

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110818\
 Data File : BE098175.D
 Acq On : 7 Nov 2018 15:52
 Operator : SJ/JU
 Sample : J5820-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 07 16:27:25 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

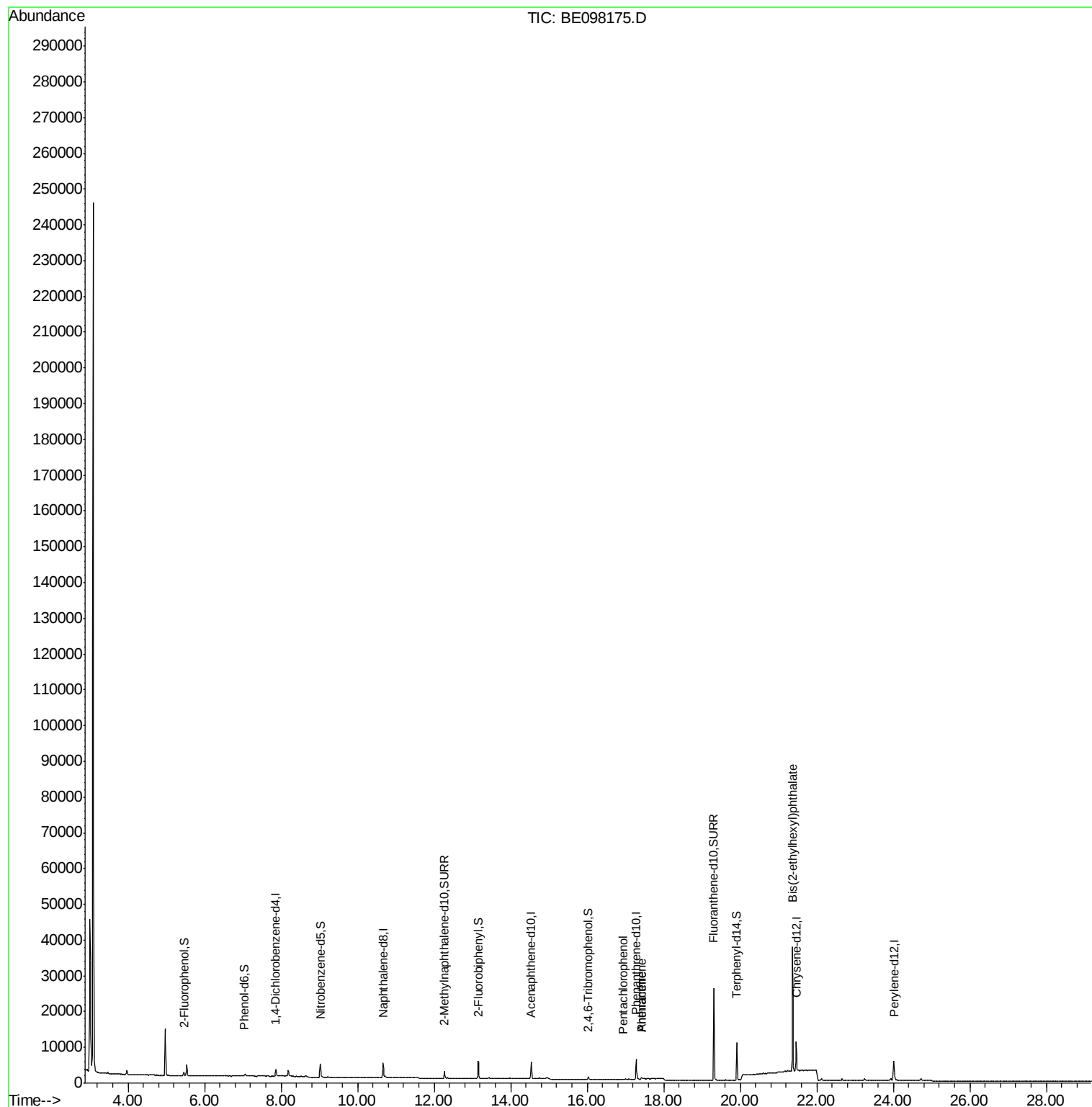
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	969	0.40	ng	-0.01
7) Naphthalene-d8	10.67	136	4657	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3103	0.40	ng	-0.01
19) Phenanthrene-d10	17.28	188	7301	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8202	0.40	ng	0.00
34) Perylene-d12	24.01	264	8099	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	470	0.16	ng	0.00
5) Phenol-d6	7.04	99	408	0.09	ng	0.00
8) Nitrobenzene-d5	9.03	82	1692	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	2763	0.34	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	518	0.35	ng	-0.01
15) 2-Fluorobiphenyl	13.16	172	5541	0.43	ng	0.00
25) Fluoranthene-d10	19.31	212	34278	0.36	ng	0.00
29) Terphenyl-d14	19.91	244	9032	0.47	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.94	266	16	0.146	ng	Qvalue # 59
23) Phenanthrene	17.42	178	860	0.048	ng	94
24) Anthracene	17.42	178	839	0.049	ng	# 93
32) Bis(2-ethylhexyl)phthalate	21.37	149	40704	0.619	ng	100

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

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QLast Update : Thu Nov 01 13:00:52 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.01 min

Lab File: BE098175.D

Acq: 7 Nov 2018 15:52

Instrument :

BNA_E

ClientSampled :

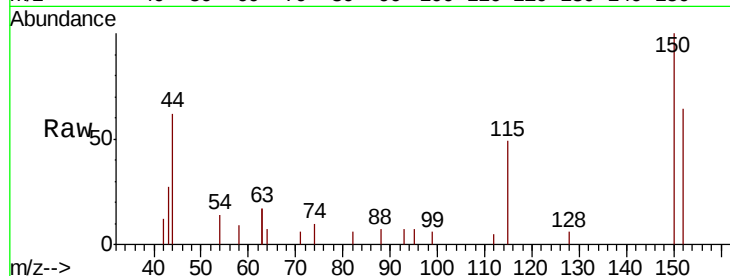
Tot Ion:152 Resp: 969

Ion Ratio Lower Upper

152 100

150 156.0 118.2 177.4

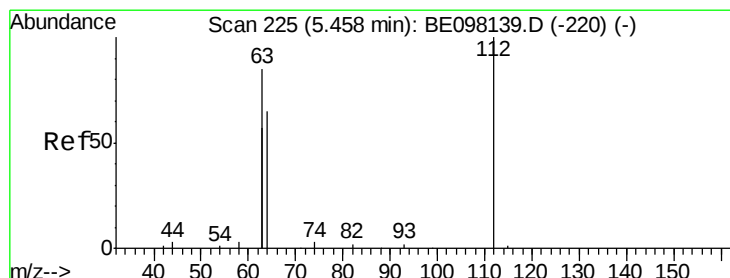
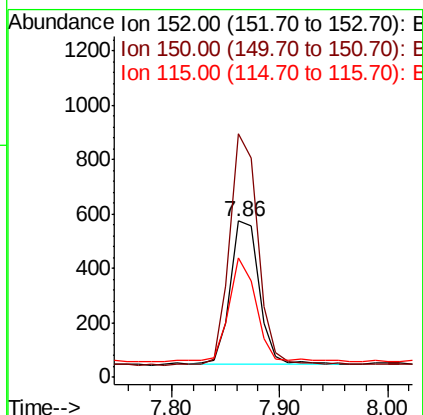
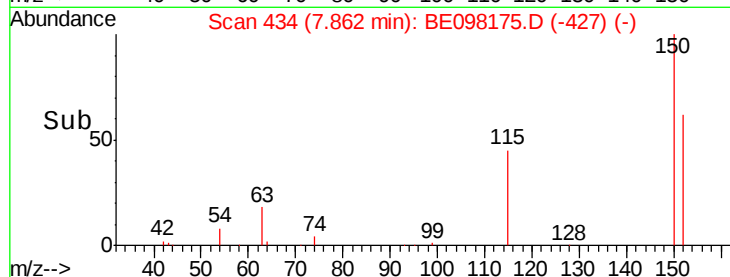
115 77.0 50.9 76.3#



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: 0.163 ng

RT: 5.45 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE098175.D

Acq: 7 Nov 2018 15:52

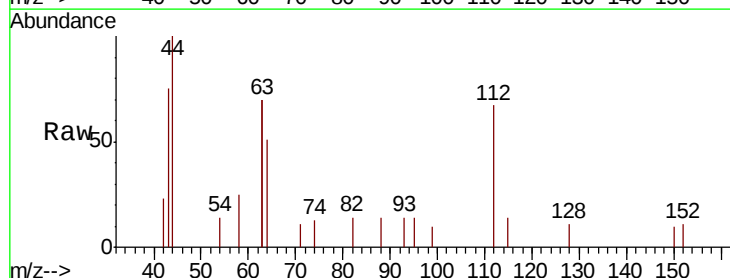
Tgt Ion:112 Resp: 470

Ion Ratio Lower Upper

112 100

64 81.5 58.9 88.3

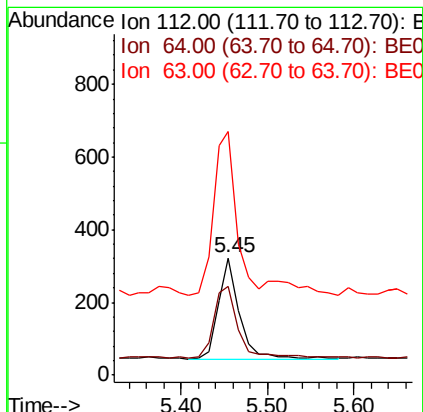
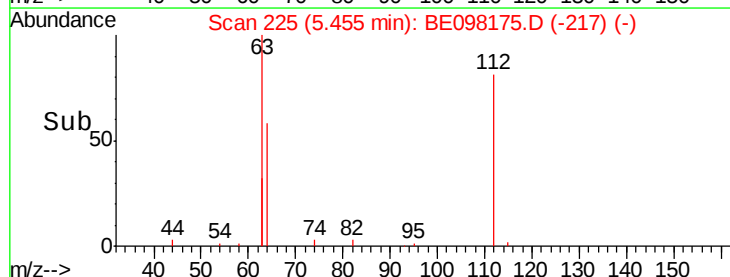
63 173.4 120.3 180.5

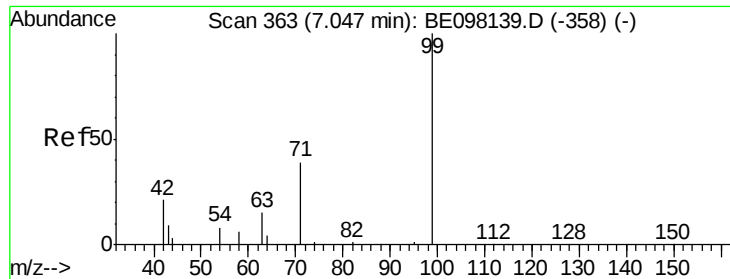


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.086 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098175.D

Acq: 7 Nov 2018 15:52

Instrument :

BNA_E

ClientSampleId :

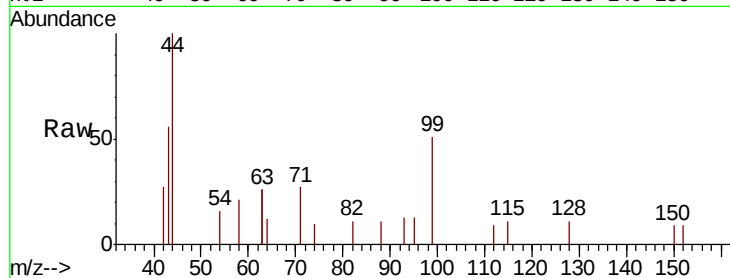
Tot Ion: 99 Resp: 408

Ion Ratio Lower Upper

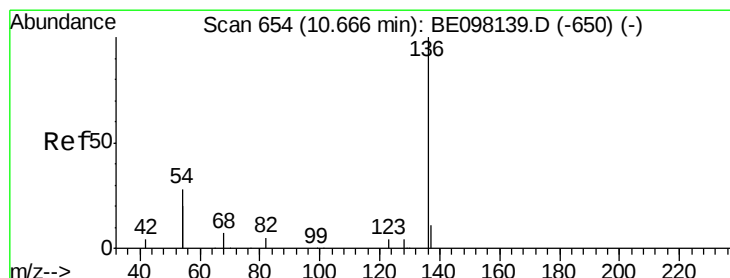
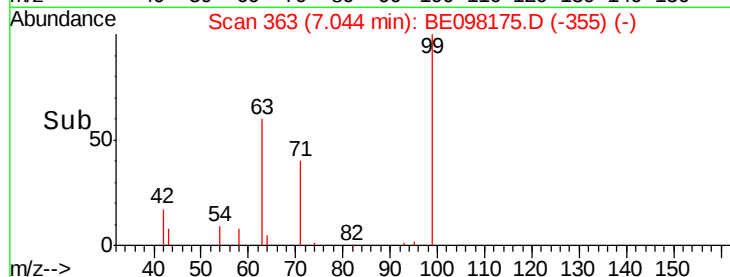
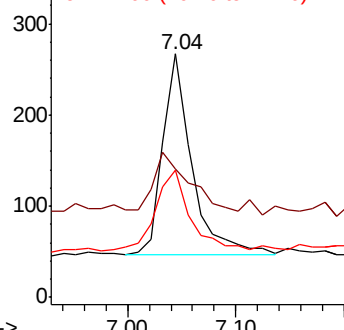
99 100

42 34.3 19.9 29.9#

71 48.3 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: BE098175.D

Acq: 7 Nov 2018 15:52

Tgt Ion: 136 Resp: 4657

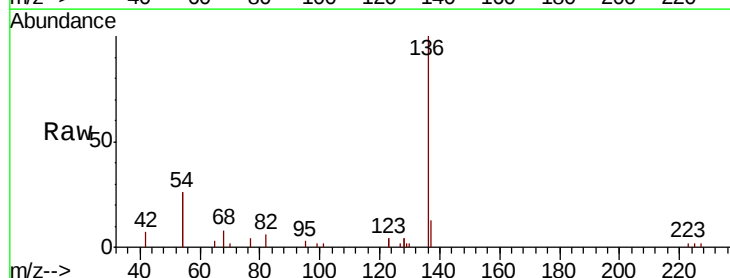
Ion Ratio Lower Upper

136 100

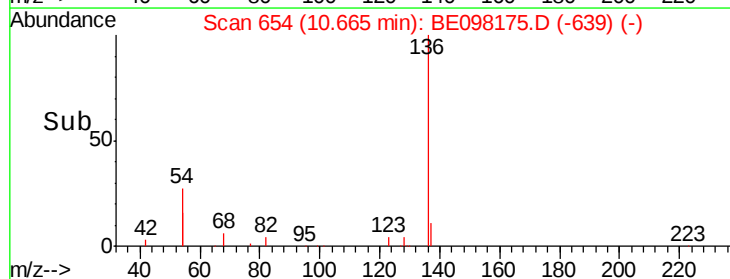
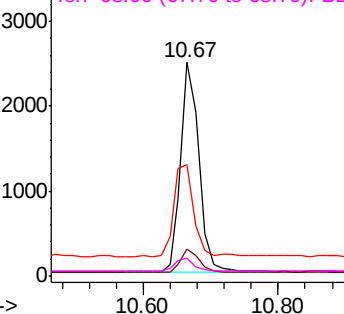
137 12.6 9.6 14.4

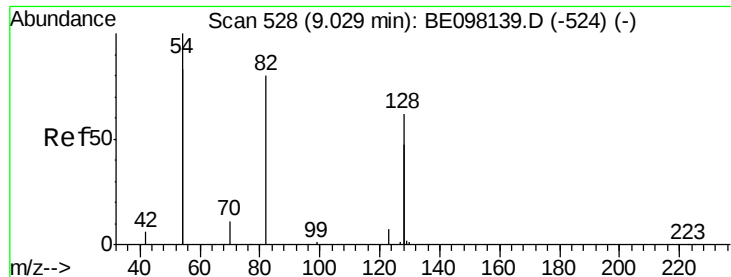
54 52.2 27.7 41.5#

68 8.4 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

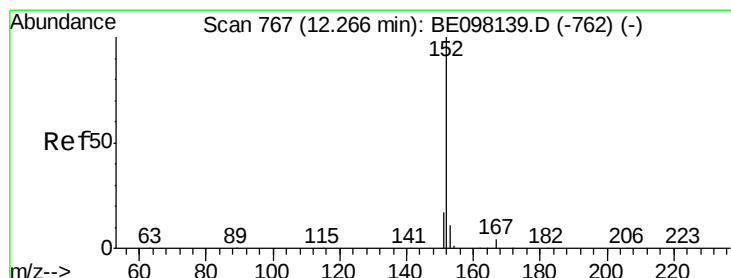
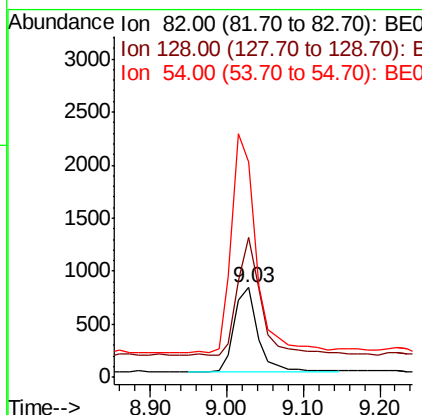
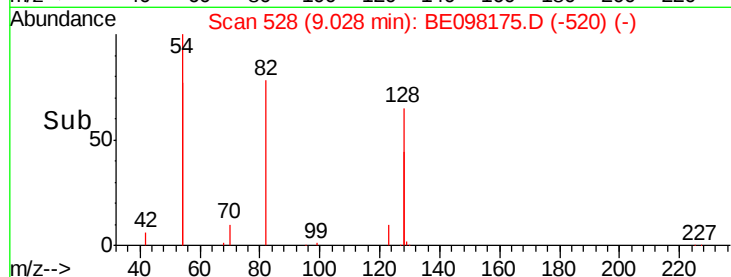
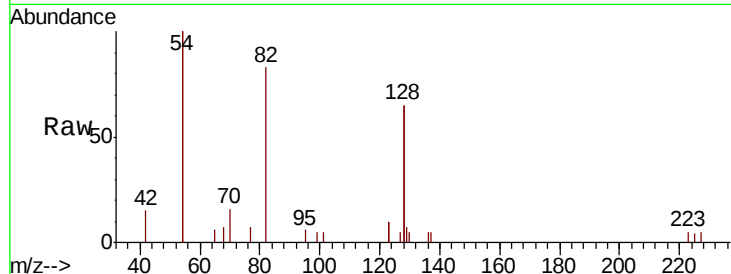




#8
 Nitrobenzene-d5
 Concen: 0.339 ng
 RT: 9.03 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: BE098175.D
 Acq: 7 Nov 2018 15:52

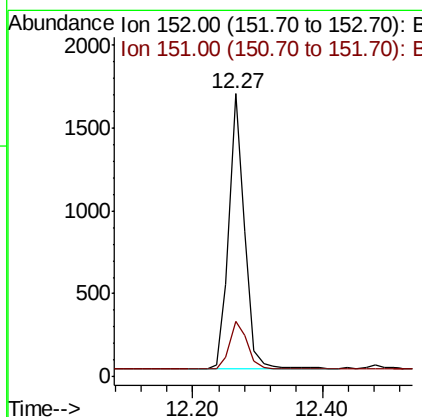
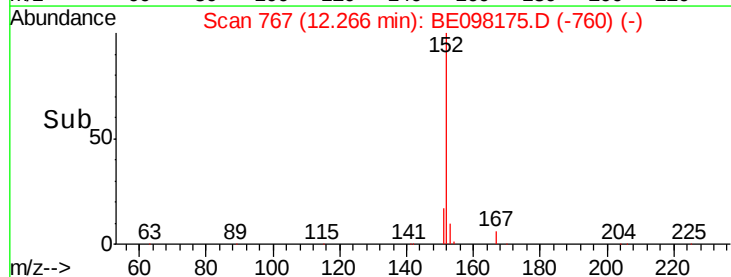
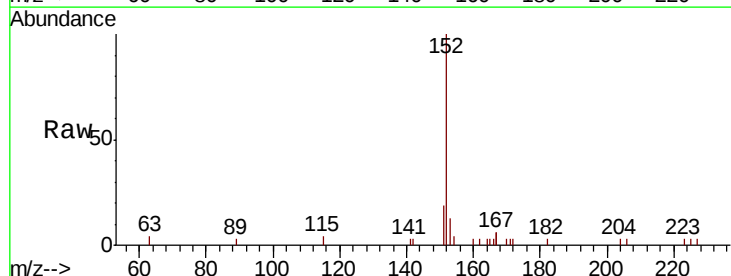
Instrument :
 BNA_E
 ClientSampleId :

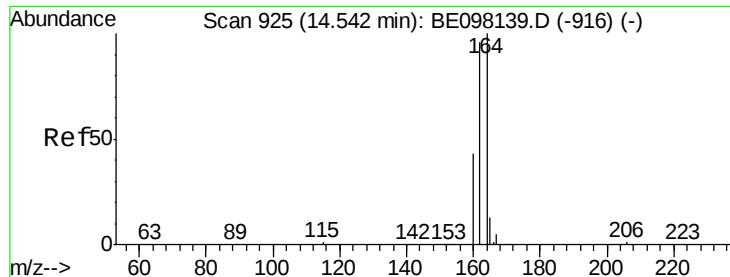
Tot Ion	Ratio	Lower	Upper
82	100		
128	156.3	129.9	194.9
54	240.7	174.0	261.0



#11
 2-Methylnaphthalene-d10
 Concen: 0.337 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE098175.D
 Acq: 7 Nov 2018 15:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.4

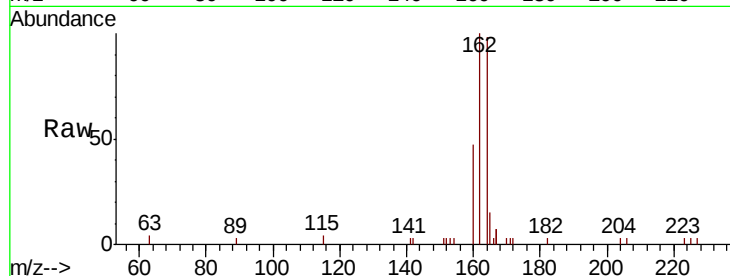




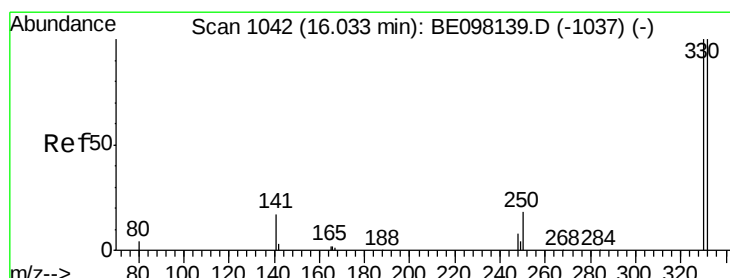
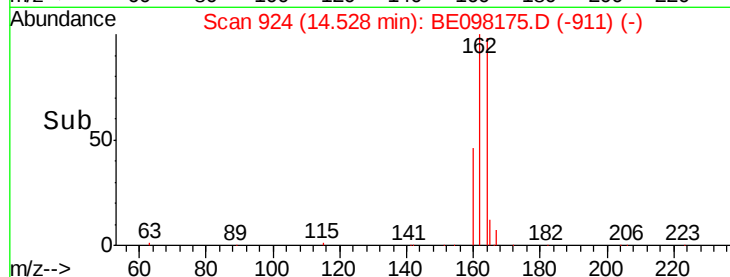
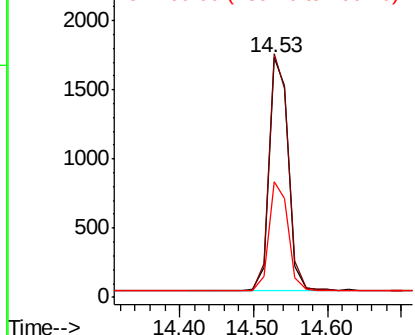
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.01 min
Lab File: BE098175.D
Acq: 7 Nov 2018 15:52

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 3103
Ion Ratio Lower Upper
164 100
162 101.6 77.4 116.2
160 48.2 36.5 54.7

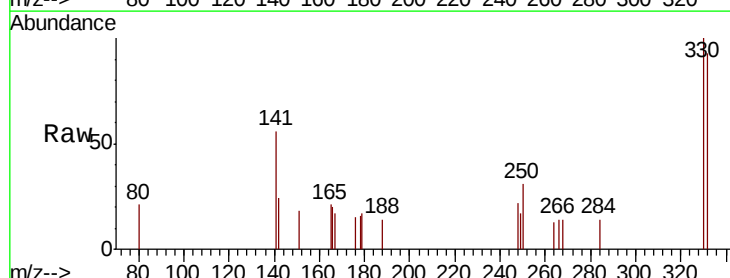


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

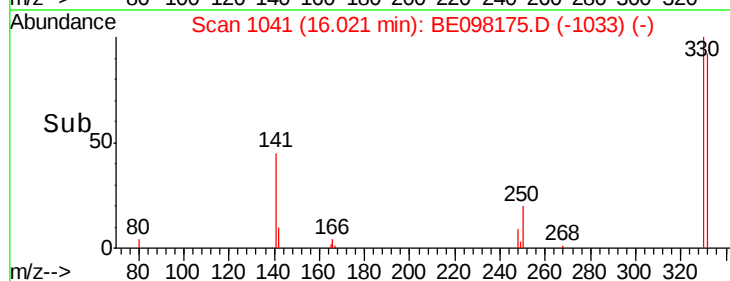
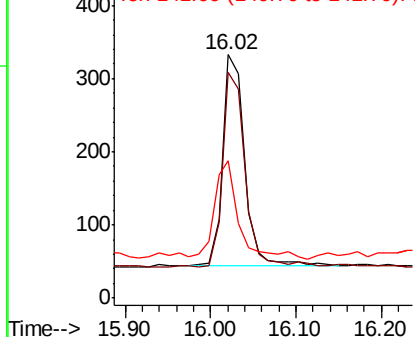


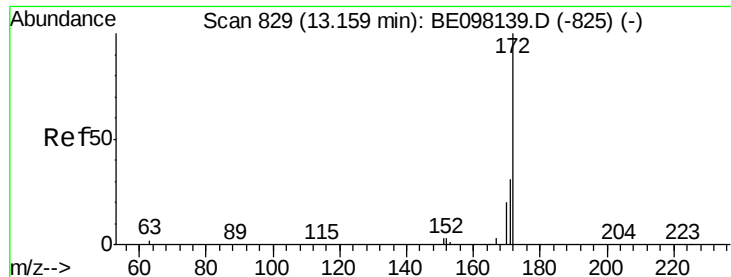
#14
2,4,6-Tribromophenol
Concen: 0.353 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BE098175.D
Acq: 7 Nov 2018 15:52

Tgt Ion:330 Resp: 518
Ion Ratio Lower Upper
330 100
332 92.3 76.5 114.7
141 52.1 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

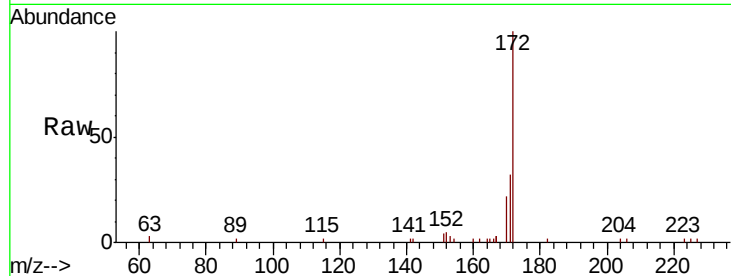




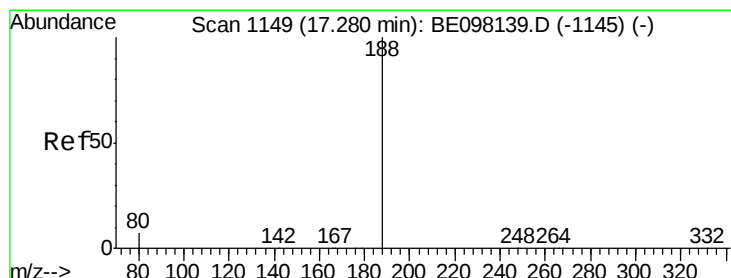
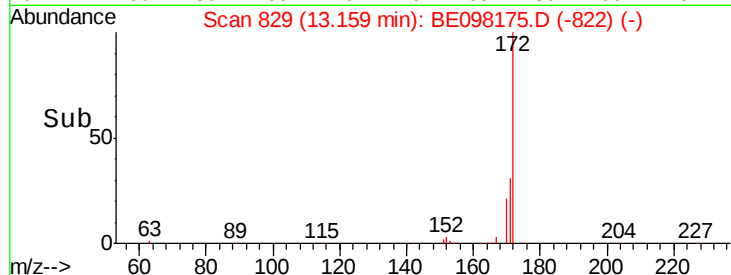
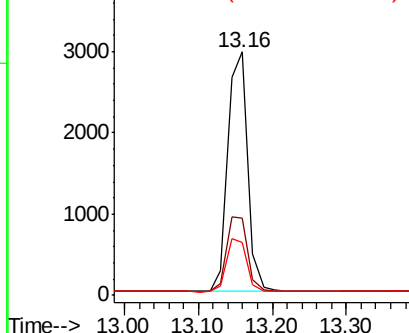
#15
2-Fluorobiphenyl
Concen: 0.434 ng
RT: 13.16 min Scan# 829
Delta R.T. -0.00 min
Lab File: BE098175.D
Acq: 7 Nov 2018 15:52

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 5541
Ion Ratio Lower Upper
172 100
171 31.9 26.0 39.0
170 21.8 18.0 27.0

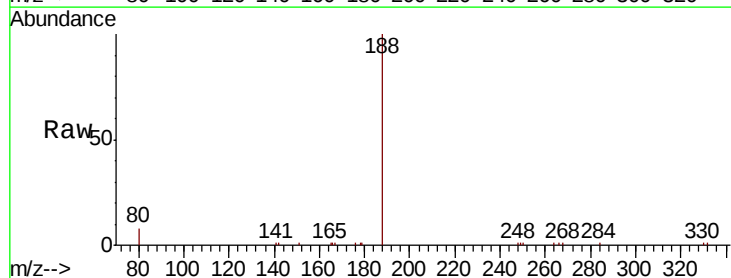


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

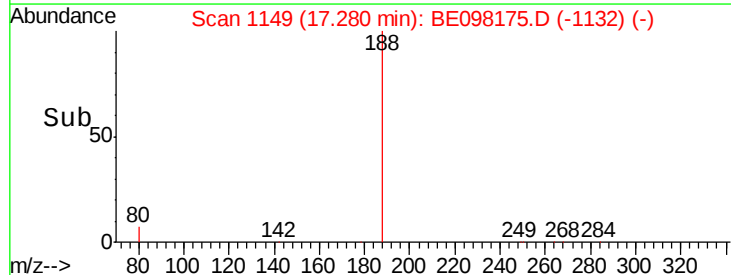
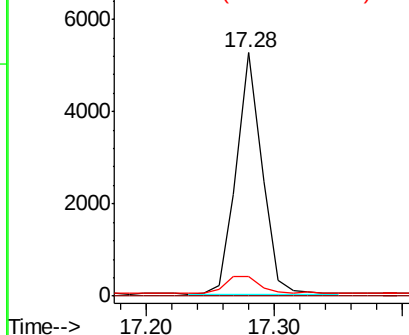


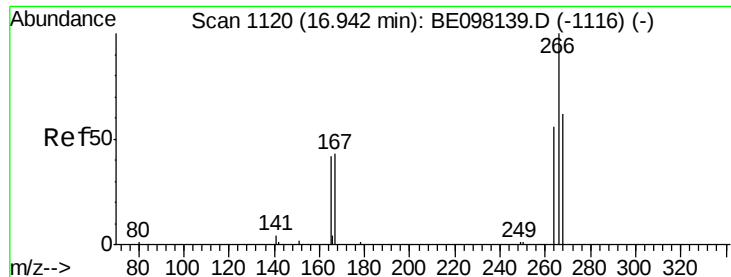
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098175.D
Acq: 7 Nov 2018 15:52

Tgt Ion:188 Resp: 7301
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: 0.146 ng

RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098175.D

Acq: 7 Nov 2018 15:52

Instrument :

BNA_E

ClientSampleId :

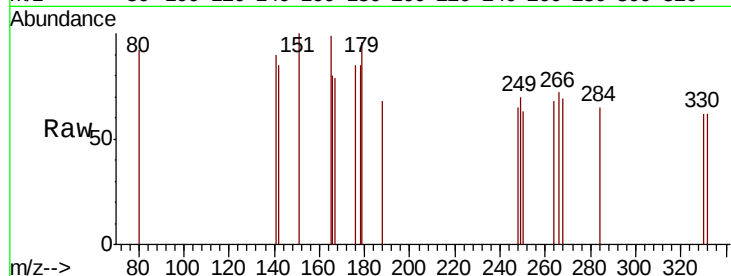
Tot Ion:266 Resp: 16

Ion Ratio Lower Upper

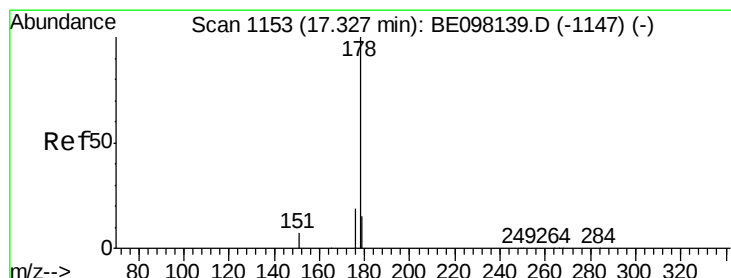
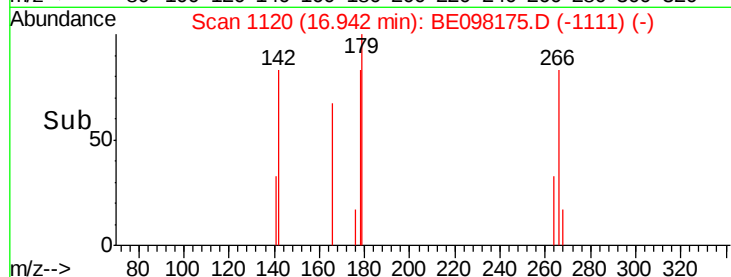
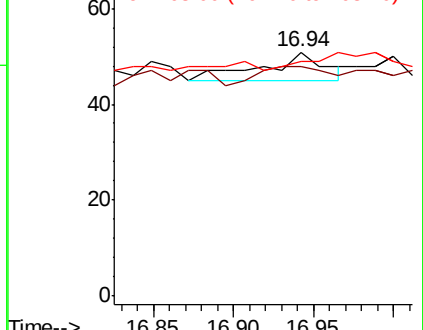
266 100

264 94.1 51.3 76.9#

268 96.1 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



#23

Phenanthrene

Concen: 0.048 ng

RT: 17.42 min Scan# 1161

Delta R.T. 0.09 min

Lab File: BE098175.D

Acq: 7 Nov 2018 15:52

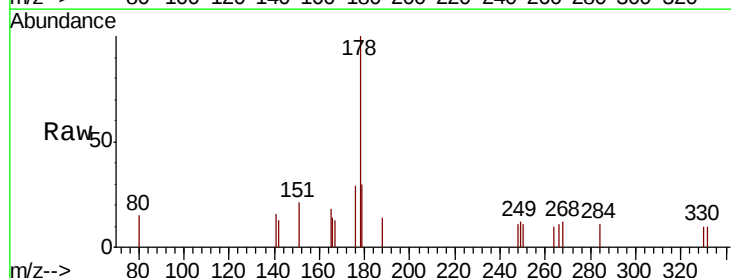
Tgt Ion:178 Resp: 860

Ion Ratio Lower Upper

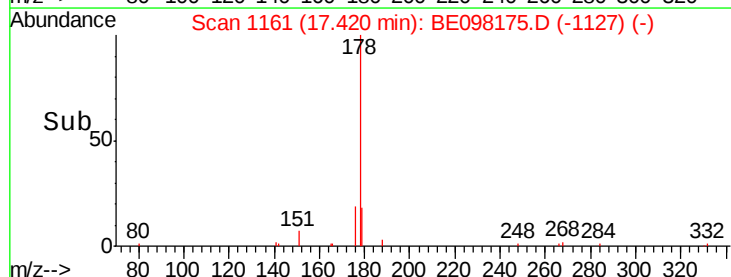
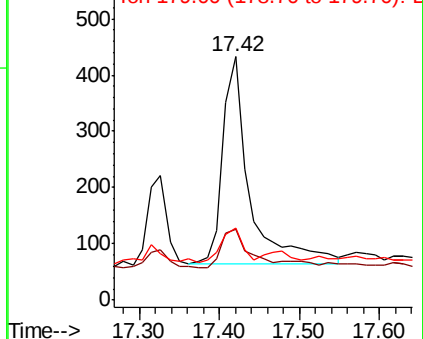
178 100

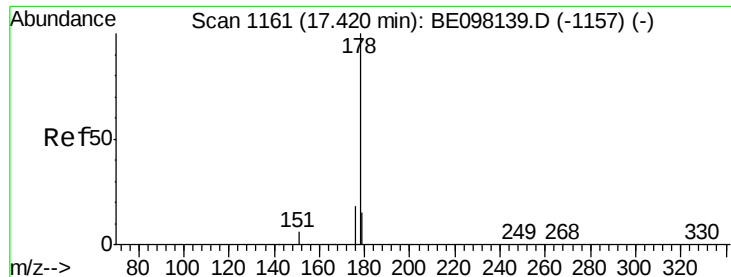
176 22.6 15.5 23.3

179 13.6 12.2 18.4



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





#24

Anthracene

Concen: 0.049 ng

RT: 17.42 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BE098175.D

Acq: 7 Nov 2018 15:52

Instrument :

BNA_E

ClientSampled :

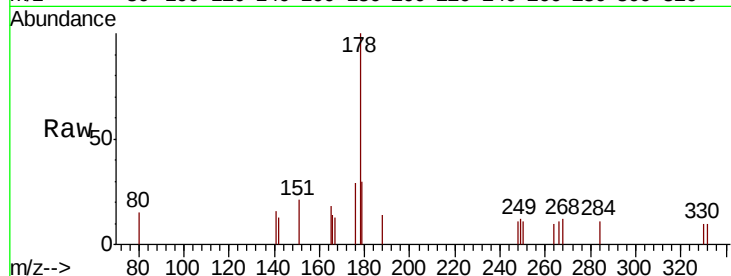
Tot Ion:178 Resp: 839

Ion Ratio Lower Upper

178 100

176 23.1 14.9 22.3#

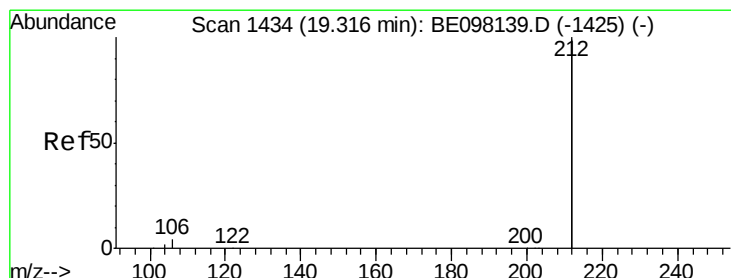
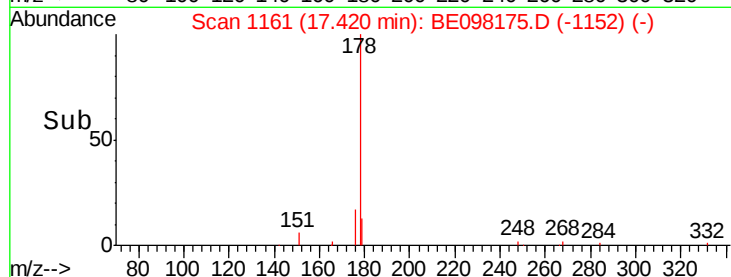
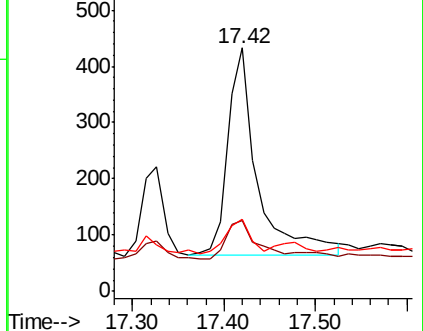
179 13.9 11.9 17.9



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



#25

Fluoranthene-d10

Concen: 0.364 ng

RT: 19.31 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE098175.D

Acq: 7 Nov 2018 15:52

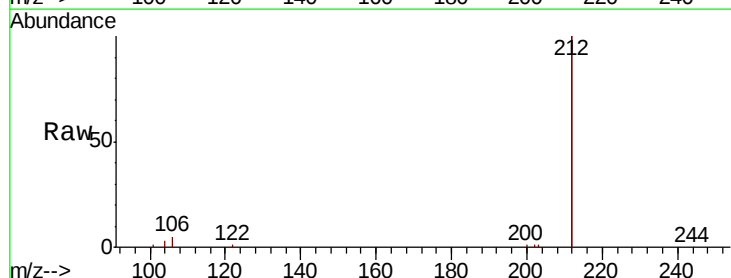
Tgt Ion:212 Resp: 34278

Ion Ratio Lower Upper

212 100

106 2.3 2.3 3.5

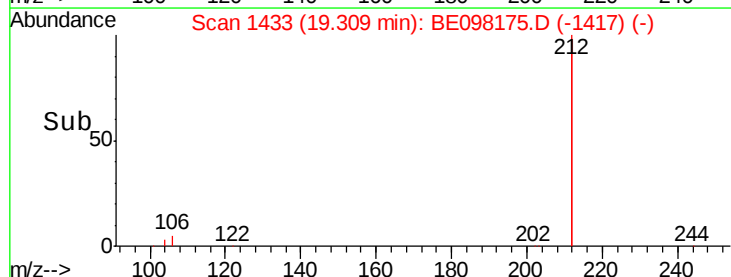
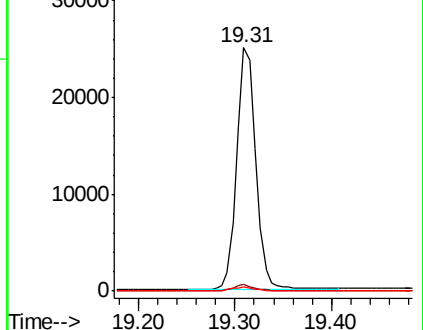
104 1.4 1.3 1.9

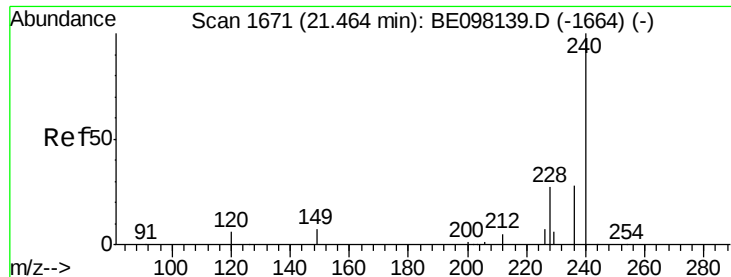


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

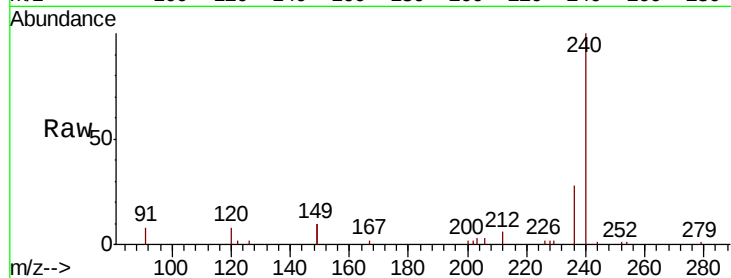




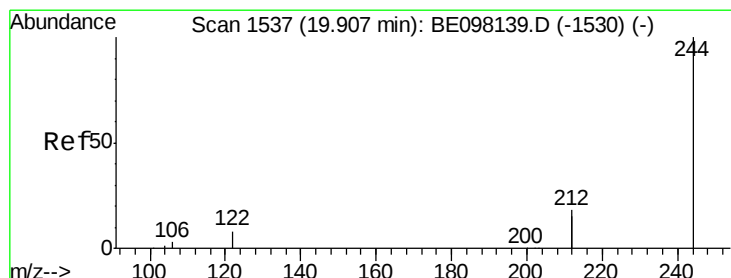
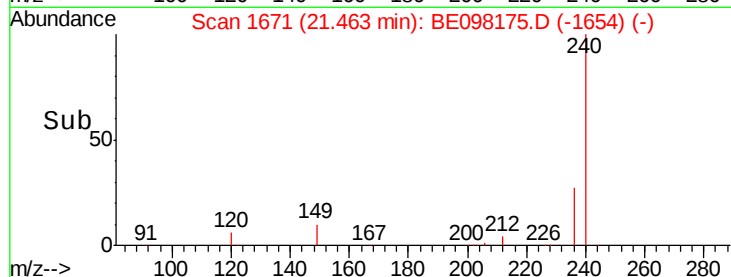
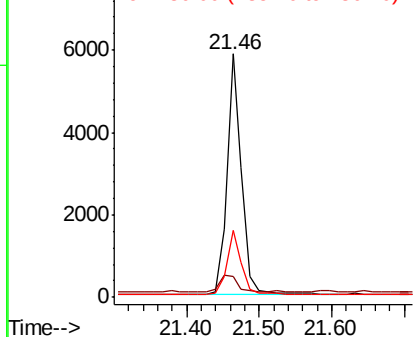
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BE098175.D
 Acq: 7 Nov 2018 15:52

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:240 Resp: 8202
 Ion Ratio Lower Upper
 240 100
 120 8.3 7.1 10.7
 236 27.7 21.3 31.9

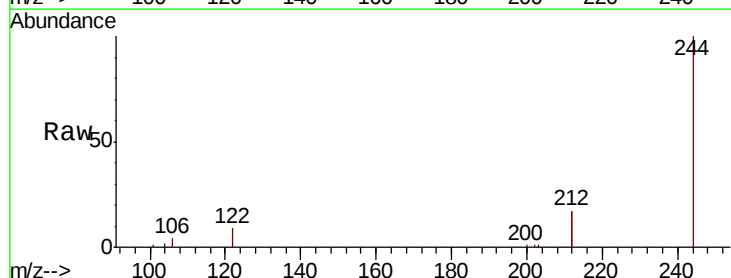


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

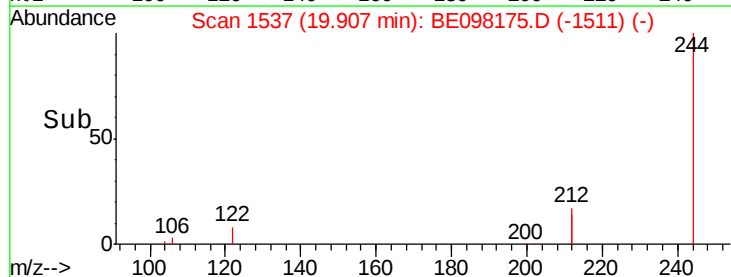
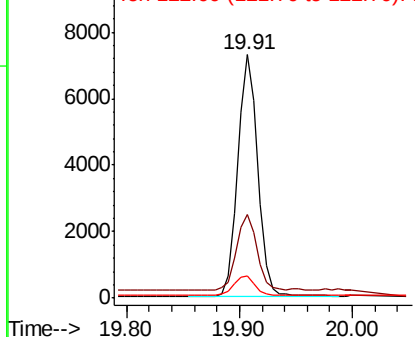


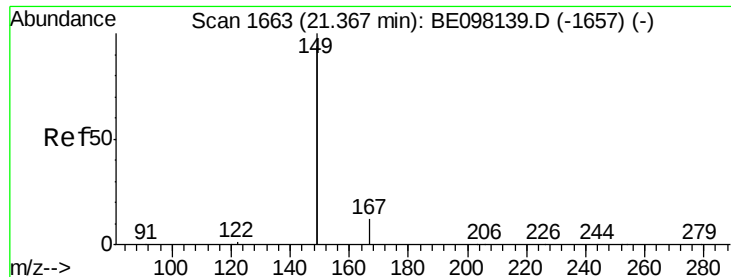
#29
 Terphenyl-d14
 Concen: 0.474 ng
 RT: 19.91 min Scan# 1537
 Delta R.T. -0.00 min
 Lab File: BE098175.D
 Acq: 7 Nov 2018 15:52

Tgt Ion:244 Resp: 9032
 Ion Ratio Lower Upper
 244 100
 212 34.3 26.2 39.2
 122 9.0 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

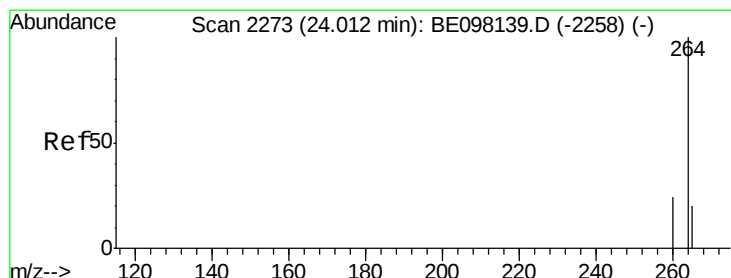
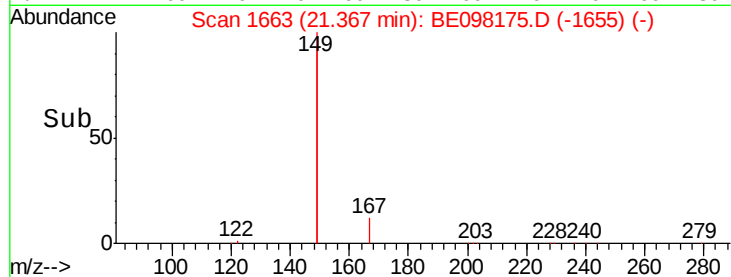
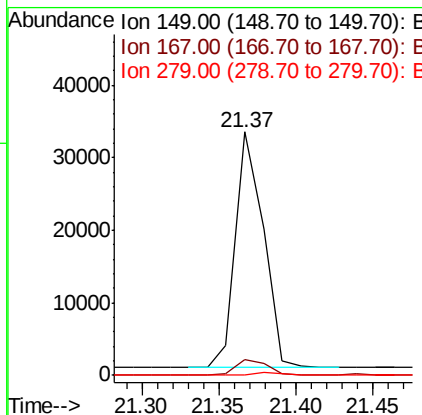
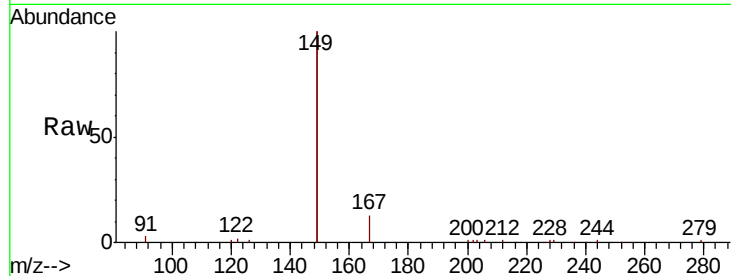




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.619 ng
 RT: 21.37 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BE098175.D
 Acq: 7 Nov 2018 15:52

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 40704
 Ion Ratio Lower Upper
 149 100
 167 6.9 5.6 8.4
 279 1.2 0.9 1.3



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: BE098175.D
 Acq: 7 Nov 2018 15:52

Tgt Ion:264 Resp: 8099
 Ion Ratio Lower Upper
 264 100
 260 26.6 21.1 31.7
 265 28.5 29.2 43.8#

