

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121818\
 Data File : BE098518.D
 Acq On : 18 Dec 2018 18:25
 Operator : SJ/JU
 Sample : PB115633BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB115633BL

Quant Time: Dec 19 03:23:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	789	0.40	ng	-0.01
7) Naphthalene-d8	10.65	136	3341	0.40	ng	-0.01
13) Acenaphthene-d10	14.52	164	2324	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	6382	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	7375	0.40	ng	-0.01
34) Perylene-d12	23.99	264	6940	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.45	112	824	0.45	ng	0.00
5) Phenol-d6	7.05	99	1016	0.39	ng	0.00
8) Nitrobenzene-d5	9.04	82	595	0.20	ng	0.02
11) 2-Methylnaphthalene-d10	12.25	152	1720	0.32	ng	-0.01
14) 2,4,6-Tribromophenol	16.02	330	298	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	2501	0.26	ng	0.00
25) Fluoranthene-d10	19.30	212	26628	0.33	ng	-0.01
29) Terphenyl-d14	19.89	244	4515	0.25	ng	-0.02

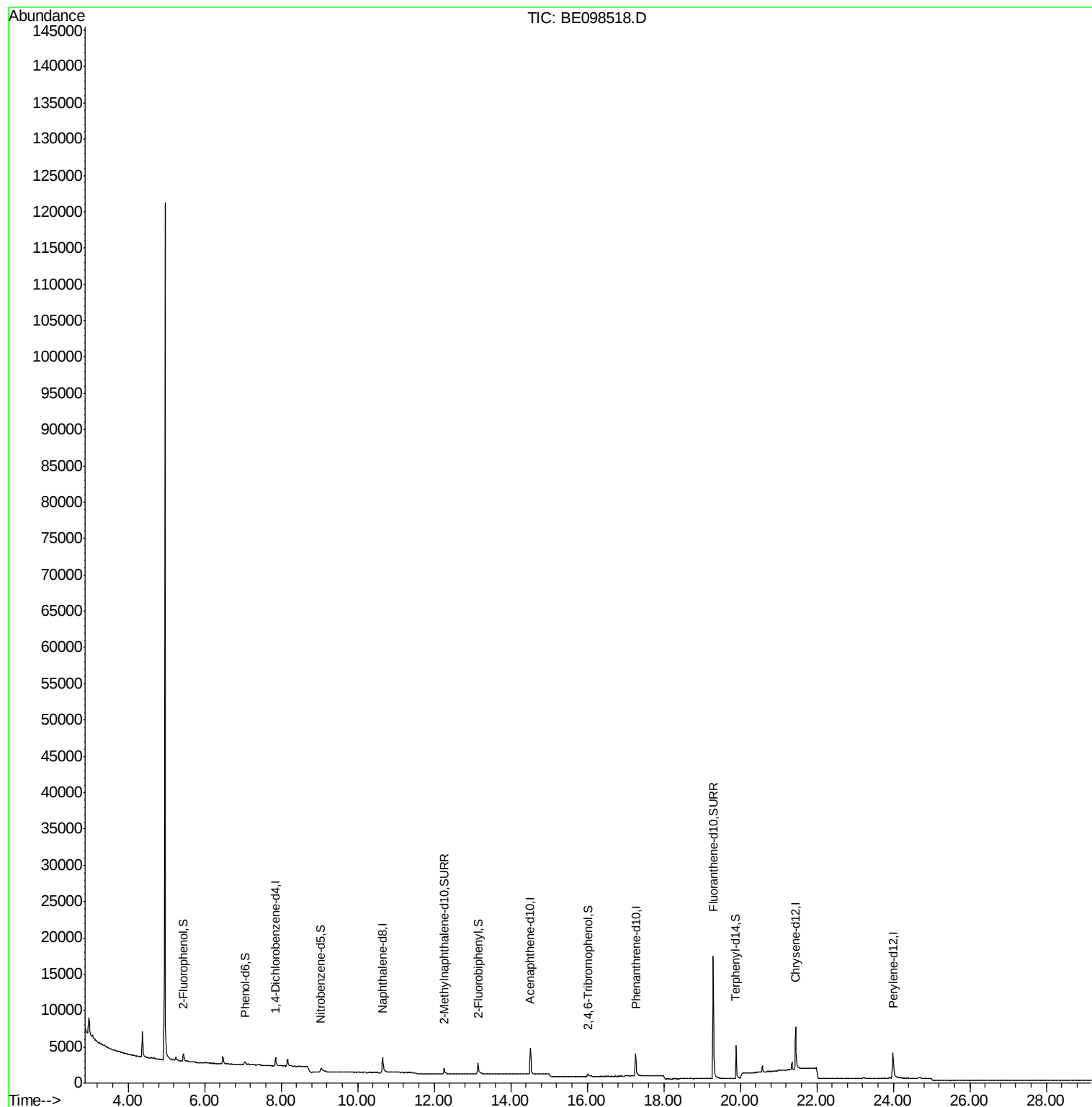
Target Compounds	Qvalue
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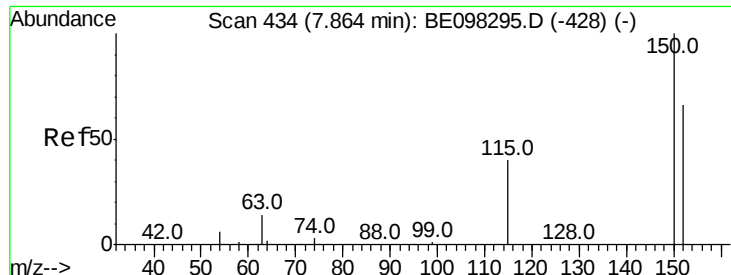
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.85 min Scan# 433

Delta R.T. -0.01 min

Lab File: BE098518.D

Acq: 18 Dec 2018 18:25

Instrument :

BNA_E

ClientSampleId :

PB115633BL

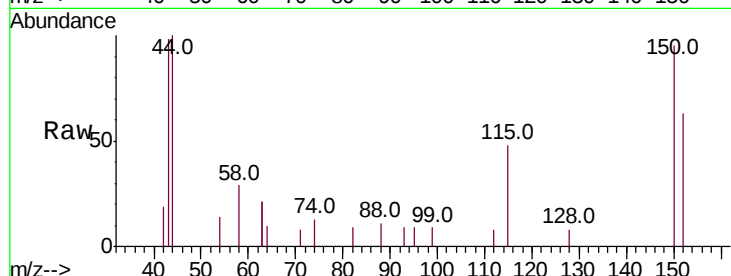
Tot Ion:152 Resp: 789

Ion Ratio Lower Upper

152 100

150 150.8 124.2 186.4

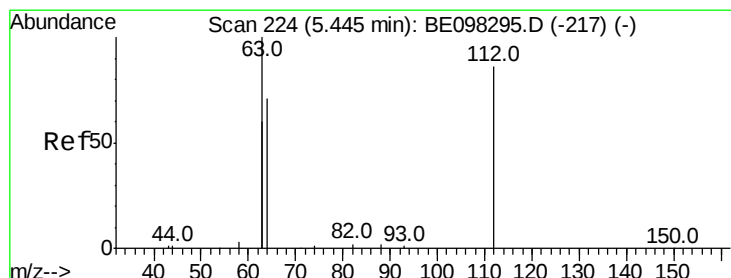
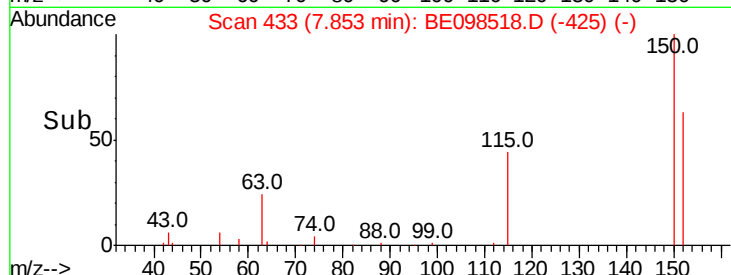
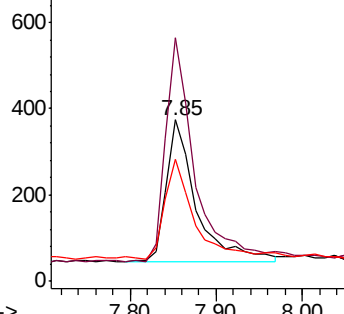
115 75.7 53.9 80.9



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: 0.446 ng

RT: 5.45 min Scan# 224

Delta R.T. 0.00 min

Lab File: BE098518.D

Acq: 18 Dec 2018 18:25

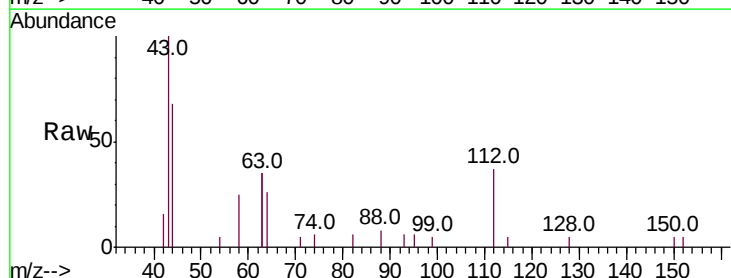
Tgt Ion:112 Resp: 824

Ion Ratio Lower Upper

112 100

64 75.8 59.8 89.8

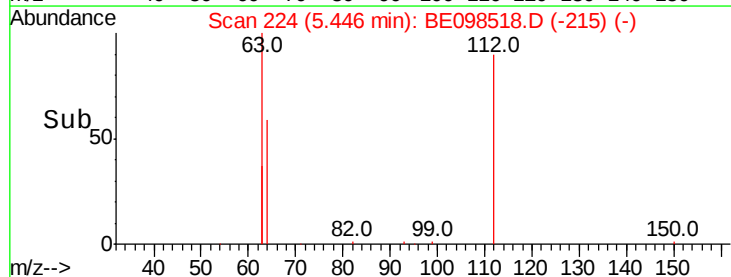
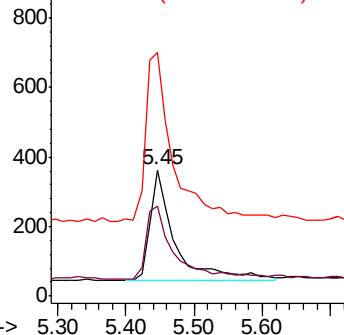
63 170.4 133.7 200.5

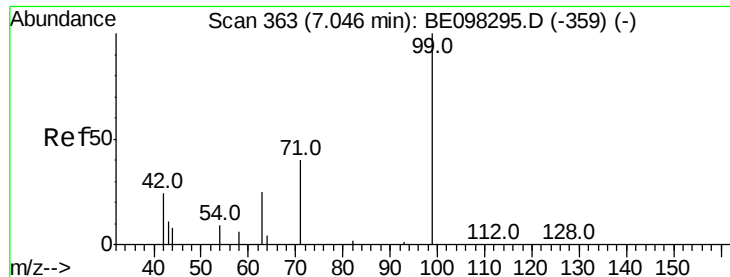


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.388 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098518.D

Acq: 18 Dec 2018 18:25

Instrument :

BNA_E

ClientSampleId :

PB115633BL

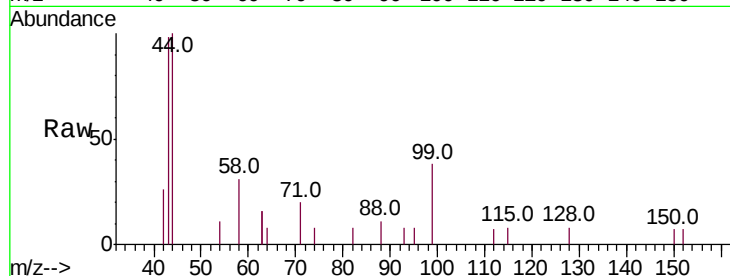
Tot Ion: 99 Resp: 1016

Ion Ratio Lower Upper

99 100

42 30.2 26.3 39.5

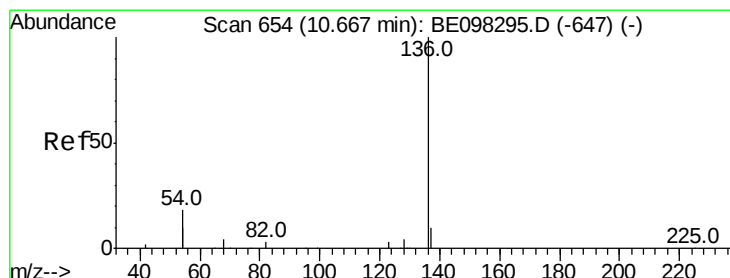
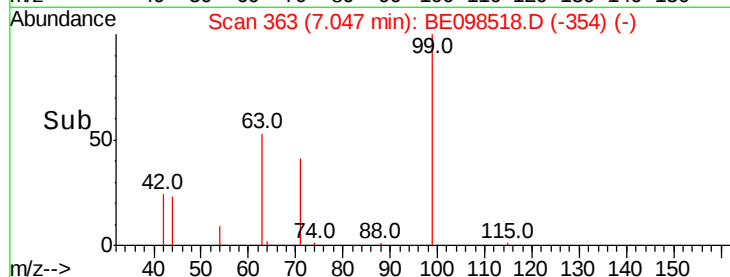
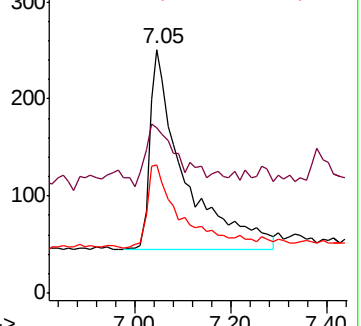
71 42.7 33.6 50.4



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: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098518.D

Acq: 18 Dec 2018 18:25

Tgt Ion: 136 Resp: 3341

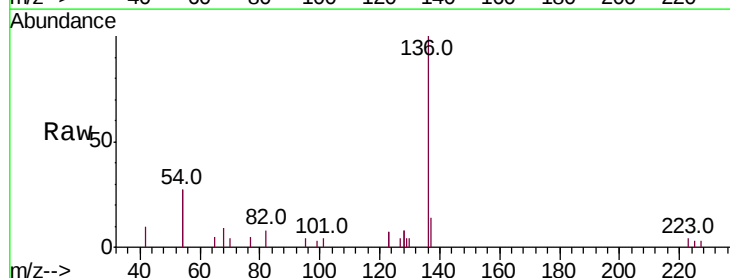
Ion Ratio Lower Upper

136 100

137 14.4 9.2 13.8#

54 53.4 28.4 42.6#

68 9.2 5.4 8.0#

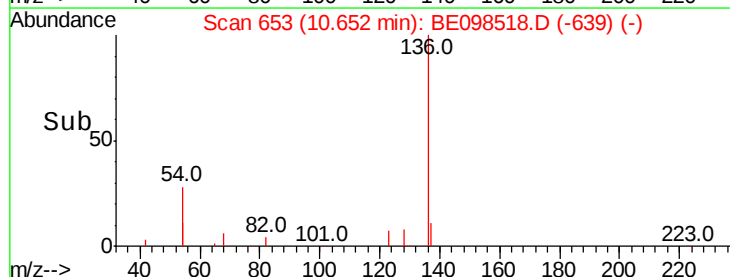
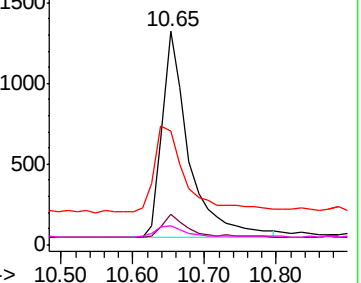


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.196 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.02 min

Lab File: BE098518.D

Acq: 18 Dec 2018 18:25

Instrument :

BNA_E

ClientSampleId :

PB115633BL

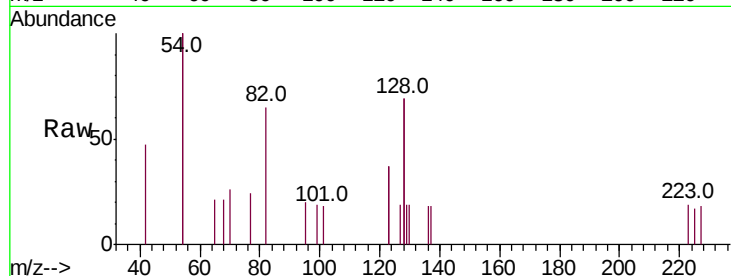
Tot Ion: 82 Resp: 595

Ion Ratio Lower Upper

82 100

128 214.6 102.4 153.6#

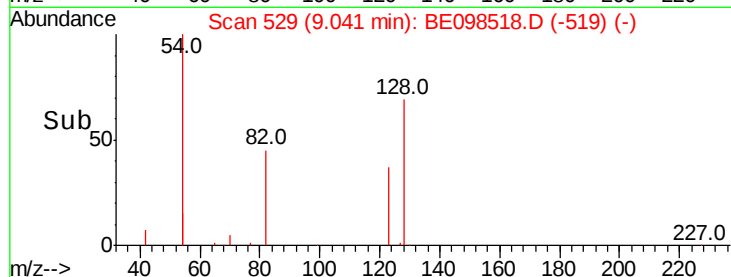
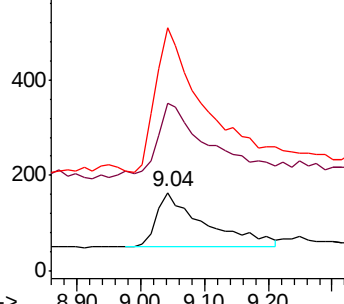
54 309.8 221.8 332.8



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: 0.317 ng

RT: 12.25 min Scan# 766

Delta R.T. -0.01 min

Lab File: BE098518.D

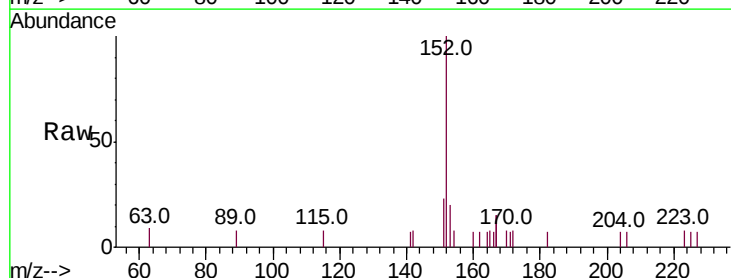
Acq: 18 Dec 2018 18:25

Tgt Ion: 152 Resp: 1720

Ion Ratio Lower Upper

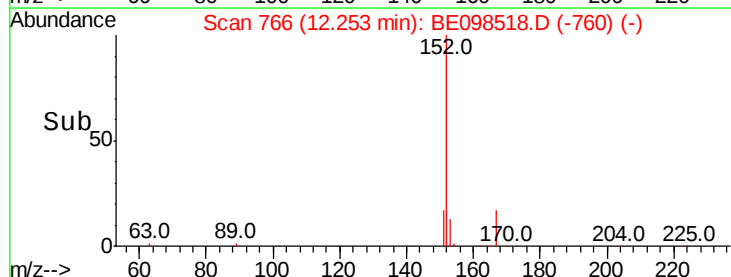
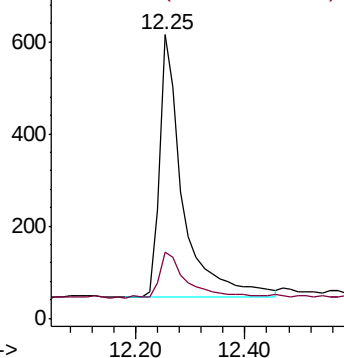
152 100

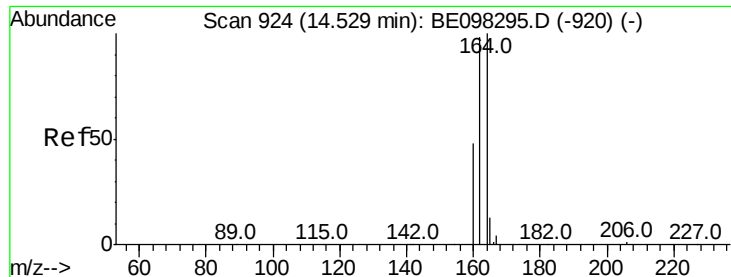
151 20.3 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

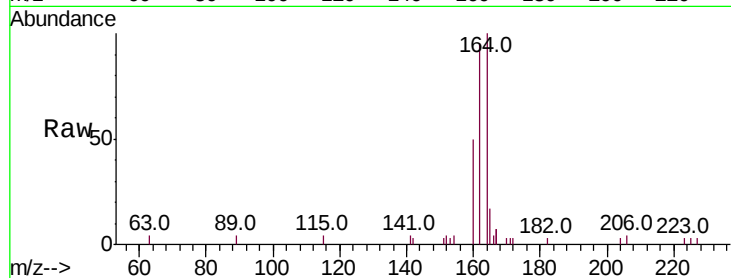




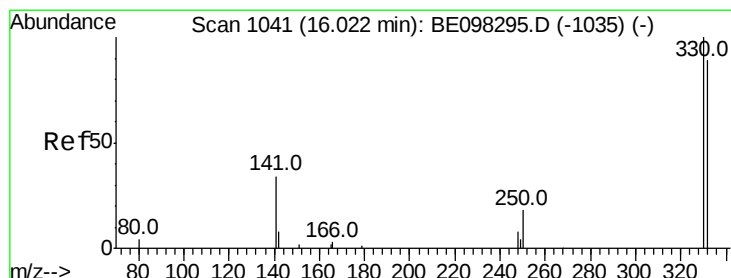
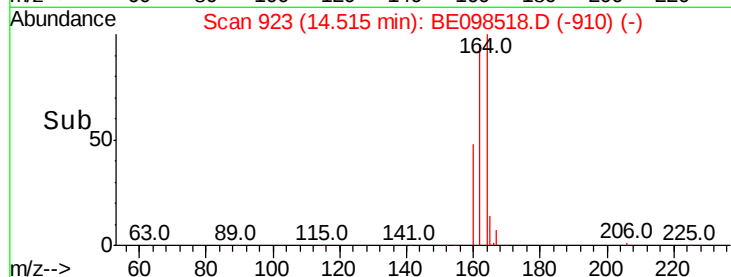
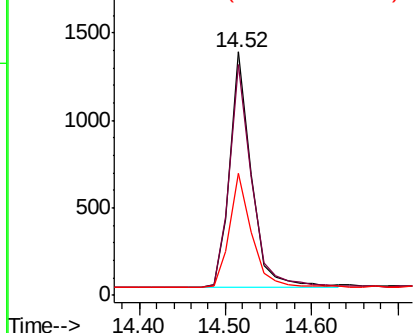
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BE098518.D
 Acq: 18 Dec 2018 18:25

Instrument :
 BNA_E
 ClientSampleId :
 PB115633BL

Tot Ion:164 Resp: 2324
 Ion Ratio Lower Upper
 164 100
 162 95.0 77.6 116.4
 160 50.1 36.0 54.0

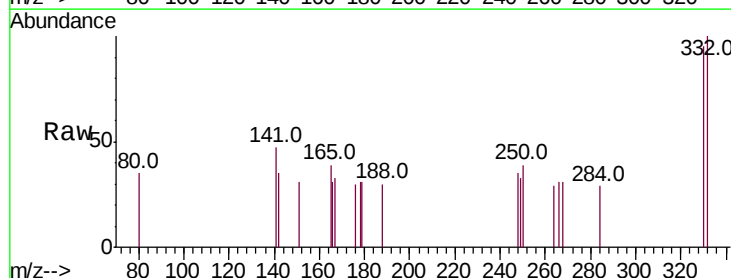


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

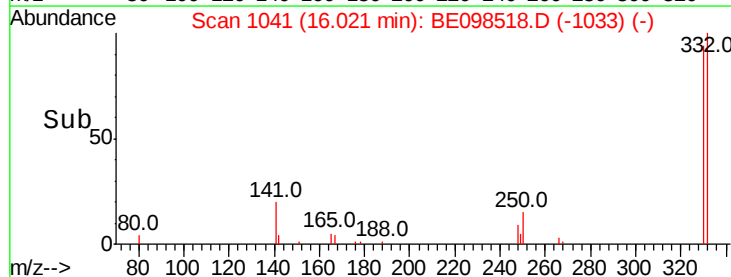
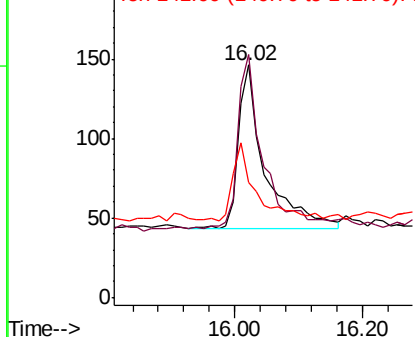


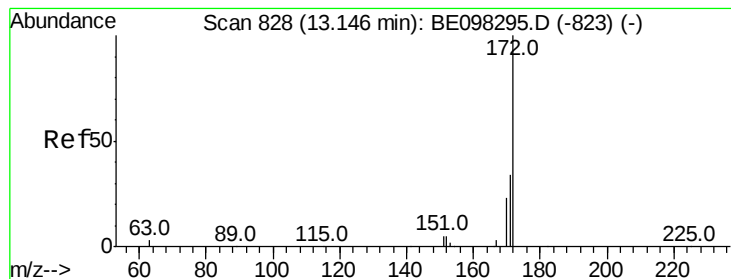
#14
 2,4,6-Tribromophenol
 Concen: 0.349 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098518.D
 Acq: 18 Dec 2018 18:25

Tgt Ion:330 Resp: 298
 Ion Ratio Lower Upper
 330 100
 332 102.3 76.2 114.4
 141 39.6 39.0 58.4



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

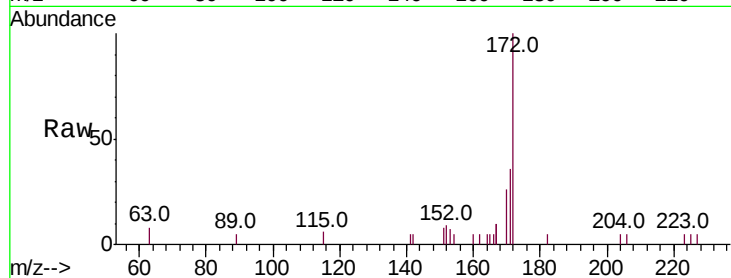




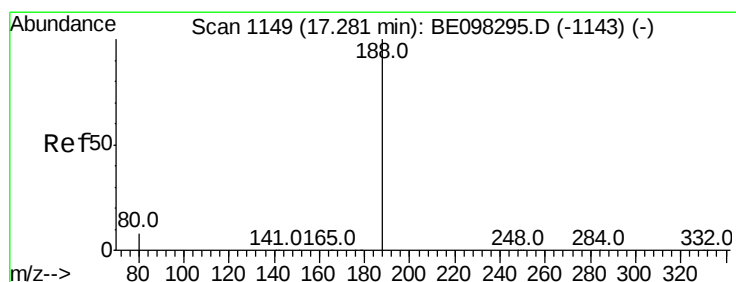
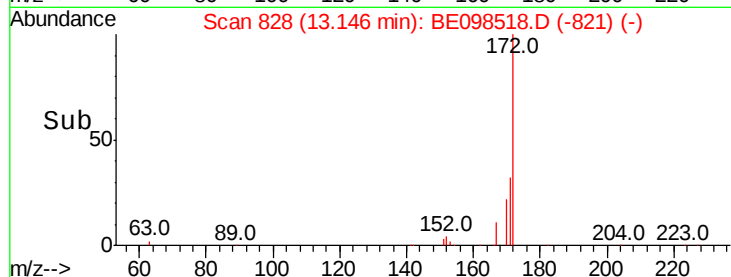
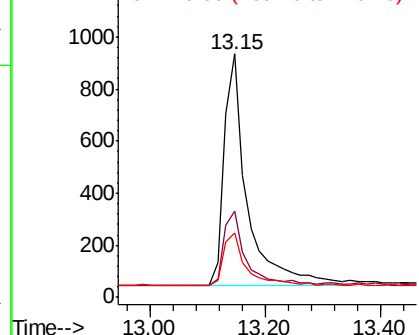
#15
 2-Fluorobiphenyl
 Concen: 0.255 ng
 RT: 13.15 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BE098518.D
 Acq: 18 Dec 2018 18:25

Instrument :
 BNA_E
 ClientSampleId :
 PB115633BL

Tot Ion:172 Resp: 2501
 Ion Ratio Lower Upper
 172 100
 171 35.5 27.5 41.3
 170 26.3 19.6 29.4

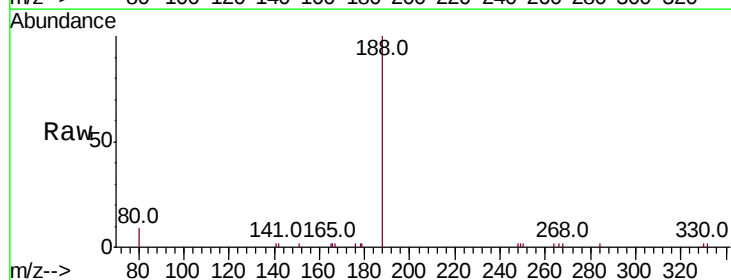


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

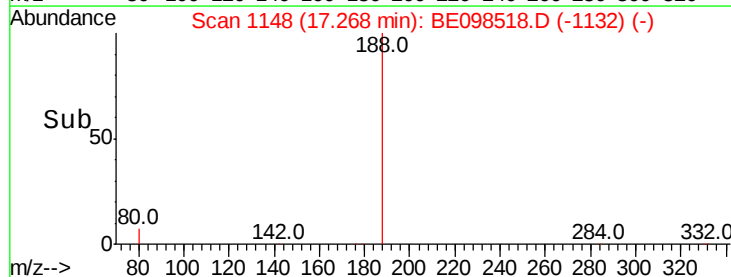
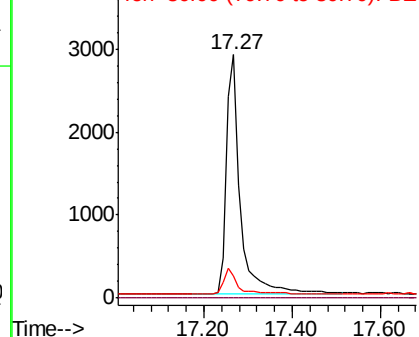


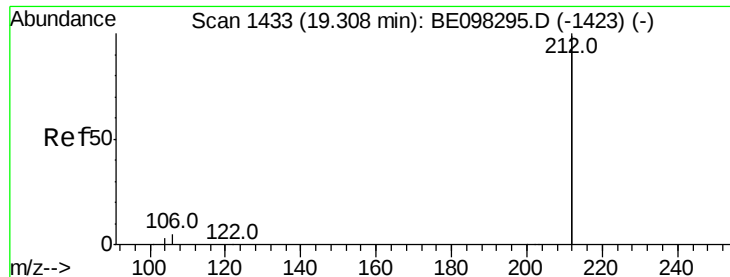
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.27 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BE098518.D
 Acq: 18 Dec 2018 18:25

Tgt Ion:188 Resp: 6382
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 8.9 7.2 10.8



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: 0.325 ng

RT: 19.30 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BE098518.D

Acq: 18 Dec 2018 18:25

Instrument :

BNA_E

ClientSampleId :

PB115633BL

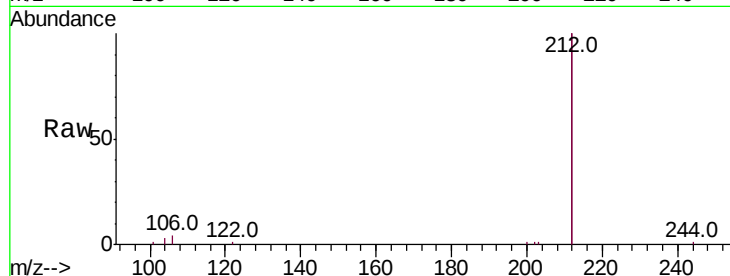
Tot Ion:212 Resp: 26628

Ion Ratio Lower Upper

212 100

106 2.4 2.2 3.2

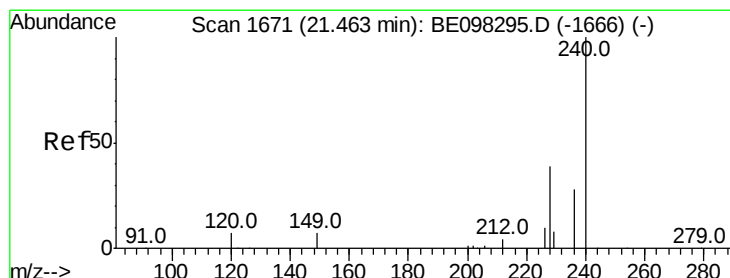
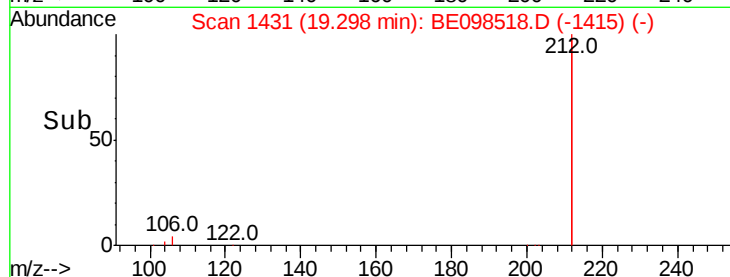
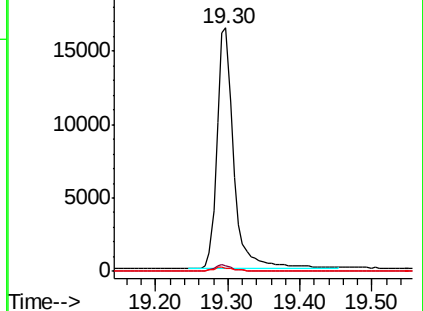
104 1.4 1.3 1.9



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: 21.45 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BE098518.D

Acq: 18 Dec 2018 18:25

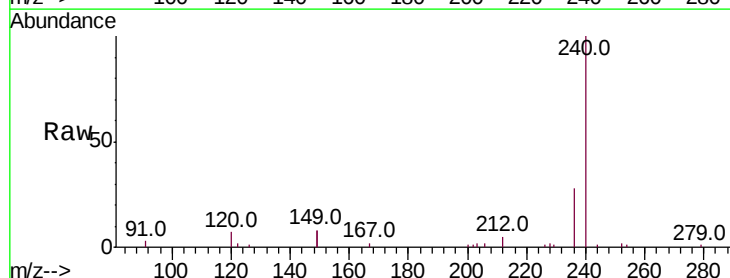
Tgt Ion:240 Resp: 7375

Ion Ratio Lower Upper

240 100

120 7.1 9.5 14.3#

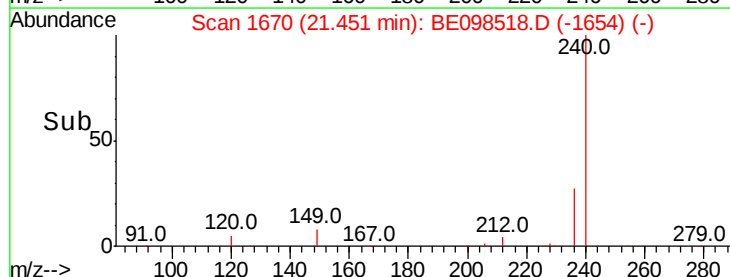
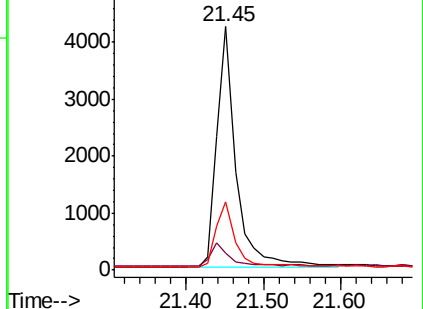
236 27.9 22.7 34.1

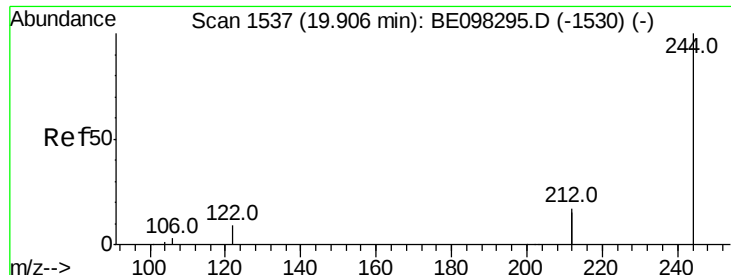


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.252 ng

RT: 19.89 min Scan# 1534

Delta R.T. -0.02 min

Lab File: BE098518.D

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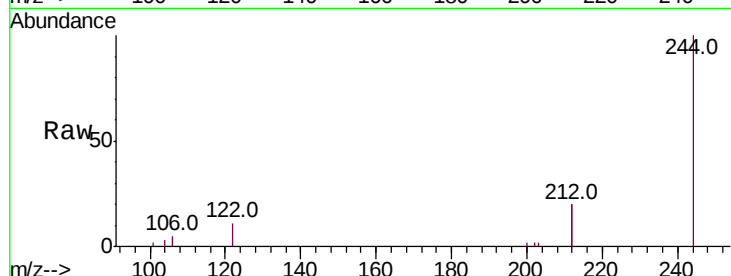
Tot Ion:244 Resp: 4515

Ion Ratio Lower Upper

244 100

212 40.1 27.4 41.0

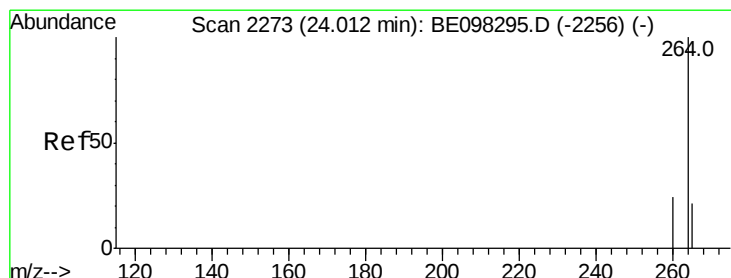
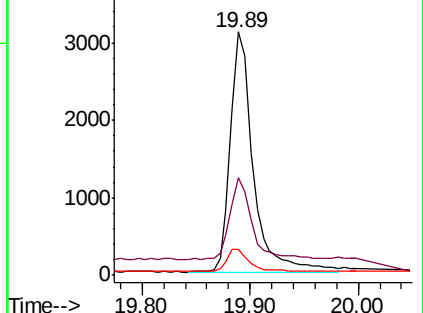
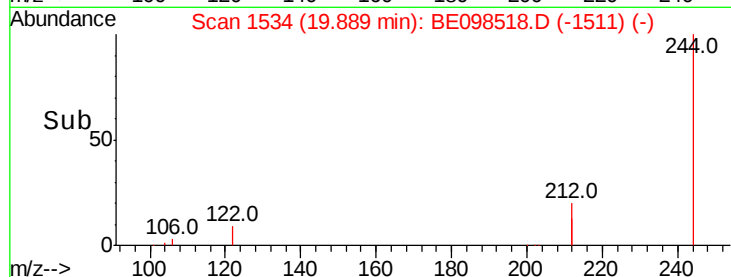
122 10.7 8.3 12.5



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.99 min Scan# 2267

Delta R.T. -0.02 min

Lab File: BE098518.D

Acq: 18 Dec 2018 18:25

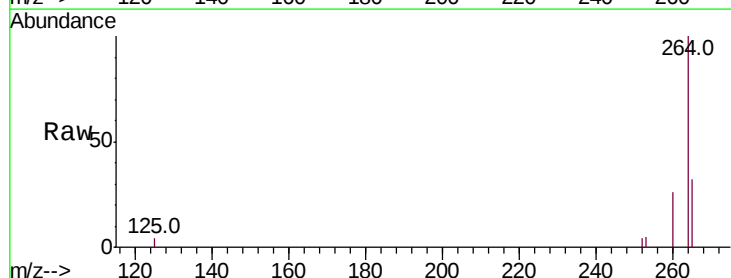
Tgt Ion:264 Resp: 6940

Ion Ratio Lower Upper

264 100

260 26.2 20.2 30.2

265 31.6 25.2 37.8



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

