

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011719\
 Data File : BE098654.D
 Acq On : 17 Jan 2019 19:38
 Operator : SJ/JU
 Sample : K1174-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RD-5-PZ-1

Quant Time: Jan 18 02:03:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE011519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 15 14:30:55 2019
 Response via : Initial Calibration

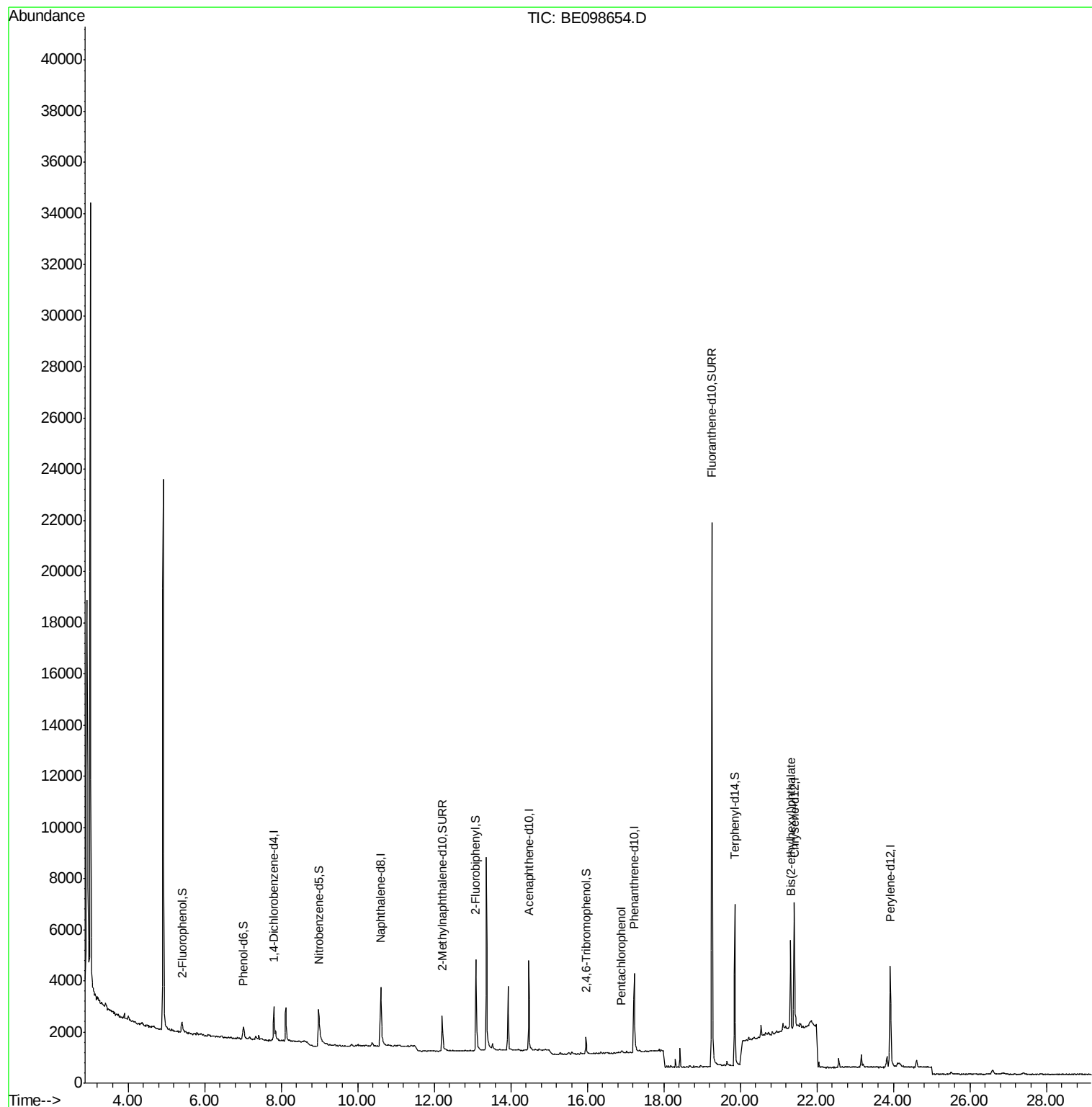
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	746	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3299	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2255	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	5434	0.40	ng	0.00
27) Chrysene-d12	21.42	240	6291	0.40	ng	0.00
34) Perylene-d12	23.92	264	6250	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	317	0.16	ng	0.01
5) Phenol-d6	7.00	99	321	0.11	ng	0.00
8) Nitrobenzene-d5	8.98	82	1077	0.41	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	2375	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	447	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4417	0.48	ng	0.00
25) Fluoranthene-d10	19.26	212	31427	0.47	ng	0.00
29) Terphenyl-d14	19.86	244	6025	0.43	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.89	266	91	0.267	ng	# 81
32) Bis(2-ethylhexyl)phthalate	21.32	149	4506	0.126	ng	# 99

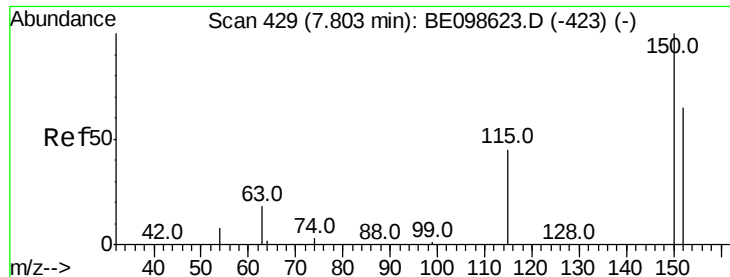
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 15 14:30:55 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 429

Delta R.T. 0.00 min

Lab File: BE098654.D

Acq: 17 Jan 2019 19:38

Instrument :

BNA_E

ClientSampleId :

RD-5-PZ-1

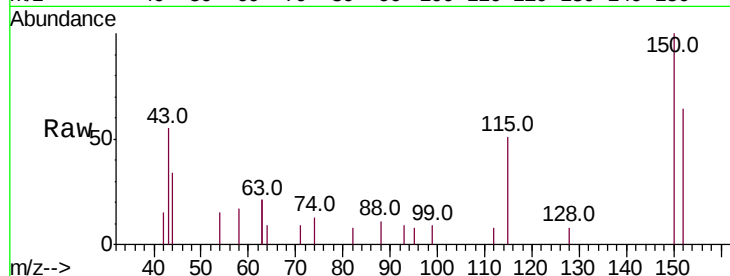
Tot Ion:152 Resp: 746

Ion Ratio Lower Upper

152 100

150 157.0 121.4 182.2

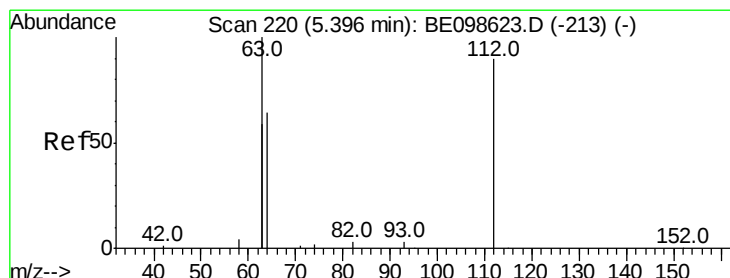
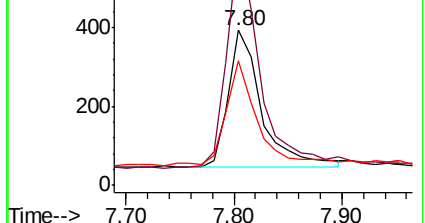
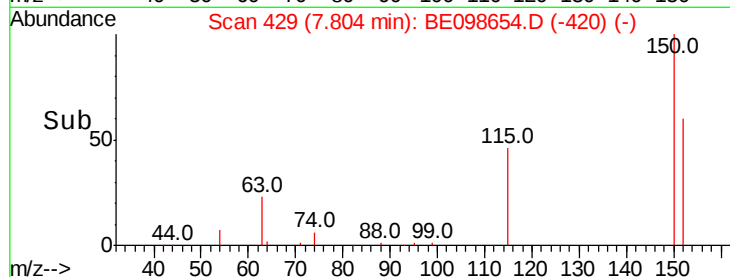
115 80.7 59.1 88.7



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: 0.159 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.01 min

Lab File: BE098654.D

Acq: 17 Jan 2019 19:38

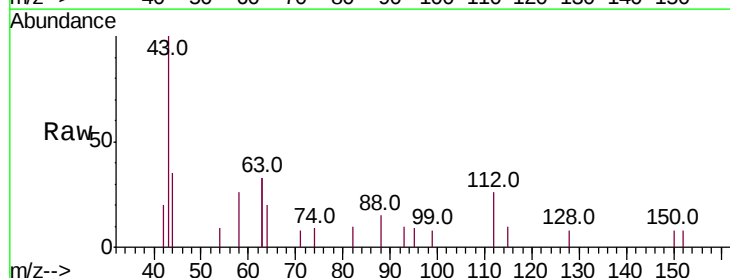
Tgt Ion:112 Resp: 317

Ion Ratio Lower Upper

112 100

64 84.9 62.9 94.3

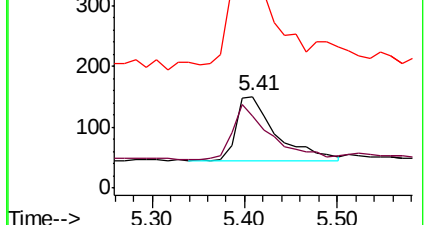
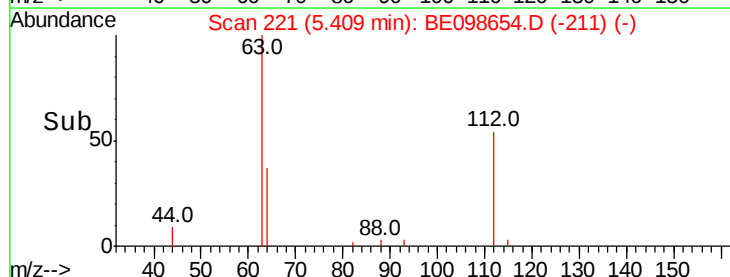
63 207.9 152.2 228.4

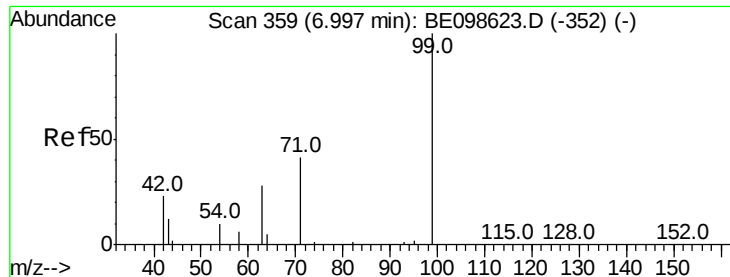


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.113 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.00 min

Lab File: BE098654.D

Acq: 17 Jan 2019 19:38

Instrument :

BNA_E

ClientSampleId :

RD-5-PZ-1

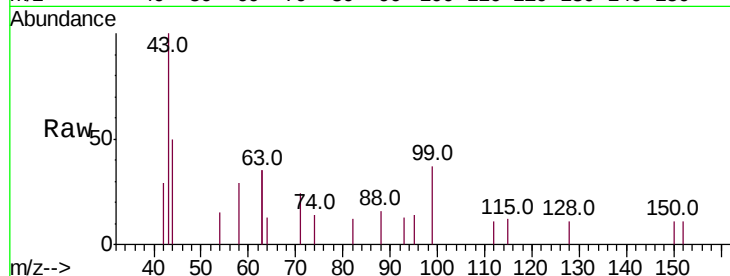
Tot Ion: 99 Resp: 321

Ion Ratio Lower Upper

99 100

42 31.2 24.6 37.0

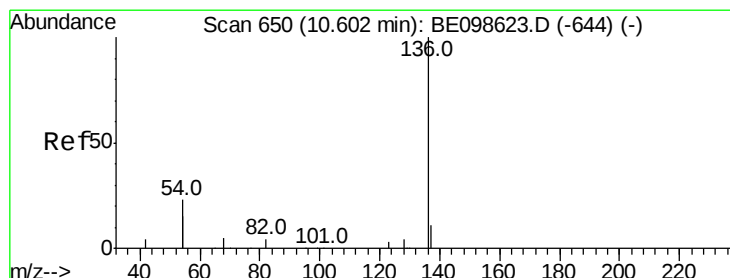
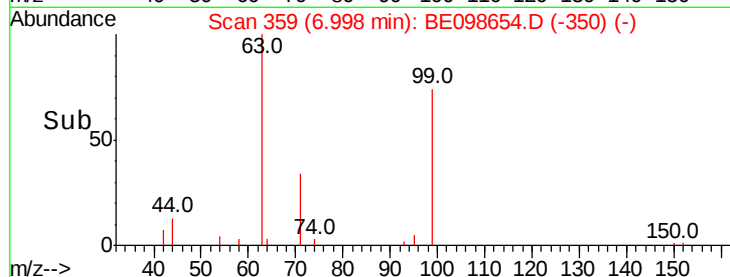
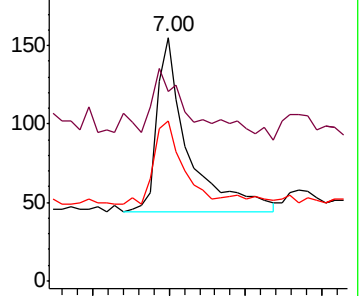
71 43.6 35.1 52.7



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: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE098654.D

Acq: 17 Jan 2019 19:38

Tgt Ion:136 Resp: 3299

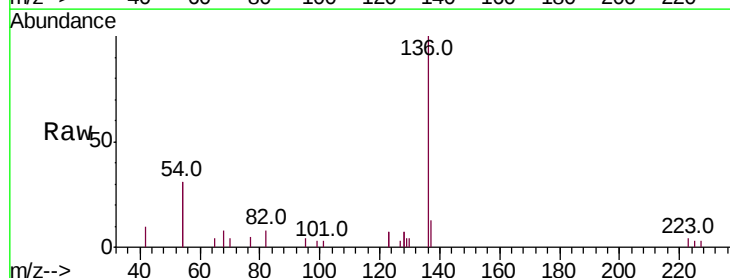
Ion Ratio Lower Upper

136 100

137 13.4 9.7 14.5

54 62.5 35.5 53.3#

68 8.4 5.0 7.6#

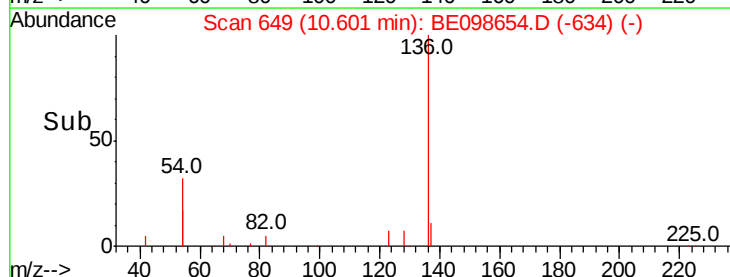
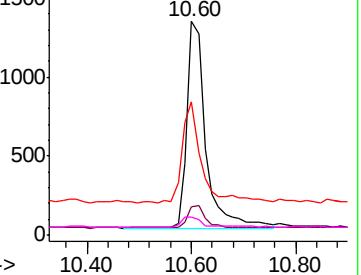


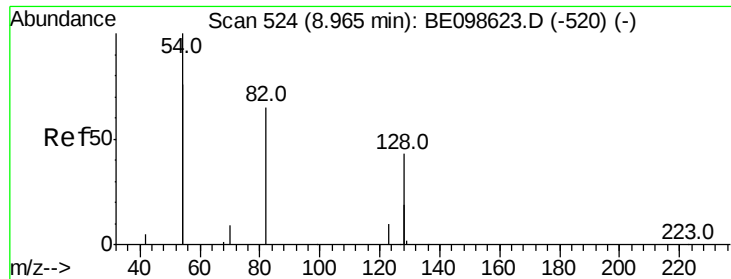
Abundance Ion 136.00 (135.70 to 136.70): E

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

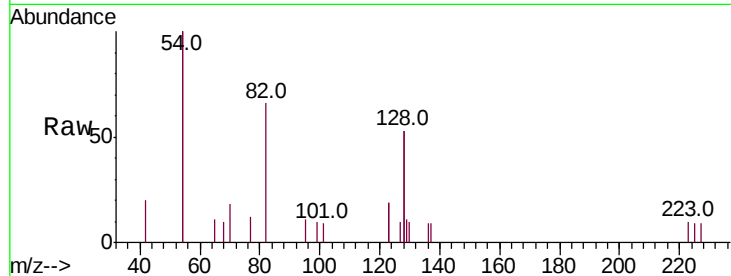




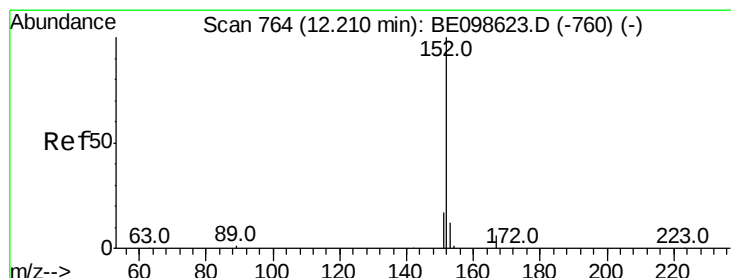
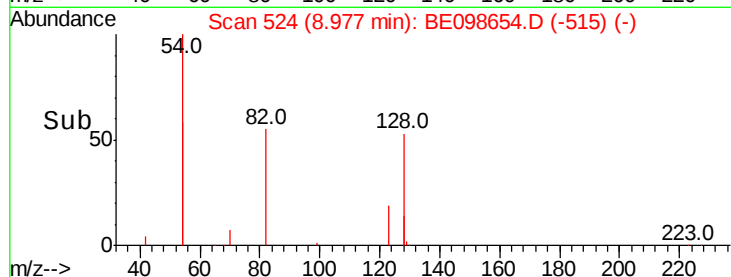
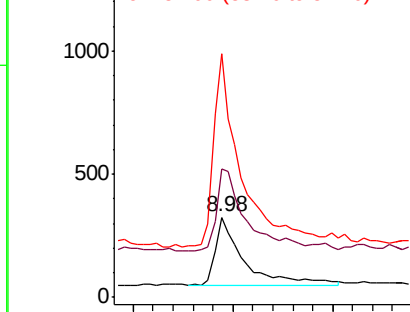
#8
 Nitrobenzene-d5
 Concen: 0.412 ng
 RT: 8.98 min Scan# 524
 Delta R.T. 0.01 min
 Lab File: BE098654.D
 Acq: 17 Jan 2019 19:38

Instrument :
 BNA_E
 ClientSampleId :
 RD-5-PZ-1

Tot Ion: 82 Resp: 1077
 Ion Ratio Lower Upper
 82 100
 128 161.1 96.5 144.7#
 54 304.9 224.7 337.1

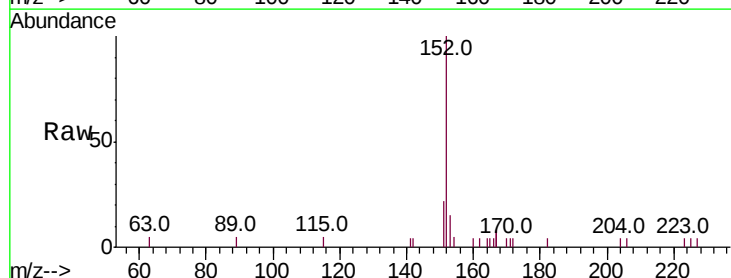


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BE0

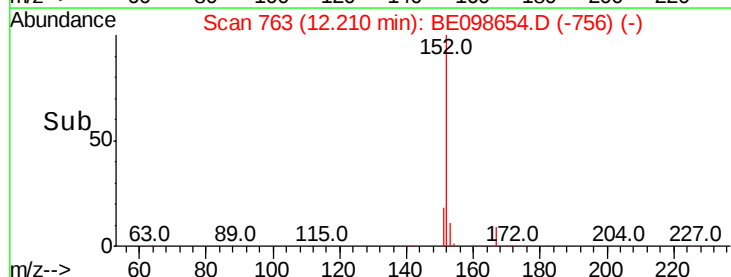
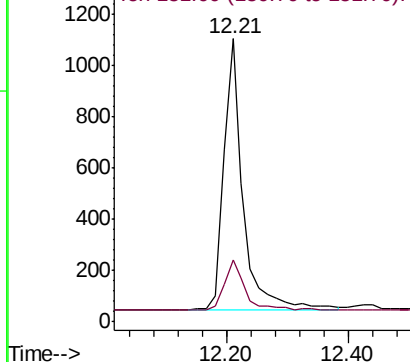


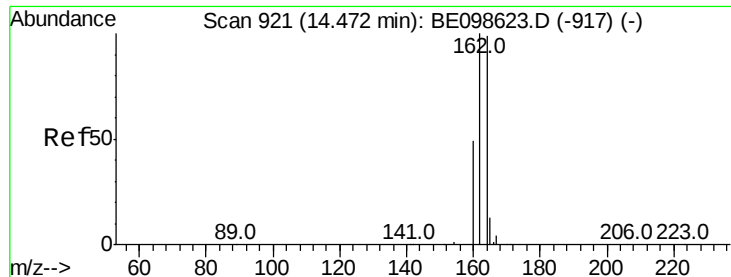
#11
 2-Methylnaphthalene-d10
 Concen: 0.438 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BE098654.D
 Acq: 17 Jan 2019 19:38

Tgt Ion: 152 Resp: 2375
 Ion Ratio Lower Upper
 152 100
 151 19.4 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E

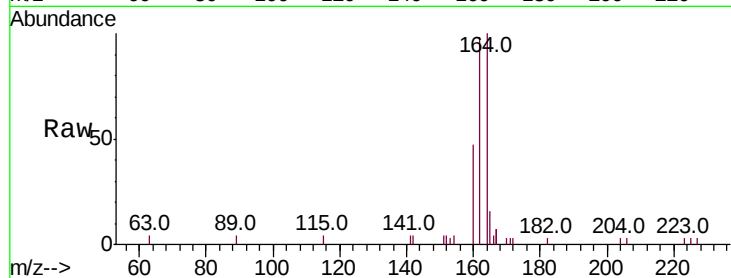




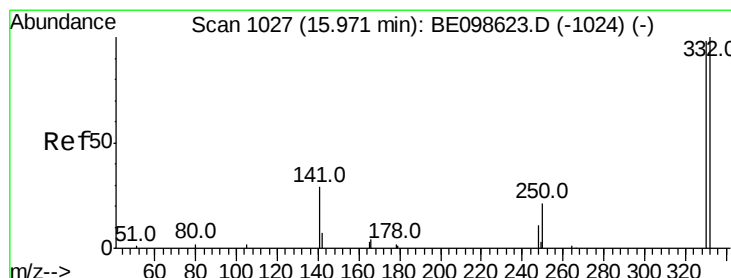
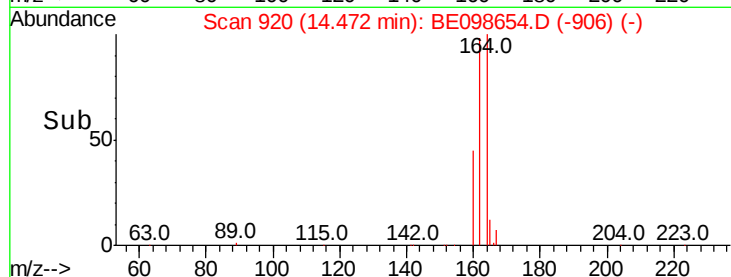
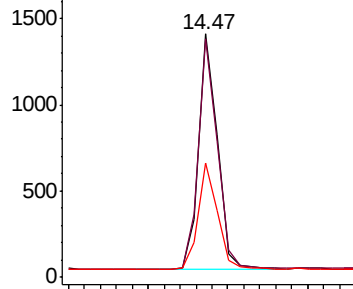
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE098654.D
Acq: 17 Jan 2019 19:38

Instrument :
BNA_E
ClientSampleId :
RD-5-PZ-1

Tot Ion:164 Resp: 2255
Ion Ratio Lower Upper
164 100
162 97.8 80.5 120.7
160 46.9 40.1 60.1

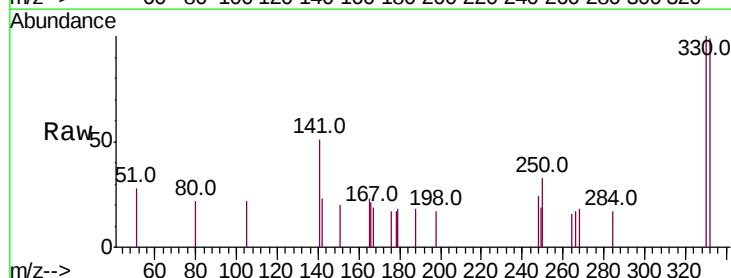


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

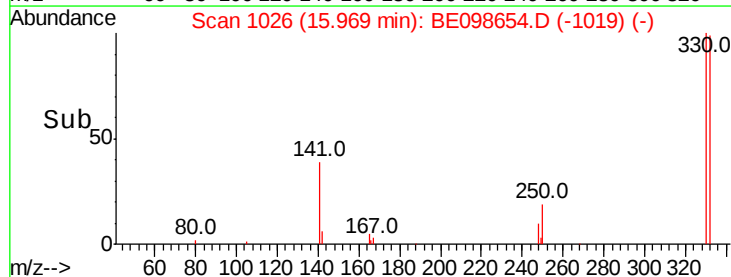
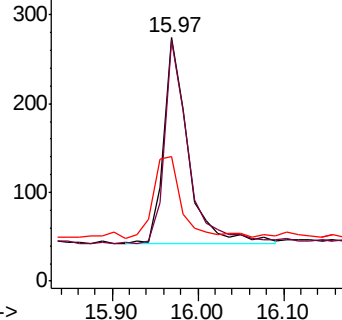


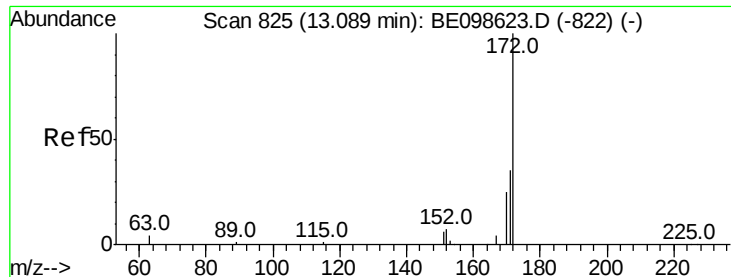
#14
2,4,6-Tribromophenol
Concen: 0.456 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098654.D
Acq: 17 Jan 2019 19:38

Tgt Ion:330 Resp: 447
Ion Ratio Lower Upper
330 100
332 99.8 73.3 109.9
141 49.2 33.1 49.7



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

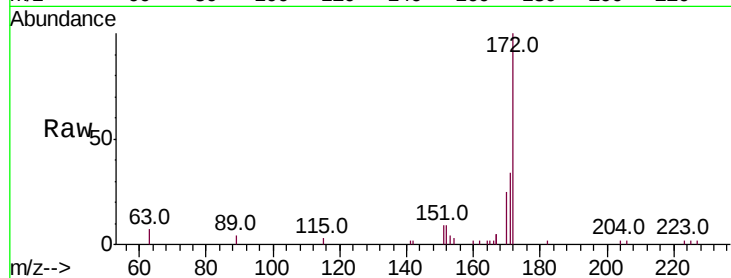




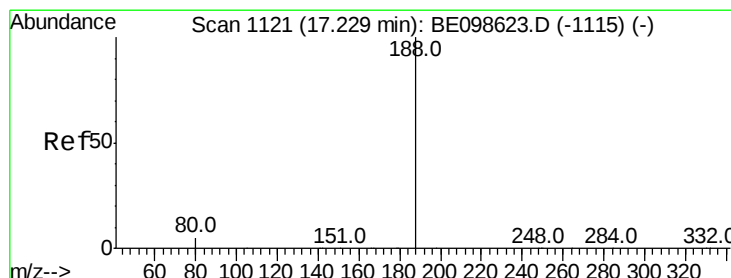
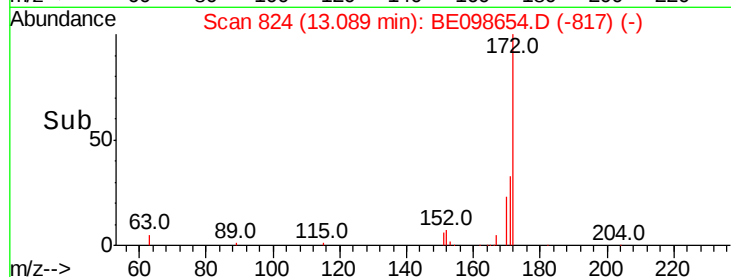
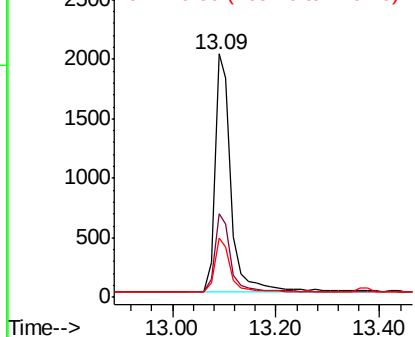
#15
2-Fluorobiphenyl
Concen: 0.478 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098654.D
Acq: 17 Jan 2019 19:38

Instrument :
BNA_E
ClientSampled :
RD-5-PZ-1

Tot Ion:172 Resp: 4417
Ion Ratio Lower Upper
172 100
171 34.3 29.0 43.4
170 24.5 20.8 31.2

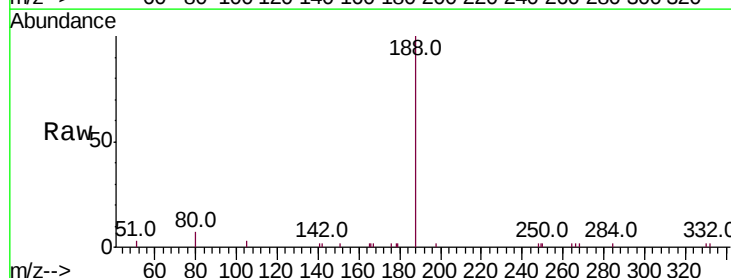


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

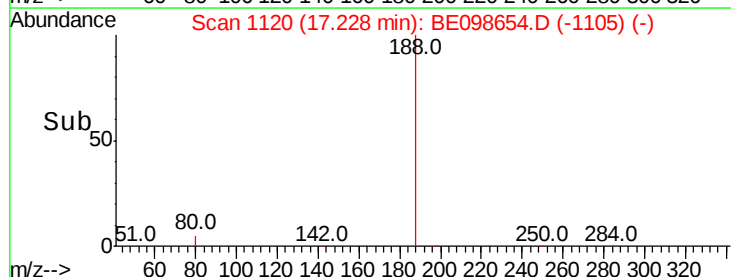
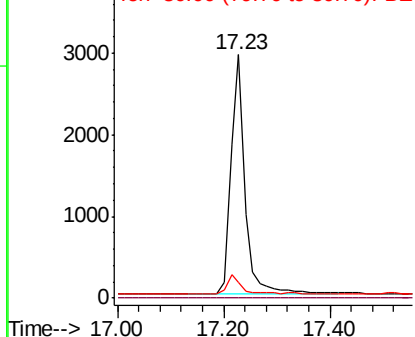


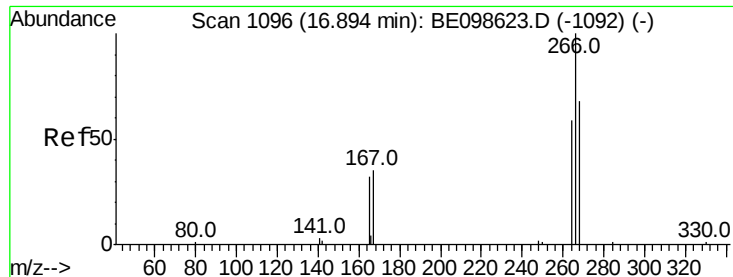
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE098654.D
Acq: 17 Jan 2019 19:38

Tgt Ion:188 Resp: 5434
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.6 4.7 7.1



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





#22

Pentachlorophenol

Concen: 0.267 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BE098654.D

Acq: 17 Jan 2019 19:38

Instrument :

BNA_E

ClientSampleId :

RD-5-PZ-1

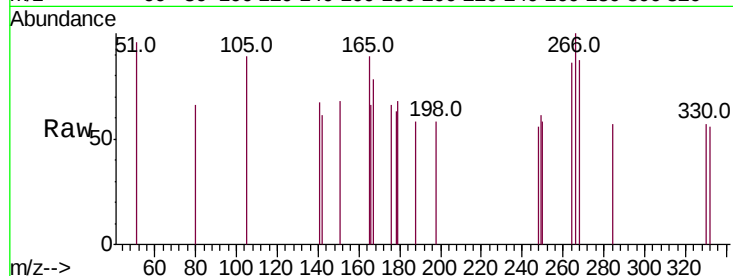
Tot Ion:266 Resp: 91

Ion Ratio Lower Upper

266 100

264 86.1 53.7 80.5#

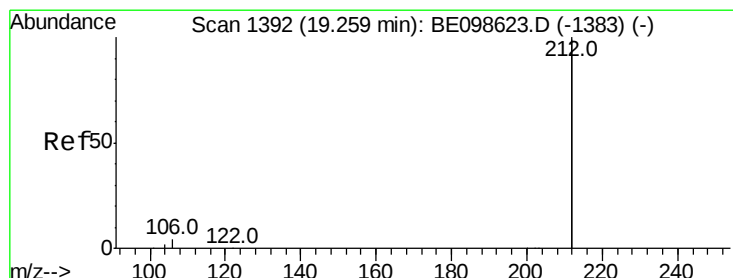
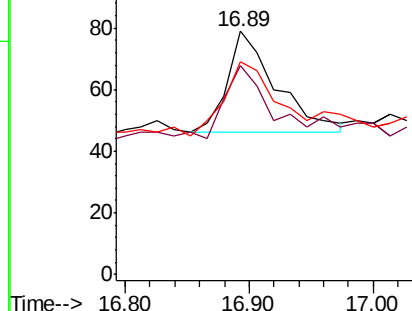
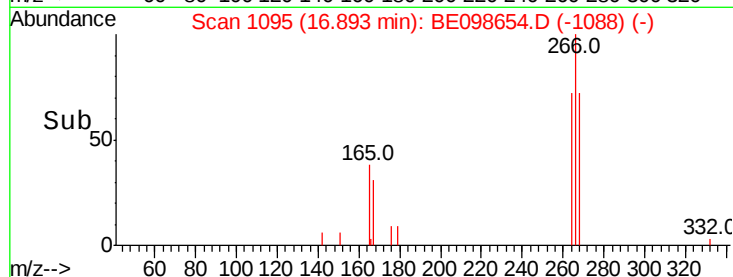
268 87.3 59.8 89.8



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: 0.467 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BE098654.D

Acq: 17 Jan 2019 19:38

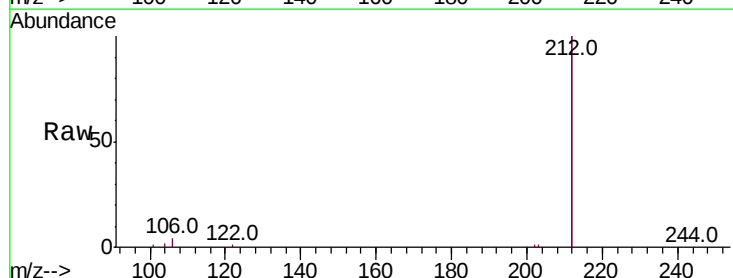
Tgt Ion:212 Resp: 31427

Ion Ratio Lower Upper

212 100

106 1.8 1.7 2.5

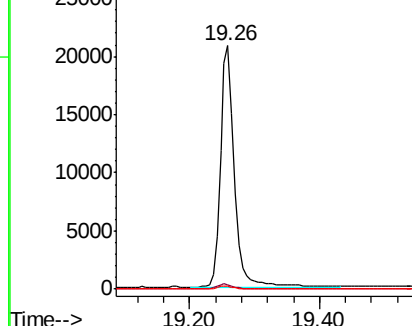
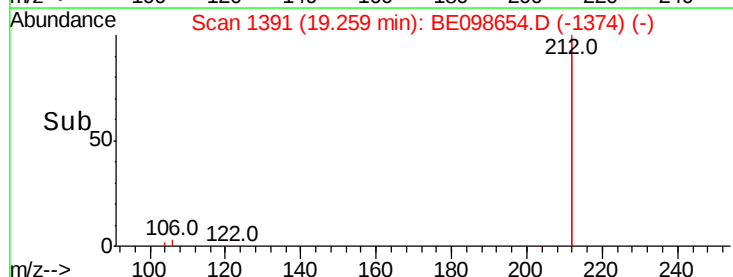
104 1.1 1.0 1.6

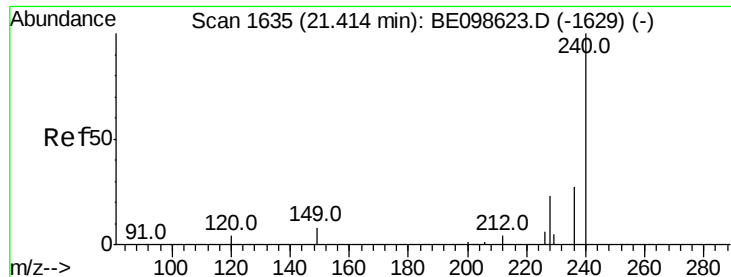


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

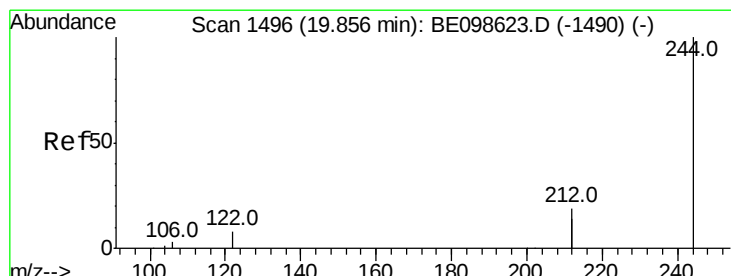
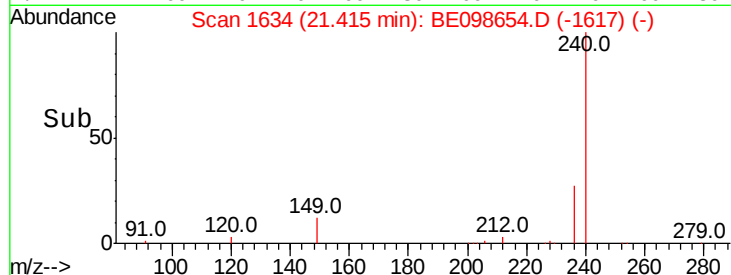
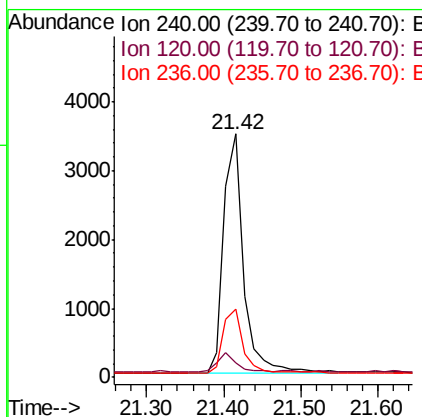
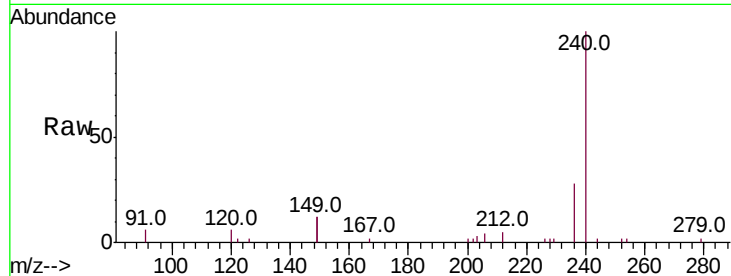




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.42 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: BE098654.D
 Acq: 17 Jan 2019 19:38

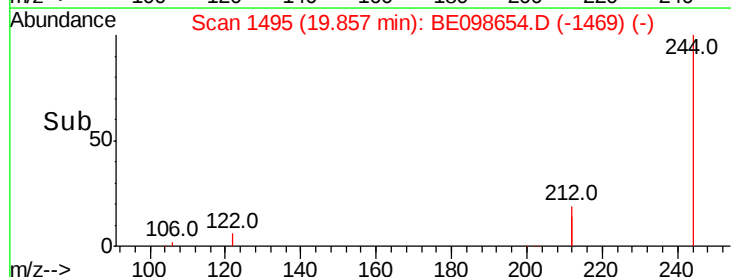
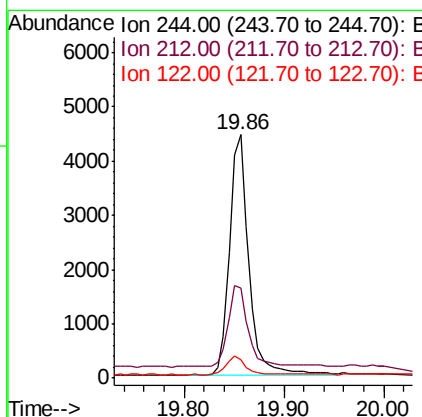
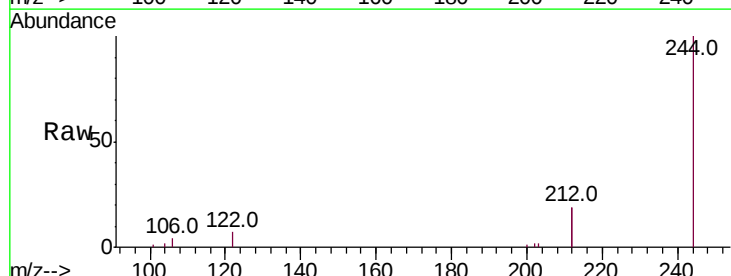
Instrument :
 BNA_E
 ClientSampleId :
 RD-5-PZ-1

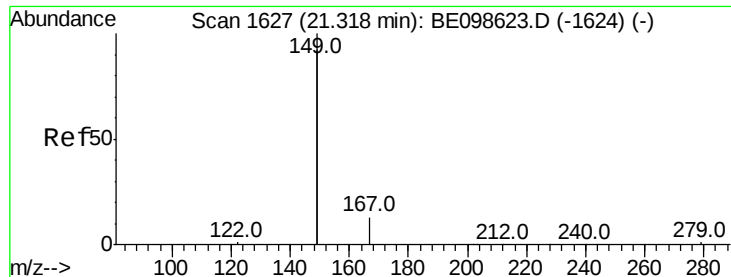
Tot Ion:240 Resp: 6291
 Ion Ratio Lower Upper
 240 100
 120 5.7 4.7 7.1
 236 28.0 21.9 32.9



#29
 Terphenyl-d14
 Concen: 0.433 ng
 RT: 19.86 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BE098654.D
 Acq: 17 Jan 2019 19:38

Tgt Ion:244 Resp: 6025
 Ion Ratio Lower Upper
 244 100
 212 37.2 29.4 44.2
 122 7.4 7.1 10.7





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.126 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE098654.D

Acq: 17 Jan 2019 19:38

Instrument :

BNA_E

ClientSampleId :

RD-5-PZ-1

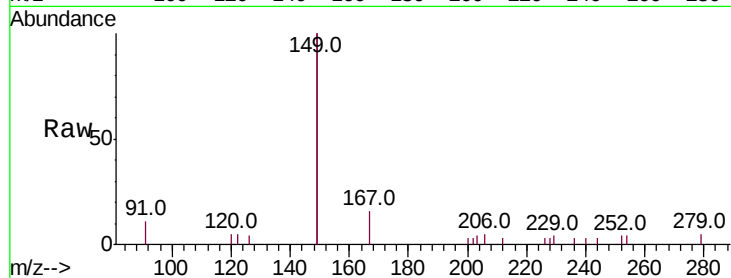
Tot Ion:149 Resp: 4506

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.2

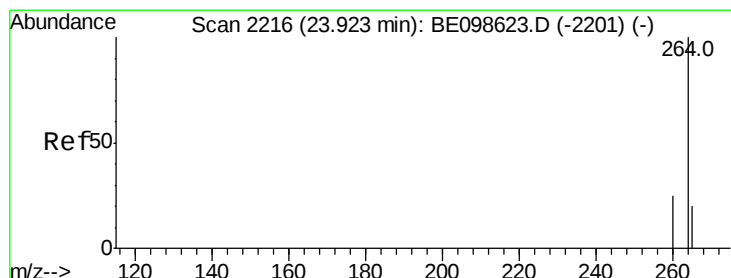
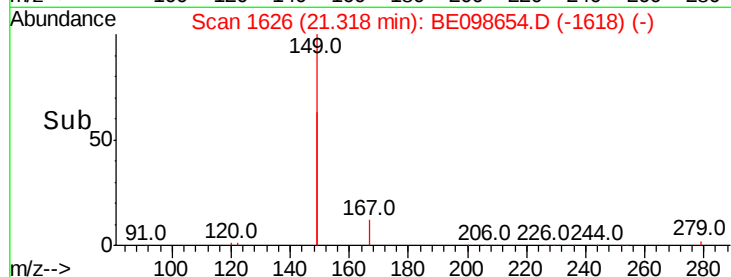
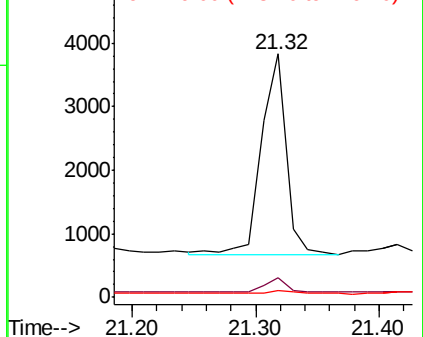
279 2.6 1.0 1.4#



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: 23.92 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BE098654.D

Acq: 17 Jan 2019 19:38

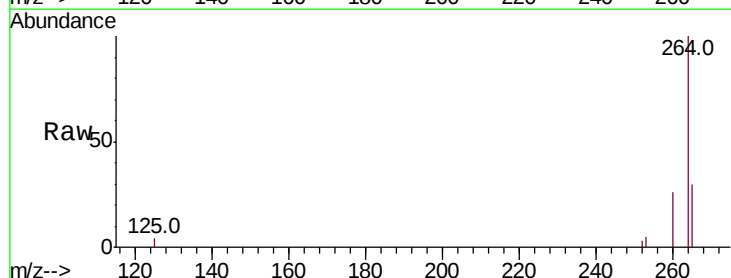
Tgt Ion:264 Resp: 6250

Ion Ratio Lower Upper

264 100

260 25.6 20.5 30.7

265 29.7 22.3 33.5



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

