

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121518\
 Data File : BE098481.D
 Acq On : 15 Dec 2018 20:36
 Operator : SJ/JU
 Sample : J6405-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EB01-20181211

Quant Time: Dec 16 02:35:09 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

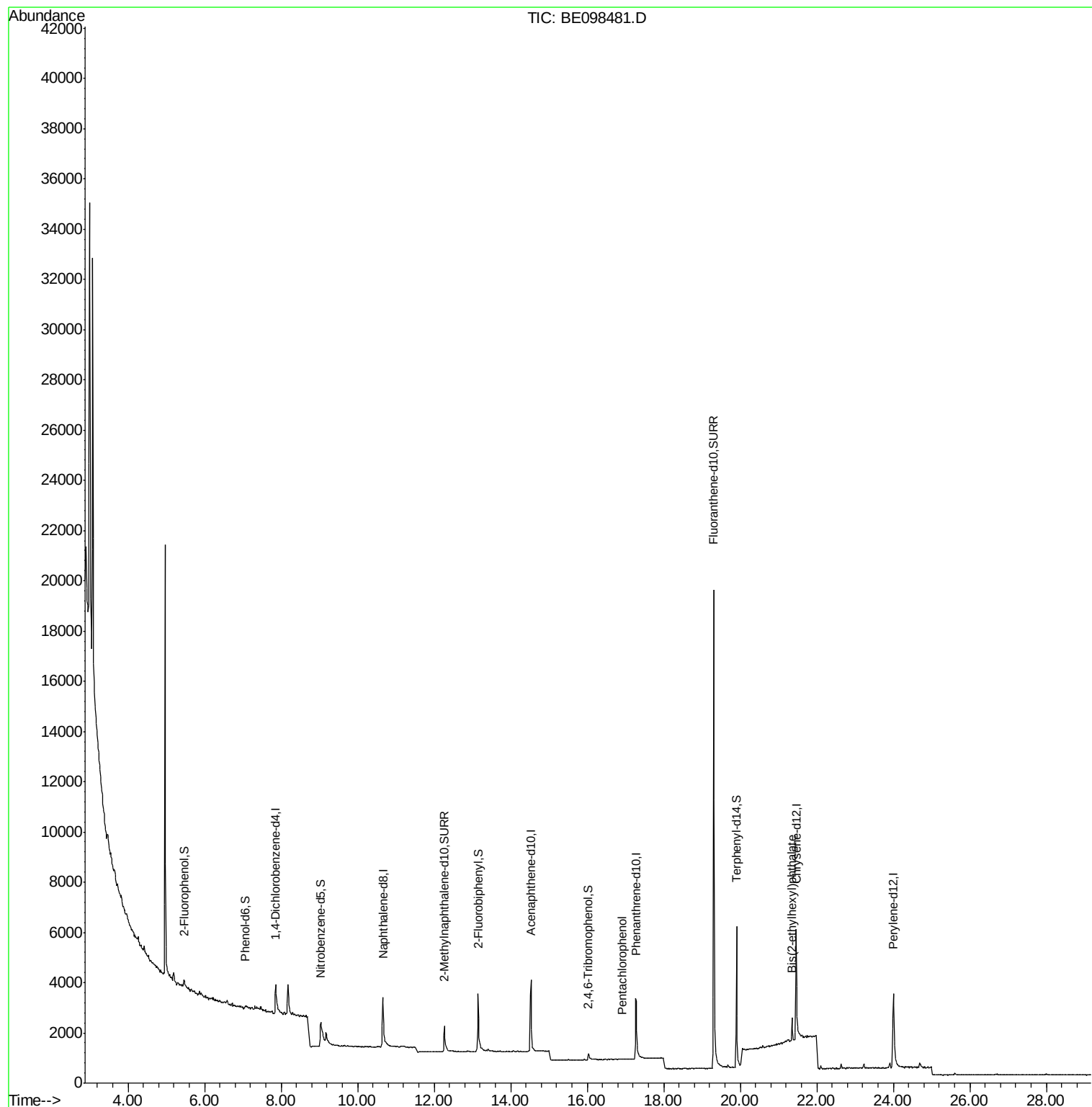
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	763	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	3251	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2128	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	5593	0.40	ng	0.00
27) Chrysene-d12	21.46	240	6329	0.40	ng	0.00
34) Perylene-d12	24.00	264	5903	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	334	0.19	ng	0.02
5) Phenol-d6	7.07	99	198	0.08	ng	0.02
8) Nitrobenzene-d5	9.04	82	840	0.28	ng	0.03
11) 2-Methylnaphthalene-d10	12.27	152	2113	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	263	0.34	ng	0.01
15) 2-Fluorobiphenyl	13.15	172	3383	0.38	ng	0.00
25) Fluoranthene-d10	19.30	212	32015	0.45	ng	0.00
29) Terphenyl-d14	19.90	244	6157	0.40	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.91	266	3	0.022	ng	# 67
32) Bis(2-ethylhexyl)phthalate	21.35	149	1224	0.033	ng	# 99

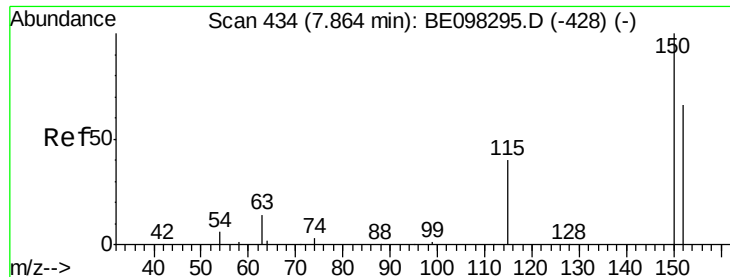
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.00 min

Lab File: BE098481.D

Acq: 15 Dec 2018 20:36

Instrument :

BNA_E

ClientSampleId :

EB01-20181211

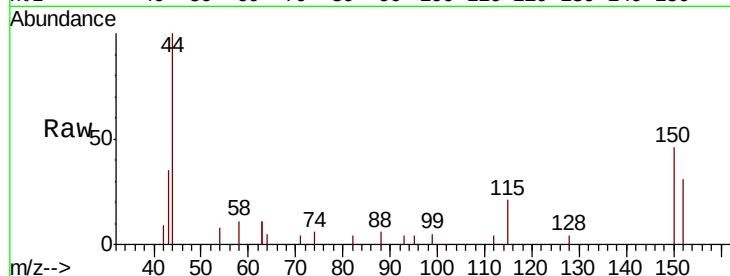
Tgt Ion:152 Resp: 763

Ion Ratio Lower Upper

152 100

150 148.1 124.2 186.4

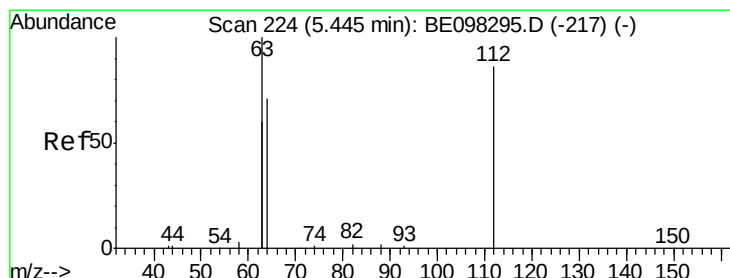
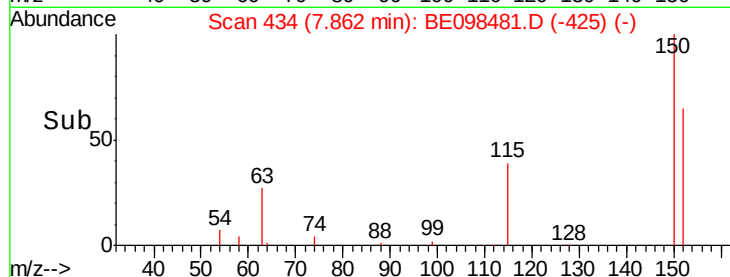
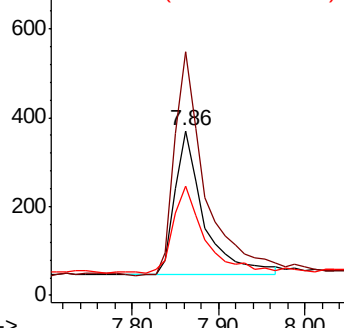
115 66.5 53.9 80.9



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: 0.187 ng

RT: 5.47 min Scan# 226

Delta R.T. 0.02 min

Lab File: BE098481.D

Acq: 15 Dec 2018 20:36

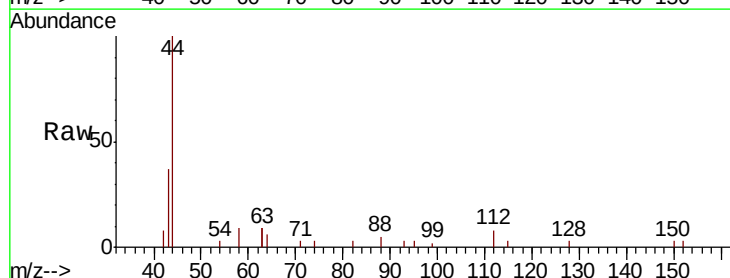
Tgt Ion:112 Resp: 334

Ion Ratio Lower Upper

112 100

64 87.4 59.8 89.8

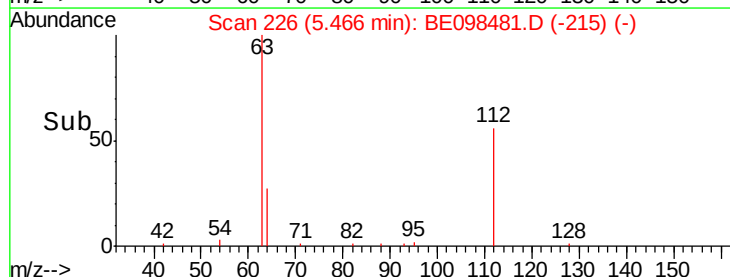
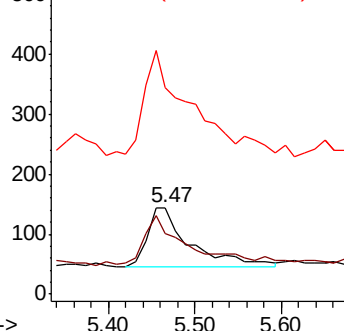
63 209.3 133.7 200.5#

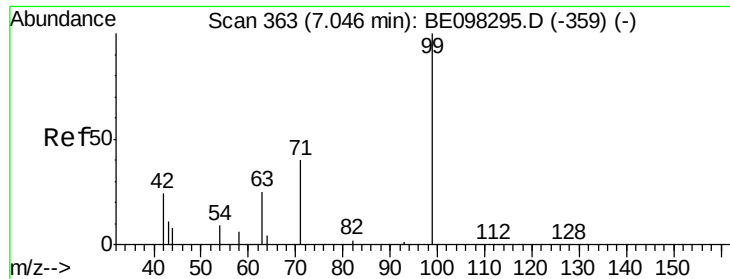


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.078 ng

RT: 7.07 min Scan# 365

Delta R.T. 0.02 min

Lab File: BE098481.D

Acq: 15 Dec 2018 20:36

Instrument :

BNA_E

ClientSampleId :

EB01-20181211

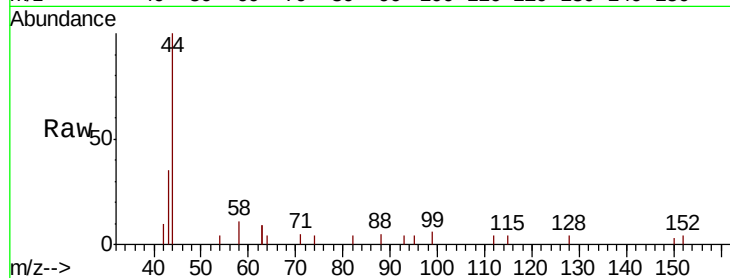
Tgt Ion: 99 Resp: 198

Ion Ratio Lower Upper

99 100

42 32.3 26.3 39.5

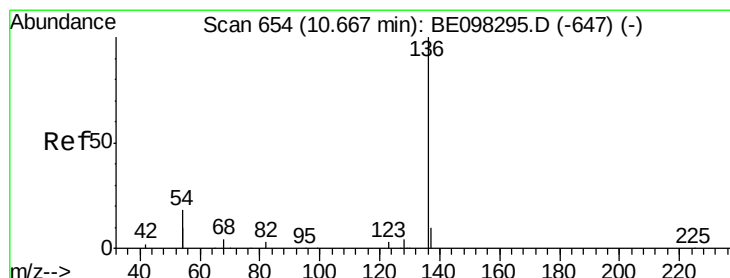
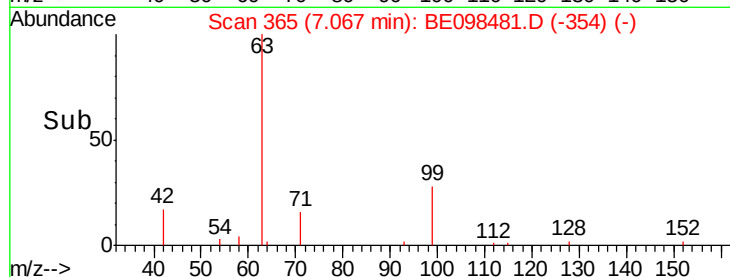
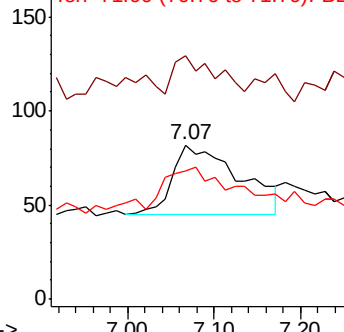
71 69.7 33.6 50.4#



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: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098481.D

Acq: 15 Dec 2018 20:36

Tgt Ion: 136 Resp: 3251

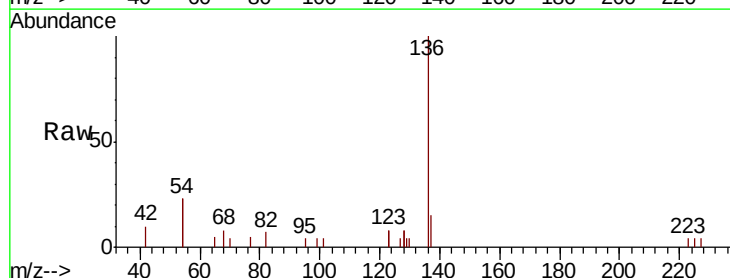
Ion Ratio Lower Upper

136 100

137 15.3 9.2 13.8#

54 46.6 28.4 42.6#

68 8.1 5.4 8.0#

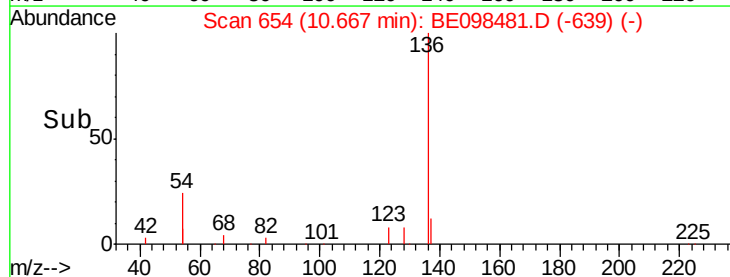
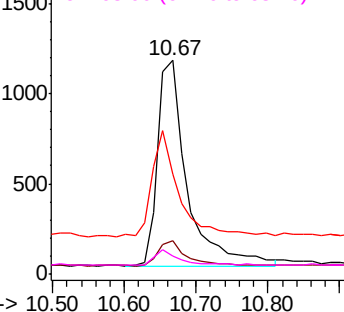


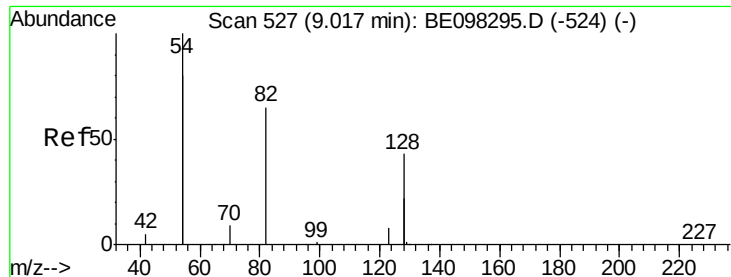
Abundance Ion 136.00 (135.70 to 136.70): E

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

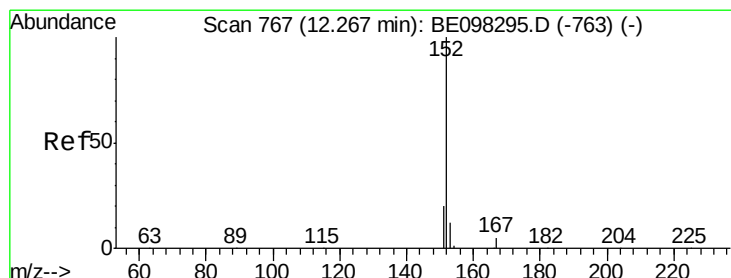
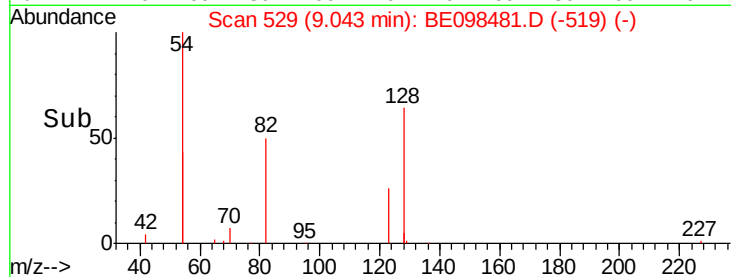
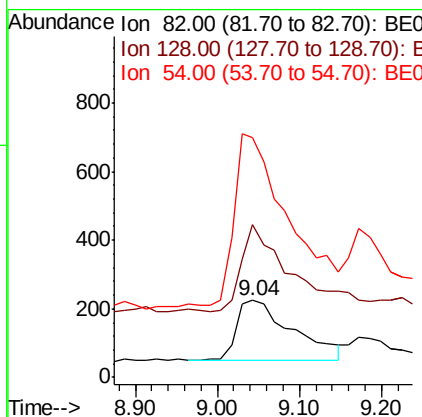
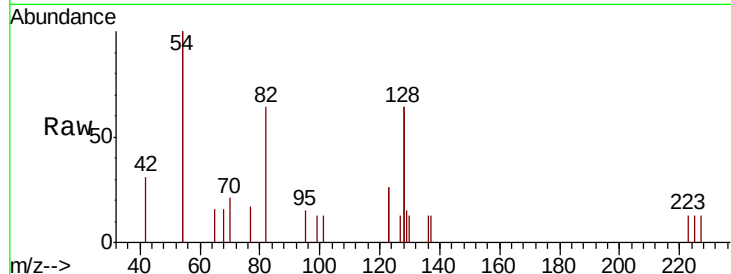




#8
 Nitrobenzene-d5
 Concen: 0.284 ng
 RT: 9.04 min Scan# 529
 Delta R.T. 0.03 min
 Lab File: BE098481.D
 Acq: 15 Dec 2018 20:36

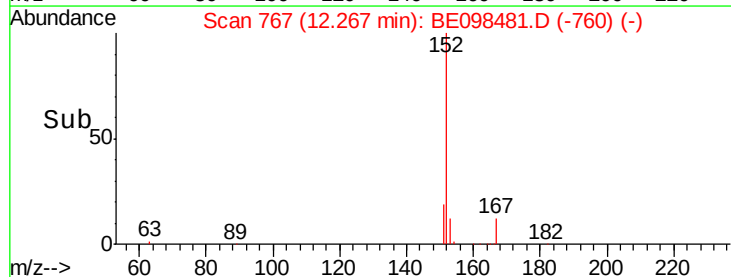
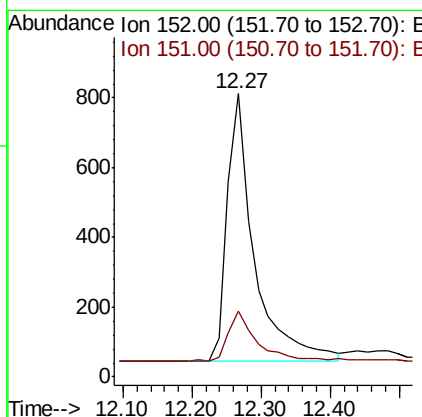
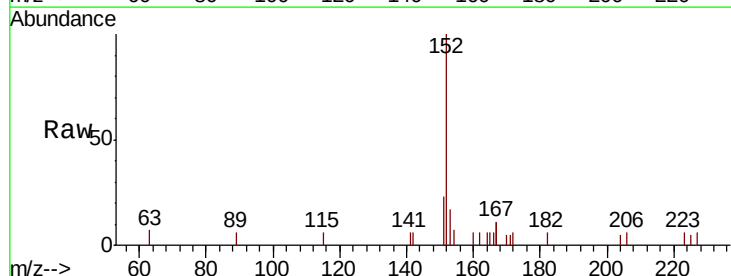
Instrument :
 BNA_E
 ClientSampleId :
 EB01-20181211

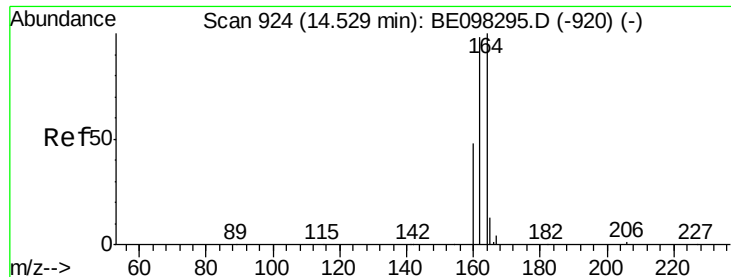
Tgt Ion	Ratio	Lower	Upper
82	100		
128	199.1	102.4	153.6
54	311.6	221.8	332.8



#11
 2-Methylnaphthalene-d10
 Concen: 0.400 ng
 RT: 12.27 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BE098481.D
 Acq: 15 Dec 2018 20:36

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.4

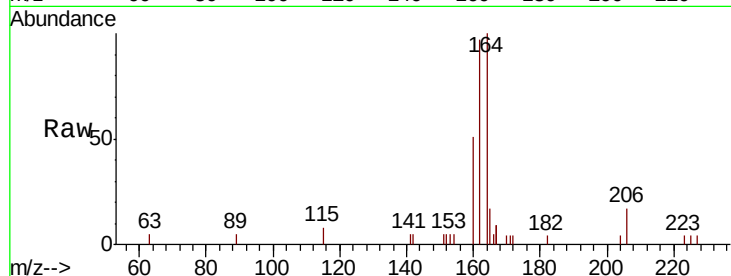




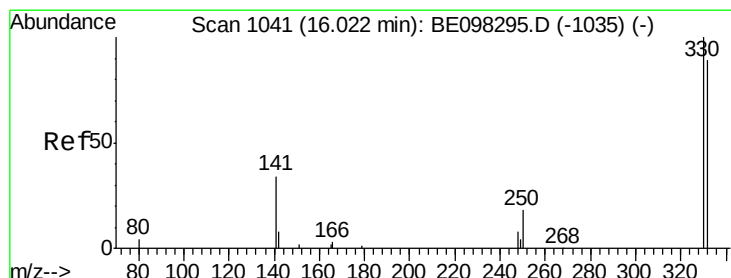
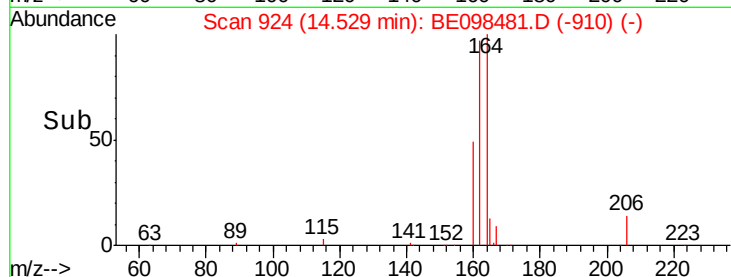
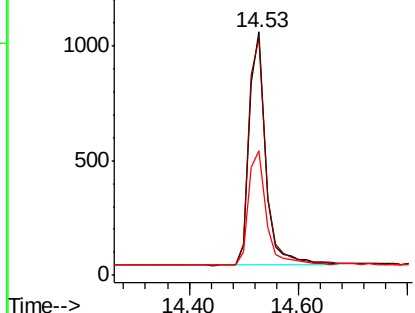
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BE098481.D
 Acq: 15 Dec 2018 20:36

Instrument :
 BNA_E
 ClientSampleId :
 EB01-20181211

Tgt Ion:164 Resp: 2128
 Ion Ratio Lower Upper
 164 100
 162 97.5 77.6 116.4
 160 51.4 36.0 54.0

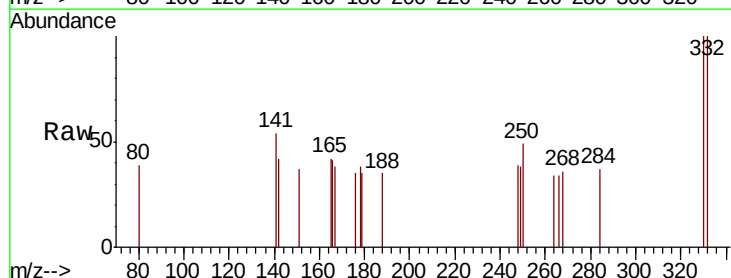


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

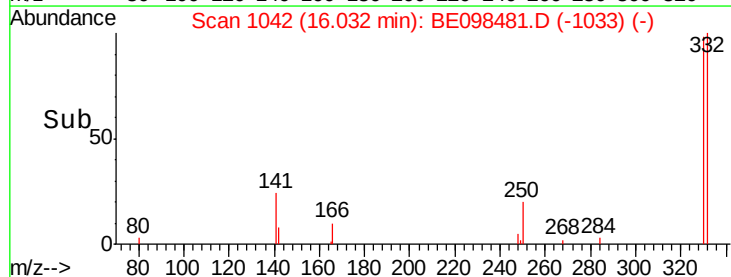
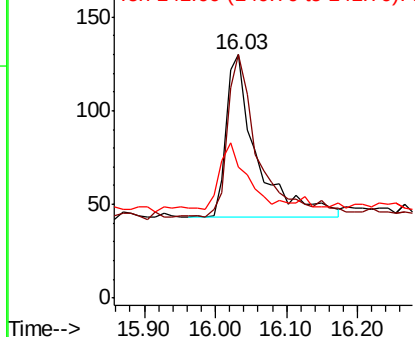


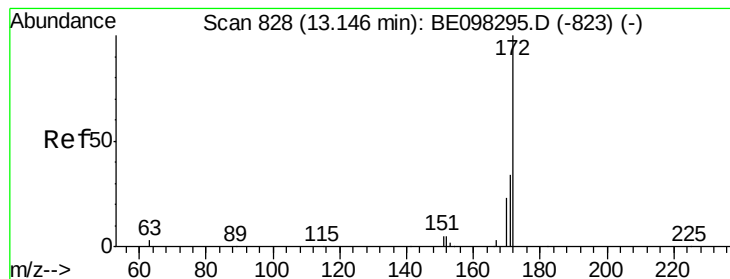
#14
 2,4,6-Tribromophenol
 Concen: 0.337 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BE098481.D
 Acq: 15 Dec 2018 20:36

Tgt Ion:330 Resp: 263
 Ion Ratio Lower Upper
 330 100
 332 92.8 76.2 114.4
 141 35.0 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: 0.377 ng

RT: 13.15 min Scan# 828

Delta R.T. 0.00 min

Lab File: BE098481.D

Acq: 15 Dec 2018 20:36

Instrument :

BNA_E

ClientSampleId :

EB01-20181211

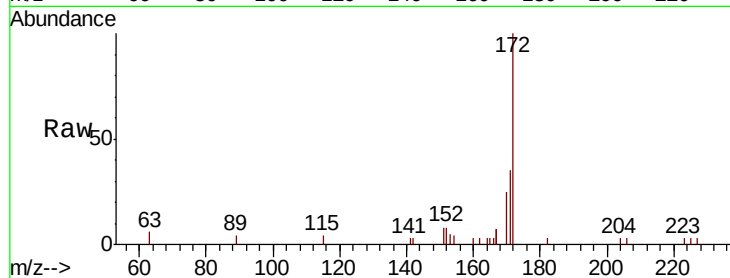
Tgt Ion:172 Resp: 3383

Ion Ratio Lower Upper

172 100

171 34.9 27.5 41.3

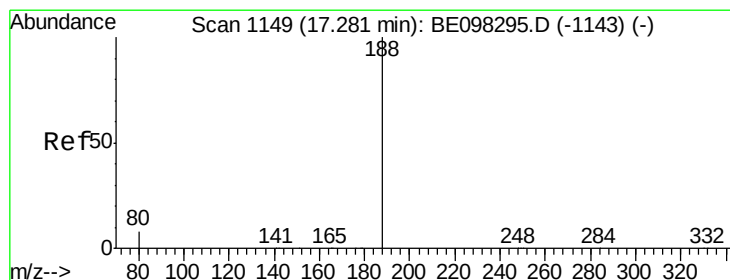
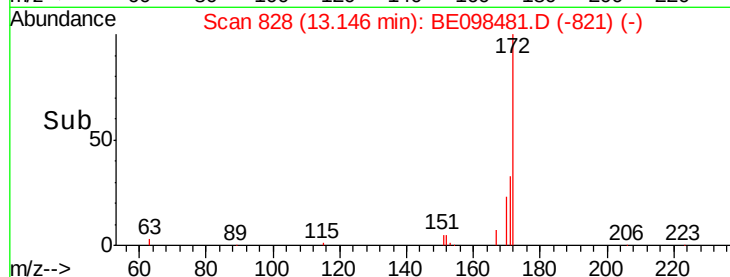
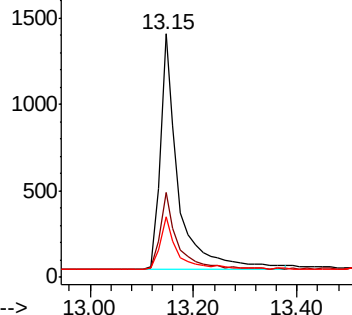
170 25.0 19.6 29.4



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: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098481.D

Acq: 15 Dec 2018 20:36

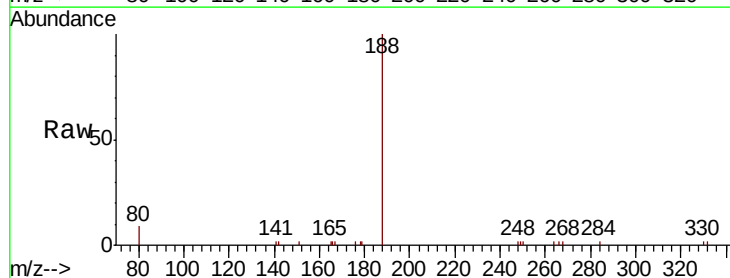
Tgt Ion:188 Resp: 5593

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

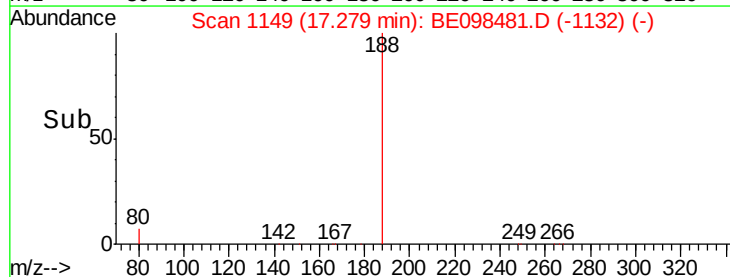
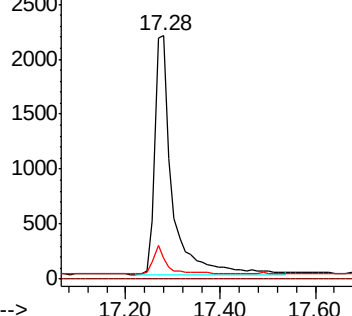
80 8.8 7.2 10.8

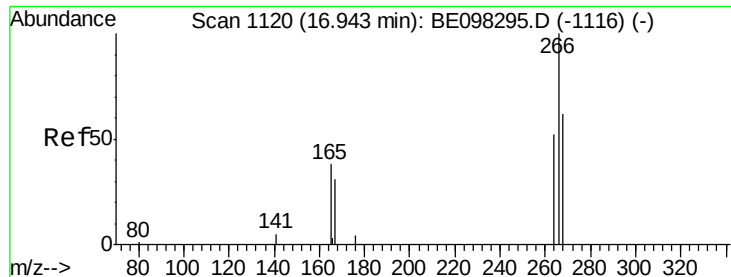


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.022 ng

RT: 16.91 min Scan# 1117

Delta R.T. -0.04 min

Lab File: BE098481.D

Acq: 15 Dec 2018 20:36

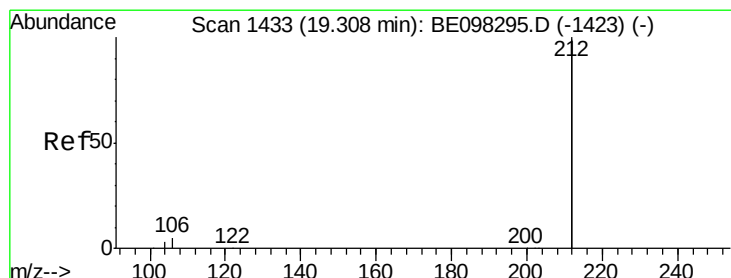
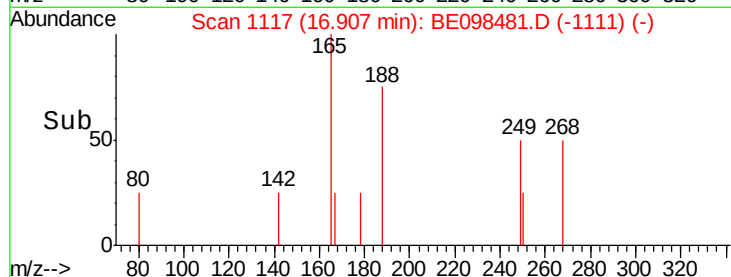
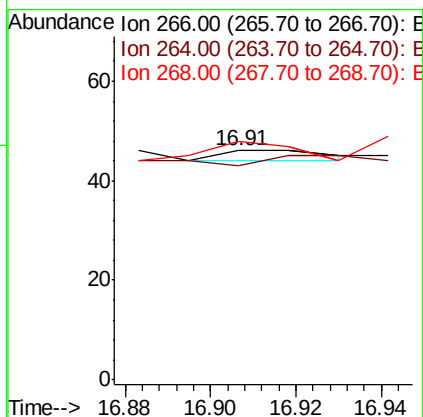
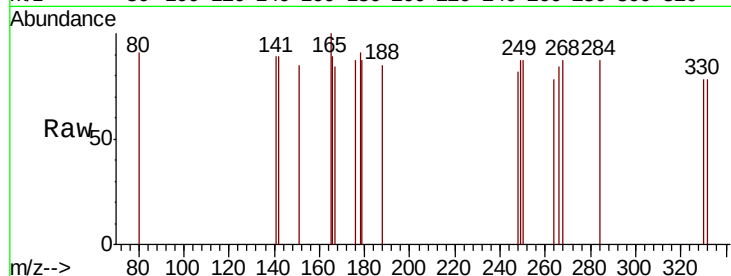
Instrument :

BNA_E

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EB01-20181211

Tgt Ion:	266	Resp:	3
Ion	Ratio	Lower	Upper
266	100		
264	93.5	59.0	88.4#
268	104.3	55.1	82.7#



#25

Fluoranthene-d10

Concen: 0.446 ng

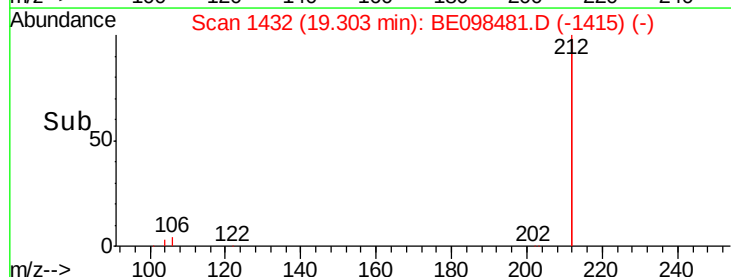
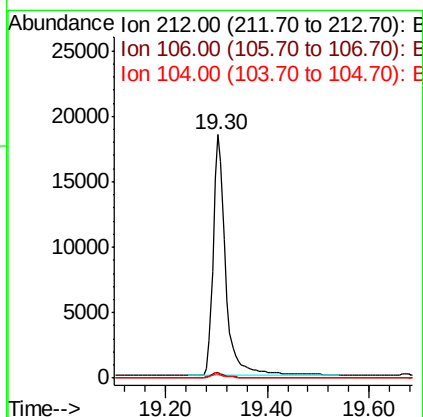
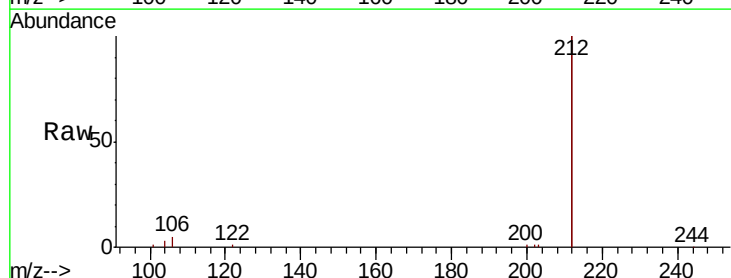
RT: 19.30 min Scan# 1432

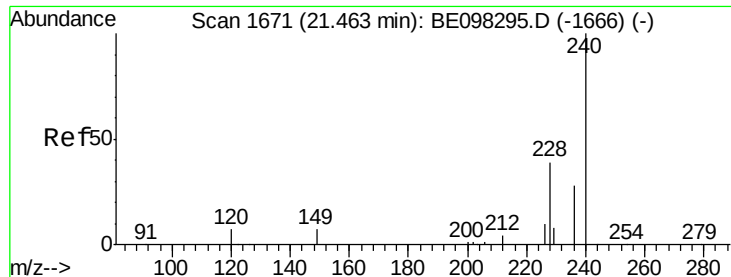
Delta R.T. -0.01 min

Lab File: BE098481.D

Acq: 15 Dec 2018 20:36

Tgt Ion:	212	Resp:	32015
Ion	Ratio	Lower	Upper
212	100		
106	2.3	2.2	3.2
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: BE098481.D

Acq: 15 Dec 2018 20:36

Instrument :

BNA_E

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EB01-20181211

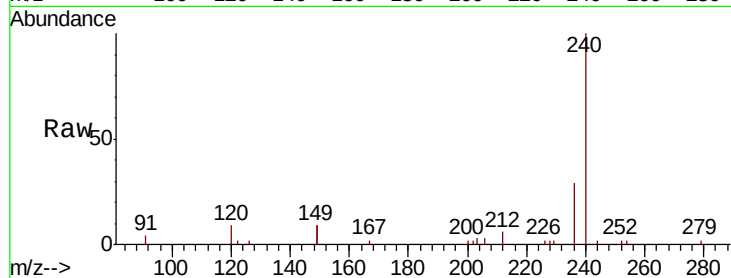
Tgt Ion:240 Resp: 6329

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

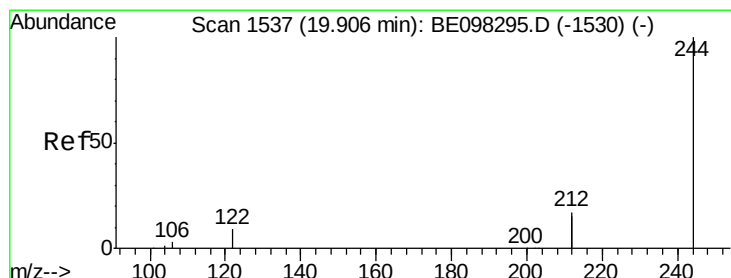
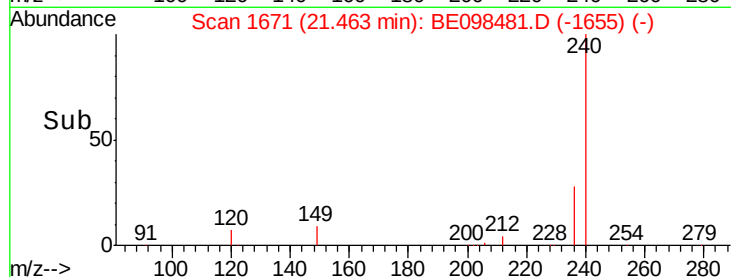
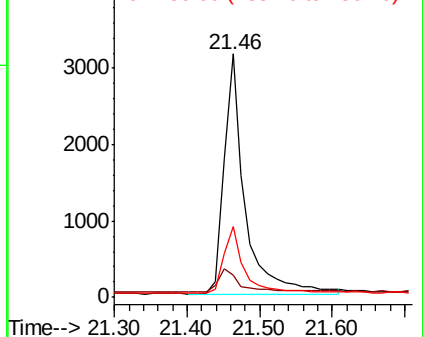
236 29.1 22.7 34.1



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: 0.400 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098481.D

Acq: 15 Dec 2018 20:36

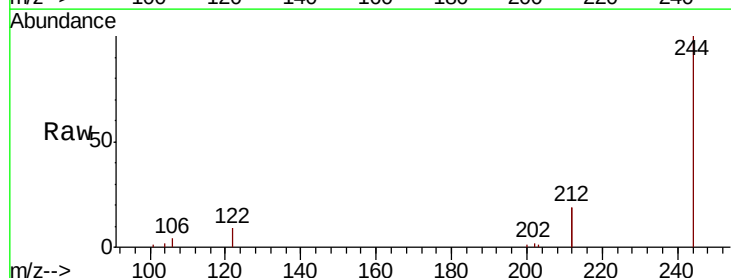
Tgt Ion:244 Resp: 6157

Ion Ratio Lower Upper

244 100

212 38.9 27.4 41.0

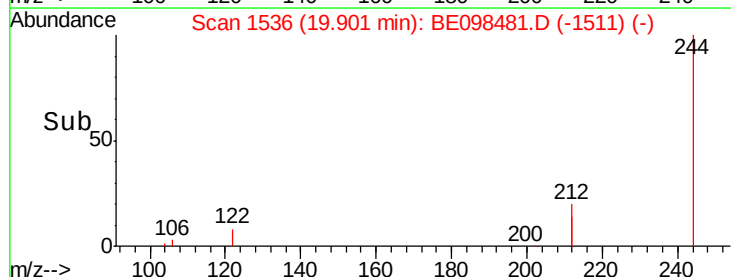
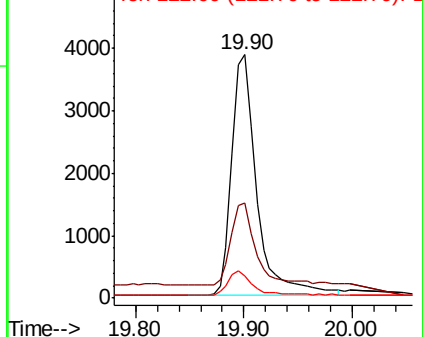
122 9.0 8.3 12.5

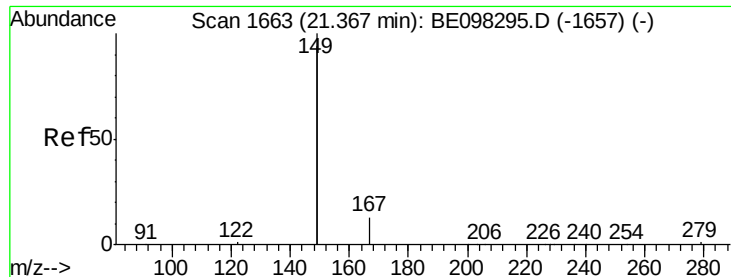


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

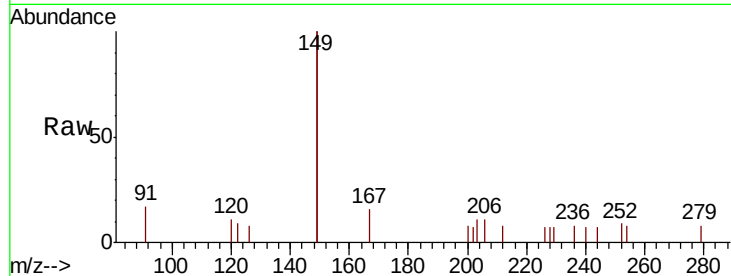




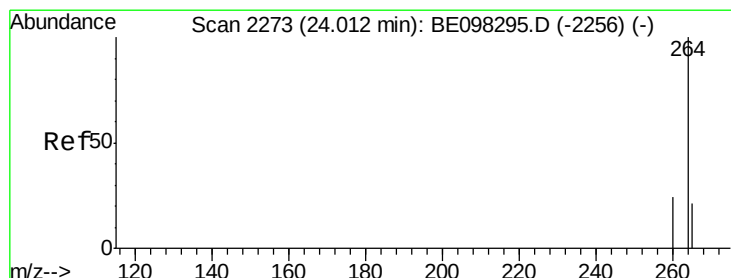
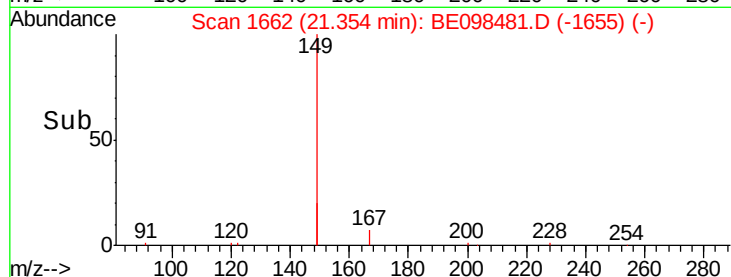
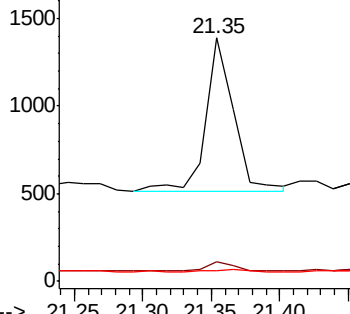
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.033 ng
 RT: 21.35 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BE098481.D
 Acq: 15 Dec 2018 20:36

Instrument :
 BNA_E
 ClientSampleId :
 EB01-20181211

Tgt Ion:149 Resp: 1224
 Ion Ratio Lower Upper
 149 100
 167 6.9 5.7 8.5
 279 2.9 1.0 1.4#

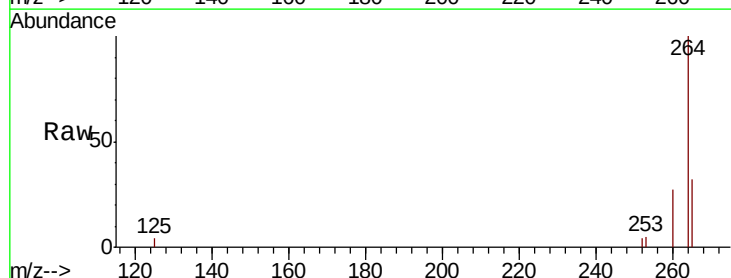


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.00 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BE098481.D
 Acq: 15 Dec 2018 20:36

Tgt Ion:264 Resp: 5903
 Ion Ratio Lower Upper
 264 100
 260 27.3 20.2 30.2
 265 31.8 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

