

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110818\
 Data File : BE098169.D
 Acq On : 7 Nov 2018 12:12
 Operator : SJ/JU
 Sample : J5820-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 07 16:26:22 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	875	0.40	ng	-0.01
7) Naphthalene-d8	10.67	136	4259	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3614	0.40	ng	-0.01
19) Phenanthrene-d10	17.28	188	7271	0.40	ng	0.00
27) Chrysene-d12	21.46	240	7832	0.40	ng	0.00
34) Perylene-d12	24.01	264	7627	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.45	112	571	0.22	ng	0.00
5) Phenol-d6	7.04	99	509	0.12	ng	0.00
8) Nitrobenzene-d5	9.02	82	1999	0.44	ng	-0.01
11) 2-Methylnaphthalene-d10	12.27	152	3165	0.42	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	827	0.48	ng	-0.01
15) 2-Fluorobiphenyl	13.15	172	6221	0.42	ng	-0.01
25) Fluoranthene-d10	19.31	212	38478	0.41	ng	0.00
29) Terphenyl-d14	19.91	244	11588	0.64	ng	0.00

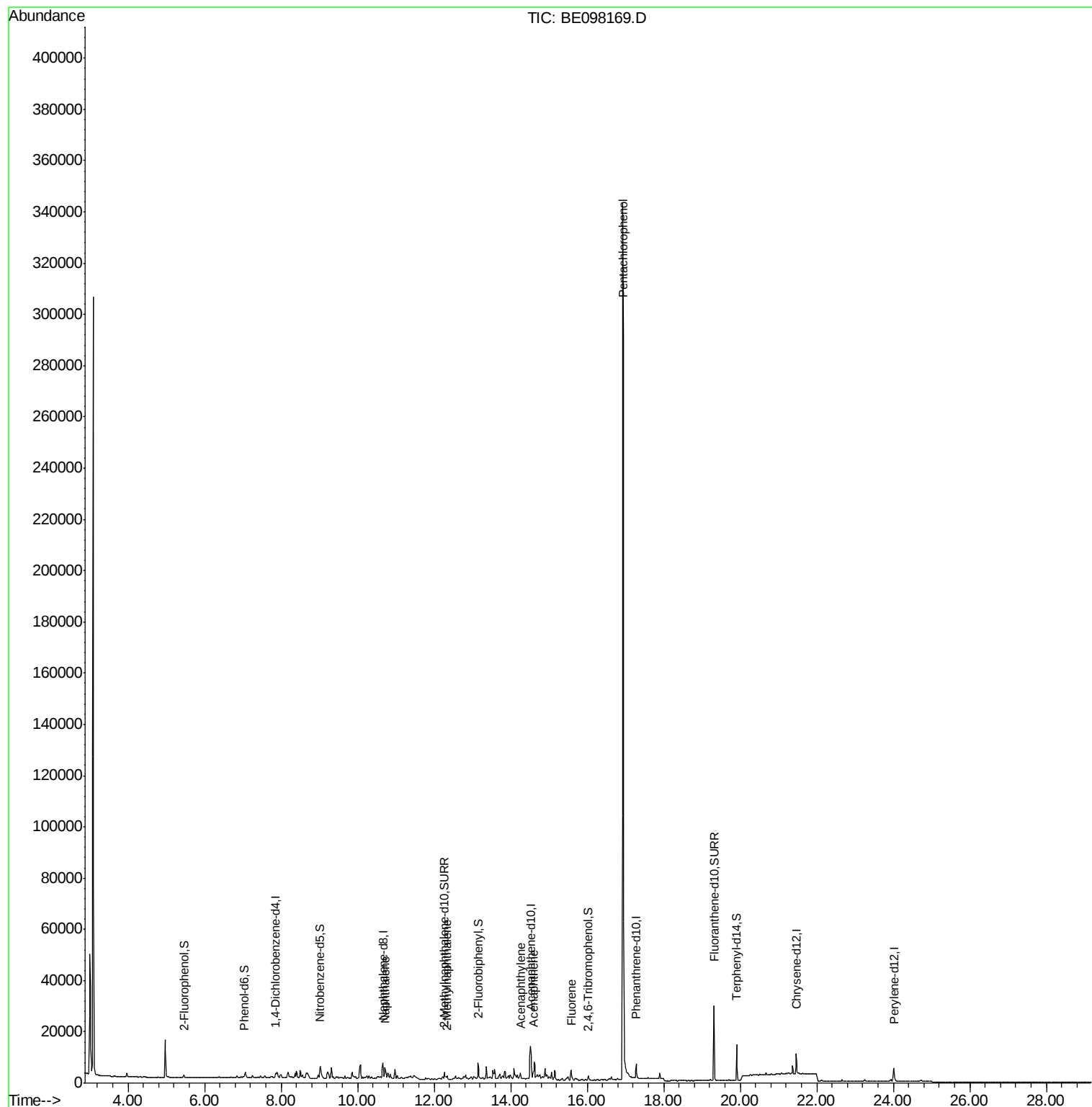
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Naphthalene	10.72	128	5251	0.123	ng	# 75
12) 2-Methylnaphthalene	12.34	142	866	0.114	ng	# 73
16) Acenaphthylene	14.26	152	539	0.033	ng	# 1
17) Acenaphthene	14.60	154	1315	0.133	ng	# 63
18) Fluorene	15.58	166	3283	0.250	ng	91
22) Pentachlorophenol	16.94	266	184432	134.759	ng	95
32) Bis(2-ethylhexyl)phthalate	21.37	149	3507	Below Cal	#	92

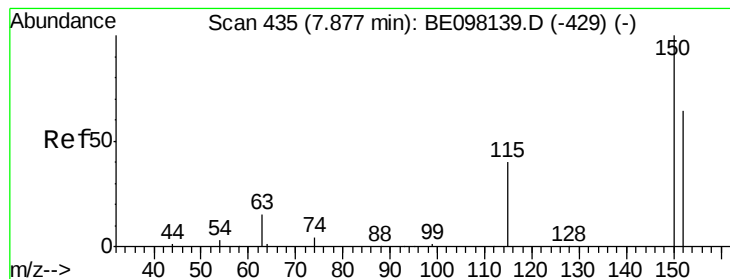
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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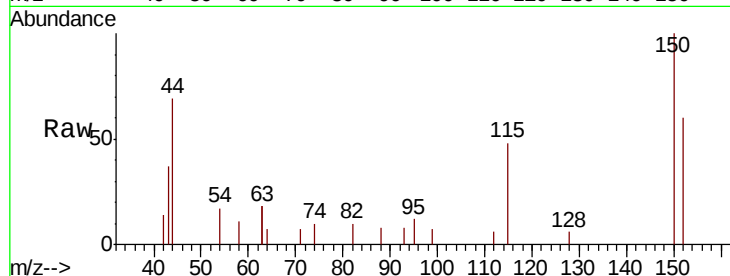


#1

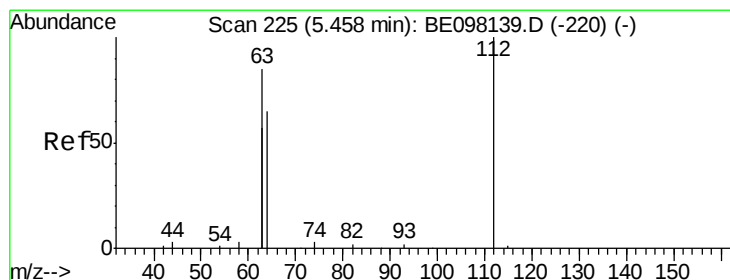
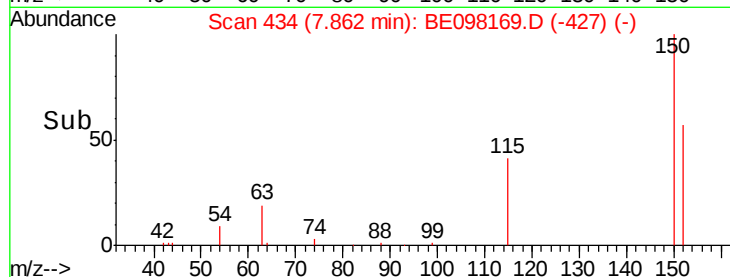
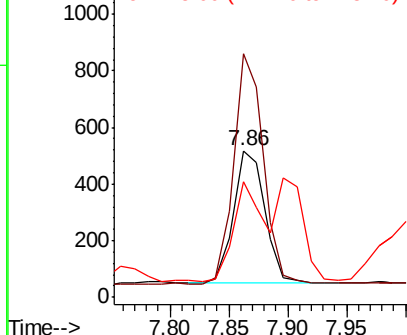
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.01 min
Lab File: BE098169.D
Acq: 7 Nov 2018 12:12

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 875
Ion Ratio Lower Upper
152 100
150 165.7 118.2 177.4
115 78.8 50.9 76.3#



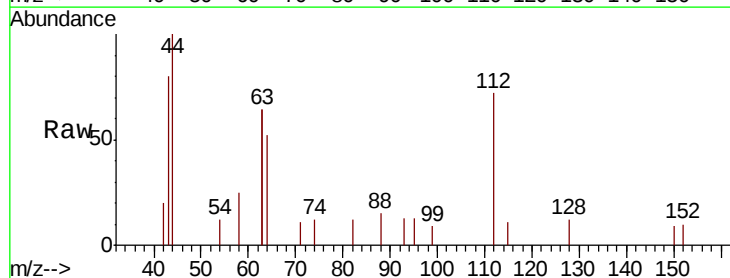
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



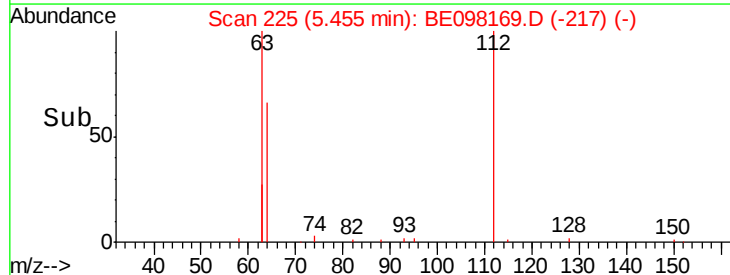
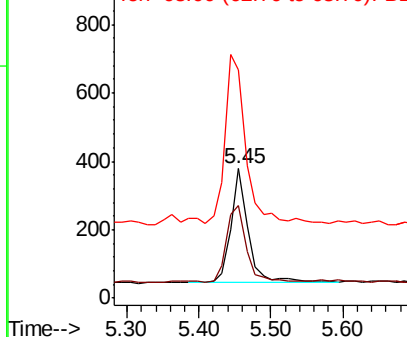
#4

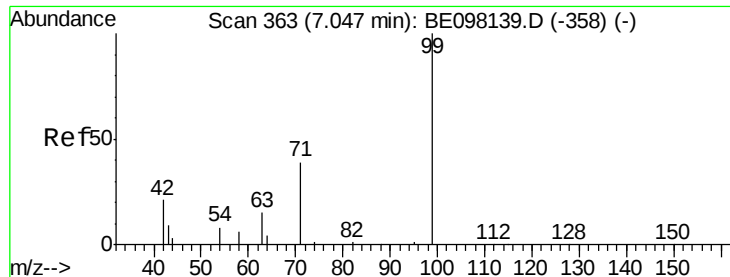
2-Fluorophenol
Concen: 0.220 ng
RT: 5.45 min Scan# 225
Delta R.T. -0.00 min
Lab File: BE098169.D
Acq: 7 Nov 2018 12:12

Tgt Ion:112 Resp: 571
Ion Ratio Lower Upper
112 100
64 76.2 58.9 88.3
63 168.7 120.3 180.5



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: 0.119 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098169.D

Acq: 7 Nov 2018 12:12

Instrument :

BNA_E

ClientSampleId :

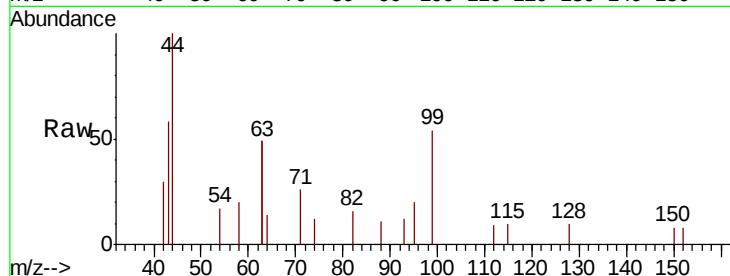
Tot Ion: 99 Resp: 509

Ion Ratio Lower Upper

99 100

42 56.6 19.9 29.9#

71 57.0 27.8 41.8#

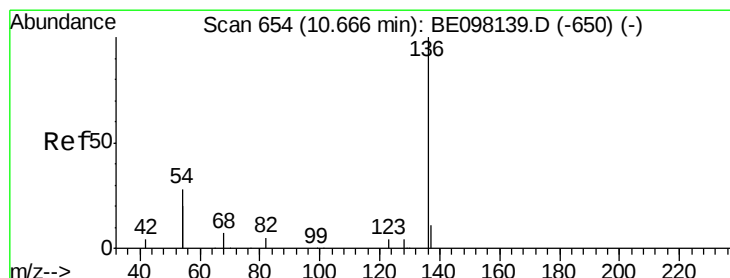
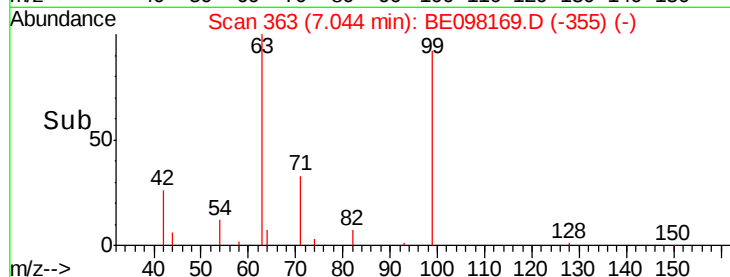
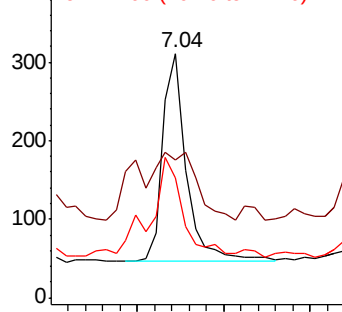


Abundance

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

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098169.D

Acq: 7 Nov 2018 12:12

Tgt Ion: 136 Resp: 4259

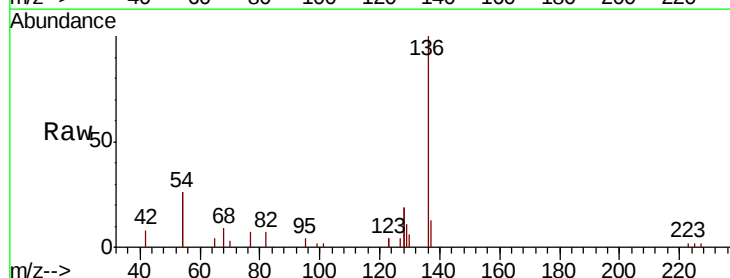
Ion Ratio Lower Upper

136 100

137 12.9 9.6 14.4

54 51.5 27.7 41.5#

68 9.2 5.3 7.9#



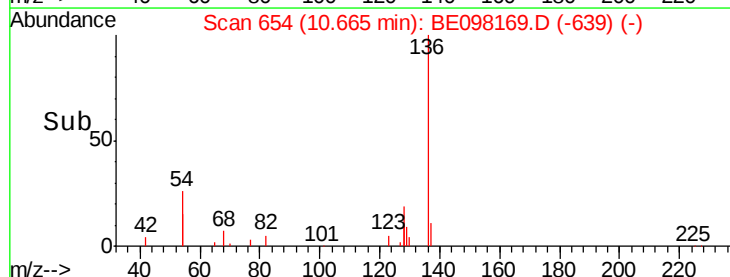
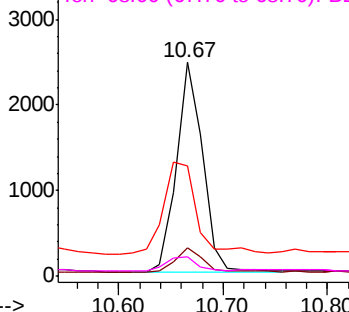
Abundance

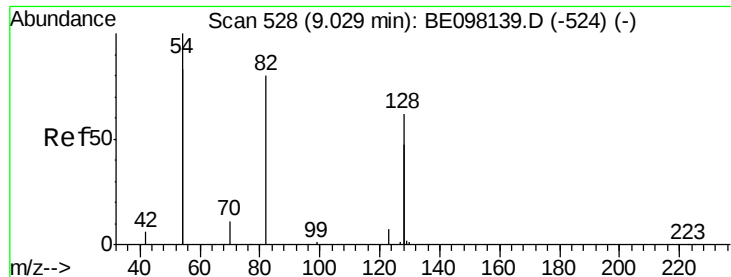
Ion 136.00 (135.70 to 136.70): E

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: 0.438 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.01 min

Lab File: BE098169.D

Acq: 7 Nov 2018 12:12

Instrument :

BNA_E

ClientSampleId :

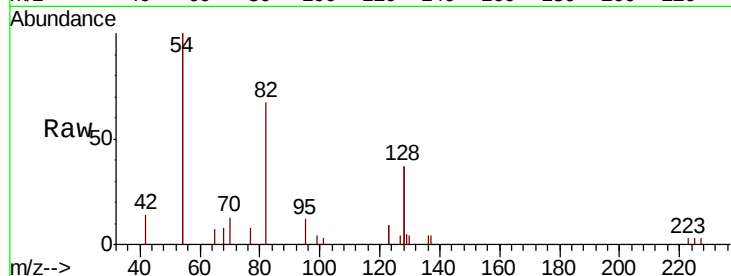
Tot Ion: 82 Resp: 1999

Ion Ratio Lower Upper

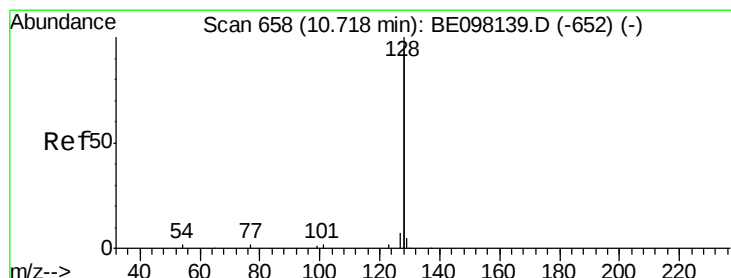
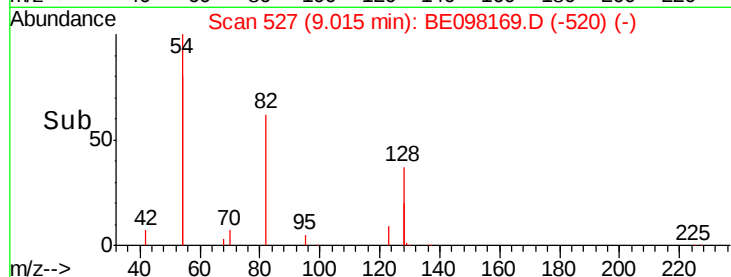
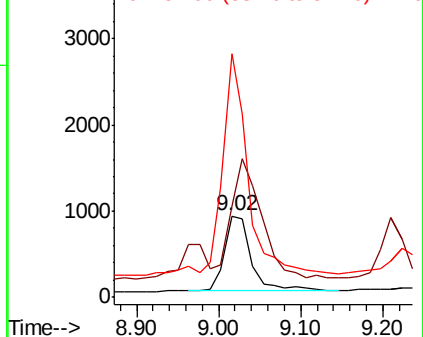
82 100

128 111.9 129.9 194.9#

54 299.8 174.0 261.0#



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: 0.123 ng

RT: 10.72 min Scan# 658

Delta R.T. -0.00 min

Lab File: BE098169.D

Acq: 7 Nov 2018 12:12

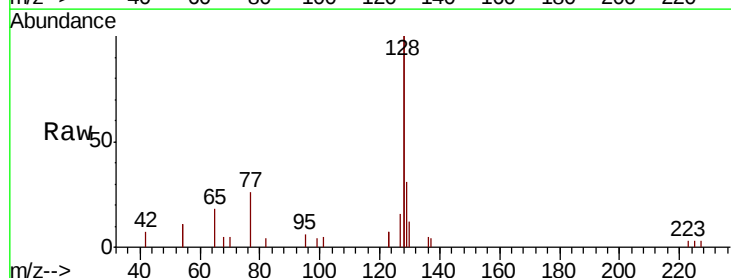
Tgt Ion:128 Resp: 5251

Ion Ratio Lower Upper

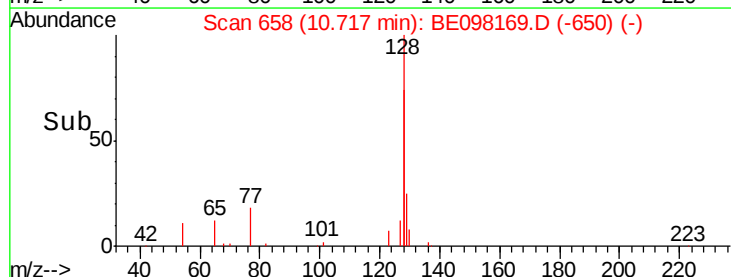
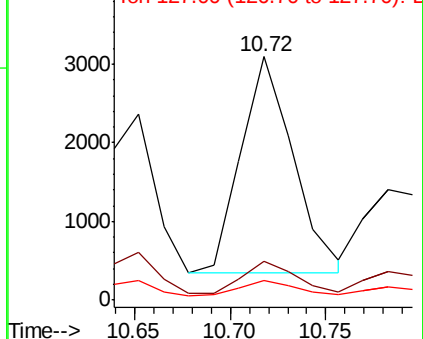
128 100

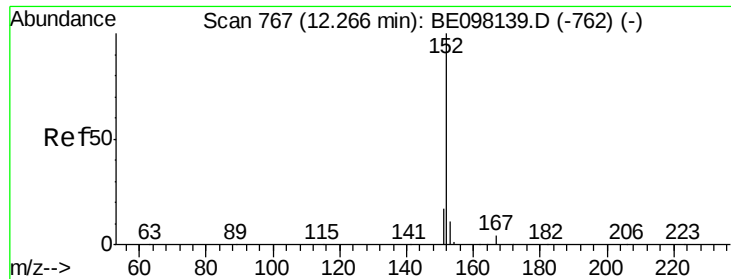
129 15.7 2.5 3.7#

127 7.9 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

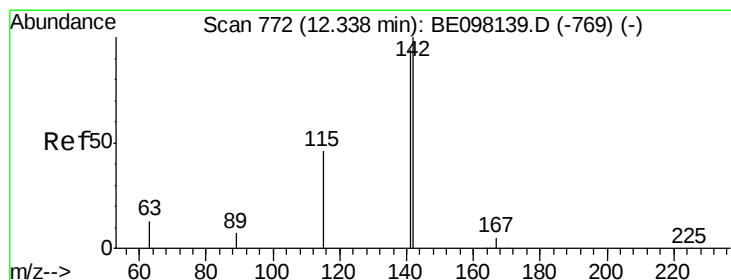
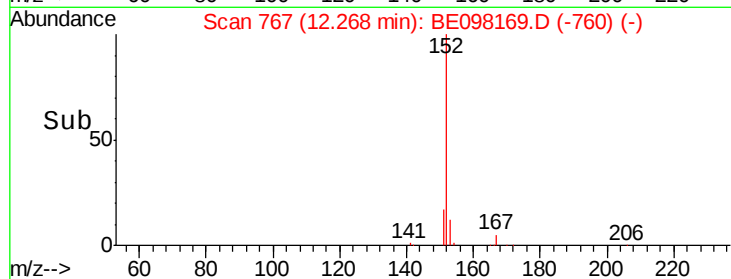
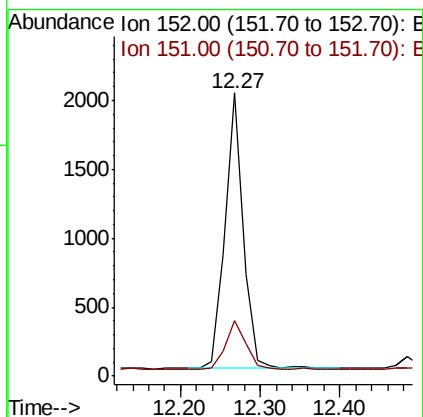
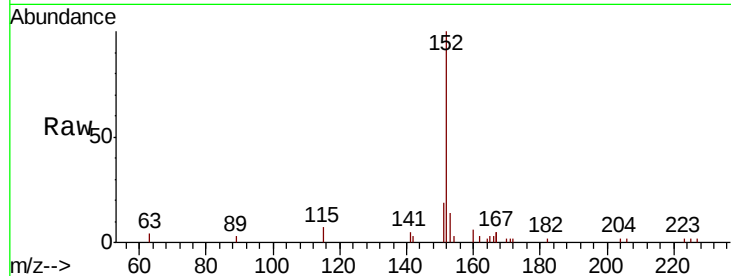




#11
 2-Methylnaphthalene-d10
 Concen: 0.422 ng
 RT: 12.27 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BE098169.D
 Acq: 7 Nov 2018 12:12

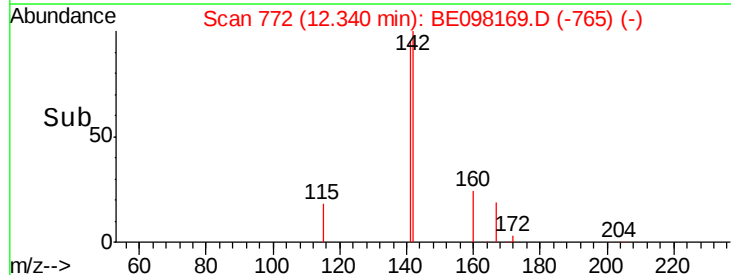
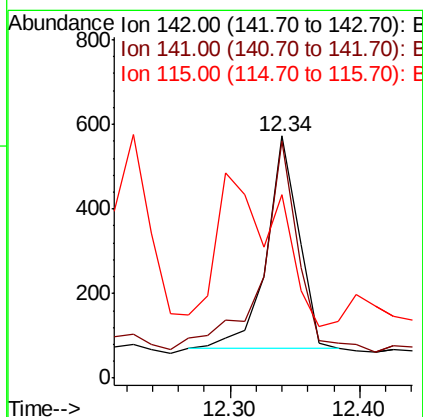
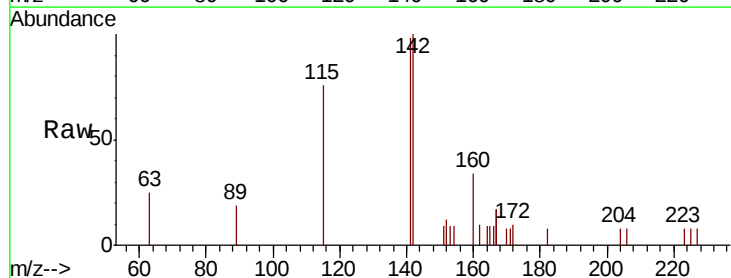
Instrument :
 BNA_E
 ClientSampleId :

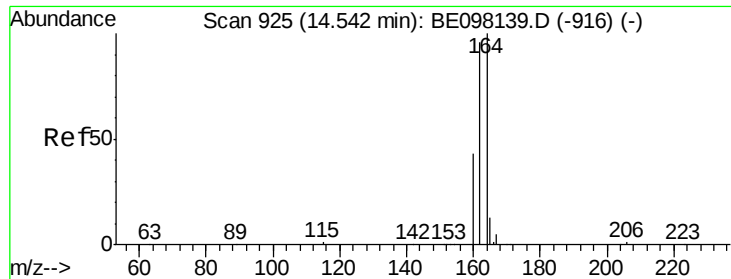
Tot Ion:152 Resp: 3165
 Ion Ratio Lower Upper
 152 100
 151 19.2 16.2 24.4



#12
 2-Methylnaphthalene
 Concen: 0.114 ng
 RT: 12.34 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BE098169.D
 Acq: 7 Nov 2018 12:12

Tgt Ion:142 Resp: 866
 Ion Ratio Lower Upper
 142 100
 141 97.9 69.8 104.6
 115 75.7 30.5 45.7#

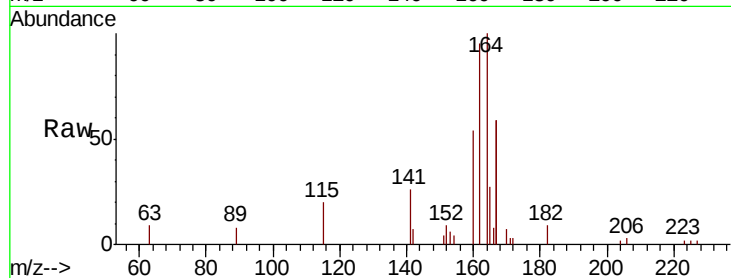




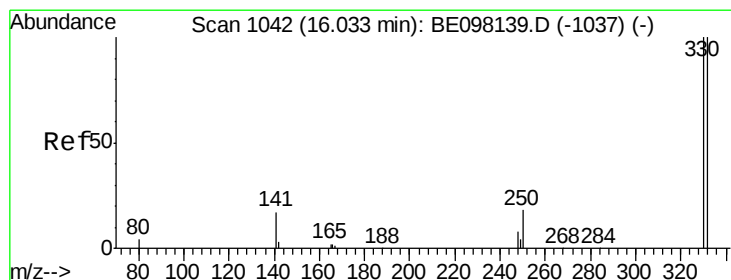
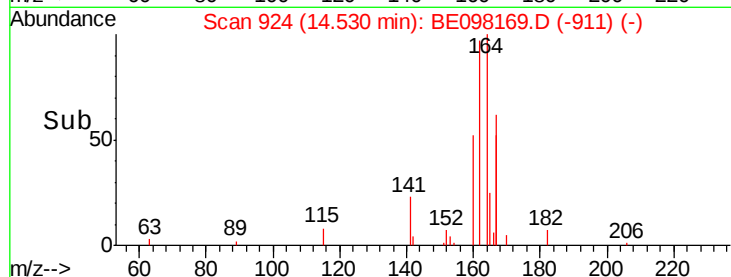
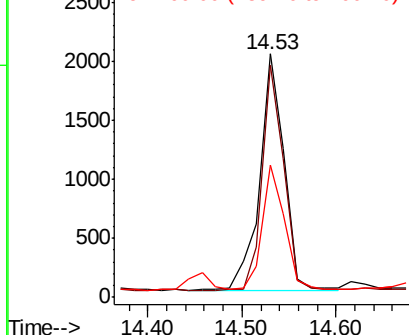
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. -0.01 min
 Lab File: BE098169.D
 Acq: 7 Nov 2018 12:12

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 3614
 Ion Ratio Lower Upper
 164 100
 162 95.2 77.4 116.2
 160 54.1 36.5 54.7

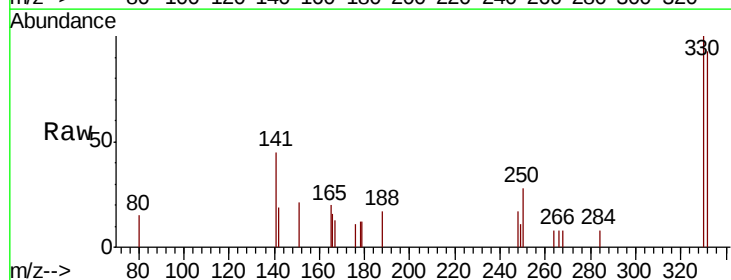


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

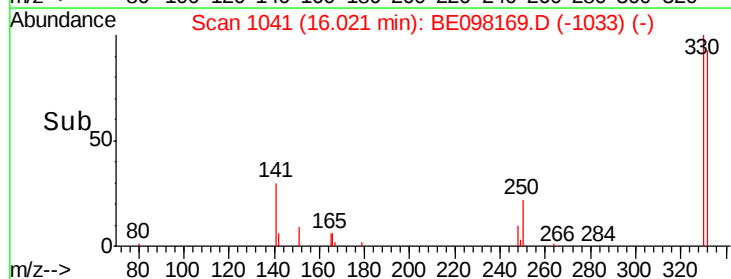
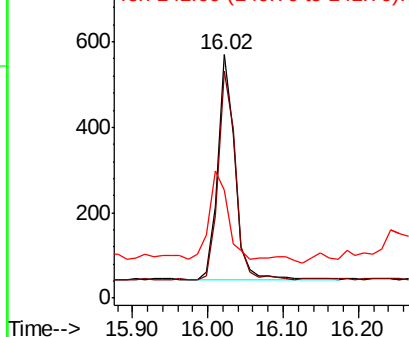


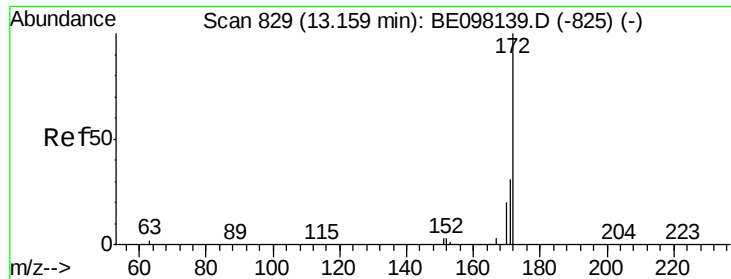
#14
 2,4,6-Tribromophenol
 Concen: 0.483 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BE098169.D
 Acq: 7 Nov 2018 12:12

Tgt Ion:330 Resp: 827
 Ion Ratio Lower Upper
 330 100
 332 94.0 76.5 114.7
 141 41.7 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

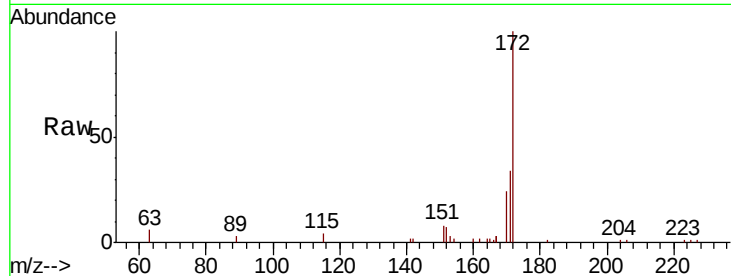




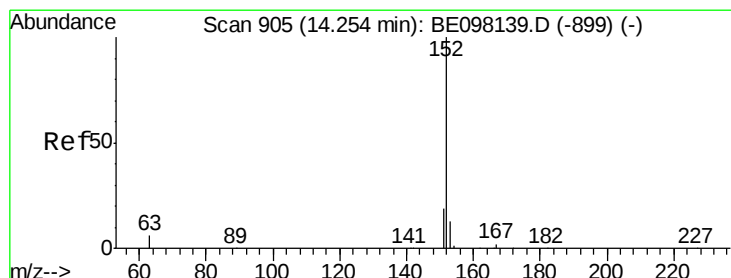
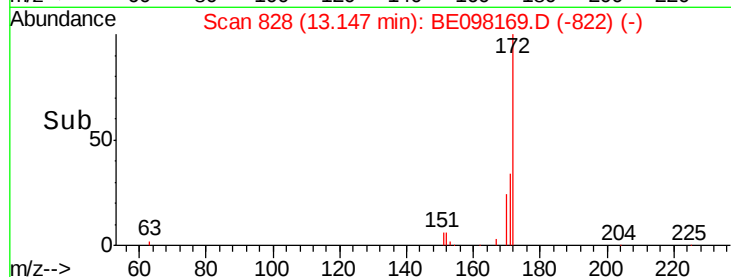
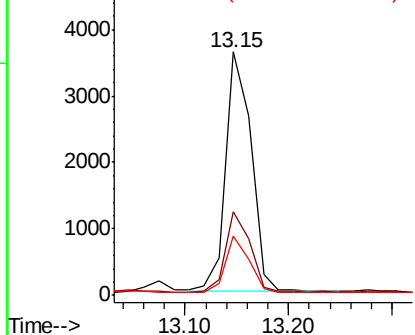
#15
2-Fluorobiphenyl
Concen: 0.419 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.01 min
Lab File: BE098169.D
Acq: 7 Nov 2018 12:12

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 6221
Ion Ratio Lower Upper
172 100
171 34.3 26.0 39.0
170 24.2 18.0 27.0

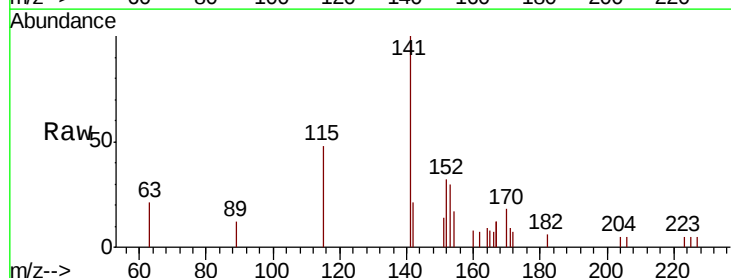


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

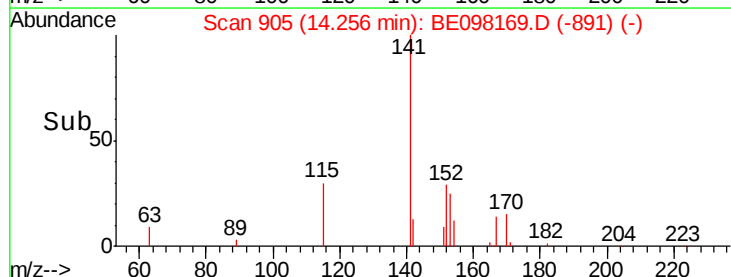
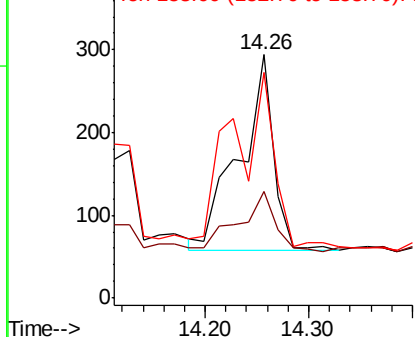


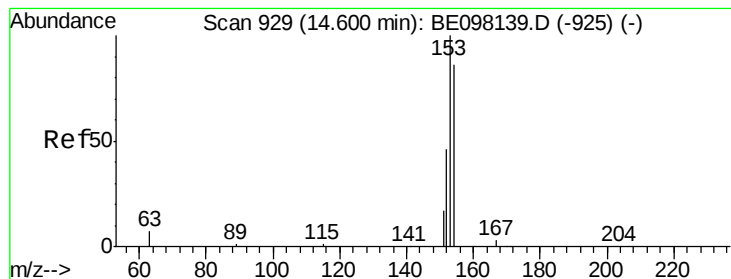
#16
Acenaphthylene
Concen: 0.033 ng
RT: 14.26 min Scan# 905
Delta R.T. 0.00 min
Lab File: BE098169.D
Acq: 7 Nov 2018 12:12

Tgt Ion:152 Resp: 539
Ion Ratio Lower Upper
152 100
151 33.2 16.1 24.1#
153 119.3 10.9 16.3#



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





#17

Acenaphthene

Concen: 0.133 ng

RT: 14.60 min Scan# 929

Delta R.T. 0.00 min

Lab File: BE098169.D

Acq: 7 Nov 2018 12:12

Instrument :

BNA_E

ClientSampleId :

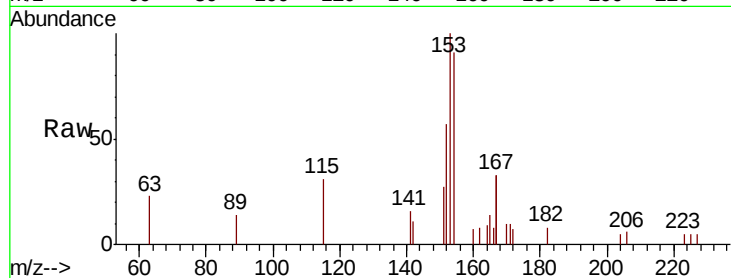
Tot Ion:154 Resp: 1315

Ion Ratio Lower Upper

154 100

153 140.7 92.6 139.0#

152 104.3 45.5 68.3#

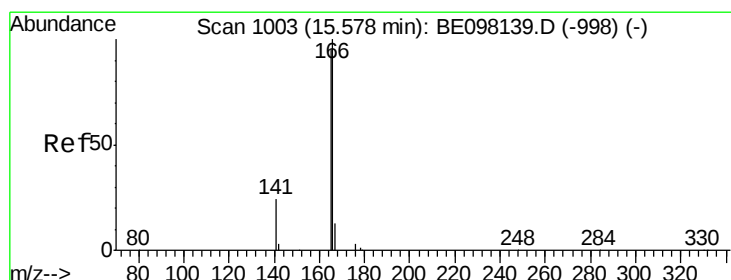
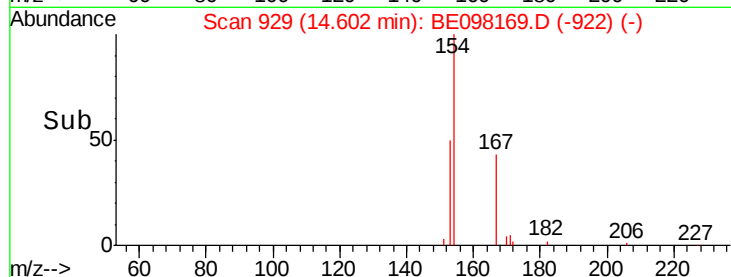
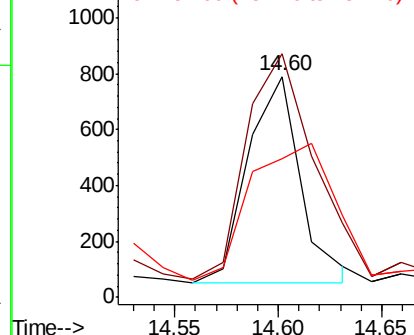


Abundance

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



#18

Fluorene

Concen: 0.250 ng

RT: 15.58 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BE098169.D

Acq: 7 Nov 2018 12:12

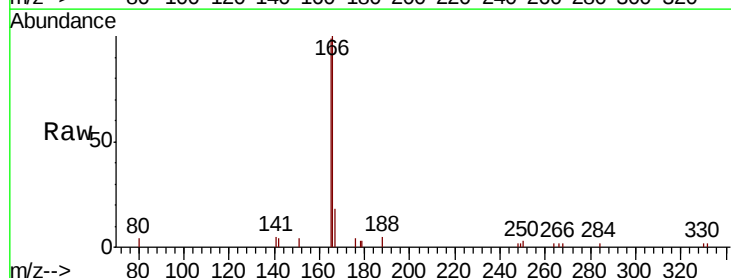
Tgt Ion:166 Resp: 3283

Ion Ratio Lower Upper

166 100

165 107.6 78.2 117.4

167 15.9 11.0 16.6

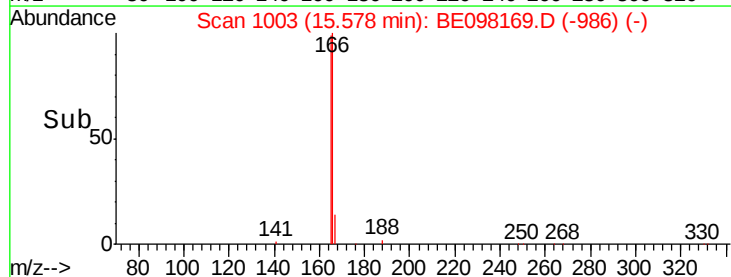
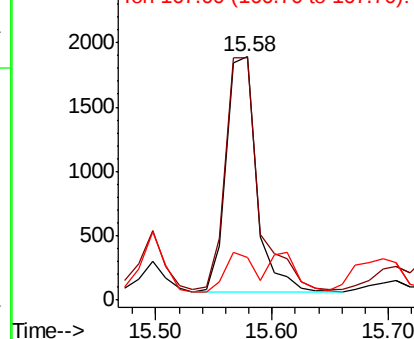


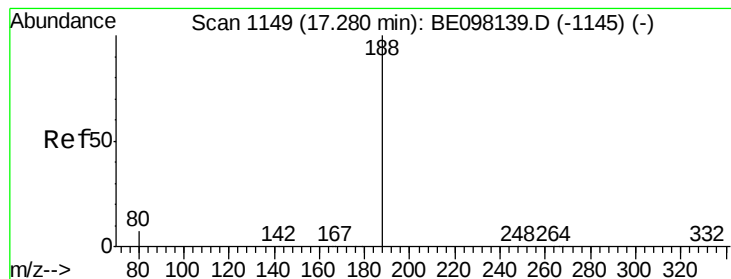
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.28 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BE098169.D

Acq: 7 Nov 2018 12:12

Instrument :

BNA_E

ClientSampleId :

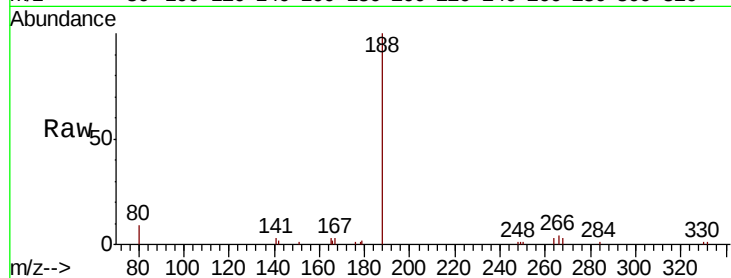
Tot Ion:188 Resp: 7271

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

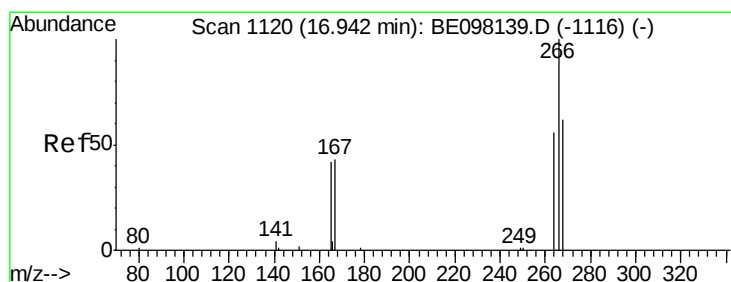
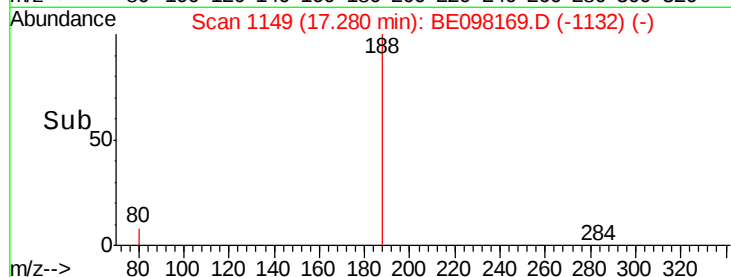
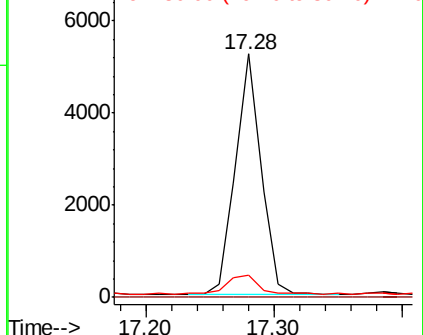
80 8.9 6.3 9.5



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: 134.759 ng

RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098169.D

Acq: 7 Nov 2018 12:12

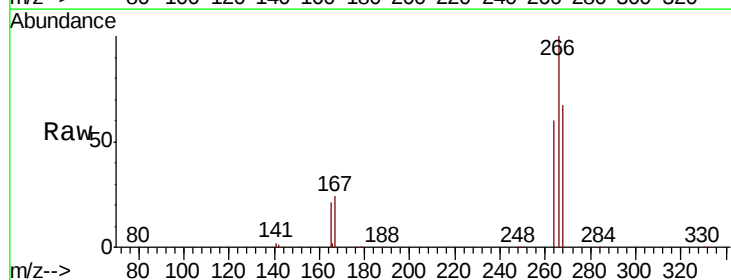
Tgt Ion:266 Resp: 184432

Ion Ratio Lower Upper

266 100

264 60.1 51.3 76.9

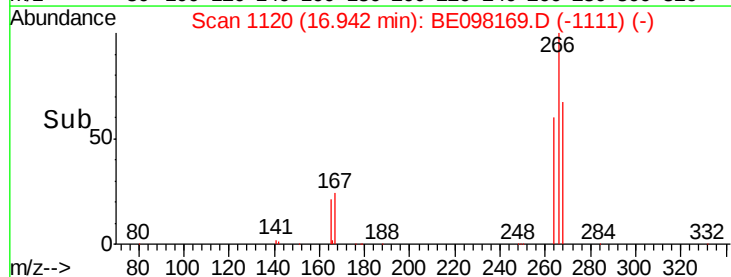
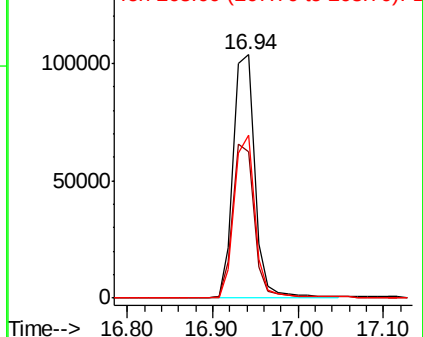
268 66.7 50.1 75.1

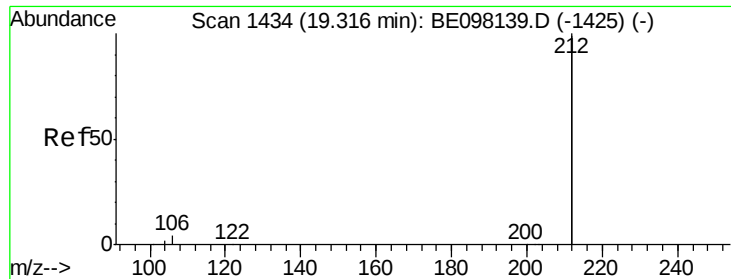


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

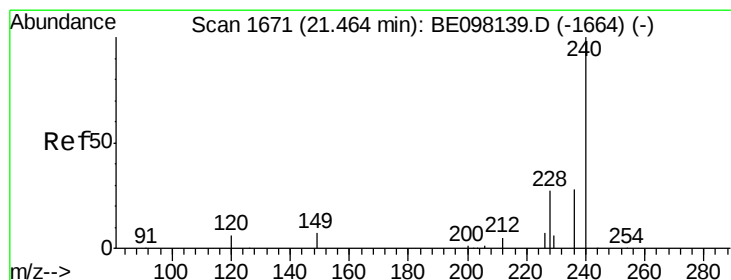
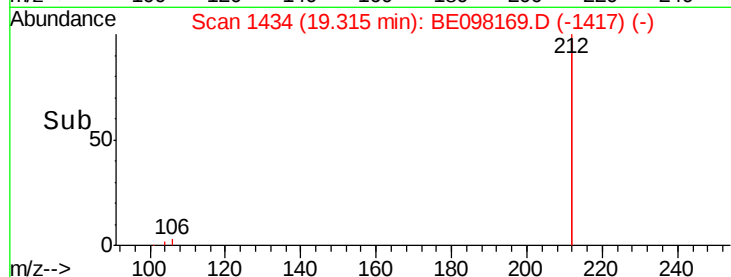
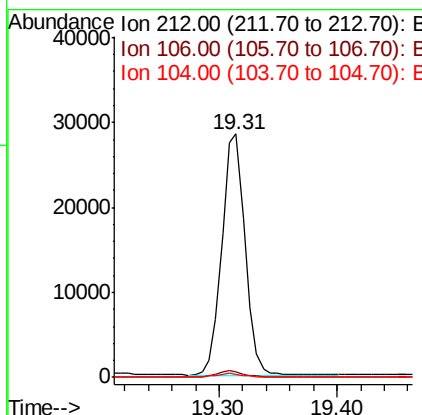
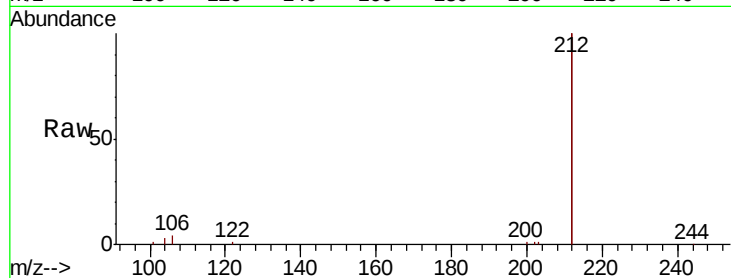




#25
Fluoranthene-d10
Concen: 0.410 ng
RT: 19.31 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BE098169.D
Acq: 7 Nov 2018 12:12

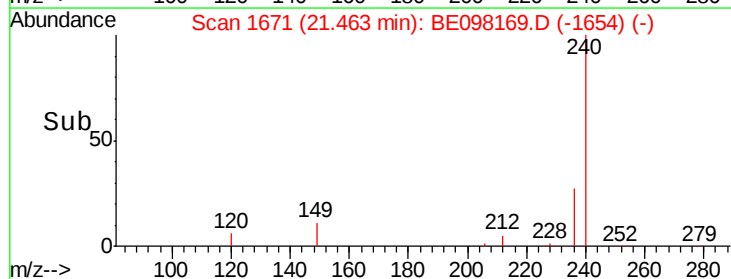
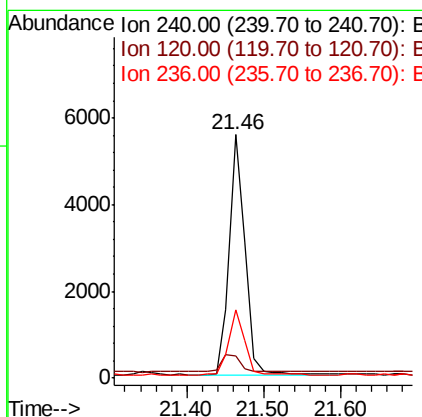
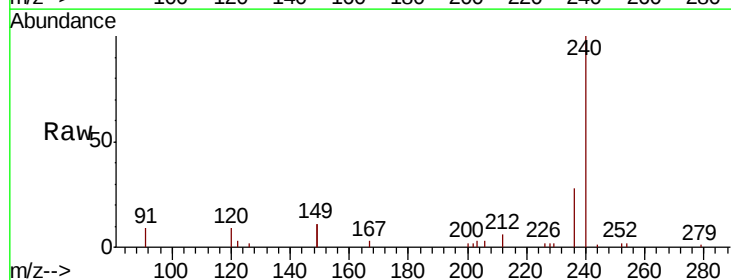
Instrument :
BNA_E
ClientSampleId :

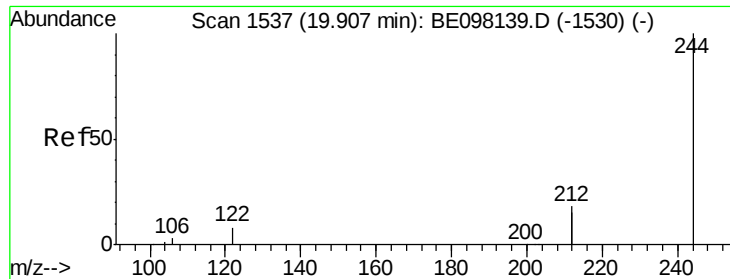
Tot Ion:212 Resp: 38478
Ion Ratio Lower Upper
212 100
106 2.2 2.3 3.5#
104 1.3 1.3 1.9



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098169.D
Acq: 7 Nov 2018 12:12

Tgt Ion:240 Resp: 7832
Ion Ratio Lower Upper
240 100
120 9.2 7.1 10.7
236 28.3 21.3 31.9





#29

Terphenyl-d14

Concen: 0.636 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098169.D

Acq: 7 Nov 2018 12:12

Instrument :

BNA_E

ClientSampleId :

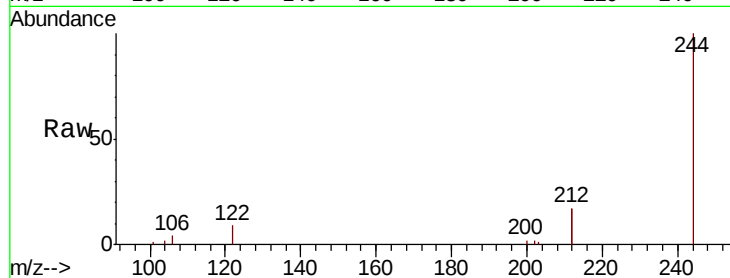
Tot Ion:244 Resp: 11588

Ion Ratio Lower Upper

244 100

212 34.1 26.2 39.2

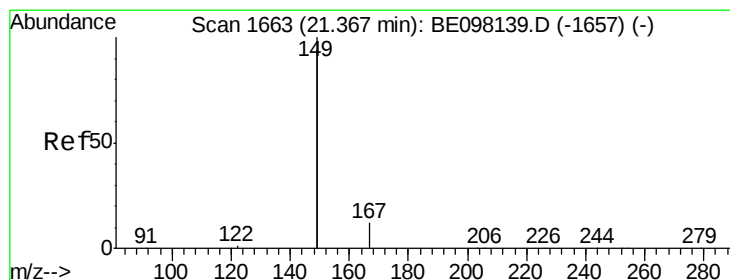
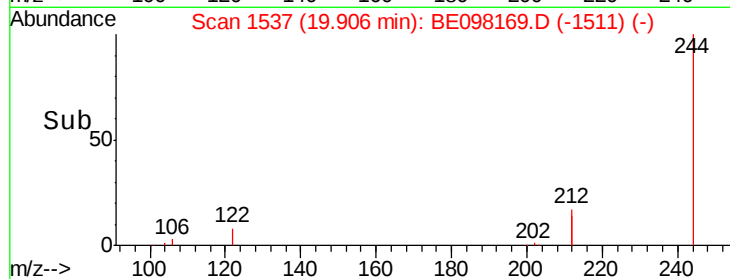
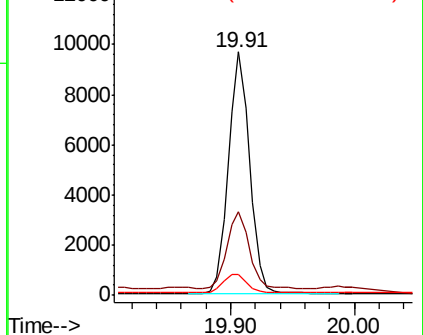
122 8.6 7.7 11.5



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: BE098169.D

Acq: 7 Nov 2018 12:12

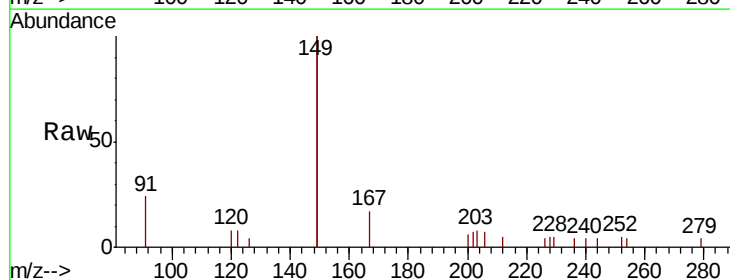
Tgt Ion:149 Resp: 3507

Ion Ratio Lower Upper

149 100

167 10.0 5.6 8.4#

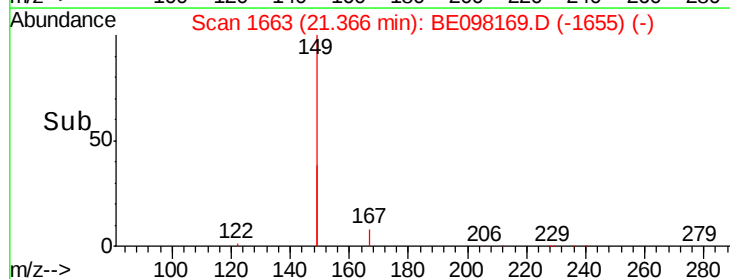
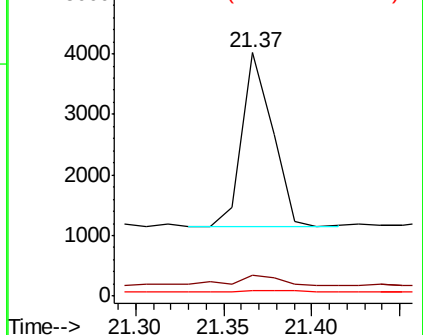
279 2.1 0.9 1.3#

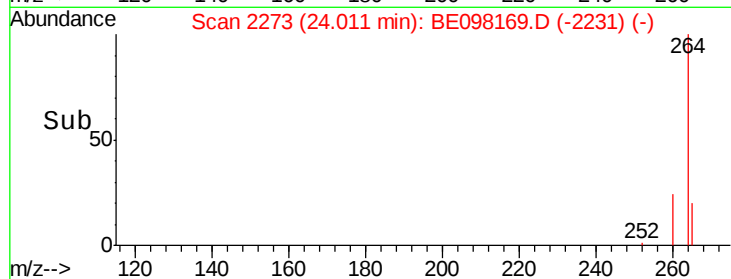
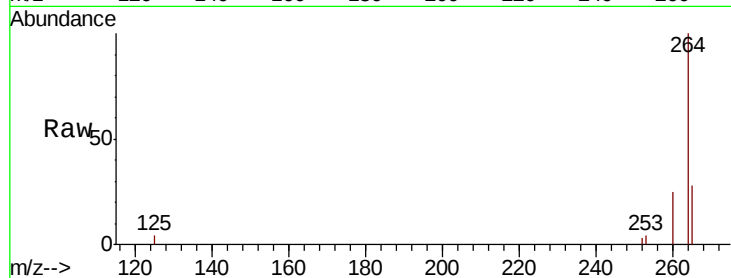
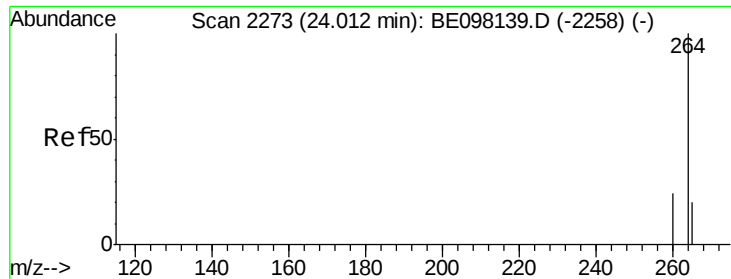


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2273

Delta R.T. -0.00 min

Lab File: BE098169.D

Acq: 7 Nov 2018 12:12

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 7627

Ion Ratio Lower Upper

264 100

260 25.0 21.1 31.7

265 28.0 29.2 43.8#

