

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110818\
 Data File : BE098174.D
 Acq On : 7 Nov 2018 15:14
 Operator : SJ/JU
 Sample : J5820-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 07 16:27:18 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

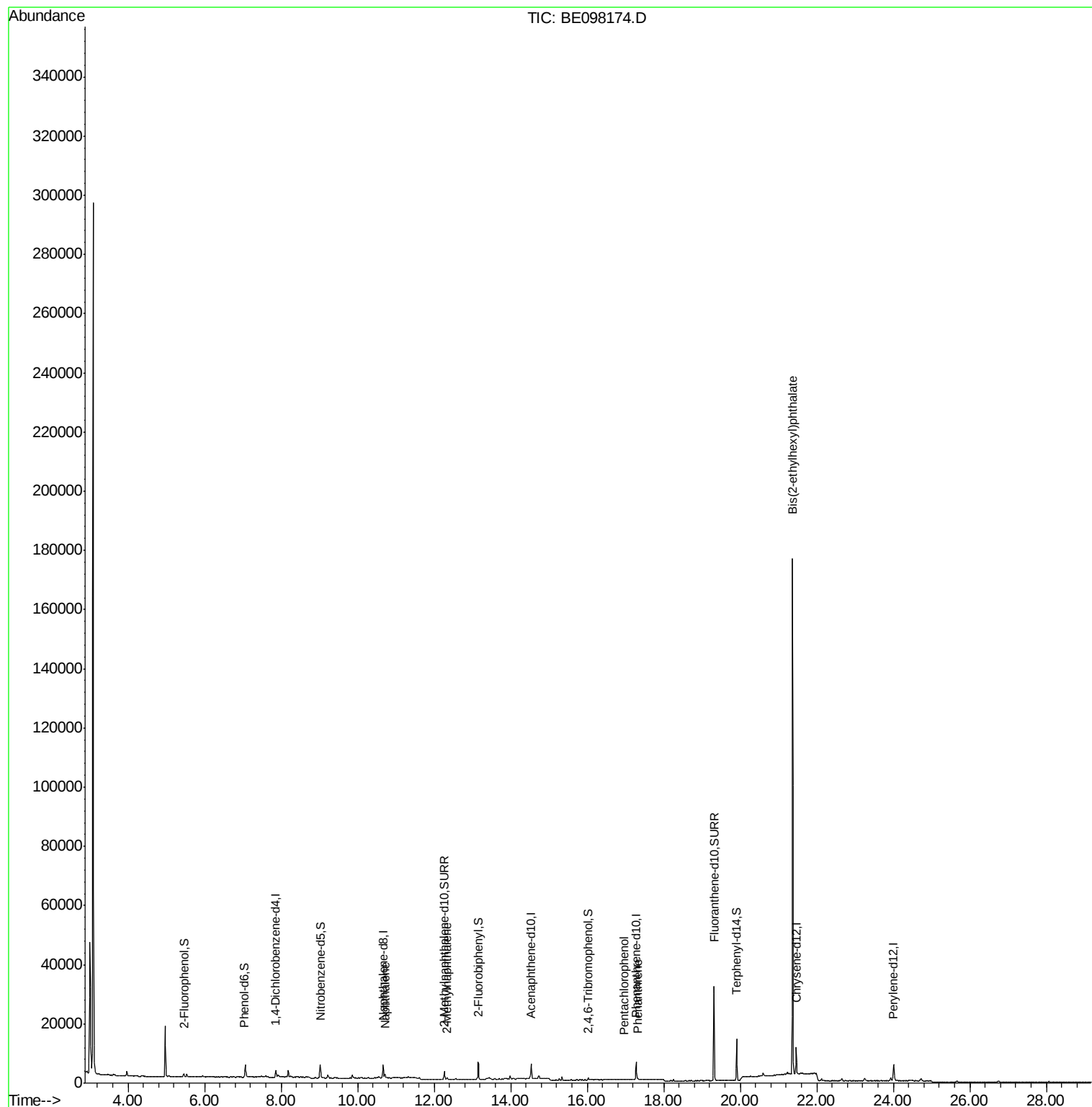
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	995	0.40	ng	-0.01
7) Naphthalene-d8	10.67	136	4791	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3335	0.40	ng	-0.01
19) Phenanthrene-d10	17.28	188	8083	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8720	0.40	ng	0.00
34) Perylene-d12	24.01	264	8461	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	605	0.20	ng	0.00
5) Phenol-d6	7.05	99	601	0.12	ng	0.00
8) Nitrobenzene-d5	9.03	82	2105	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	3420	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	525	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6222	0.45	ng	-0.01
25) Fluoranthene-d10	19.31	212	41767	0.40	ng	0.00
29) Terphenyl-d14	19.91	244	11680	0.58	ng	0.00
Target Compounds						
9) Naphthalene	10.72	128	1416	0.030	ng	# 88
12) 2-Methylnaphthalene	12.34	142	278	0.033	ng	# 83
22) Pentachlorophenol	16.95	266	55	0.170	ng	# 84
23) Phenanthrene	17.33	178	538	0.027	ng	# 84
32) Bis(2-ethylhexyl)phthalate	21.37	149	198588	3.392	ng	100

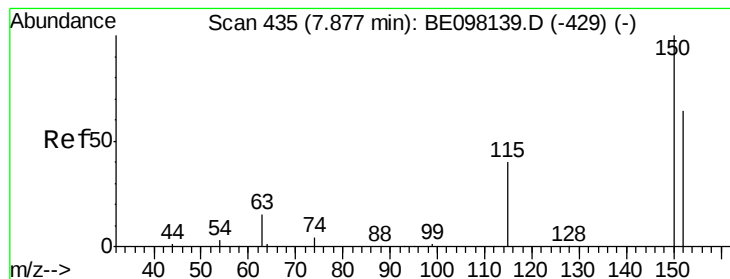
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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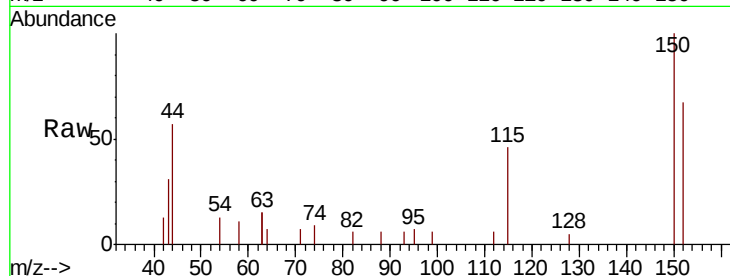


#1

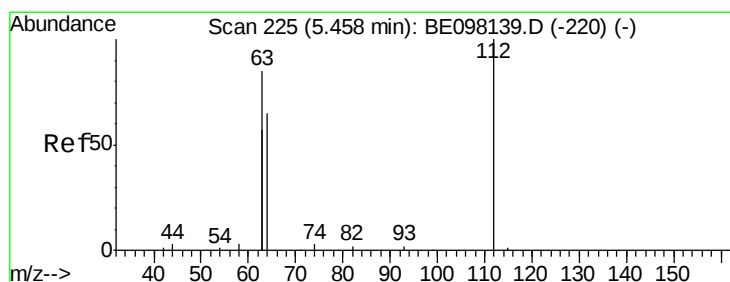
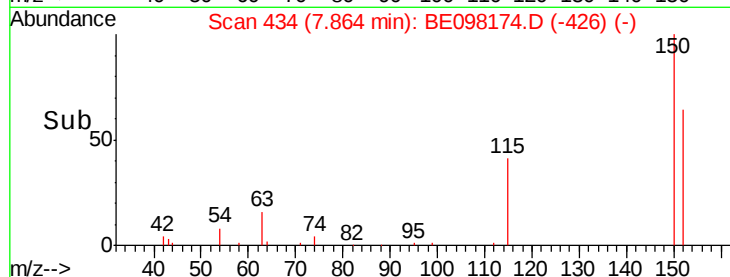
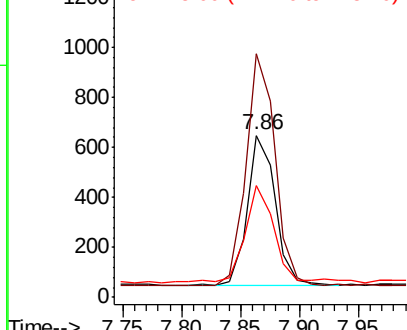
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.01 min
Lab File: BE098174.D
Acq: 7 Nov 2018 15:14

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 995
Ion Ratio Lower Upper
152 100
150 150.2 118.2 177.4
115 68.7 50.9 76.3



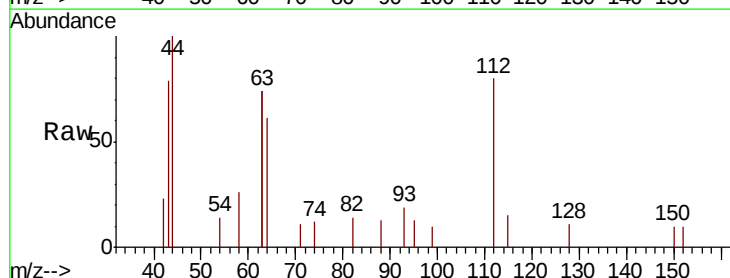
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



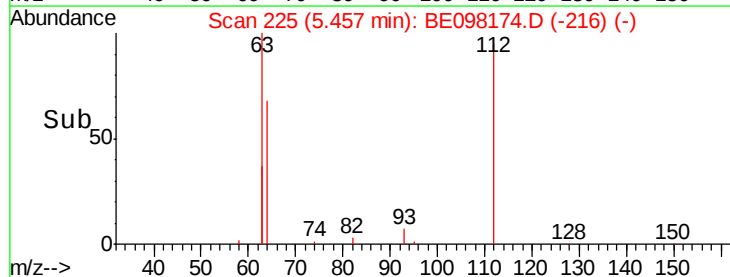
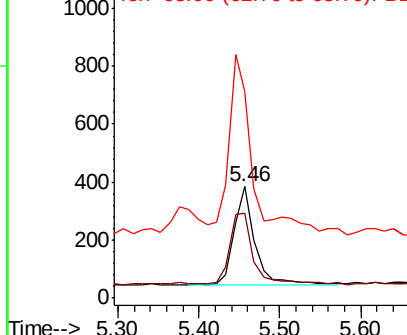
#4

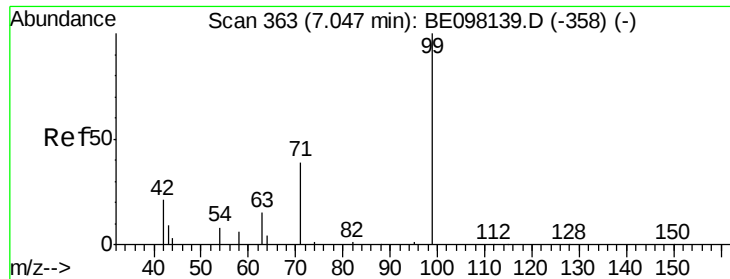
2-Fluorophenol
Concen: 0.205 ng
RT: 5.46 min Scan# 225
Delta R.T. -0.00 min
Lab File: BE098174.D
Acq: 7 Nov 2018 15:14

Tgt Ion:112 Resp: 605
Ion Ratio Lower Upper
112 100
64 85.6 58.9 88.3
63 153.2 120.3 180.5



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: 0.124 ng

RT: 7.05 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098174.D

Acq: 7 Nov 2018 15:14

Instrument :

BNA_E

ClientSampleId :

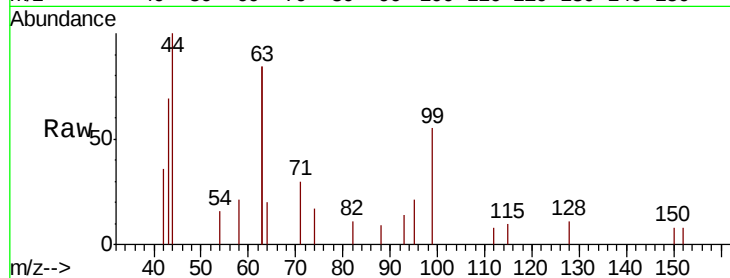
Tot Ion: 99 Resp: 601

Ion Ratio Lower Upper

99 100

42 89.2 19.9 29.9#

71 0.0 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

7.05

300

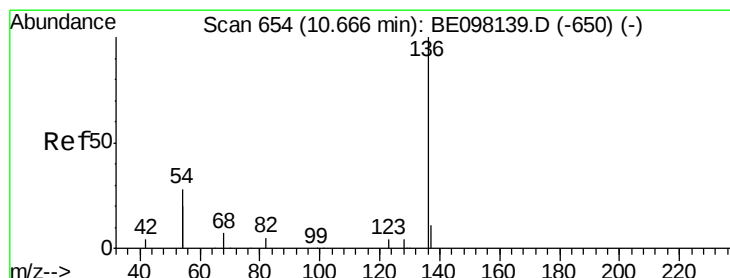
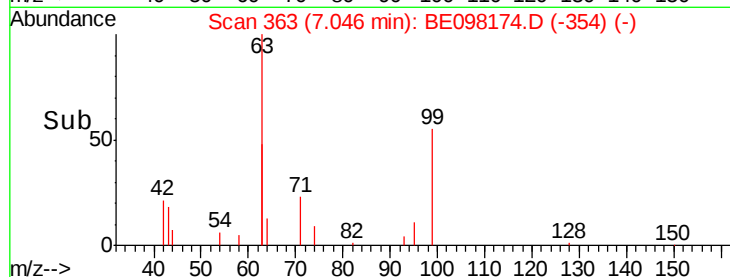
200

100

0

6.90 7.00 7.10 7.20

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098174.D

Acq: 7 Nov 2018 15:14

Tgt Ion: 136 Resp: 4791

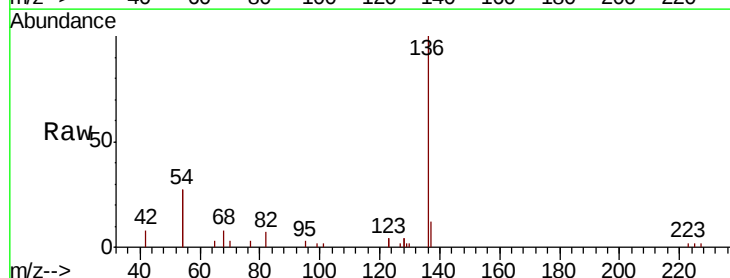
Ion Ratio Lower Upper

136 100

137 12.3 9.6 14.4

54 53.8 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

10.67

4000

3000

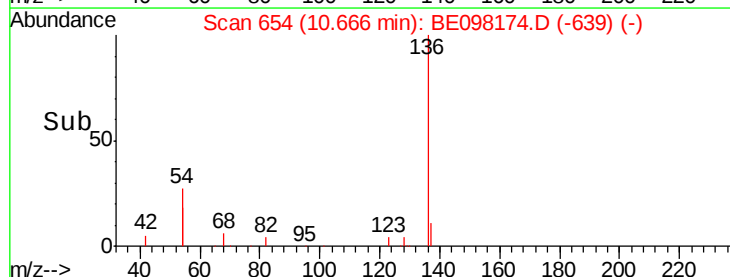
2000

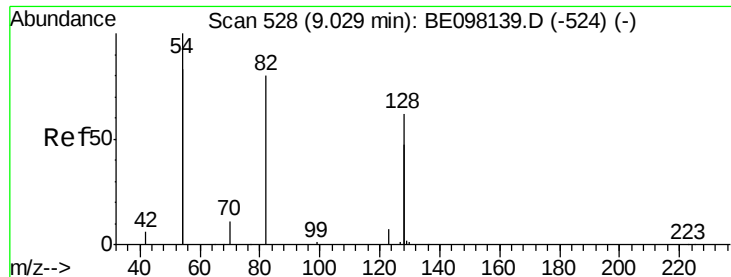
1000

0

10.60 10.70 10.80

Time-->





#8

Nitrobenzene-d5

Concen: 0.410 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.00 min

Lab File: BE098174.D

Acq: 7 Nov 2018 15:14

Instrument :

BNA_E

ClientSampleId :

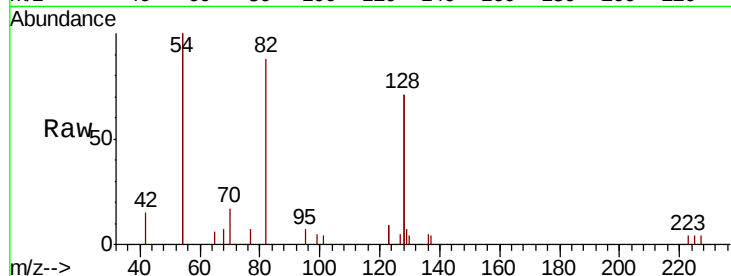
Tot Ion: 82 Resp: 2105

Ion Ratio Lower Upper

82 100

128 160.7 129.9 194.9

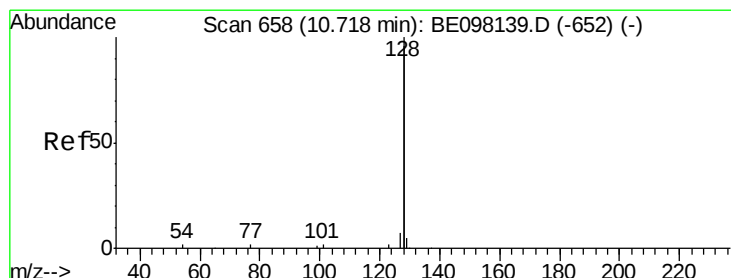
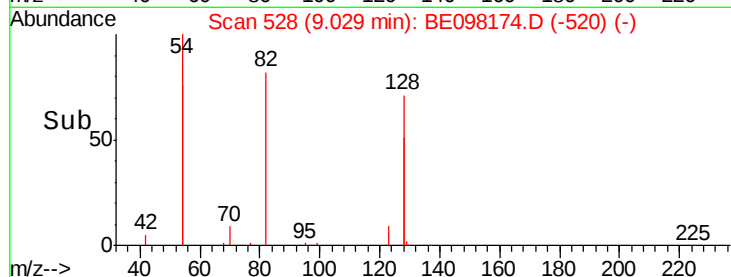
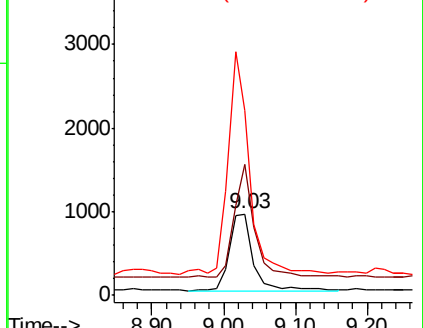
54 227.0 174.0 261.0



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: 0.030 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.00 min

Lab File: BE098174.D

Acq: 7 Nov 2018 15:14

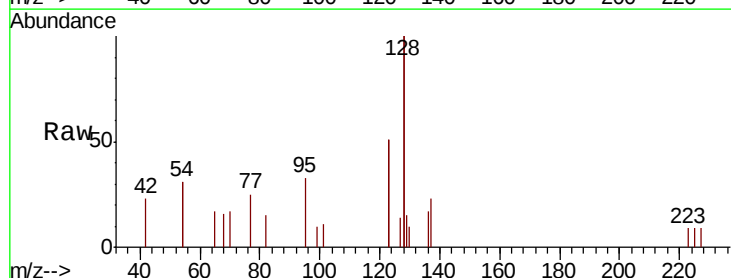
Tgt Ion:128 Resp: 1416

Ion Ratio Lower Upper

128 100

129 7.3 2.5 3.7#

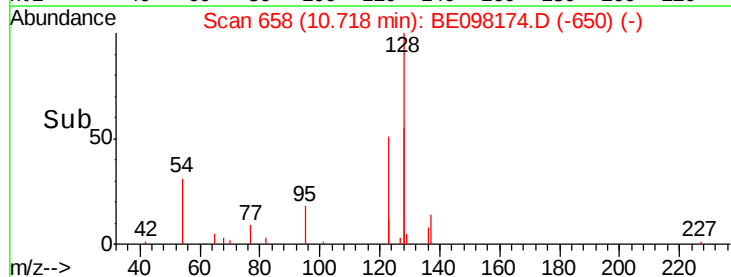
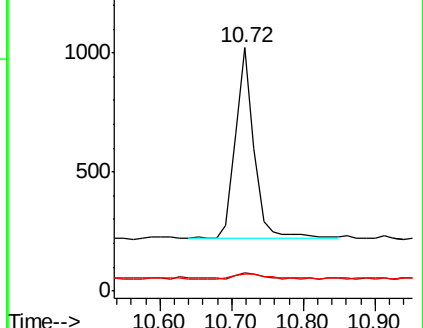
127 7.1 2.8 4.2#

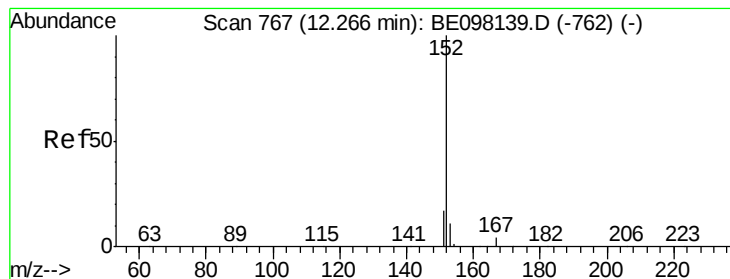


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.405 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098174.D

Acq: 7 Nov 2018 15:14

Instrument :

BNA_E

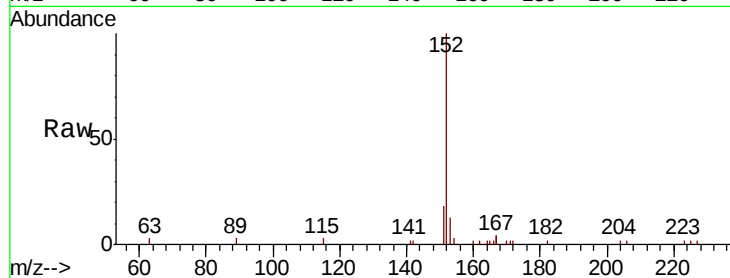
ClientSampleId :

Tot Ion:152 Resp: 3420

Ion Ratio Lower Upper

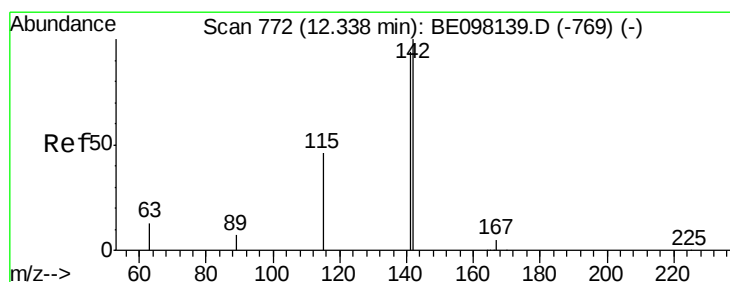
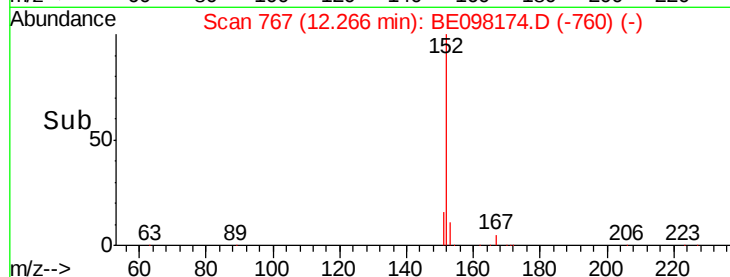
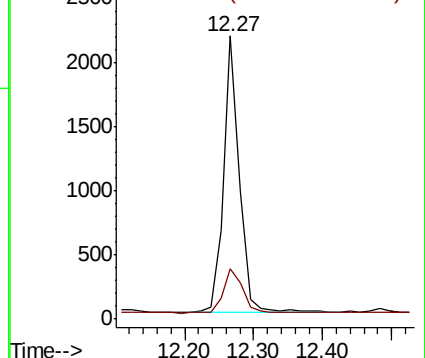
152 100

151 20.4 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.033 ng

RT: 12.34 min Scan# 772

Delta R.T. 0.00 min

Lab File: BE098174.D

Acq: 7 Nov 2018 15:14

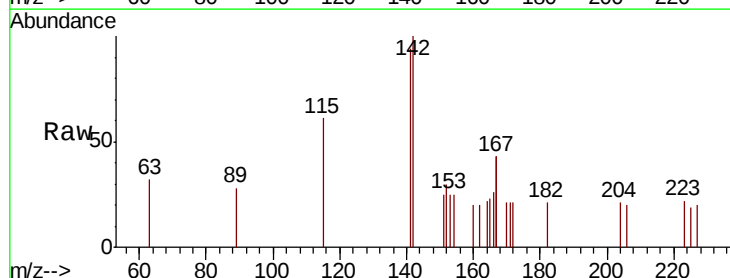
Tgt Ion:142 Resp: 278

Ion Ratio Lower Upper

142 100

141 94.2 69.8 104.6

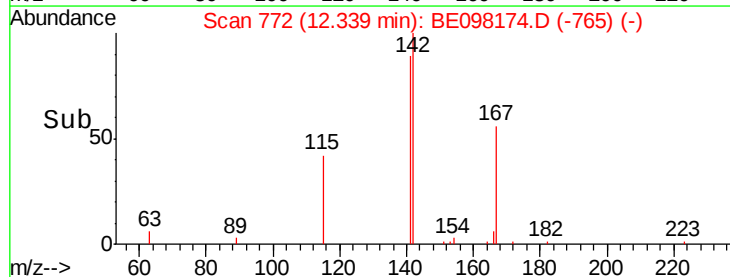
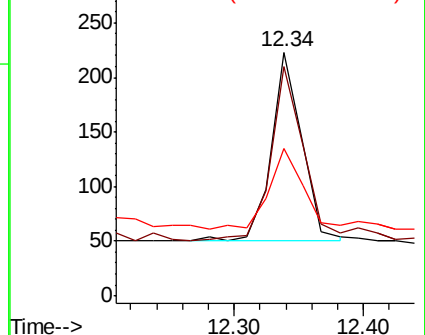
115 60.5 30.5 45.7#

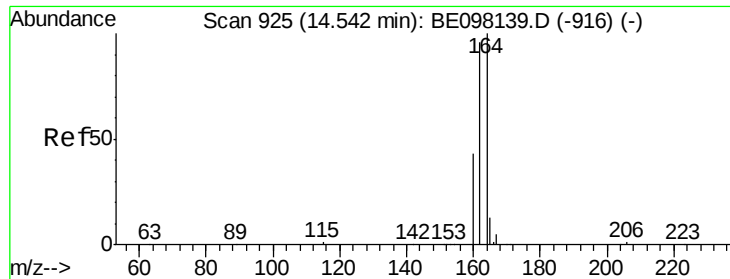


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

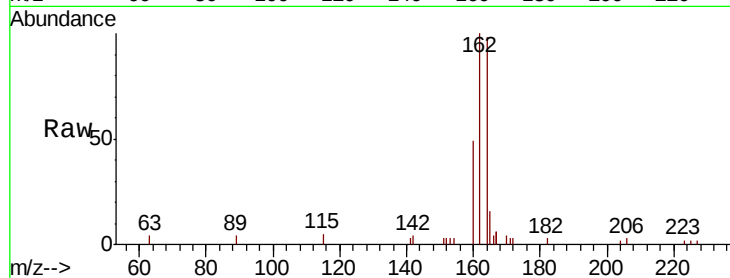




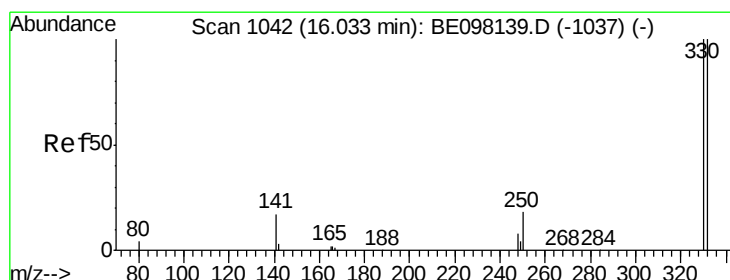
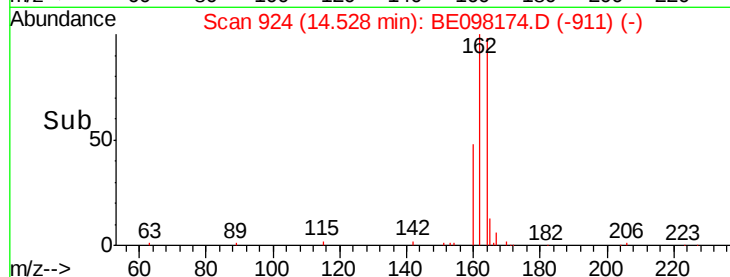
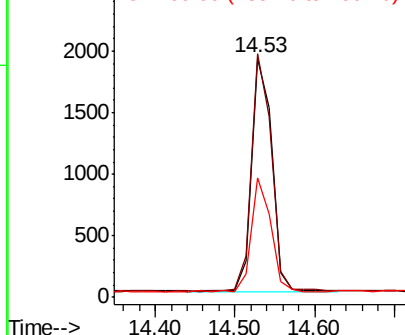
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.01 min
Lab File: BE098174.D
Acq: 7 Nov 2018 15:14

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 3335
Ion Ratio Lower Upper
164 100
162 101.9 77.4 116.2
160 49.9 36.5 54.7

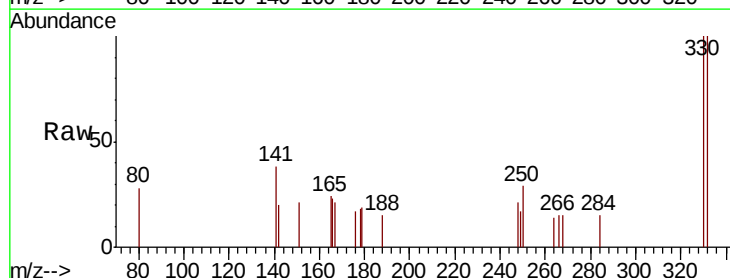


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

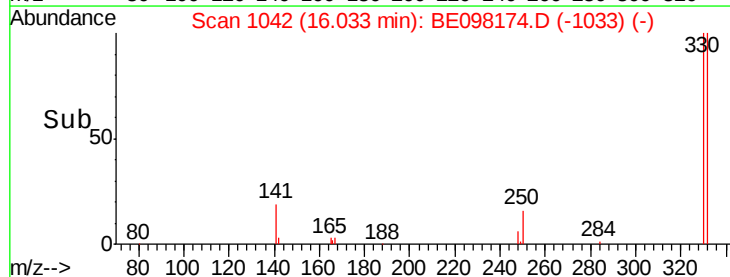
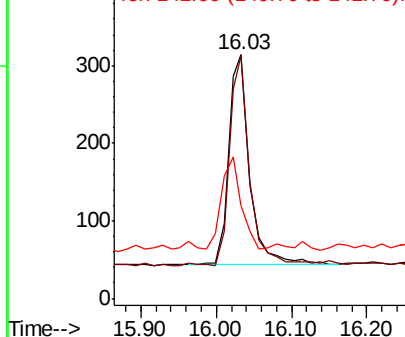


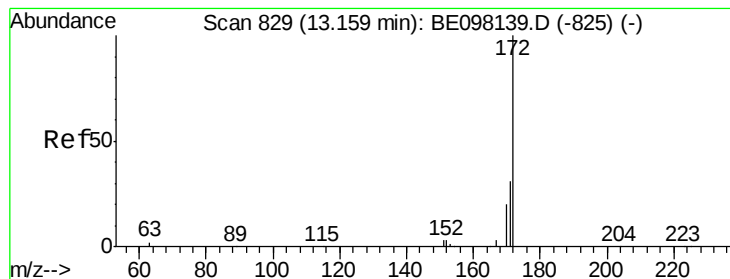
#14
2,4,6-Tribromophenol
Concen: 0.332 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BE098174.D
Acq: 7 Nov 2018 15:14

Tgt Ion:330 Resp: 525
Ion Ratio Lower Upper
330 100
332 94.3 76.5 114.7
141 42.1 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

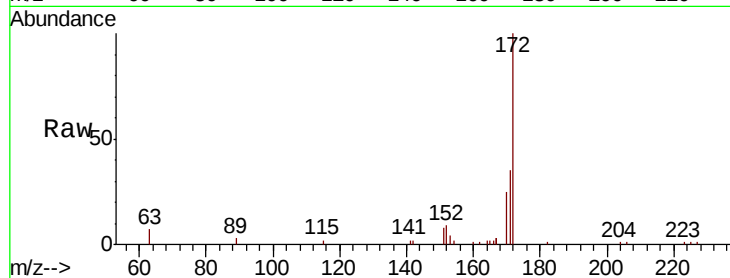




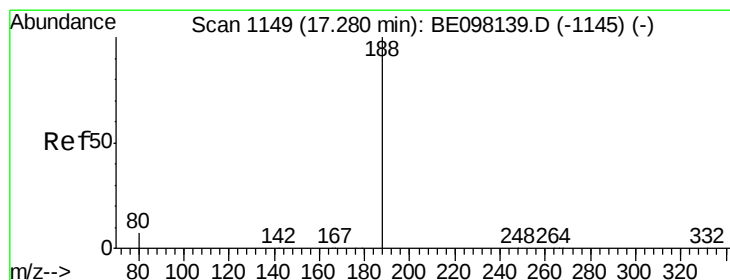
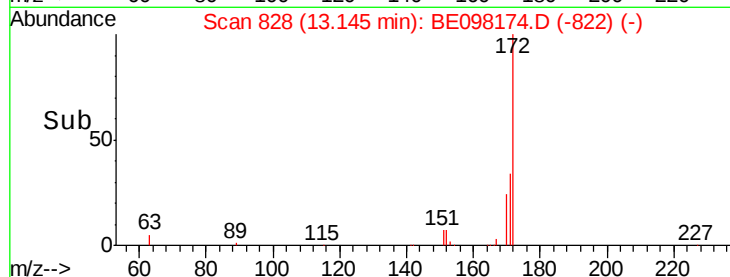
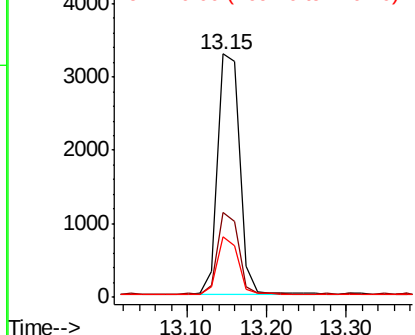
#15
2-Fluorobiphenyl
Concen: 0.454 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.01 min
Lab File: BE098174.D
Acq: 7 Nov 2018 15:14

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 6222
Ion Ratio Lower Upper
172 100
171 34.8 26.0 39.0
170 24.8 18.0 27.0

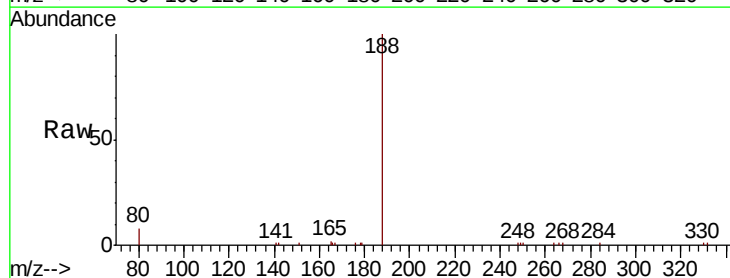


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

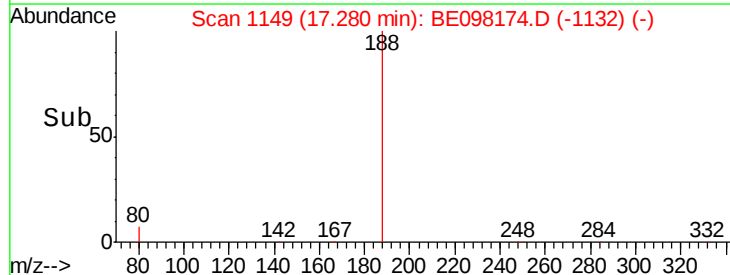
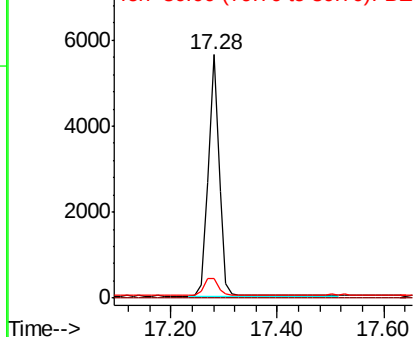


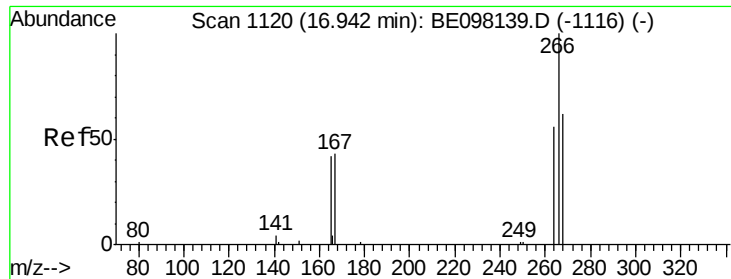
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BE098174.D
Acq: 7 Nov 2018 15:14

Tgt Ion:188 Resp: 8083
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

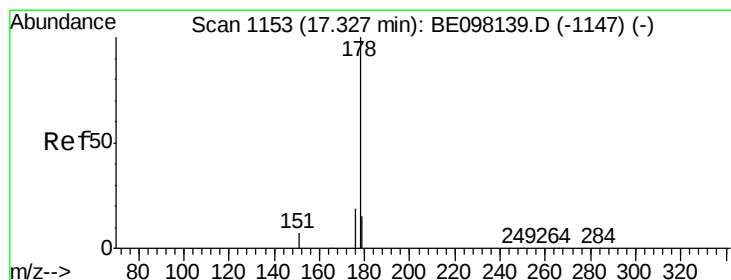
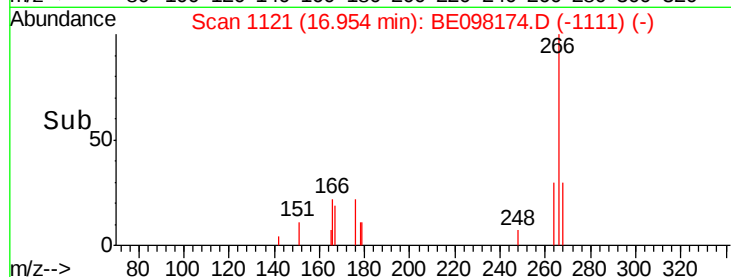
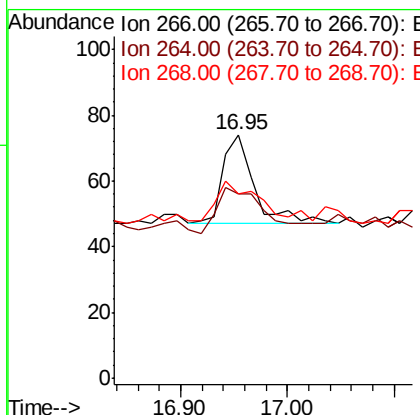
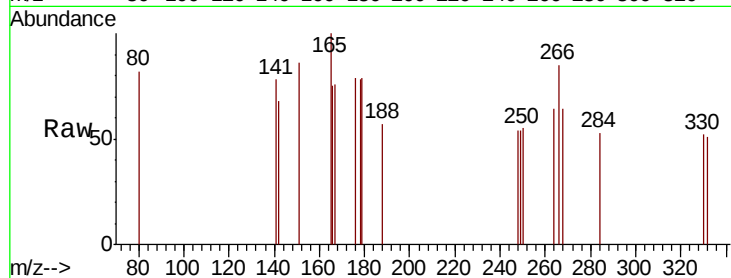




#22
Pentachlorophenol
Concen: 0.170 ng
RT: 16.95 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BE098174.D
Acq: 7 Nov 2018 15:14

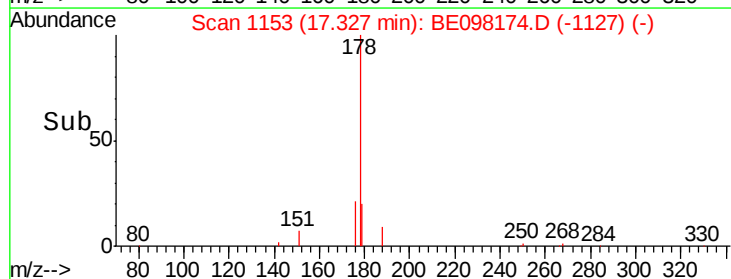
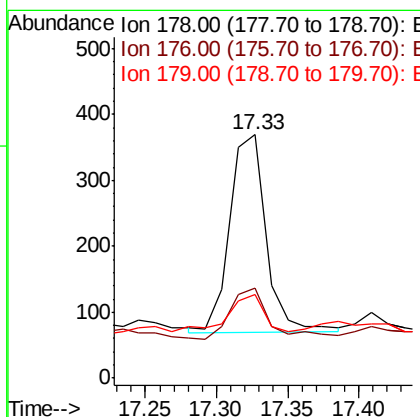
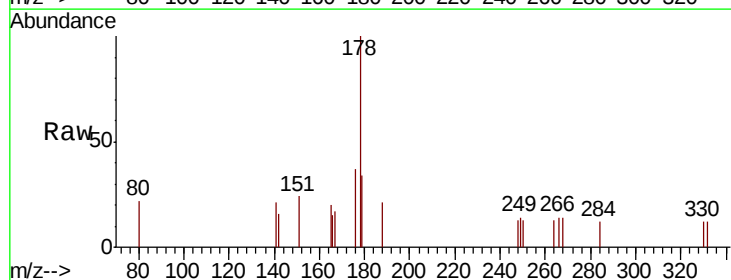
Instrument :
BNA_E
ClientSampled :

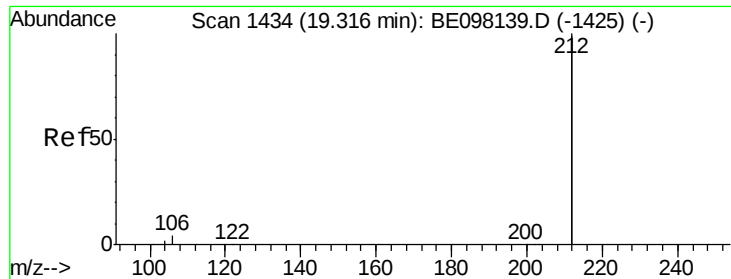
Tot Ion:266 Resp: 55
Ion Ratio Lower Upper
266 100
264 75.7 51.3 76.9
268 75.7 50.1 75.1#



#23
Phenanthrene
Concen: 0.027 ng
RT: 17.33 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE098174.D
Acq: 7 Nov 2018 15:14

Tgt Ion:178 Resp: 538
Ion Ratio Lower Upper
178 100
176 29.0 15.5 23.3#
179 19.0 12.2 18.4#





#25

Fluoranthene-d10

Concen: 0.401 ng

RT: 19.31 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BE098174.D

Acq: 7 Nov 2018 15:14

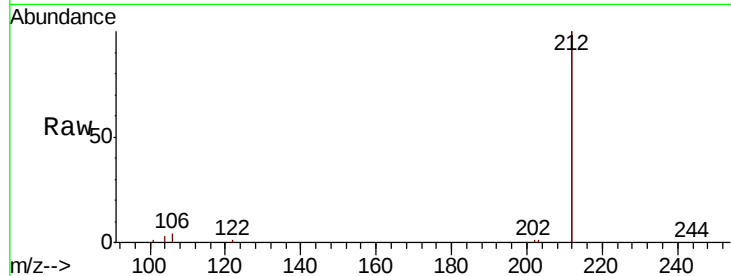
Instrument :

BNA_E

ClientSampleId :

Tot Ion:212 Resp: 41767

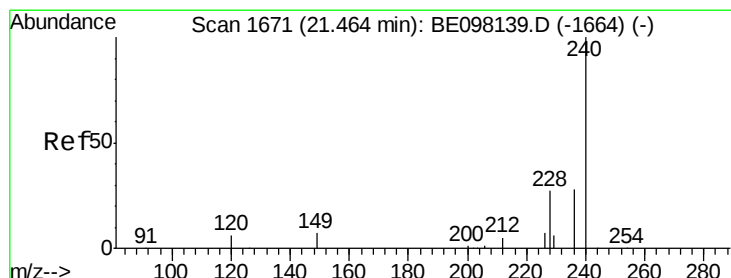
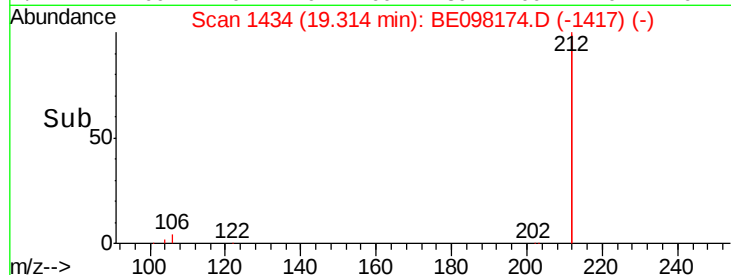
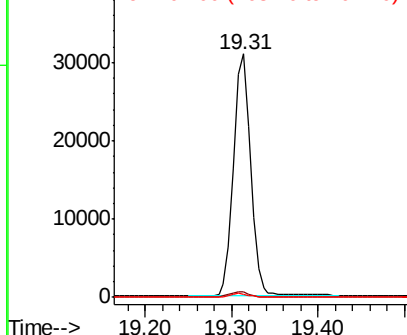
Ion	Ratio	Lower	Upper
212	100		
106	2.3	2.3	3.5#
104	1.3	1.3	1.9



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

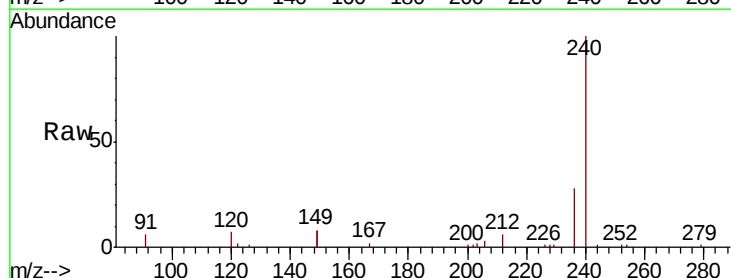
Delta R.T. -0.00 min

Lab File: BE098174.D

Acq: 7 Nov 2018 15:14

Tgt Ion:240 Resp: 8720

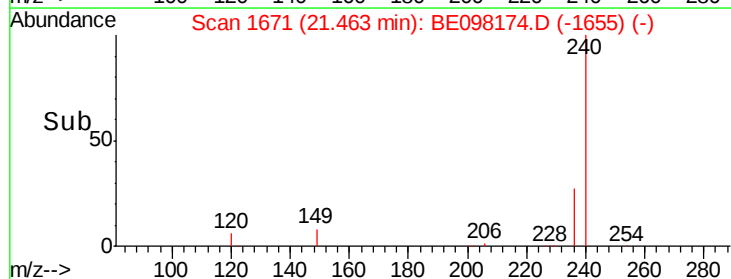
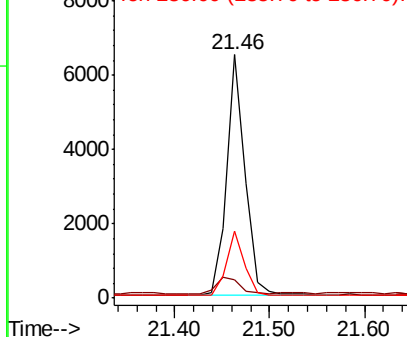
Ion	Ratio	Lower	Upper
240	100		
120	7.4	7.1	10.7
236	27.7	21.3	31.9

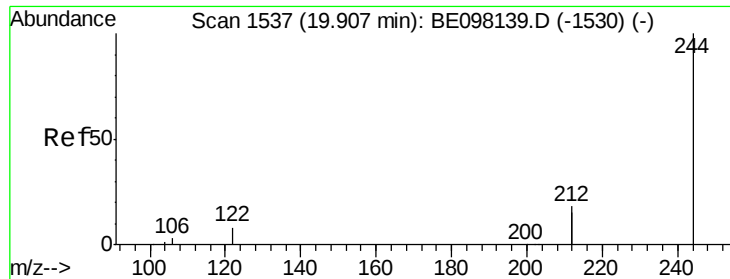


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.576 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098174.D

Acq: 7 Nov 2018 15:14

Instrument :

BNA_E

ClientSampleId :

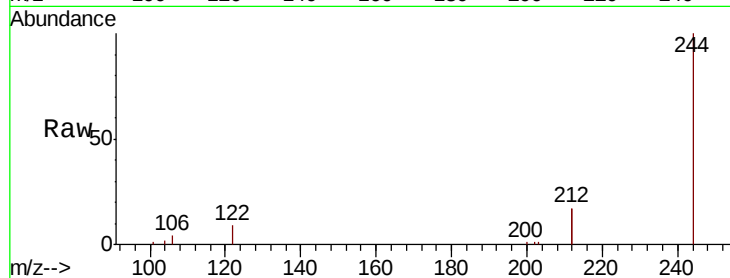
Tot Ion:244 Resp: 11680

Ion Ratio Lower Upper

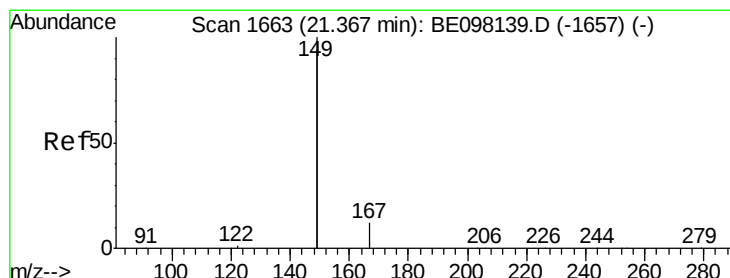
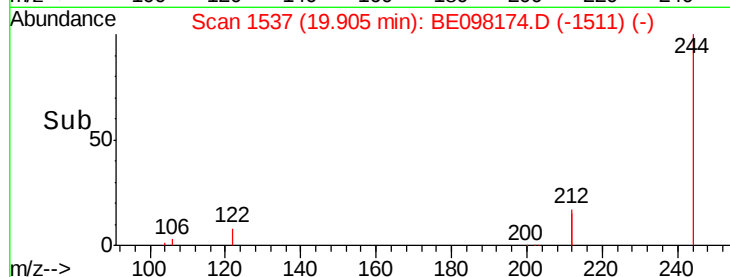
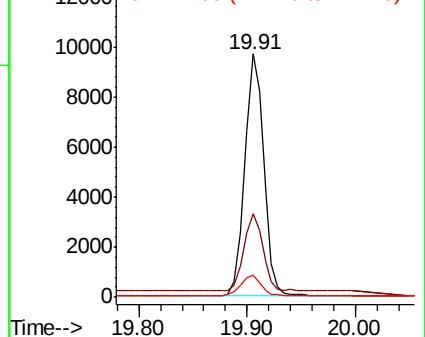
244 100

212 34.5 26.2 39.2

122 8.9 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: 3.392 ng

RT: 21.37 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BE098174.D

Acq: 7 Nov 2018 15:14

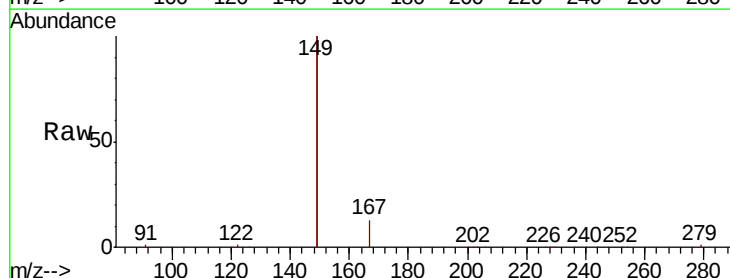
Tgt Ion:149 Resp: 198588

Ion Ratio Lower Upper

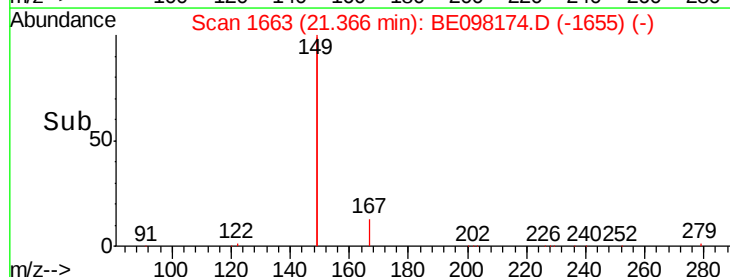
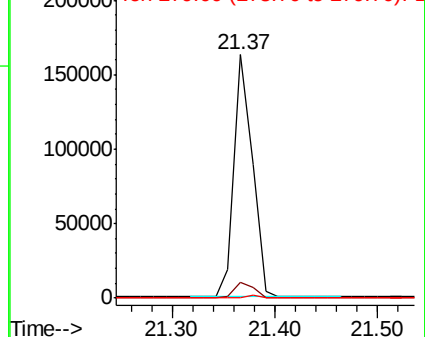
149 100

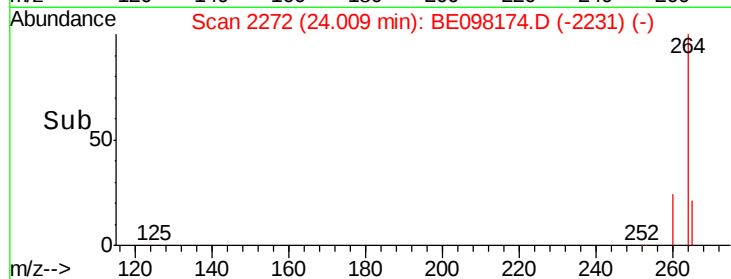
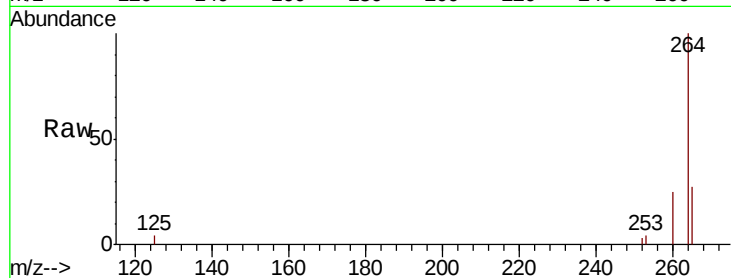
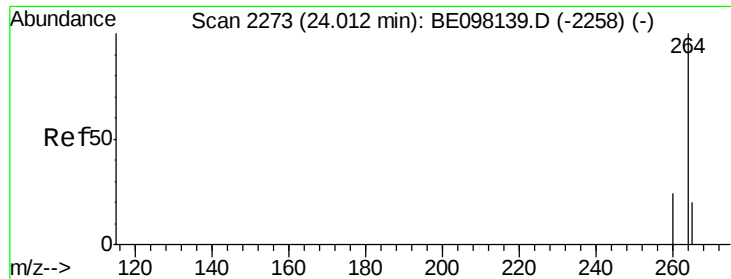
167 6.8 5.6 8.4

279 1.1 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: 24.01 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BE098174.D

Acq: 7 Nov 2018 15:14

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 8461

Ion Ratio Lower Upper

264 100

260 25.4 21.1 31.7

265 26.9 29.2 43.8#

