

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101217\
 Data File : BE094314.D
 Acq On : 12 Oct 2017 14:30
 Operator : SJ/JU
 Sample : I5530-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 12 22:40:38 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE100617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 15:16:13 2017
 Response via : Initial Calibration

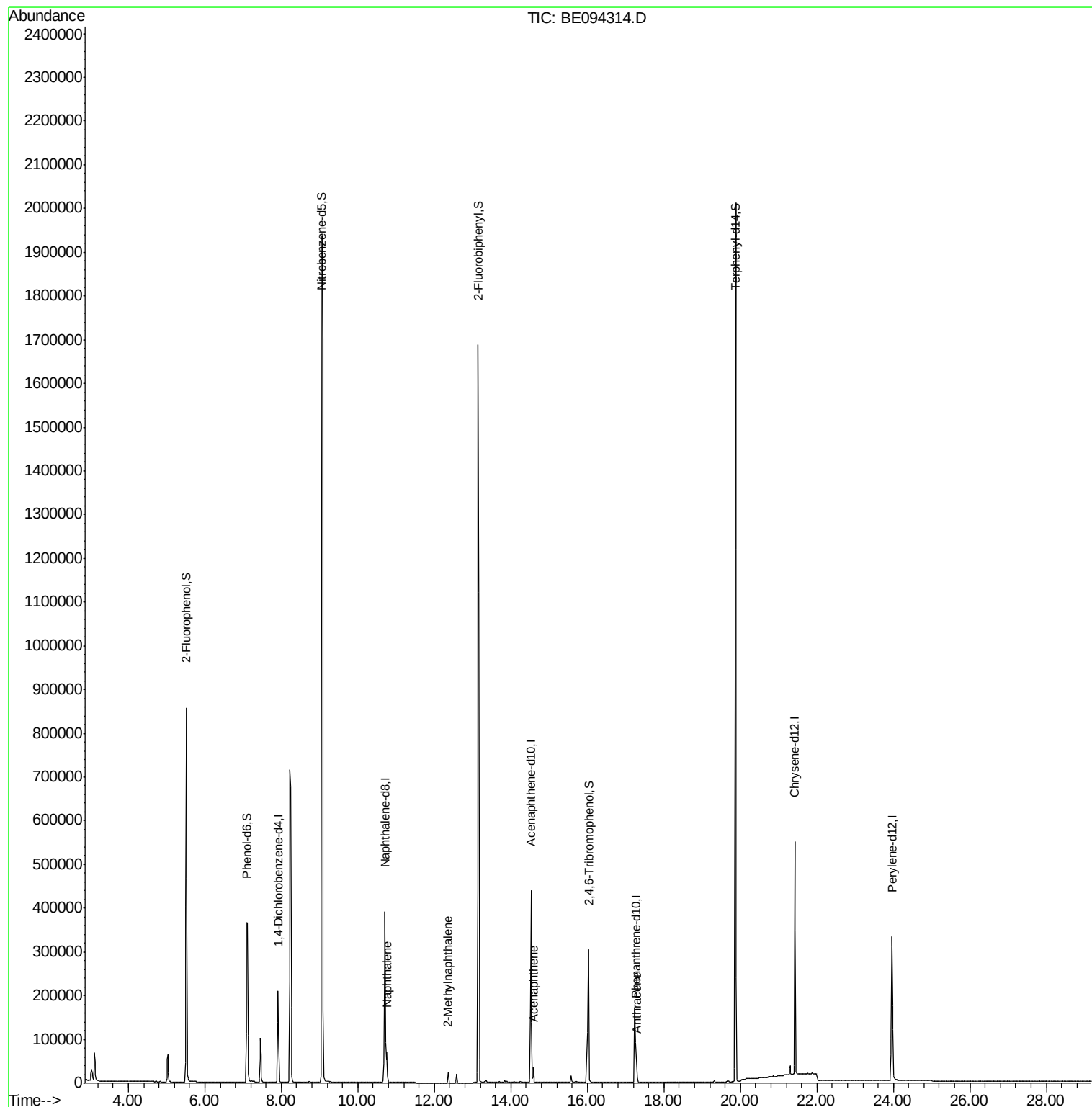
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	99529	0.40	ng	0.01
7) Naphthalene-d8	10.71	136	481966	0.40	ng	0.02
13) Acenaphthene-d10	14.53	164	251486	0.40	ng	0.02
19) Phenanthrene-d10	17.27	188	338355	0.40	ng	0.03
27) Chrysene-d12	21.43	240	542519	0.40	ng	0.02
34) Perylene-d12	23.97	264	531041	0.40	ng	0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	435113	1.31	ng	0.01
5) Phenol-d6	7.11	99	412897	0.86	ng	0.02
8) Nitrobenzene-d5	9.06	82	880739	2.19	ng	0.00
11) 2-Methylnaphthalene-d10	12.43	152	5	0.00	ng	0.15
14) 2,4,6-Tribromophenol	16.03	330	295868	2.71	ng	0.03
15) 2-Fluorobiphenyl	13.15	172	1685423	1.96	ng	0.02
25) Fluoranthene-d10	19.33	212	89	0.00	ng	0.06
29) Terphenyl-d14	19.87	244	1786346	1.74	ng	0.02
Target Compounds						Qvalue
9) Naphthalene	10.76	128	120692	0.022	ng	99
12) 2-Methylnaphthalene	12.36	142	18481	0.021	ng	98
17) Acenaphthene	14.58	154	18283	0.022	ng	96
24) Anthracene	17.30	178	19813	0.022	ng	# 95

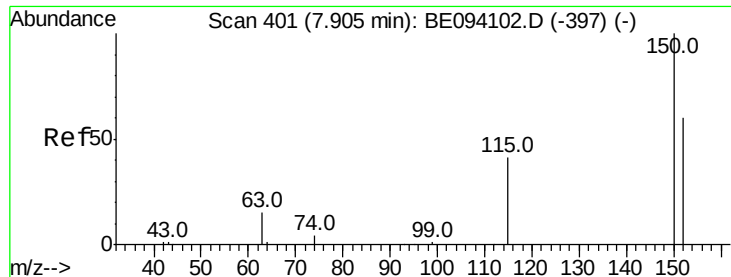
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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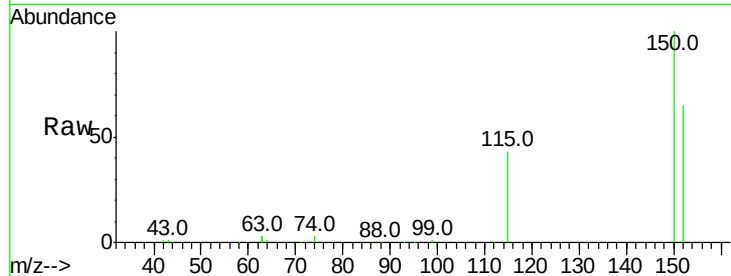


#1

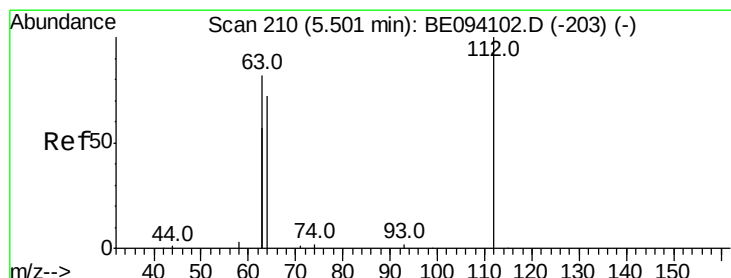
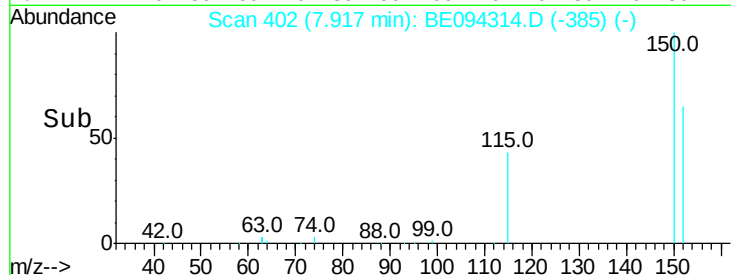
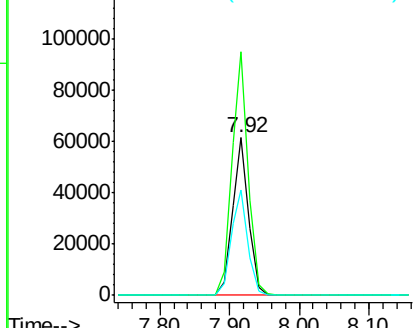
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.01 min
Lab File: BE094314.D
Acq: 12 Oct 2017 14:30

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 99529
Ion Ratio Lower Upper
152 100
150 154.5 117.2 175.8
115 66.6 57.0 85.6



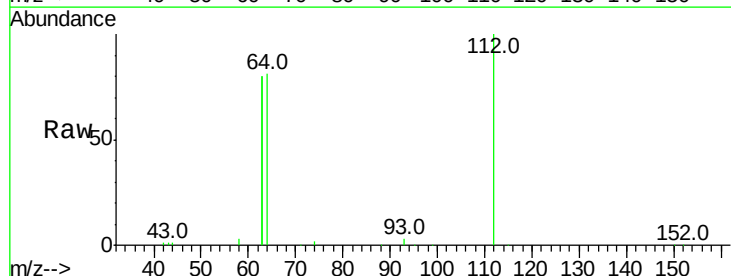
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



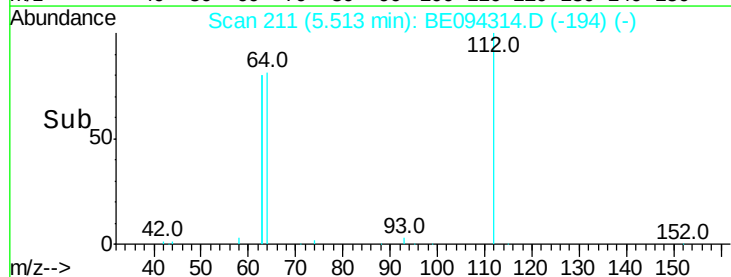
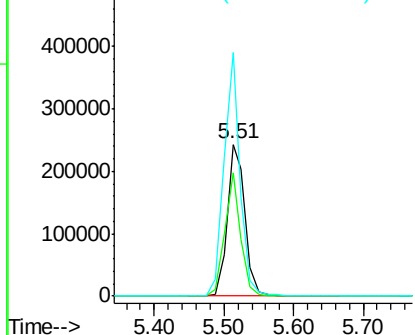
#4

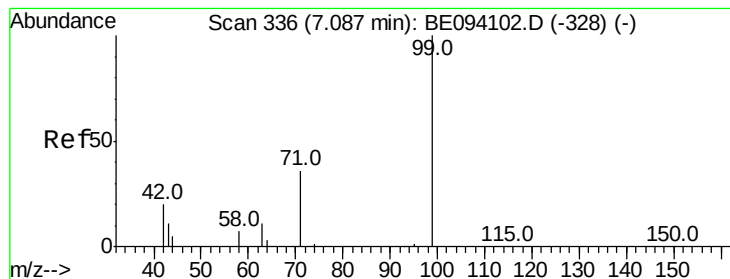
2-Fluorophenol
Concen: 1.312 ng
RT: 5.51 min Scan# 211
Delta R.T. 0.01 min
Lab File: BE094314.D
Acq: 12 Oct 2017 14:30

Tgt Ion:112 Resp: 435113
Ion Ratio Lower Upper
112 100
64 73.0 60.1 90.1
63 145.5 116.8 175.2



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: 0.859 ng

RT: 7.11 min Scan# 338

Delta R.T. 0.02 min

Lab File: BE094314.D

Acq: 12 Oct 2017 14:30

Instrument :

BNA_E

ClientSampleId :

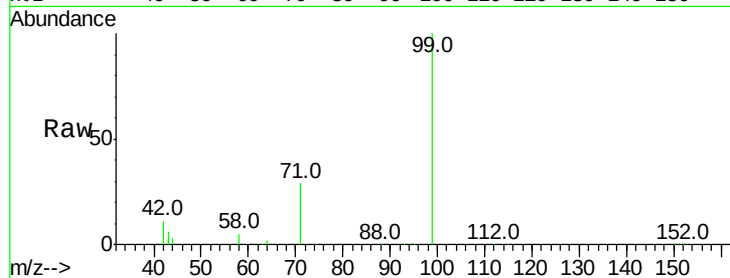
Tot Ion: 99 Resp: 412897

Ion Ratio Lower Upper

99 100

42 20.0 20.2 30.2#

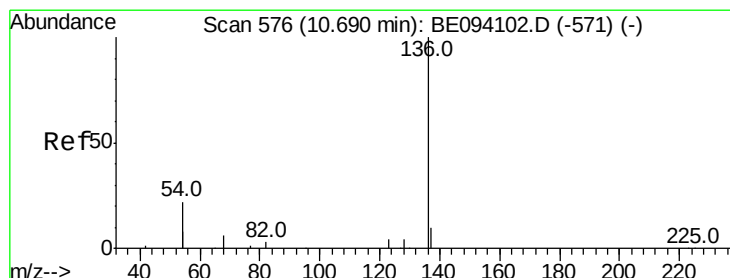
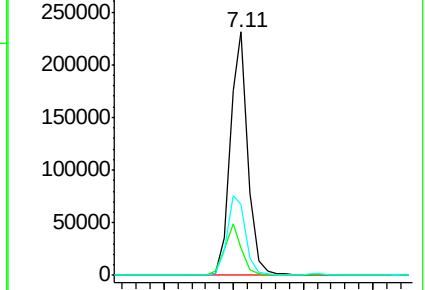
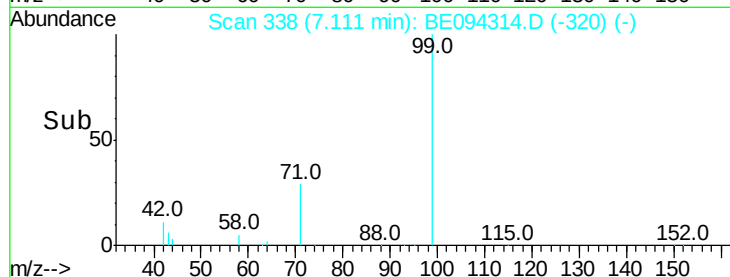
71 34.5 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BE094314.D (-320) (-)

Ion 42.00 (41.70 to 42.70): BE094314.D (-320) (-)

Ion 71.00 (70.70 to 71.70): BE094314.D (-320) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. 0.02 min

Lab File: BE094314.D

Acq: 12 Oct 2017 14:30

Tgt Ion: 136 Resp: 481966

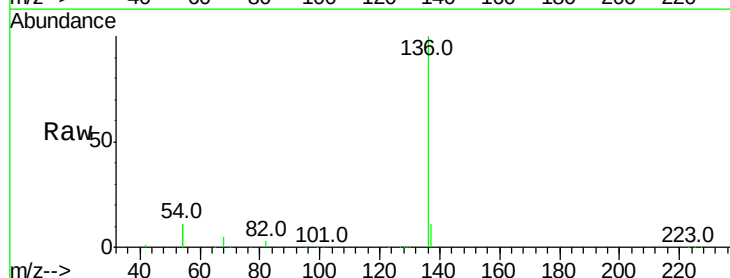
Ion Ratio Lower Upper

136 100

137 11.2 9.5 14.3

54 22.2 29.1 43.7#

68 4.8 6.2 9.2#

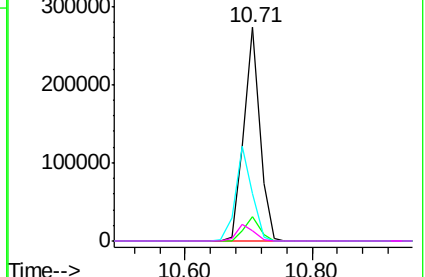
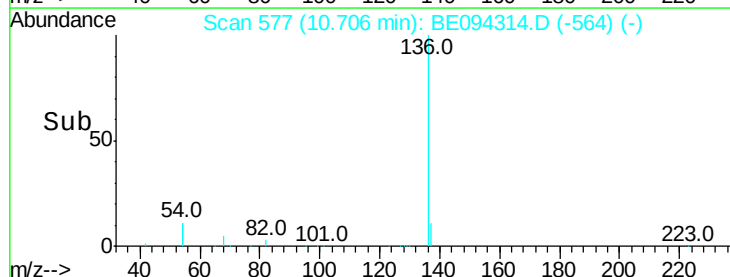


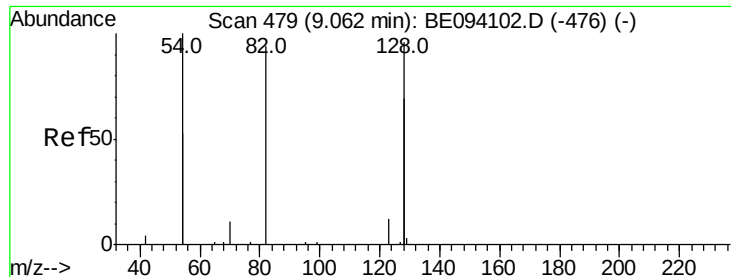
Abundance Ion 136.00 (135.70 to 136.70): BE094314.D (-564) (-)

Ion 137.00 (136.70 to 137.70): BE094314.D (-564) (-)

Ion 54.00 (53.70 to 54.70): BE094314.D (-564) (-)

Ion 68.00 (67.70 to 68.70): BE094314.D (-564) (-)





#8

Nitrobenzene-d5

Concen: 2.195 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE094314.D

Acq: 12 Oct 2017 14:30

Instrument :

BNA_E

ClientSampled :

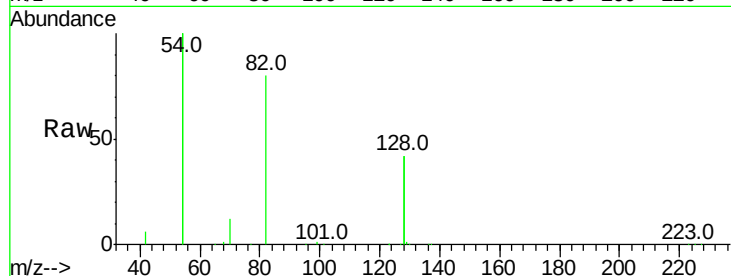
Tot Ion: 82 Resp: 880739

Ion Ratio Lower Upper

82 100

128 105.5 150.0 225.0#

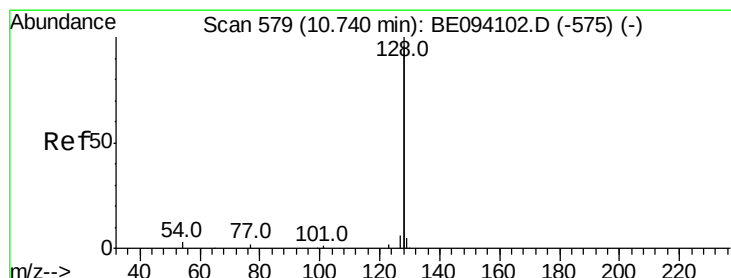
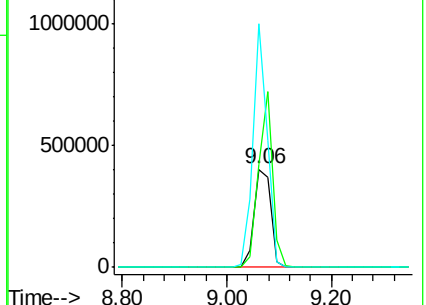
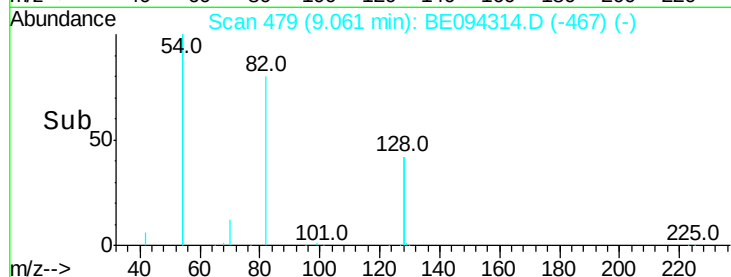
54 248.6 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): BE094314.D (-467) (-)

Ion 128.00 (127.70 to 128.70): BE094314.D (-467) (-)

Ion 54.00 (53.70 to 54.70): BE094314.D (-467) (-)



#9

Naphthalene

Concen: 0.022 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.02 min

Lab File: BE094314.D

Acq: 12 Oct 2017 14:30

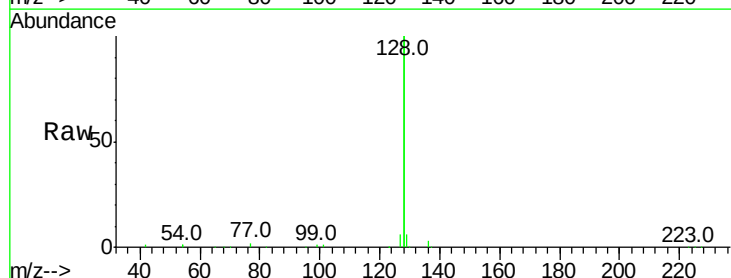
Tgt Ion: 128 Resp: 120692

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

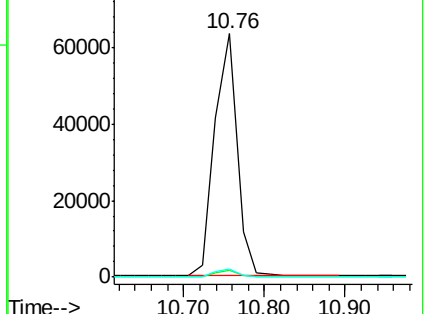
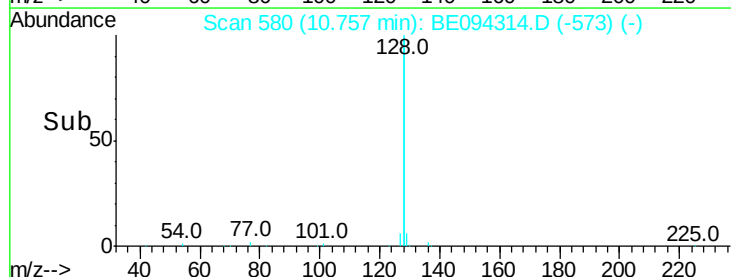
127 3.1 2.8 4.2

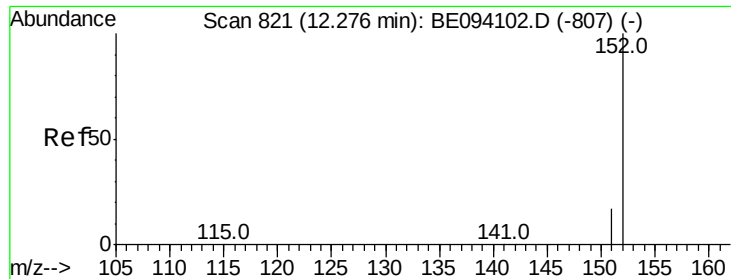


Abundance Ion 128.00 (127.70 to 128.70): BE094314.D (-573) (-)

Ion 129.00 (128.70 to 129.70): BE094314.D (-573) (-)

Ion 127.00 (126.70 to 127.70): BE094314.D (-573) (-)

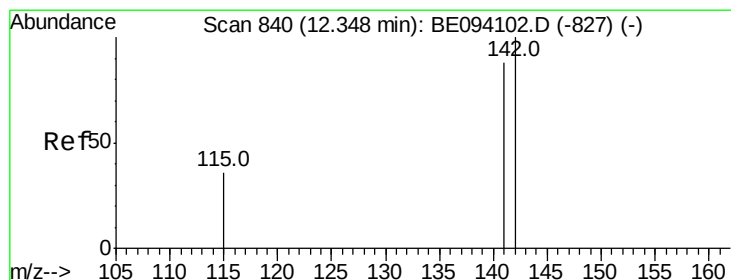
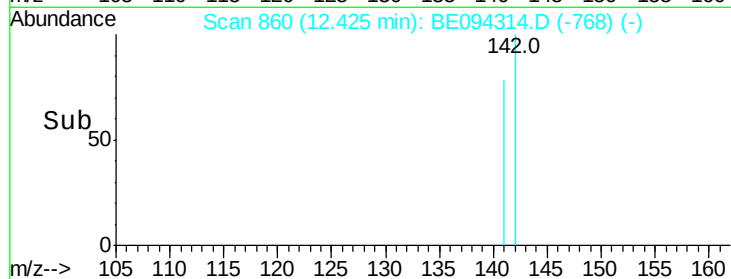
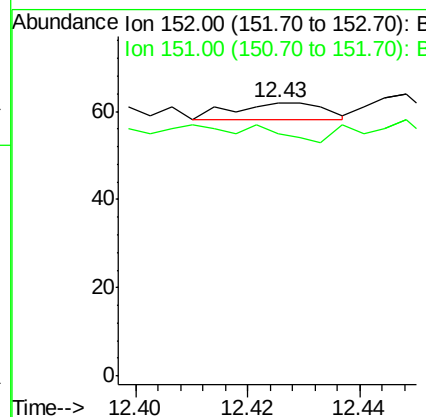
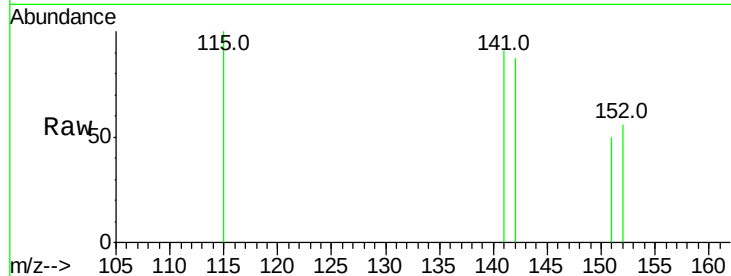




#11
 2-Methylnaphthalene-d10
 Concen: 0.000 ng
 RT: 12.43 min Scan# 860
 Delta R.T. 0.15 min
 Lab File: BE094314.D
 Acq: 12 Oct 2017 14:30

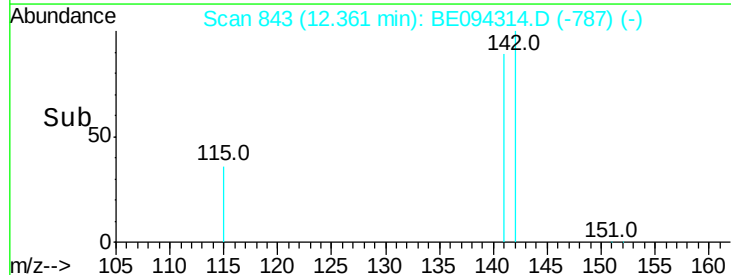
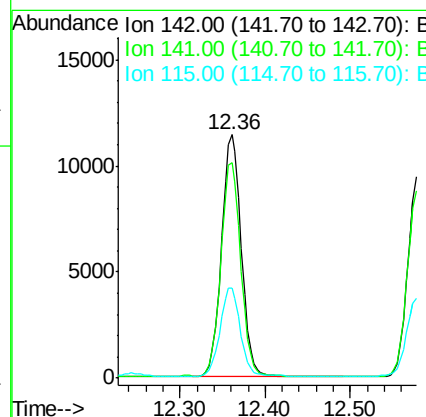
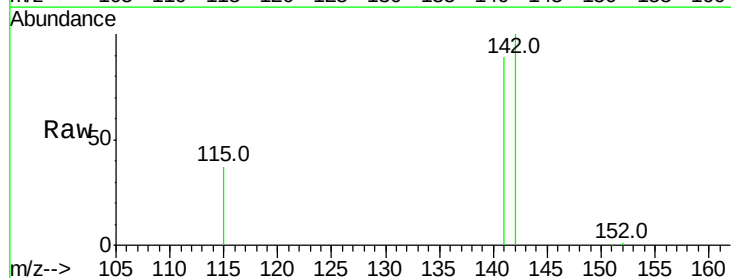
Instrument :
 BNA_E
 ClientSampleId :

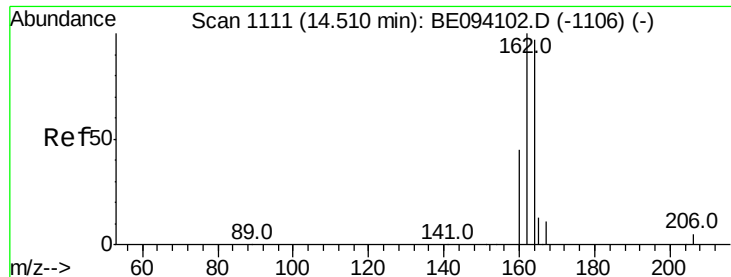
Tot Ion:152 Resp: 5
 Ion Ratio Lower Upper
 152 100
 151 20.0 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.021 ng
 RT: 12.36 min Scan# 843
 Delta R.T. 0.01 min
 Lab File: BE094314.D
 Acq: 12 Oct 2017 14:30

Tgt Ion:142 Resp: 18481
 Ion Ratio Lower Upper
 142 100
 141 88.7 70.4 105.6
 115 36.9 31.7 47.5

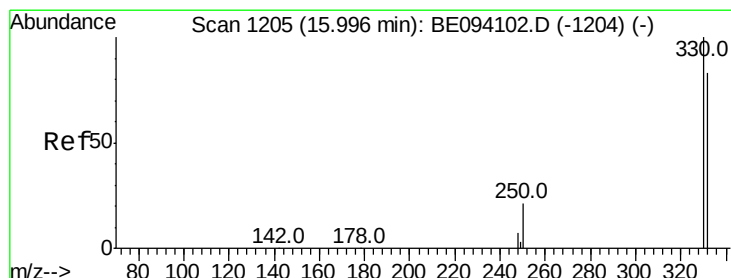
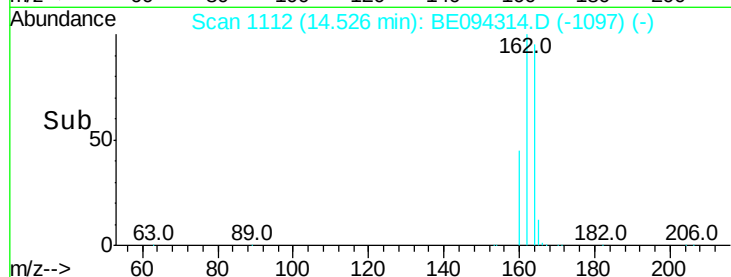
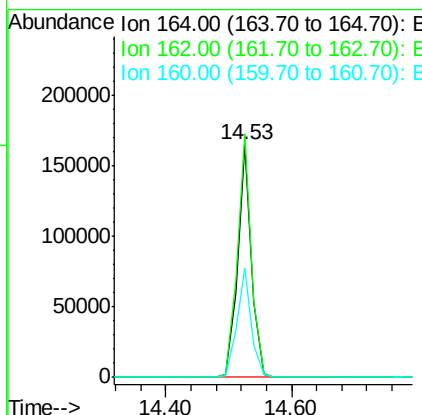
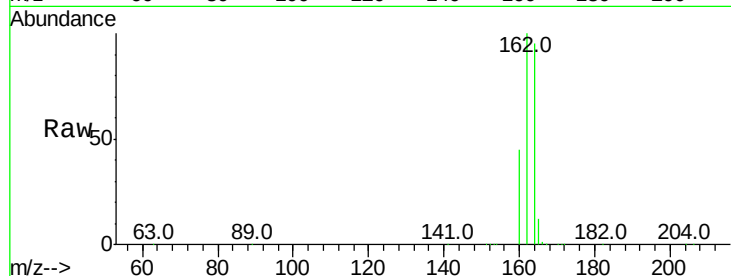




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. 0.02 min
 Lab File: BE094314.D
 Acq: 12 Oct 2017 14:30

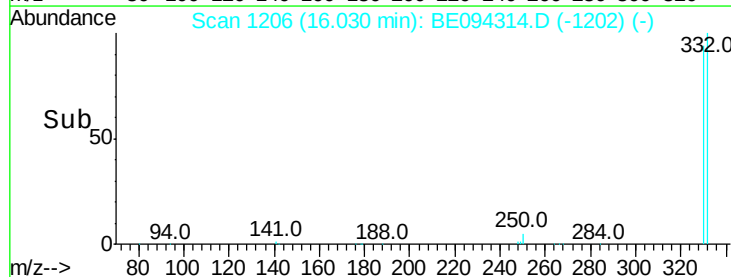
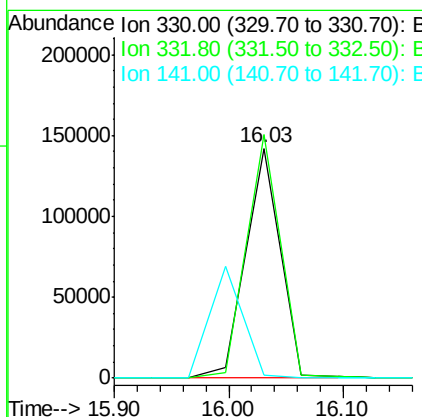
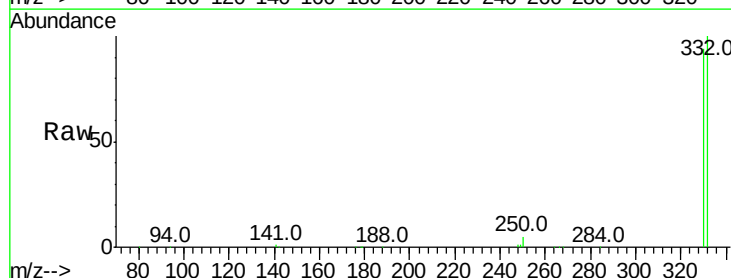
Instrument :
 BNA_E
 ClientSampleId :

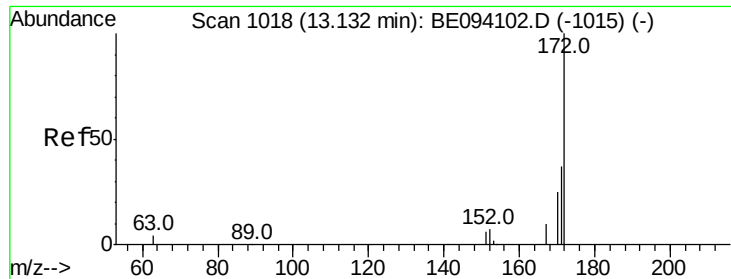
Tot Ion:164 Resp: 251486
 Ion Ratio Lower Upper
 164 100
 162 104.8 83.1 124.7
 160 47.3 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 2.706 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.03 min
 Lab File: BE094314.D
 Acq: 12 Oct 2017 14:30

Tgt Ion:330 Resp: 295868
 Ion Ratio Lower Upper
 330 100
 332 103.7 152.7 229.1#
 141 0.0 33.7 50.5#

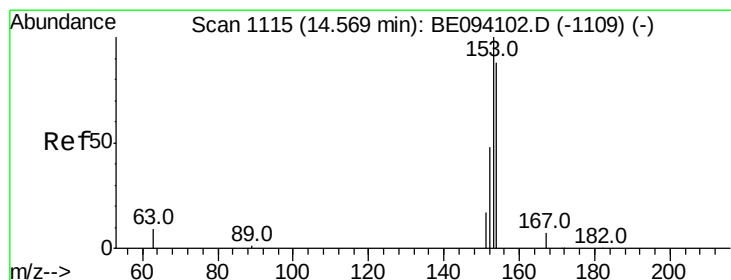
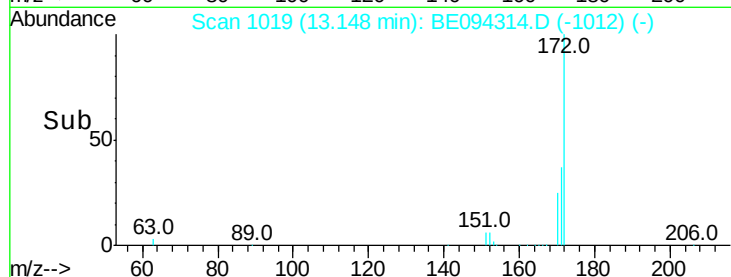
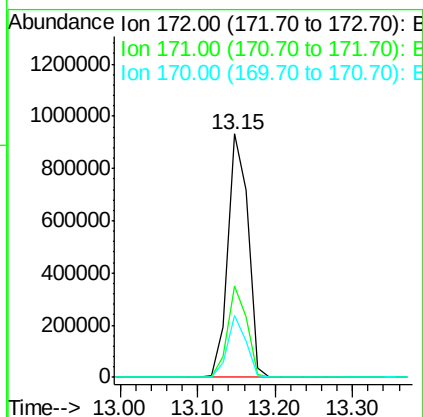
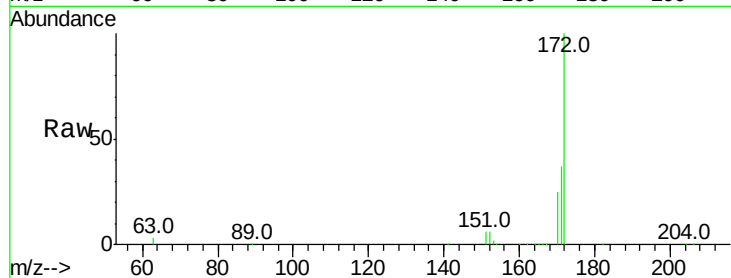




#15
2-Fluorobiphenyl
Concen: 1.956 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.02 min
Lab File: BE094314.D
Acq: 12 Oct 2017 14:30

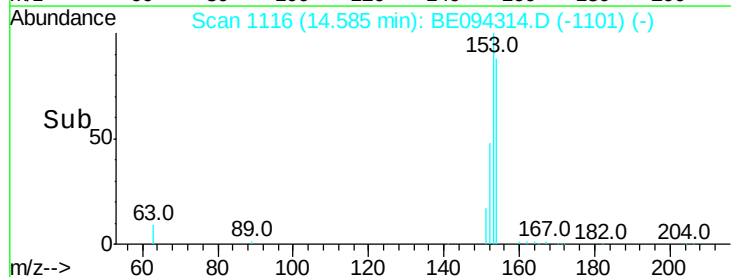
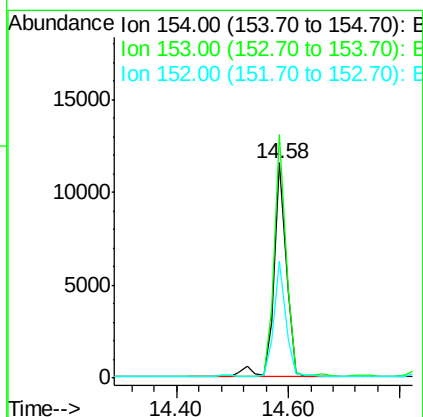
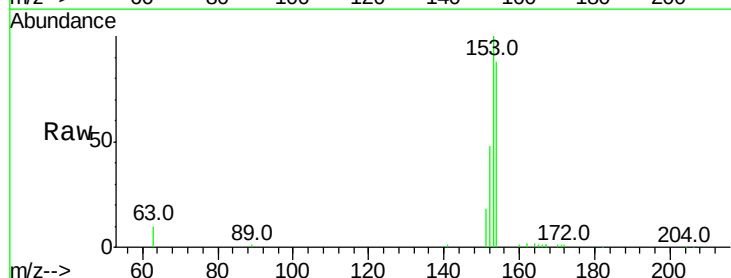
Instrument :
BNA_E
ClientSampleId :

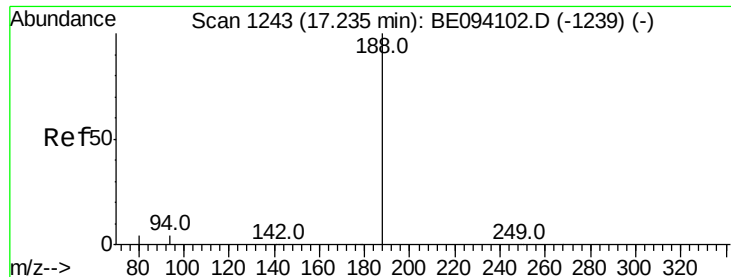
Tot Ion:172 Resp: 1685423
Ion Ratio Lower Upper
172 100
171 37.3 29.9 44.9
170 25.3 21.8 32.8



#17
Acenaphthene
Concen: 0.022 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.02 min
Lab File: BE094314.D
Acq: 12 Oct 2017 14:30

Tgt Ion:154 Resp: 18283
Ion Ratio Lower Upper
154 100
153 105.7 89.2 133.8
152 51.7 42.0 63.0

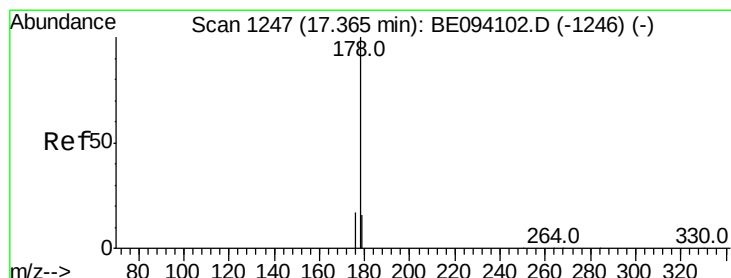
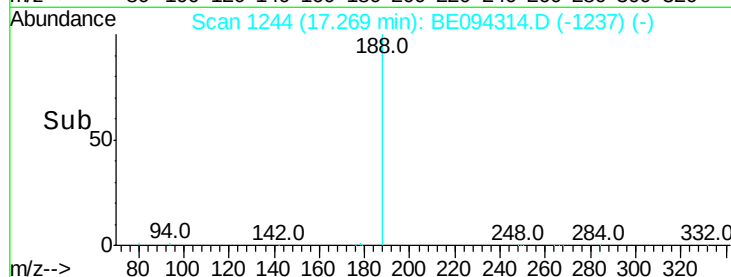
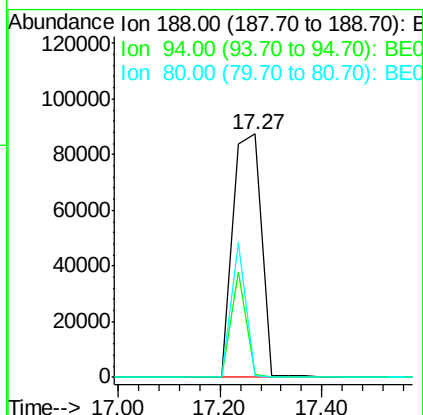
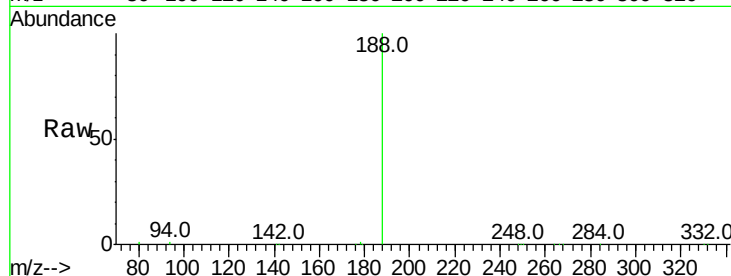




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.03 min
Lab File: BE094314.D
Acq: 12 Oct 2017 14:30

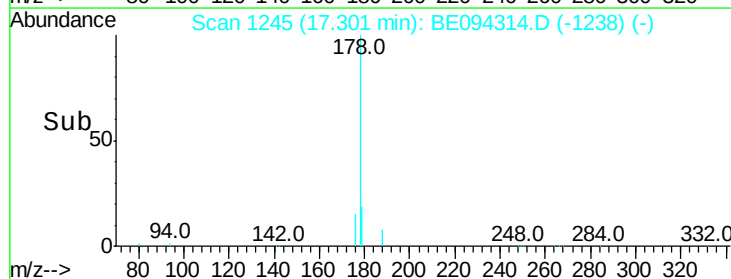
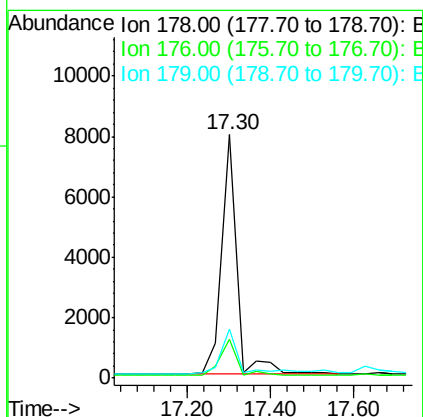
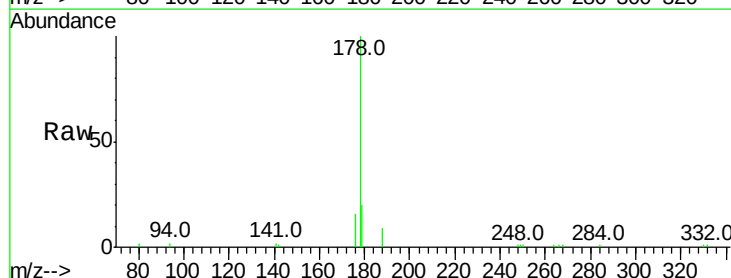
Instrument :
BNA_E
ClientSampled :

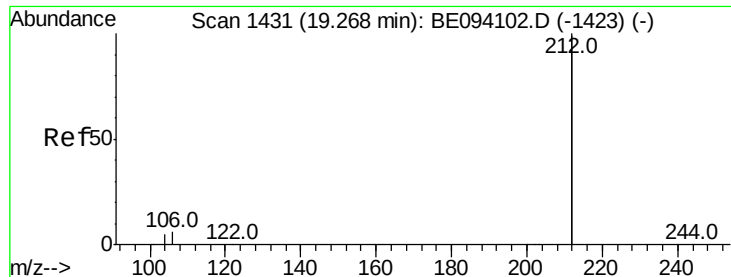
Tot Ion:188 Resp: 338355
Ion Ratio Lower Upper
188 100
94 1.0 3.9 5.9#
80 0.8 3.6 5.4#



#24
Anthracene
Concen: 0.022 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.06 min
Lab File: BE094314.D
Acq: 12 Oct 2017 14:30

Tgt Ion:178 Resp: 19813
Ion Ratio Lower Upper
178 100
176 17.0 12.8 19.2
179 19.7 13.0 19.6#





#25

Fluoranthene-d10

Concen: 0.000 ng

RT: 19.33 min Scan# 1439

Delta R.T. 0.06 min

Lab File: BE094314.D

Acq: 12 Oct 2017 14:30

Instrument :

BNA_E

ClientSampleId :

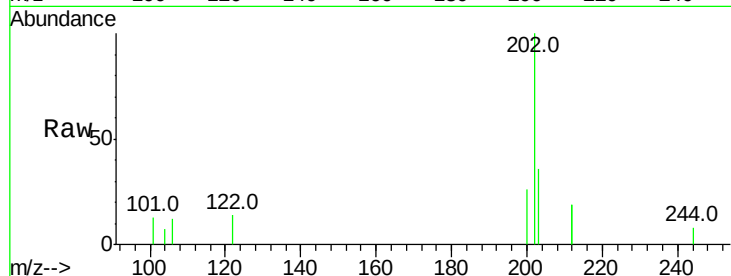
Tot Ion:212 Resp: 89

Ion Ratio Lower Upper

212 100

106 29.2 2.8 4.2#

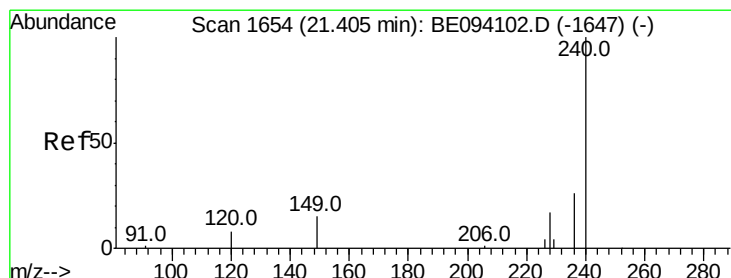
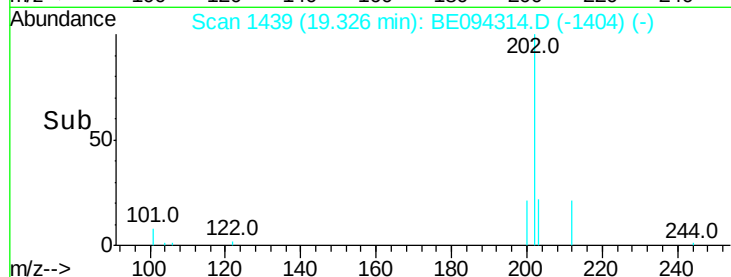
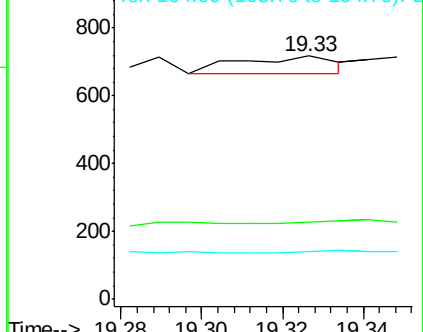
104 15.7 1.6 2.4#



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: 21.43 min Scan# 1656

Delta R.T. 0.02 min

Lab File: BE094314.D

Acq: 12 Oct 2017 14:30

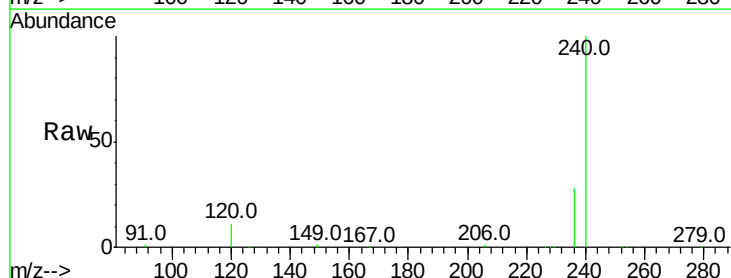
Tgt Ion:240 Resp: 542519

Ion Ratio Lower Upper

240 100

120 11.5 5.5 8.3#

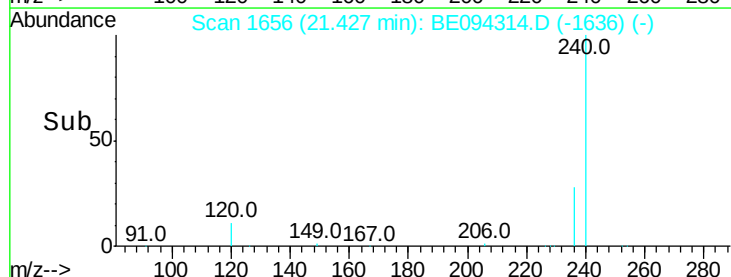
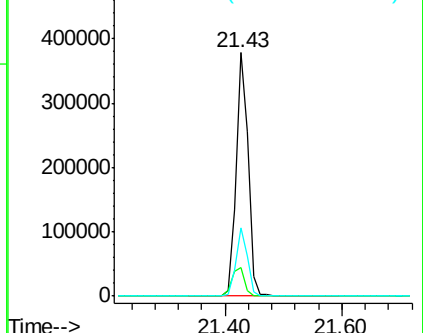
236 27.9 20.7 31.1

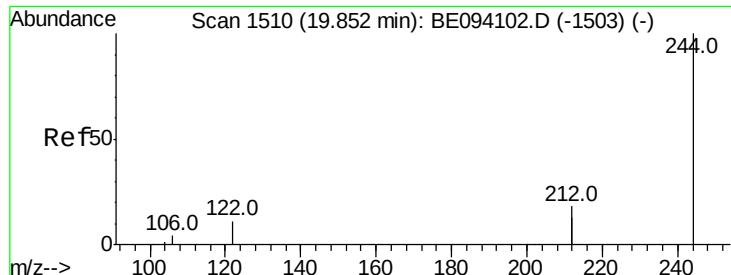


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 1.744 ng

RT: 19.87 min Scan# 1513

Delta R.T. 0.02 min

Lab File: BE094314.D

Acq: 12 Oct 2017 14:30

Instrument :

BNA_E

ClientSampleId :

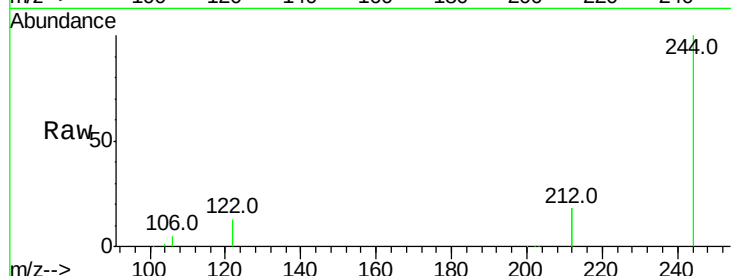
Tot Ion:244 Resp: 1786346

Ion Ratio Lower Upper

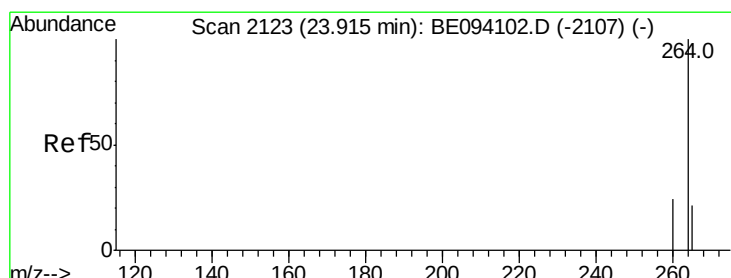
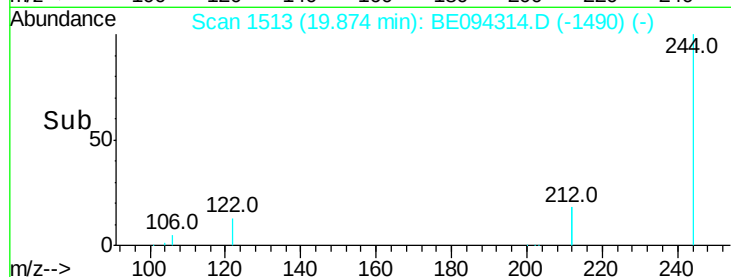
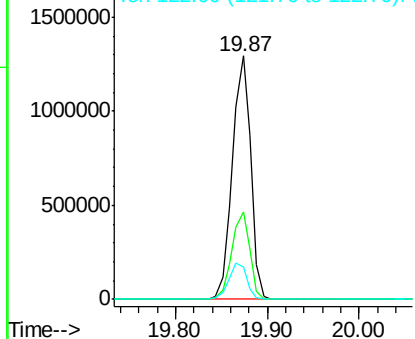
244 100

212 35.9 25.4 38.0

122 13.1 8.1 12.1#



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.97 min Scan# 2134

Delta R.T. 0.05 min

Lab File: BE094314.D

Acq: 12 Oct 2017 14:30

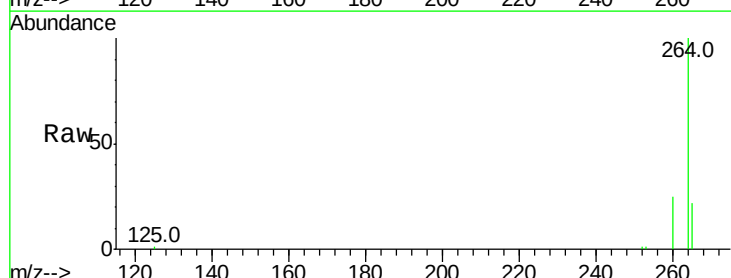
Tgt Ion:264 Resp: 531041

Ion Ratio Lower Upper

264 100

260 24.8 20.5 30.7

265 22.1 22.8 34.2#



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

