

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110118\
 Data File : BE098150.D
 Acq On : 1 Nov 2018 17:26
 Operator : SJ/JU
 Sample : J5690-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 02 02:39:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE110118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 13:00:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	49635	0.40	ng	-0.01
7) Naphthalene-d8	10.67	136	231315	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	159888	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	378783	0.40	ng	0.00
27) Chrysene-d12	21.46	240	428842	0.40	ng	0.00
34) Perylene-d12	24.02	264	432279	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	164808	1.12	ng	0.00
5) Phenol-d6	7.04	99	165761	0.68	ng	-0.01
8) Nitrobenzene-d5	9.03	82	435326	1.75	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	54	0.00	ng	-0.03
14) 2,4,6-Tribromophenol	16.03	330	214633	2.83	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	934736	1.42	ng	0.00
25) Fluoranthene-d10	19.30	212	48	0.00	ng	-0.01
29) Terphenyl-d14	19.92	244	1502587	1.51	ng	0.00

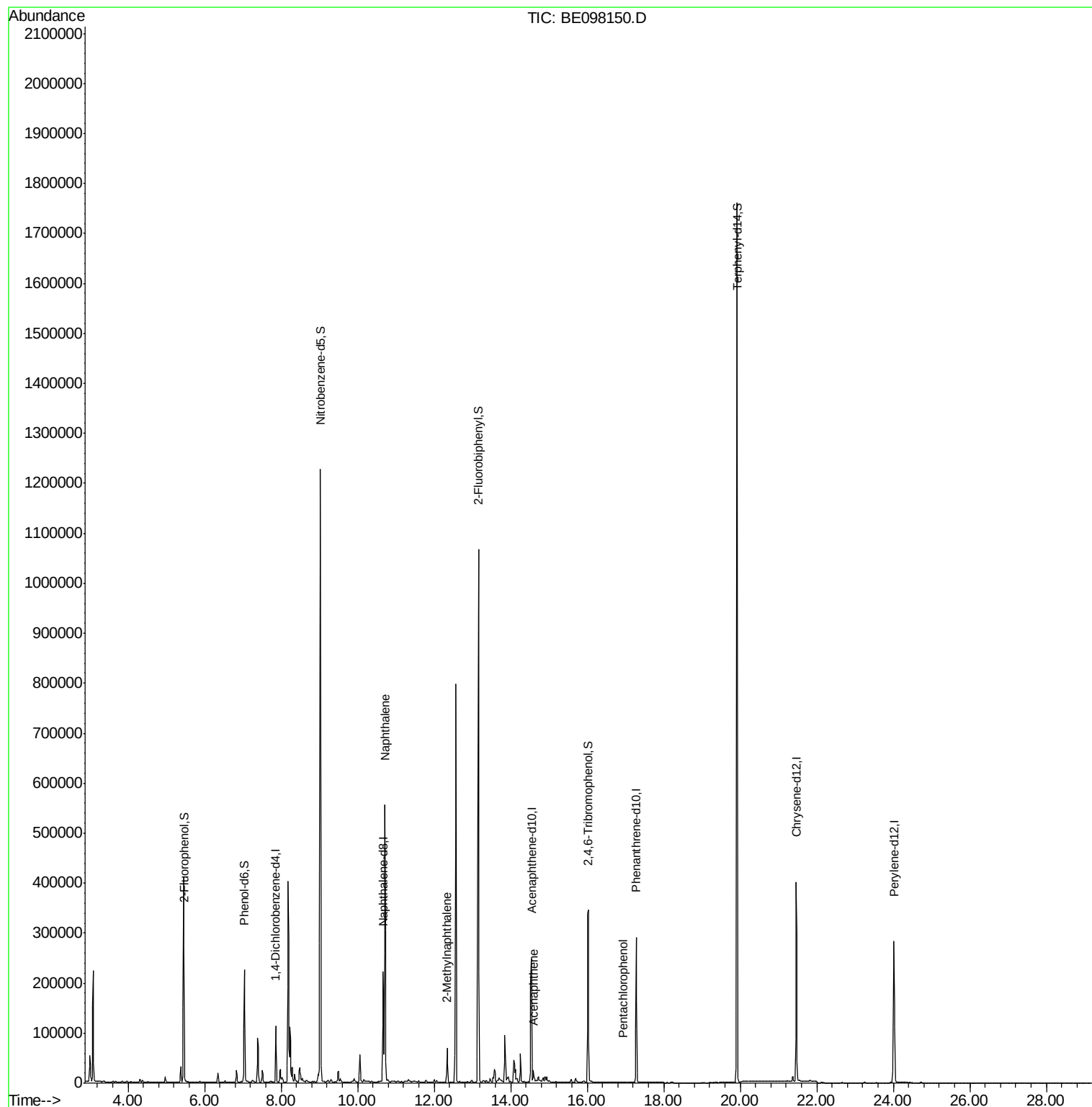
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Naphthalene	10.72	128	847586	0.367	ng	100
12) 2-Methylnaphthalene	12.34	142	43682	0.106	ng	# 92
17) Acenaphthene	14.60	154	11730	0.027	ng	97
22) Pentachlorophenol	16.94	266	22	0.134	ng	# 62
32) Bis(2-ethylhexyl)phthalate	21.37	149	14139	Below Cal		99

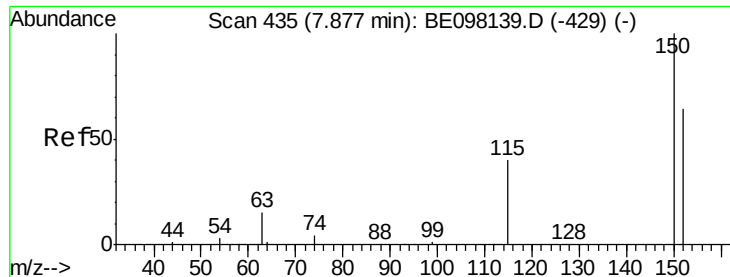
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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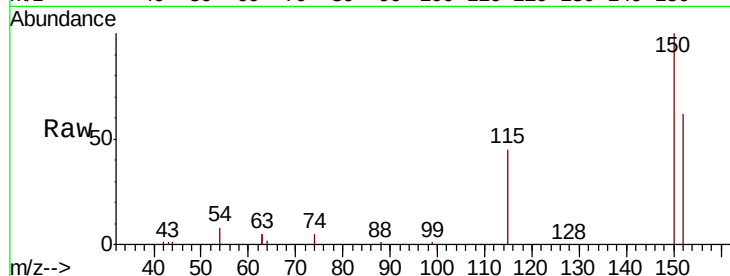


#1

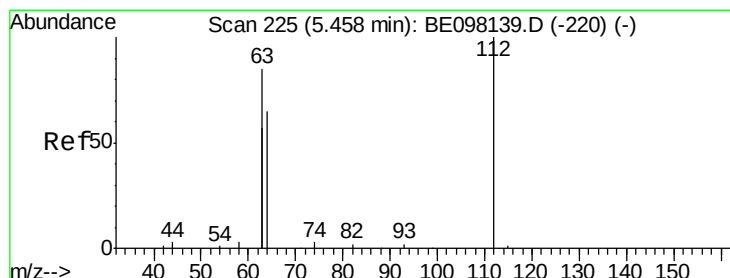
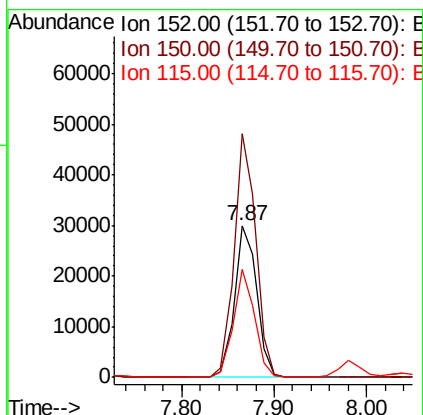
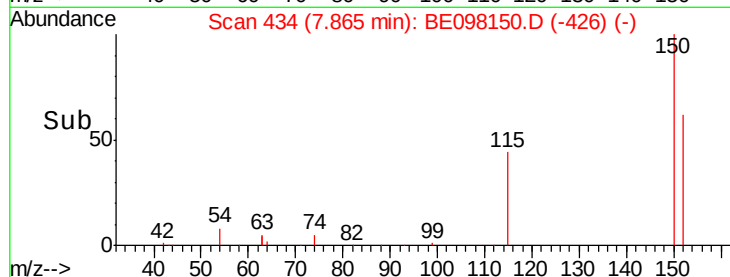
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 434
Delta R.T. -0.01 min
Lab File: BE098150.D
Acq: 1 Nov 2018 17:26

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 49635
Ion Ratio Lower Upper
152 100
150 160.7 118.2 177.4
115 71.6 50.9 76.3



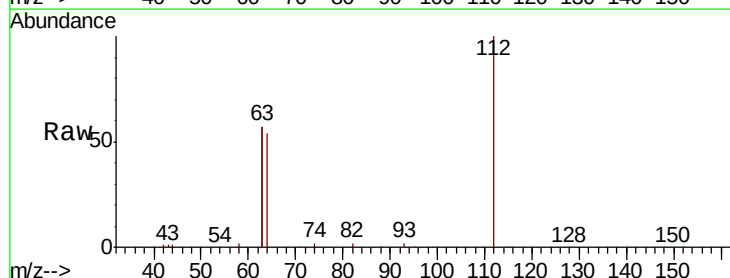
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



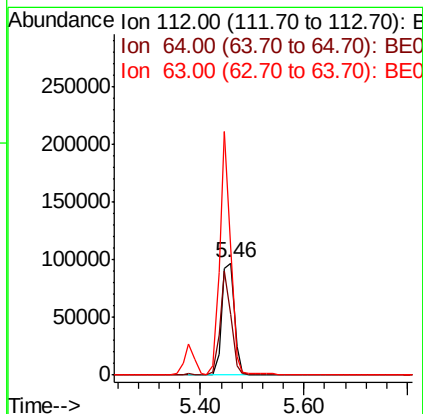
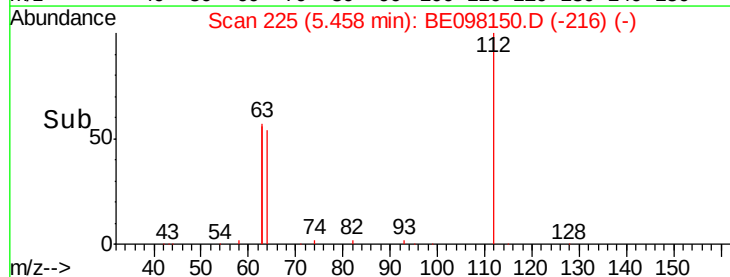
#4

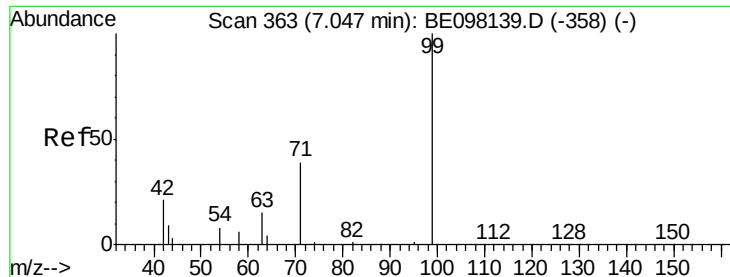
2-Fluorophenol
Concen: 1.119 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.00 min
Lab File: BE098150.D
Acq: 1 Nov 2018 17:26

Tgt Ion:112 Resp: 164808
Ion Ratio Lower Upper
112 100
64 79.7 58.9 88.3
63 183.5 120.3 180.5#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.683 ng

RT: 7.04 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098150.D

Acq: 1 Nov 2018 17:26

Instrument :

BNA_E

ClientSampleId :

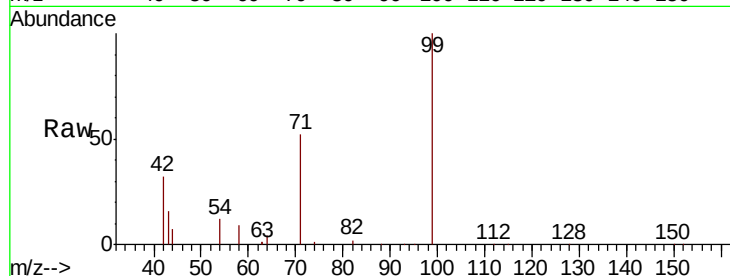
Tot Ion: 99 Resp: 165761

Ion Ratio Lower Upper

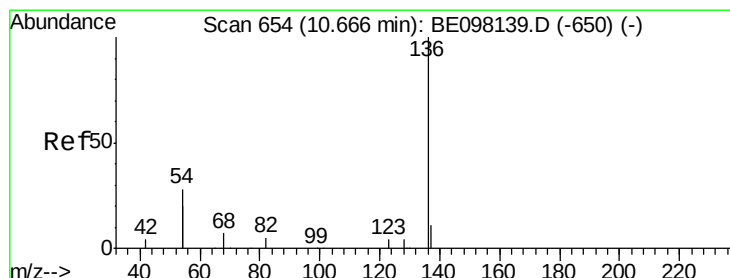
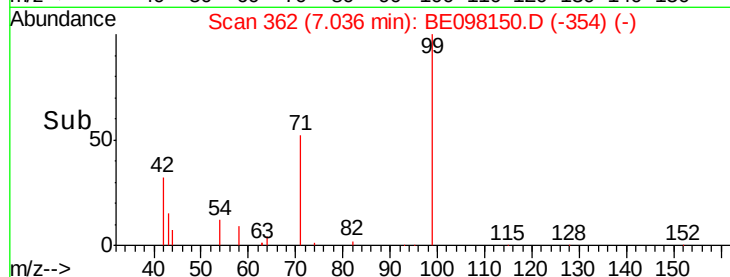
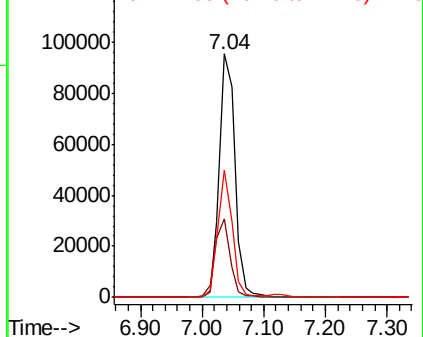
99 100

42 30.9 19.9 29.9#

71 47.4 27.8 41.8#



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098150.D

Acq: 1 Nov 2018 17:26

Tgt Ion: 136 Resp: 231315

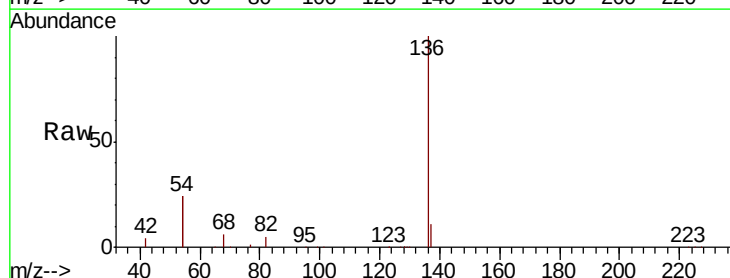
Ion Ratio Lower Upper

136 100

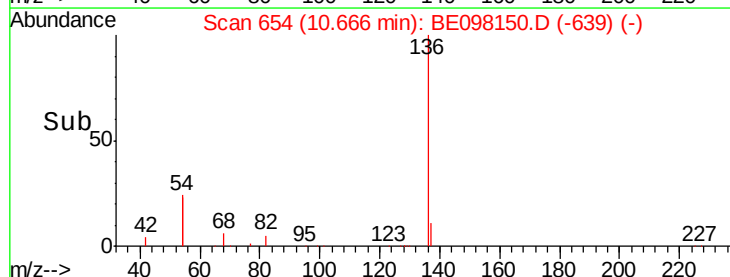
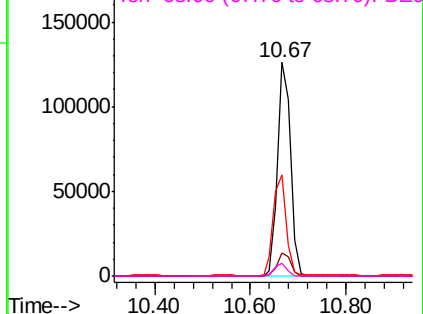
137 11.0 9.6 14.4

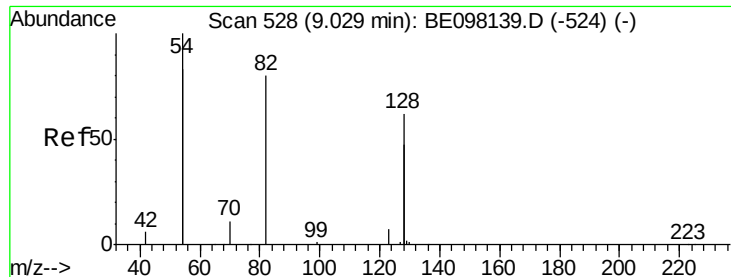
54 47.5 27.7 41.5#

68 6.1 5.3 7.9



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): BE0
Ion 68.00 (67.70 to 68.70): BE0

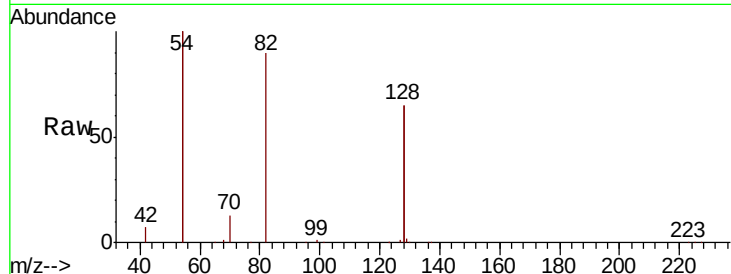




#8
 Nitrobenzene-d5
 Concen: 1.755 ng
 RT: 9.03 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: BE098150.D
 Acq: 1 Nov 2018 17:26

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	144.7	129.9	194.9
54	222.2	174.0	261.0

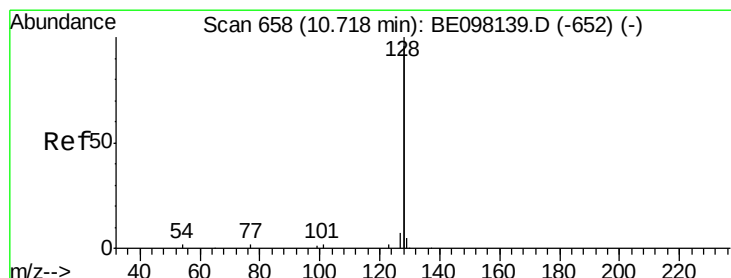
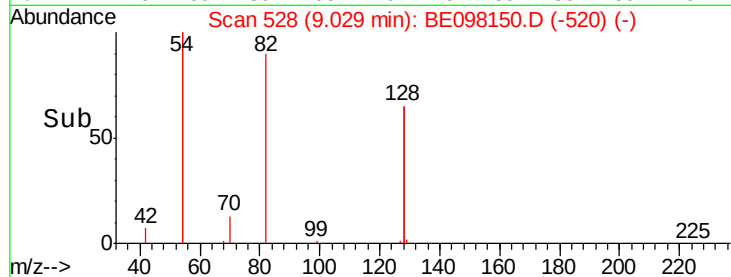
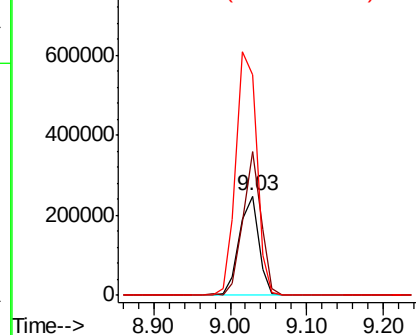


Abundance

Ion 82.00 (81.70 to 82.70): BE0

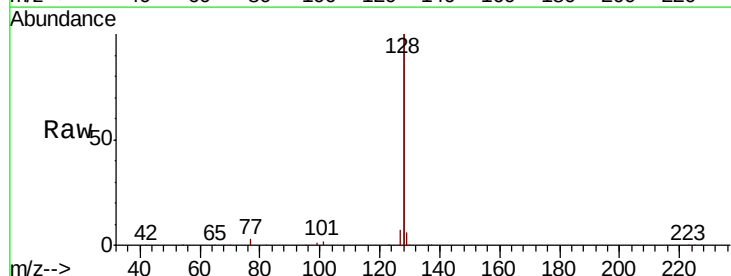
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



#9
 Naphthalene
 Concen: 0.367 ng
 RT: 10.72 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BE098150.D
 Acq: 1 Nov 2018 17:26

Tgt Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.5	3.7
127	3.5	2.8	4.2

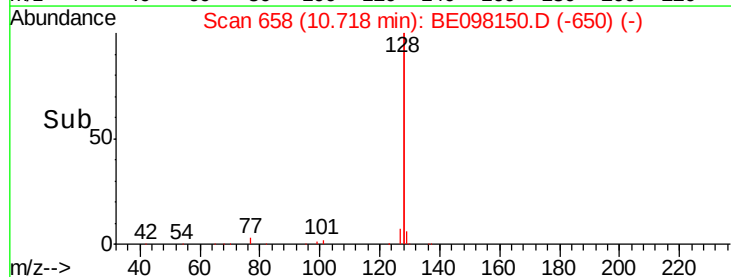
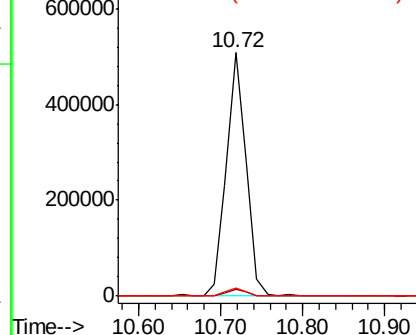


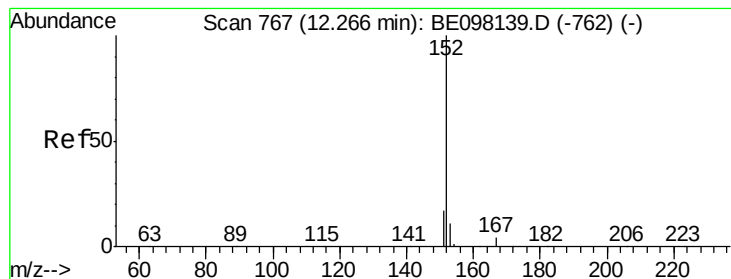
Abundance

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





#11

2-Methylnaphthalene-d10

Concen: 0.000 ng

RT: 12.24 min Scan# 765

Delta R.T. -0.03 min

Lab File: BE098150.D

Acq: 1 Nov 2018 17:26

Instrument :

BNA_E

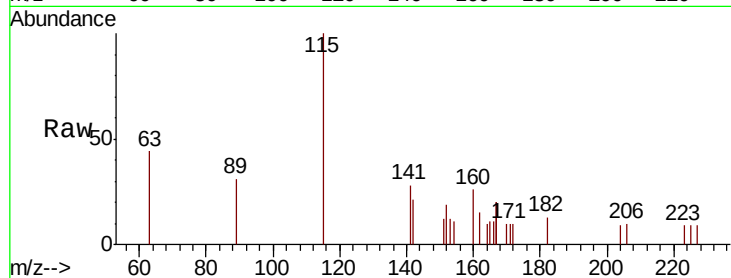
ClientSampled :

Tot Ion:152 Resp: 54

Ion Ratio Lower Upper

152 100

151 0.0 16.2 24.4#

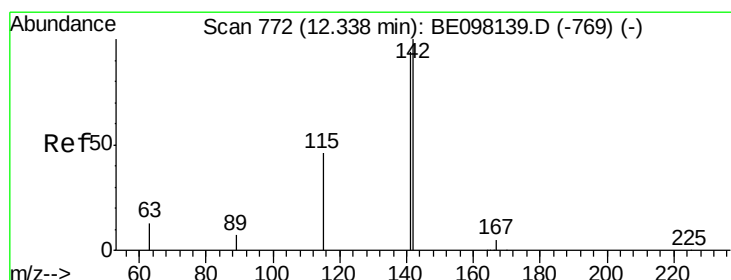
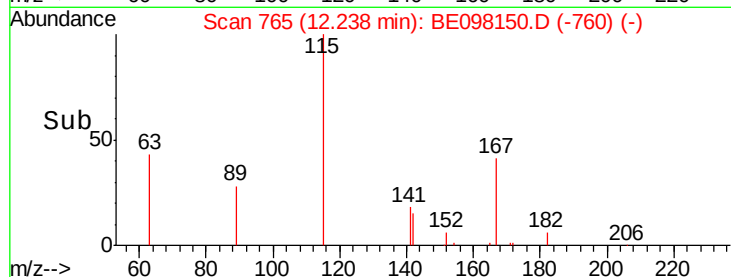


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.24

Time-->



#12

2-Methylnaphthalene

Concen: 0.106 ng

RT: 12.34 min Scan# 772

Delta R.T. 0.00 min

Lab File: BE098150.D

Acq: 1 Nov 2018 17:26

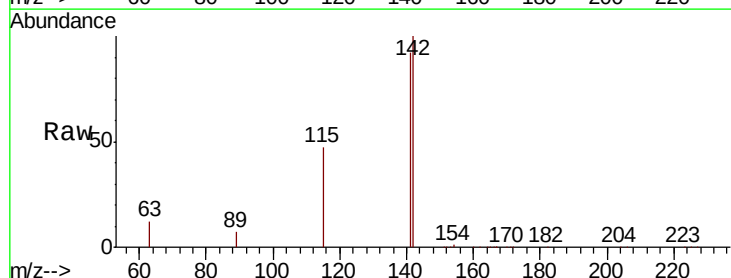
Tgt Ion:142 Resp: 43682

Ion Ratio Lower Upper

142 100

141 92.4 69.8 104.6

115 47.0 30.5 45.7#



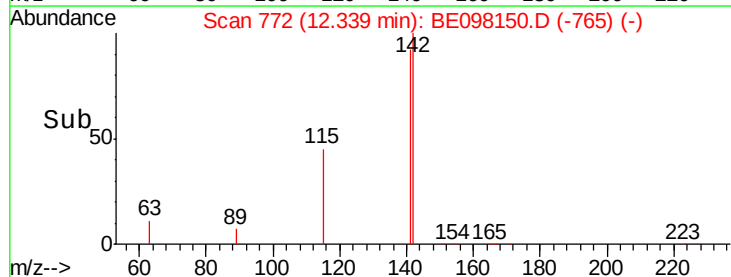
Abundance Ion 142.00 (141.70 to 142.70): E

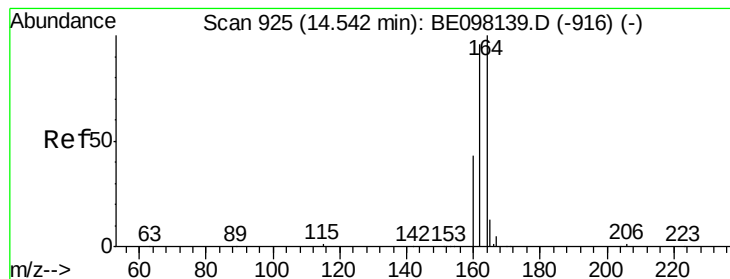
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.34

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 925

Delta R.T. 0.00 min

Lab File: BE098150.D

Acq: 1 Nov 2018 17:26

Instrument :

BNA_E

ClientSampleId :

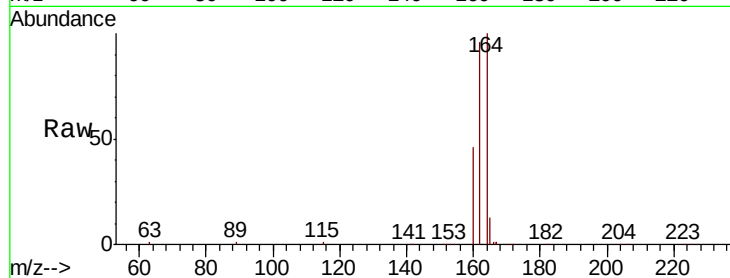
Tot Ion:164 Resp: 159888

Ion Ratio Lower Upper

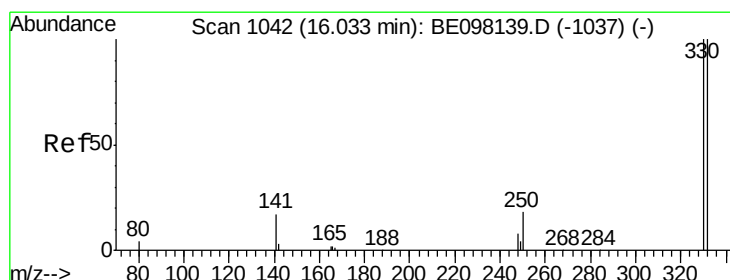
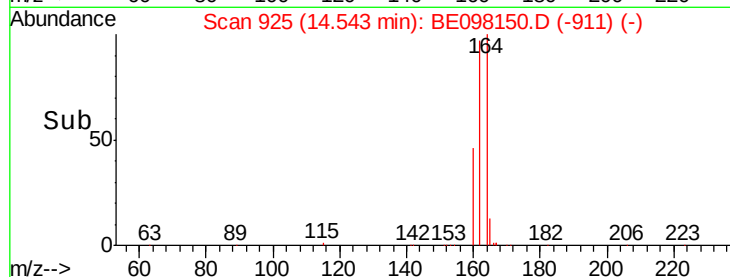
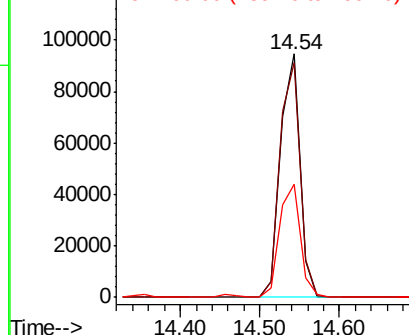
164 100

162 96.5 77.4 116.2

160 46.3 36.5 54.7



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



#14

2,4,6-Tribromophenol

Concen: 2.835 ng

RT: 16.03 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BE098150.D

Acq: 1 Nov 2018 17:26

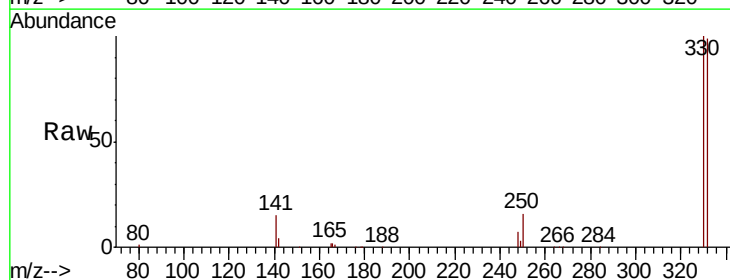
Tgt Ion:330 Resp: 214633

Ion Ratio Lower Upper

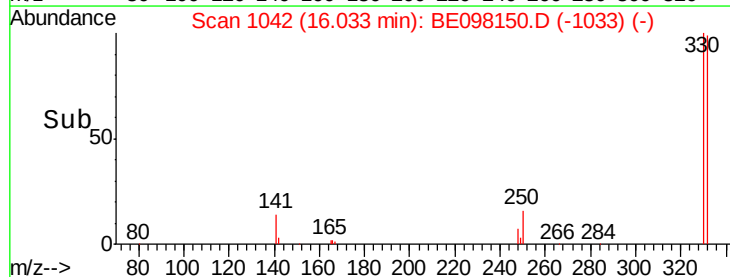
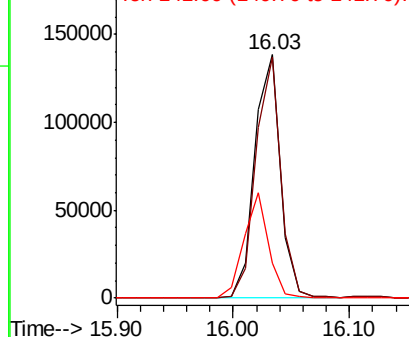
330 100

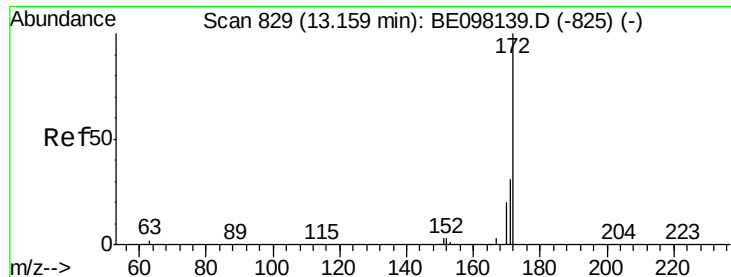
332 96.2 76.5 114.7

141 41.1 31.8 47.6



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

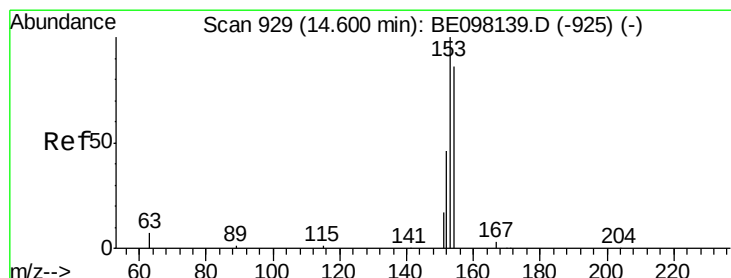
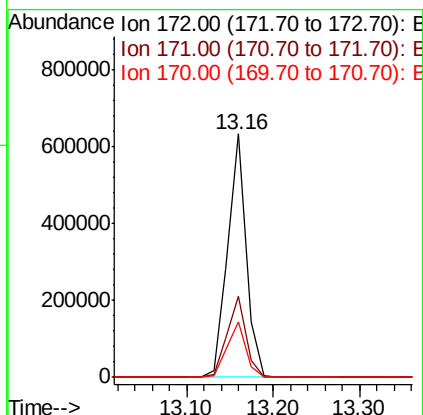
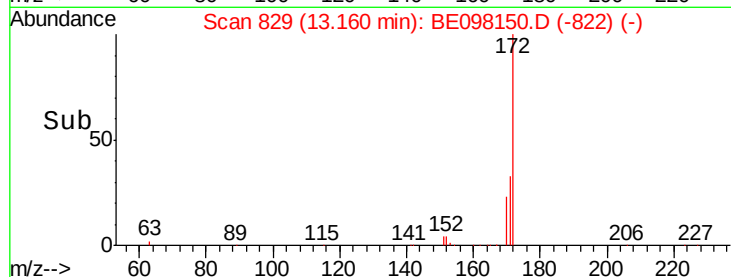
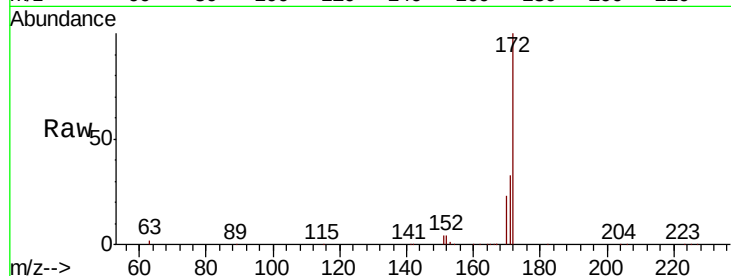




#15
2-Fluorobiphenyl
Concen: 1.422 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.00 min
Lab File: BE098150.D
Acq: 1 Nov 2018 17:26

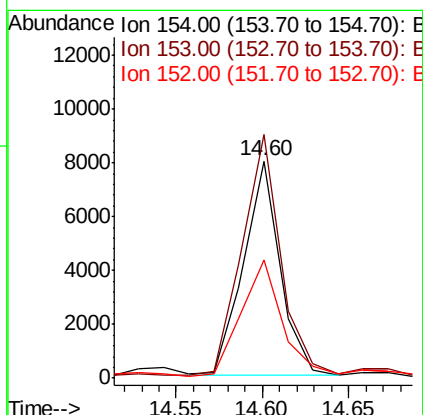
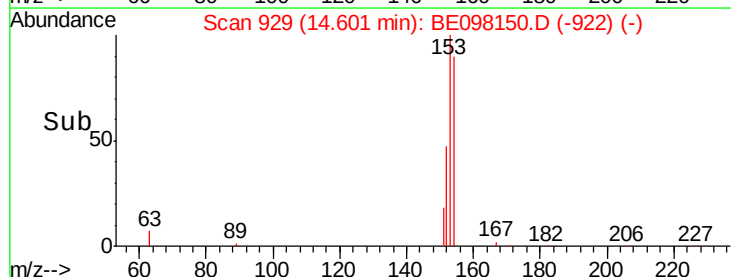
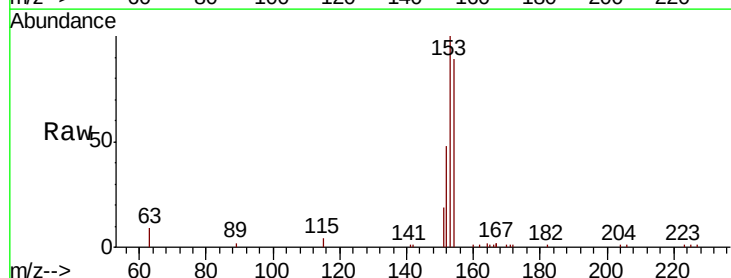
Instrument :
BNA_E
ClientSampleId :

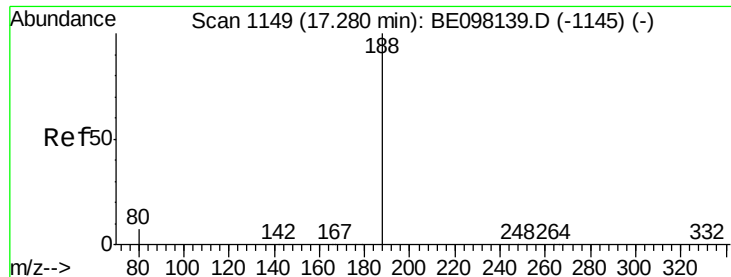
Tot Ion:172 Resp: 934736
Ion Ratio Lower Upper
172 100
171 33.5 26.0 39.0
170 22.5 18.0 27.0



#17
Acenaphthene
Concen: 0.027 ng
RT: 14.60 min Scan# 929
Delta R.T. 0.00 min
Lab File: BE098150.D
Acq: 1 Nov 2018 17:26

Tgt Ion:154 Resp: 11730
Ion Ratio Lower Upper
154 100
153 117.3 92.6 139.0
152 60.4 45.5 68.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.28 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BE098150.D

Acq: 1 Nov 2018 17:26

Instrument :

BNA_E

ClientSampleId :

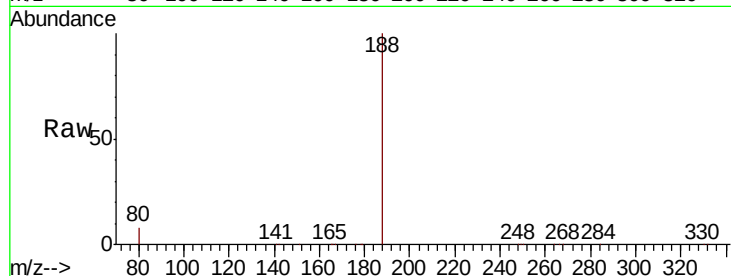
Tot Ion:188 Resp: 378783

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

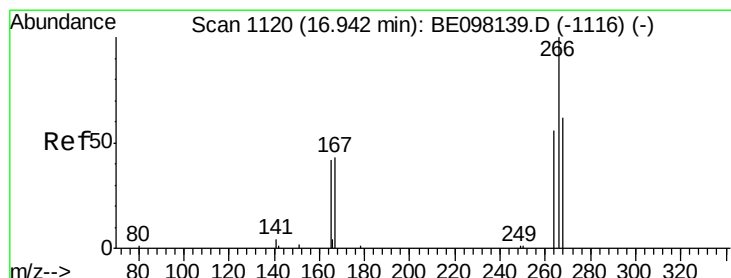
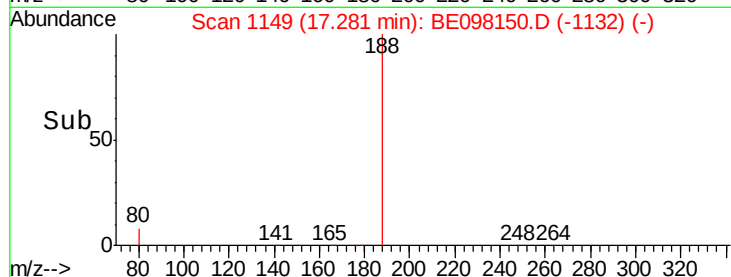
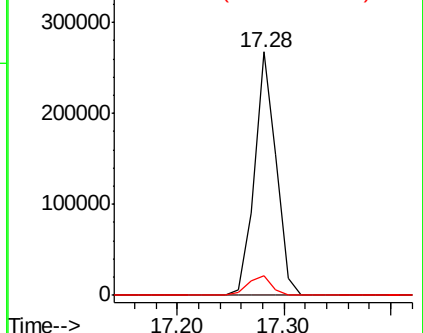
80 8.2 6.3 9.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#22

Pentachlorophenol

Concen: 0.134 ng

RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098150.D

Acq: 1 Nov 2018 17:26

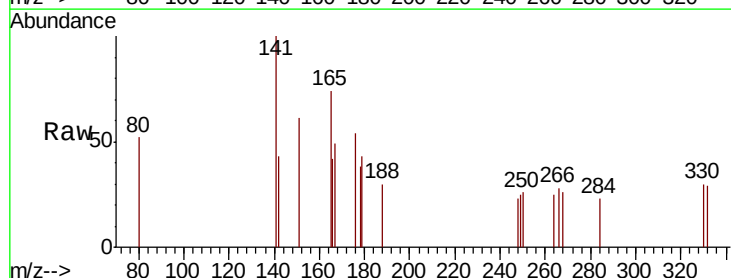
Tgt Ion:266 Resp: 22

Ion Ratio Lower Upper

266 100

264 91.2 51.3 76.9#

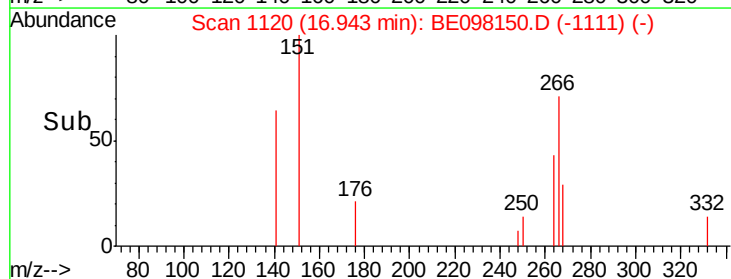
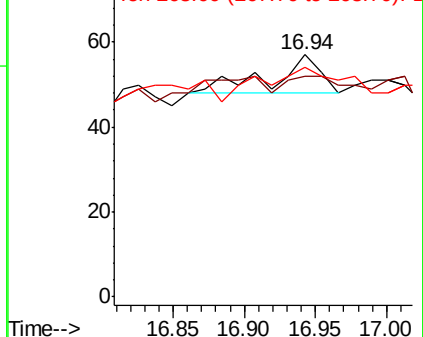
268 94.7 50.1 75.1#

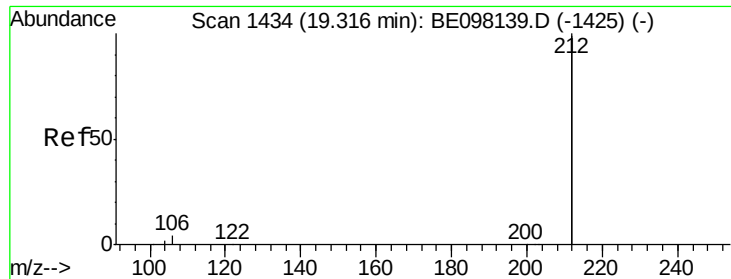


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.000 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE098150.D

Acq: 1 Nov 2018 17:26

Instrument :

BNA_E

ClientSampleId :

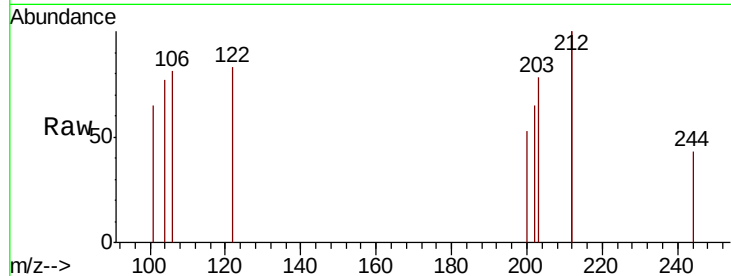
Tot Ion:212 Resp: 48

Ion Ratio Lower Upper

212 100

106 29.2 2.3 3.5#

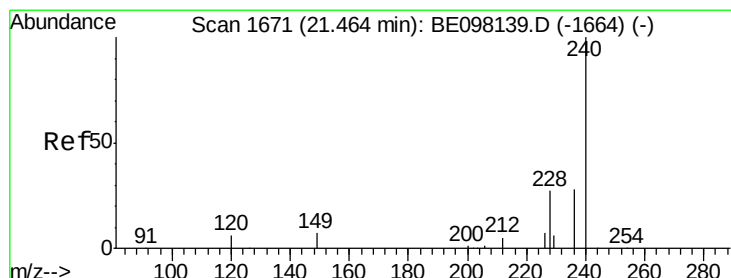
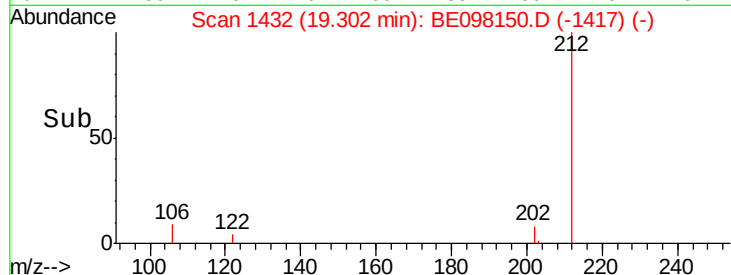
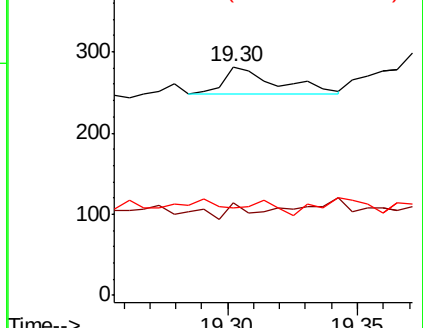
104 27.1 1.3 1.9#



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098150.D

Acq: 1 Nov 2018 17:26

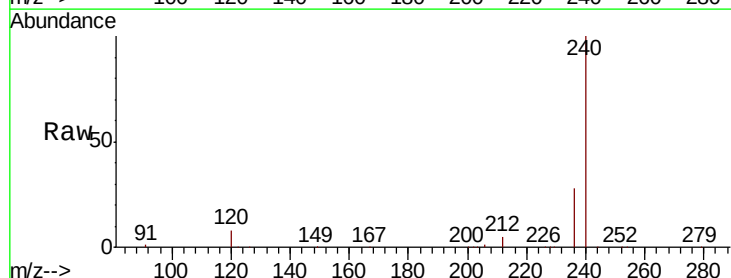
Tgt Ion:240 Resp: 428842

Ion Ratio Lower Upper

240 100

120 7.6 7.1 10.7

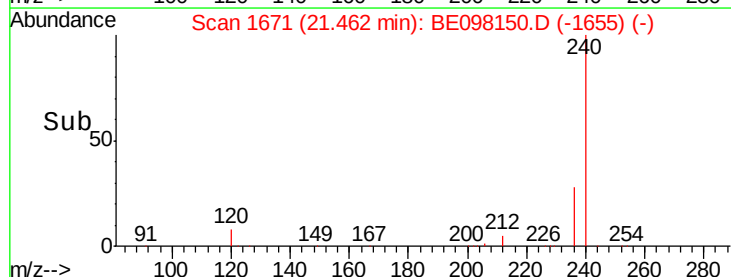
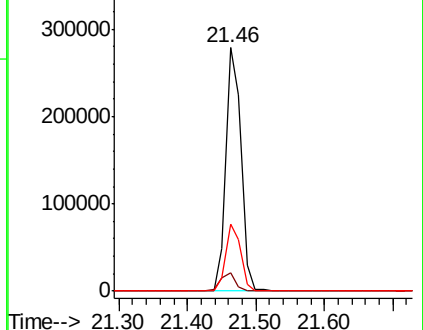
236 27.7 21.3 31.9

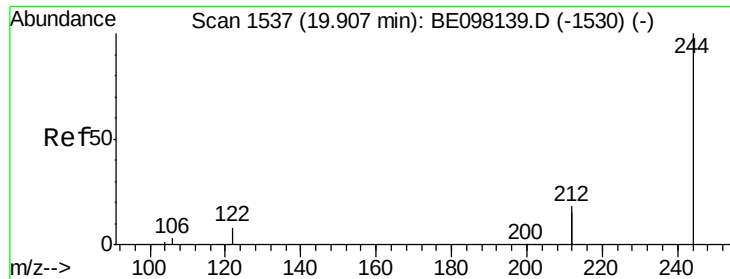


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 1.507 ng

RT: 19.92 min Scan# 1539

Delta R.T. 0.01 min

Lab File: BE098150.D

Acq: 1 Nov 2018 17:26

Instrument :

BNA_E

ClientSampleId :

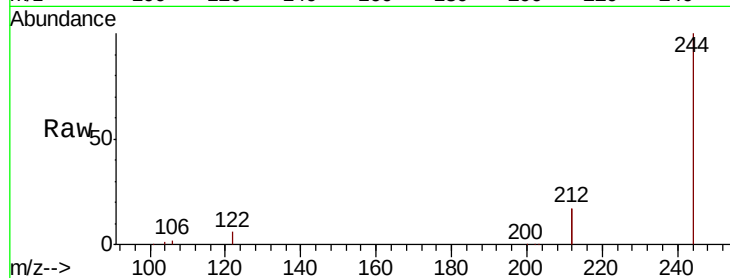
Tot Ion:244 Resp: 1502587

Ion Ratio Lower Upper

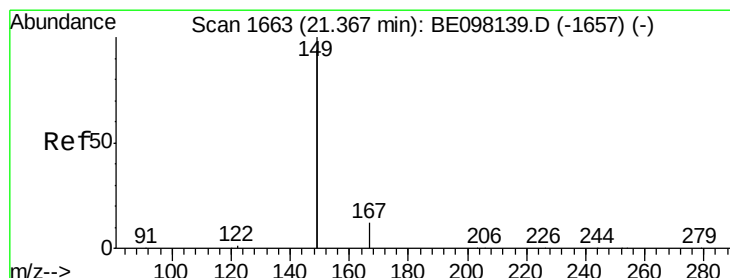
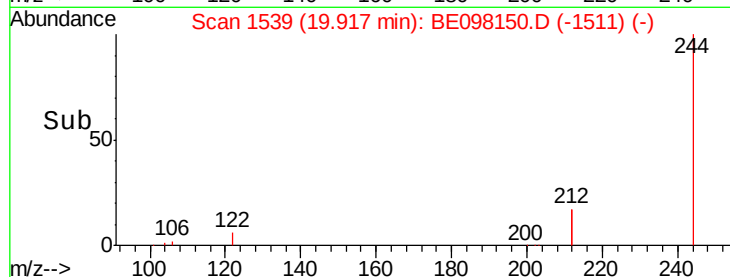
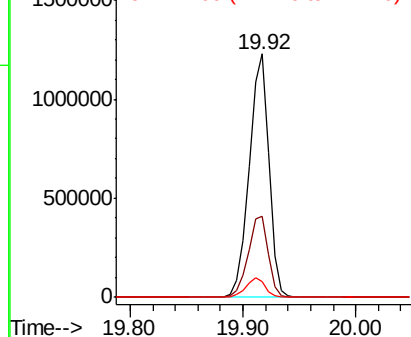
244 100

212 33.3 26.2 39.2

122 6.4 7.7 11.5#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: Below Cal

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098150.D

Acq: 1 Nov 2018 17:26

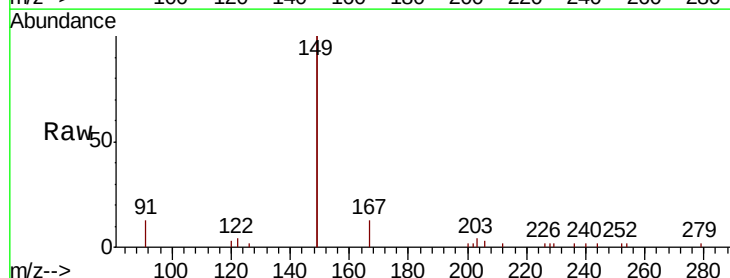
Tgt Ion:149 Resp: 14139

Ion Ratio Lower Upper

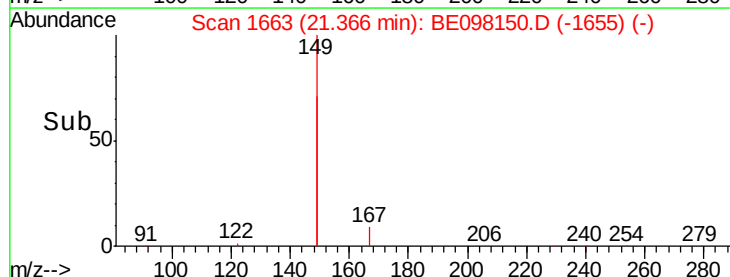
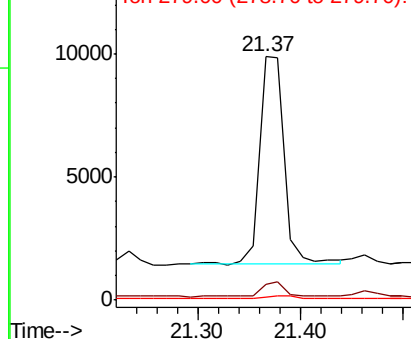
149 100

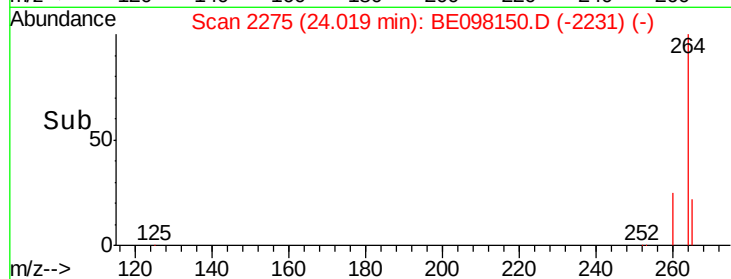
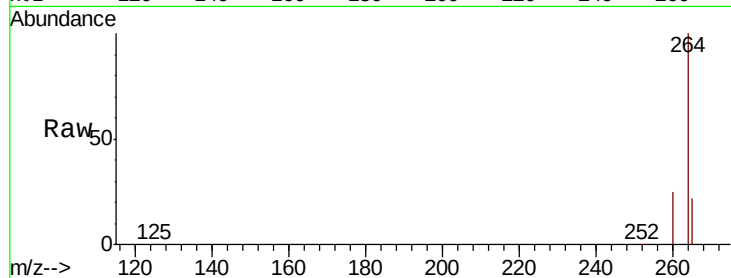
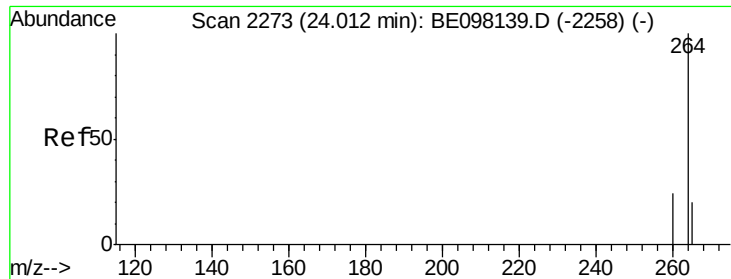
167 6.6 5.6 8.4

279 1.3 0.9 1.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#34
Pervlene-d12
Concen: 0.400 ng
RT: 24.02 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BE098150.D
Acq: 1 Nov 2018 17:26

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	21.1	31.7
265	21.7	29.2	43.8

