

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121318\
 Data File : BE098410.D
 Acq On : 13 Dec 2018 23:18
 Operator : SJ/JU
 Sample : J6323-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-123D2-20181207

Quant Time: Dec 14 00:57:08 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

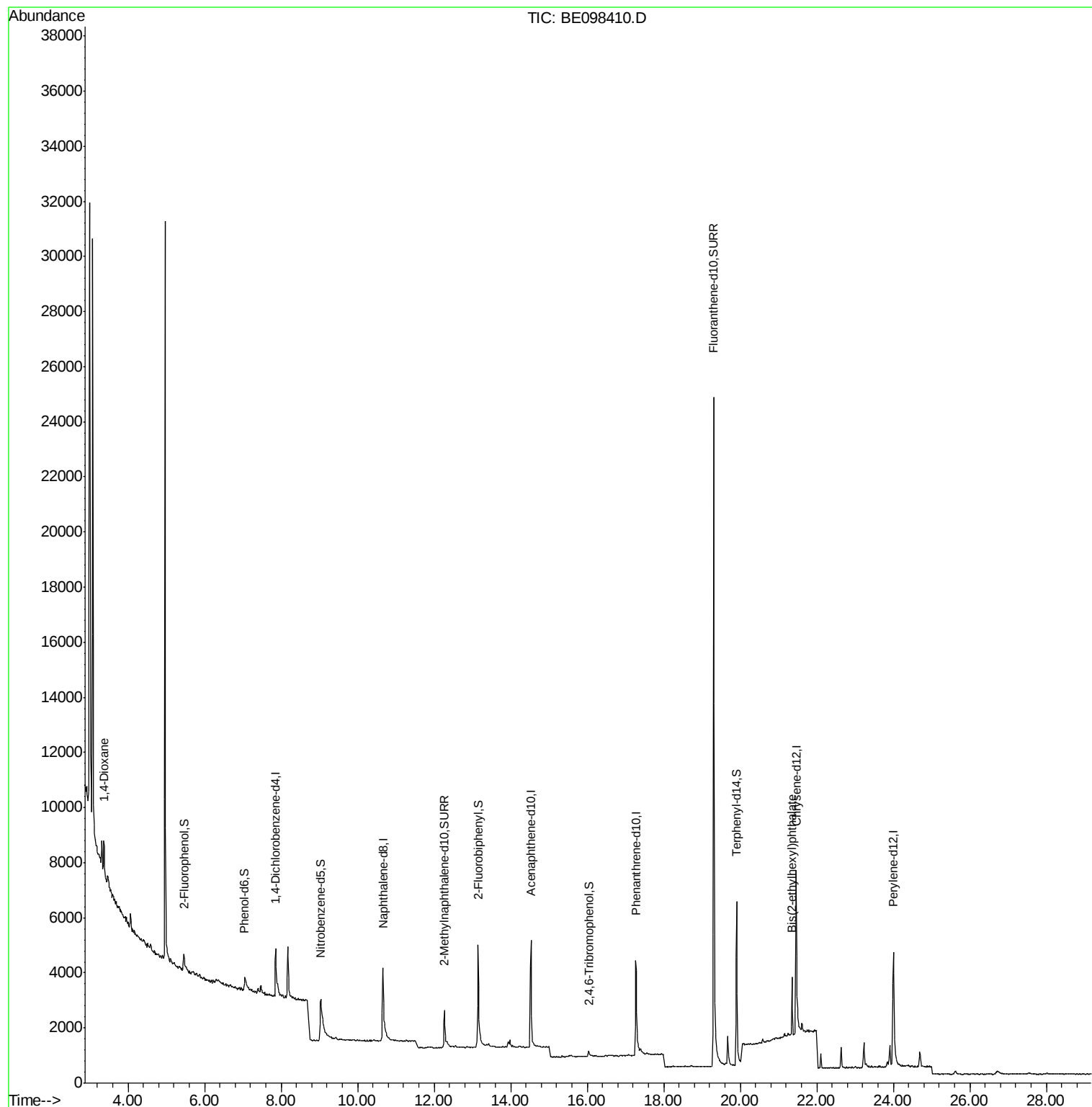
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1105	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4496	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2893	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	7182	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	8622	0.40	ng	0.00
34) Perylene-d12	24.00	264	8280	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	564	0.22	ng	0.00
5) Phenol-d6	7.04	99	405	0.11	ng	0.00
8) Nitrobenzene-d5	9.03	82	1447	0.35	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	2981	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	257	0.24	ng	0.01
15) 2-Fluorobiphenyl	13.15	172	5582	0.46	ng	0.00
25) Fluoranthene-d10	19.30	212	43090	0.47	ng	0.00
29) Terphenyl-d14	19.90	244	7271	0.35	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.37	88	722	0.378	ng	Qvalue # 78
32) Bis(2-ethylhexyl)phthalate	21.35	149	2455	0.049	ng	98

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.00 min

Lab File: BE098410.D

Acq: 13 Dec 2018 23:18

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ClientSampleId :

RE-123D2-20181207

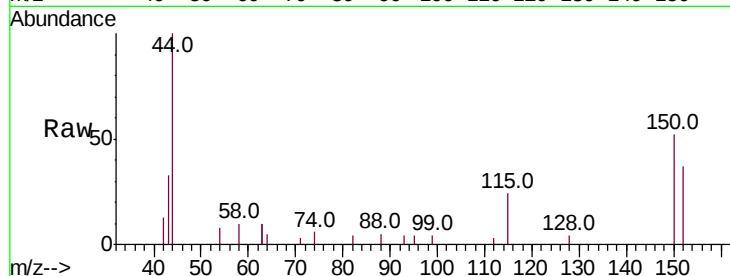
Tot Ion:152 Resp: 1105

Ion Ratio Lower Upper

152 100

150 139.3 124.2 186.4

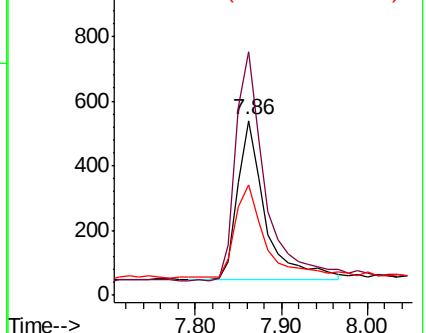
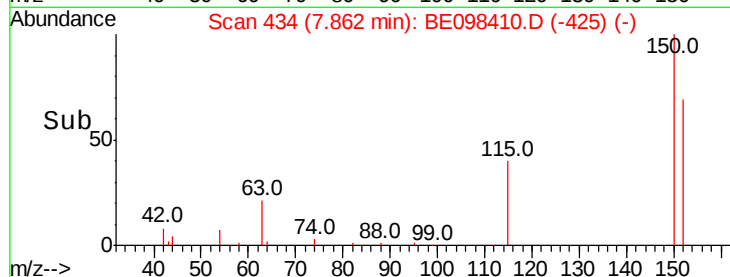
115 63.0 53.9 80.9



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



#2

1,4-Dioxane

Concen: 0.378 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE098410.D

Acq: 13 Dec 2018 23:18

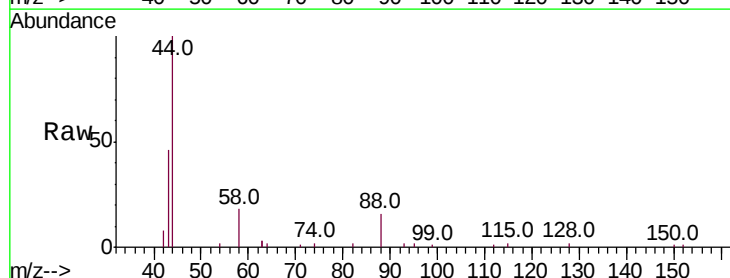
Tgt Ion: 88 Resp: 722

Ion Ratio Lower Upper

88 100

58 101.4 75.0 112.6

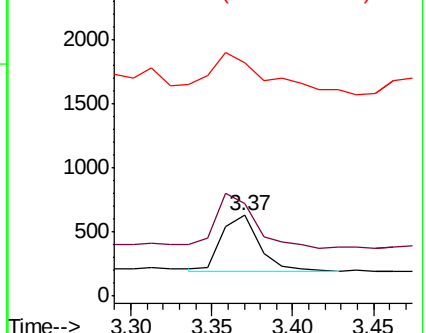
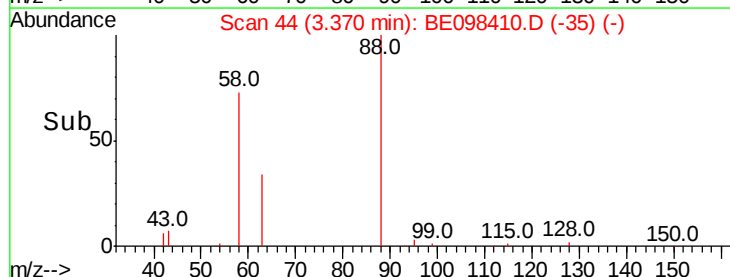
43 81.9 38.3 57.5#



Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.218 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098410.D

Acq: 13 Dec 2018 23:18

Instrument :

BNA_E

ClientSampleId :

RE-123D2-20181207

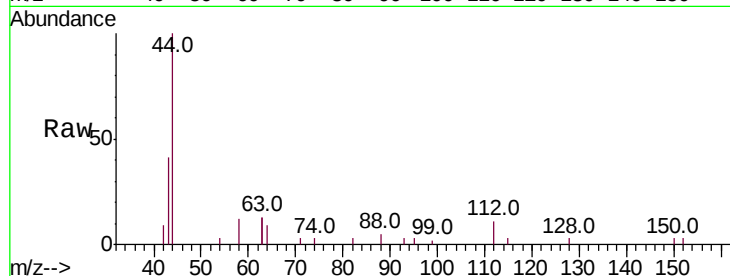
Tot Ion:112 Resp: 564

Ion Ratio Lower Upper

112 100

64 76.2 59.8 89.8

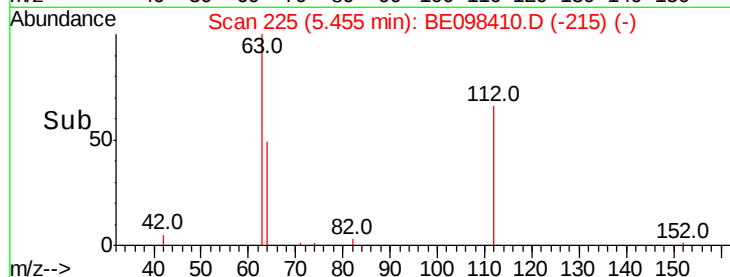
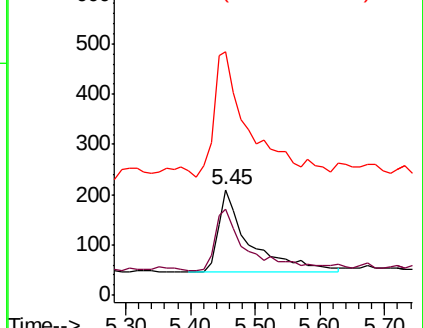
63 158.3 133.7 200.5



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: 0.111 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098410.D

Acq: 13 Dec 2018 23:18

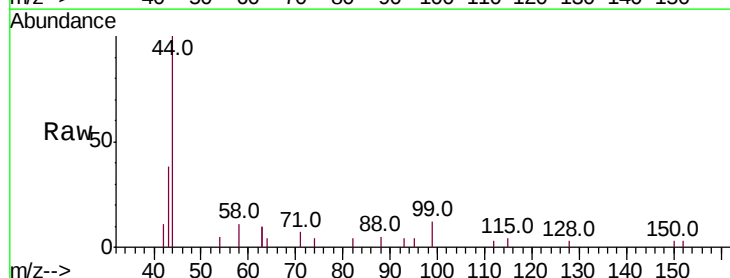
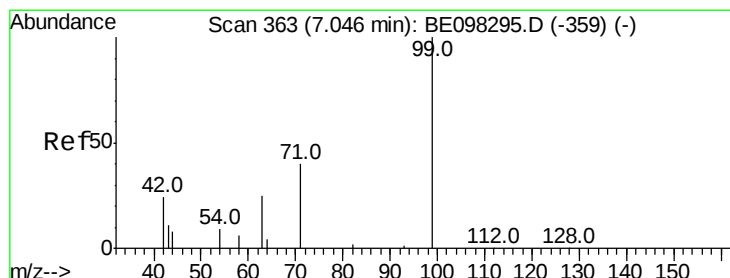
Tgt Ion: 99 Resp: 405

Ion Ratio Lower Upper

99 100

42 36.3 26.3 39.5

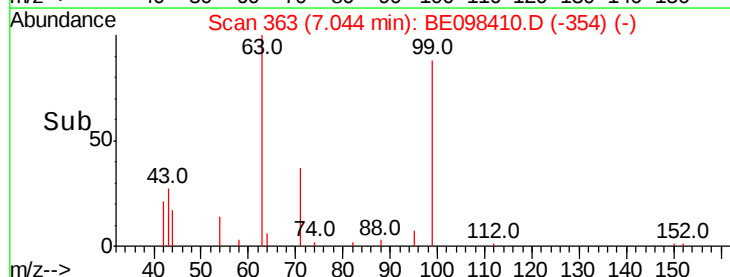
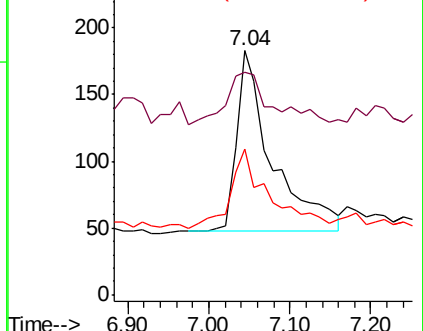
71 47.2 33.6 50.4



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: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098410.D

Acq: 13 Dec 2018 23:18

Instrument :

BNA_E

ClientSampleId :

RE-123D2-20181207

Tot Ion:136 Resp: 4496

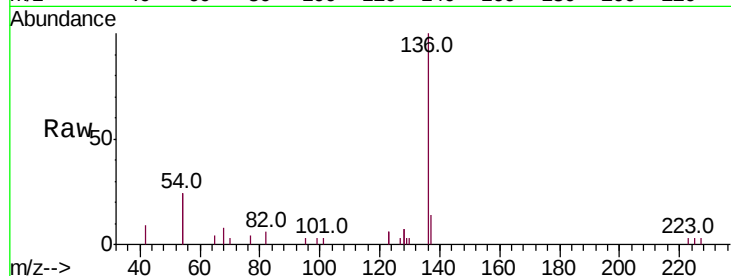
Ion Ratio Lower Upper

136 100

137 14.3 9.2 13.8#

54 48.0 28.4 42.6#

68 8.1 5.4 8.0#

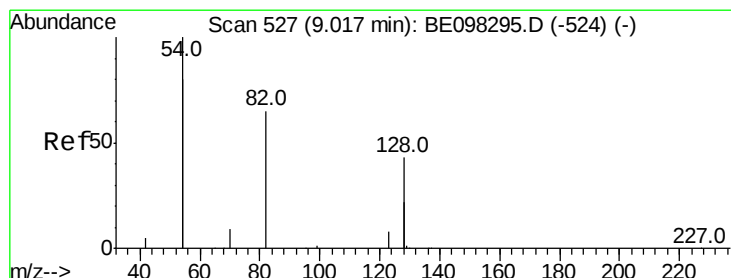
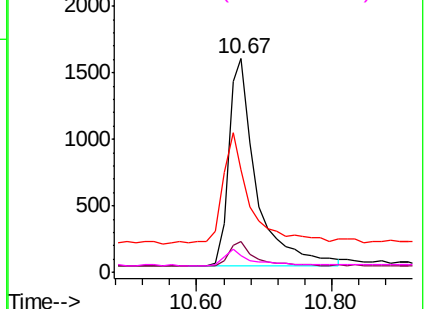
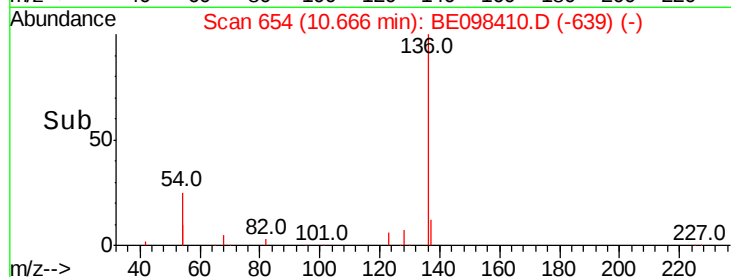


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.354 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098410.D

Acq: 13 Dec 2018 23:18

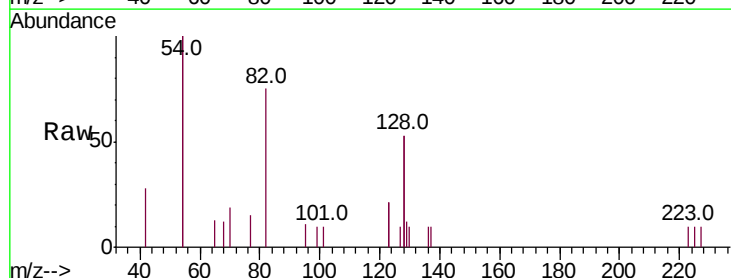
Tgt Ion: 82 Resp: 1447

Ion Ratio Lower Upper

82 100

128 142.2 102.4 153.6

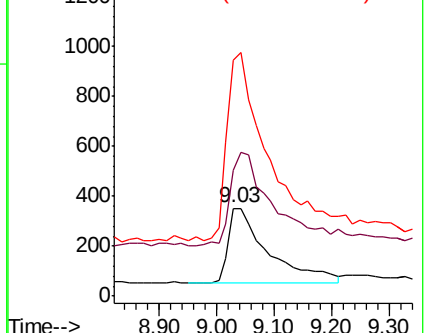
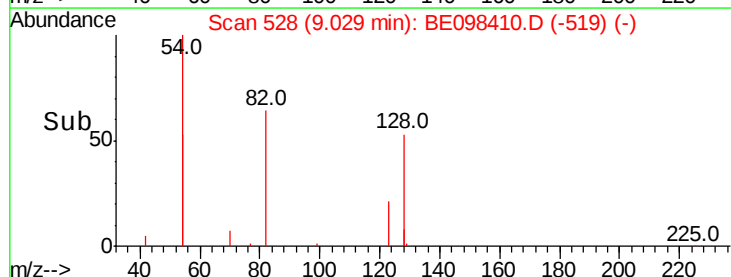
54 268.0 221.8 332.8

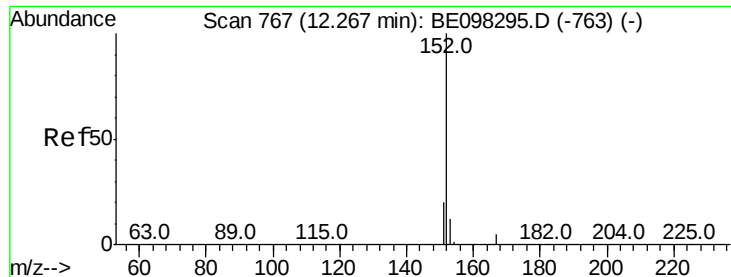


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

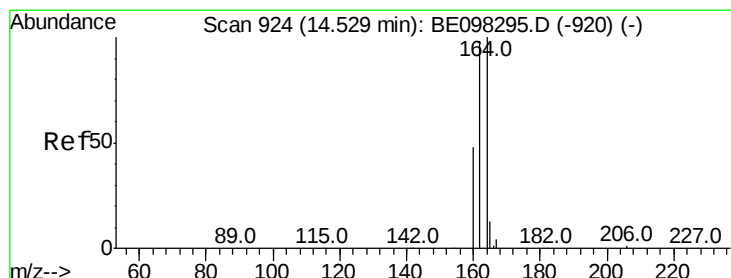
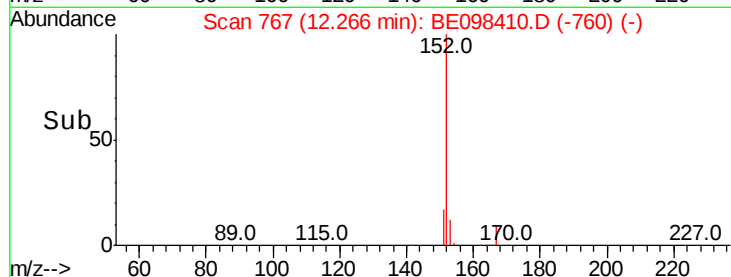
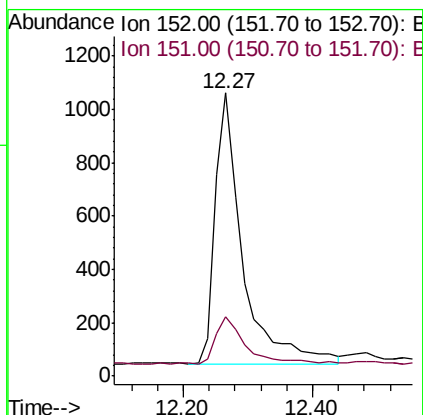
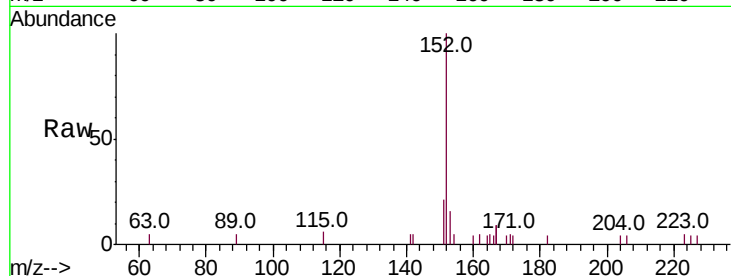




#11
 2-Methylnaphthalene-d10
 Concen: 0.408 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE098410.D
 Acq: 13 Dec 2018 23:18

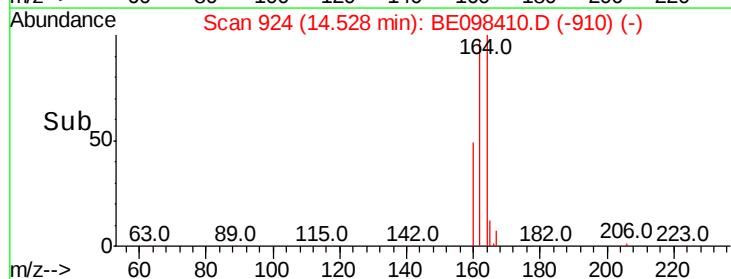
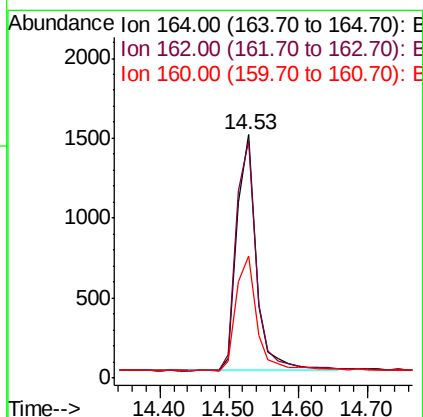
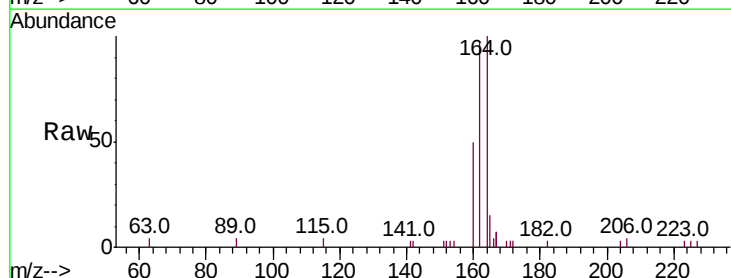
Instrument :
 BNA_E
 ClientSampleId :
 RE-123D2-20181207

Tot Ion:152 Resp: 2981
 Ion Ratio Lower Upper
 152 100
 151 17.9 16.2 24.4



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BE098410.D
 Acq: 13 Dec 2018 23:18

Tgt Ion:164 Resp: 2893
 Ion Ratio Lower Upper
 164 100
 162 97.2 77.6 116.4
 160 50.2 36.0 54.0

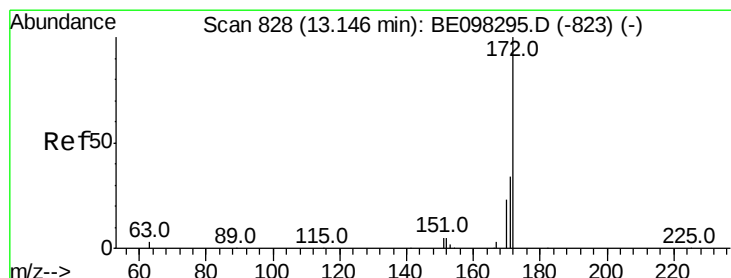
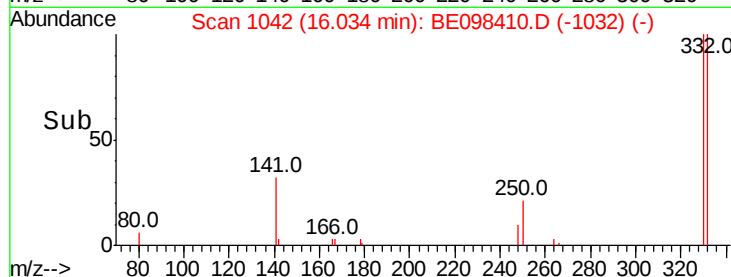
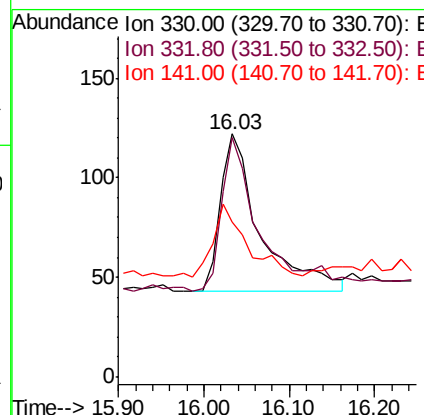
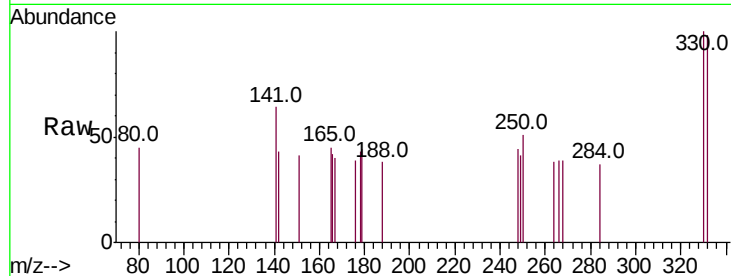




#14
 2,4,6-Tribromophenol
 Concen: 0.242 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BE098410.D
 Acq: 13 Dec 2018 23:18

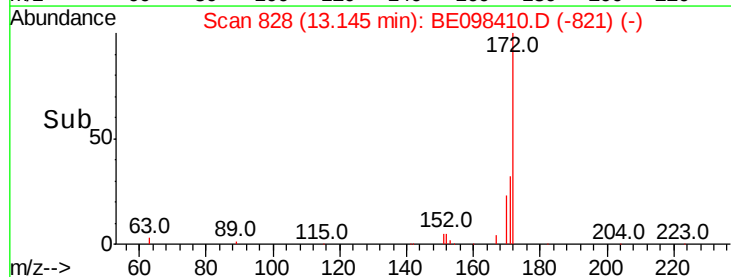
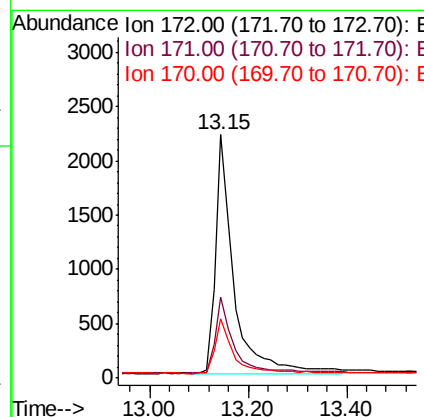
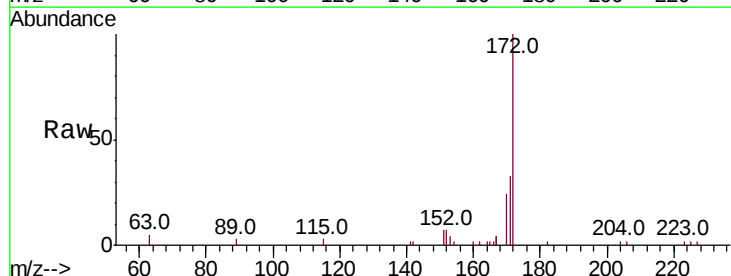
Instrument :
 BNA_E
 ClientSampleId :
 RE-123D2-20181207

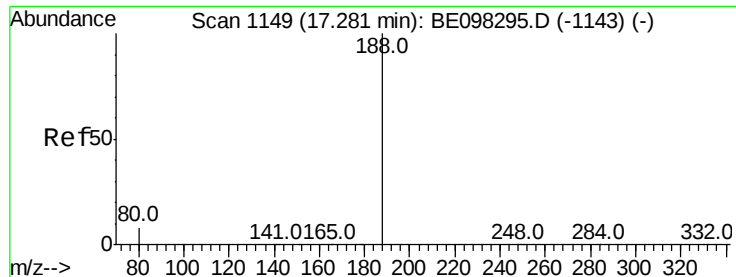
Tot Ion:330 Resp: 257
 Ion Ratio Lower Upper
 330 100
 332 86.4 76.2 114.4
 141 37.4 39.0 58.4#



#15
 2-Fluorobiphenyl
 Concen: 0.457 ng
 RT: 13.15 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BE098410.D
 Acq: 13 Dec 2018 23:18

Tgt Ion:172 Resp: 5582
 Ion Ratio Lower Upper
 172 100
 171 33.4 27.5 41.3
 170 24.2 19.6 29.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098410.D

Acq: 13 Dec 2018 23:18

Instrument :

BNA_E

ClientSampleId :

RE-123D2-20181207

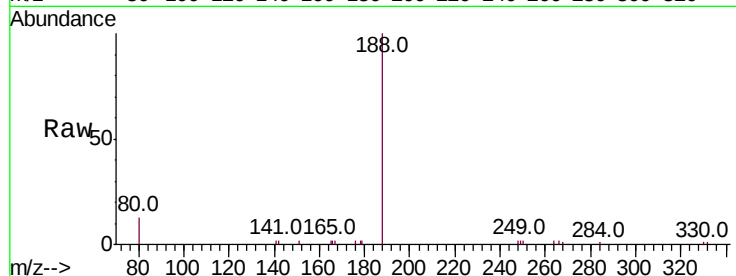
Tot Ion:188 Resp: 7182

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

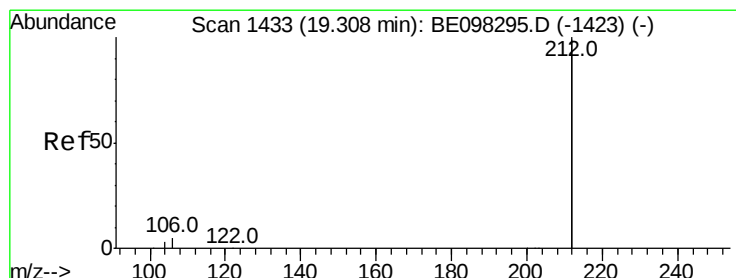
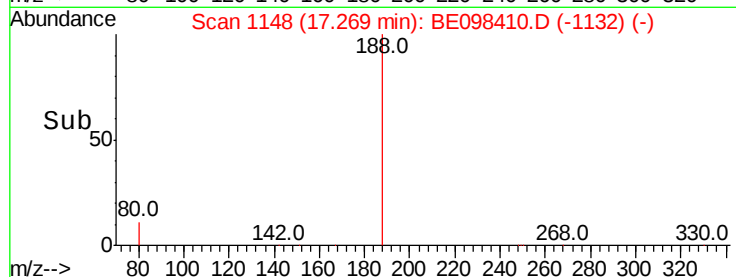
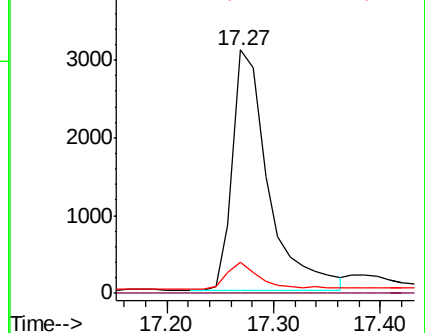
80 12.8 7.2 10.8#



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: 0.468 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE098410.D

Acq: 13 Dec 2018 23:18

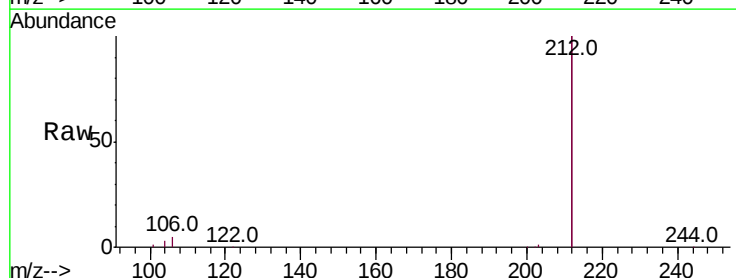
Tgt Ion:212 Resp: 43090

Ion Ratio Lower Upper

212 100

106 2.5 2.2 3.2

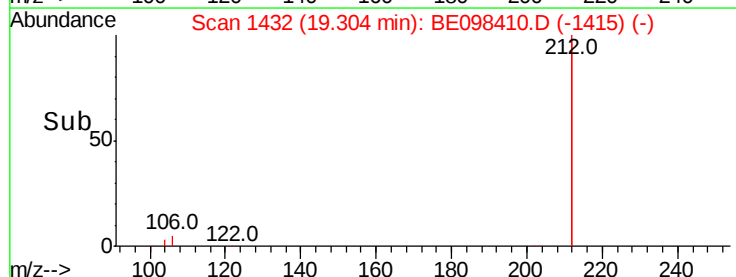
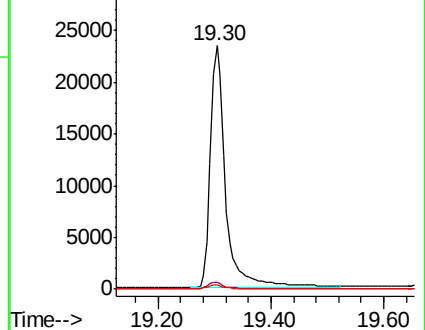
104 1.6 1.3 1.9



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: BE098410.D

Acq: 13 Dec 2018 23:18

Instrument :

BNA_E

ClientSampleId :

RE-123D2-20181207

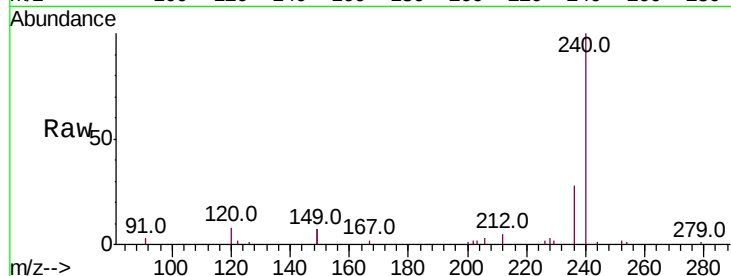
Tot Ion:240 Resp: 8622

Ion Ratio Lower Upper

240 100

120 8.2 9.5 14.3#

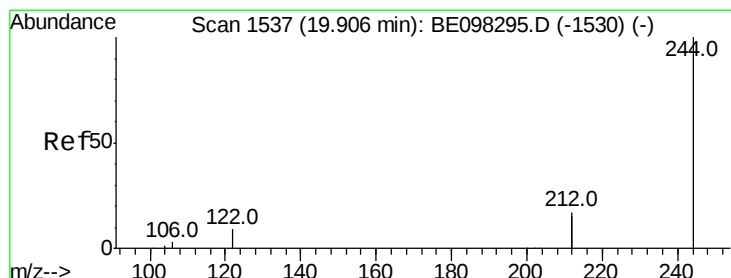
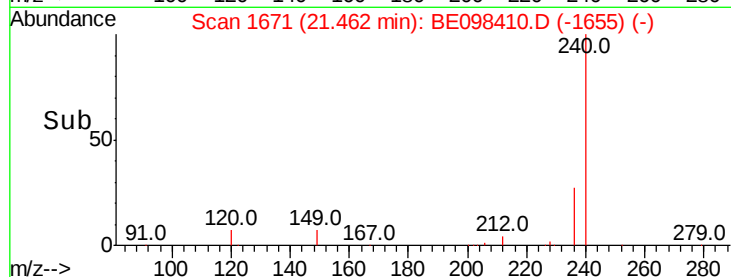
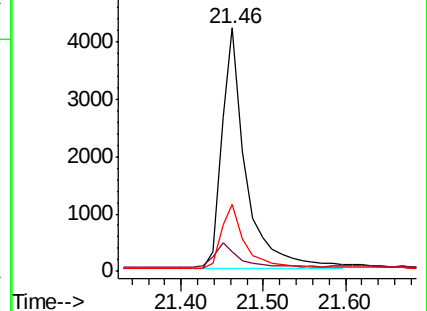
236 27.7 22.7 34.1



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: 0.347 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BE098410.D

Acq: 13 Dec 2018 23:18

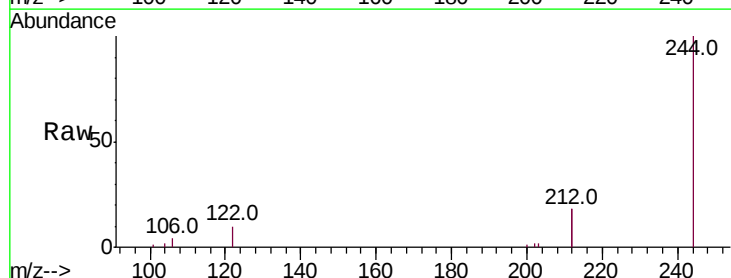
Tgt Ion:244 Resp: 7271

Ion Ratio Lower Upper

244 100

212 36.9 27.4 41.0

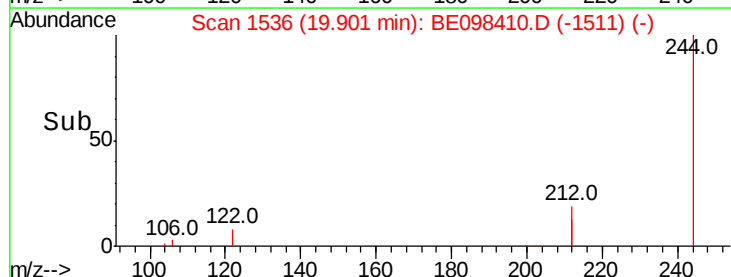
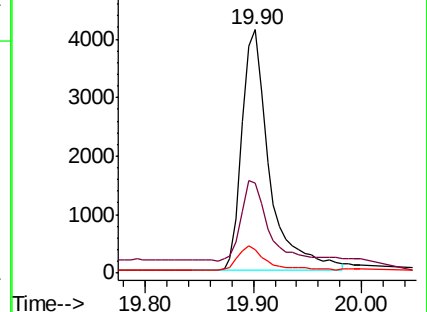
122 9.6 8.3 12.5

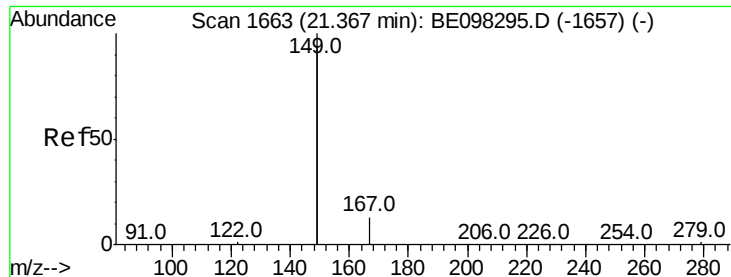


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

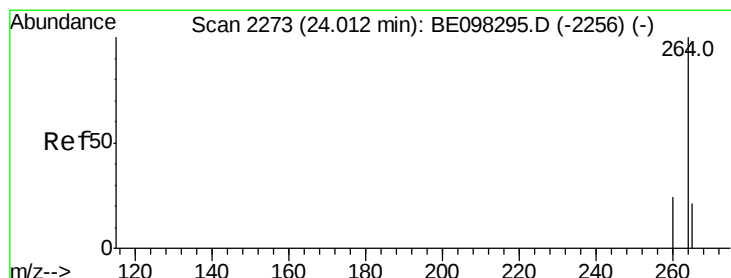
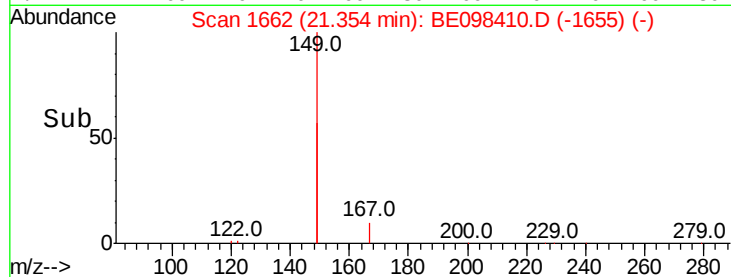
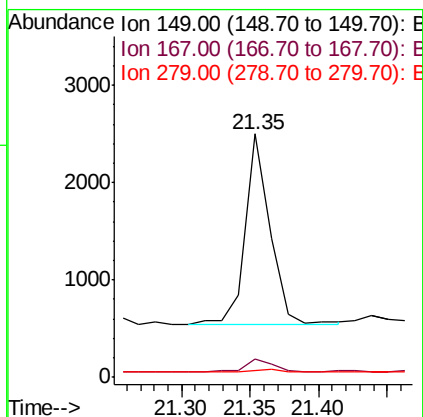
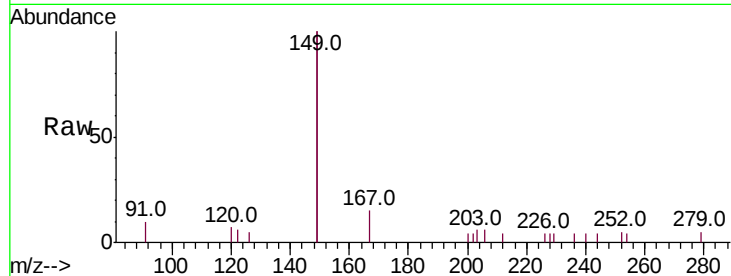




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.049 ng
 RT: 21.35 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BE098410.D
 Acq: 13 Dec 2018 23:18

Instrument :
 BNA_E
 ClientSampleId :
 RE-123D2-20181207

Tot Ion	Ratio	Lower	Upper
149	100		
167	7.8	5.7	8.5
279	1.3	1.0	1.4



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.00 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BE098410.D
 Acq: 13 Dec 2018 23:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.2	30.2
265	28.3	25.2	37.8

