

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE022619\
 Data File : BE098763.D
 Acq On : 26 Feb 2019 17:33
 Operator : JU/SJ
 Sample : K1603-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 M1-T2-OZ(POST)

Quant Time: Feb 27 00:23:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE022619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 26 15:44:42 2019
 Response via : Initial Calibration

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

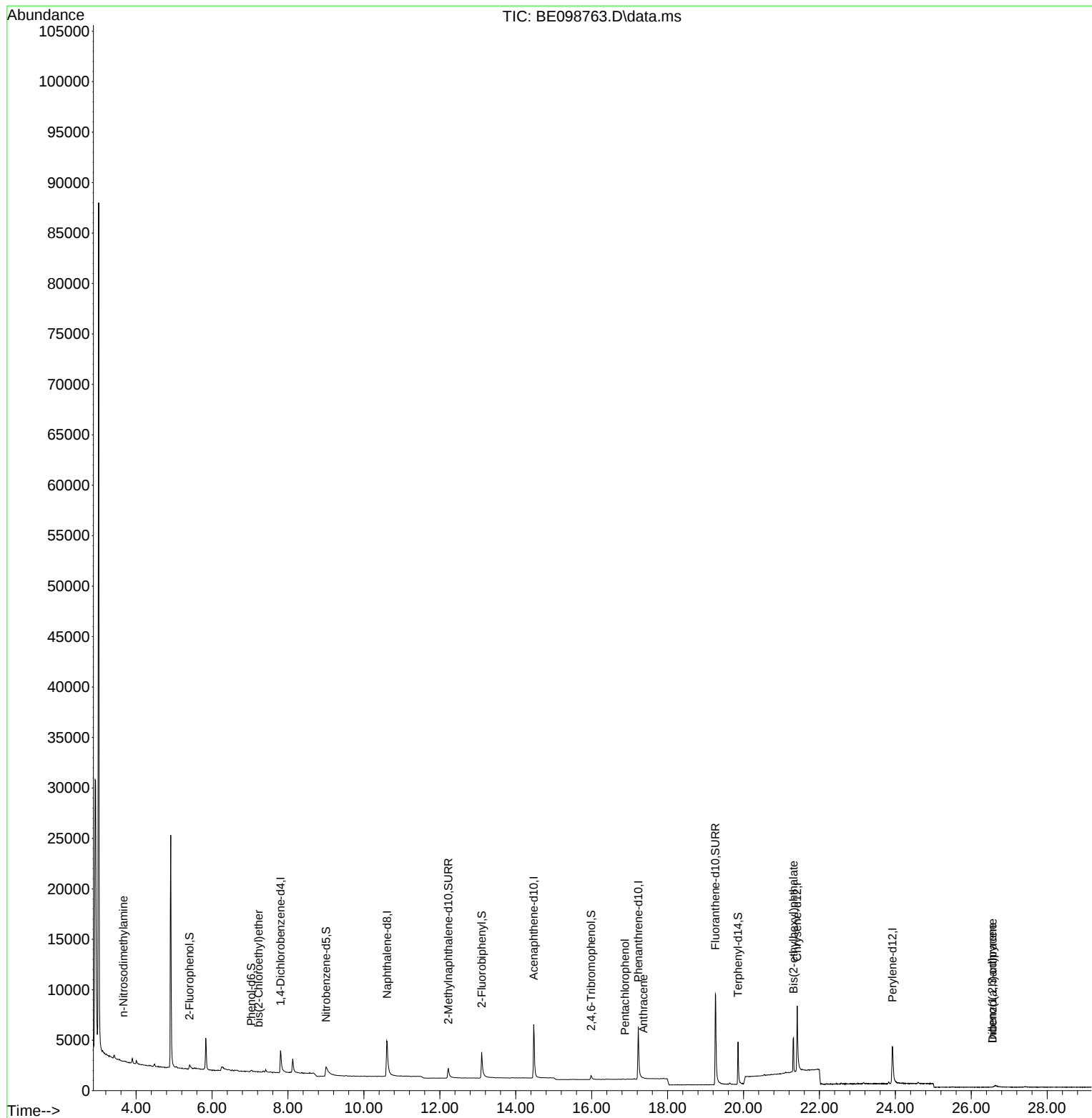
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.803	152	1535	0.40	ng	-0.01
7) Naphthalene-d8	10.614	136	6133	0.40	ng	0.01
13) Acenaphthene-d10	14.471	164	4382	0.40	ng	0.00
19) Phenanthrene-d10	17.228	188	10607	0.40	ng	# 0.00
27) Chrysene-d12	21.414	240	9144	0.40	ng	# 0.00
34) Perylene-d12	23.923	264	7107	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.408	112	427	0.11	ng	0.00
5) Phenol-d6	7.032	99	276	0.05	ng	0.03
8) Nitrobenzene-d5	9.004	82	1173	0.23	ng	0.03
11) 2-Methylnaphthalene-d10	12.223	152	2617	0.23	ng	0.01
14) 2,4,6-Tribromophenol	15.983	330	411	0.26	ng	0.00
15) 2-Fluorobiphenyl	13.102	172	4242	0.23	ng	0.01
25) Fluoranthene-d10	19.259	212	18430	0.12	ng	0.00
29) Terphenyl-d14	19.856	244	4693	0.21	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.669	42	32	0.10	ng	# 39
6) bis(2-Chloroethyl)ether	7.227	93	9	0.07	ng	# 1
22) Pentachlorophenol	16.880	266	2	0.21	ng	# 70
24) Anthracene	17.362	178	19	0.08	ng	# 65
32) Bis(2-ethylhexyl)phtha...	21.318	149	4922	0.09	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.552	276	3	0.09	ng	# 1
38) Dibenzo(a,h)anthracene	26.560	278	7	0.14	ng	# 1

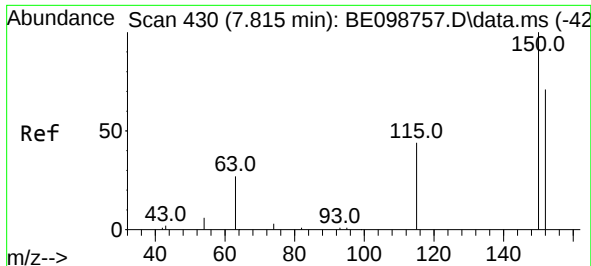
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE022619\
Data File : BE098763.D
Acq On : 26 Feb 2019 17:33
Operator : JU/SJ
Sample : K1603-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
M1-T2-OZ(POST)

Quant Time: Feb 27 00:23:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE022619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 26 15:44:42 2019
Response via : Initial Calibration

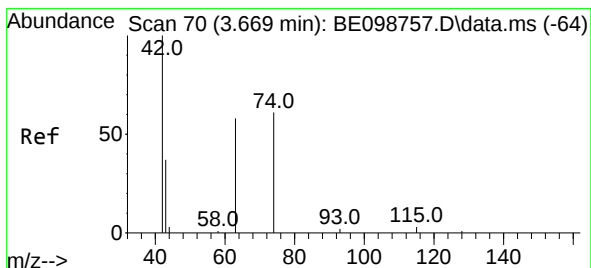
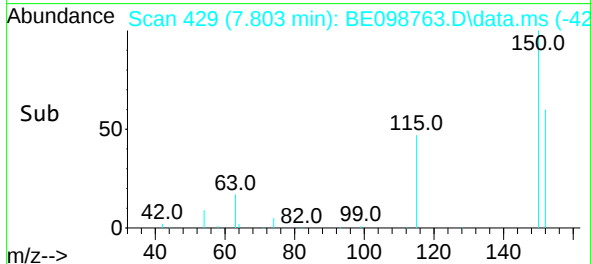
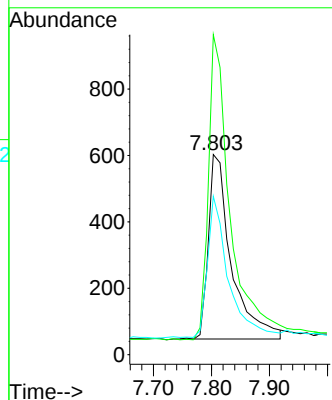
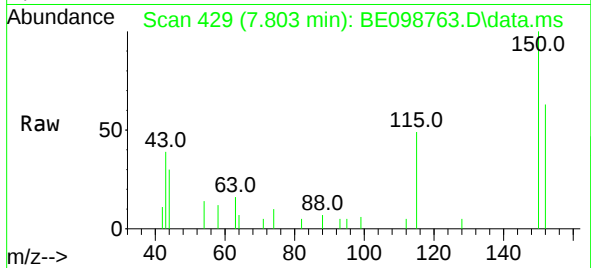




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.803 min Scan# 429
 Delta R.T. -0.012 min
 Lab File: BE098763.D
 Acq: 26 Feb 2019 17:33

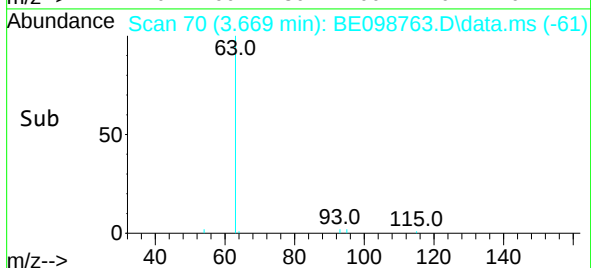
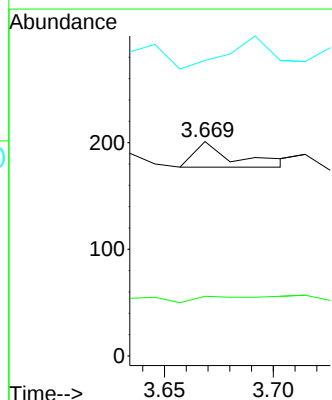
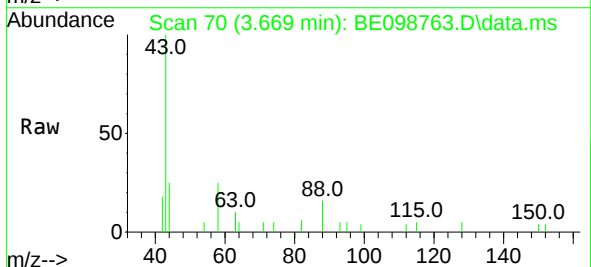
Instrument :
 BNA_E
 ClientSampleId :
 M1-T2-OZ(POST)

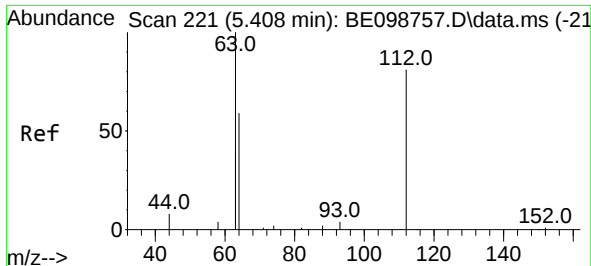
Tgt Ion:152 Resp: 1535
 Ion Ratio Lower Upper
 152 100
 150 159.9 121.4 182.2
 115 79.1 59.1 88.7



#3
 n-Nitrosodimethylamine
 Concen: 0.10 ng
 RT: 3.669 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: BE098763.D
 Acq: 26 Feb 2019 17:33

Tgt Ion: 42 Resp: 32
 Ion Ratio Lower Upper
 42 100
 74 21.9 58.9 88.3#
 44 0.0 0.0 0.0

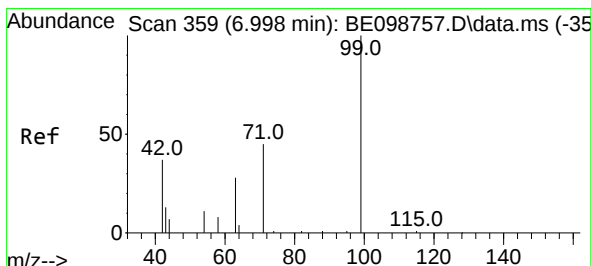
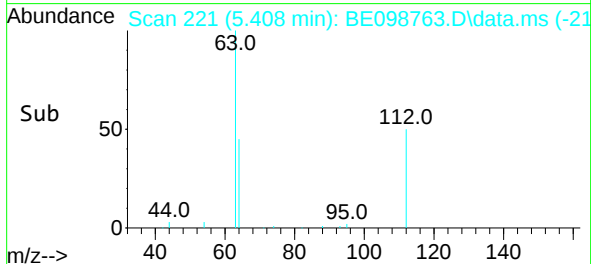
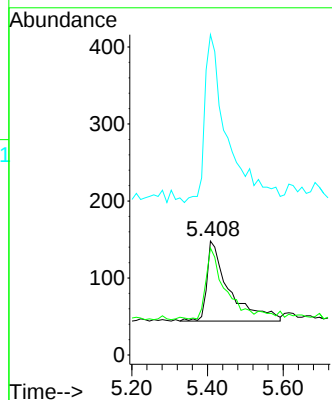
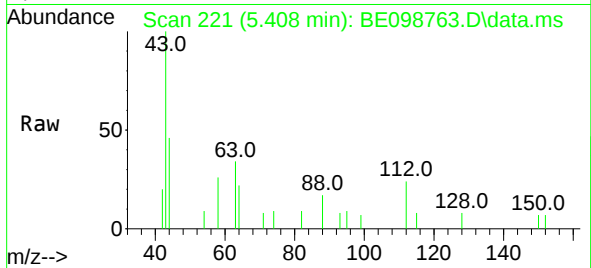




#4
2-Fluorophenol
Concen: 0.11 ng
RT: 5.408 min Scan# 221
Delta R.T. -0.001 min
Lab File: BE098763.D
Acq: 26 Feb 2019 17:33

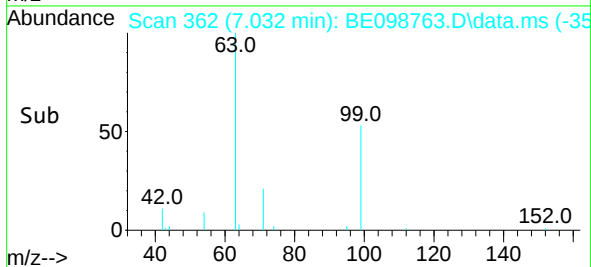
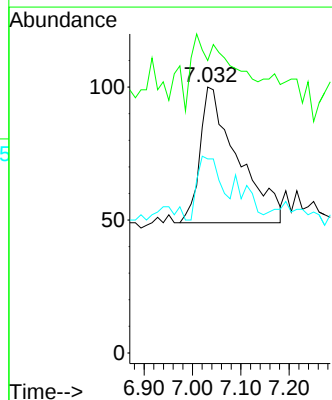
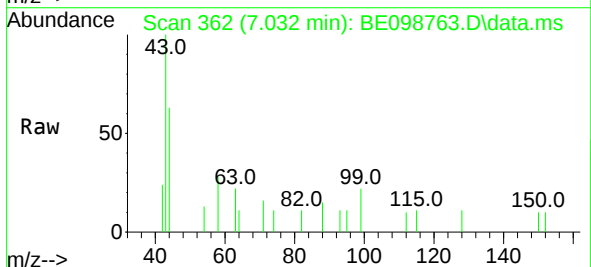
Instrument :
BNA_E
ClientSampleId :
M1-T2-OZ(POST)

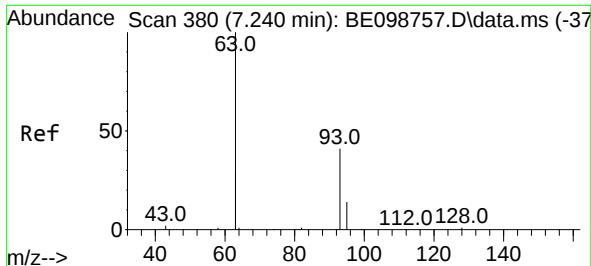
Tgt Ion:112 Resp: 427
Ion Ratio Lower Upper
112 100
64 73.5 62.9 94.3
63 214.1 152.2 228.4



#5
Phenol-d6
Concen: 0.05 ng
RT: 7.032 min Scan# 362
Delta R.T. 0.034 min
Lab File: BE098763.D
Acq: 26 Feb 2019 17:33

Tgt Ion: 99 Resp: 276
Ion Ratio Lower Upper
99 100
42 0.0 24.6 37.0#
71 29.7 35.1 52.7#

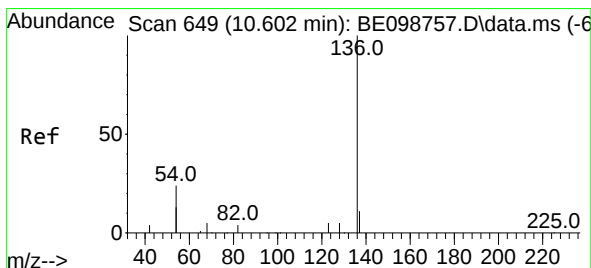
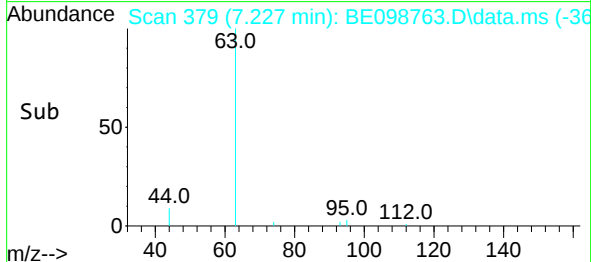
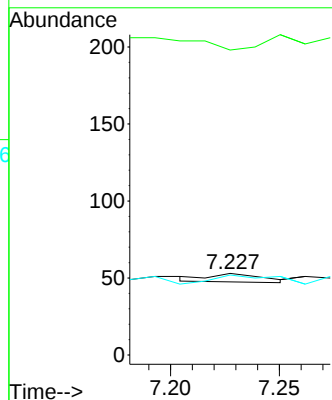
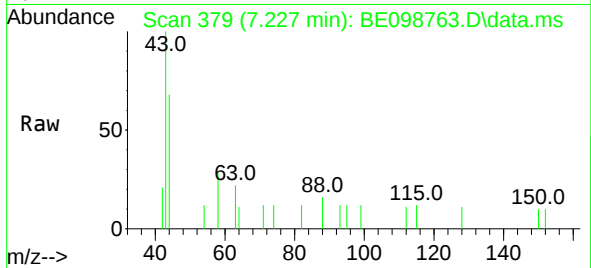




#6
bis(2-Chloroethyl)ether
Concen: 0.07 ng
RT: 7.227 min Scan# 379
Delta R.T. -0.013 min
Lab File: BE098763.D
Acq: 26 Feb 2019 17:33

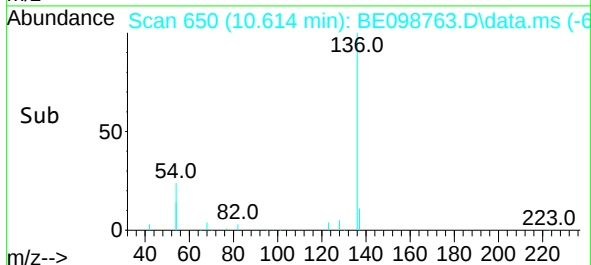
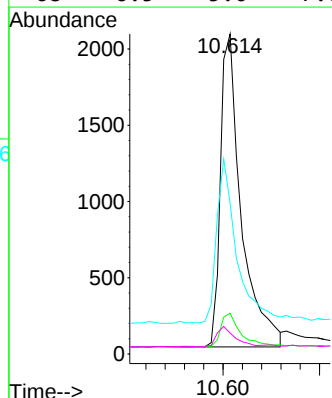
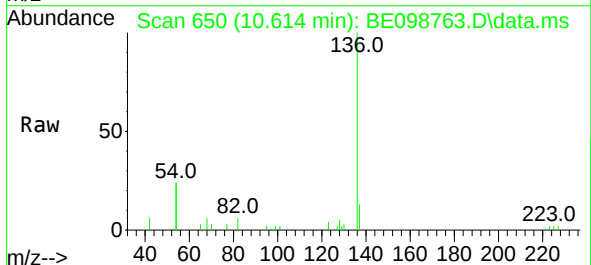
Instrument :
BNA_E
ClientSampleId :
M1-T2-OZ(POST)

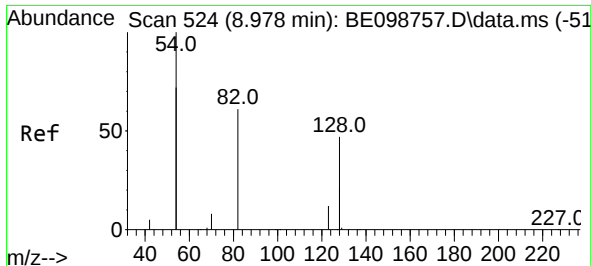
Tgt Ion: 93 Resp: 9
Ion Ratio Lower Upper
93 100
63 0.0 267.3 400.9#
95 133.3 26.2 39.4#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.614 min Scan# 650
Delta R.T. 0.012 min
Lab File: BE098763.D
Acq: 26 Feb 2019 17:33

Tgt Ion: 136 Resp: 6133
Ion Ratio Lower Upper
136 100
137 12.8 9.7 14.5
54 47.2 35.5 53.3
68 6.5 5.0 7.6

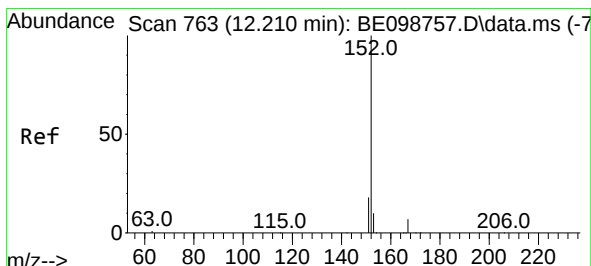
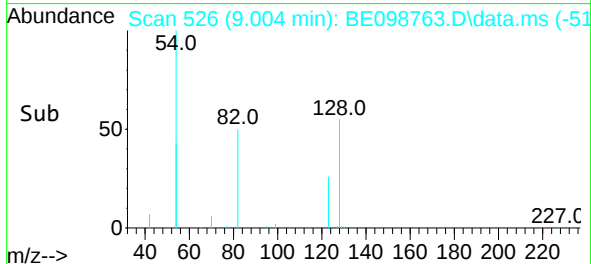
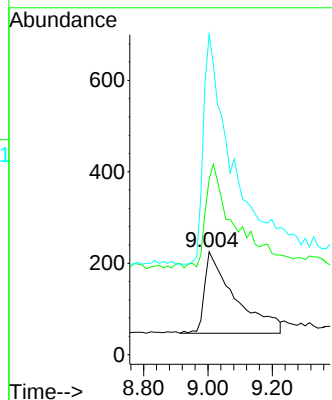
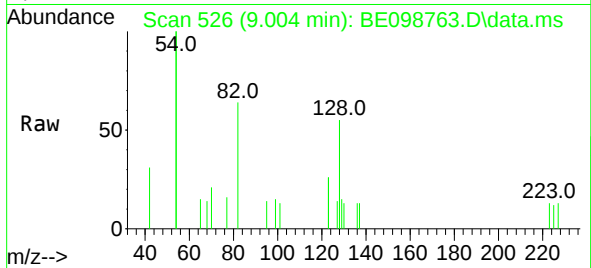




#8
Nitrobenzene-d5
Concen: 0.23 ng
RT: 9.004 min Scan# 526
Delta R.T. 0.026 min
Lab File: BE098763.D
Acq: 26 Feb 2019 17:33

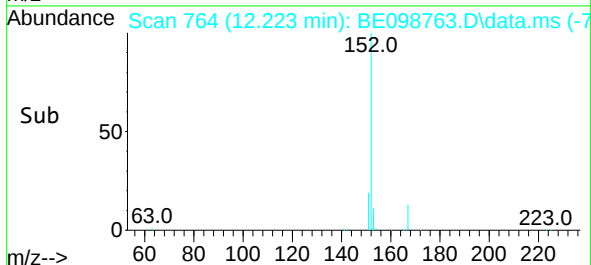
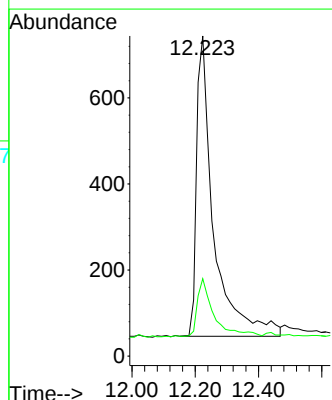
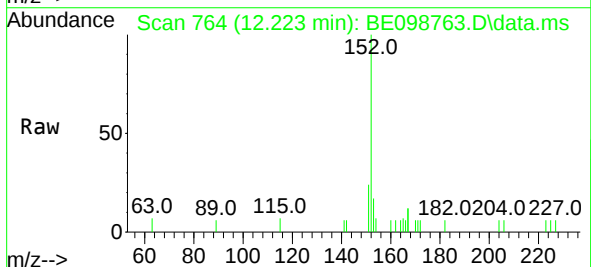
Instrument :
BNA_E
ClientSampleId :
M1-T2-OZ(POST)

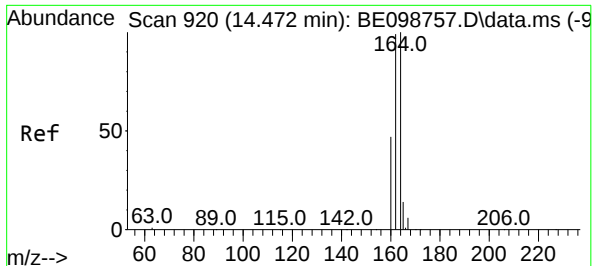
Tgt Ion: 82 Resp: 1173
Ion Ratio Lower Upper
82 100
128 170.7 96.5 144.7#
54 311.1 224.7 337.1



#11
2-Methylnaphthalene-d10
Concen: 0.23 ng
RT: 12.223 min Scan# 764
Delta R.T. 0.014 min
Lab File: BE098763.D
Acq: 26 Feb 2019 17:33

Tgt Ion: 152 Resp: 2617
Ion Ratio Lower Upper
152 100
151 18.1 16.2 24.4





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.471 min Scan# 920

Delta R.T. -0.001 min

Lab File: BE098763.D

Acq: 26 Feb 2019 17:33

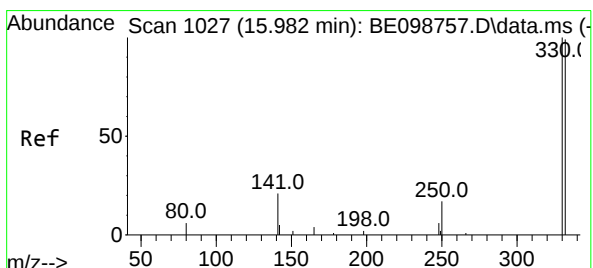
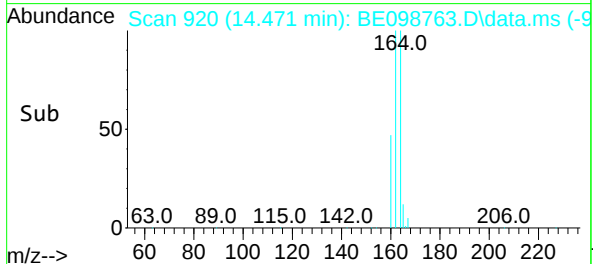
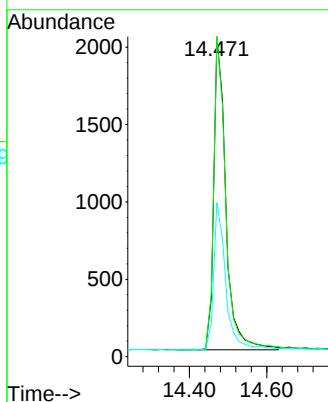
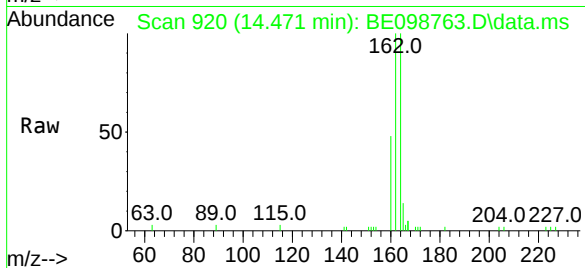
Instrument :

BNA_E

ClientSampleId :

M1-T2-OZ(POST)

Tgt Ion:164	Resp:	4382
Ion Ratio	Lower	Upper
164	100	
162	100.0	80.5 120.7
160	48.1	40.1 60.1



#14

2,4,6-Tribromophenol

Concen: 0.26 ng

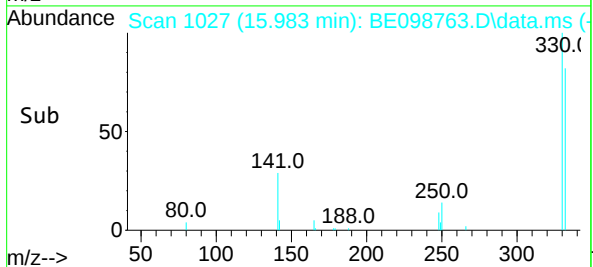
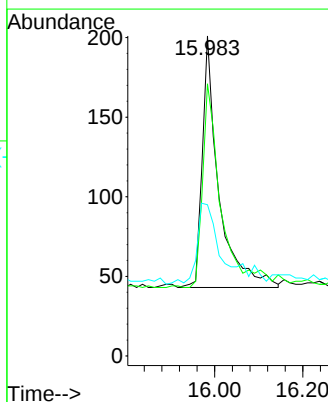
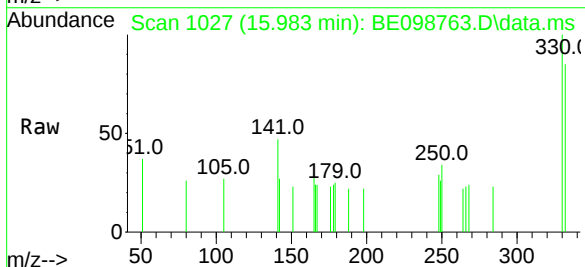
RT: 15.983 min Scan# 1027

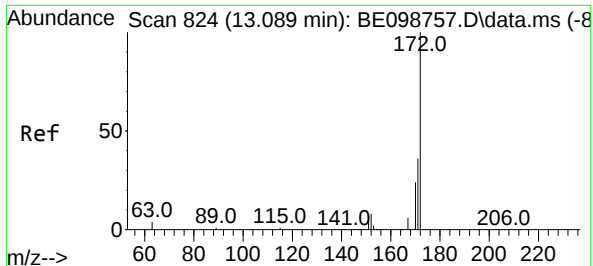
Delta R.T. 0.001 min

Lab File: BE098763.D

Acq: 26 Feb 2019 17:33

Tgt Ion:330	Resp:	411
Ion Ratio	Lower	Upper
330	100	
332	94.2	73.3 109.9
141	46.2	33.1 49.7

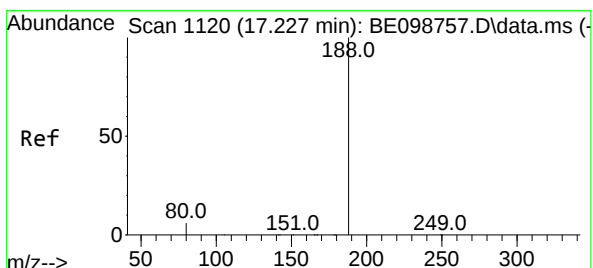
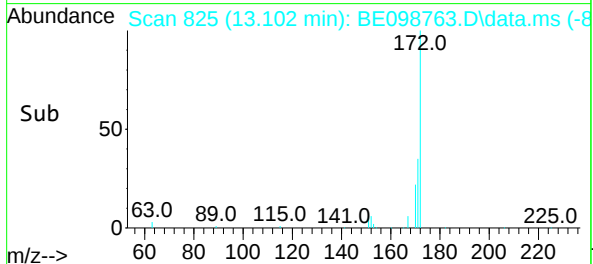
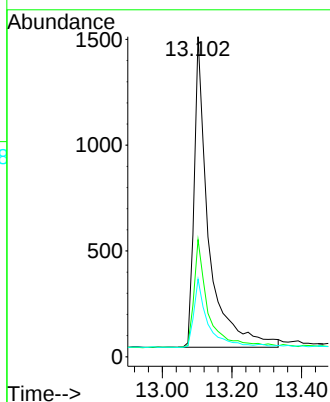
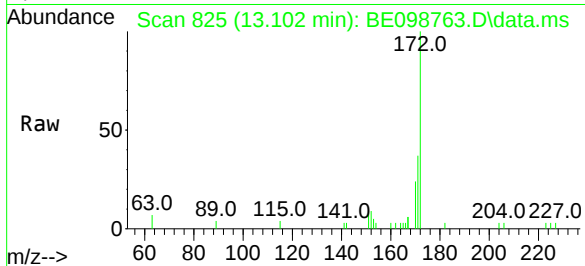




#15
2-Fluorobiphenyl
Concen: 0.23 ng
RT: 13.102 min Scan# 825
Delta R.T. 0.013 min
Lab File: BE098763.D
Acq: 26 Feb 2019 17:33

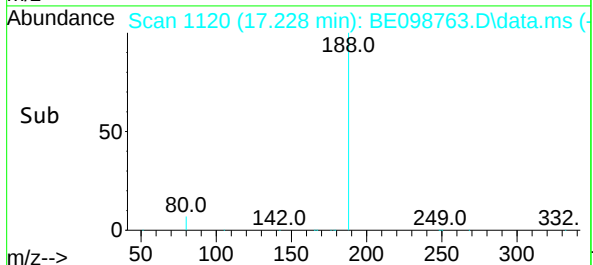
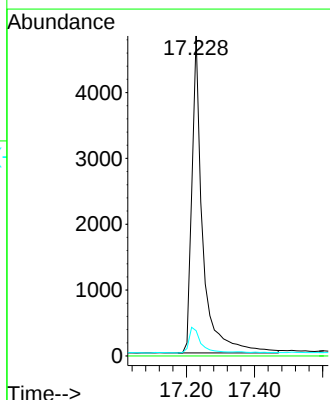
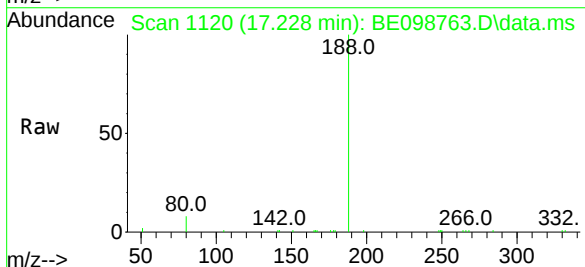
Instrument :
BNA_E
ClientSampleId :
M1-T2-OZ(POST)

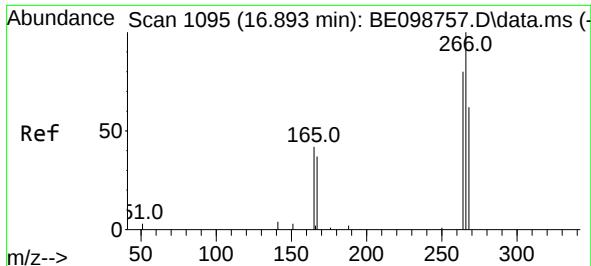
Tgt Ion:	172	Resp:	4242
Ion Ratio	Lower	Upper	
172	100		
171	36.6	29.0	43.4
170	24.3	20.8	31.2



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.228 min Scan# 1120
Delta R.T. 0.001 min
Lab File: BE098763.D
Acq: 26 Feb 2019 17:33

Tgt Ion:	188	Resp:	10607
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	7.9	4.7	7.1

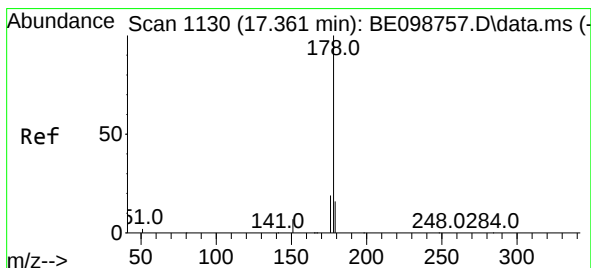
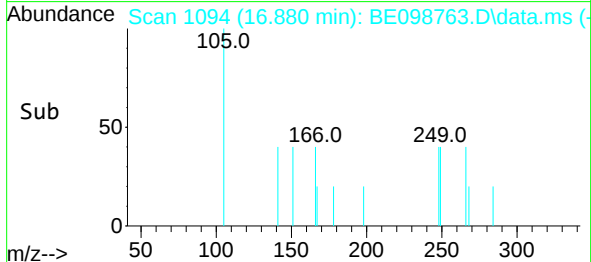
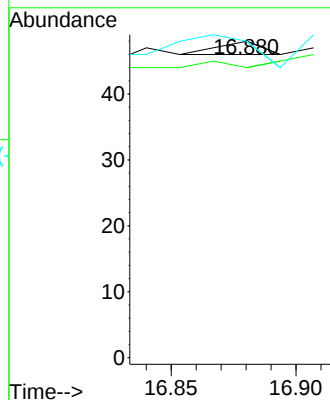
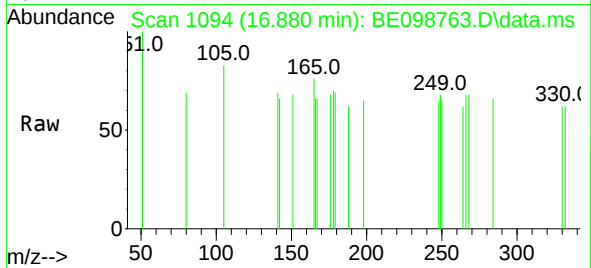




#22
Pentachlorophenol
Concen: 0.21 ng
RT: 16.880 min Scan# 1094
Delta R.T. -0.013 min
Lab File: BE098763.D
Acq: 26 Feb 2019 17:33

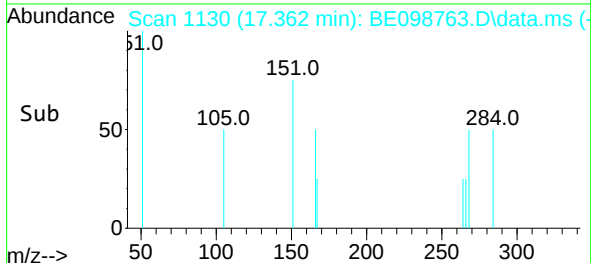
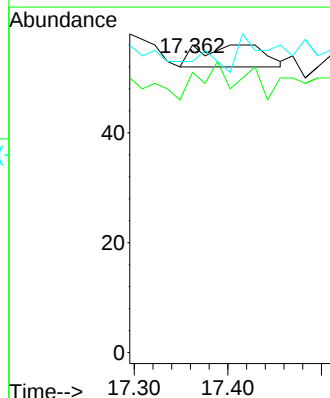
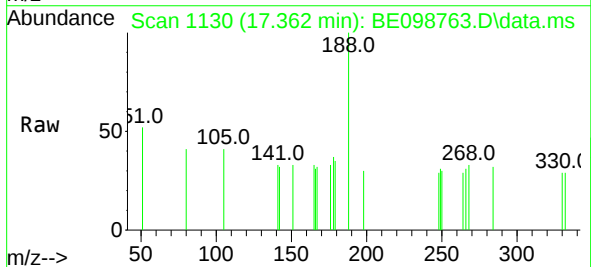
Instrument :
BNA_E
ClientSampleId :
M1-T2-OZ(POST)

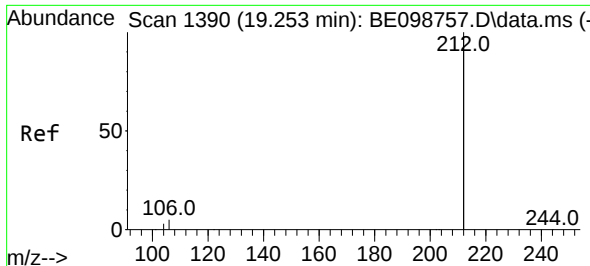
Tgt Ion:266 Resp: 2
Ion Ratio Lower Upper
266 100
264 91.7 53.7 80.5#
268 100.0 59.8 89.8#



#24
Anthracene
Concen: 0.08 ng
RT: 17.362 min Scan# 1130
Delta R.T. 0.001 min
Lab File: BE098763.D
Acq: 26 Feb 2019 17:33

Tgt Ion:178 Resp: 19
Ion Ratio Lower Upper
178 100
176 0.0 14.9 22.3#
179 26.3 11.8 17.8#

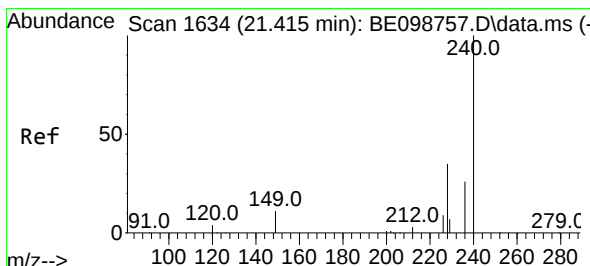
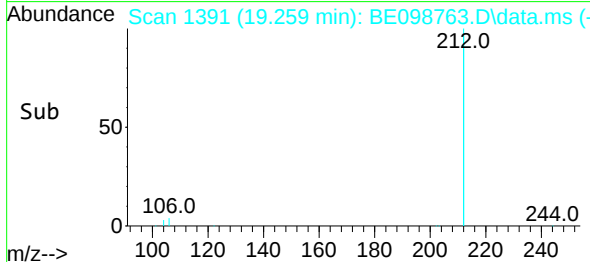
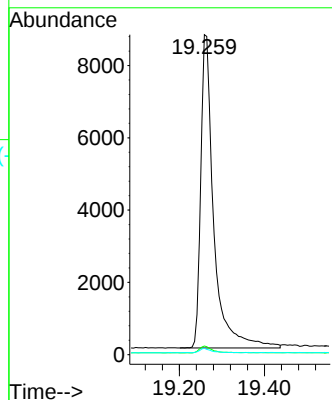
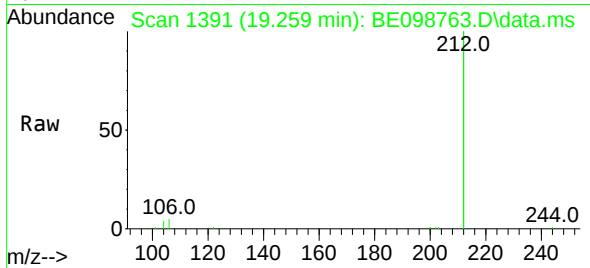




#25
Fluoranthene-d10
Concen: 0.12 ng
RT: 19.259 min Scan# 1391
Delta R.T. 0.005 min
Lab File: BE098763.D
Acq: 26 Feb 2019 17:33

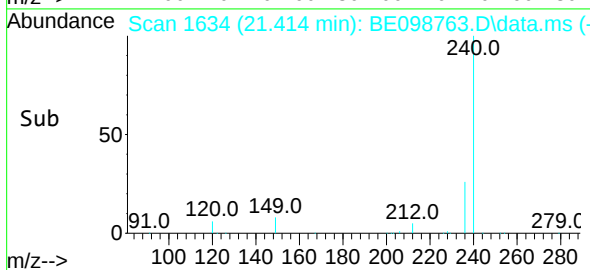
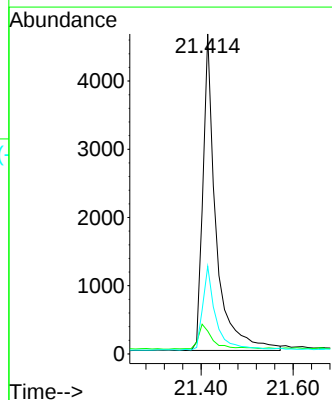
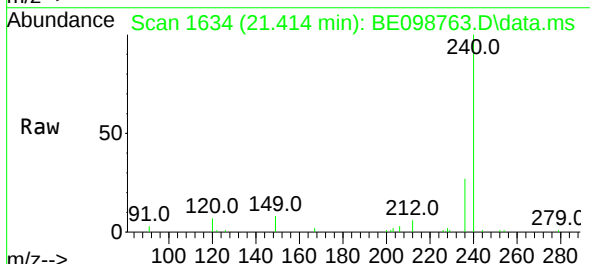
Instrument :
BNA_E
ClientSampleId :
M1-T2-OZ(POST)

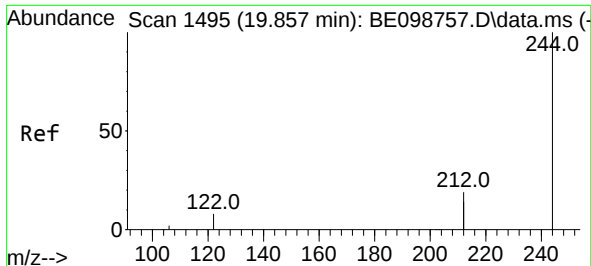
Tgt Ion:212 Resp: 18430
Ion Ratio Lower Upper
212 100
106 2.2 1.7 2.5
104 1.3 1.0 1.6



#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.414 min Scan# 1634
Delta R.T. -0.001 min
Lab File: BE098763.D
Acq: 26 Feb 2019 17:33

Tgt Ion:240 Resp: 9144
Ion Ratio Lower Upper
240 100
120 7.1 4.7 7.1#
236 27.4 21.9 32.9

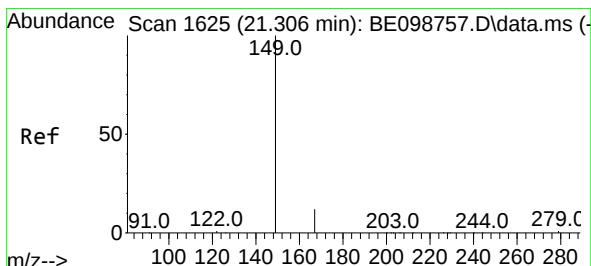
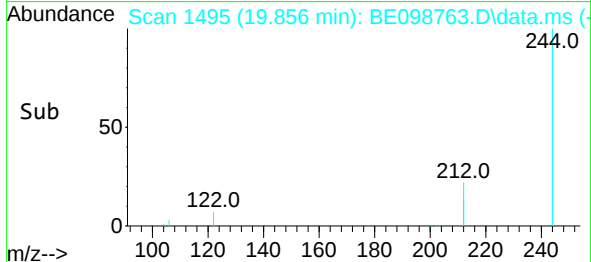
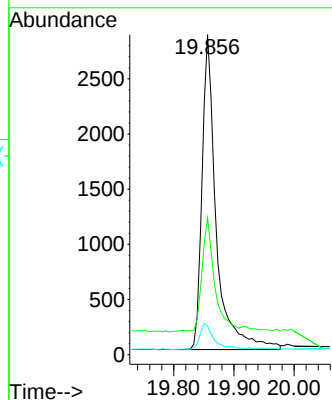
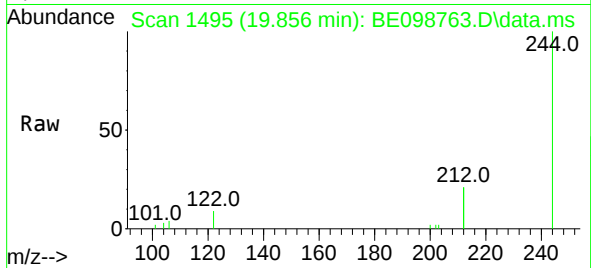




#29
 Terphenyl-d14
 Concen: 0.21 ng
 RT: 19.856 min Scan# 1495
 Delta R.T. -0.000 min
 Lab File: BE098763.D
 Acq: 26 Feb 2019 17:33

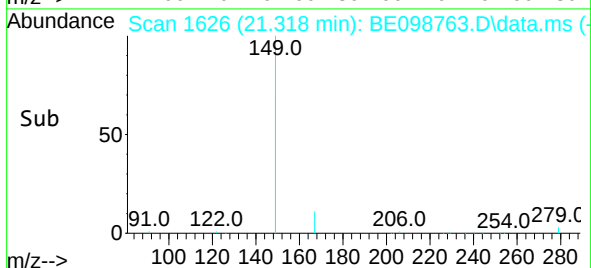
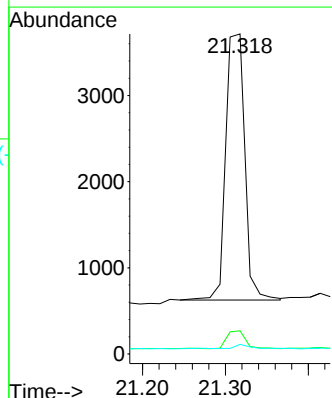
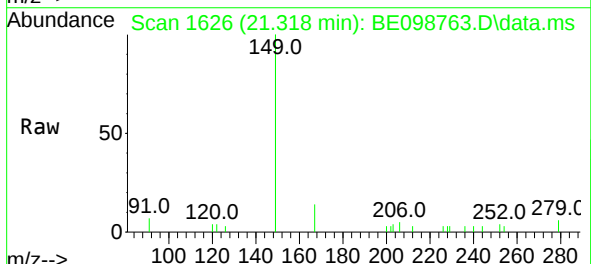
Instrument :
 BNA_E
 ClientSampleId :
 M1-T2-OZ(POST)

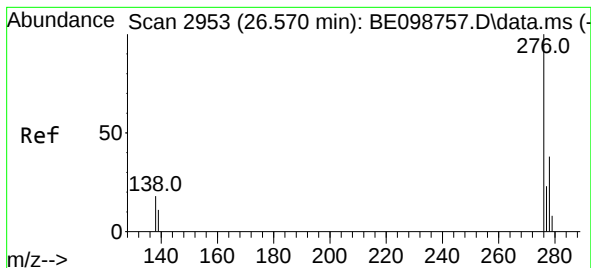
Tgt Ion:	244	Resp:	4693
Ion Ratio	Lower	Upper	
244	100		
212	42.8	29.4	44.2
122	9.0	7.1	10.7



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.09 ng
 RT: 21.318 min Scan# 1626
 Delta R.T. 0.011 min
 Lab File: BE098763.D
 Acq: 26 Feb 2019 17:33

Tgt Ion:	149	Resp:	4922
Ion Ratio	Lower	Upper	
149	100		
167	6.6	5.4	8.2
279	1.5	1.0	1.4

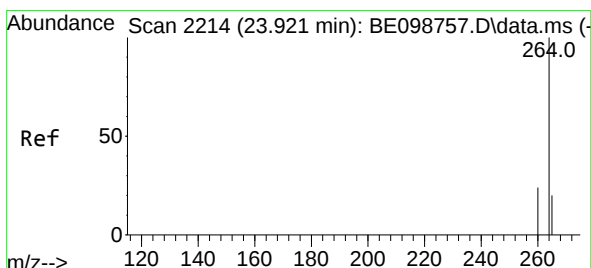
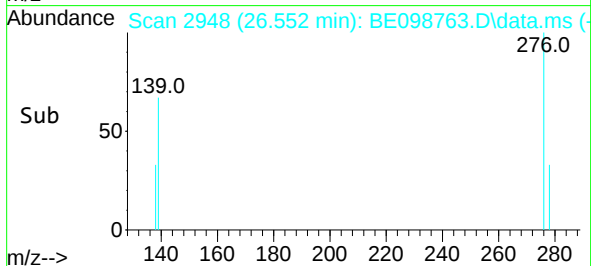
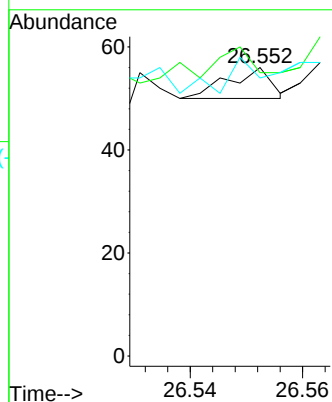
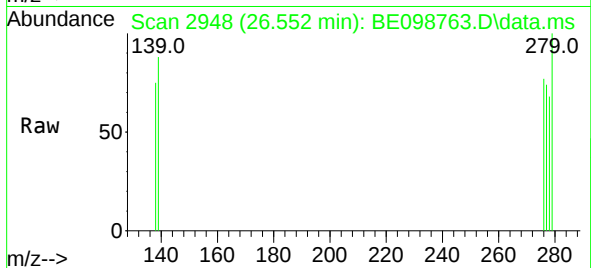




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.09 ng
RT: 26.552 min Scan# 2948
Delta R.T. -0.018 min
Lab File: BE098763.D
Acq: 26 Feb 2019 17:33

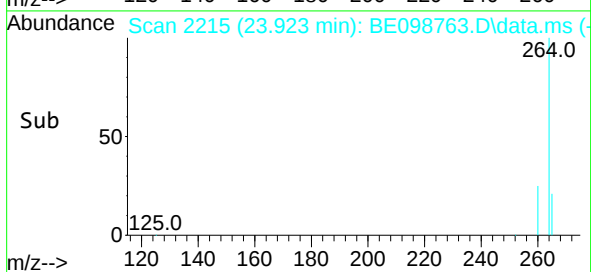
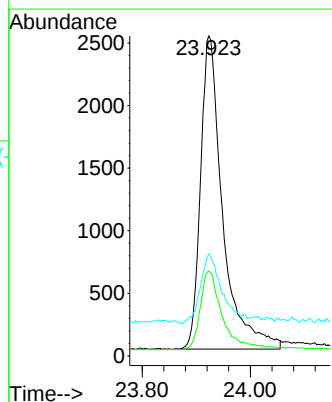
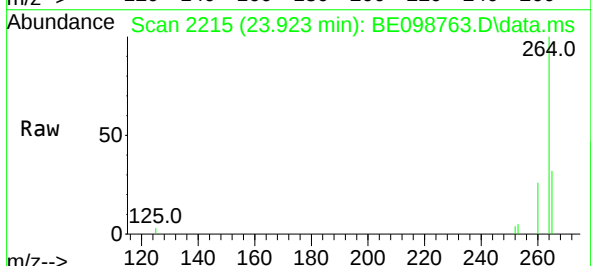
Instrument :
BNA_E
ClientSampleId :
M1-T2-OZ(POST)

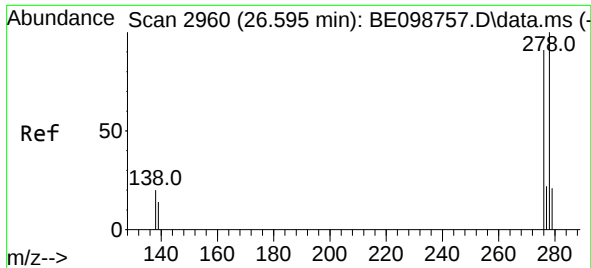
Tgt Ion:276 Resp: 3
Ion Ratio Lower Upper
276 100
138 100.0 13.3 19.9#
277 200.0 19.4 29.0#



#34
Perylene-d12
Concen: 0.40 ng
RT: 23.923 min Scan# 2215
Delta R.T. 0.002 min
Lab File: BE098763.D
Acq: 26 Feb 2019 17:33

Tgt Ion:264 Resp: 7107
Ion Ratio Lower Upper
264 100
260 26.5 20.5 30.7
265 31.9 22.3 33.5





#38

Dibenzo(a,h)anthracene

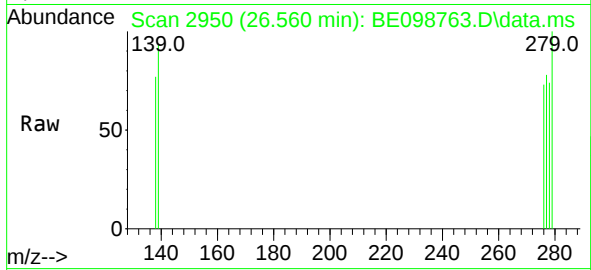
Concen: 0.14 ng

RT: 26.560 min Scan# 2950

Delta R.T. -0.035 min

Lab File: BE098763.D

Acq: 26 Feb 2019 17:33



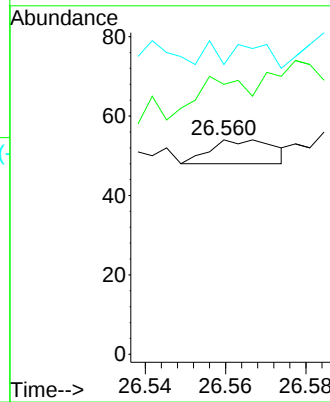
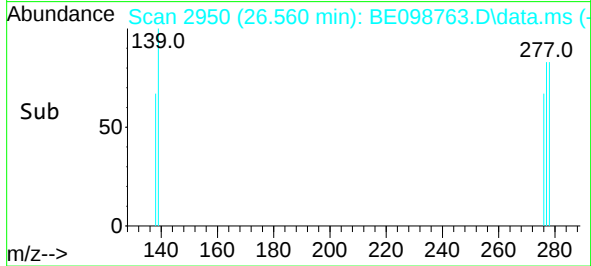
Tgt Ion: 278 Resp: 7

Ion Ratio Lower Upper

278 100

139 125.9 12.7 19.1#

279 135.2 22.0 33.0#



Instrument :

BNA_E

ClientSampleId :

M1-T2-OZ(POST)