

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111318\
 Data File : BE098218.D
 Acq On : 13 Nov 2018 20:57
 Operator : SJ/JU
 Sample : PB114769BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB114769BL

Quant Time: Nov 14 00:29:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 13:32:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1078	0.40	ng	0.01
7) Naphthalene-d8	10.67	136	4341	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2745	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	8018	0.40	ng	0.00
27) Chrysene-d12	21.46	240	9506	0.40	ng	0.00
34) Perylene-d12	24.01	264	9101	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	1167	0.38	ng	0.00
5) Phenol-d6	7.04	99	1513	0.31	ng	0.00
8) Nitrobenzene-d5	9.03	82	1473	0.34	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	2561	0.34	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	403	0.34	ng	0.01
15) 2-Fluorobiphenyl	13.16	172	3635	0.32	ng	0.01
25) Fluoranthene-d10	19.31	212	40705	0.41	ng	0.00
29) Terphenyl-d14	19.91	244	8711	0.40	ng	0.00

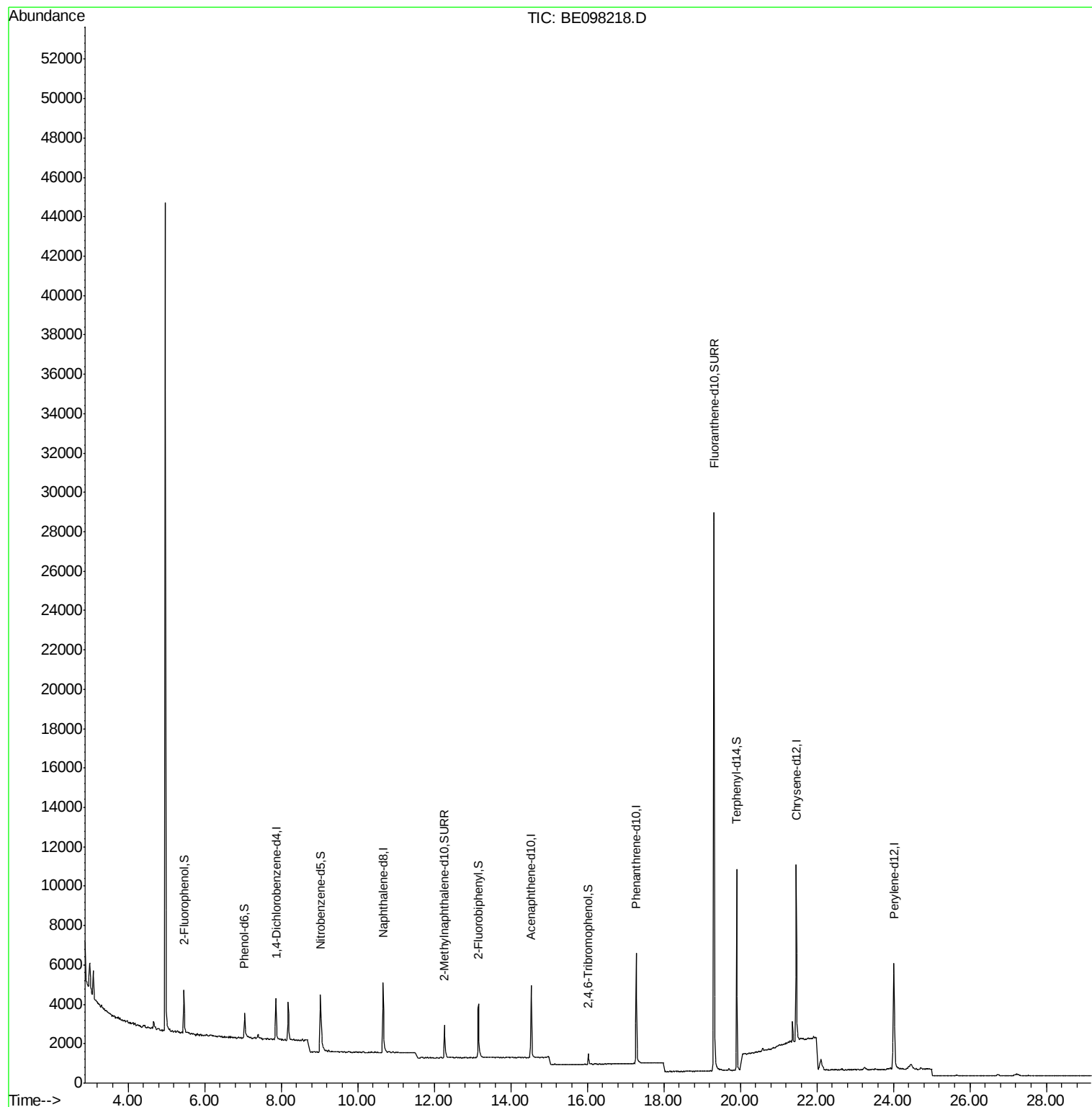
Target Compounds	Qvalue
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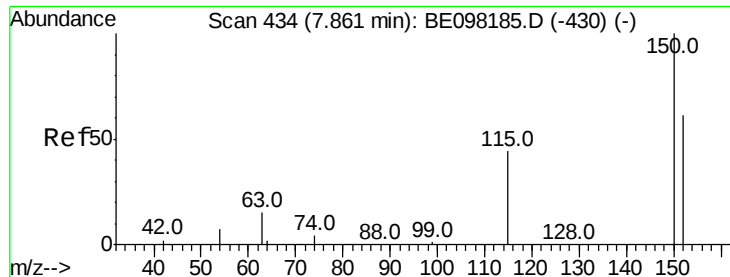
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.87 min Scan# 435

Delta R.T. 0.01 min

Lab File: BE098218.D

Acq: 13 Nov 2018 20:57

Instrument :

BNA_E

ClientSampleId :

PB114769BL

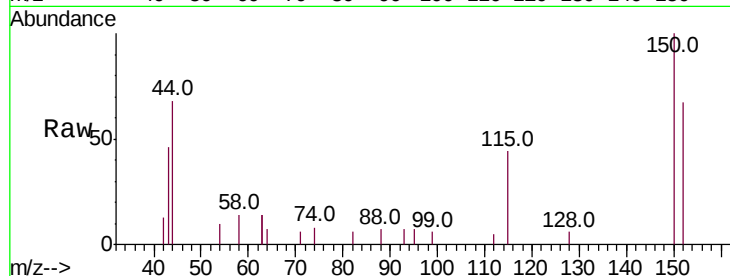
Tot Ion:152 Resp: 1078

Ion Ratio Lower Upper

152 100

150 148.4 127.5 191.3

115 64.8 60.3 90.5

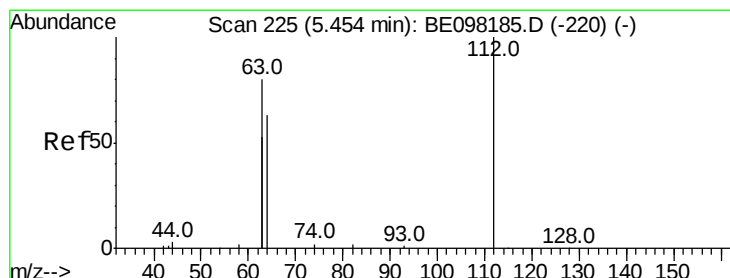
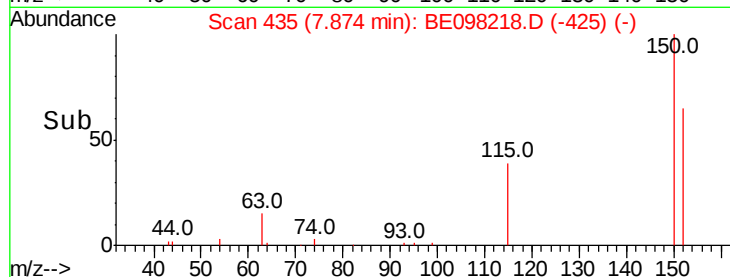


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



#4

2-Fluorophenol

Concen: 0.383 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.00 min

Lab File: BE098218.D

Acq: 13 Nov 2018 20:57

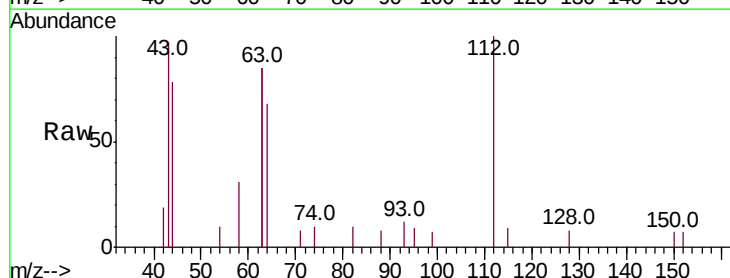
Tgt Ion:112 Resp: 1167

Ion Ratio Lower Upper

112 100

64 72.1 61.7 92.5

63 161.6 136.2 204.2

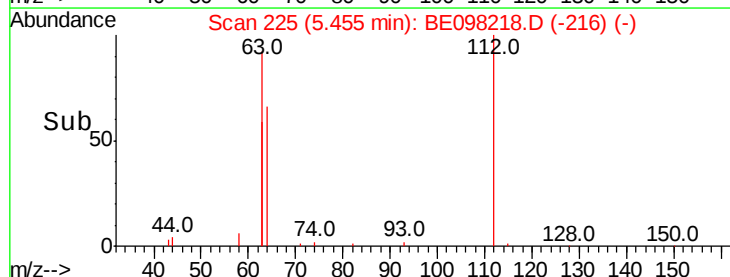


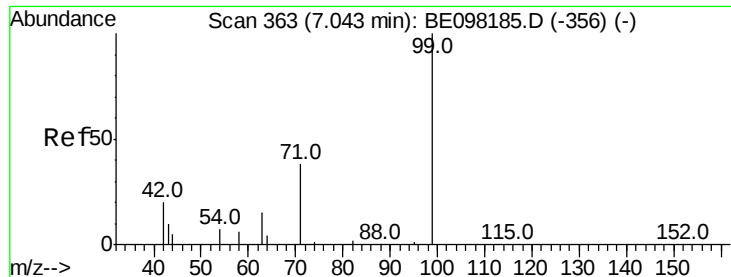
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->





#5

Phenol-d6

Concen: 0.309 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098218.D

Acq: 13 Nov 2018 20:57

Instrument :

BNA_E

ClientSampleId :

PB114769BL

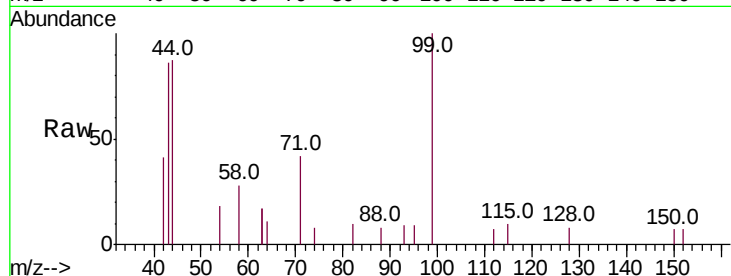
Tot Ion: 99 Resp: 1513

Ion Ratio Lower Upper

99 100

42 30.7 27.1 40.7

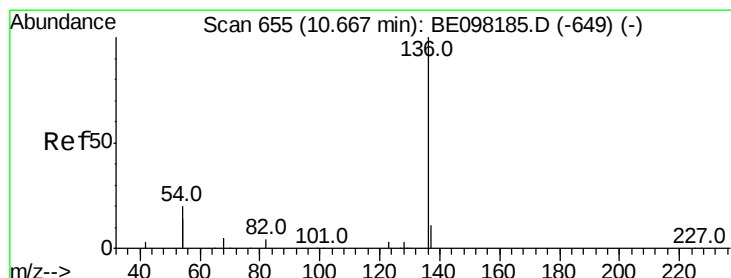
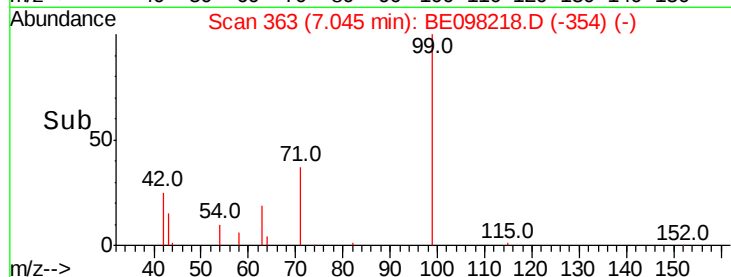
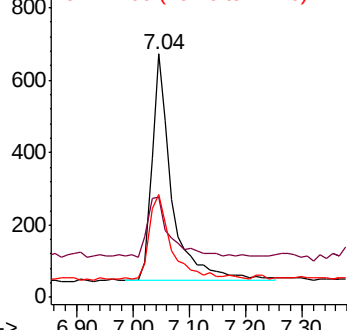
71 40.0 37.0 55.6



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: BE098218.D

Acq: 13 Nov 2018 20:57

Tgt Ion: 136 Resp: 4341

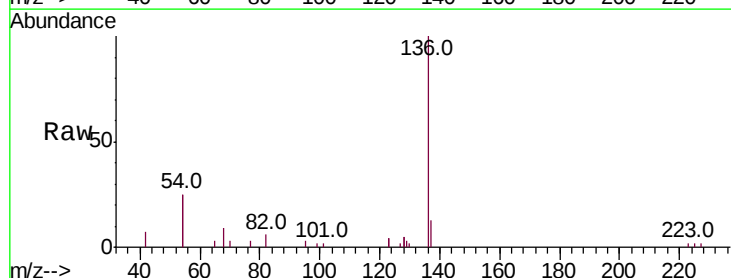
Ion Ratio Lower Upper

136 100

137 13.1 9.5 14.3

54 49.5 31.3 46.9#

68 8.7 4.8 7.2#

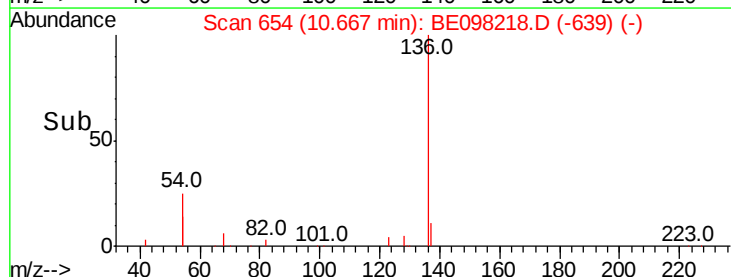
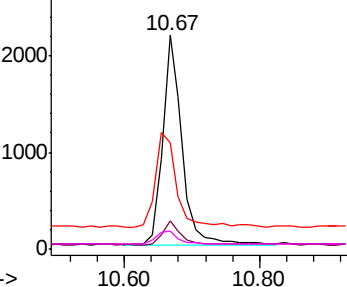


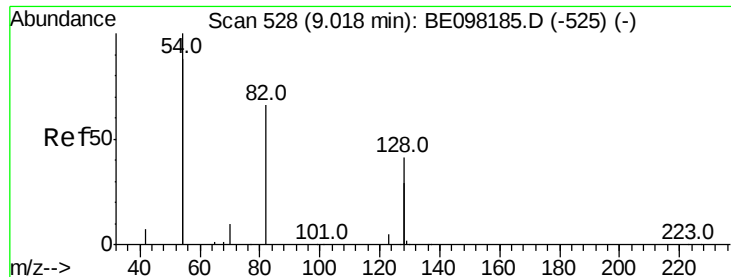
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.340 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098218.D

Acq: 13 Nov 2018 20:57

Instrument :

BNA_E

ClientSampleId :

PB114769BL

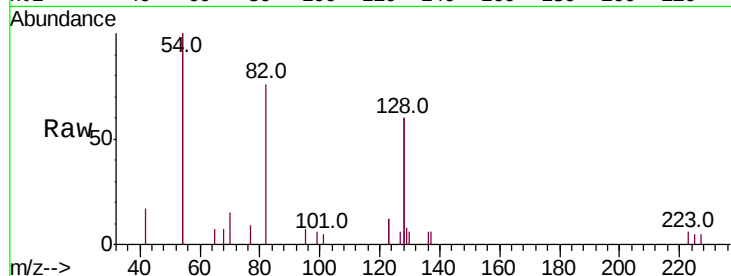
Tot Ion: 82 Resp: 1473

Ion Ratio Lower Upper

82 100

128 158.4 96.1 144.1#

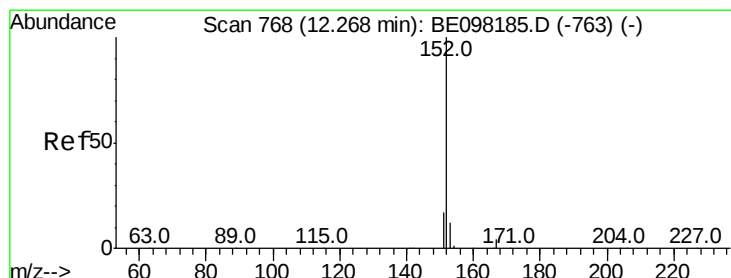
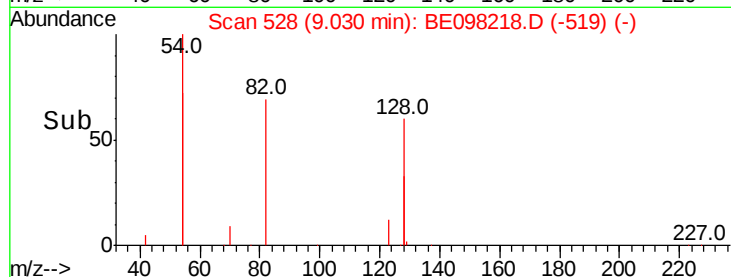
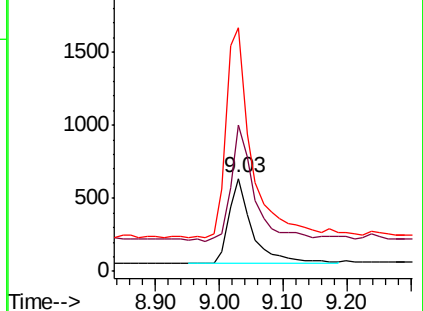
54 262.7 232.0 348.0



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.336 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098218.D

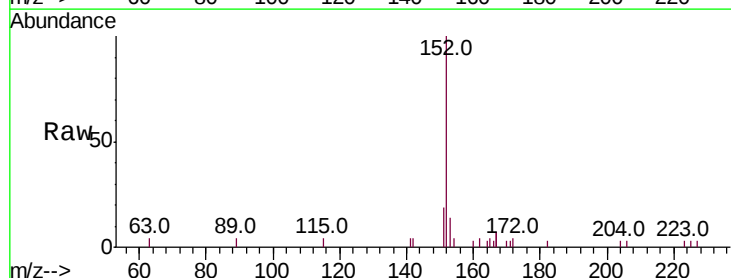
Acq: 13 Nov 2018 20:57

Tgt Ion: 152 Resp: 2561

Ion Ratio Lower Upper

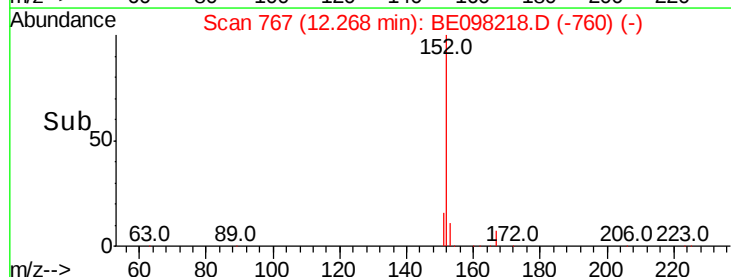
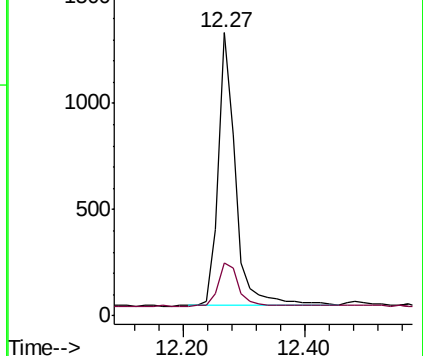
152 100

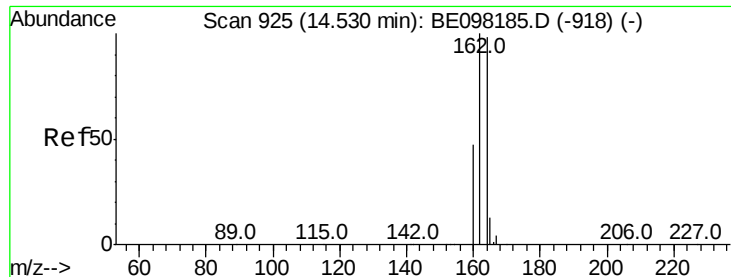
151 18.9 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

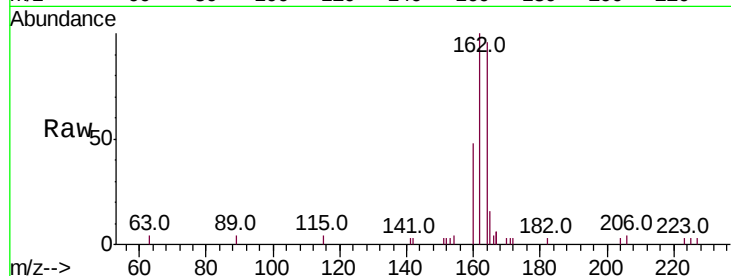




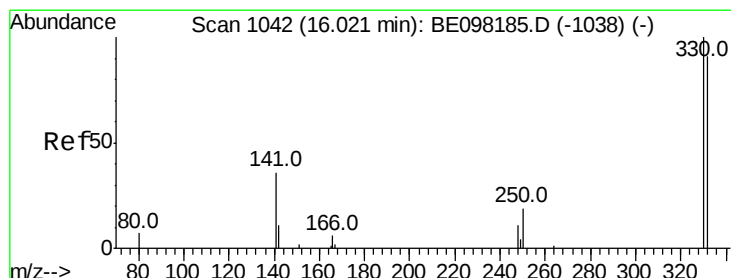
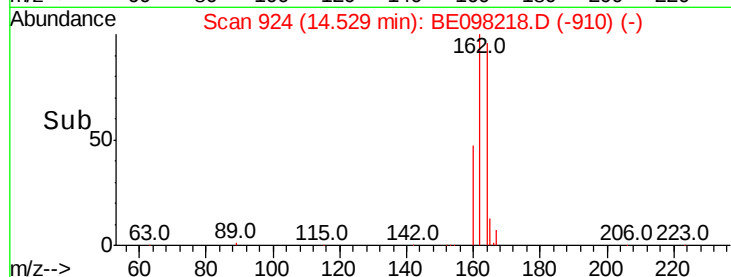
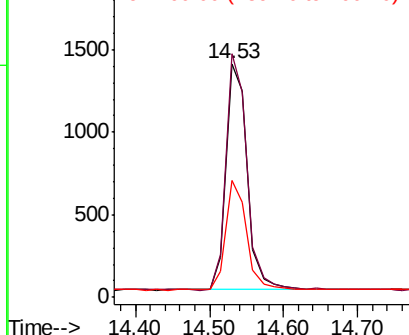
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098218.D
Acq: 13 Nov 2018 20:57

Instrument :
BNA_E
ClientSampleId :
PB114769BL

Tot Ion:164 Resp: 2745
Ion Ratio Lower Upper
164 100
162 104.3 81.8 122.6
160 50.3 39.4 59.0

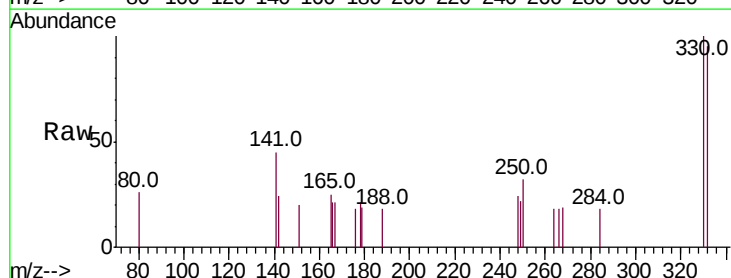


Abundance Ion 164.00 (163.70 to 164.70): E
2000 Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

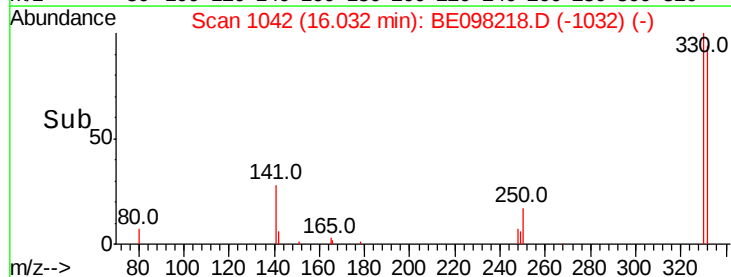
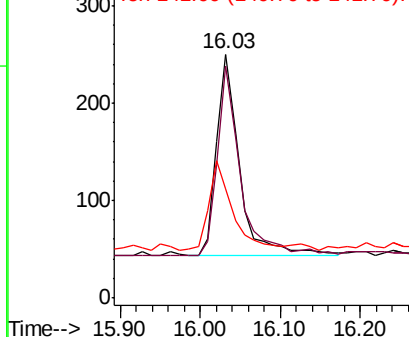


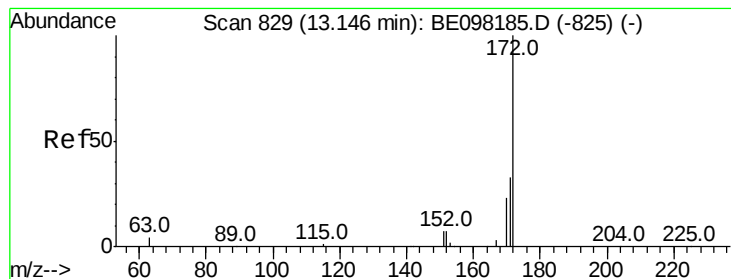
#14
2,4,6-Tribromophenol
Concen: 0.337 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BE098218.D
Acq: 13 Nov 2018 20:57

Tgt Ion:330 Resp: 403
Ion Ratio Lower Upper
330 100
332 94.8 77.7 116.5
141 48.6 33.6 50.4



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

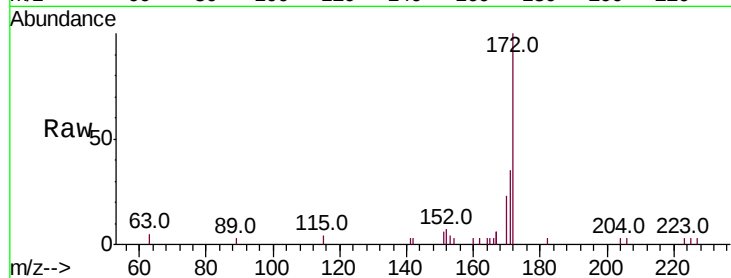




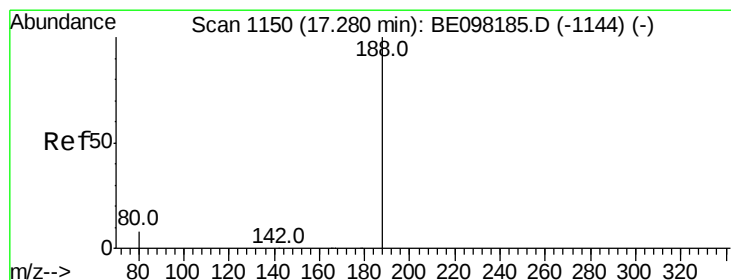
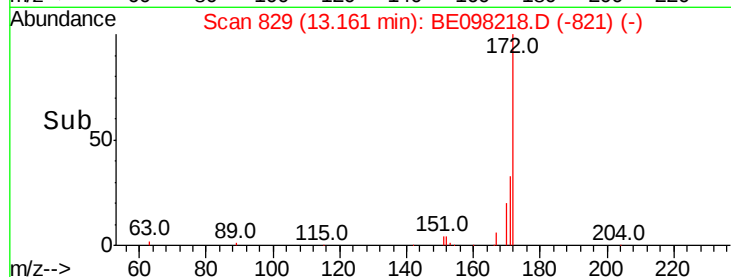
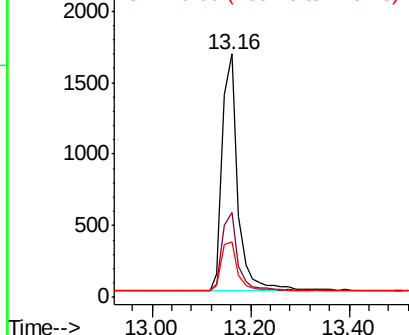
#15
 2-Fluorobiphenyl
 Concen: 0.316 ng
 RT: 13.16 min Scan# 829
 Delta R.T. 0.01 min
 Lab File: BE098218.D
 Acq: 13 Nov 2018 20:57

Instrument :
 BNA_E
 ClientSampleId :
 PB114769BL

Tot Ion:172 Resp: 3635
 Ion Ratio Lower Upper
 172 100
 171 35.0 27.3 40.9
 170 22.5 19.4 29.0

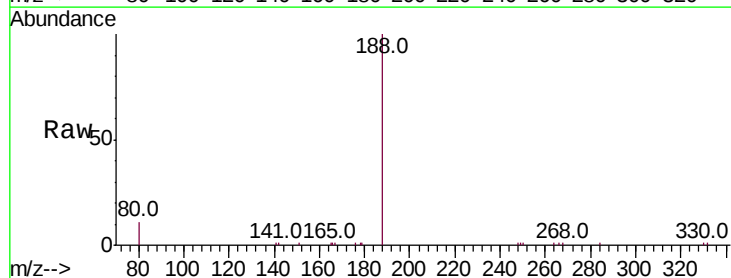


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

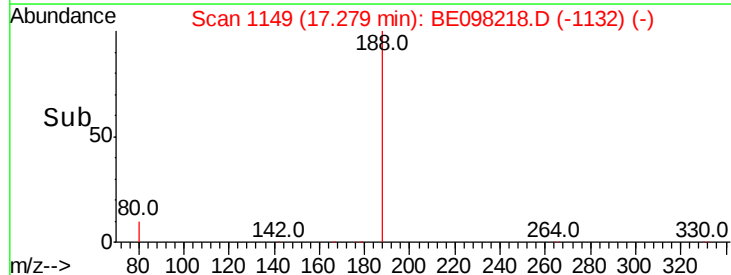
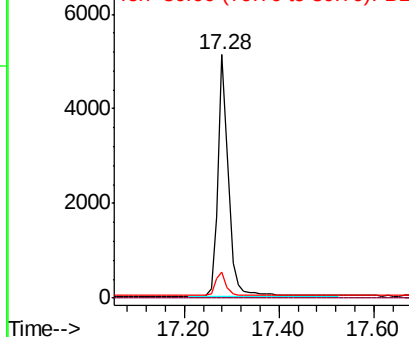


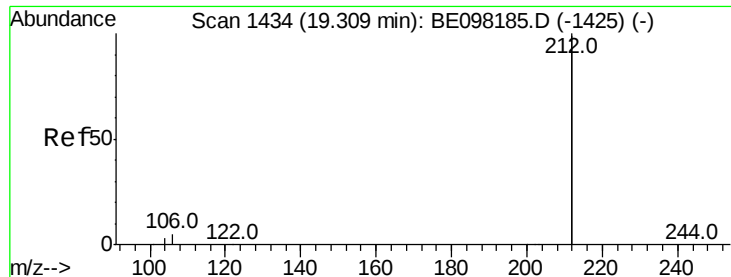
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.28 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BE098218.D
 Acq: 13 Nov 2018 20:57

Tgt Ion:188 Resp: 8018
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 10.6 6.7 10.1#



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





#25

Fluoranthene-d10

Concen: 0.407 ng

RT: 19.31 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BE098218.D

Acq: 13 Nov 2018 20:57

Instrument :

BNA_E

ClientSampleId :

PB114769BL

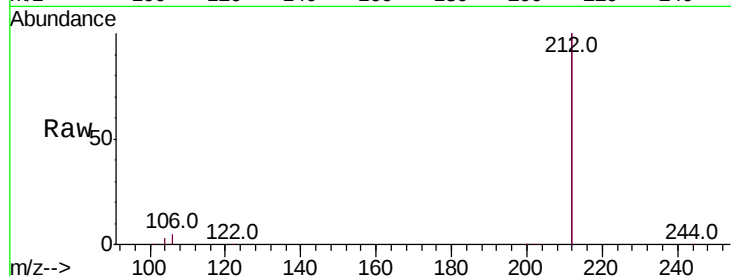
Tot Ion:212 Resp: 40705

Ion Ratio Lower Upper

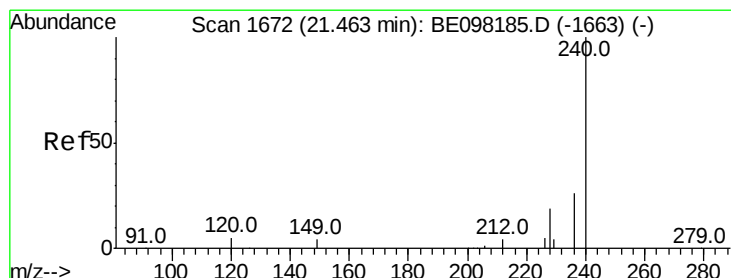
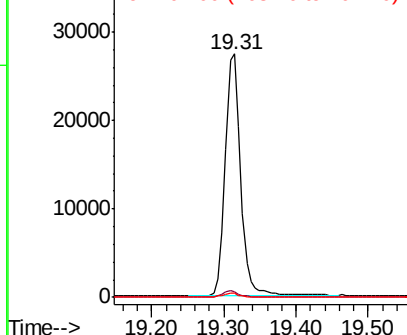
212 100

106 2.6 1.8 2.8

104 1.4 1.1 1.7



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: BE098218.D

Acq: 13 Nov 2018 20:57

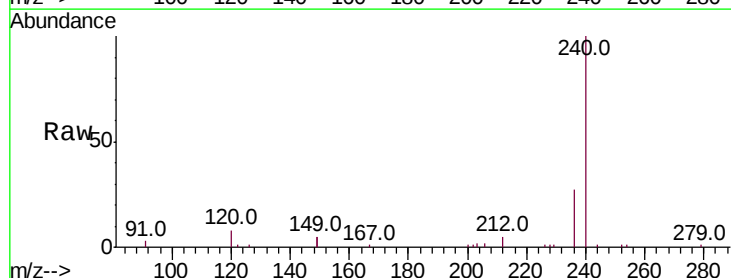
Tgt Ion:240 Resp: 9506

Ion Ratio Lower Upper

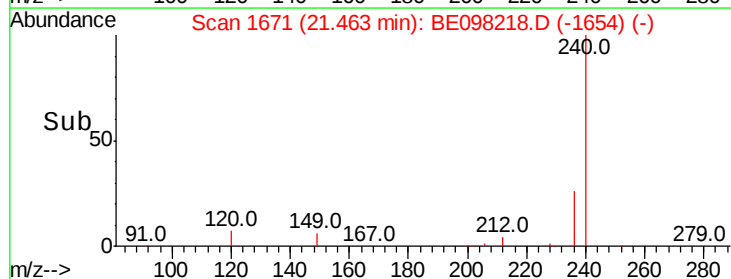
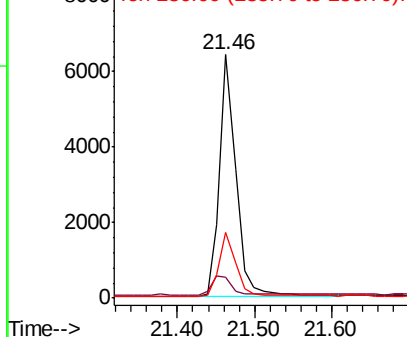
240 100

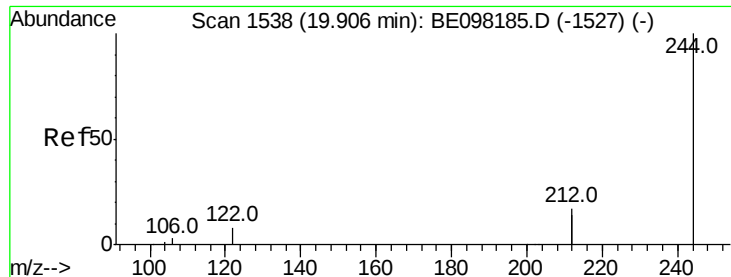
120 8.5 4.8 7.2#

236 27.0 21.4 32.0



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: 0.404 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098218.D

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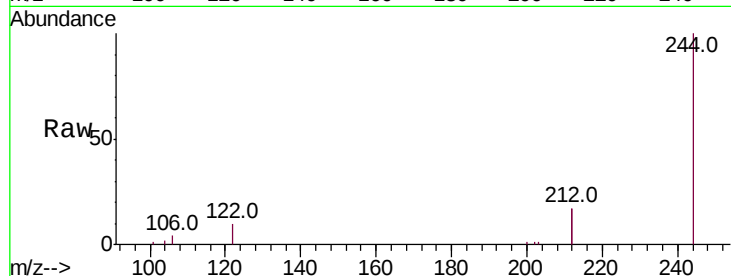
Tot Ion:244 Resp: 8711

Ion Ratio Lower Upper

244 100

212 34.4 26.8 40.2

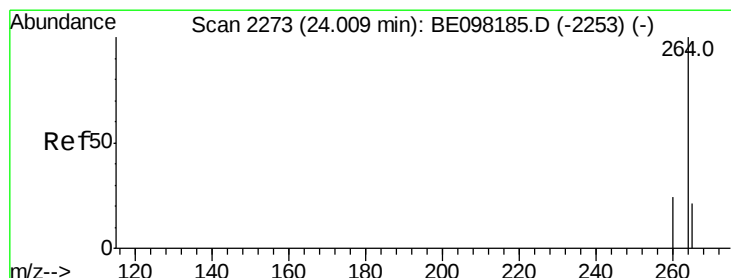
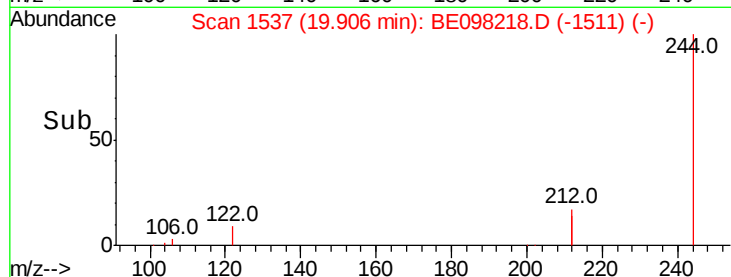
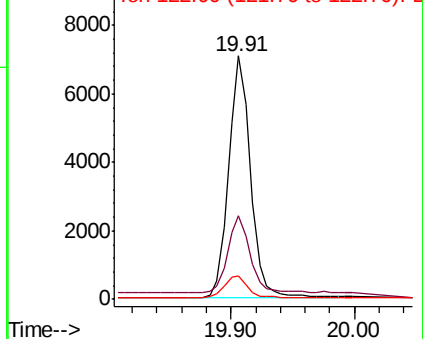
122 9.7 7.0 10.6



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: 24.01 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BE098218.D

Acq: 13 Nov 2018 20:57

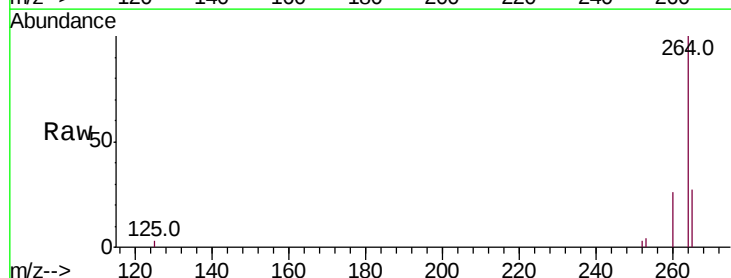
Tgt Ion:264 Resp: 9101

Ion Ratio Lower Upper

264 100

260 26.0 19.9 29.9

265 26.8 21.3 31.9



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

