #	95
45) 1,1'-Biphenyl	8.86	154	493885	32.14	nq	97
46) 2-Chloronaphthalene	8.88	162	380333	33.63	nq #	93
47) 2-Nitroaniline	8.99	65	146293	35.65	nq	97
48) Acenaphthylene	9.29	152	575883	33.18	nq	99
49) Dimethylphthalate	9.17	163	572283	41.89	nq	99
50) 2,6-Dinitrotoluene	9.24	165	99261	34.25	nq #	81
51) Acenaphthene	9.46	154	345885	33.83	nq	98
52) 3-Nitroaniline	9.40	138	109538	30.45	nq	97
53) 2,4-Dinitrophenol	9.54	184	44971	34.13	nq #	77
54) Dibenzofuran	9.63	168	511570	37.56	nq	95
55) 4-Nitrophenol	9.63	139	315389	147.45	nq #	36
56) 2,4-Dinitrotoluene	9.65	165	135334	40.63	nq #	87
57) Fluorene	9.97	166	393787	38.47	nq	97
58) 2,3,4,6-Tetrachlorophenol	9.73	232	66474	27.65	nq	92
59) Diethylphthalate	9.87	149	462402	36.89	nq	99
60) 4-Chlorophenyl-phenylether	9.97	204	157107	37.17	nq	99
61) 4-Nitroaniline	10.02	138	120650	35.30	nq	93
62) Azobenzene	10.13	77	485362	41.74	nq	92
64) 4,6-Dinitro-2-methylphenol	10.06	198	60568	31.41	nq	94
65) n-Nitrosodiphenylamine	10.09	169	395493	36.63	nq	99
66) 4-Bromophenyl-phenylether	10.45	248	107680	34.77	nq	92
67) Hexachlorobenzene	10.52	284	110031	31.68	nq #	85
68) Atrazine	10.63	200	111901	36.14	nq	96
69) Pentachlorophenol	10.73	266	69182	48.14	nq	96
70) Phenanthrene	10.93	178	656331	39.47	nq	100
71) Anthracene	10.97	178	591620	34.74	nq	98
72) Carbazole	11.14	167	553341	33.04	nq	99
73) Di-n-butylphthalate	11.48	149	682766	32.98	nq	99
74) Fluoranthene	12.10	202	553495	33.98	nq	97
76) Benzidine	12.24	184	214995	37.88	nq #	92
77) Pyrene	12.33	202	585818	46.78	nq	99
79) Butylbenzylphthalate	12.96	149	225938	35.47	nq #	80
80) Benzo(a)anthracene	13.52	228	346392	35.00	nq	99
81) 3,3'-Dichlorobenzidine	13.49	252	108093	28.96	nq #	97
82) Chrysene	13.55	228	339767	35.16	nq	99
83) Bis(2-ethylhexyl)phthalate	13.53	149	268627	32.30	nq	99
84) Di-n-octyl phthalate	14.13	149	493435	32.33	nq #	77
85) Indeno(1,2,3-cd)pyrene	16.05	276	391477	47.24	nq	97
87) Benzo(b)fluoranthene	14.52	252	322956	32.85	nq	97
88) Benzo(k)fluoranthene	14.54	252	252635	26.97	nq	99
89) Benzo(a)pyrene	14.82	252	326620	36.30	nq #	97
90) Dibenzo(a,h)anthracene	16.05	278	312831	42.40	nq #	94
91) Benzo(g,h,i)perylene	16.40	276	358378	46.32	nq	98

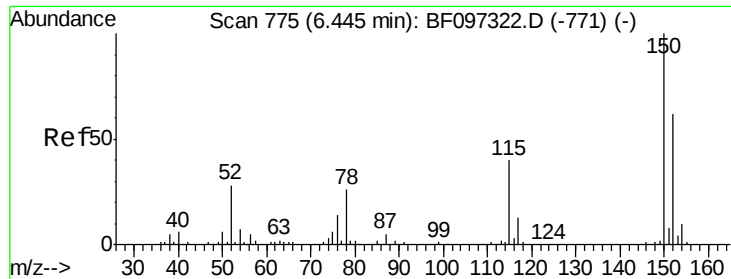
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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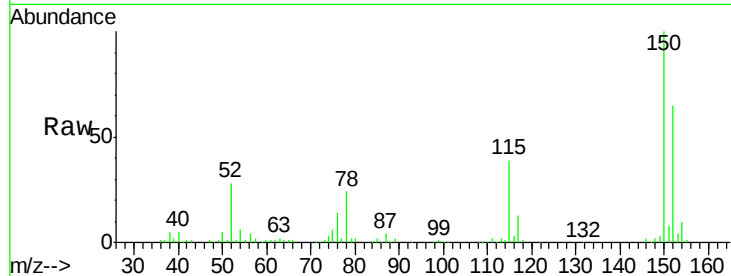


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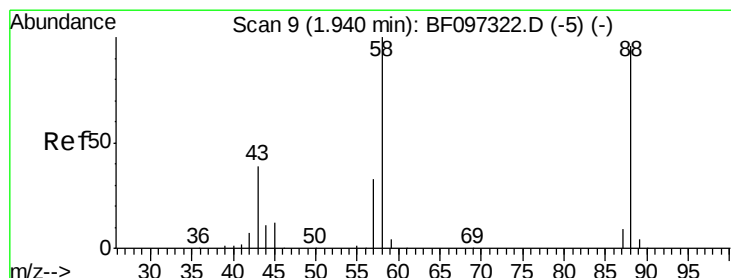
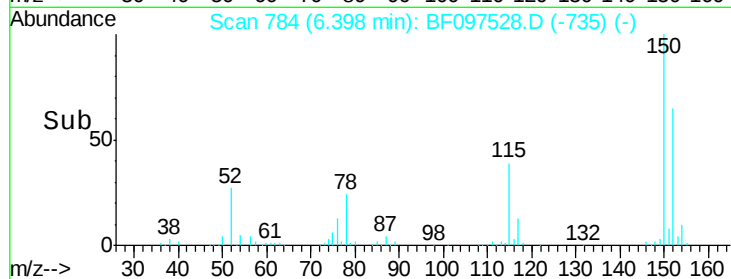
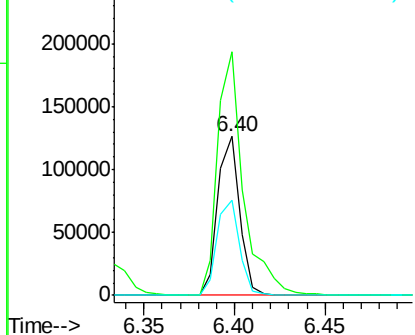
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.40 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF097528.D
Acq: 9 Aug 2017 21:06

Instrument :
BNA_F
ClientSampleId :
E2-L9-SSWMS

Tot Ion:152 Resp: 107092
Ion Ratio Lower Upper
152 100
150 153.6 126.2 189.2
115 59.6 52.2 78.2



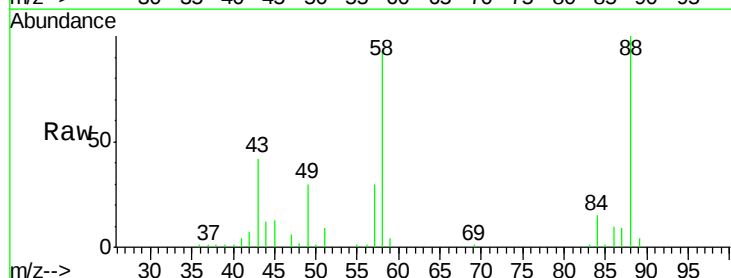
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



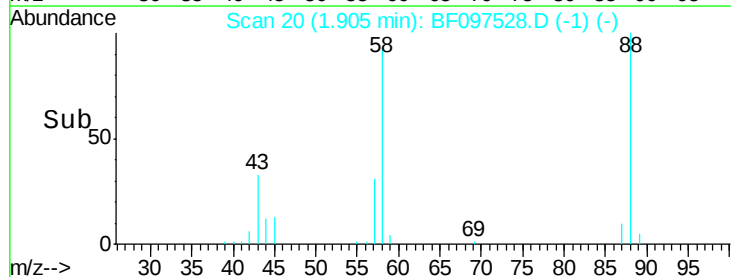
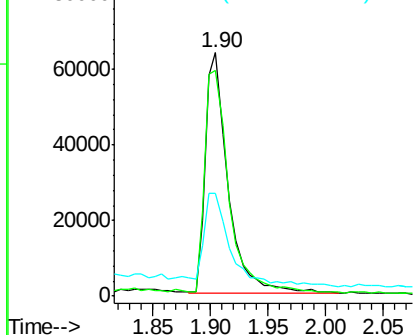
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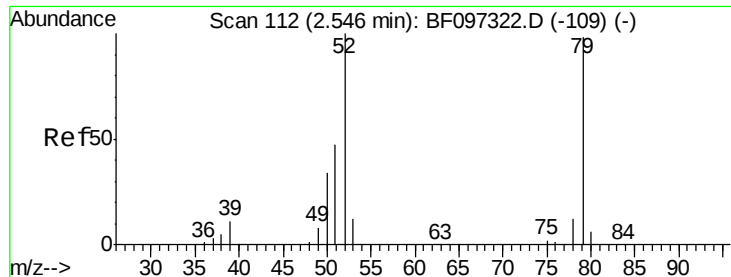
1,4-Dioxane
Concen: 29.58 ng
RT: 1.90 min Scan# 20
Delta R.T. 0.01 min
Lab File: BF097528.D
Acq: 9 Aug 2017 21:06

Tgt Ion: 88 Resp: 87706
Ion Ratio Lower Upper
88 100
58 99.0 61.4 92.0#
43 46.3 23.4 35.0#



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





#3

Pvridine

Concen: 27.66 ng

RT: 2.50 min Scan# 122

Delta R.T. 0.01 min

Lab File: BF097528.D

Acq: 9 Aug 2017 21:06

Instrument :

BNA_F

ClientSampleId :

E2-L9-SSWMS

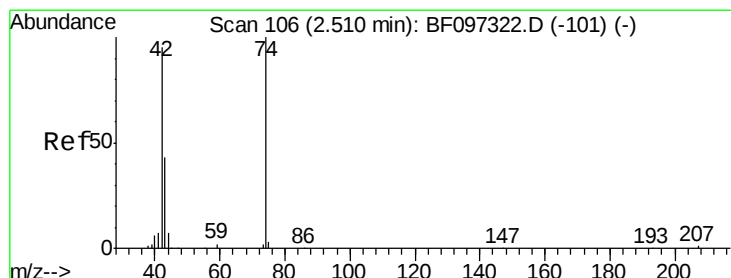
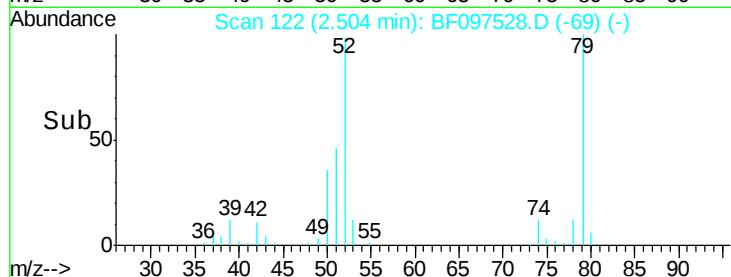
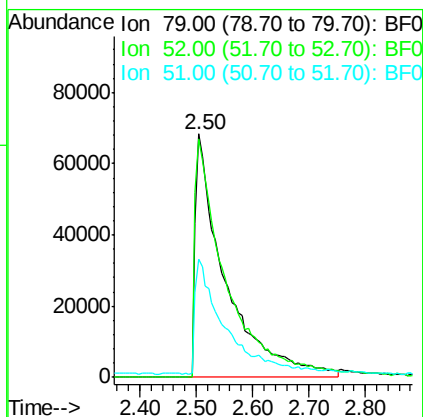
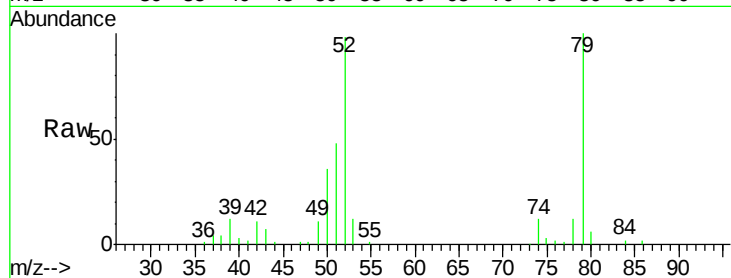
Tot Ion: 79 Resp: 251050

Ion Ratio Lower Upper

79 100

52 98.2 54.8 82.2#

51 48.5 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 32.67 ng

RT: 2.46 min Scan# 114

Delta R.T. -0.01 min

Lab File: BF097528.D

Acq: 9 Aug 2017 21:06

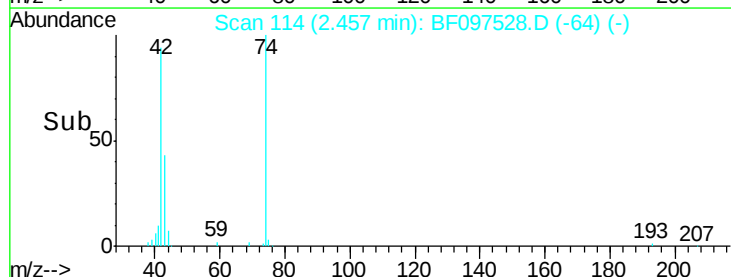
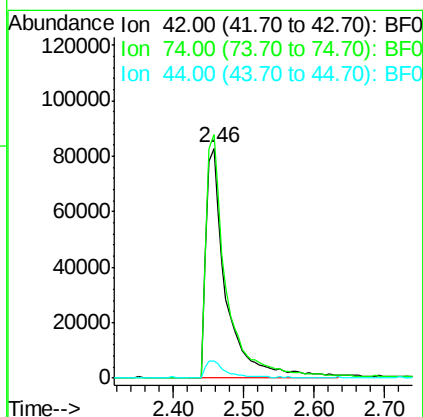
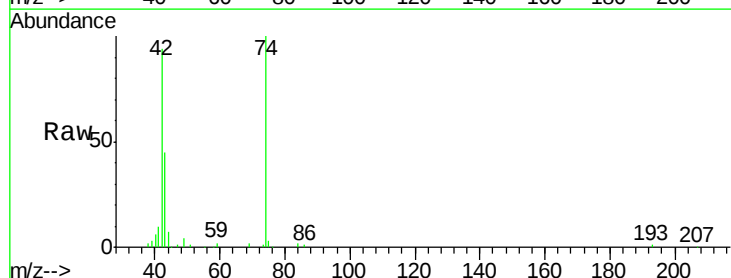
Tgt Ion: 42 Resp: 164276

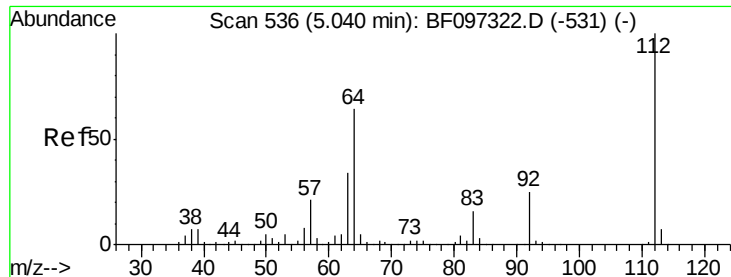
Ion Ratio Lower Upper

42 100

74 105.9 103.9 155.9

44 7.3 5.7 8.5





#5

2-Fluorophenol

Concen: 96.91 ng

RT: 4.99 min Scan# 545

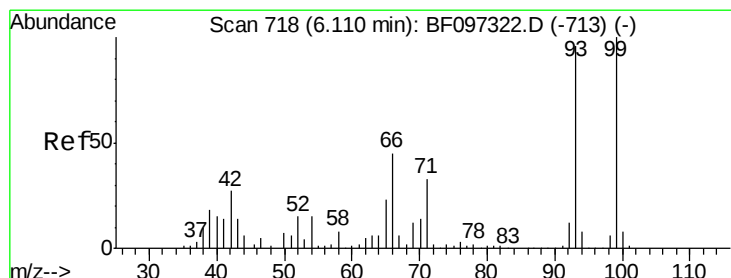
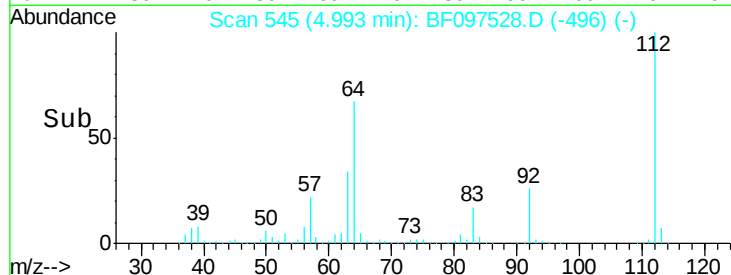
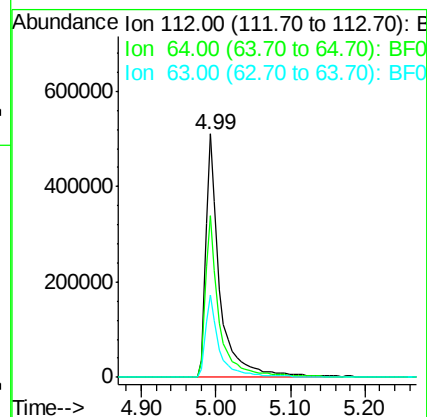
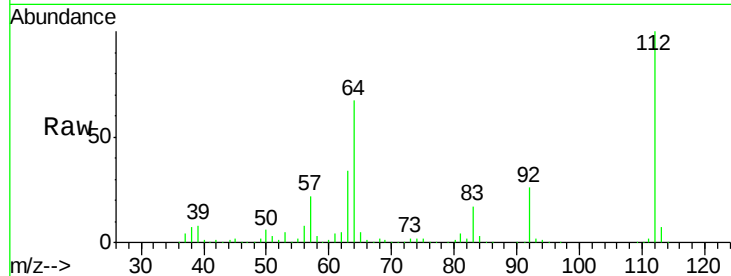
Delta R.T. -0.01 min

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Tot Ion:112	Resp:	688425
Ion Ratio	Lower	Upper
112	100	
64	66.7	46.0 69.0
63	34.0	23.4 35.0



#6

Aniline

Concen: 28.64 ng

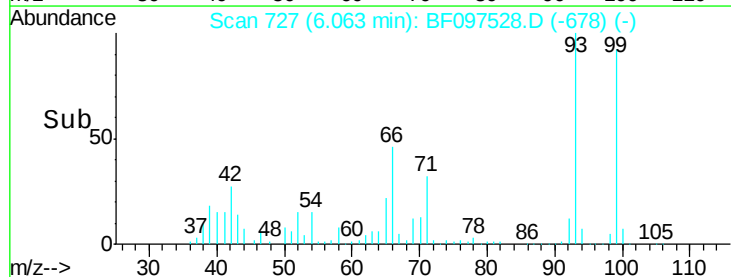
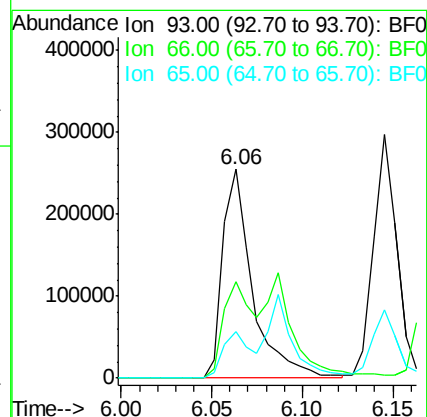
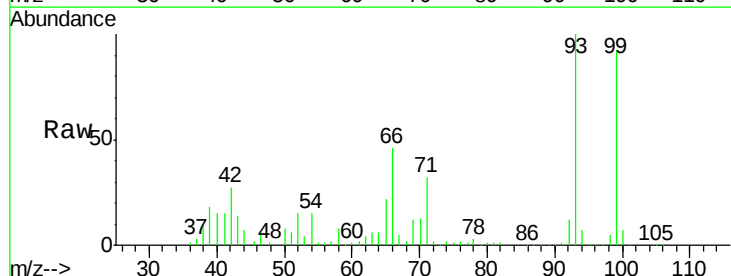
RT: 6.06 min Scan# 727

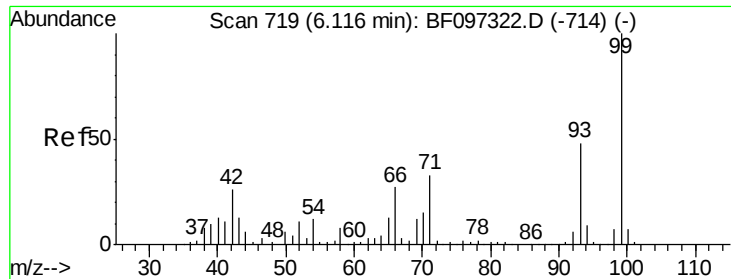
Delta R.T. -0.01 min

Lab File: BF097528.D

Acq: 9 Aug 2017 21:06

Tgt Ion: 93	Resp:	292253
Ion Ratio	Lower	Upper
93	100	
66	46.4	32.9 49.3
65	22.4	16.0 24.0





#7

Phenol-d6

Concen: 96.62 ng

RT: 6.07 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF097528.D

Acq: 9 Aug 2017 21:06

Instrument :

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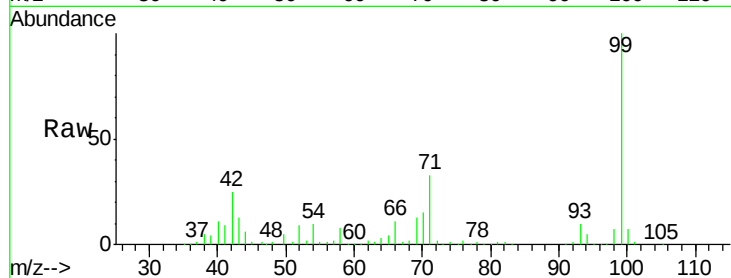
Tot Ion: 99 Resp: 783584

Ion Ratio Lower Upper

99 100

42 24.7 13.5 20.3#

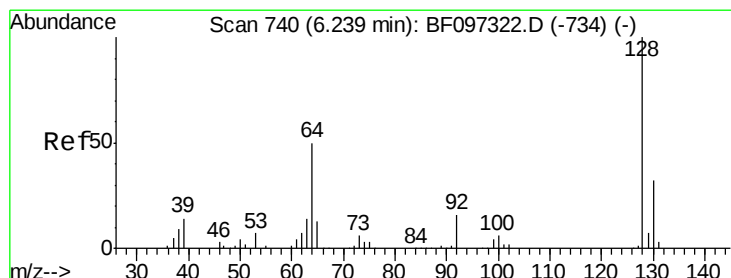
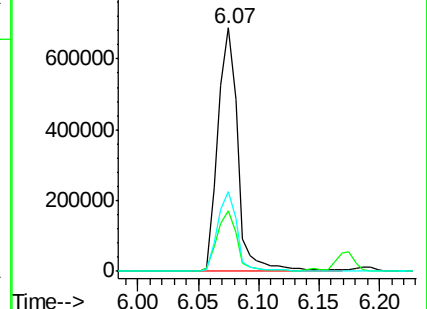
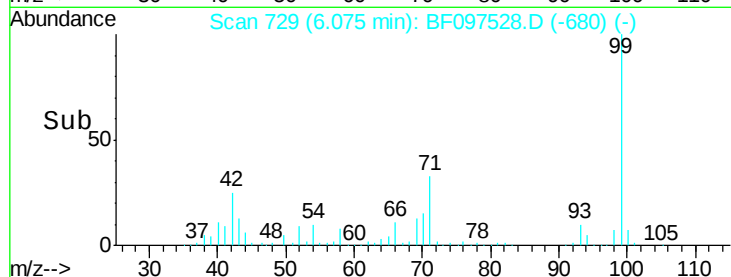
71 33.0 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 32.48 ng

RT: 6.19 min Scan# 748

Delta R.T. -0.02 min

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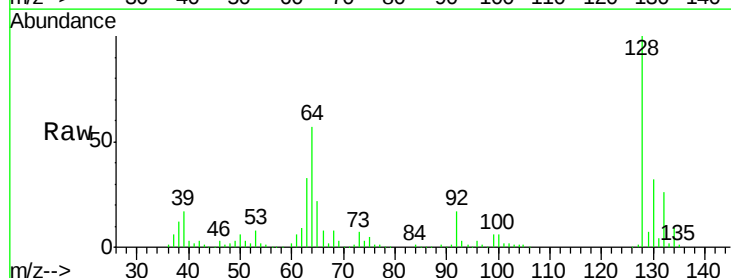
Tgt Ion: 128 Resp: 246725

Ion Ratio Lower Upper

128 100

130 32.1 12.9 52.9

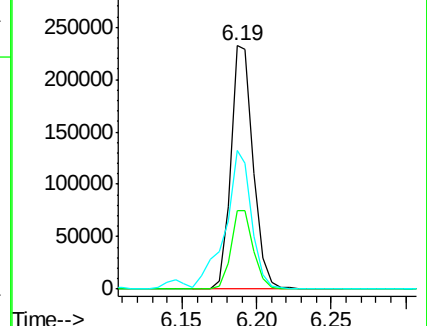
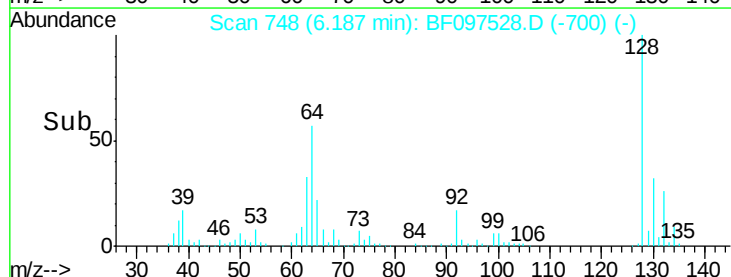
64 56.8 28.4 68.4

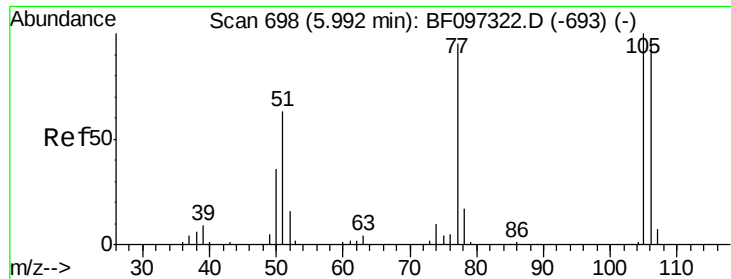


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 21.33 ng

RT: 5.95 min Scan# 707

Delta R.T. -0.01 min

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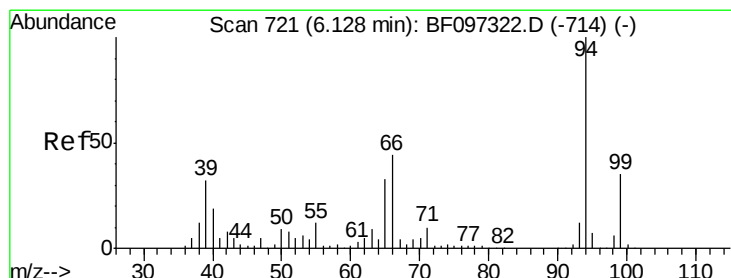
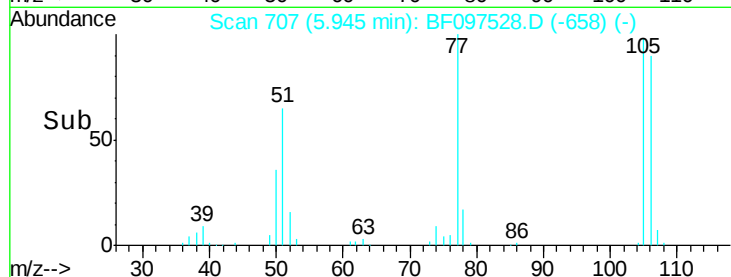
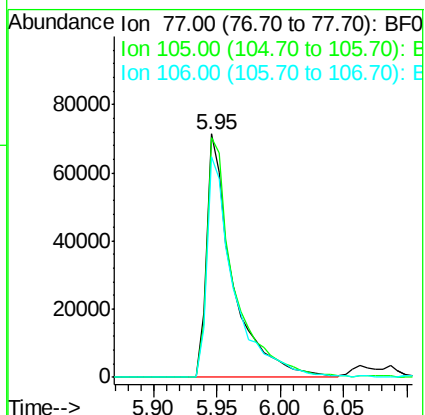
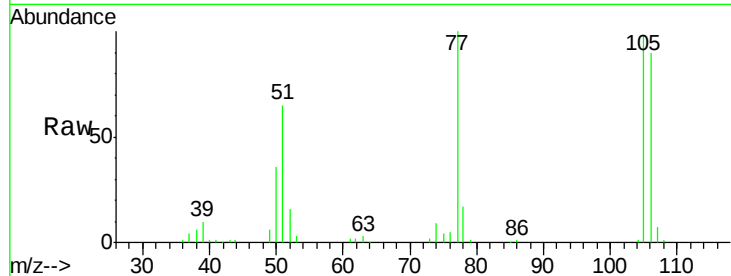
Tot Ion: 77 Resp: 102375

Ion Ratio Lower Upper

77 100

105 98.4 83.8 123.8

106 90.4 79.1 119.1



#10

Phenol

Concen: 34.42 ng

RT: 6.09 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF097528.D

Acq: 9 Aug 2017 21:06

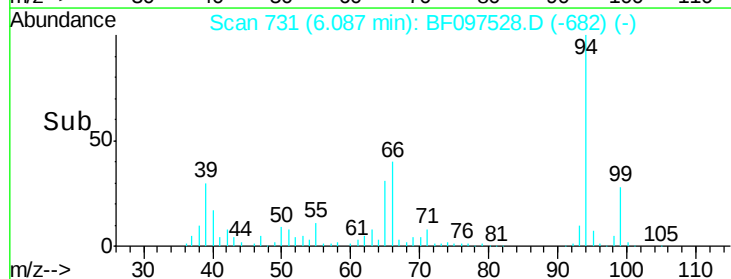
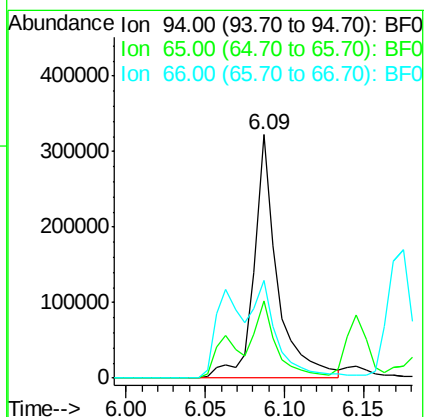
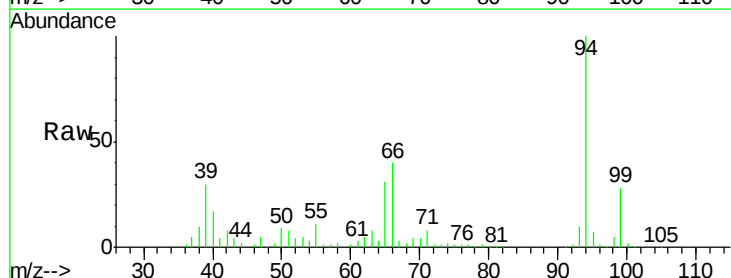
Tgt Ion: 94 Resp: 331106

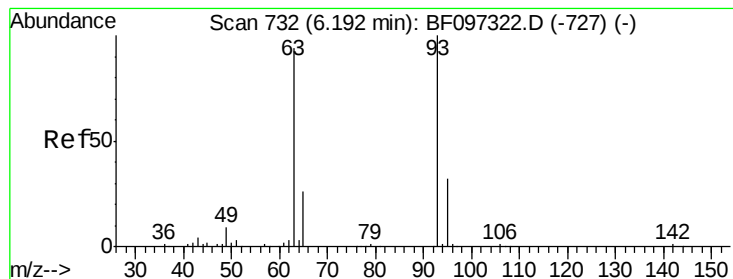
Ion Ratio Lower Upper

94 100

65 31.5 9.9 49.9

66 39.9 23.1 63.1

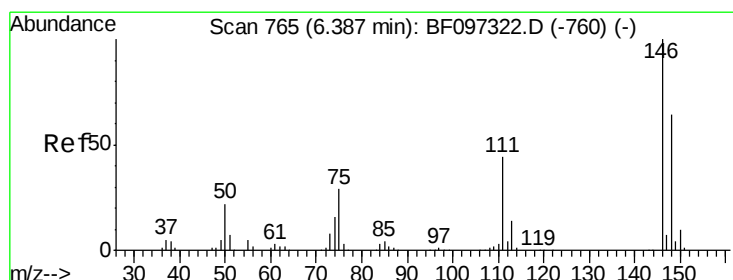
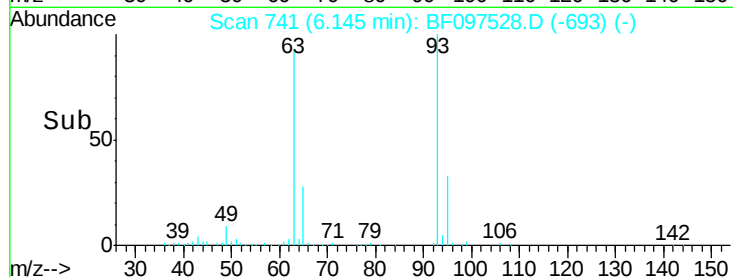
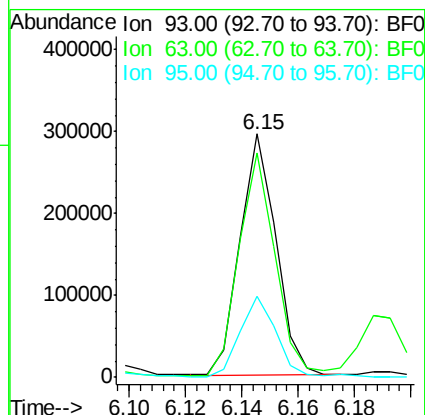
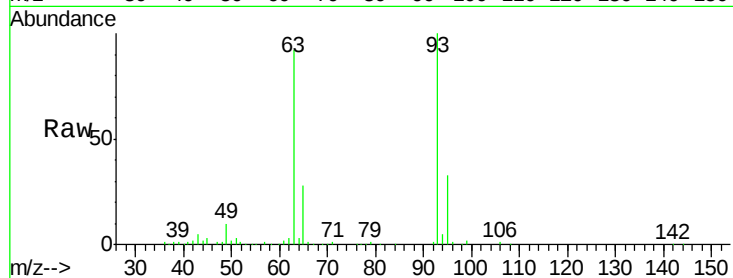




#11
 bis(2-Chloroethyl)ether
 Concen: 34.52 ng
 RT: 6.15 min Scan# 741
 Delta R.T. -0.02 min
 Lab File: BF097528.D
 Acq: 9 Aug 2017 21:06

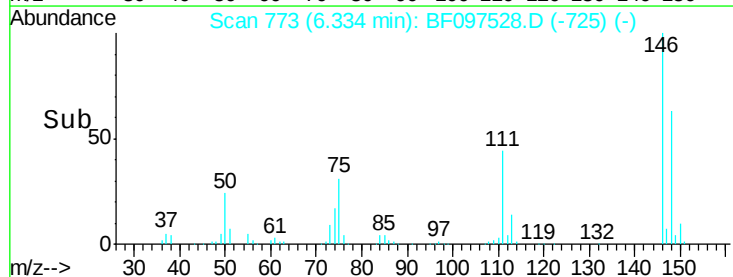
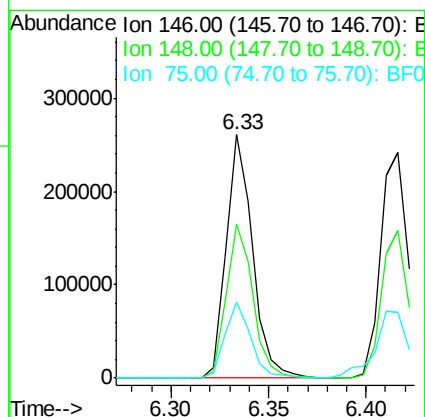
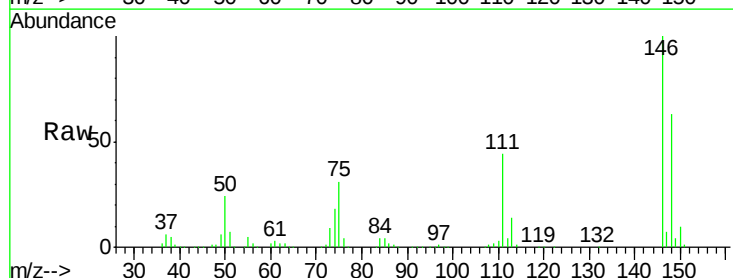
Instrument :
 BNA_F
 ClientSampleId :
 E2-L9-SSWMS

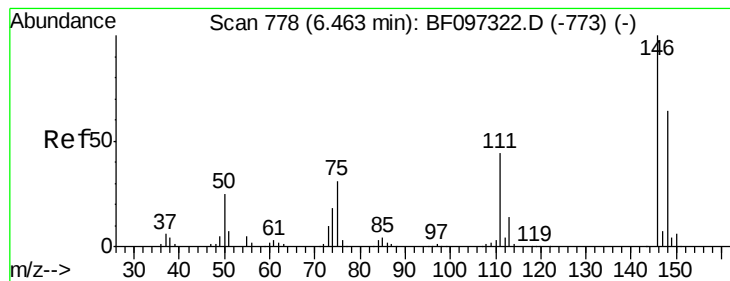
Tot Ion: 93 Resp: 262608
 Ion Ratio Lower Upper
 93 100
 63 92.1 59.2 99.2
 95 33.1 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 29.80 ng
 RT: 6.33 min Scan# 773
 Delta R.T. -0.02 min
 Lab File: BF097528.D
 Acq: 9 Aug 2017 21:06

Tgt Ion: 146 Resp: 243911
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.8 77.6
 75 31.0 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 31.72 ng

RT: 6.42 min Scan# 787

Delta R.T. -0.01 min

Lab File: BF097528.D

Acq: 9 Aug 2017 21:06

Instrument :

BNA_F

ClientSampleId :

E2-L9-SSWMS

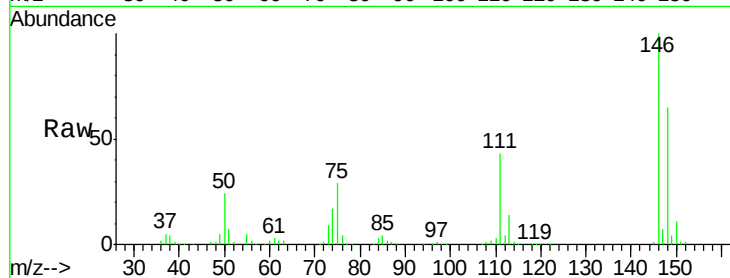
Tot Ion:146 Resp: 257305

Ion Ratio Lower Upper

146 100

148 65.1 52.2 78.2

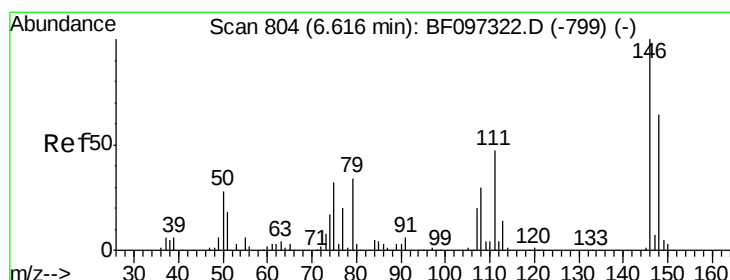
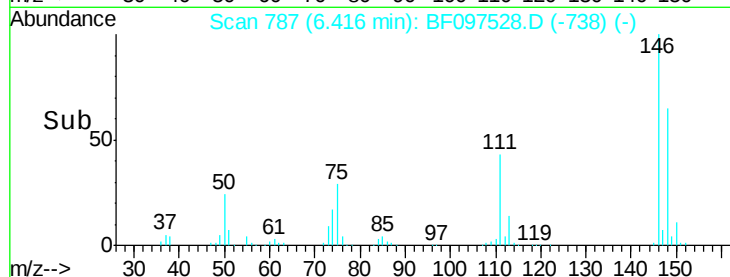
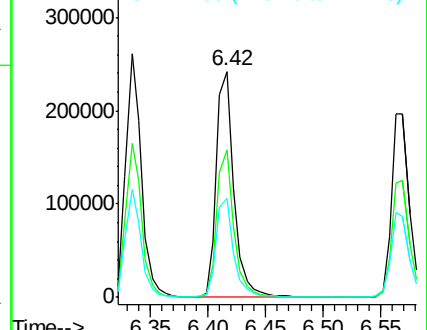
111 43.5 30.3 45.5



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: 30.79 ng

RT: 6.57 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF097528.D

Acq: 9 Aug 2017 21:06

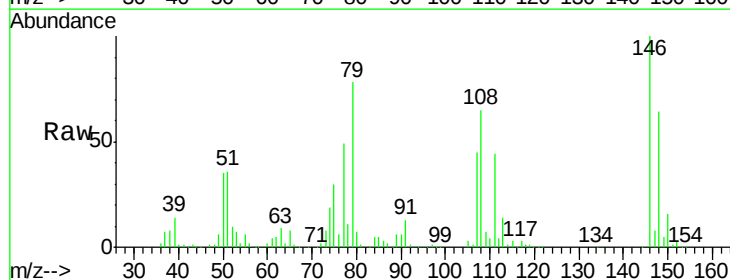
Tgt Ion:146 Resp: 218073

Ion Ratio Lower Upper

146 100

148 63.9 50.4 75.6

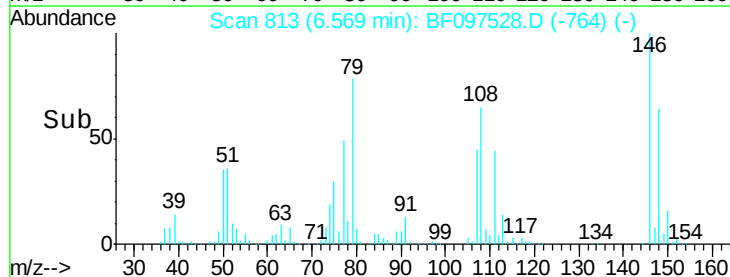
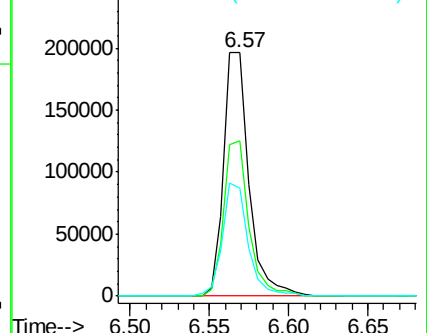
111 44.3 38.2 57.4

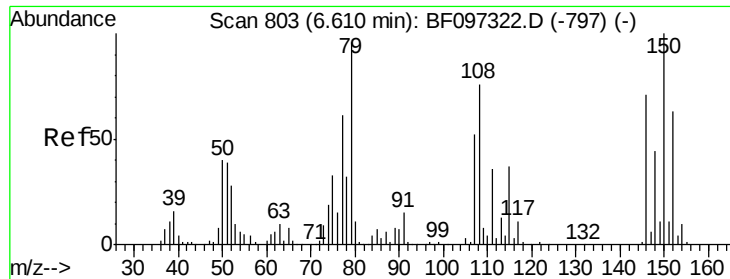


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

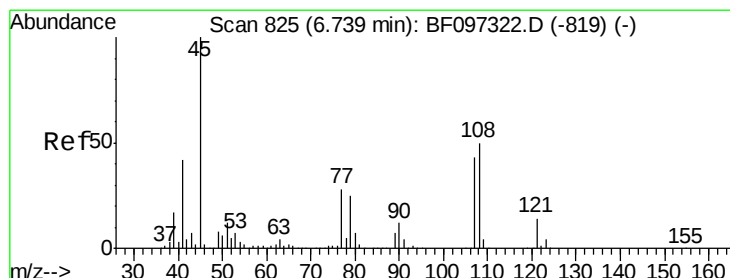
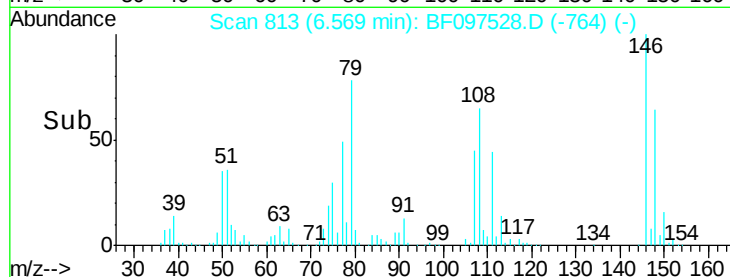
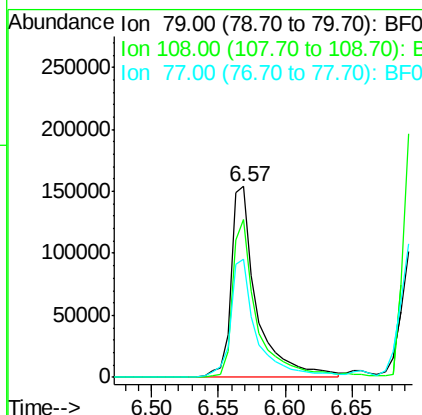
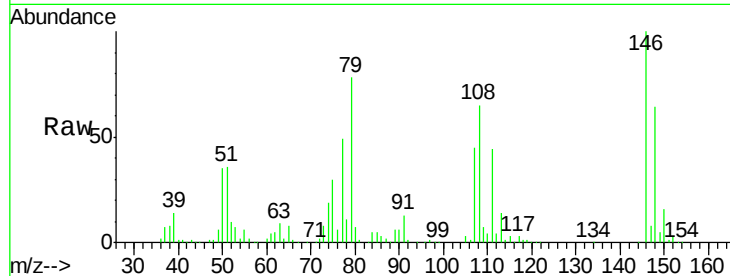




#15
Benzyl Alcohol
Concen: 40.46 ng
RT: 6.57 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF097528.D
Acq: 9 Aug 2017 21:06

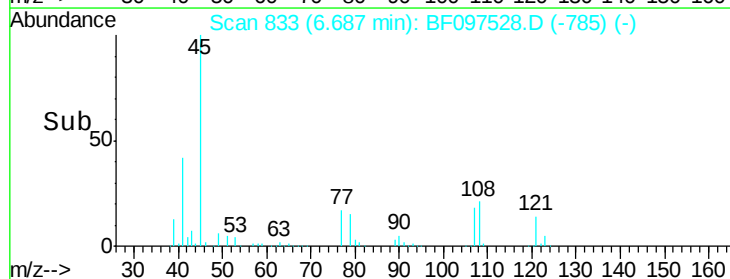
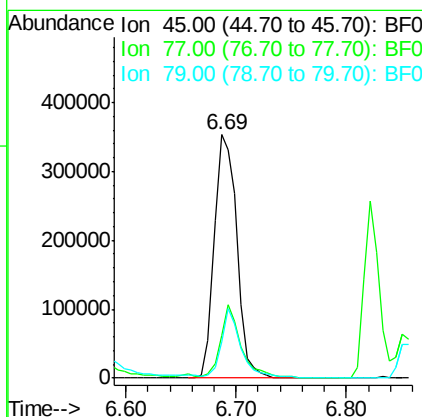
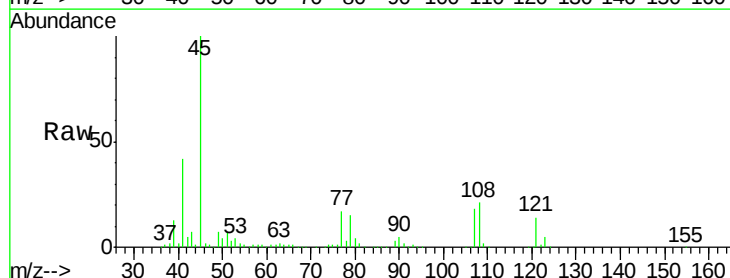
Instrument :
BNA_F
ClientSampleId :
E2-L9-SSWMS

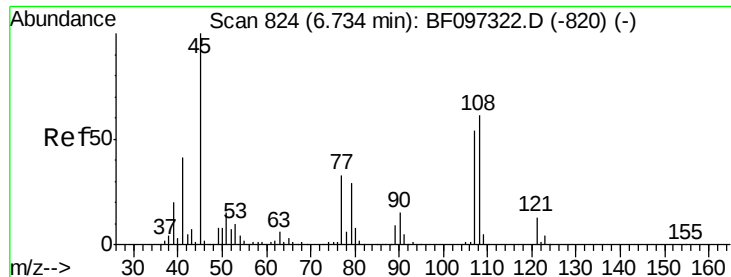
Tot Ion: 79 Resp: 207771
Ion Ratio Lower Upper
79 100
108 82.7 63.4 95.0
77 62.2 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 32.60 ng
RT: 6.69 min Scan# 833
Delta R.T. -0.02 min
Lab File: BF097528.D
Acq: 9 Aug 2017 21:06

Tgt Ion: 45 Resp: 497507
Ion Ratio Lower Upper
45 100
77 17.4 0.0 33.2
79 15.1 0.0 30.0

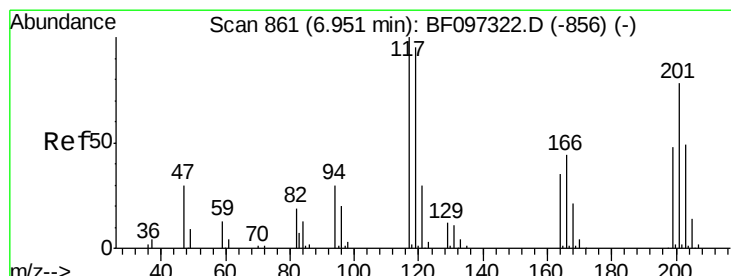
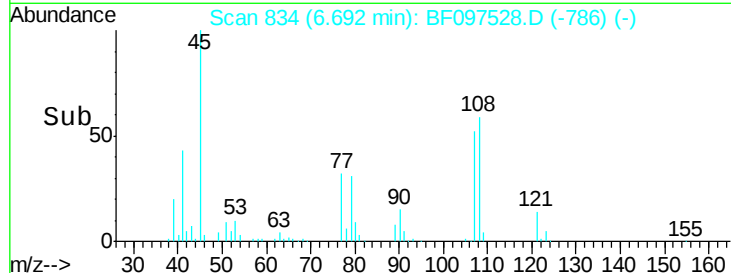
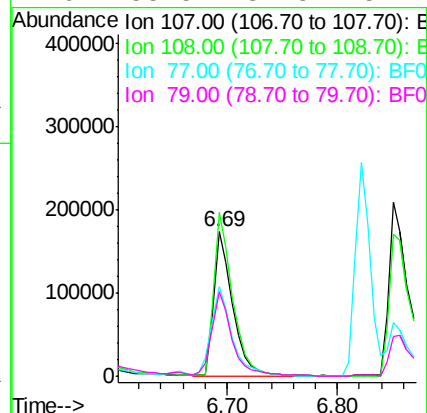
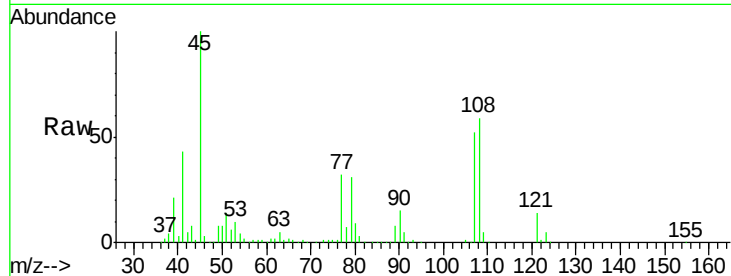




#17
2-Methylphenol
Concen: 34.28 ng
RT: 6.69 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF097528.D
Acq: 9 Aug 2017 21:06

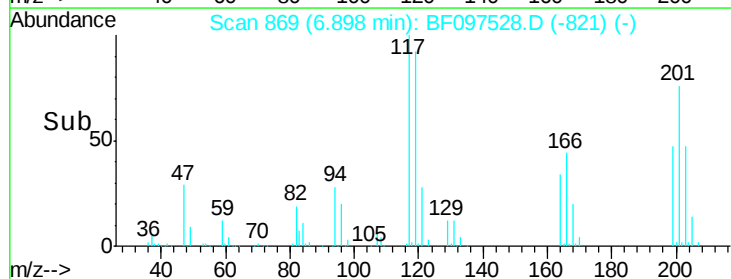
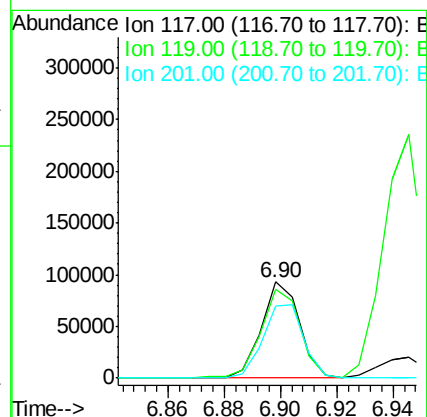
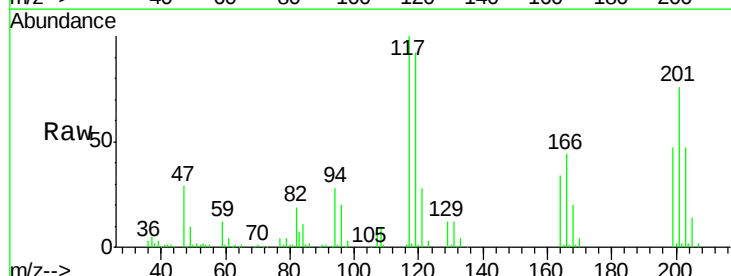
Instrument :
BNA_F
ClientSampleId :
E2-L9-SSWMS

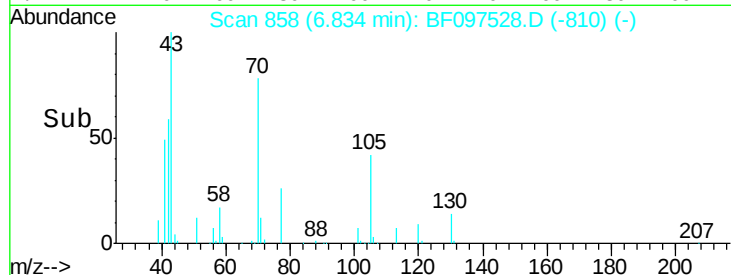
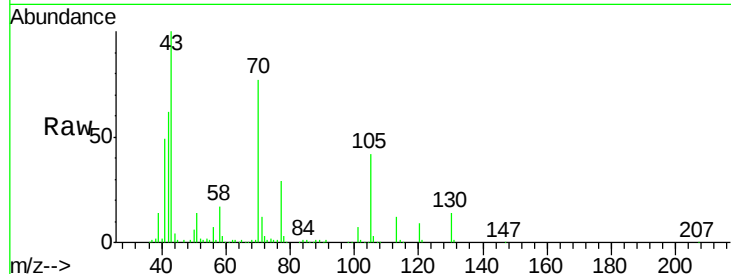
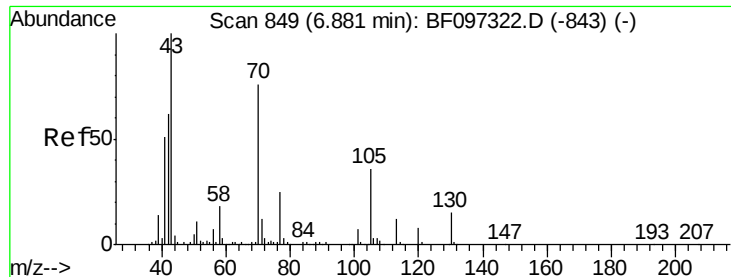
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.1	93.4	140.0
77	61.9	35.8	53.6#
79	58.5	34.8	52.2#



#18
Hexachloroethane
Concen: 29.42 ng
RT: 6.90 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF097528.D
Acq: 9 Aug 2017 21:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.1	77.4	116.0
201	75.6	94.6	141.8#

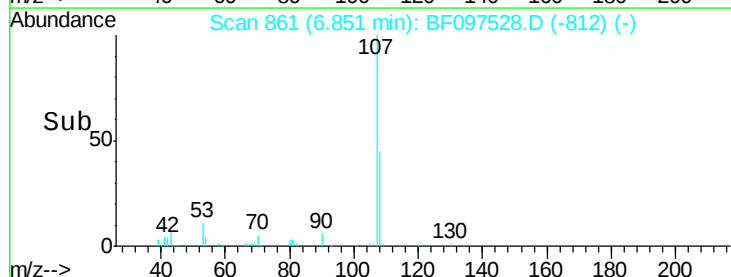
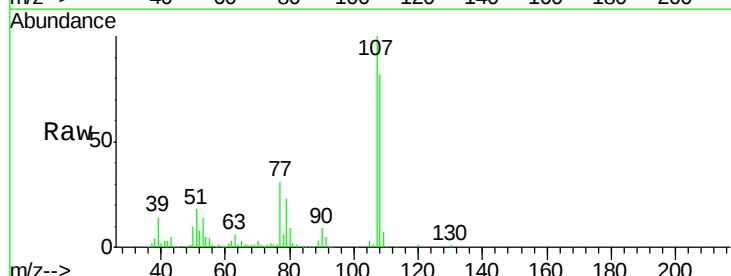
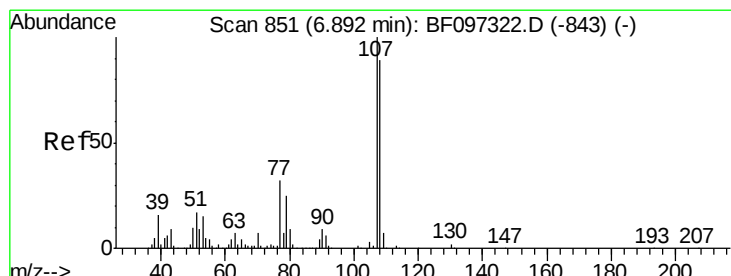
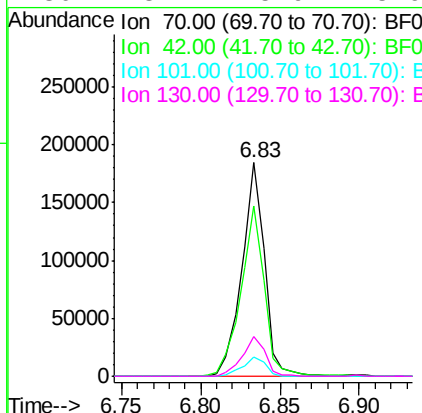




#19
n-Nitroso-di-n-propylamine
Concen: 34.06 ng
RT: 6.83 min Scan# 858
Delta R.T. -0.02 min
Lab File: BF097528.D
Acq: 9 Aug 2017 21:06

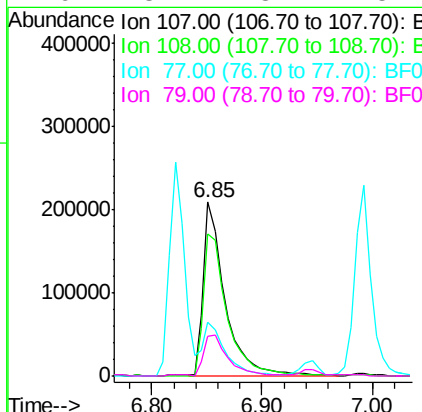
Instrument :
BNA_F
ClientSampleId :
E2-L9-SSWMS

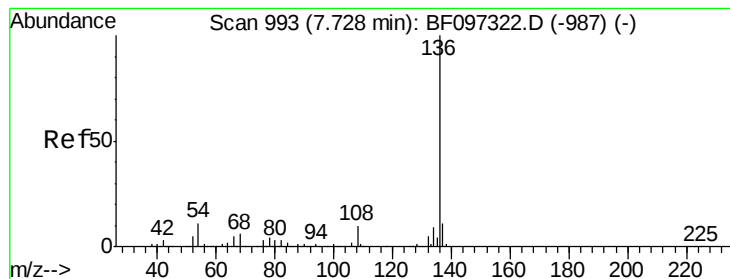
Tot Ion: 70 Resp: 181845
Ion Ratio Lower Upper
70 100
42 79.8 47.2 70.8#
101 9.0 7.2 10.8
130 18.4 15.9 23.9



#20
3+4-Methylphenols
Concen: 35.88 ng
RT: 6.85 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF097528.D
Acq: 9 Aug 2017 21:06

Tgt Ion:107 Resp: 274758
Ion Ratio Lower Upper
107 100
108 81.5 71.0 111.0
77 30.7 90.5 130.5#
79 23.2 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.68 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF097528.D

Acq: 9 Aug 2017 21:06

Instrument :

BNA_F

ClientSampleId :

E2-L9-SSWMS

Tot Ion:136 Resp: 430531

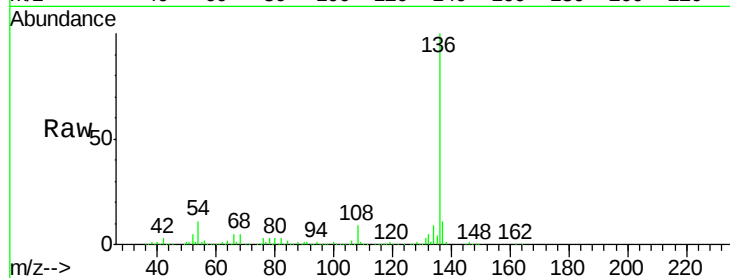
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 11.0 4.9 7.3#

68 5.4 4.1 6.1

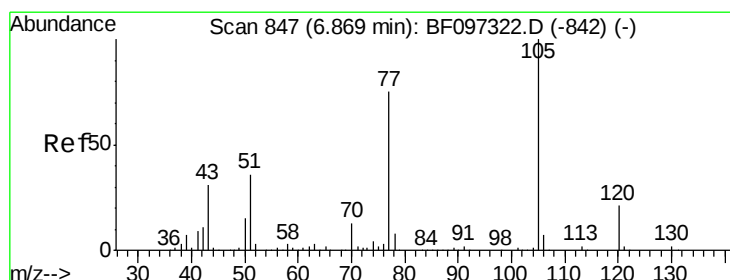
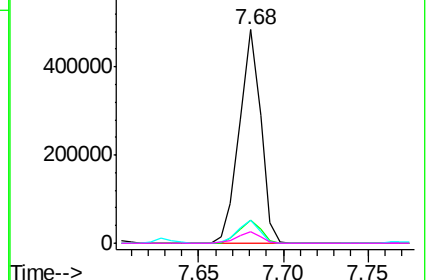
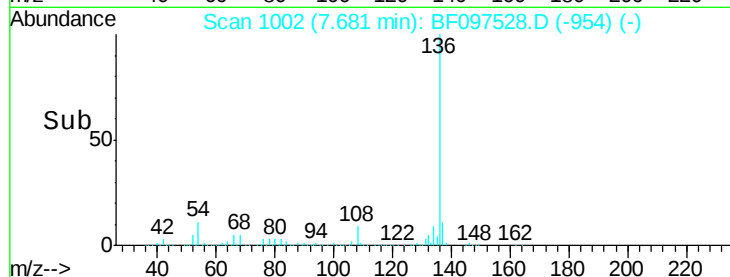


Abundance Ion 136.00 (135.70 to 136.70): E

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: 32.56 ng

RT: 6.82 min Scan# 856

Delta R.T. -0.02 min

Lab File: BF097528.D

Acq: 9 Aug 2017 21:06

Tgt Ion:105 Resp: 336679

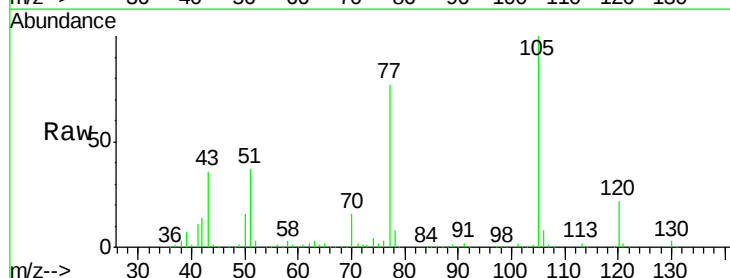
Ion Ratio Lower Upper

105 100

71 2.4 2.8 4.2#

51 36.9 30.7 46.1

120 22.3 17.4 26.0

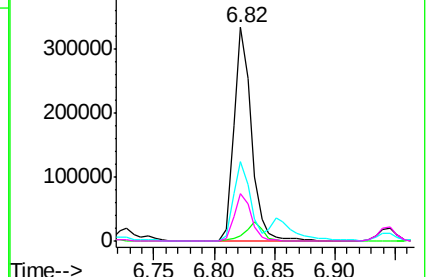
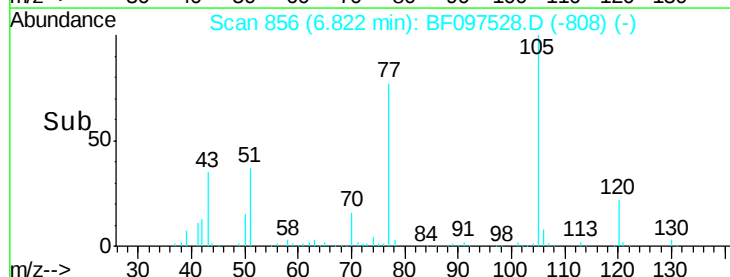


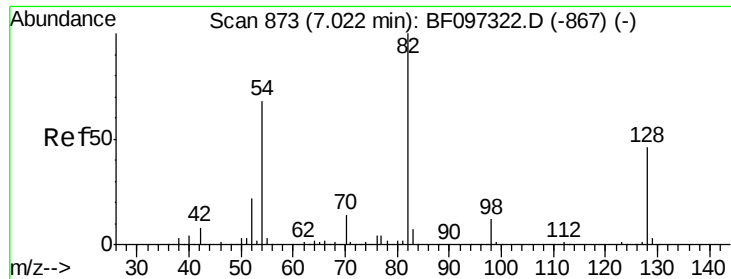
Abundance Ion 105.00 (104.70 to 105.70): E

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

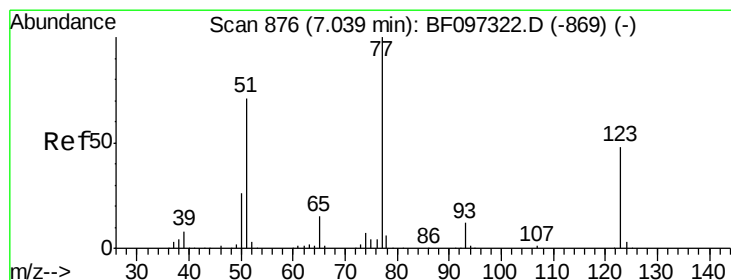
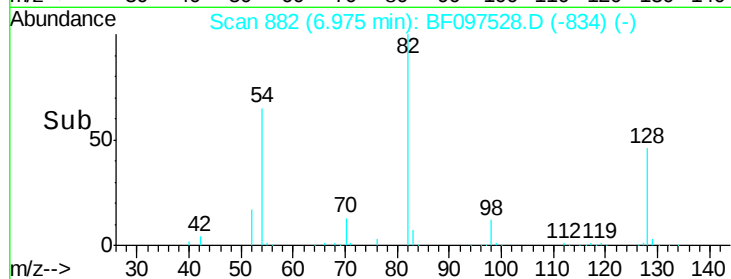
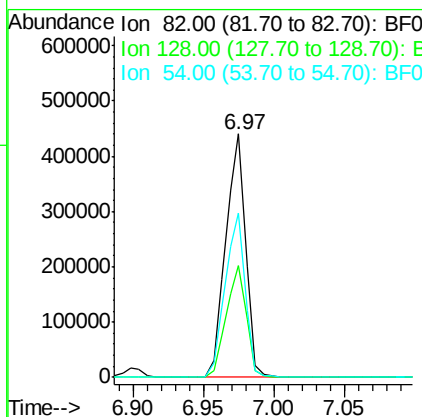
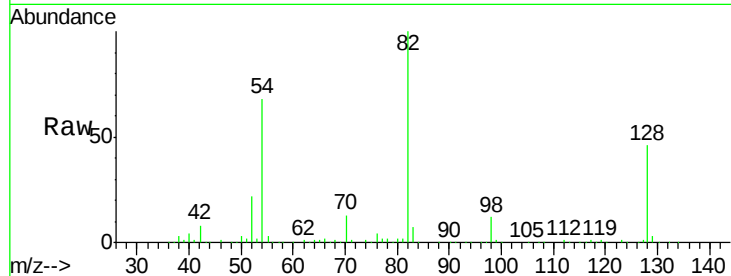




#23
 Nitrobenzene-d5
 Concen: 58.80 ng
 RT: 6.97 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BF097528.D
 Acq: 9 Aug 2017 21:06

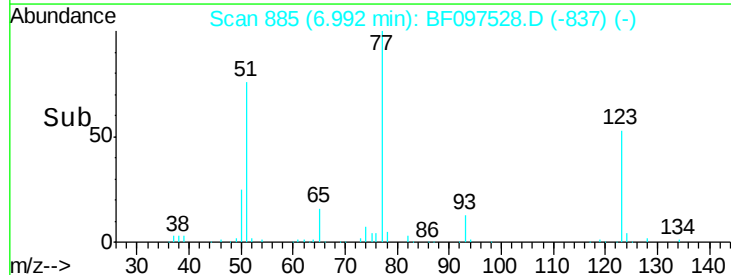
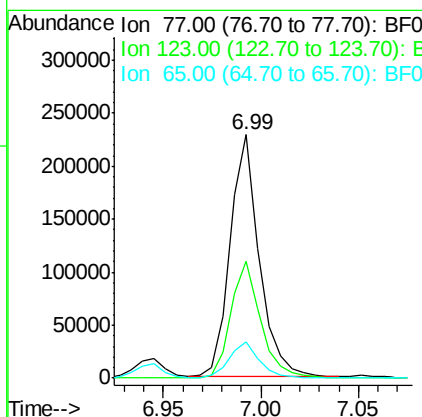
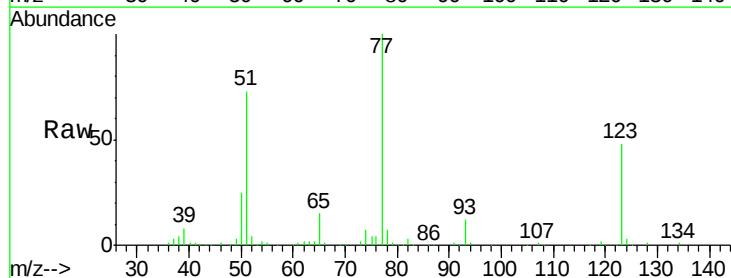
Instrument :
 BNA_F
 ClientSampleId :
 E2-L9-SSWMS

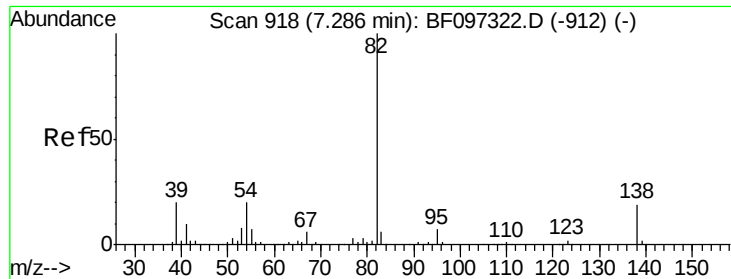
Tot Ion: 82 Resp: 431538
 Ion Ratio Lower Upper
 82 100
 128 46.1 34.0 51.0
 54 67.5 42.2 63.2#



#24
 Nitrobenzene
 Concen: 30.87 ng
 RT: 6.99 min Scan# 885
 Delta R.T. -0.02 min
 Lab File: BF097528.D
 Acq: 9 Aug 2017 21:06

Tgt Ion: 77 Resp: 235964
 Ion Ratio Lower Upper
 77 100
 123 48.3 35.8 53.8
 65 14.8 10.6 15.8





#25

Isophorone

Concen: 30.47 ng

RT: 7.23 min Scan# 926

Delta R.T. -0.02 min

Lab File: BF097528.D

Acq: 9 Aug 2017 21:06

Instrument :

BNA_F

ClientSampleId :

E2-L9-SSWMS

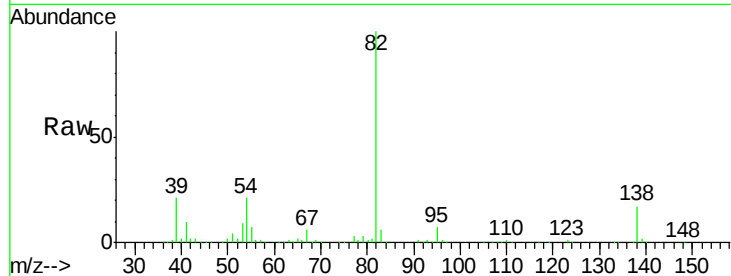
Tot Ion: 82 Resp: 437857

Ion Ratio Lower Upper

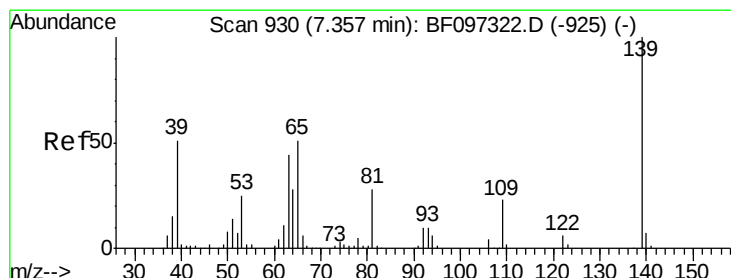
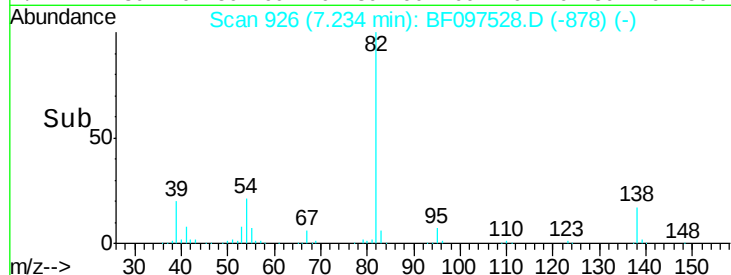
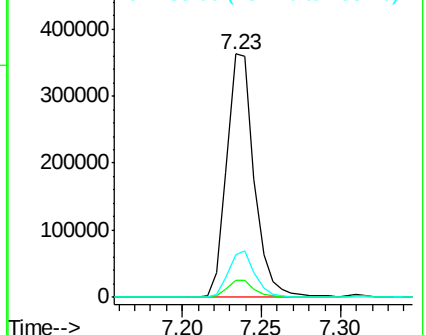
82 100

95 7.0 5.3 7.9

138 17.4 13.1 19.7



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



#26

2-Nitrophenol

Concen: 31.03 ng

RT: 7.31 min Scan# 939

Delta R.T. -0.02 min

Lab File: BF097528.D

Acq: 9 Aug 2017 21:06

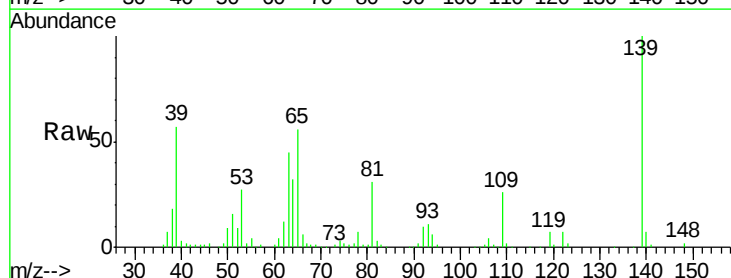
Tgt Ion: 139 Resp: 128299

Ion Ratio Lower Upper

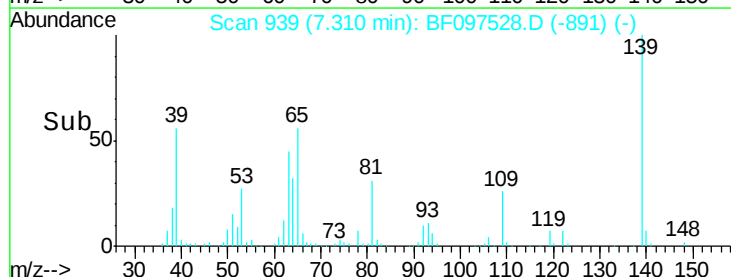
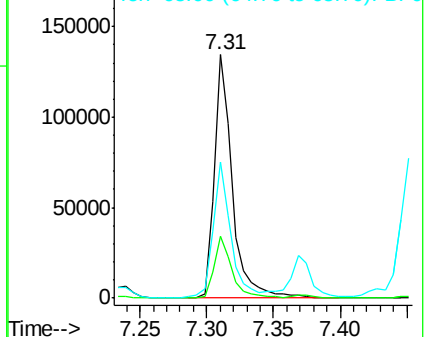
139 100

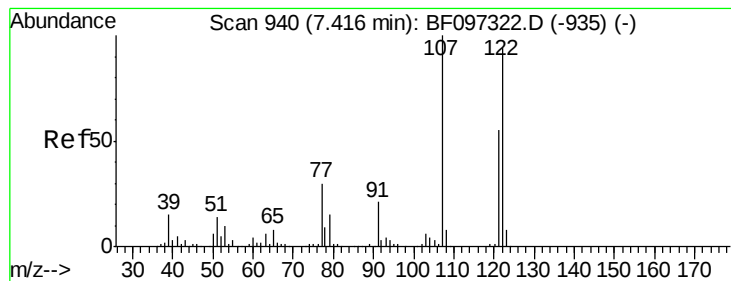
109 25.6 21.0 31.6

65 55.9 33.0 49.6#



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





#27

2,4-Dimethylphenol

Concen: 31.00 ng

RT: 7.37 min Scan# 949

Delta R.T. -0.02 min

Lab File: BF097528.D

Acq: 9 Aug 2017 21:06

Instrument :

BNA_F

ClientSampleId :

E2-L9-SSWMS

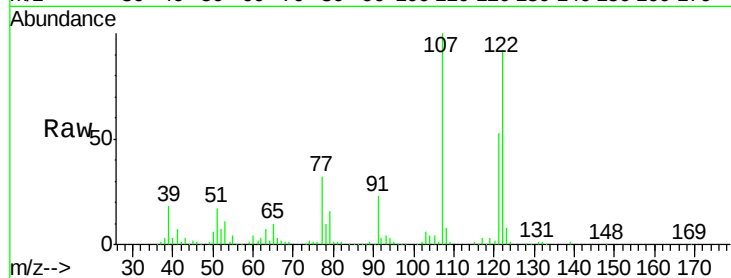
Tot Ion:122 Resp: 211465

Ion Ratio Lower Upper

122 100

107 108.5 89.2 133.8

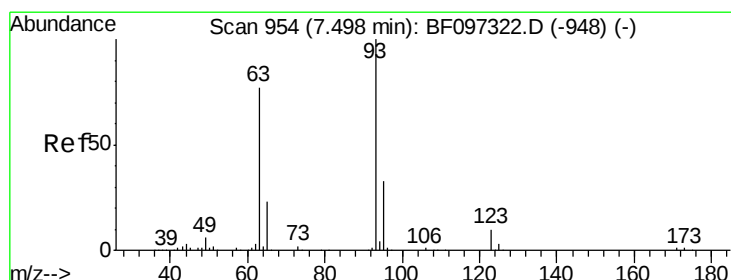
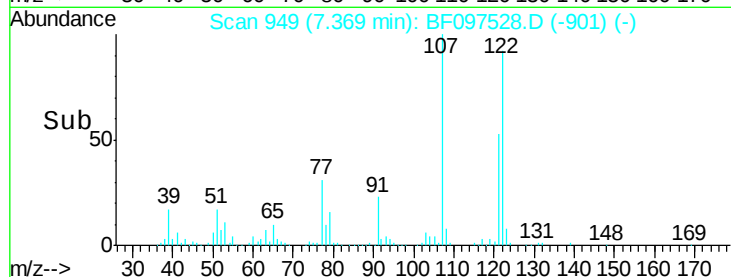
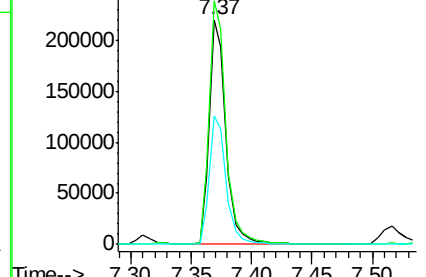
121 57.4 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 32.12 ng

RT: 7.45 min Scan# 963

Delta R.T. -0.02 min

Lab File: BF097528.D

Acq: 9 Aug 2017 21:06

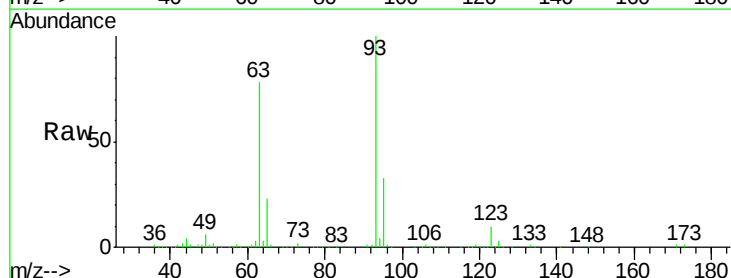
Tgt Ion: 93 Resp: 301232

Ion Ratio Lower Upper

93 100

95 33.0 26.5 39.7

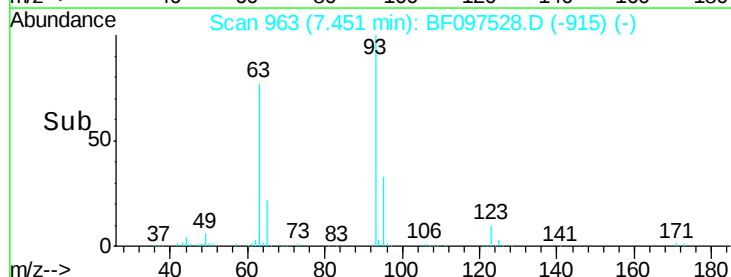
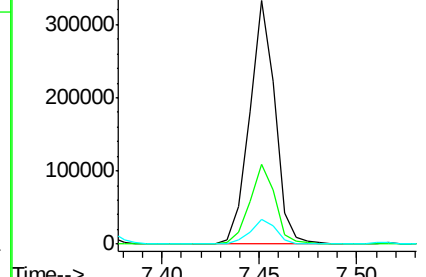
123 10.1 9.0 13.4

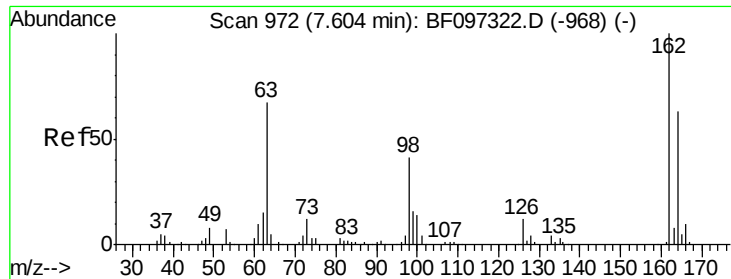


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

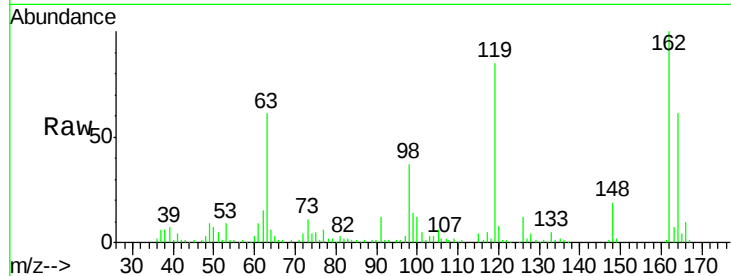




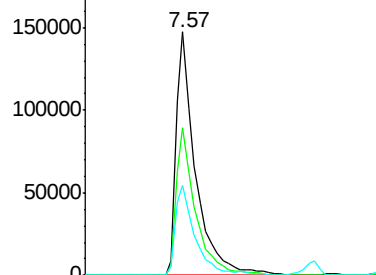
#29
 2,4-Dichlorophenol
 Concen: 34.50 ng
 RT: 7.57 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BF097528.D
 Acq: 9 Aug 2017 21:06

Instrument :
 BNA_F
 ClientSampleId :
 E2-L9-SSWMS

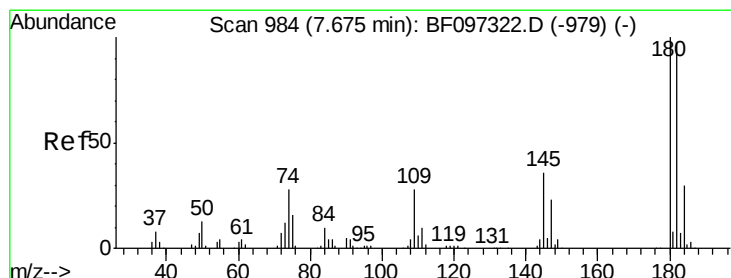
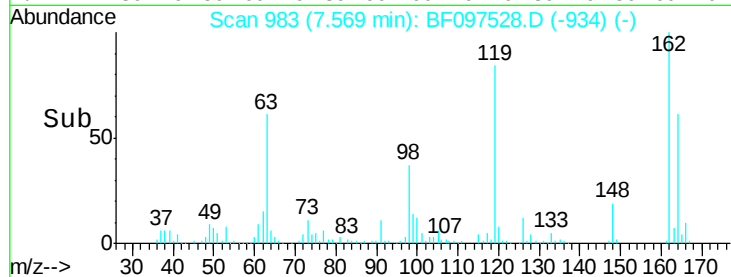
Tot Ion	Ratio	Lower	Upper
162	100		
164	60.8	44.6	84.6
98	37.2	14.8	54.8



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

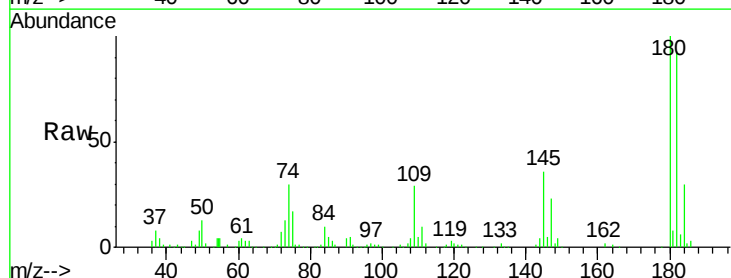


Time-->

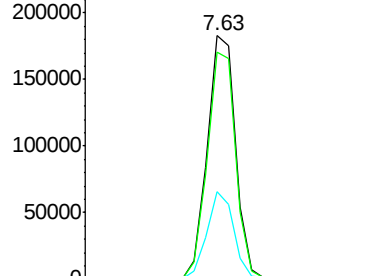


#30
 1,2,4-Trichlorobenzene
 Concen: 32.82 ng
 RT: 7.63 min Scan# 993
 Delta R.T. -0.02 min
 Lab File: BF097528.D
 Acq: 9 Aug 2017 21:06

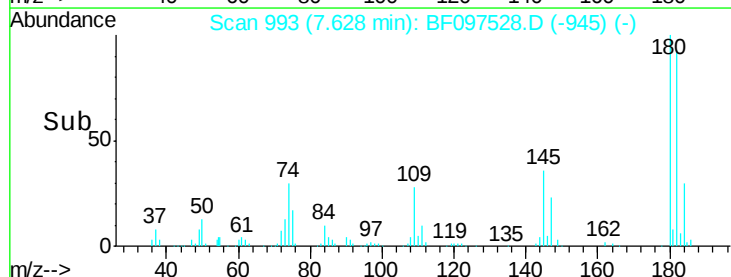
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	75.8	113.6
145	36.2	25.3	37.9

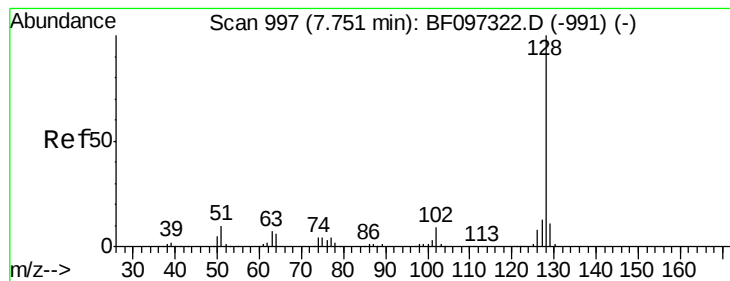


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E



Time-->





#31

Naphthalene

Concen: 32.02 ng

RT: 7.70 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF097528.D

Acq: 9 Aug 2017 21:06

Instrument :

BNA_F

ClientSampleId :

E2-L9-SSWMS

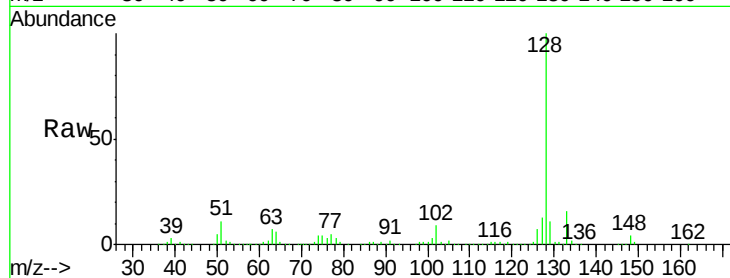
Tot Ion:128 Resp: 649830

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

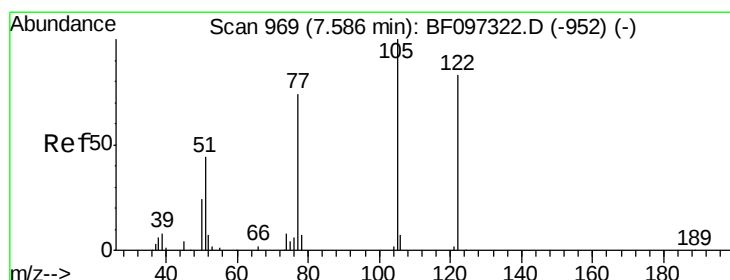
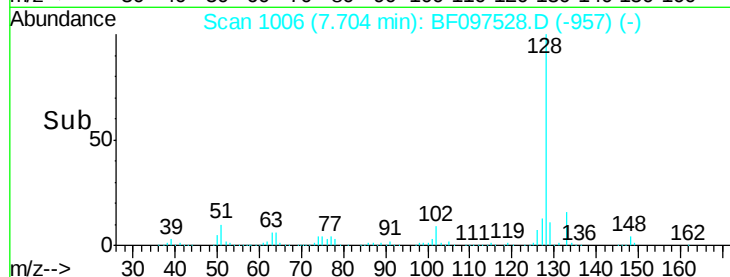
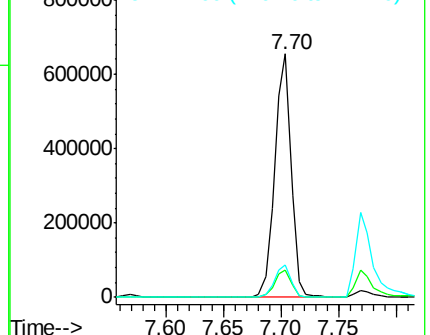
127 13.4 10.8 16.2



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: 5.93 ng

RT: 7.52 min Scan# 974

Delta R.T. -0.05 min

Lab File: BF097528.D

Acq: 9 Aug 2017 21:06

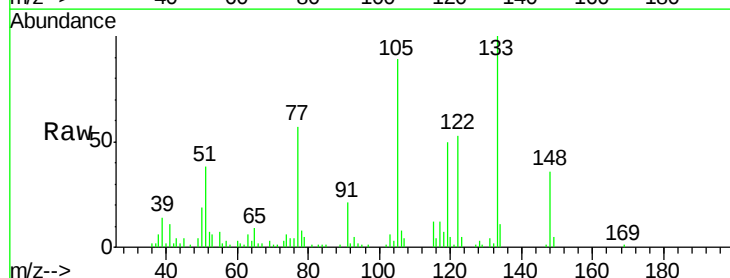
Tgt Ion:122 Resp: 30200

Ion Ratio Lower Upper

122 100

105 168.6 103.3 143.3#

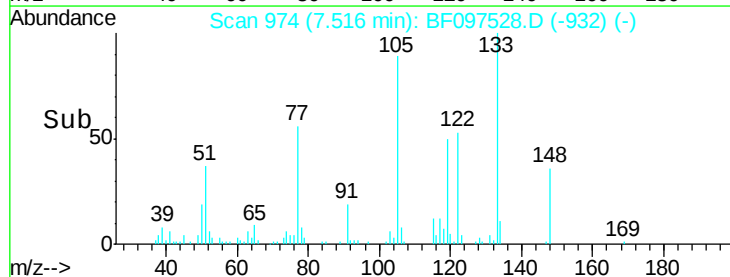
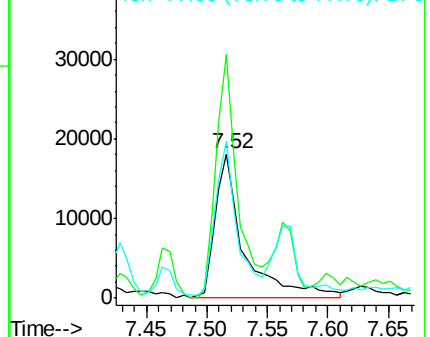
77 108.2 73.7 113.7

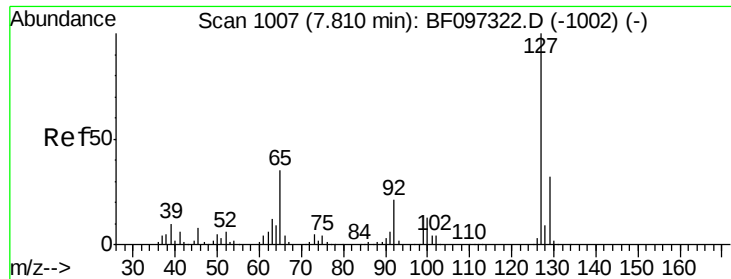


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

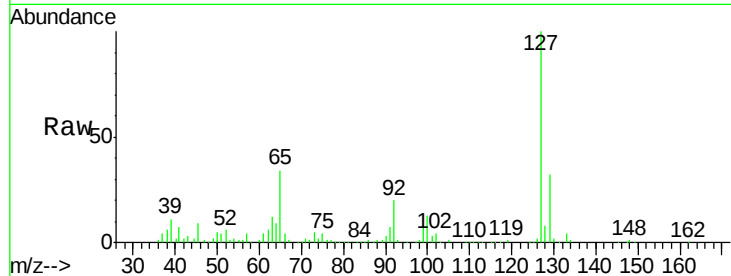




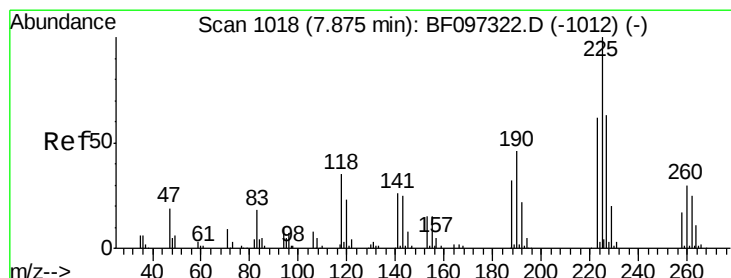
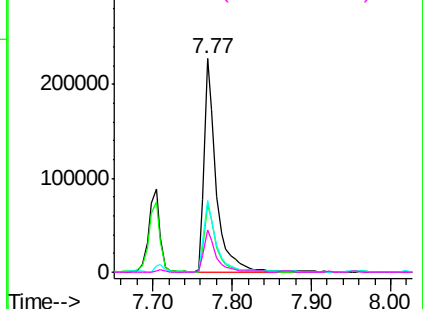
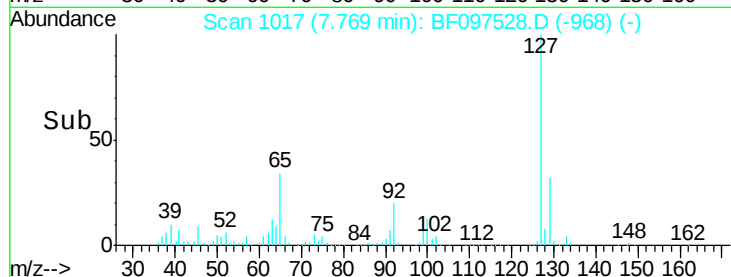
#33
4-Chloroaniline
Concen: 29.76 ng
RT: 7.77 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF097528.D
Acq: 9 Aug 2017 21:06

Instrument :
BNA_F
ClientSampleId :
E2-L9-SSWMS

Tot Ion:	127	Resp:	245715
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.2	39.2
65	33.7	27.8	41.8
92	19.9	16.8	25.2

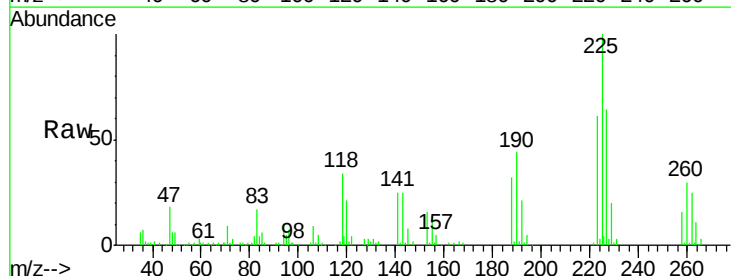


Abundance Ion 127.00 (126.70 to 127.70): E

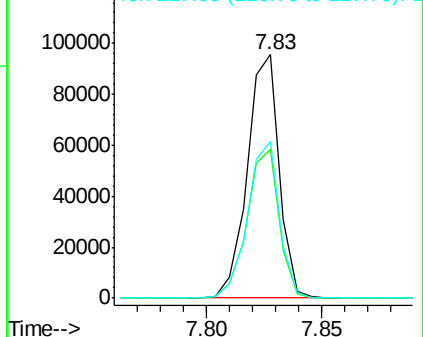
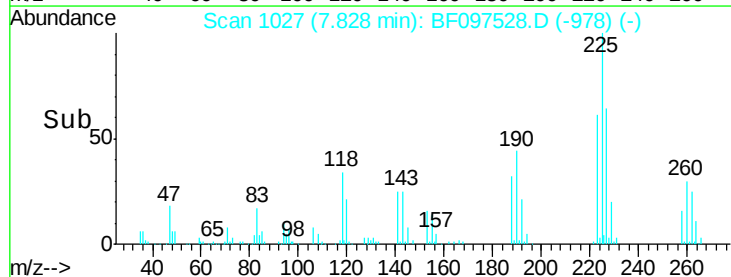


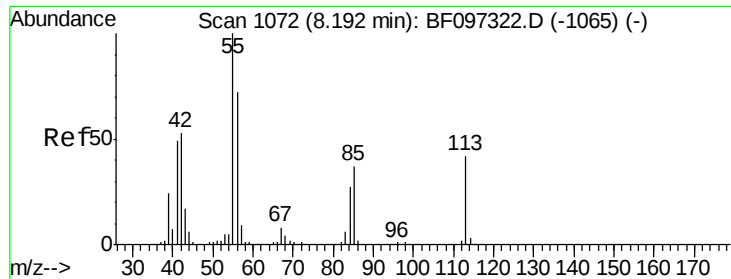
#34
Hexachlorobutadiene
Concen: 31.07 ng
RT: 7.83 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF097528.D
Acq: 9 Aug 2017 21:06

Tgt Ion:	225	Resp:	92272
Ion	Ratio	Lower	Upper
225	100		
223	61.3	48.8	73.2
227	64.4	51.1	76.7



Abundance Ion 225.00 (224.70 to 225.70): E

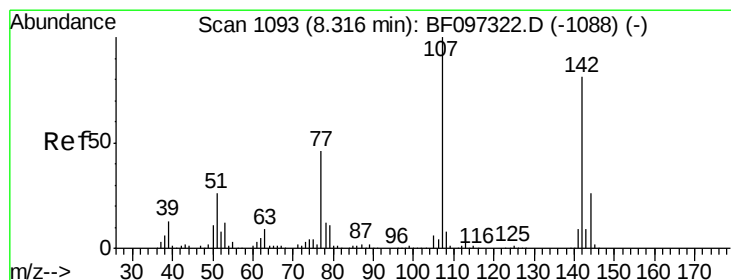
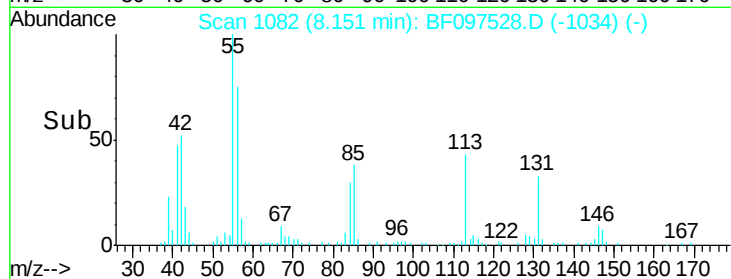
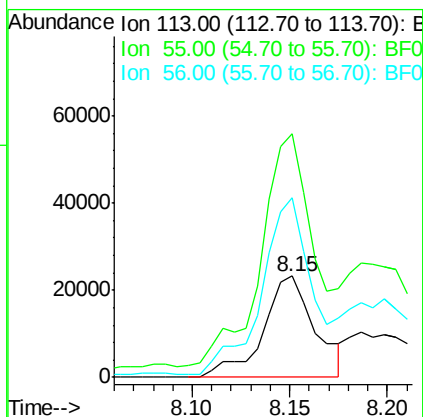
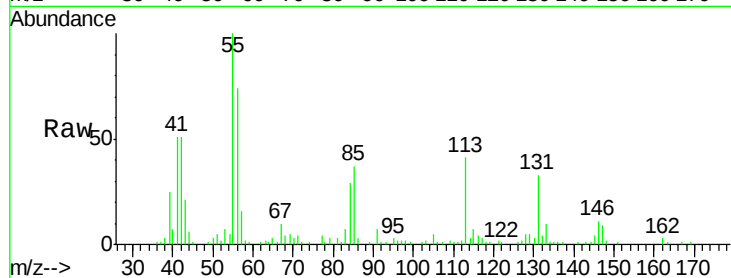




#35
 Caprolactam
 Concen: 22.67 ng
 RT: 8.15 min Scan# 1082
 Delta R.T. -0.02 min
 Lab File: BF097528.D
 Acq: 9 Aug 2017 21:06

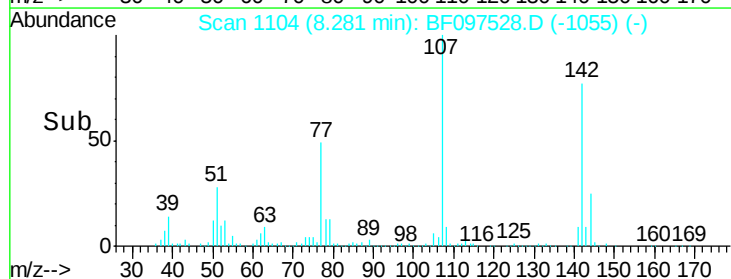
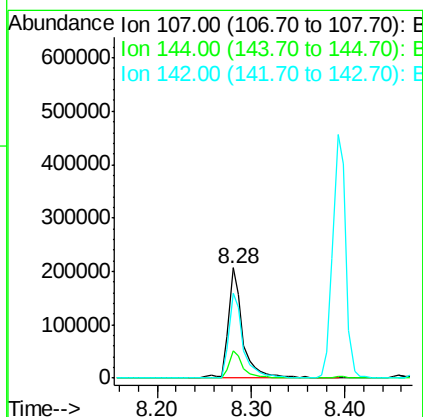
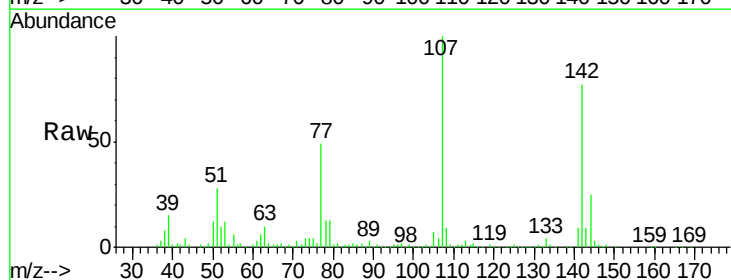
Instrument :
 BNA_F
 ClientSampleId :
 E2-L9-SSWMS

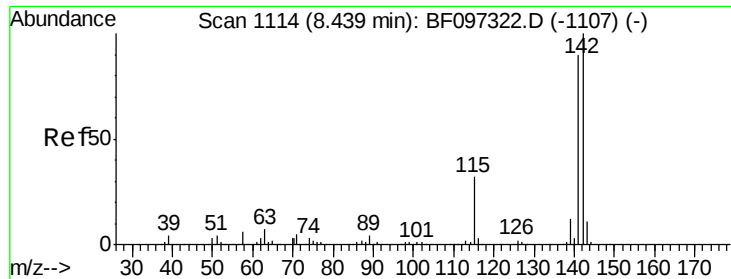
Tot Ion:113 Resp: 42713
 Ion Ratio Lower Upper
 113 100
 55 241.0 150.2 190.2#
 56 177.2 107.8 147.8#



#36
 4-Chloro-3-methylphenol
 Concen: 33.79 ng
 RT: 8.28 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BF097528.D
 Acq: 9 Aug 2017 21:06

Tgt Ion:107 Resp: 216652
 Ion Ratio Lower Upper
 107 100
 144 24.8 24.2 36.4
 142 77.3 73.4 110.0

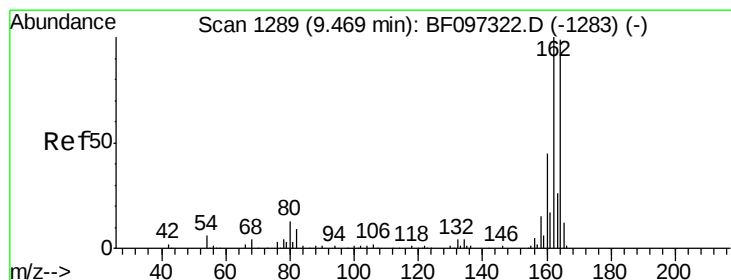
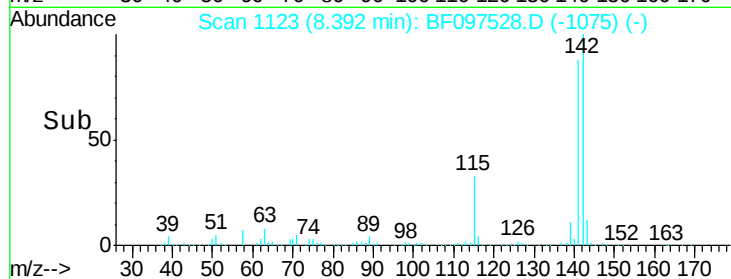
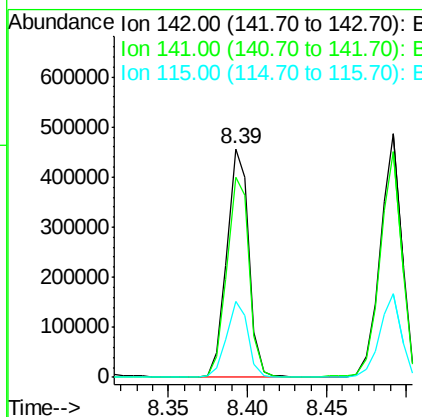
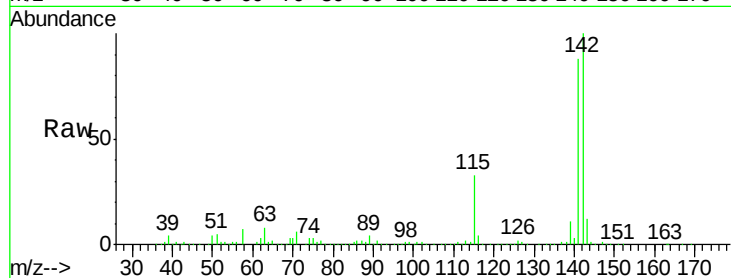




#37
2-Methylnaphthalene
Concen: 34.18 ng
RT: 8.39 min Scan# 1123
Delta R.T. -0.02 min
Lab File: BF097528.D
Acq: 9 Aug 2017 21:06

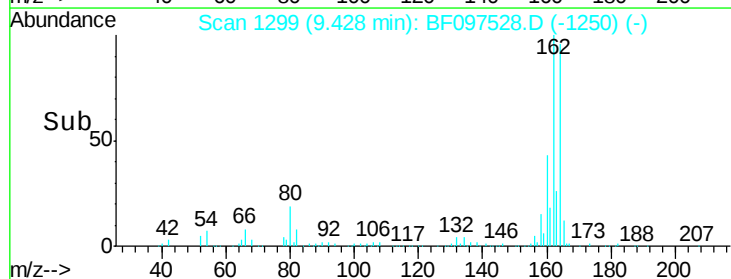
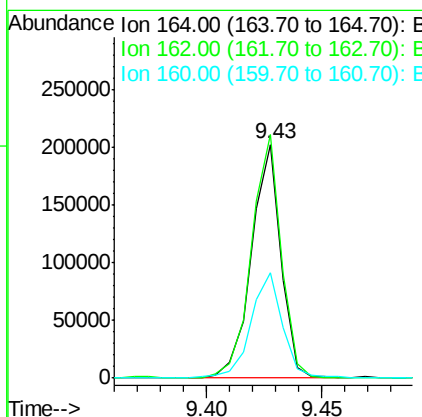
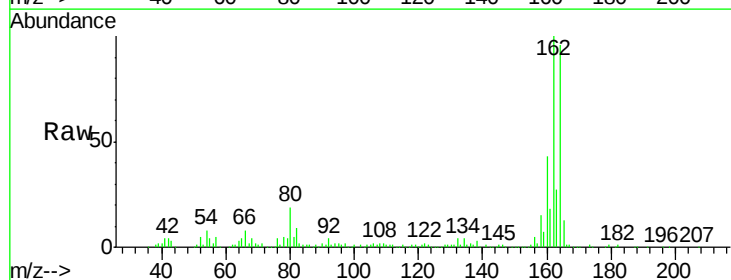
Instrument :
BNA_F
ClientSampleId :
E2-L9-SSWMS

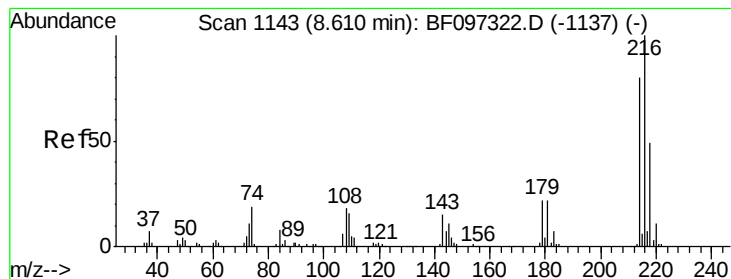
Tot Ion:142 Resp: 439166
Ion Ratio Lower Upper
142 100
141 87.7 71.3 106.9
115 33.1 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.43 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF097528.D
Acq: 9 Aug 2017 21:06

Tgt Ion:164 Resp: 179915
Ion Ratio Lower Upper
164 100
162 104.3 82.6 123.8
160 45.2 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.75 ng

RT: 8.56 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BF097528.D

Acq: 9 Aug 2017 21:06

Instrument :

BNA_F

ClientSampleId :

E2-L9-SSWMS

Tot Ion:216 Resp: 162043

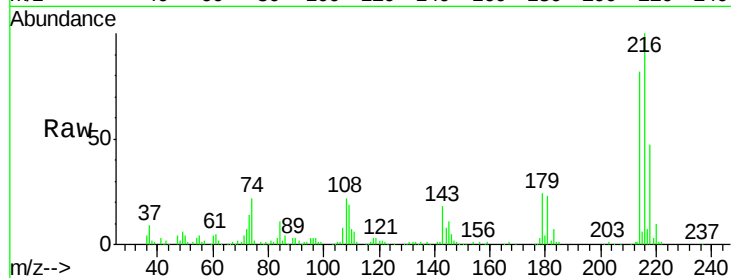
Ion Ratio Lower Upper

216 100

214 79.8 63.4 95.2

179 22.9 17.9 26.9

108 22.2 16.5 24.7

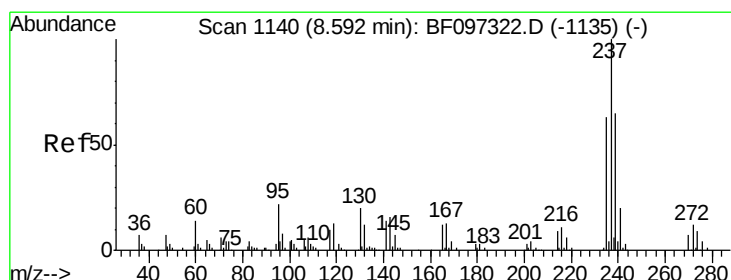
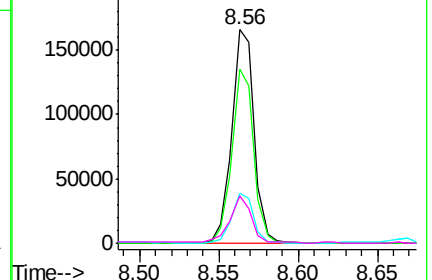
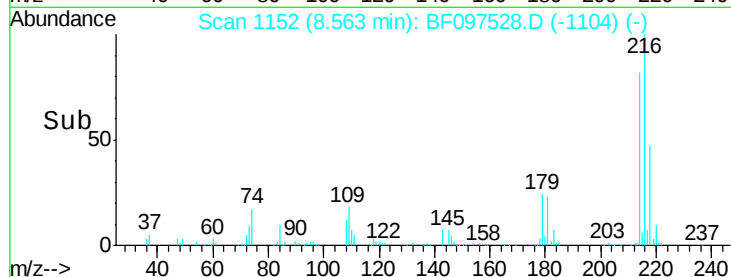


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 29.45 ng

RT: 8.55 min Scan# 1149

Delta R.T. -0.02 min

Lab File: BF097528.D

Acq: 9 Aug 2017 21:06

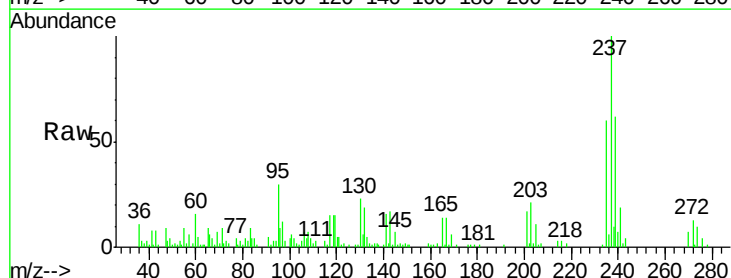
Tgt Ion:237 Resp: 41822

Ion Ratio Lower Upper

237 100

235 59.7 42.6 82.6

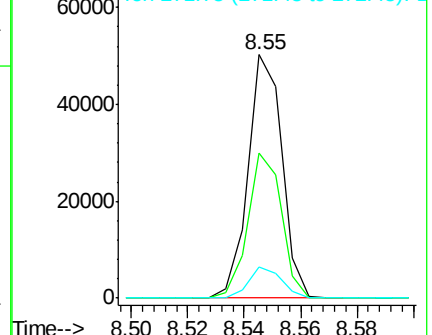
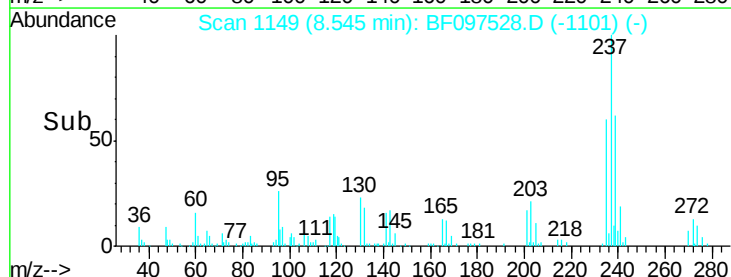
272 12.6 0.0 31.9

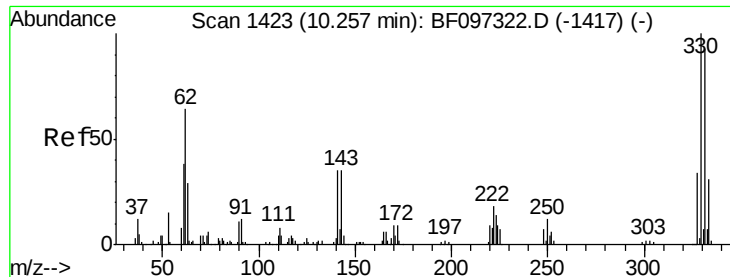


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

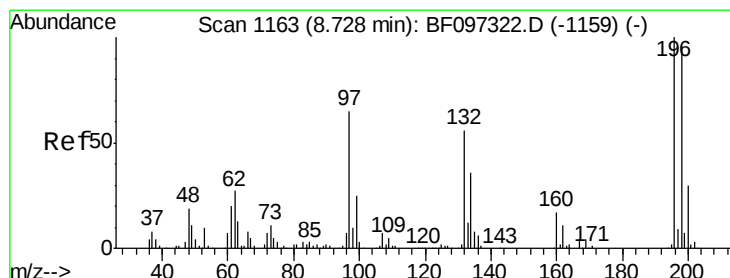
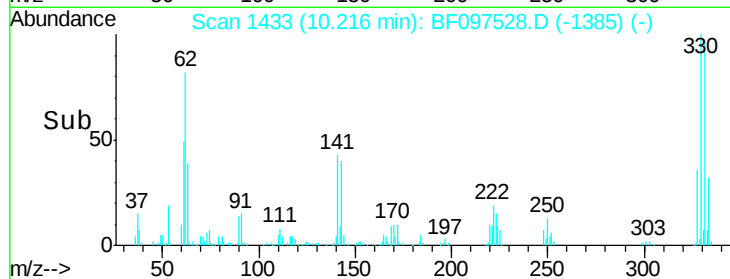
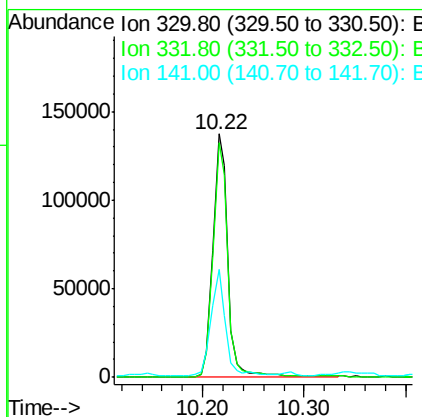
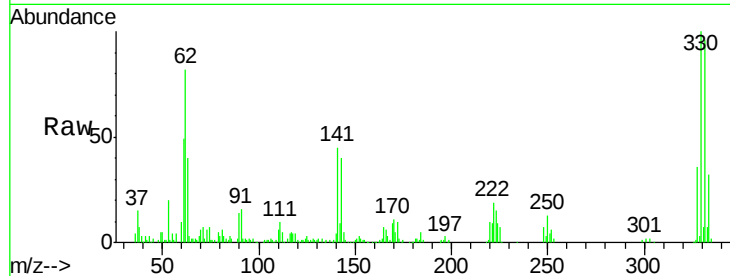




#41
 2,4,6-Tribromophenol
 Concen: 100.50 ng
 RT: 10.22 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF097528.D
 Acq: 9 Aug 2017 21:06

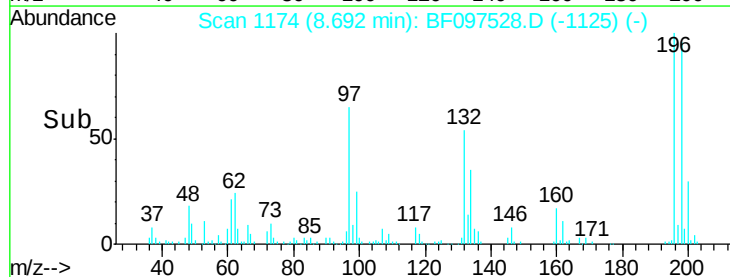
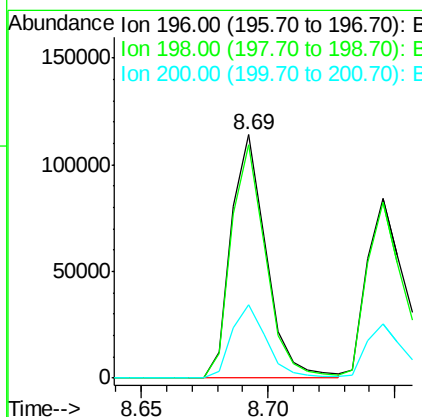
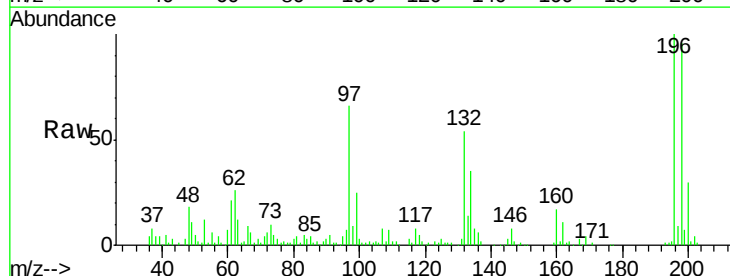
Instrument :
 BNA_F
 ClientSampleId :
 E2-L9-SSWMS

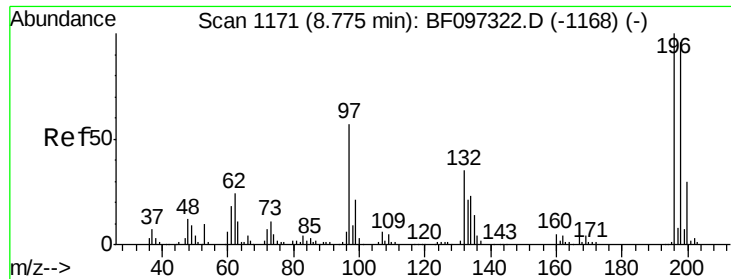
Tot Ion:330 Resp: 142868
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.6 115.0
 141 42.6 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 31.51 ng
 RT: 8.69 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BF097528.D
 Acq: 9 Aug 2017 21:06

Tgt Ion:196 Resp: 109603
 Ion Ratio Lower Upper
 196 100
 198 95.7 74.2 111.4
 200 30.2 24.0 36.0

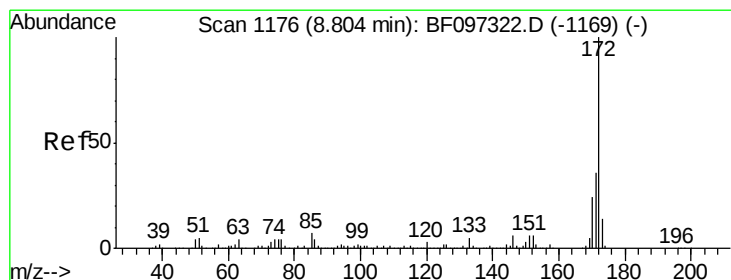
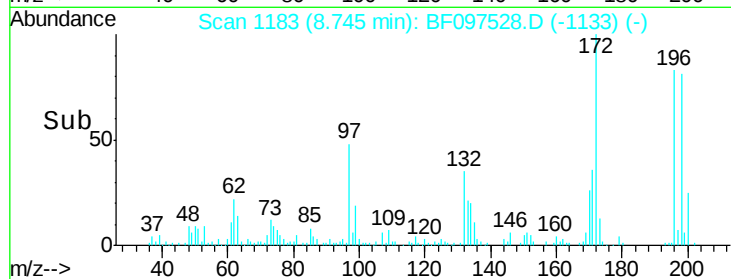
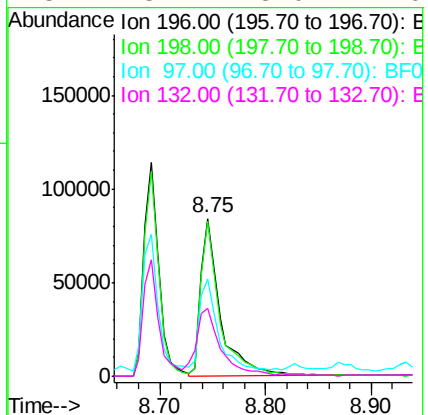
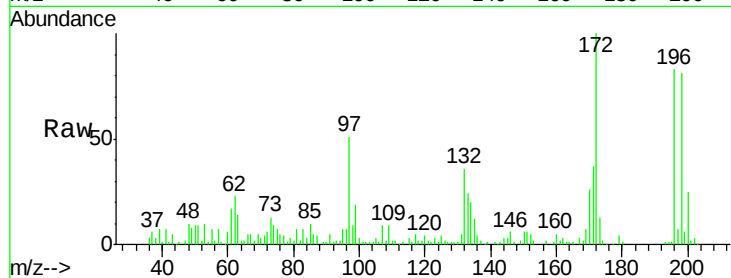




#43
 2,4,5-Trichlorophenol
 Concen: 30.84 ng
 RT: 8.75 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF097528.D
 Acq: 9 Aug 2017 21:06

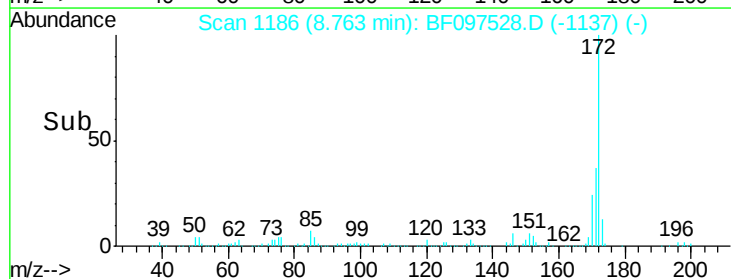
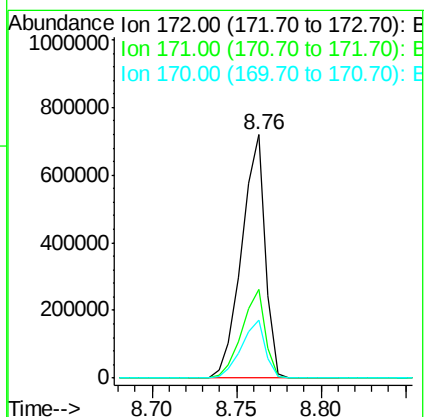
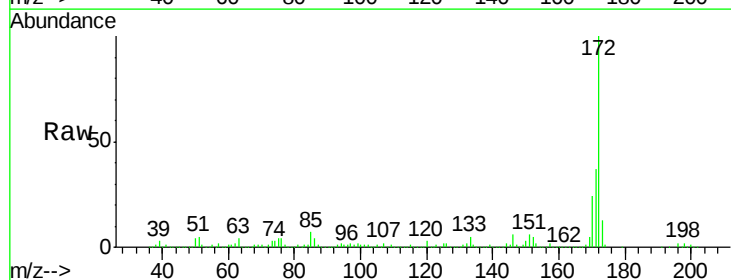
Instrument :
 BNA_F
 ClientSampleId :
 E2-L9-SSWMS

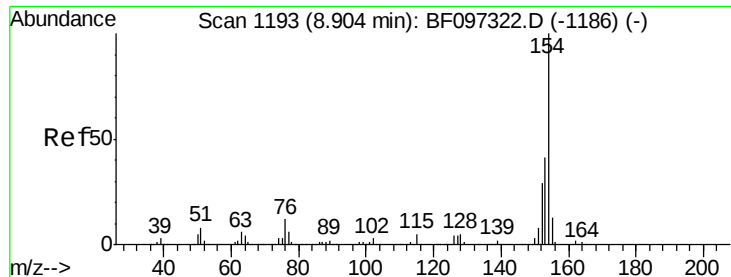
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		107370		
198	97.9	75.7	113.5		
97	61.3	47.7	71.5		
132	43.4	28.0	42.0		



#44
 2-Fluorobiphenyl
 Concen: 66.00 ng
 RT: 8.76 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF097528.D
 Acq: 9 Aug 2017 21:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		699637		
171	36.6	29.6	44.4		
170	23.6	19.8	29.8		





#45

1,1'-Biphenyl

Concen: 32.14 ng

RT: 8.86 min Scan# 1202

Delta R.T. -0.02 min

Lab File: BF097528.D

Acq: 9 Aug 2017 21:06

Instrument :

BNA_F

ClientSampleId :

E2-L9-SSWMS

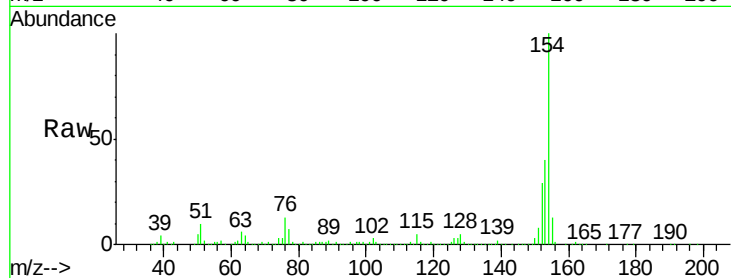
Tot Ion:154 Resp: 493885

Ion Ratio Lower Upper

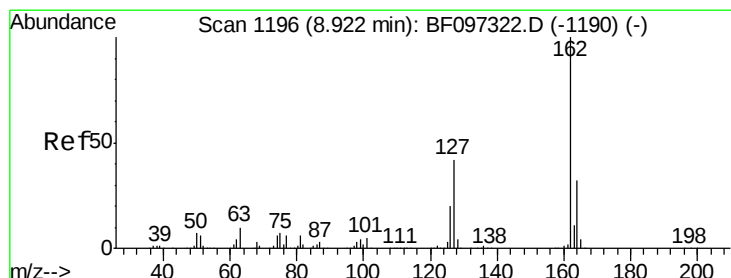
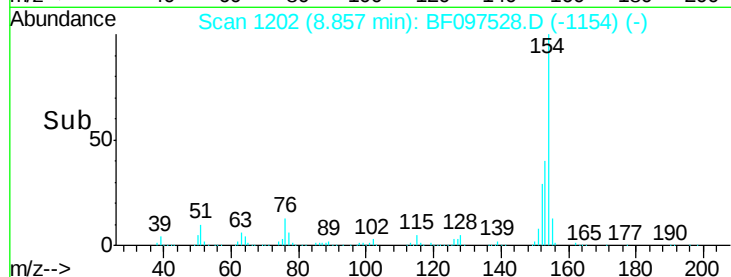
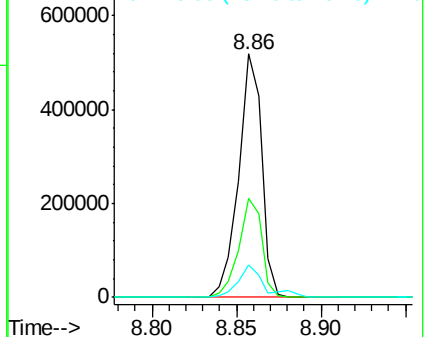
154 100

153 40.5 21.2 61.2

76 13.3 0.0 29.9



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: 33.63 ng

RT: 8.88 min Scan# 1206

Delta R.T. -0.02 min

Lab File: BF097528.D

Acq: 9 Aug 2017 21:06

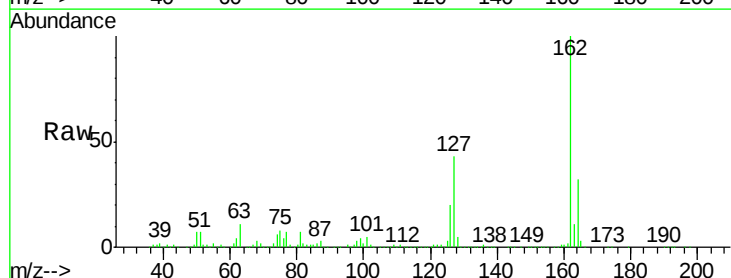
Tgt Ion:162 Resp: 380333

Ion Ratio Lower Upper

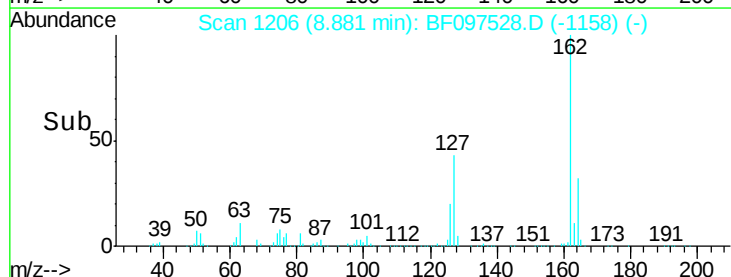
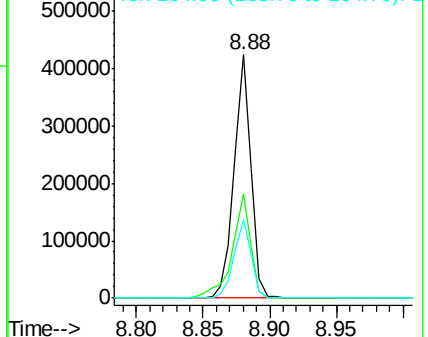
162 100

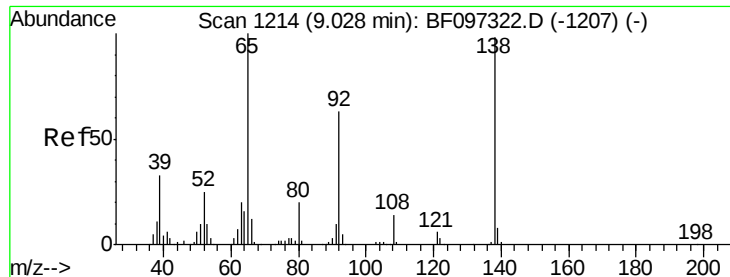
127 42.7 28.3 42.5#

164 32.4 27.0 40.4



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





#47

2-Nitroaniline

Concen: 35.65 ng

RT: 8.99 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BF097528.D

Acq: 9 Aug 2017 21:06

Instrument :

BNA_F

ClientSampleId :

E2-L9-SSWMS

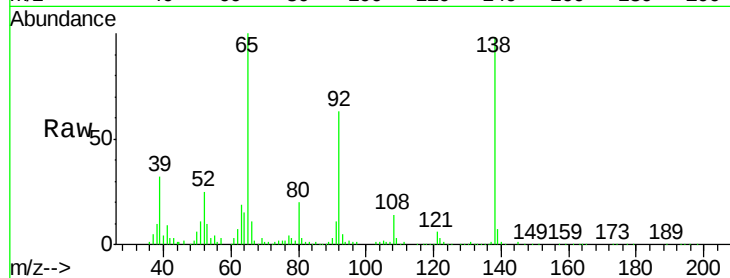
Tot Ion: 65 Resp: 146293

Ion Ratio Lower Upper

65 100

92 62.5 53.9 80.9

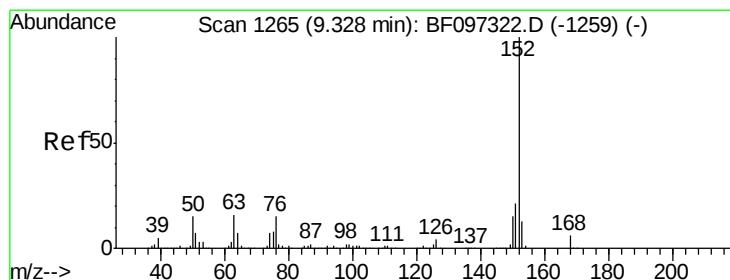
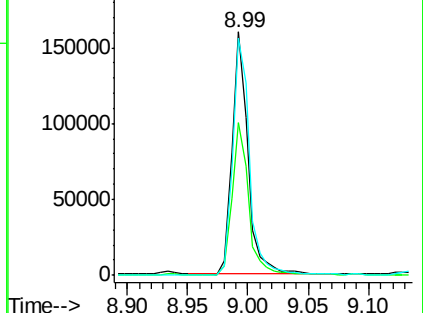
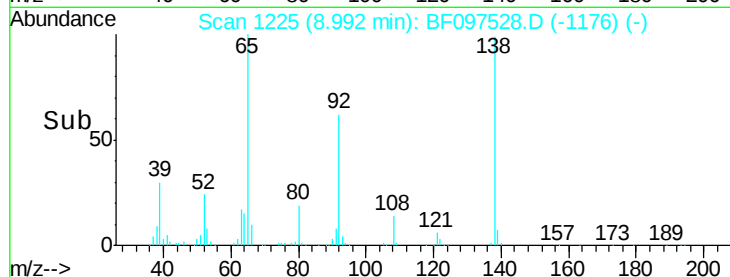
138 97.5 78.8 118.2



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 33.18 ng

RT: 9.29 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF097528.D

Acq: 9 Aug 2017 21:06

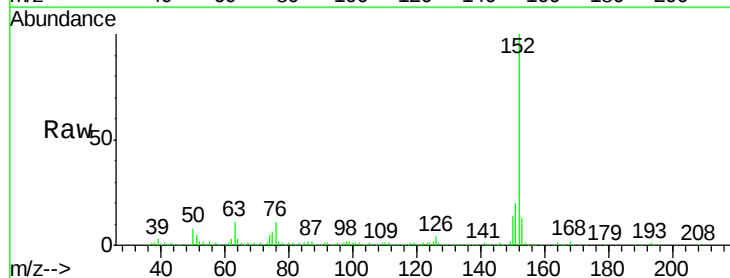
Tgt Ion: 152 Resp: 575883

Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2

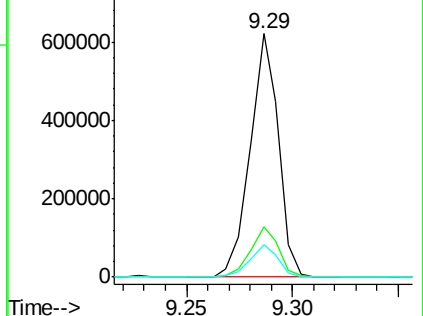
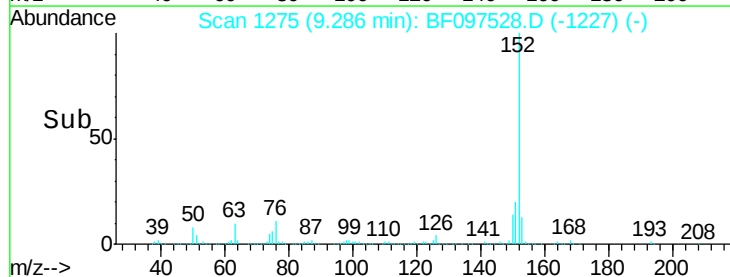
153 13.3 10.8 16.2

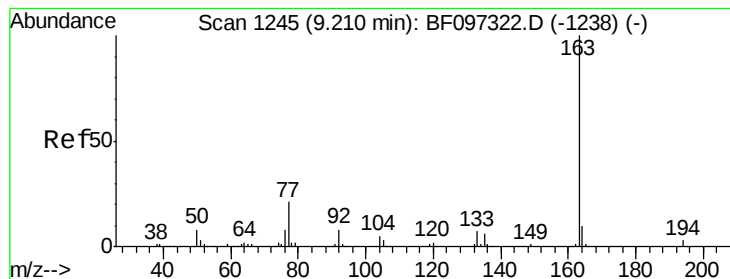


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 41.89 ng

RT: 9.17 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF097528.D

Acq: 9 Aug 2017 21:06

Instrument :

BNA_F

ClientSampleId :

E2-L9-SSWMS

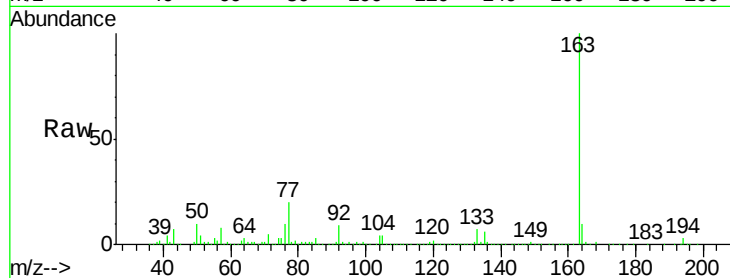
Tot Ion:163 Resp: 572283

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

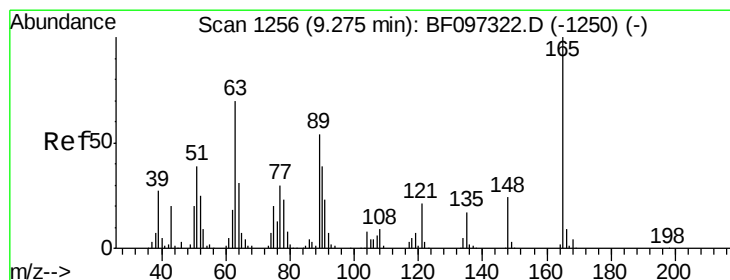
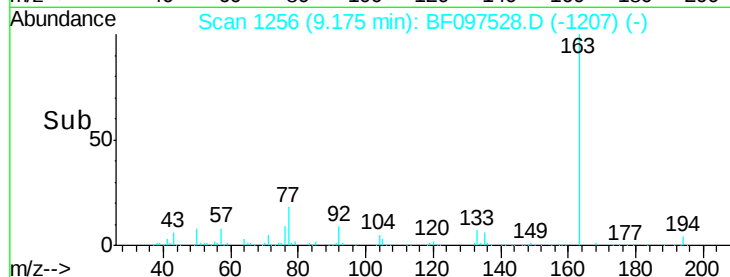
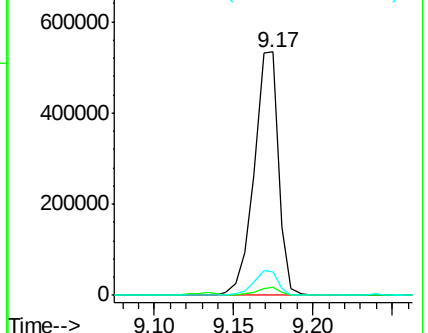
164 9.9 8.4 12.6



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: 34.25 ng

RT: 9.24 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF097528.D

Acq: 9 Aug 2017 21:06

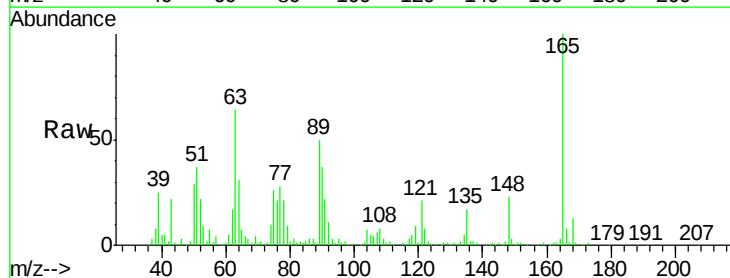
Tgt Ion:165 Resp: 99261

Ion Ratio Lower Upper

165 100

63 64.5 34.3 51.5#

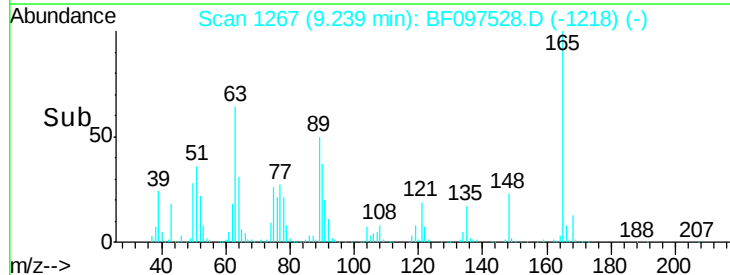
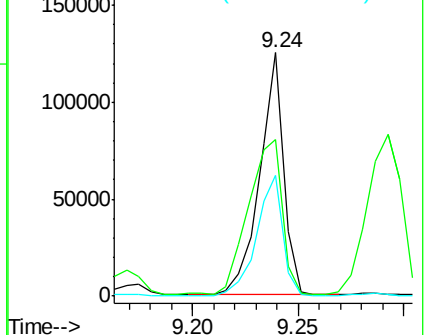
89 49.8 37.1 55.7

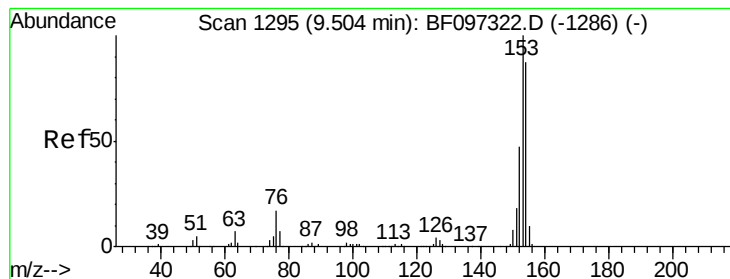


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 33.83 ng

RT: 9.46 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF097528.D

Acq: 9 Aug 2017 21:06

Instrument :

BNA_F

ClientSampleId :

E2-L9-SSWMS

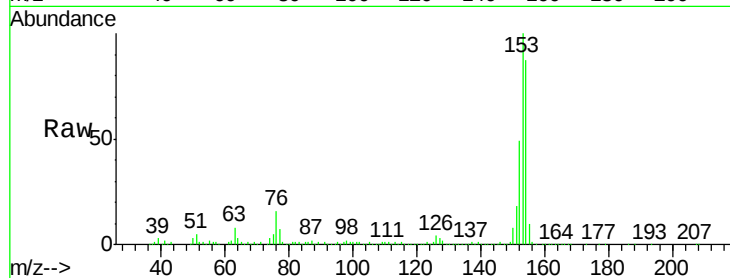
Tot Ion:154 Resp: 345885

Ion Ratio Lower Upper

154 100

153 114.7 90.5 135.7

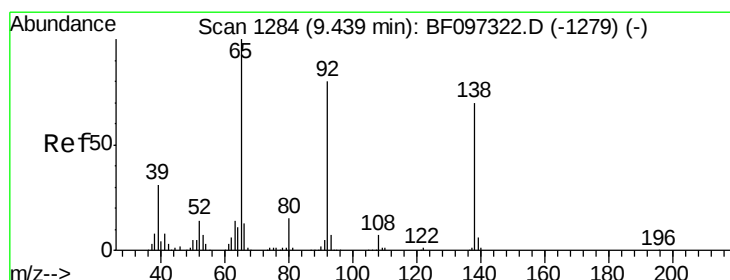
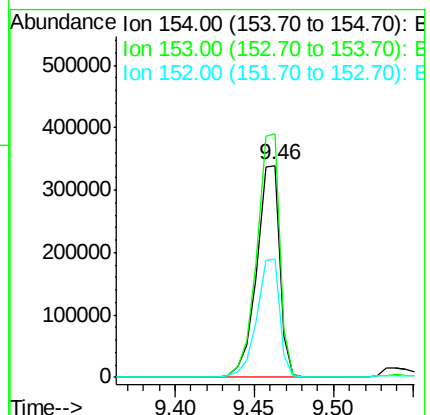
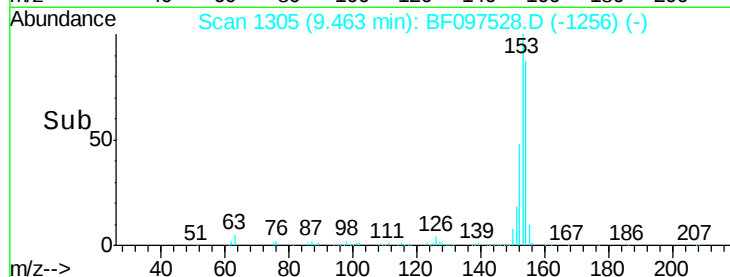
152 55.7 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.45 ng

RT: 9.40 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF097528.D

Acq: 9 Aug 2017 21:06

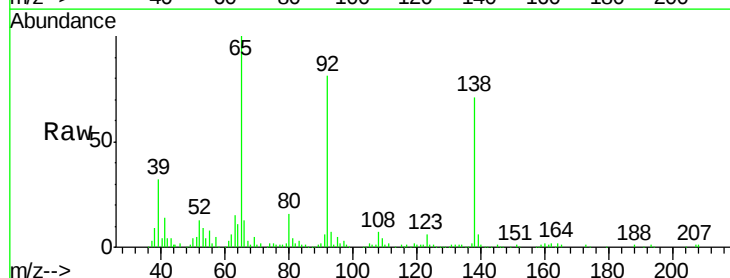
Tgt Ion:138 Resp: 109538

Ion Ratio Lower Upper

138 100

108 10.3 9.1 13.7

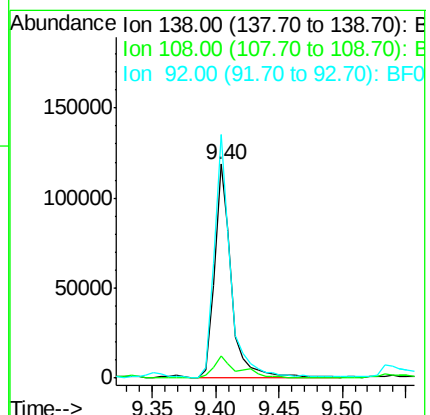
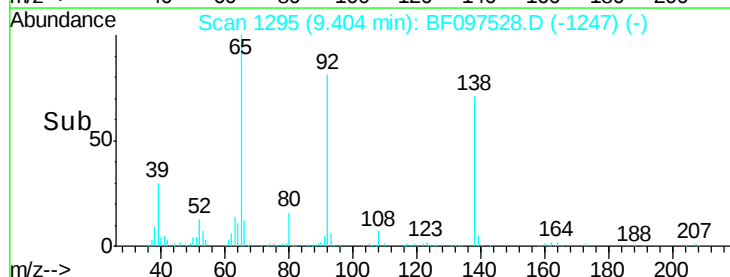
92 113.8 93.8 140.6

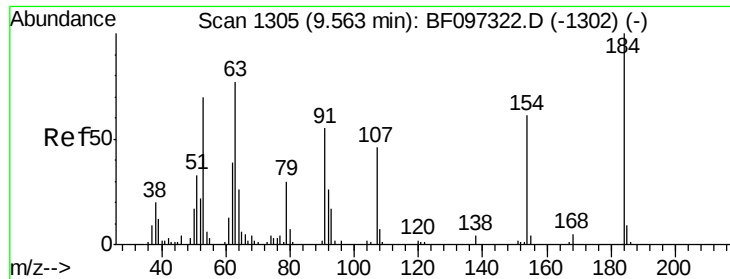


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

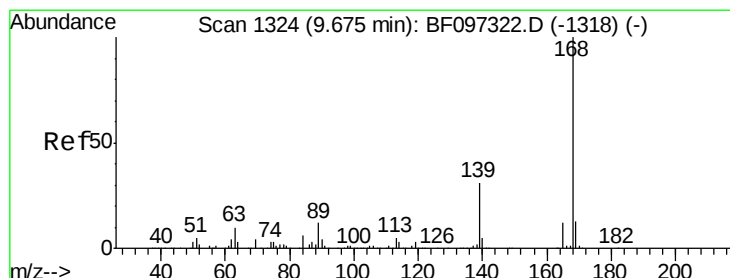
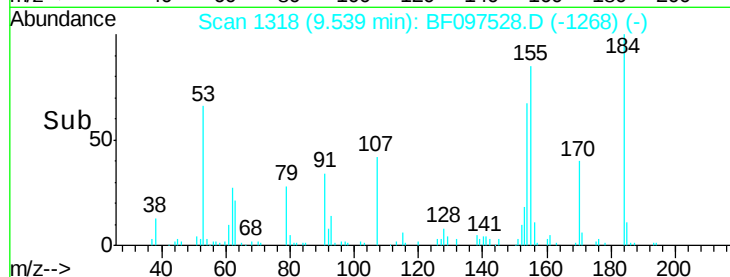
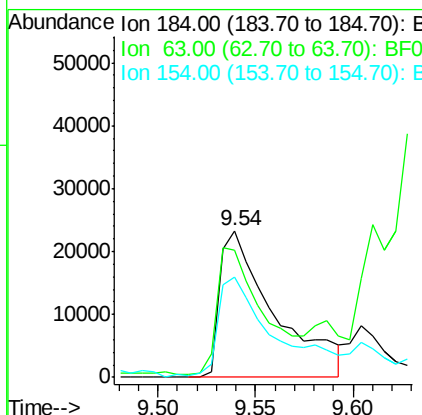
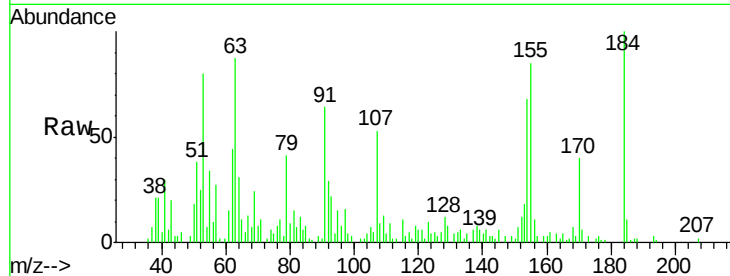




#53
 2,4-Dinitrophenol
 Concen: 34.13 ng
 RT: 9.54 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF097528.D
 Acq: 9 Aug 2017 21:06

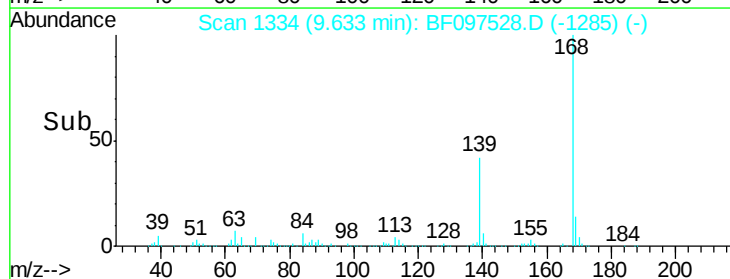
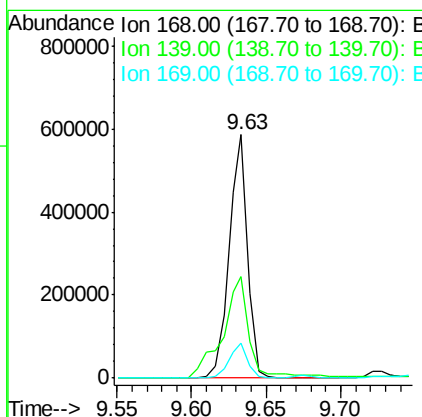
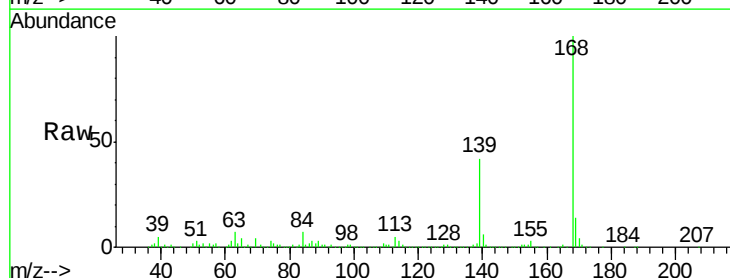
Instrument :
 BNA_F
 ClientSampleId :
 E2-L9-SSWMS

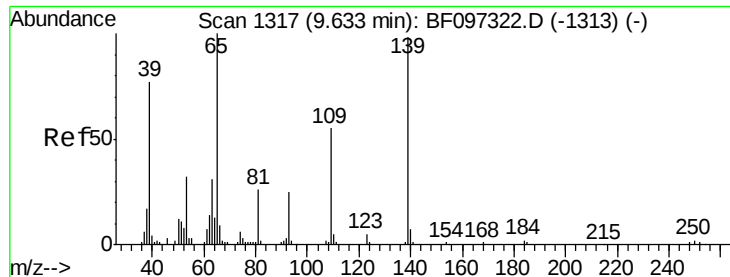
Tot Ion:184 Resp: 44971
 Ion Ratio Lower Upper
 184 100
 63 87.1 62.7 94.1
 154 68.4 81.1 121.7#



#54
 Dibenzofuran
 Concen: 37.56 ng
 RT: 9.63 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF097528.D
 Acq: 9 Aug 2017 21:06

Tgt Ion:168 Resp: 511570
 Ion Ratio Lower Upper
 168 100
 139 41.8 30.6 45.8
 169 14.4 10.8 16.2

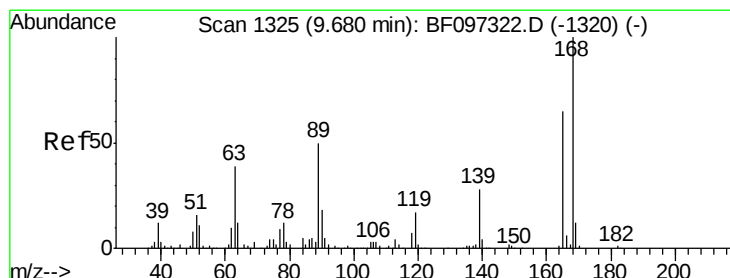
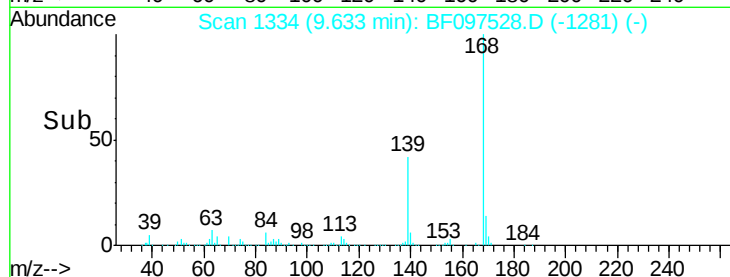
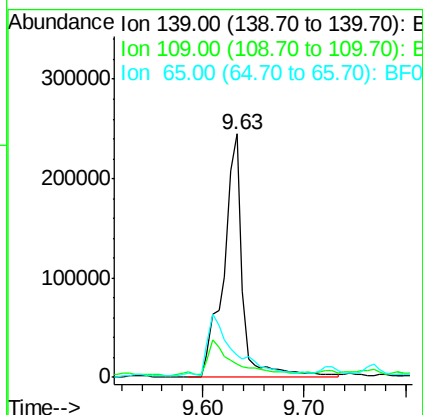
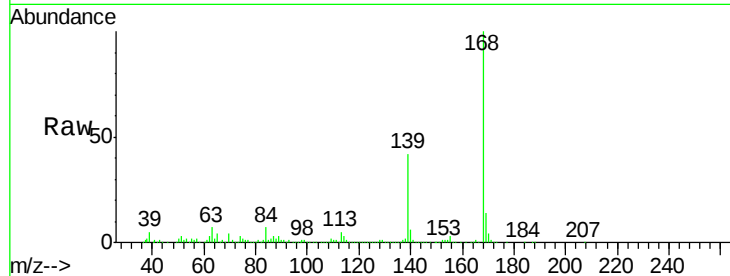




#55
4-Nitrophenol
Concen: 147.45 ng
RT: 9.63 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF097528.D
Acq: 9 Aug 2017 21:06

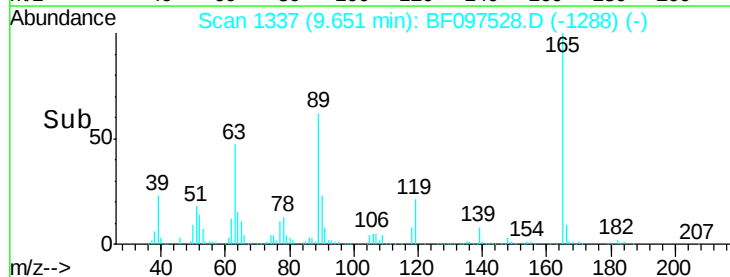
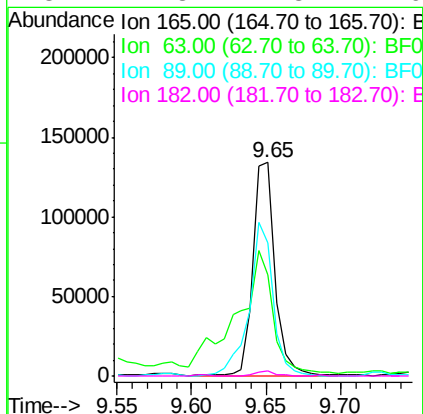
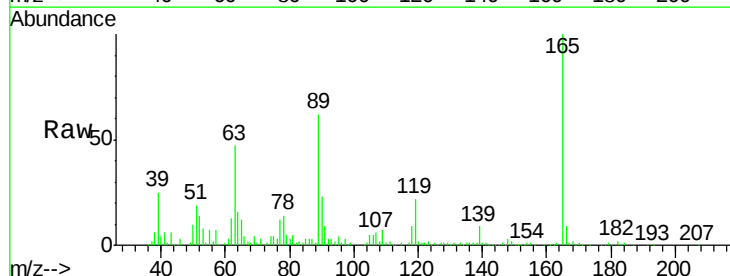
Instrument :
BNA_F
ClientSampleId :
E2-L9-SSWMS

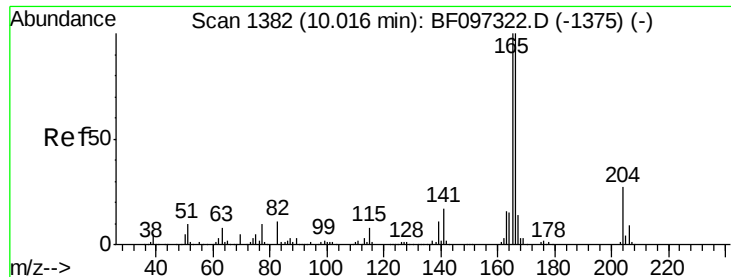
Tot Ion	Ratio	Lower	Upper
139	100		
109	5.5	34.1	74.1#
65	9.0	31.4	71.4#



#56
2,4-Dinitrotoluene
Concen: 40.63 ng
RT: 9.65 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF097528.D
Acq: 9 Aug 2017 21:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.2	25.4	38.0#
89	62.3	46.4	69.6
182	2.3	1.8	2.6

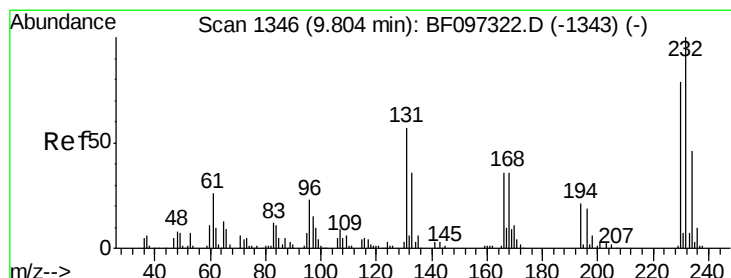
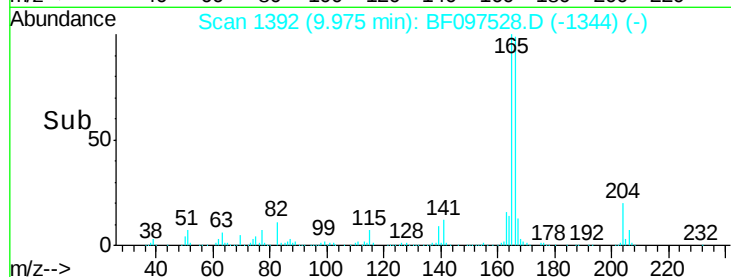
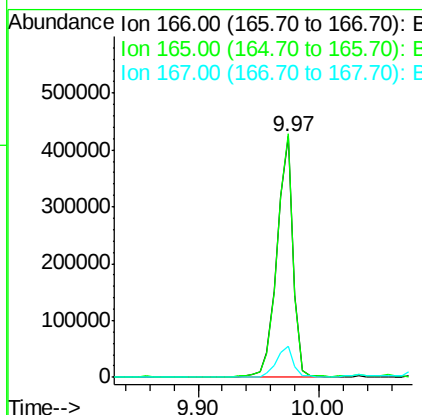
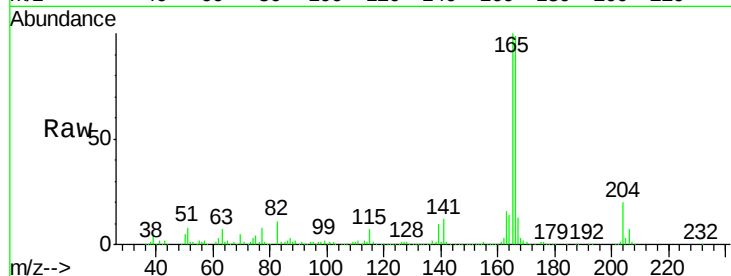




#57
Fluorene
 Concen: 38.47 ng
 RT: 9.97 min Scan# 1392
 Delta R.T. -0.02 min
 Lab File: BF097528.D
 Acq: 9 Aug 2017 21:06

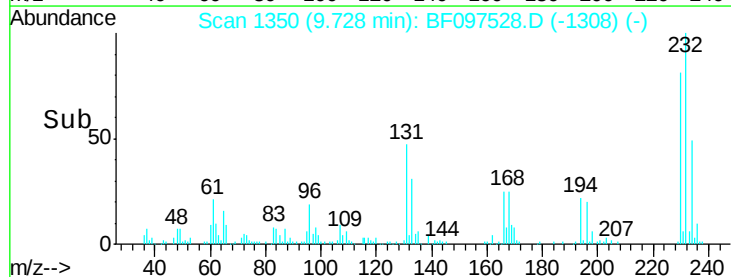
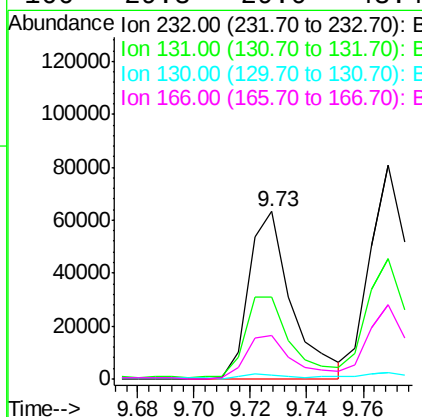
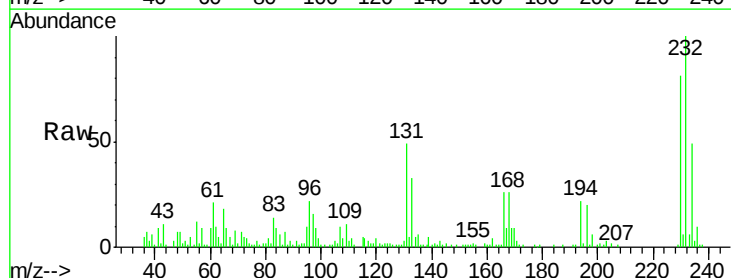
Instrument :
 BNA_F
 ClientSampleId :
 E2-L9-SSWMS

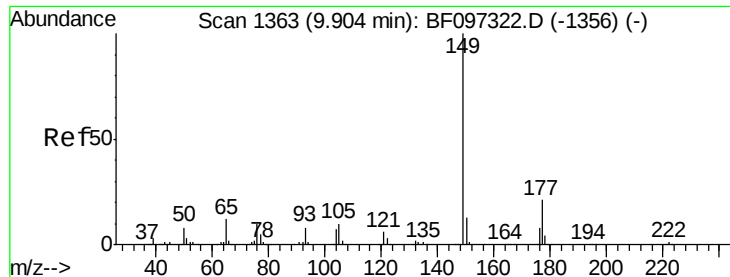
Tot Ion:166 Resp: 393787
 Ion Ratio Lower Upper
 166 100
 165 101.2 78.8 118.2
 167 12.9 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 27.65 ng
 RT: 9.73 min Scan# 1350
 Delta R.T. -0.05 min
 Lab File: BF097528.D
 Acq: 9 Aug 2017 21:06

Tgt Ion:232 Resp: 66474
 Ion Ratio Lower Upper
 232 100
 131 52.2 44.8 67.2
 130 3.1 2.3 3.5
 166 29.3 29.0 43.4

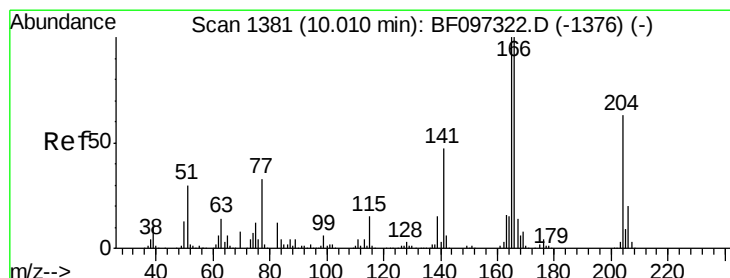
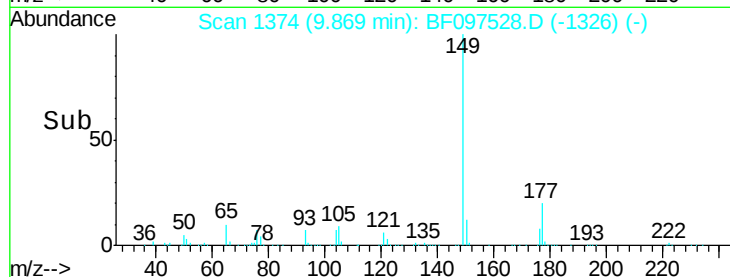
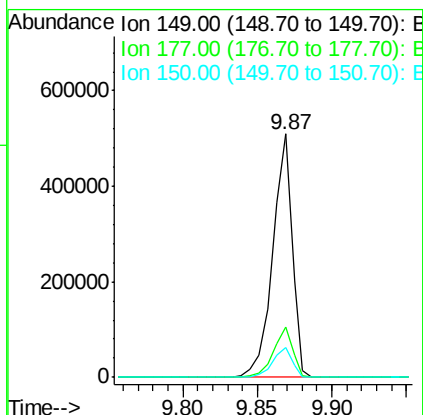
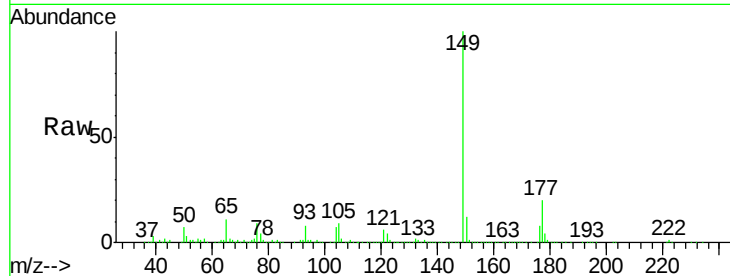




#59
Diethylphthalate
Concen: 36.89 ng
RT: 9.87 min Scan# 1374
Delta R.T. -0.02 min
Lab File: BF097528.D
Acq: 9 Aug 2017 21:06

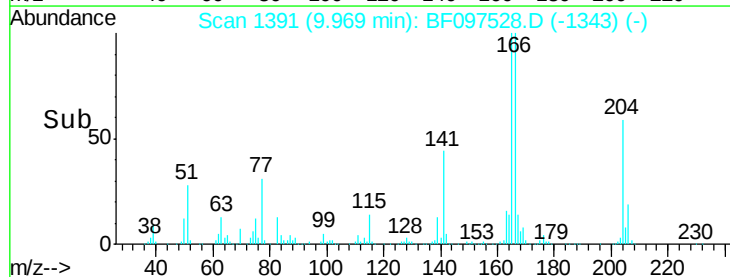
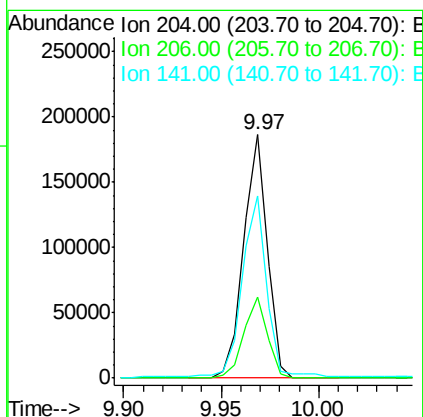
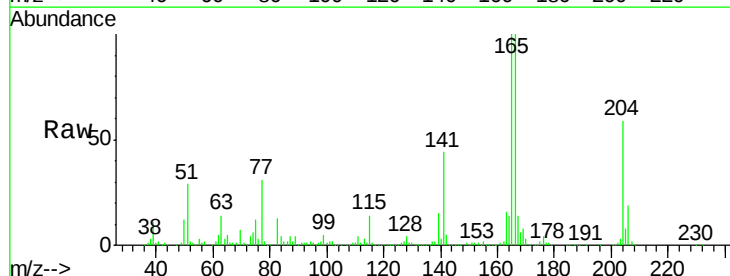
Instrument :
BNA_F
ClientSampleId :
E2-L9-SSWMS

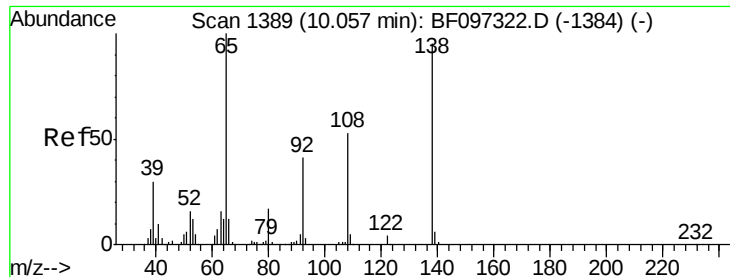
Tot Ion:149 Resp: 462402
Ion Ratio Lower Upper
149 100
177 20.5 16.7 25.1
150 12.3 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 37.17 ng
RT: 9.97 min Scan# 1391
Delta R.T. -0.02 min
Lab File: BF097528.D
Acq: 9 Aug 2017 21:06

Tgt Ion:204 Resp: 157107
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 74.6 60.8 91.2

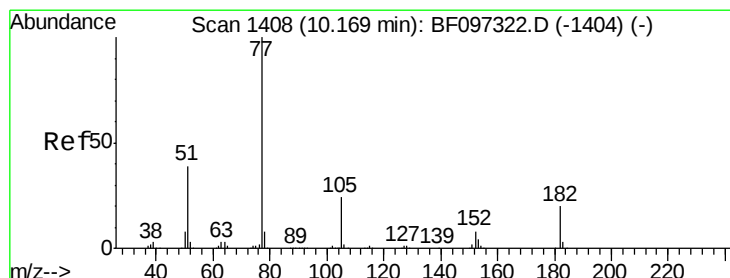
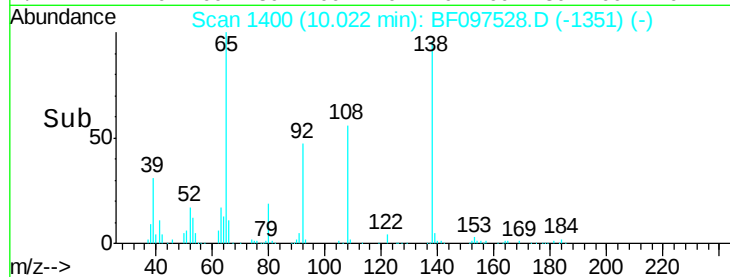
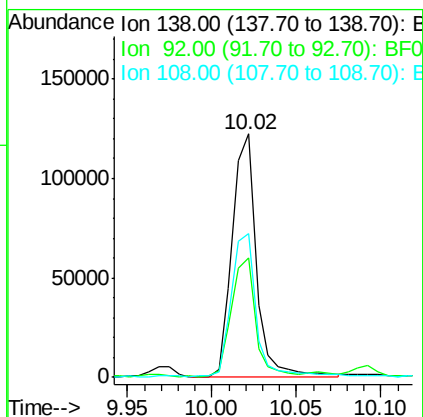
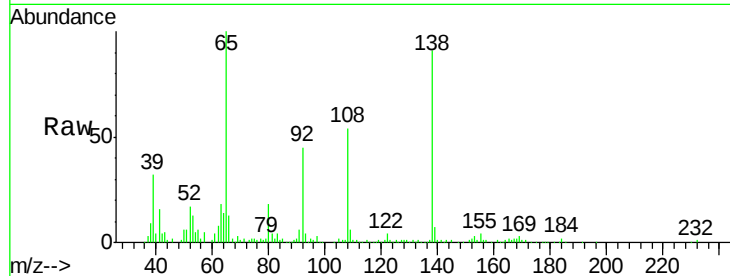




#61
4-Nitroaniline
Concen: 35.30 ng
RT: 10.02 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF097528.D
Acq: 9 Aug 2017 21:06

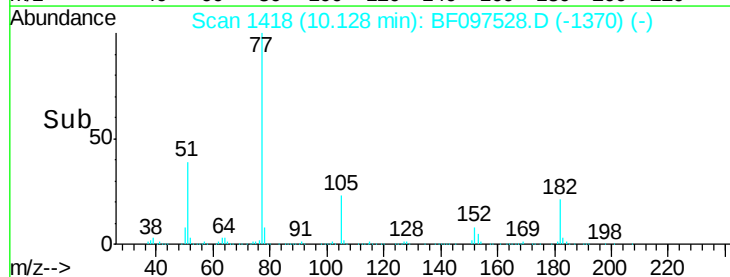
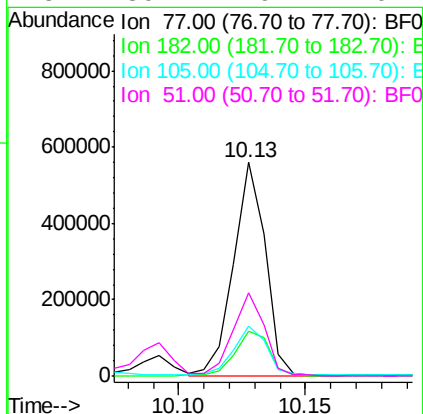
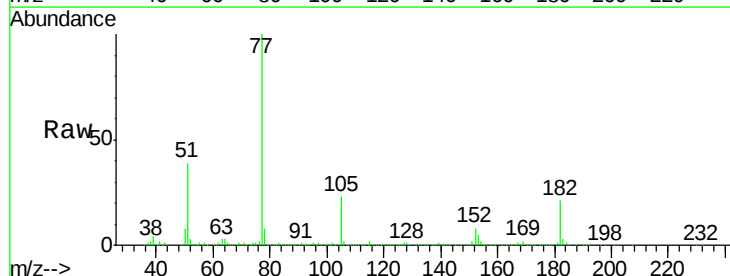
Instrument :
BNA_F
ClientSampleId :
E2-L9-SSWMS

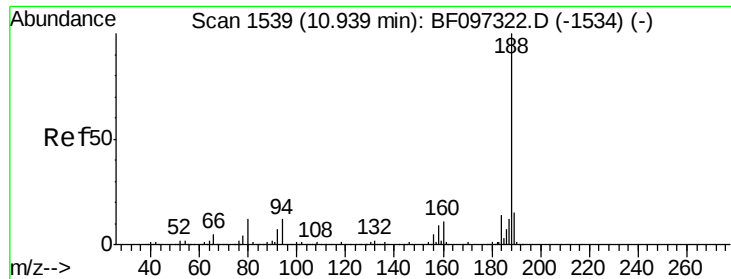
Tot Ion:138 Resp: 120650
Ion Ratio Lower Upper
138 100
92 49.0 21.8 61.8
108 59.0 42.3 82.3



#62
Azobenzene
Concen: 41.74 ng
RT: 10.13 min Scan# 1418
Delta R.T. -0.02 min
Lab File: BF097528.D
Acq: 9 Aug 2017 21:06

Tgt Ion: 77 Resp: 485362
Ion Ratio Lower Upper
77 100
182 21.1 0.1 40.1
105 23.5 3.6 43.6
51 39.1 9.4 49.4

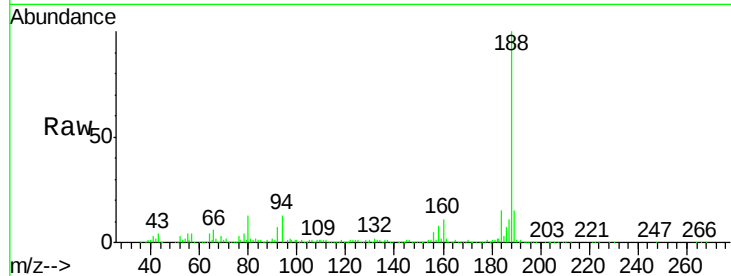




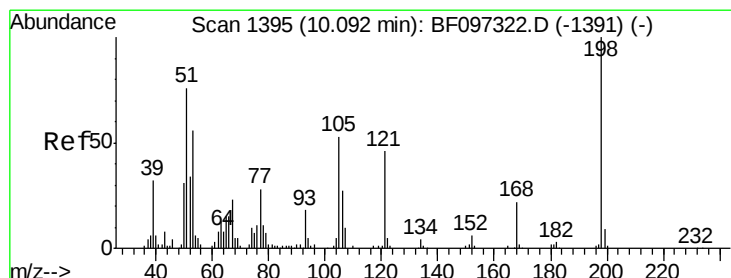
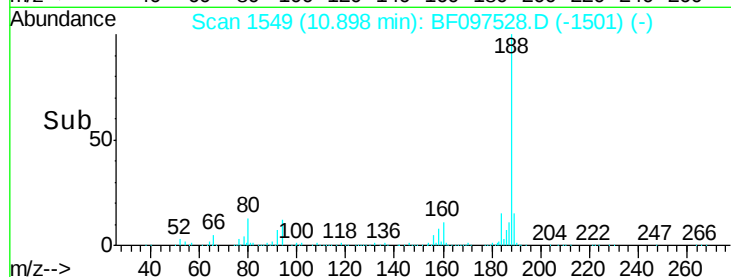
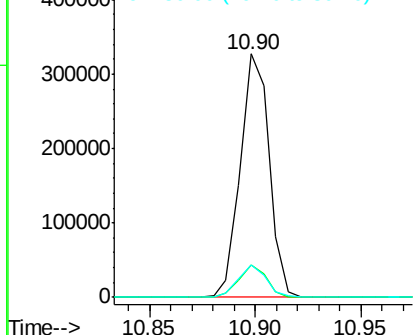
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.90 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BF097528.D
Acq: 9 Aug 2017 21:06

Instrument :
BNA_F
ClientSampleId :
E2-L9-SSWMS

Tot Ion:188 Resp: 310332
Ion Ratio Lower Upper
188 100
94 13.2 9.4 14.2
80 13.1 10.2 15.2

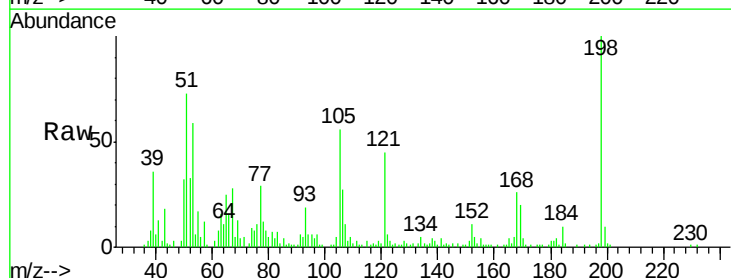


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

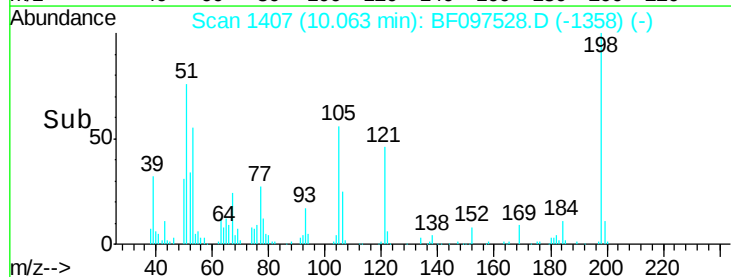
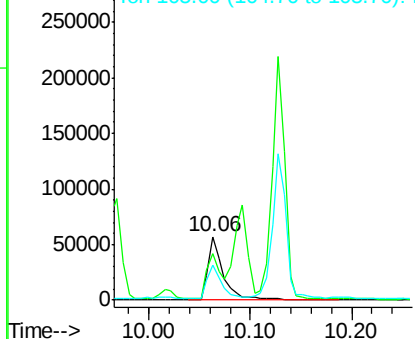


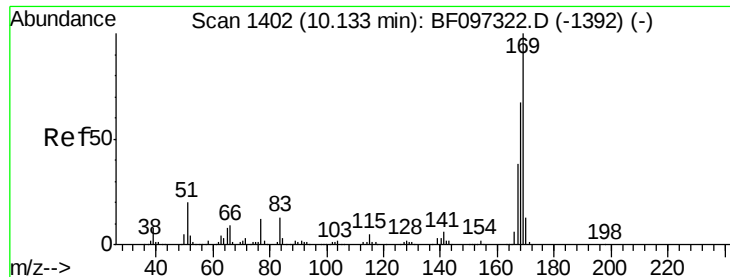
#64
4,6-Dinitro-2-methylphenol
Concen: 31.41 ng
RT: 10.06 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF097528.D
Acq: 9 Aug 2017 21:06

Tgt Ion:198 Resp: 60568
Ion Ratio Lower Upper
198 100
51 73.5 53.2 93.2
105 55.5 45.8 85.8



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: 36.63 ng

RT: 10.09 min Scan# 1412

Delta R.T. -0.02 min

Lab File: BF097528.D

Acq: 9 Aug 2017 21:06

Instrument :

BNA_F

ClientSampleId :

E2-L9-SSWMS

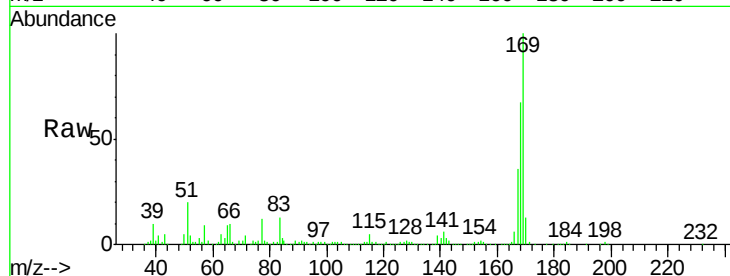
Tot Ion:169 Resp: 395493

Ion Ratio Lower Upper

169 100

168 67.0 53.2 79.8

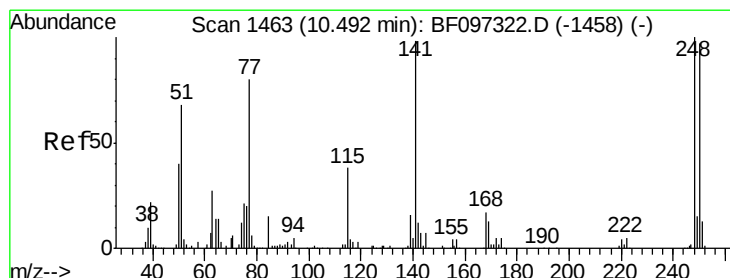
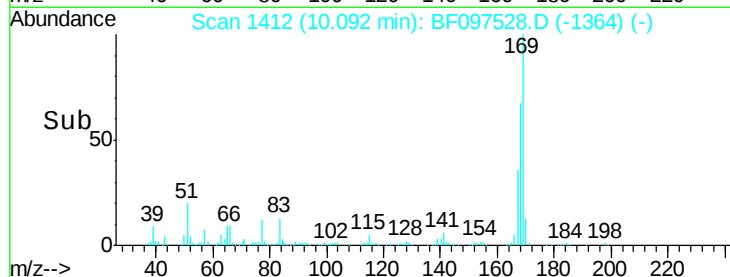
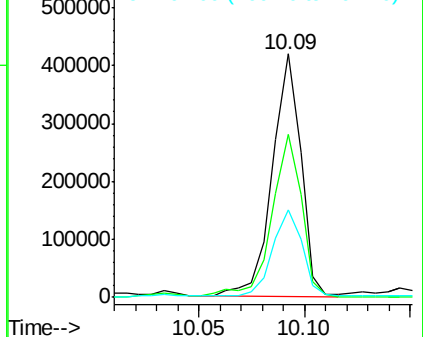
167 36.0 29.5 44.3



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: 34.77 ng

RT: 10.45 min Scan# 1473

Delta R.T. -0.02 min

Lab File: BF097528.D

Acq: 9 Aug 2017 21:06

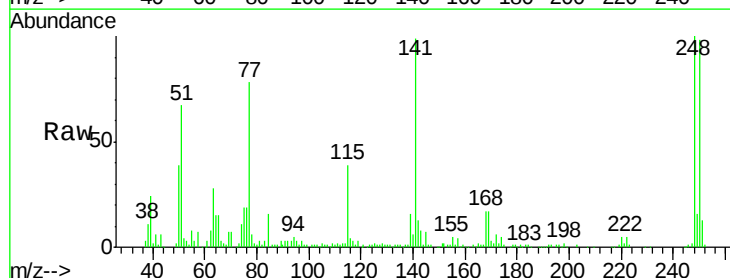
Tgt Ion:248 Resp: 107680

Ion Ratio Lower Upper

248 100

250 97.8 76.8 115.2

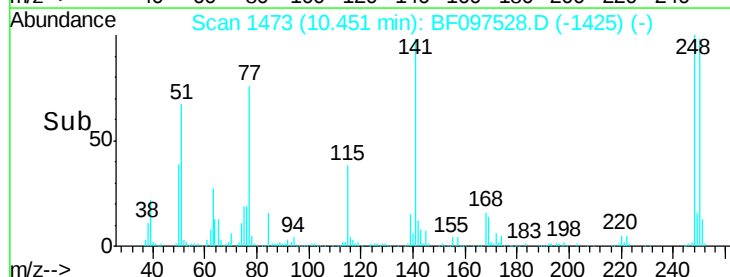
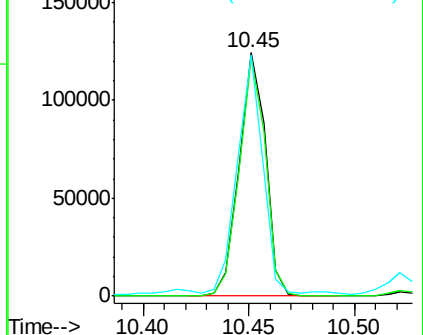
141 99.0 68.6 103.0

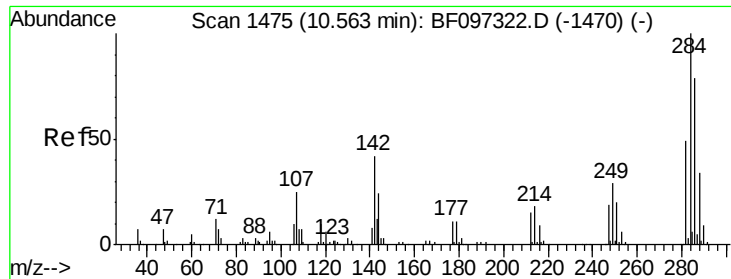


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

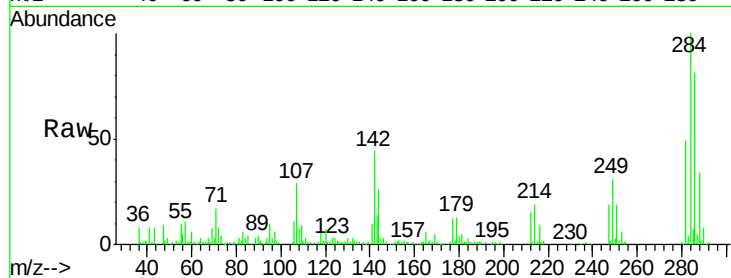




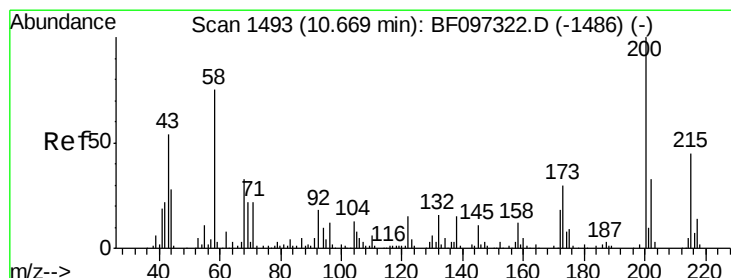
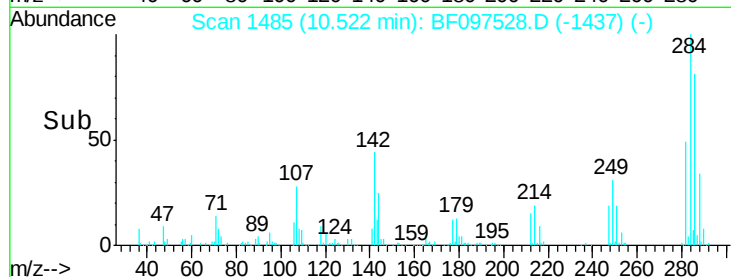
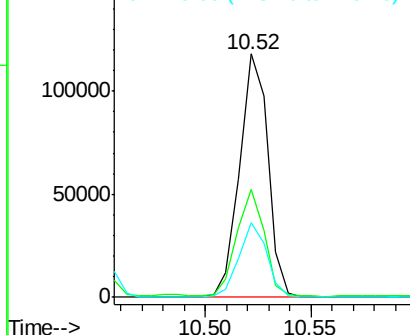
#67
Hexachlorobenzene
Concen: 31.68 ng
RT: 10.52 min Scan# 1485
Delta R.T. -0.02 min
Lab File: BF097528.D
Acq: 9 Aug 2017 21:06

Instrument :
BNA_F
ClientSampleId :
E2-L9-SSWMS

Tot Ion:284 Resp: 110031
Ion Ratio Lower Upper
284 100
142 44.4 22.8 34.2#
249 30.7 24.0 36.0

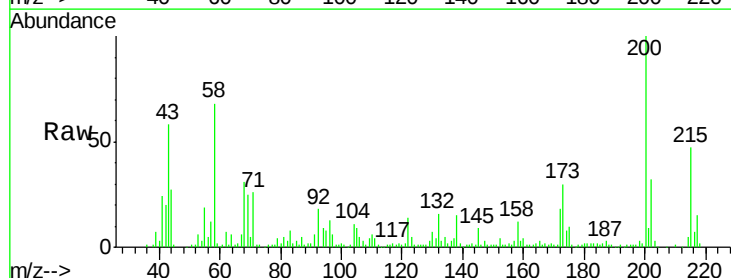


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

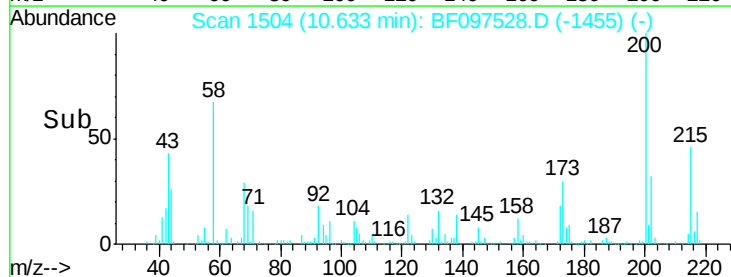
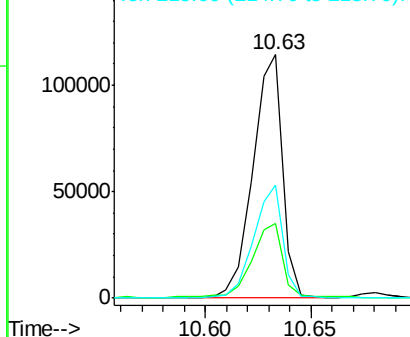


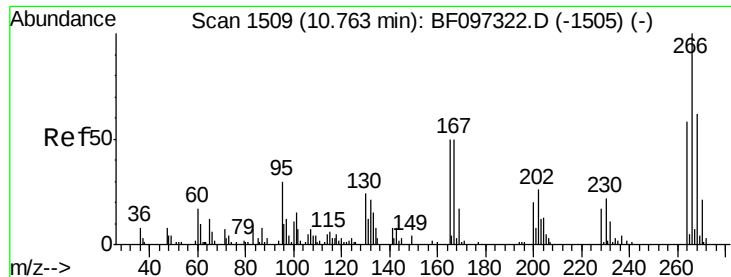
#68
Atrazine
Concen: 36.14 ng
RT: 10.63 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF097528.D
Acq: 9 Aug 2017 21:06

Tgt Ion:200 Resp: 111901
Ion Ratio Lower Upper
200 100
173 30.4 6.3 46.3
215 46.5 27.2 67.2



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

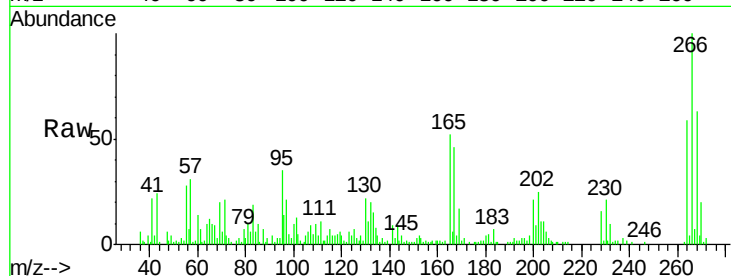




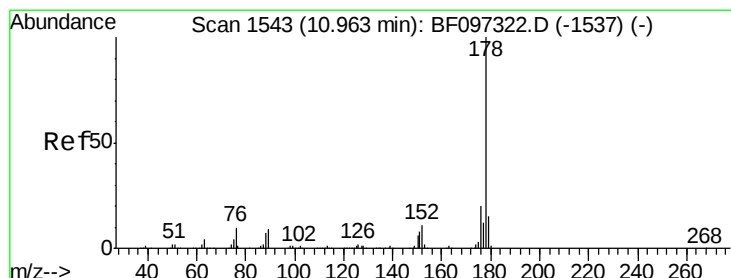
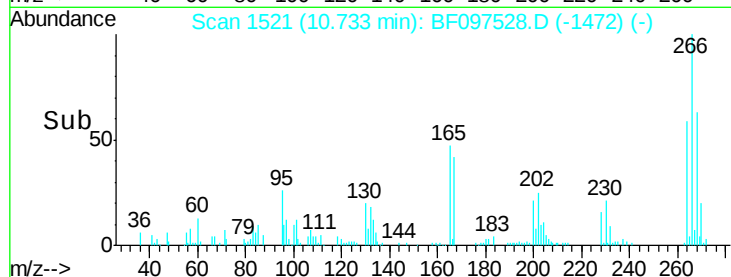
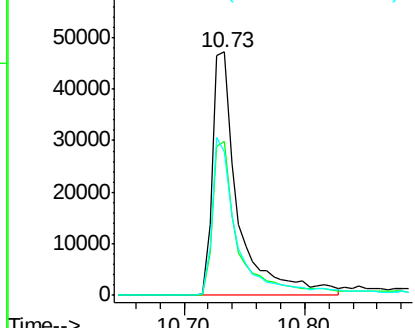
#69
 Pentachlorophenol
 Concen: 48.14 ng
 RT: 10.73 min Scan# 1521
 Delta R.T. -0.01 min
 Lab File: BF097528.D
 Acq: 9 Aug 2017 21:06

Instrument :
 BNA_F
 ClientSampleId :
 E2-L9-SSWMS

Tot Ion:266 Resp: 69182
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.1 76.7
 264 59.1 51.7 77.5

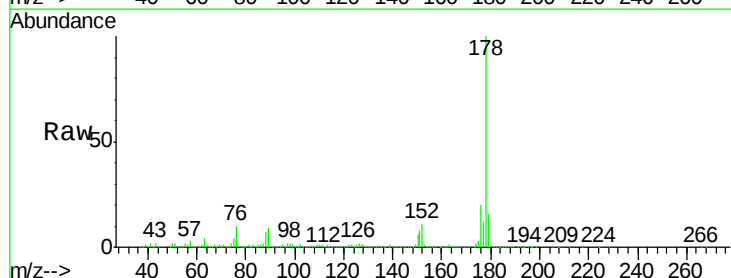


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

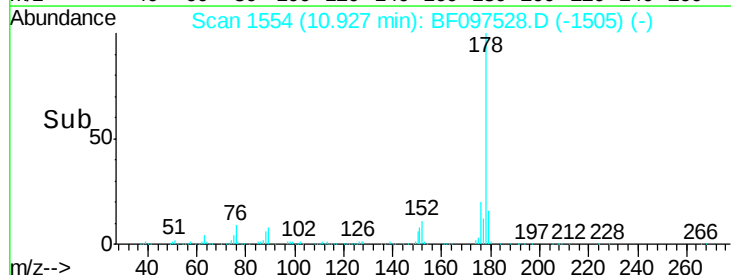
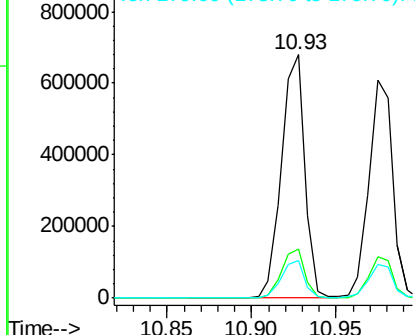


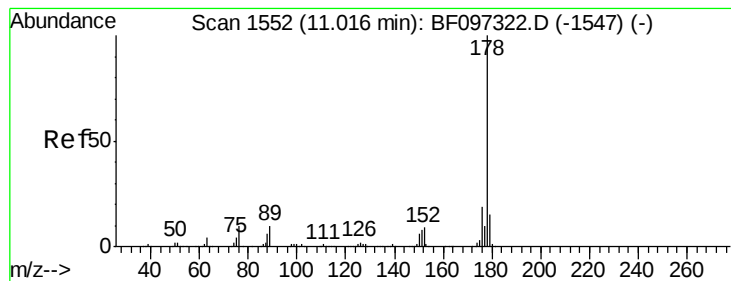
#70
 Phenanthrene
 Concen: 39.47 ng
 RT: 10.93 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF097528.D
 Acq: 9 Aug 2017 21:06

Tgt Ion:178 Resp: 656331
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.2 24.4
 179 15.7 12.6 19.0



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: 34.74 ng

RT: 10.97 min Scan# 1562

Delta R.T. -0.02 min

Lab File: BF097528.D

Acq: 9 Aug 2017 21:06

Instrument :

BNA_F

ClientSampleId :

E2-L9-SSWMS

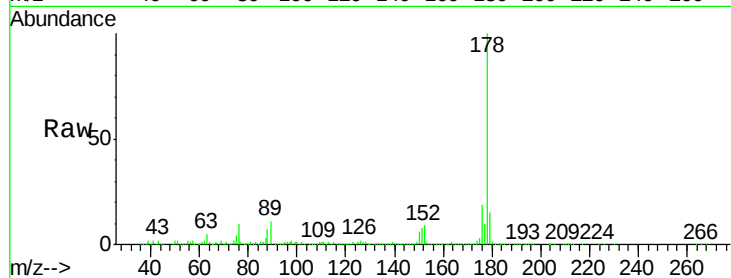
Tot Ion:178 Resp: 591620

Ion Ratio Lower Upper

178 100

176 18.9 15.8 23.8

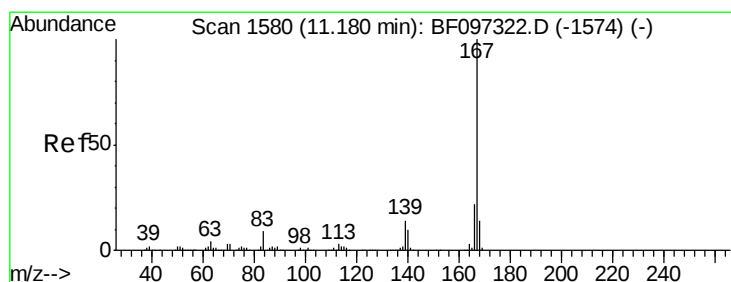
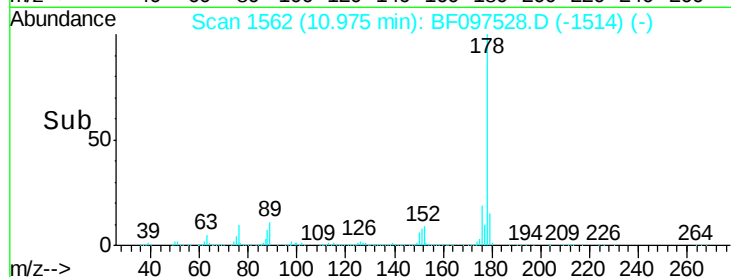
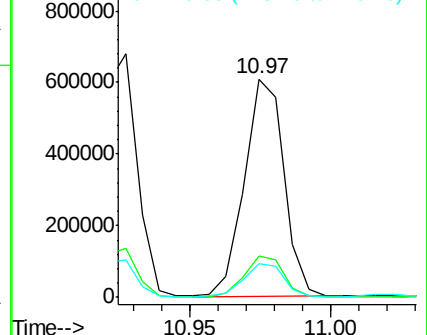
179 15.5 12.7 19.1



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: 33.04 ng

RT: 11.14 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF097528.D

Acq: 9 Aug 2017 21:06

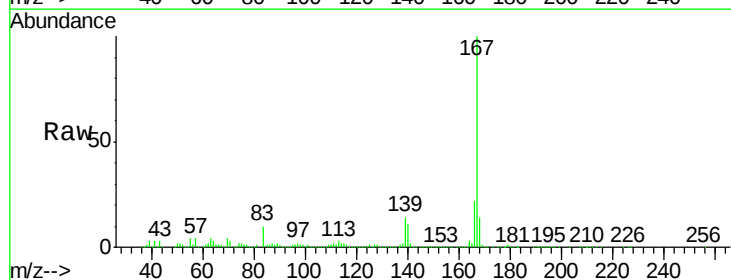
Tgt Ion:167 Resp: 553341

Ion Ratio Lower Upper

167 100

166 22.2 18.1 27.1

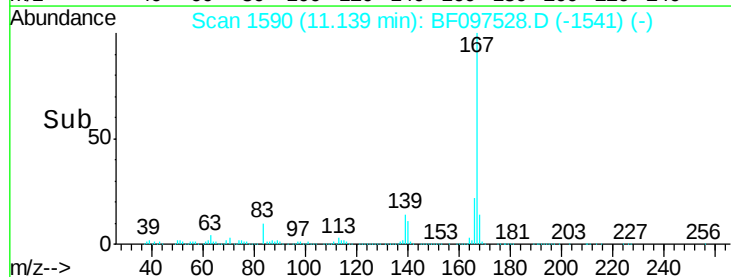
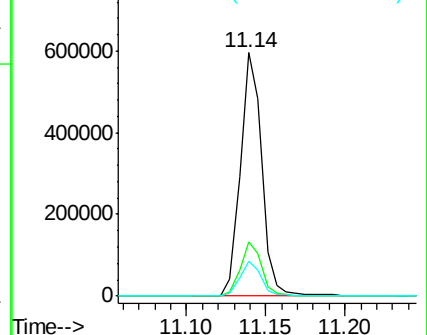
139 14.2 11.7 17.5

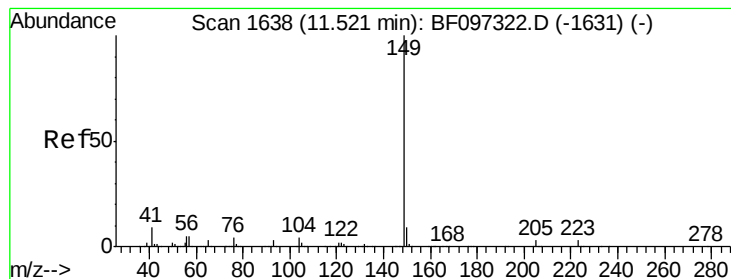


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 32.98 ng

RT: 11.48 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BF097528.D

Acq: 9 Aug 2017 21:06

Instrument :

BNA_F

ClientSampleId :

E2-L9-SSWMS

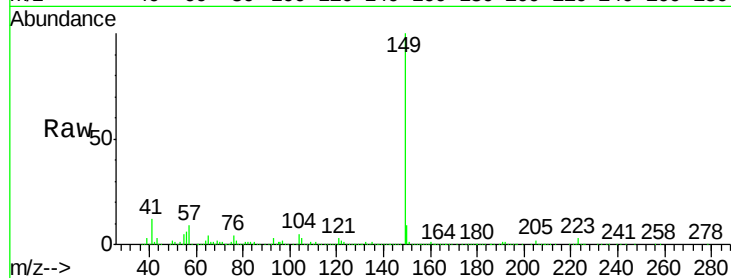
Tot Ion:149 Resp: 682766

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

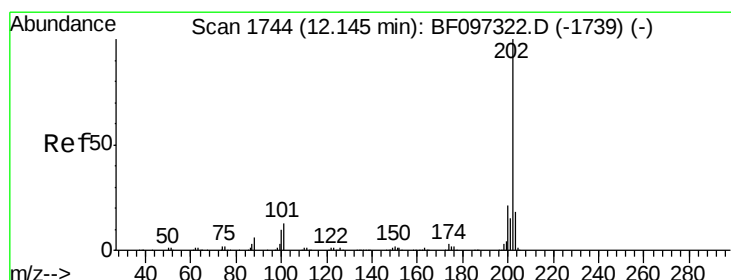
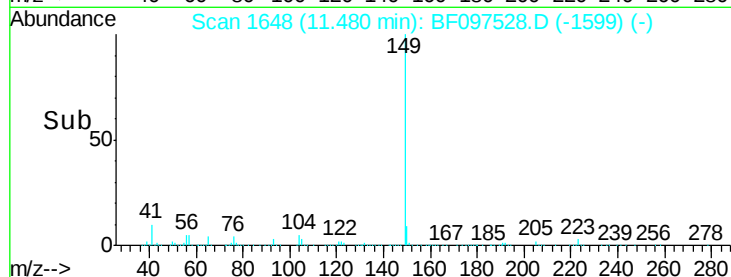
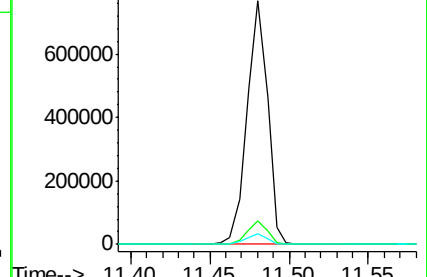
104 4.6 4.0 6.0



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: 33.98 ng

RT: 12.10 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF097528.D

Acq: 9 Aug 2017 21:06

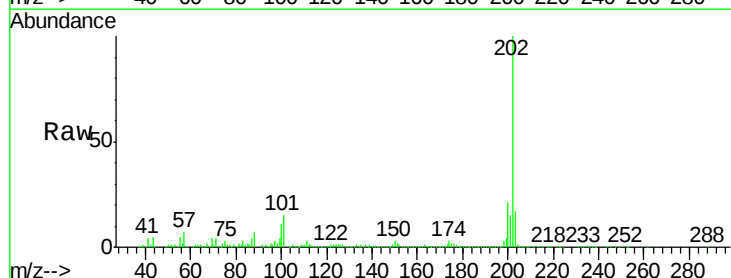
Tgt Ion:202 Resp: 553495

Ion Ratio Lower Upper

202 100

101 14.5 0.0 33.2

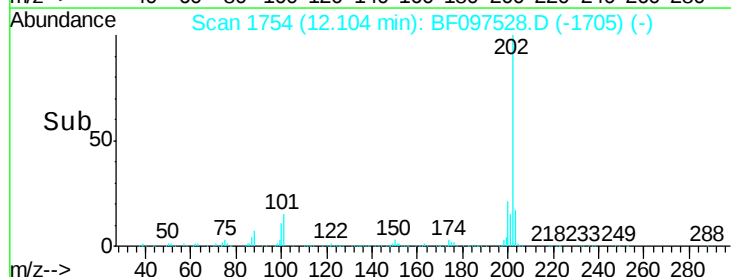
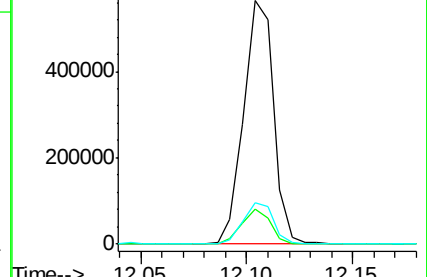
203 17.1 0.0 38.1

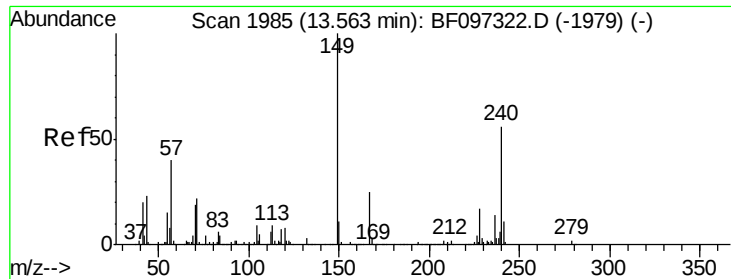


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.53 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF097528.D

Acq: 9 Aug 2017 21:06

Instrument :

BNA_F

ClientSampleId :

E2-L9-SSWMS

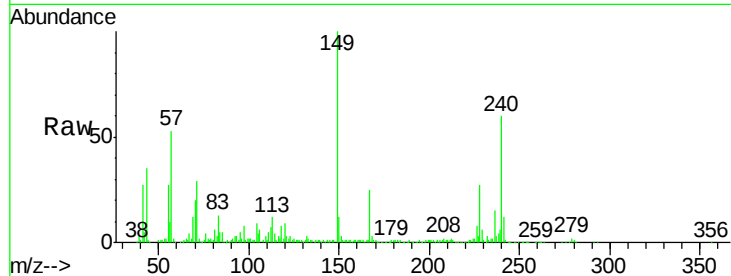
Tot Ion:240 Resp: 152955

Ion Ratio Lower Upper

240 100

120 15.8 5.8 8.8#

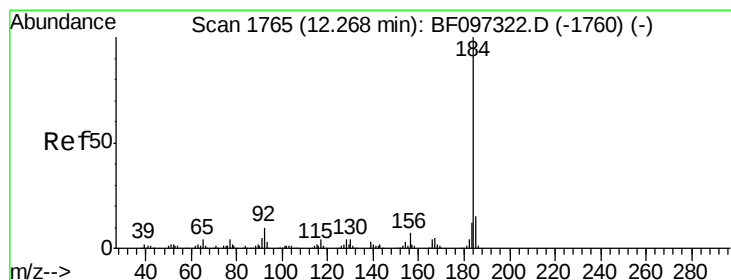
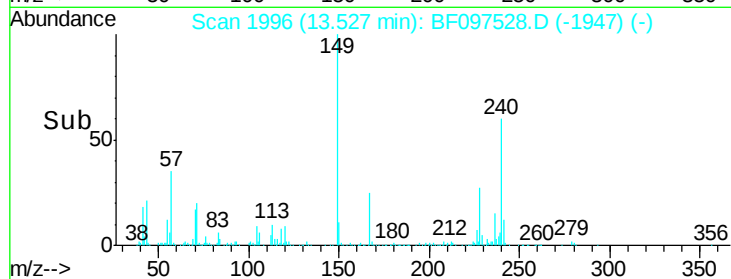
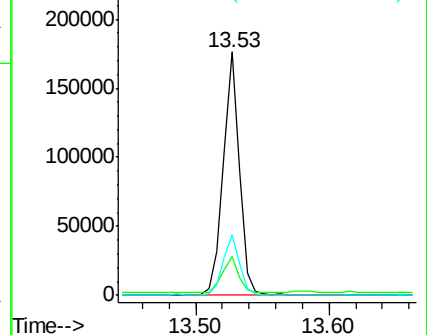
236 25.1 20.5 30.7



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: 37.88 ng

RT: 12.24 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF097528.D

Acq: 9 Aug 2017 21:06

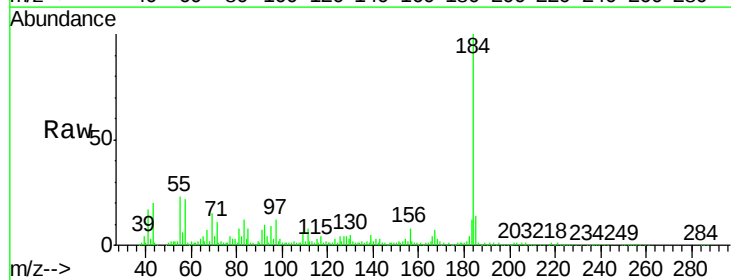
Tgt Ion:184 Resp: 214995

Ion Ratio Lower Upper

184 100

185 13.7 15.5 23.3#

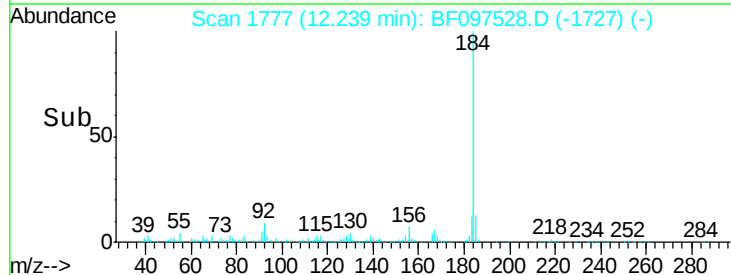
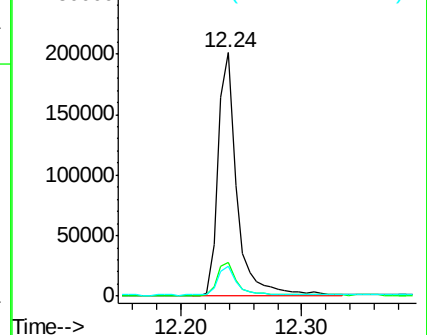
183 12.1 9.8 14.6

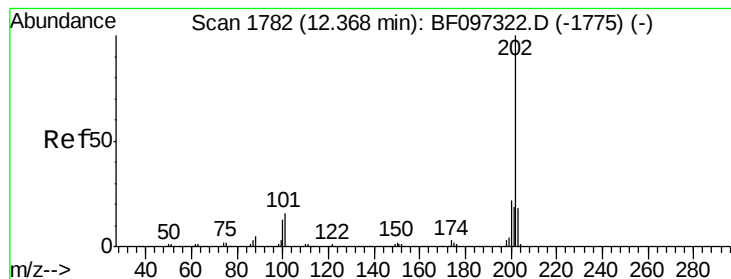


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 46.78 ng

RT: 12.33 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF097528.D

Acq: 9 Aug 2017 21:06

Instrument :

BNA_F

ClientSampleId :

E2-L9-SSWMS

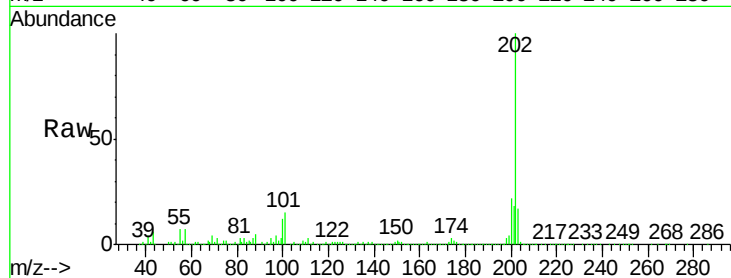
Tot Ion:202 Resp: 585818

Ion Ratio Lower Upper

202 100

200 21.5 17.6 26.4

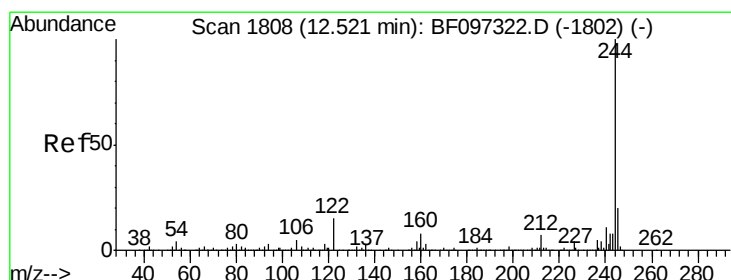
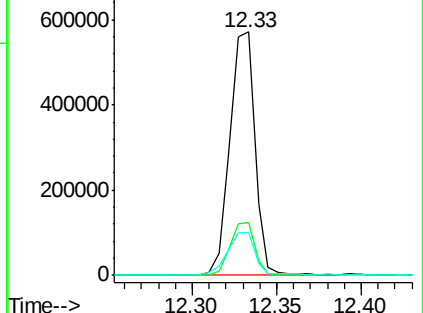
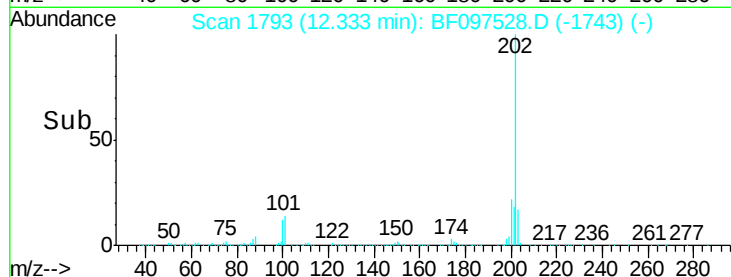
203 17.4 14.4 21.6



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: 62.41 ng

RT: 12.48 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF097528.D

Acq: 9 Aug 2017 21:06

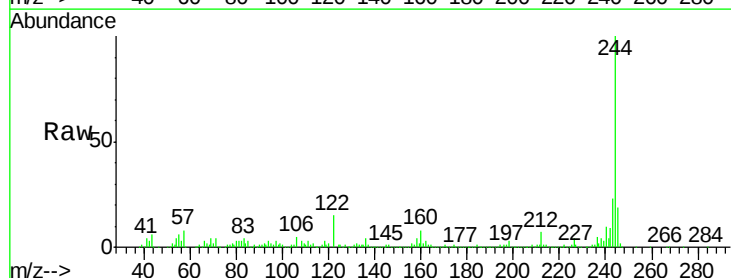
Tgt Ion:244 Resp: 468233

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

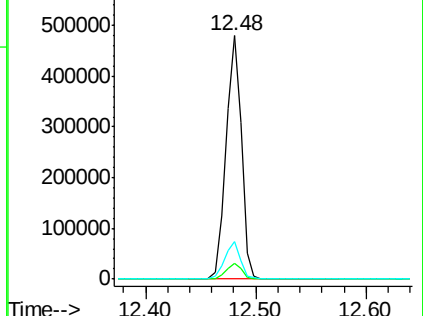
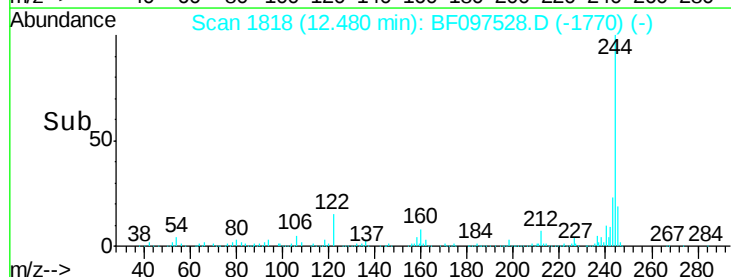
122 15.2 10.3 15.5

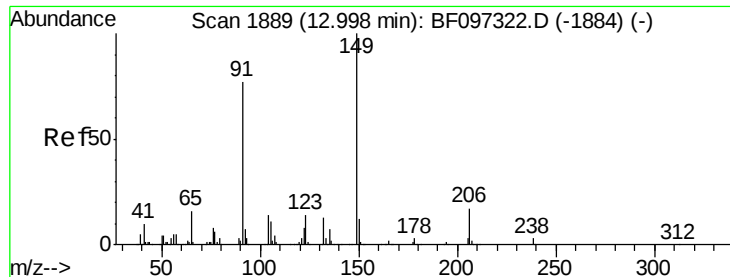


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

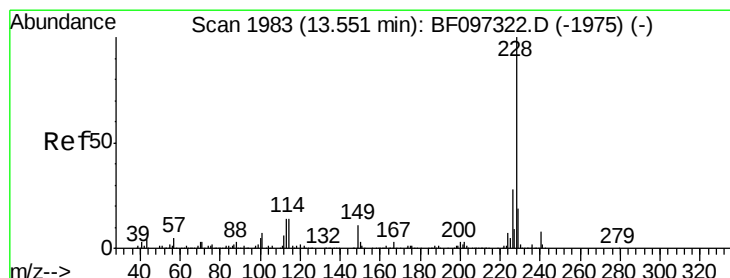
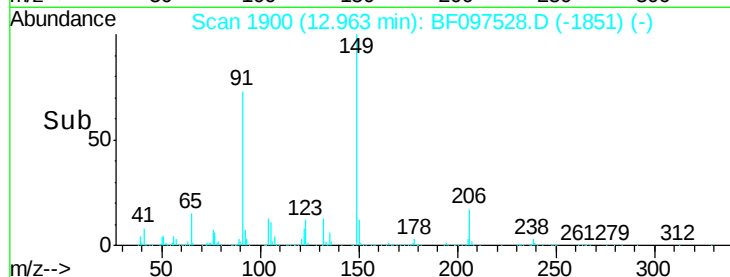
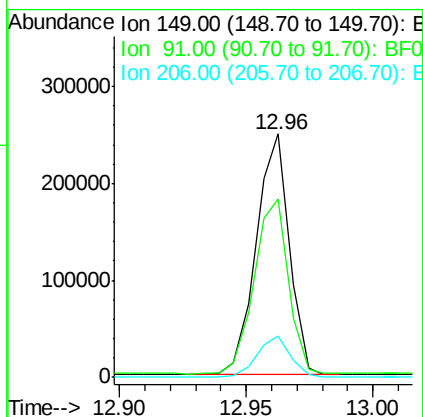
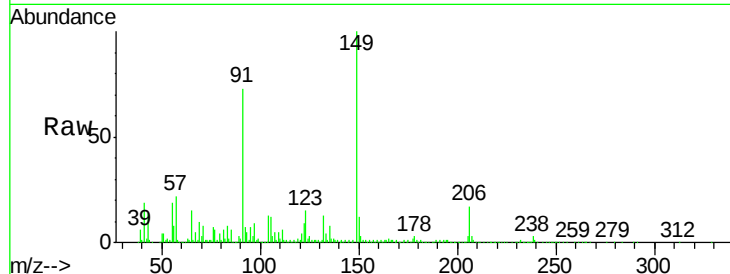




#79
Butylbenzylphthalate
Concen: 35.47 ng
RT: 12.96 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BF097528.D
Acq: 9 Aug 2017 21:06

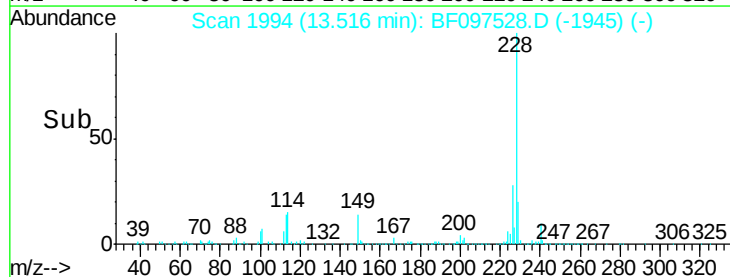
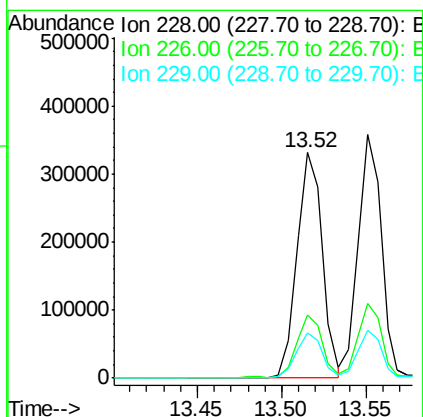
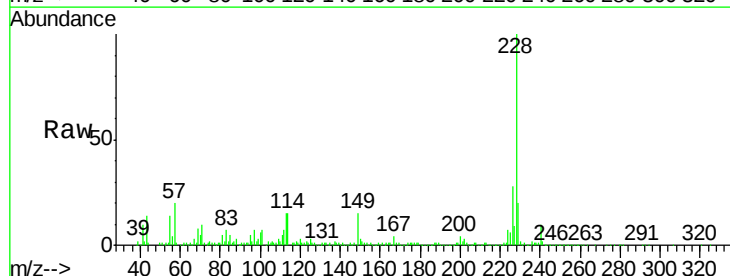
Instrument :
BNA_F
ClientSampleId :
E2-L9-SSWMS

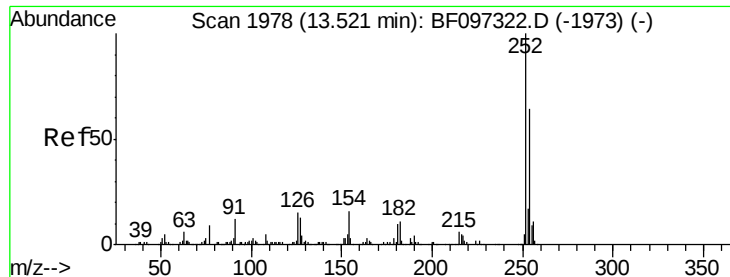
Tot Ion	Ratio	Lower	Upper
149	100		
91	73.4	45.0	67.4#
206	16.8	17.0	25.6#



#80
Benzo(a)anthracene
Concen: 35.00 ng
RT: 13.52 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF097528.D
Acq: 9 Aug 2017 21:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.1	16.3	24.5

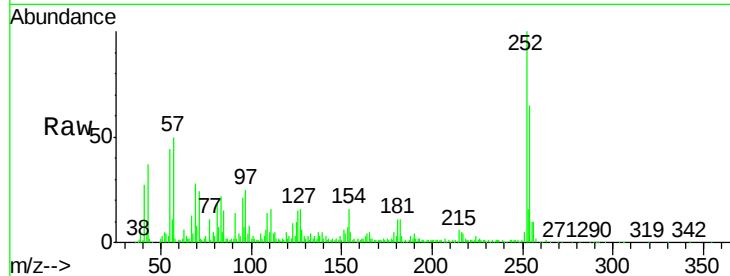




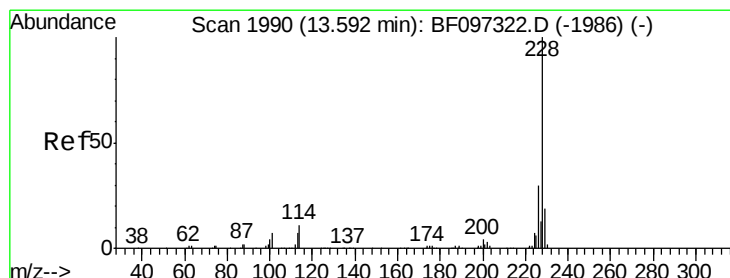
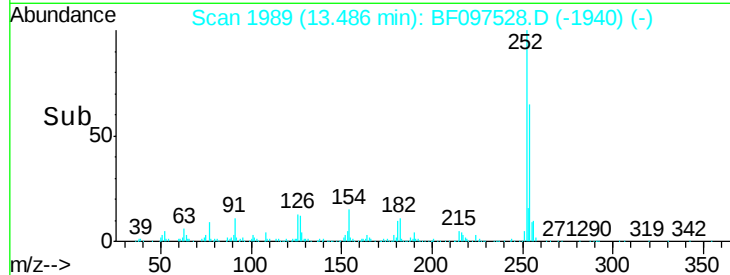
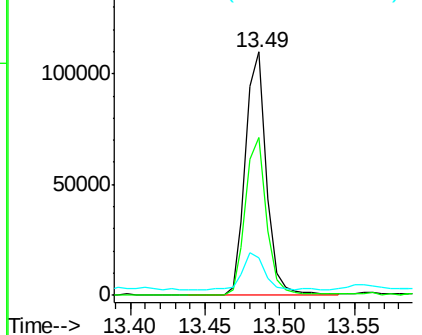
#81
 3,3'-Dichlorobenzidine
 Concen: 28.96 ng
 RT: 13.49 min Scan# 1989
 Delta R.T. -0.01 min
 Lab File: BF097528.D
 Acq: 9 Aug 2017 21:06

Instrument :
 BNA_F
 ClientSampleId :
 E2-L9-SSWMS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.5	77.3
126	15.3	15.8	23.8#

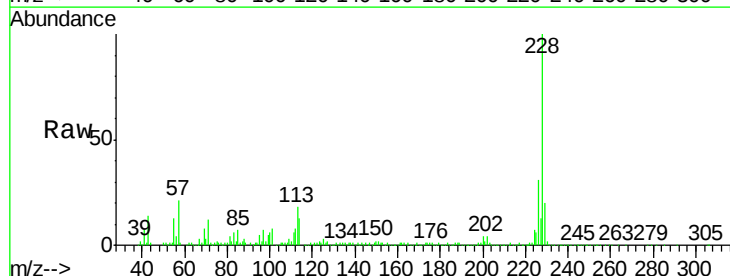


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

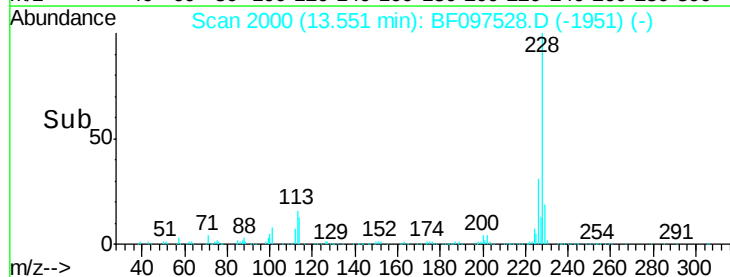
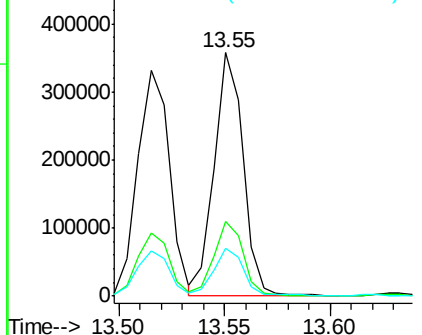


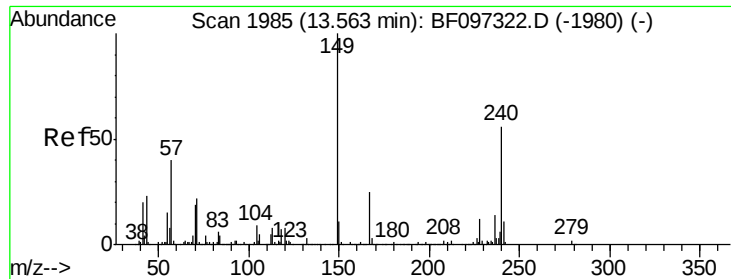
#82
 Chrysene
 Concen: 35.16 ng
 RT: 13.55 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF097528.D
 Acq: 9 Aug 2017 21:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	19.7	15.8	23.6



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

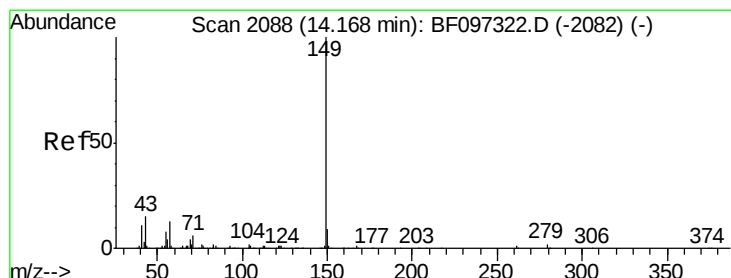
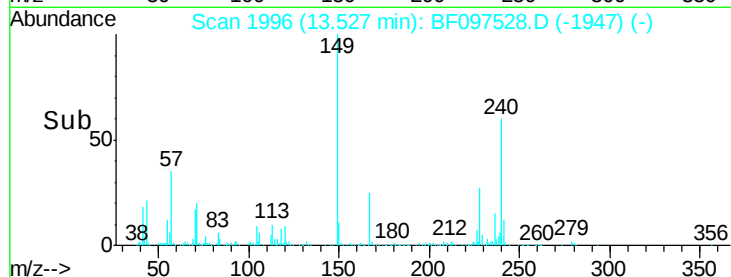
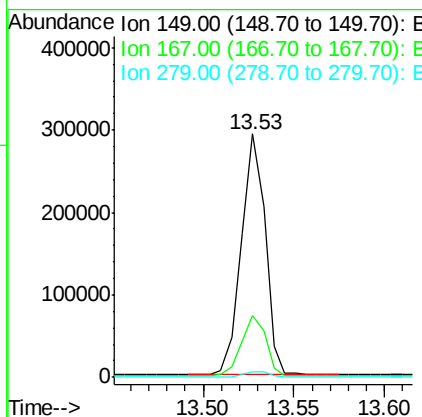
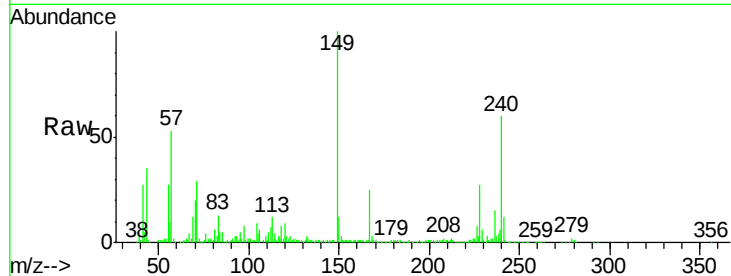




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.30 ng
 RT: 13.53 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF097528.D
 Acq: 9 Aug 2017 21:06

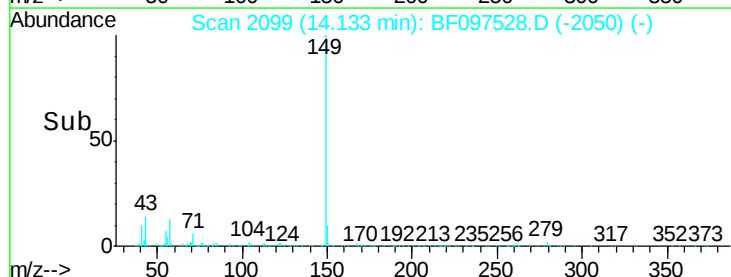
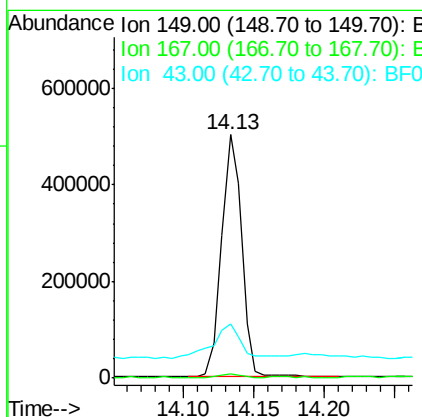
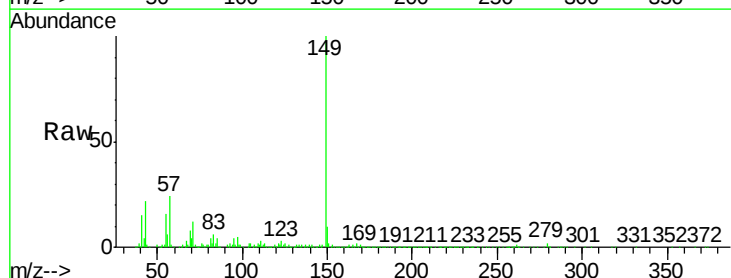
Instrument :
 BNA_F
 ClientSampleId :
 E2-L9-SSWMS

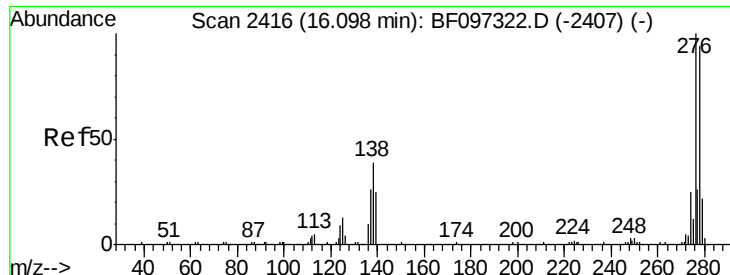
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.4	21.0	31.4
279	2.4	1.9	2.9



#84
 Di-n-octyl phthalate
 Concen: 32.33 ng
 RT: 14.13 min Scan# 2099
 Delta R.T. -0.01 min
 Lab File: BF097528.D
 Acq: 9 Aug 2017 21:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	20.5	8.5	12.7#





#85

Indeno(1,2,3-cd)pyrene

Concen: 47.24 ng

RT: 16.05 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BF097528.D

Acq: 9 Aug 2017 21:06

Instrument :

BNA_F

ClientSampleId :

E2-L9-SSWMS

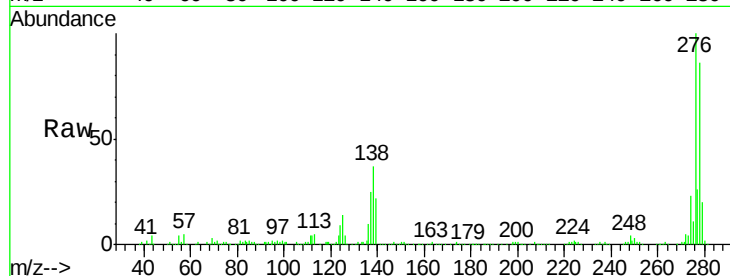
Tot Ion:276 Resp: 391477

Ion Ratio Lower Upper

276 100

138 36.9 27.8 41.6

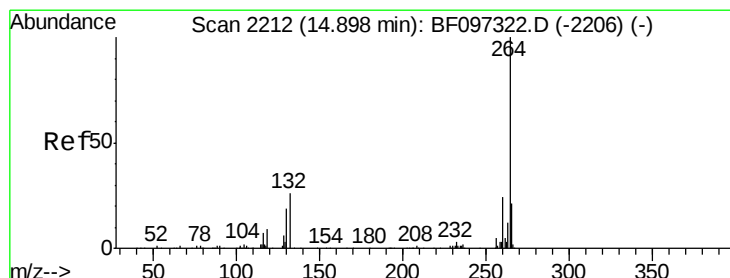
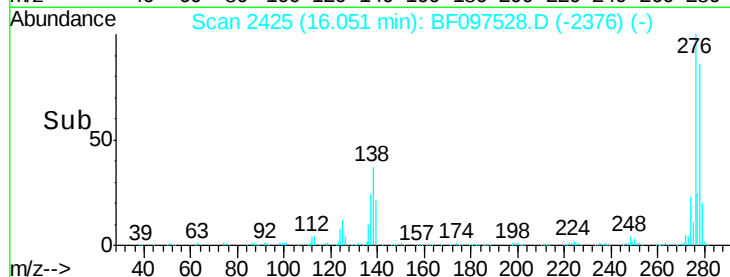
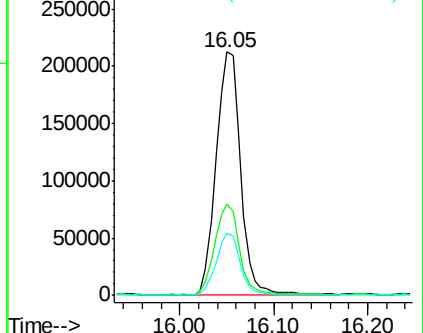
277 24.4 20.2 30.4



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: 14.86 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF097528.D

Acq: 9 Aug 2017 21:06

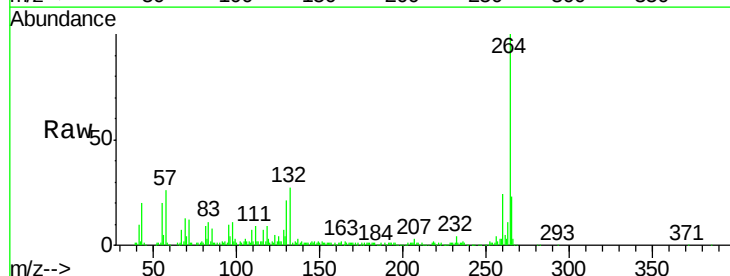
Tgt Ion:264 Resp: 163534

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

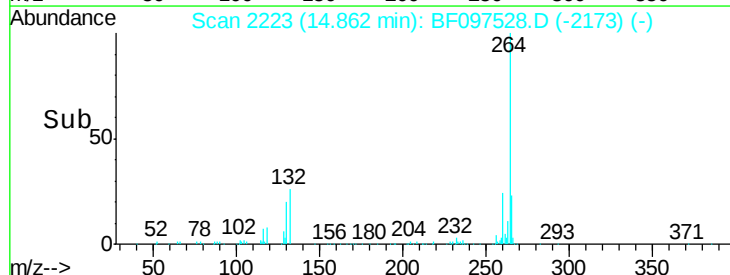
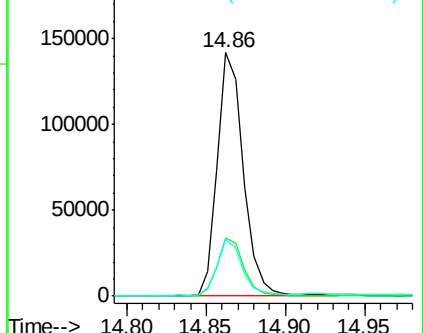
265 23.3 17.2 25.8

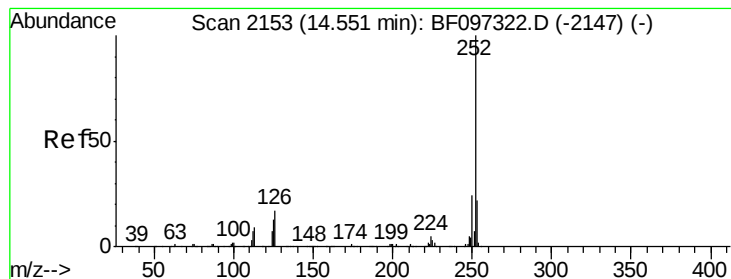


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 32.85 ng

RT: 14.52 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BF097528.D

Acq: 9 Aug 2017 21:06

Instrument :

BNA_F

ClientSampleId :

E2-L9-SSWMS

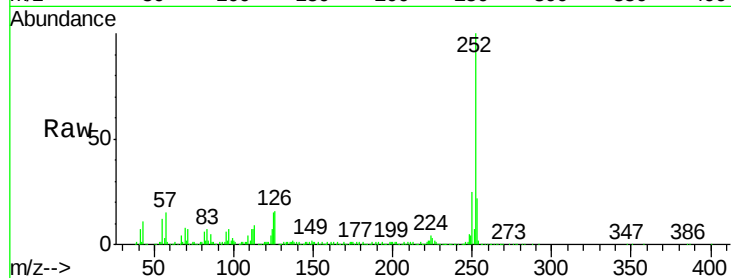
Tot Ion:252 Resp: 322956

Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

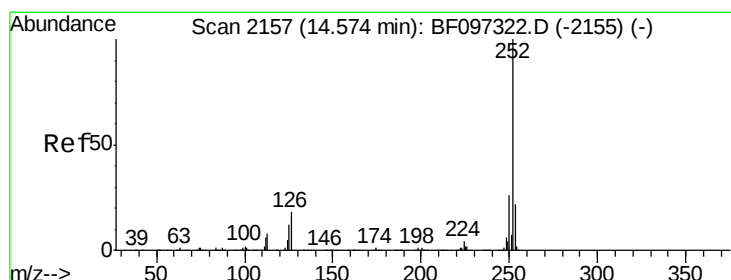
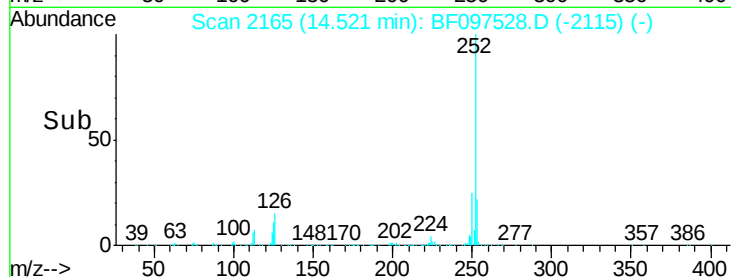
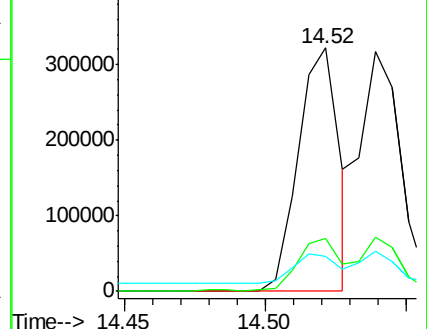
125 14.5 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 26.97 ng

RT: 14.54 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BF097528.D

Acq: 9 Aug 2017 21:06

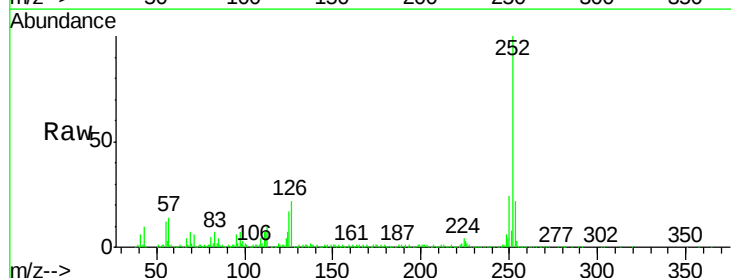
Tgt Ion:252 Resp: 252635

Ion Ratio Lower Upper

252 100

253 22.5 18.4 27.6

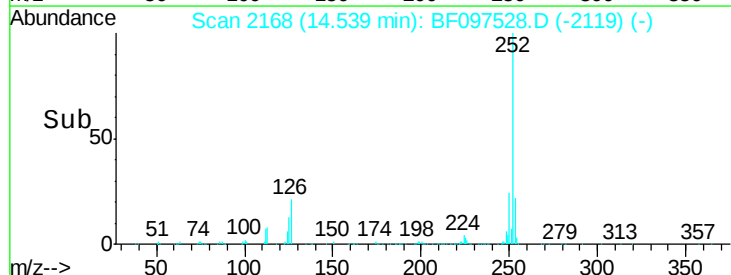
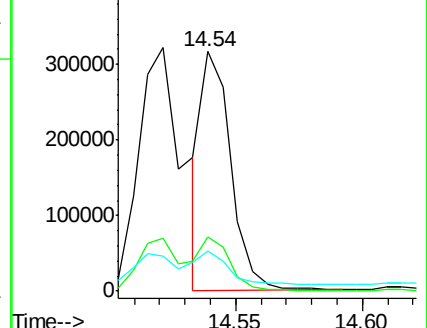
125 16.6 13.1 19.7

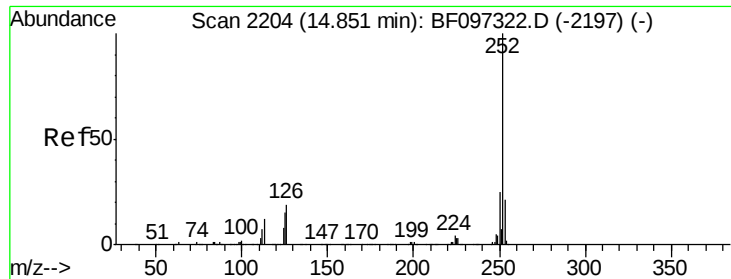


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

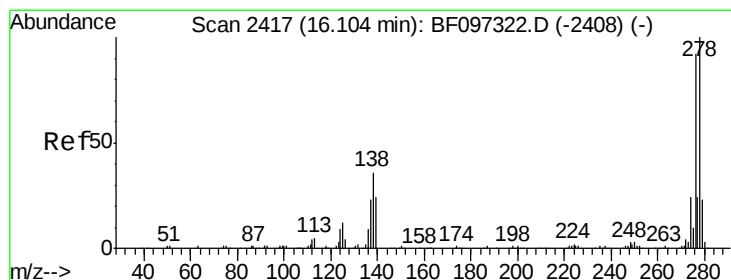
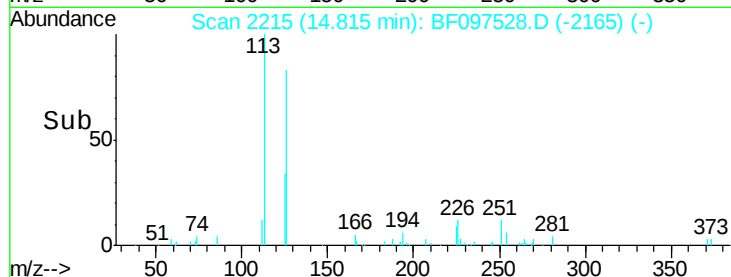
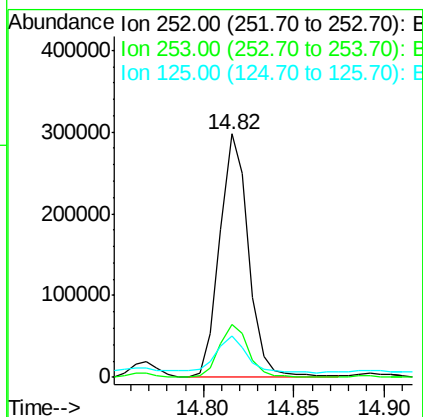
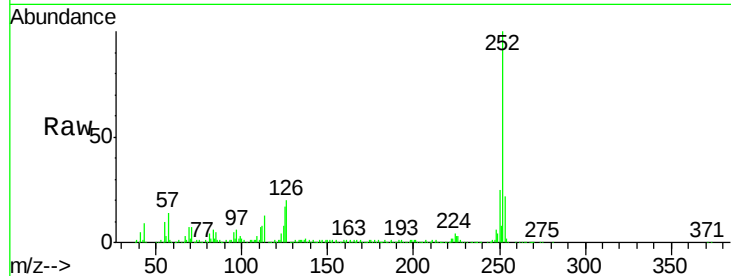




#89
Benzo(a)pyrene
Concen: 36.30 ng
RT: 14.82 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF097528.D
Acq: 9 Aug 2017 21:06

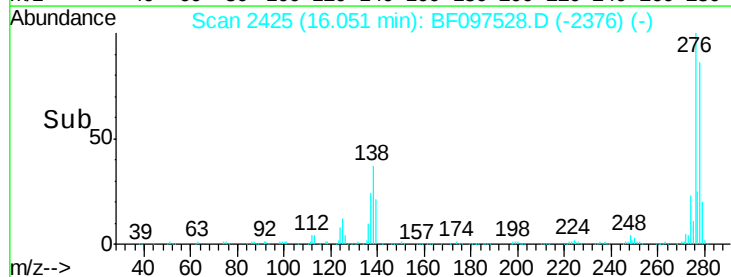
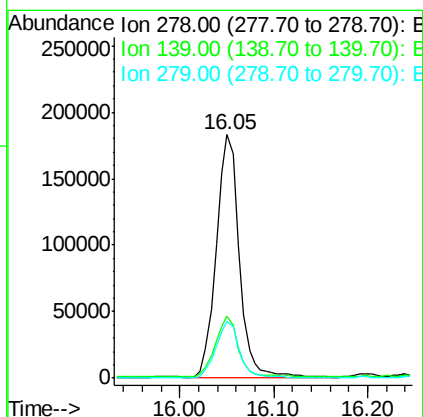
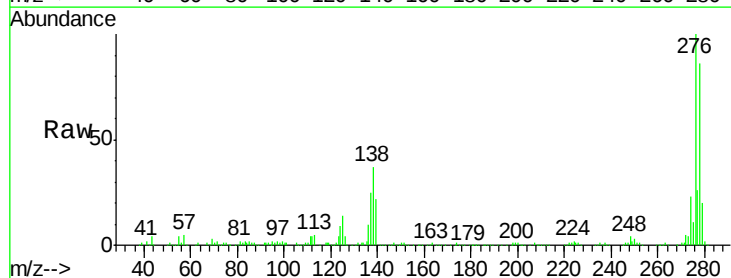
Instrument :
BNA_F
ClientSampleId :
E2-L9-SSWMS

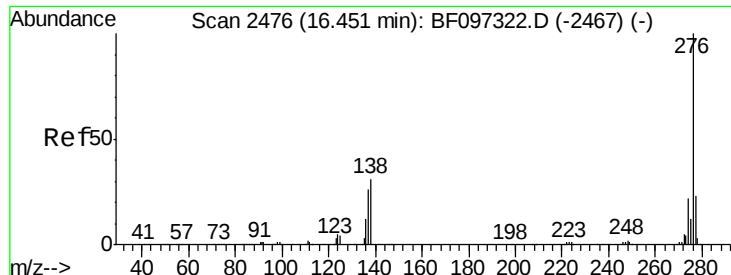
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	17.1	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 42.40 ng
RT: 16.05 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BF097528.D
Acq: 9 Aug 2017 21:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.5	16.6	24.8
279	23.1	19.3	28.9

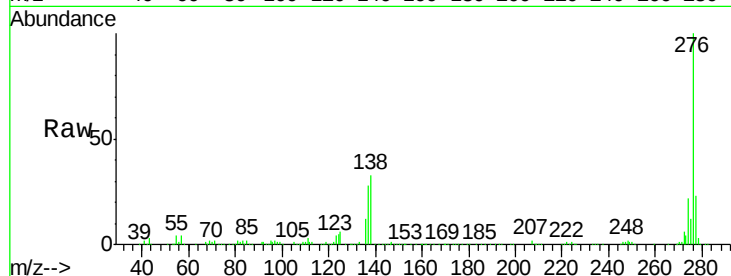




#91
 Benzo(a,h,i)perylene
 Concen: 46.32 ng
 RT: 16.40 min Scan# 2484
 Delta R.T. -0.01 min
 Lab File: BF097528.D
 Acq: 9 Aug 2017 21:06

Instrument :
 BNA_F
 ClientSampleId :
 E2-L9-SSWMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.6	28.0
138	32.8	25.4	38.0



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

