

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE012419\
 Data File : BE098684.D
 Acq On : 24 Jan 2019 17:59
 Operator : SJ/JU
 Sample : K1174-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RD-4

Quant Time: Jan 25 00:10:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE012419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 24 14:44:44 2019
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

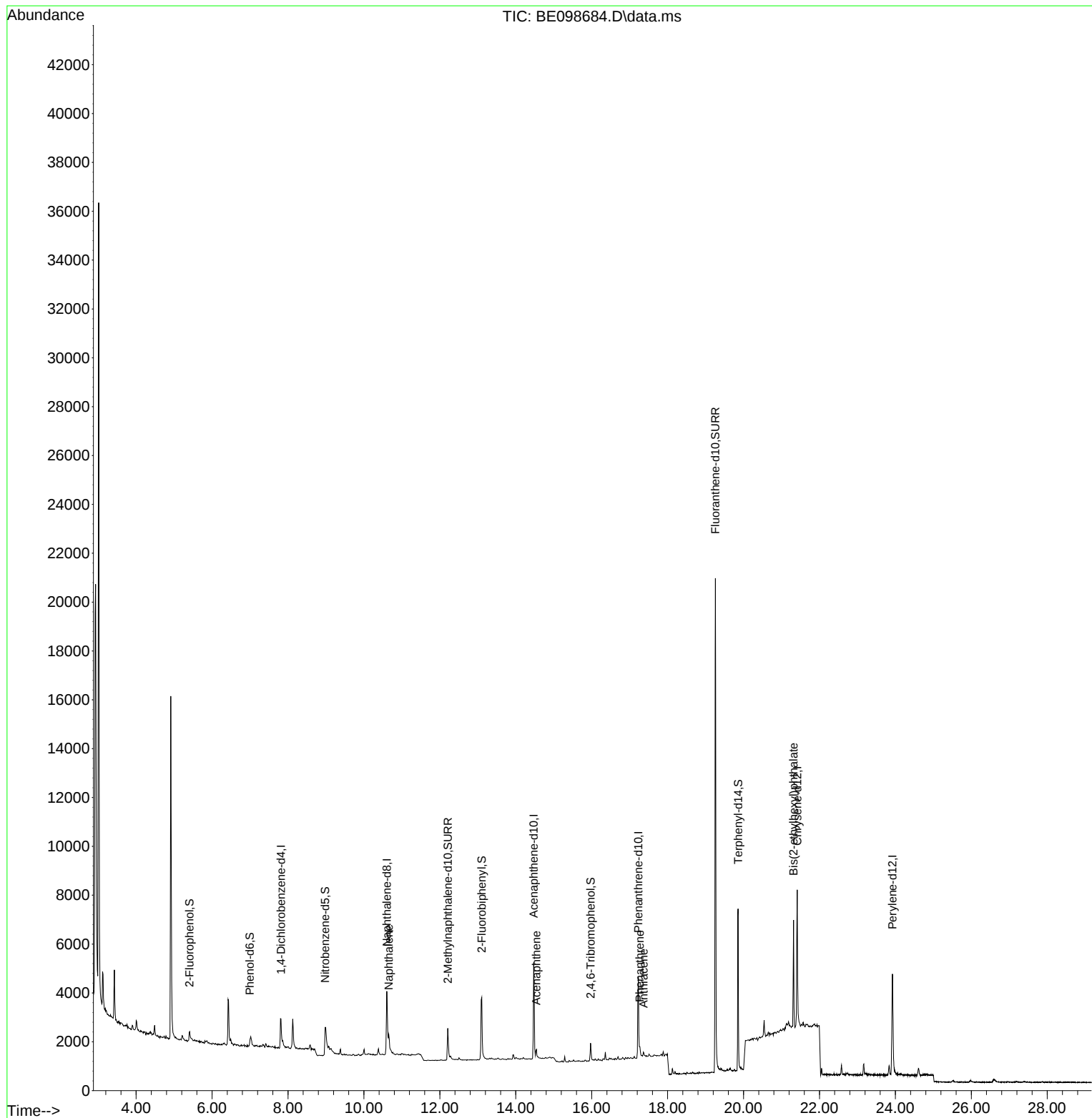
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.815	152	786	0.40	ng	0.00
7) Naphthalene-d8	10.602	136	3720	0.40	ng	# 0.00
13) Acenaphthene-d10	14.472	164	2469	0.40	ng	0.00
19) Phenanthrene-d10	17.229	188	5880	0.40	ng	# 0.00
27) Chrysene-d12	21.414	240	6640	0.40	ng	0.00
34) Perylene-d12	23.920	264	6557	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.408	112	324	0.14	ng	0.00
5) Phenol-d6	6.997	99	311	0.09	ng	0.00
8) Nitrobenzene-d5	8.979	82	927	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.210	152	2166	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.971	330	511	0.47	ng	-0.01
15) 2-Fluorobiphenyl	13.103	172	3527	0.33	ng	0.00
25) Fluoranthene-d10	19.258	212	28045	0.33	ng	0.00
29) Terphenyl-d14	19.856	244	6327	0.38	ng	0.00
Target Compounds						
9) Naphthalene	10.654	128	1255	0.03	ng	# 83
17) Acenaphthene	14.544	154	190	0.03	ng	96
23) Phenanthrene	17.269	178	417	0.03	ng	# 82
24) Anthracene	17.363	178	316	0.09	ng	# 88
32) Bis(2-ethylhexyl)phtha...	21.317	149	4813	0.13	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 : Thu Jan 24 14:44:44 2019
Response via : Initial Calibration

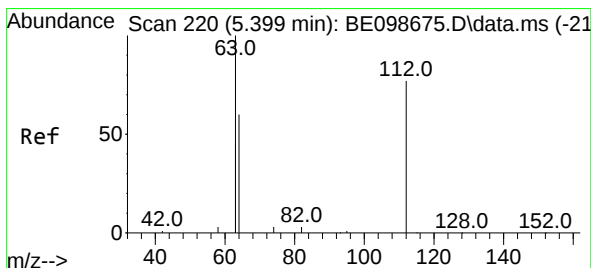
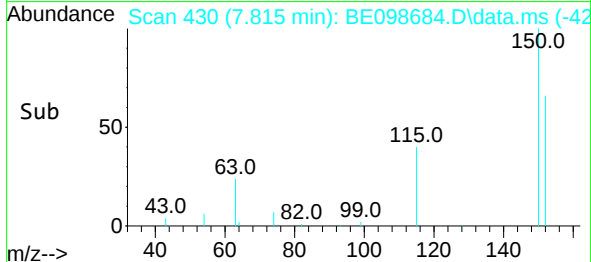
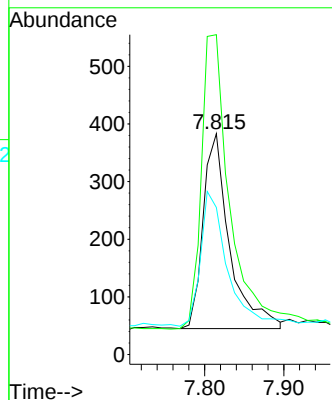
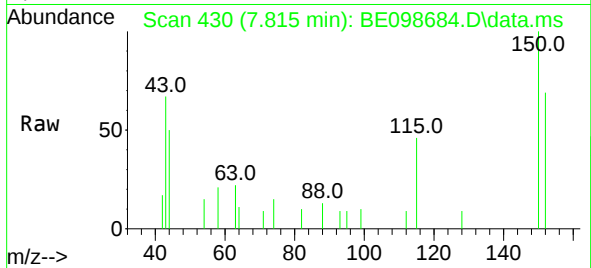




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.815 min Scan# 430
Delta R.T. 0.008 min
Lab File: BE098684.D
Acq: 24 Jan 2019 17:59

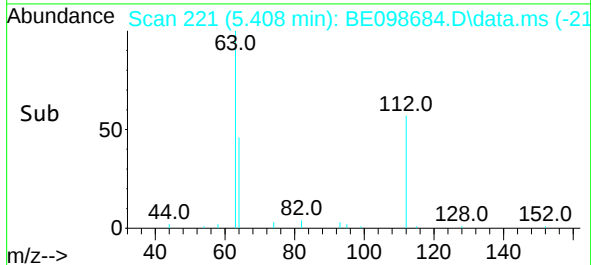
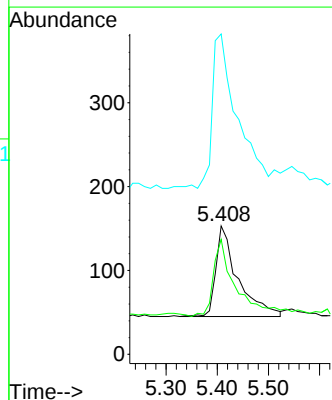
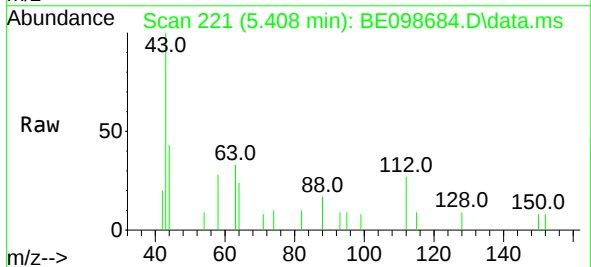
Instrument :
BNA_E
ClientSampled :
RD-4

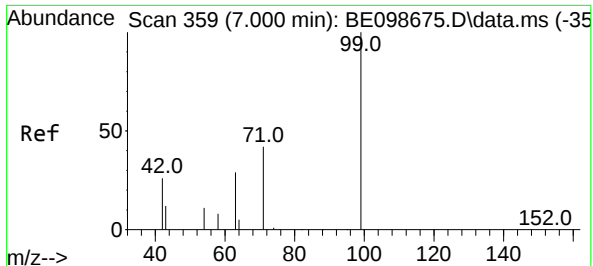
Tgt Ion:152 Resp: 786
Ion Ratio Lower Upper
152 100
150 144.9 121.4 182.2
115 66.6 59.1 88.7



#4
2-Fluorophenol
Concen: 0.14 ng
RT: 5.408 min Scan# 221
Delta R.T. 0.009 min
Lab File: BE098684.D
Acq: 24 Jan 2019 17:59

Tgt Ion:112 Resp: 324
Ion Ratio Lower Upper
112 100
64 92.6 62.9 94.3
63 186.4 152.2 228.4

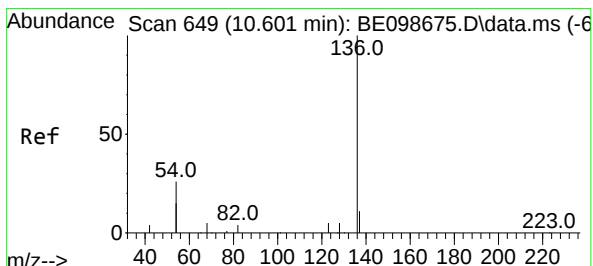
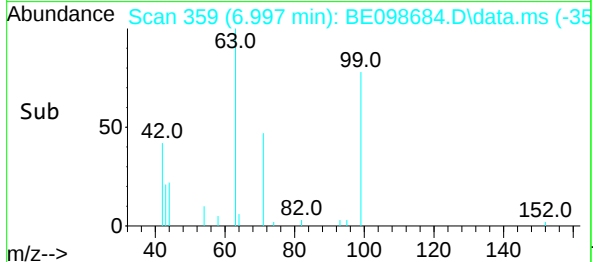
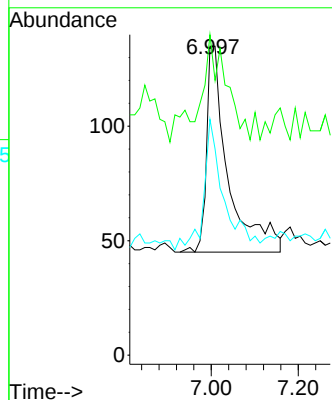
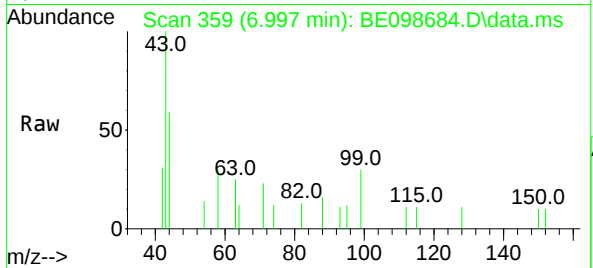




#5
Phenol-d6
Concen: 0.09 ng
RT: 6.997 min Scan# 359
Delta R.T. -0.003 min
Lab File: BE098684.D
Acq: 24 Jan 2019 17:59

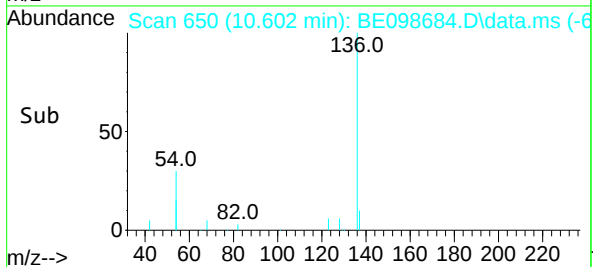
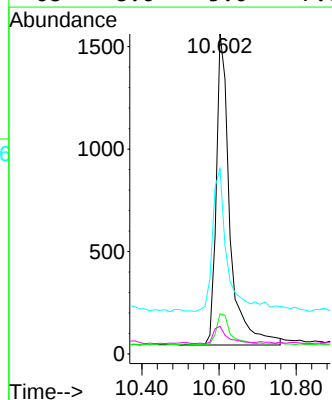
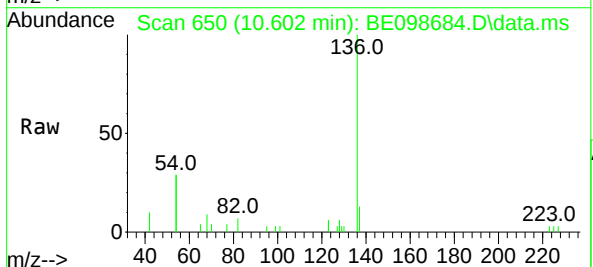
Instrument :
BNA_E
ClientSampled :
RD-4

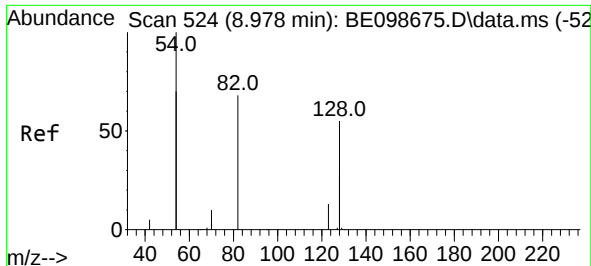
Tgt Ion: 99 Resp: 311
Ion Ratio Lower Upper
99 100
42 50.8 24.6 37.0#
71 49.8 35.1 52.7



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.602 min Scan# 650
Delta R.T. 0.001 min
Lab File: BE098684.D
Acq: 24 Jan 2019 17:59

Tgt Ion: 136 Resp: 3720
Ion Ratio Lower Upper
136 100
137 12.5 9.7 14.5
54 57.9 35.5 53.3#
68 8.6 5.0 7.6#

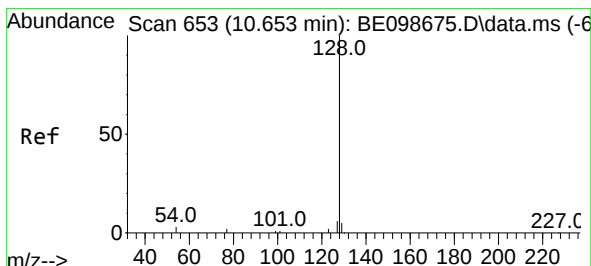
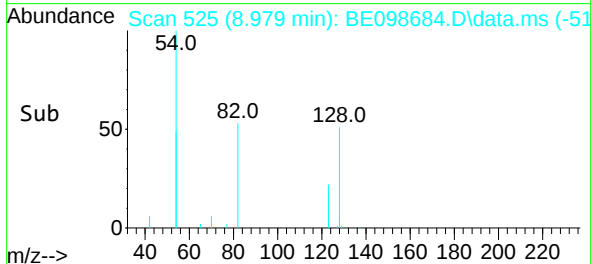
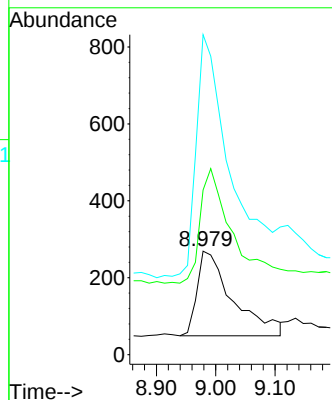
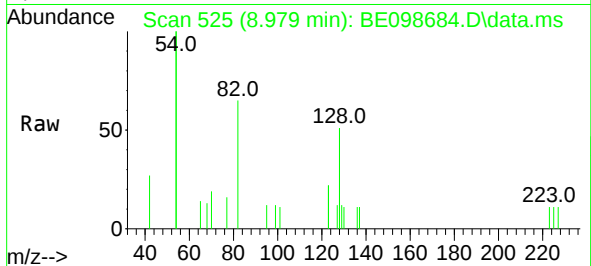




#8
Nitrobenzene-d5
Concen: 0.28 ng
RT: 8.979 min Scan# 525
Delta R.T. 0.001 min
Lab File: BE098684.D
Acq: 24 Jan 2019 17:59

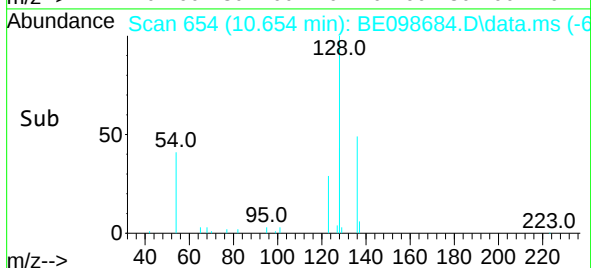
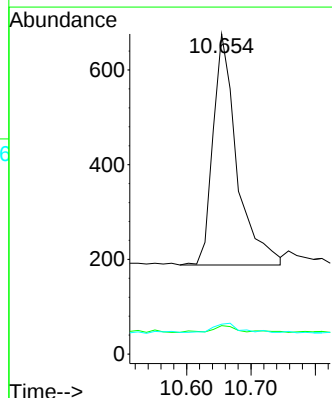
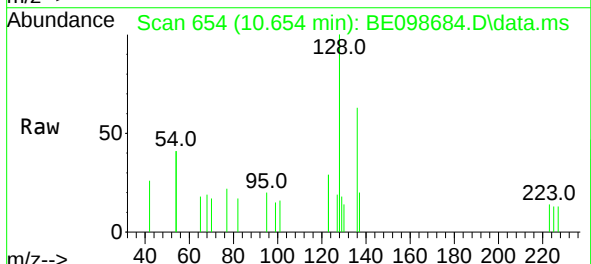
Instrument :
BNA_E
ClientSampled :
RD-4

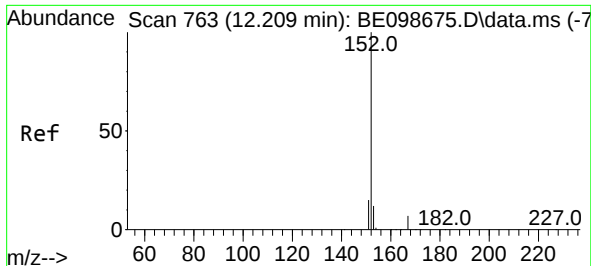
Tgt Ion: 82 Resp: 927
Ion Ratio Lower Upper
82 100
128 159.1 96.5 144.7#
54 309.3 224.7 337.1



#9
Naphthalene
Concen: 0.03 ng
RT: 10.654 min Scan# 654
Delta R.T. 0.001 min
Lab File: BE098684.D
Acq: 24 Jan 2019 17:59

Tgt Ion: 128 Resp: 1255
Ion Ratio Lower Upper
128 100
129 8.9 2.6 3.8#
127 9.3 3.0 4.6#

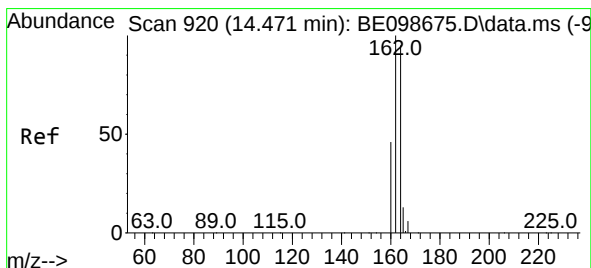
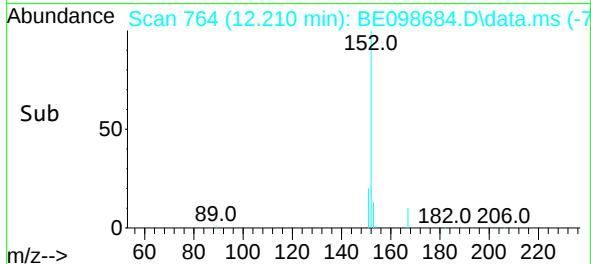
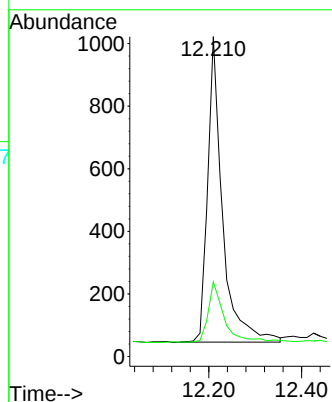
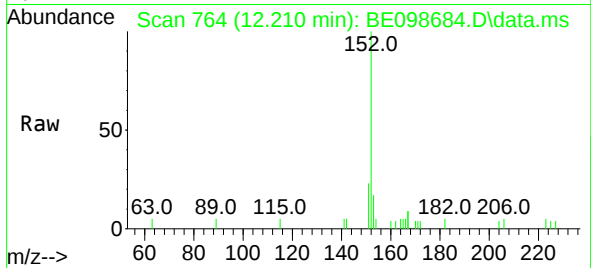




#11
2-Methylnaphthalene-d10
Concen: 0.30 ng
RT: 12.210 min Scan# 764
Delta R.T. 0.001 min
Lab File: BE098684.D
Acq: 24 Jan 2019 17:59

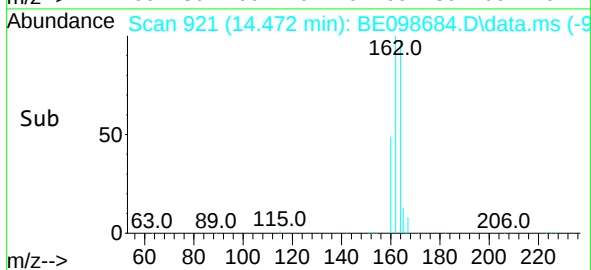
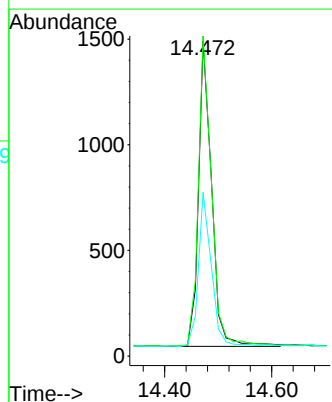
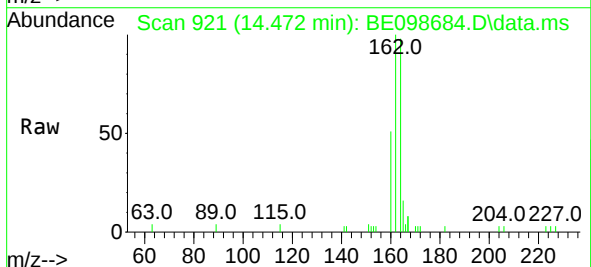
Instrument :
BNA_E
ClientSampled :
RD-4

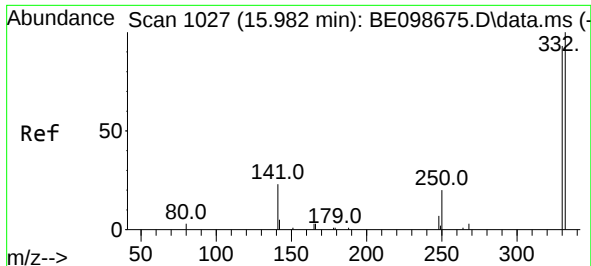
Tgt Ion:152 Resp: 2166
Ion Ratio Lower Upper
152 100
151 21.7 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.472 min Scan# 921
Delta R.T. 0.001 min
Lab File: BE098684.D
Acq: 24 Jan 2019 17:59

Tgt Ion:164 Resp: 2469
Ion Ratio Lower Upper
164 100
162 101.5 80.5 120.7
160 51.9 40.1 60.1

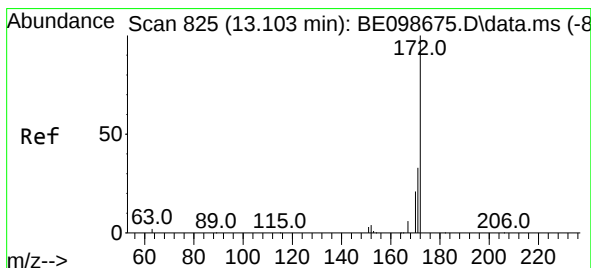
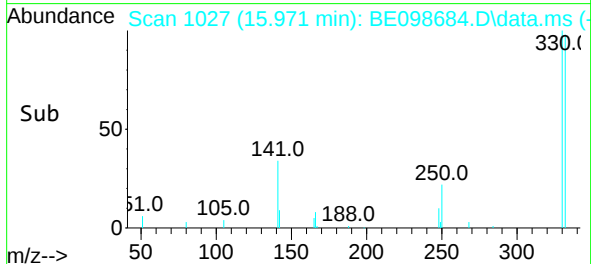
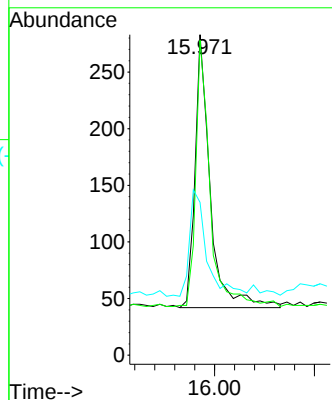
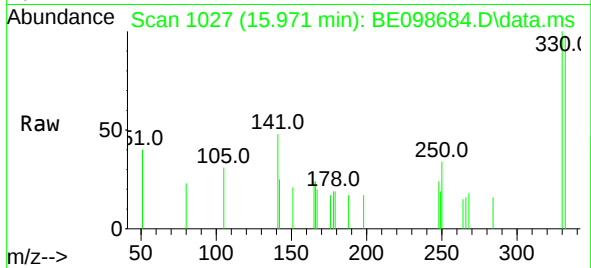




#14
2,4,6-Tribromophenol
Concen: 0.47 ng
RT: 15.971 min Scan# 1027
Delta R.T. -0.011 min
Lab File: BE098684.D
Acq: 24 Jan 2019 17:59

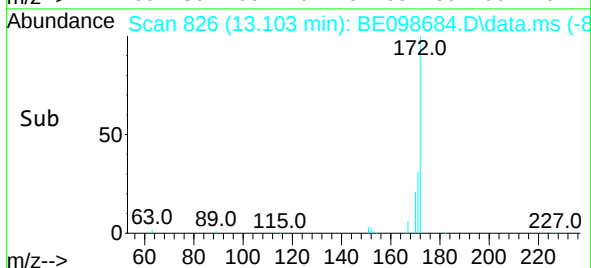
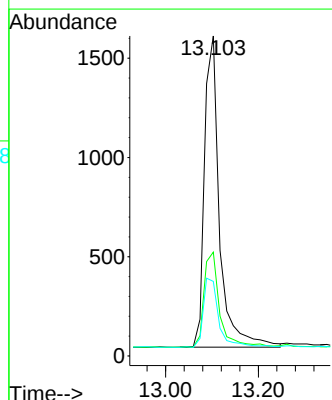
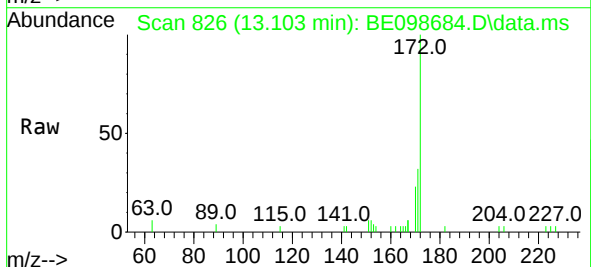
Instrument :
BNA_E
ClientSampled :
RD-4

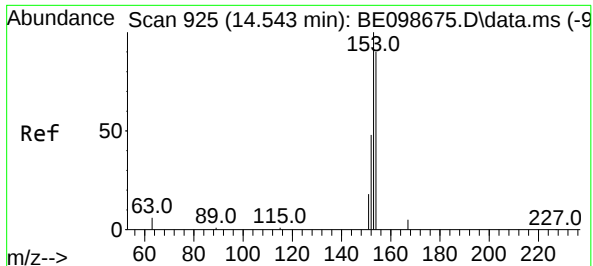
Tgt Ion: 330 Resp: 511
Ion Ratio Lower Upper
330 100
332 91.6 73.3 109.9
141 43.8 33.1 49.7



#15
2-Fluorobiphenyl
Concen: 0.33 ng
RT: 13.103 min Scan# 826
Delta R.T. -0.000 min
Lab File: BE098684.D
Acq: 24 Jan 2019 17:59

Tgt Ion: 172 Resp: 3527
Ion Ratio Lower Upper
172 100
171 32.4 29.0 43.4
170 23.3 20.8 31.2

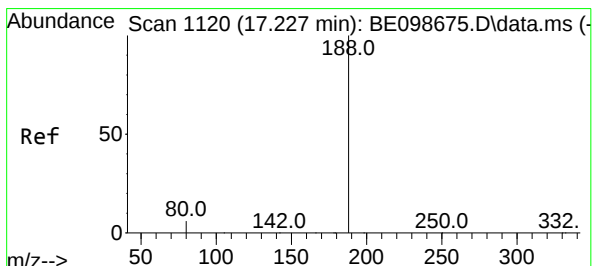
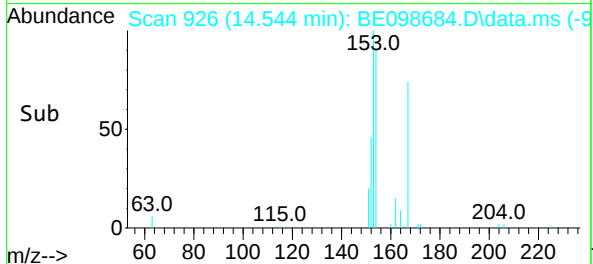
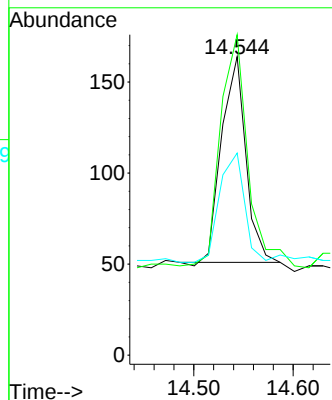
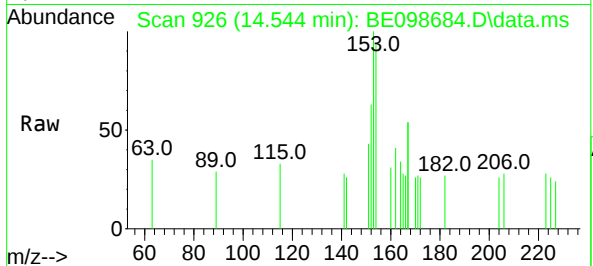




#17
Acenaphthene
Concen: 0.03 ng
RT: 14.544 min Scan# 926
Delta R.T. 0.001 min
Lab File: BE098684.D
Acq: 24 Jan 2019 17:59

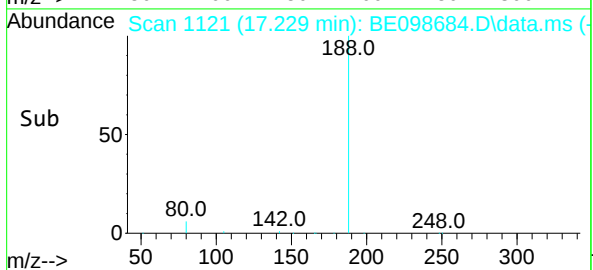
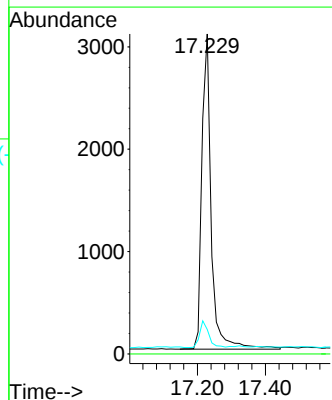
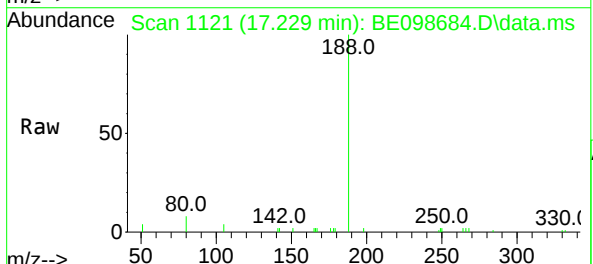
Instrument :
BNA_E
ClientSampled :
RD-4

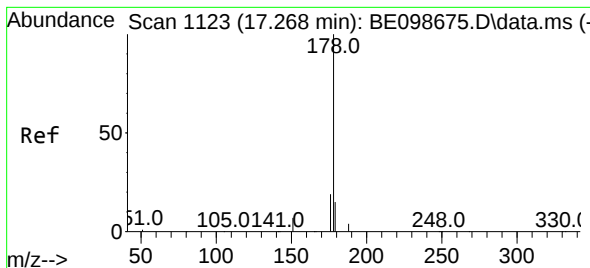
Tgt Ion:	154	Resp:	190
Ion Ratio	Lower	Upper	
154	100		
153	122.6	93.9	140.9
152	55.3	45.8	68.8



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.229 min Scan# 1121
Delta R.T. 0.002 min
Lab File: BE098684.D
Acq: 24 Jan 2019 17:59

Tgt Ion:	188	Resp:	5880
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	7.6	4.7	7.1#

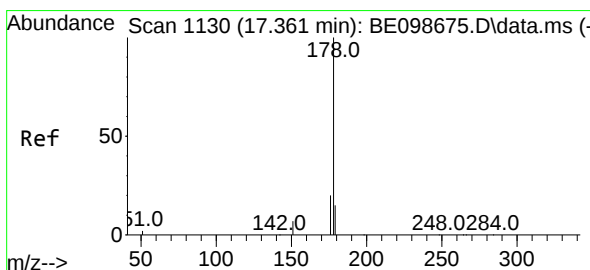
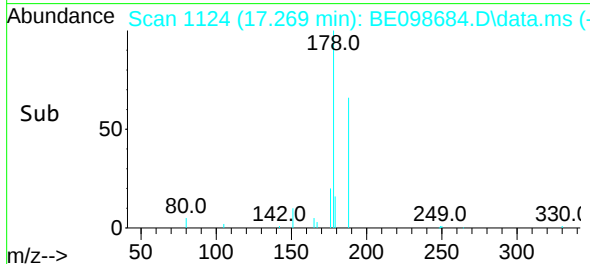
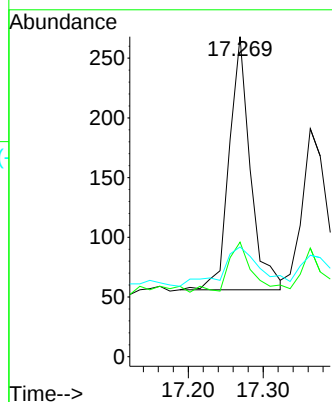
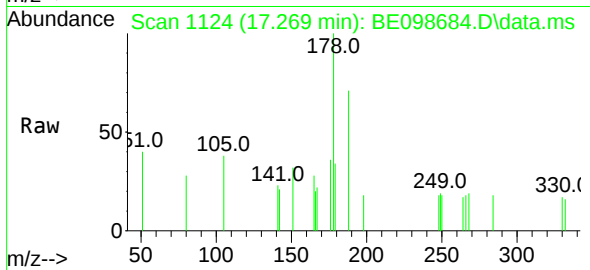




#23
Phenanthrene
Concen: 0.03 ng
RT: 17.269 min Scan# 1124
Delta R.T. 0.001 min
Lab File: BE098684.D
Acq: 24 Jan 2019 17:59

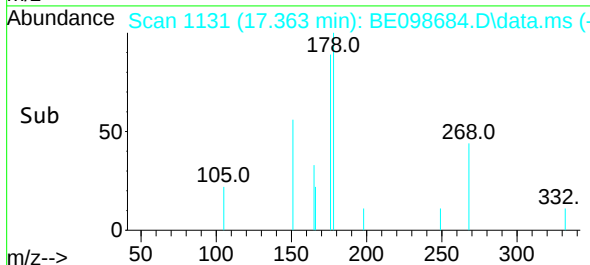
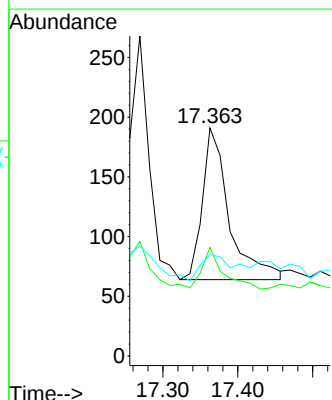
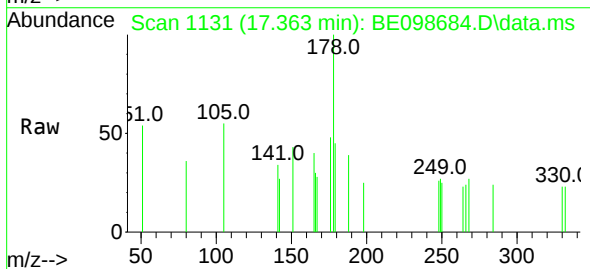
Instrument :
BNA_E
ClientSampleId :
RD-4

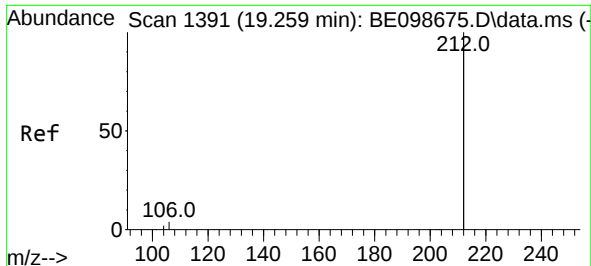
Tgt Ion:178 Resp: 417
Ion Ratio Lower Upper
178 100
176 23.7 15.9 23.9
179 27.8 12.2 18.4#



#24
Anthracene
Concen: 0.09 ng
RT: 17.363 min Scan# 1131
Delta R.T. 0.002 min
Lab File: BE098684.D
Acq: 24 Jan 2019 17:59

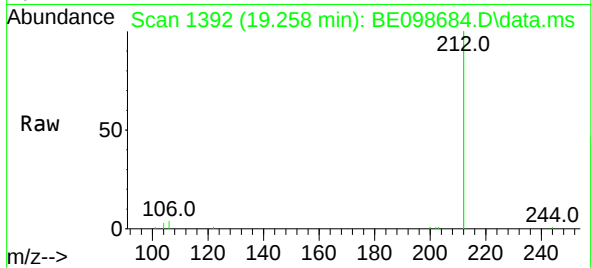
Tgt Ion:178 Resp: 316
Ion Ratio Lower Upper
178 100
176 21.2 14.9 22.3
179 23.1 11.8 17.8#



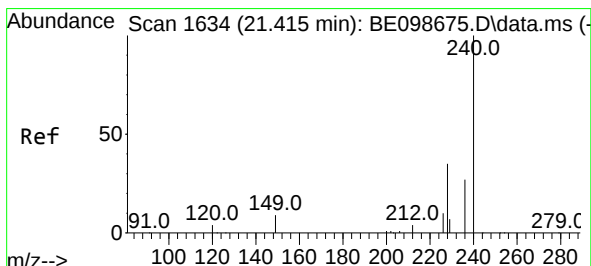
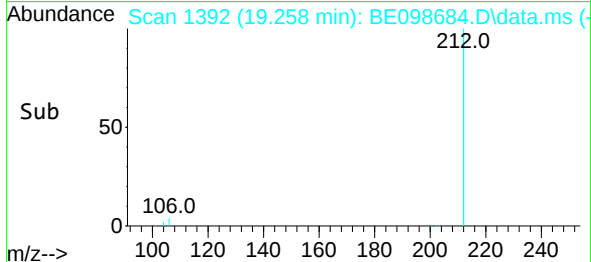
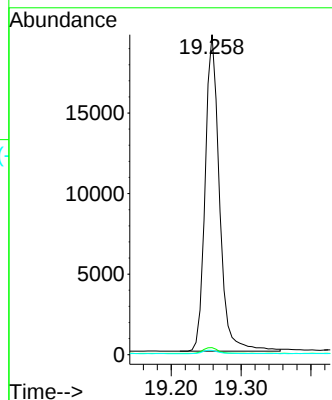


#25
Fluoranthene-d10
Concen: 0.33 ng
RT: 19.258 min Scan# 1392
Delta R.T. -0.001 min
Lab File: BE098684.D
Acq: 24 Jan 2019 17:59

Instrument :
BNA_E
ClientSampled :
RD-4

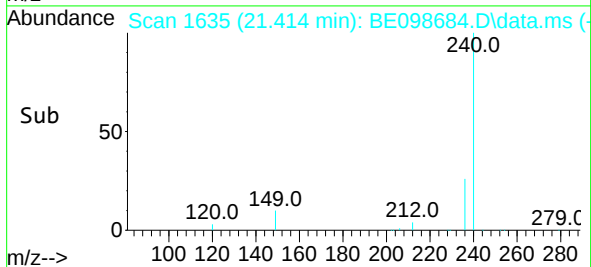
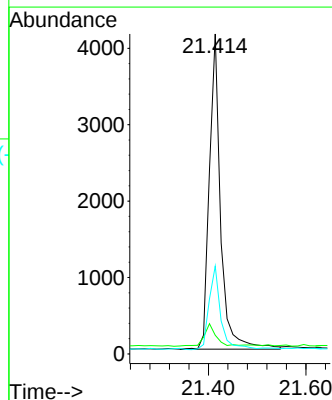
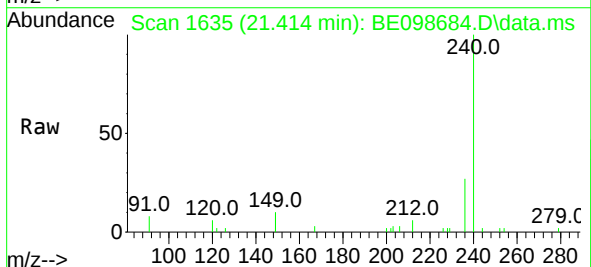


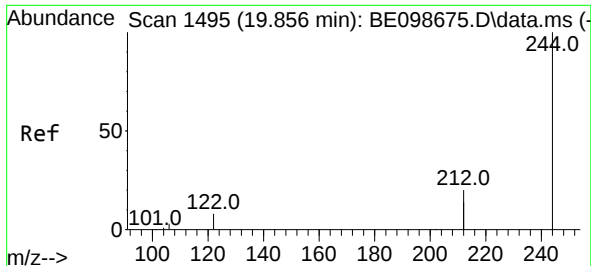
Tgt Ion:212 Resp: 28045
Ion Ratio Lower Upper
212 100
106 2.0 1.7 2.5
104 1.4 1.0 1.6



#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.414 min Scan# 1635
Delta R.T. -0.001 min
Lab File: BE098684.D
Acq: 24 Jan 2019 17:59

Tgt Ion:240 Resp: 6640
Ion Ratio Lower Upper
240 100
120 5.8 4.7 7.1
236 27.5 21.9 32.9

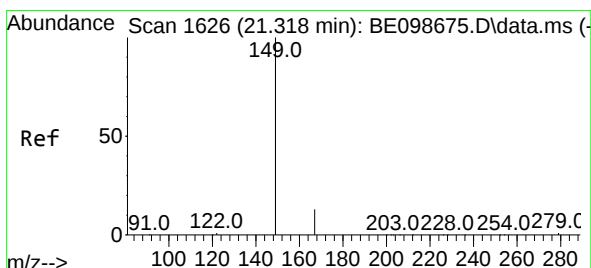
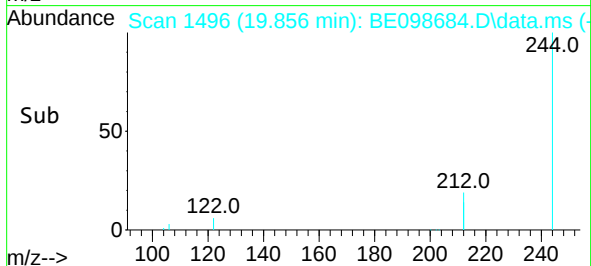
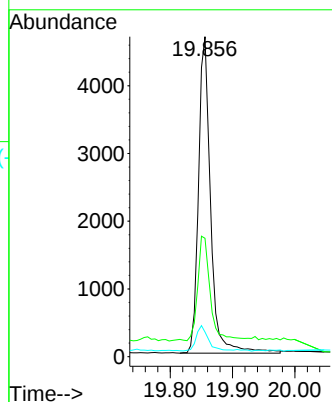
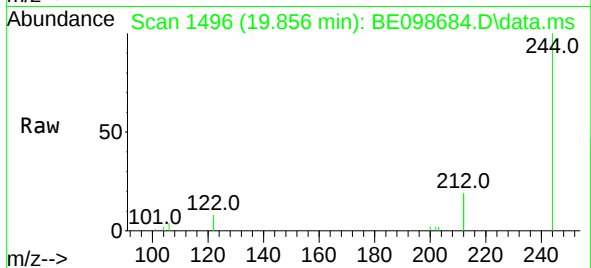




#29
 Terphenyl-d14
 Concen: 0.38 ng
 RT: 19.856 min Scan# 1496
 Delta R.T. -0.000 min
 Lab File: BE098684.D
 Acq: 24 Jan 2019 17:59

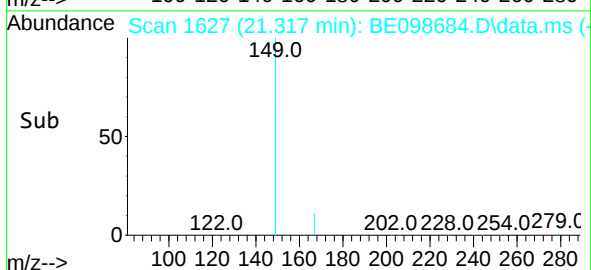
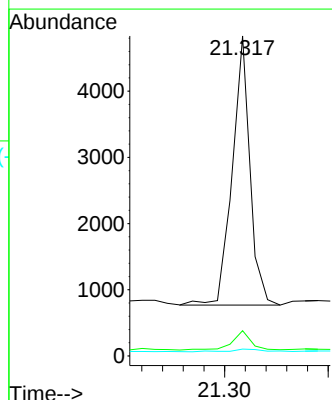
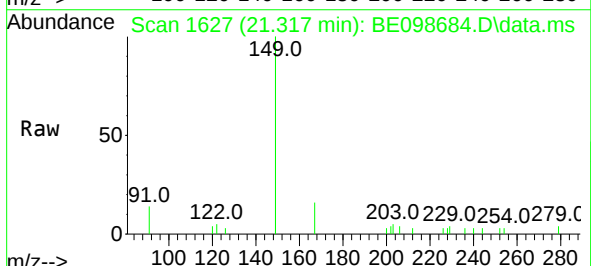
Instrument :
 BNA_E
 ClientSampleId :
 RD-4

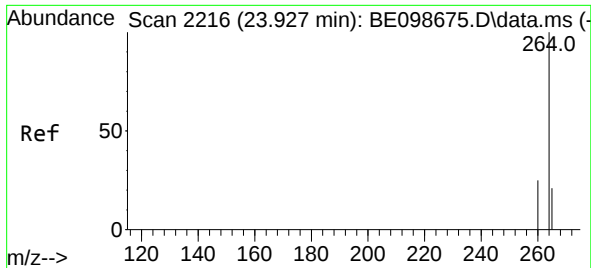
Tgt Ion:244	Resp:	6327
Ion Ratio	Lower	Upper
244	100	
212	37.0	29.4 44.2
122	7.7	7.1 10.7



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.13 ng
 RT: 21.317 min Scan# 1627
 Delta R.T. -0.001 min
 Lab File: BE098684.D
 Acq: 24 Jan 2019 17:59

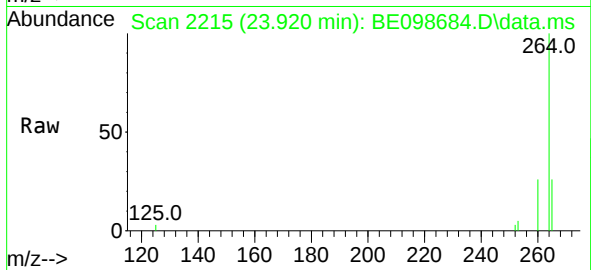
Tgt Ion:149	Resp:	4813
Ion Ratio	Lower	Upper
149	100	
167	7.6	5.4 8.2
279	1.8	1.0 1.4#





#34
Perylene-d12
Concen: 0.40 ng
RT: 23.920 min Scan# 2215
Delta R.T. -0.007 min
Lab File: BE098684.D
Acq: 24 Jan 2019 17:59

Instrument :
BNA_E
ClientSampleId :
RD-4



Tgt Ion:264 Resp: 6557
Ion Ratio Lower Upper
264 100
260 25.5 20.5 30.7
265 26.4 22.3 33.5

