

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE021319\
 Data File : BE098732.D
 Acq On : 13 Feb 2019 18:04
 Operator : JU/SJ
 Sample : K1463-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 M2-TI-02(POST-GAC)

Quant Time: Feb 14 04:06:50 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)

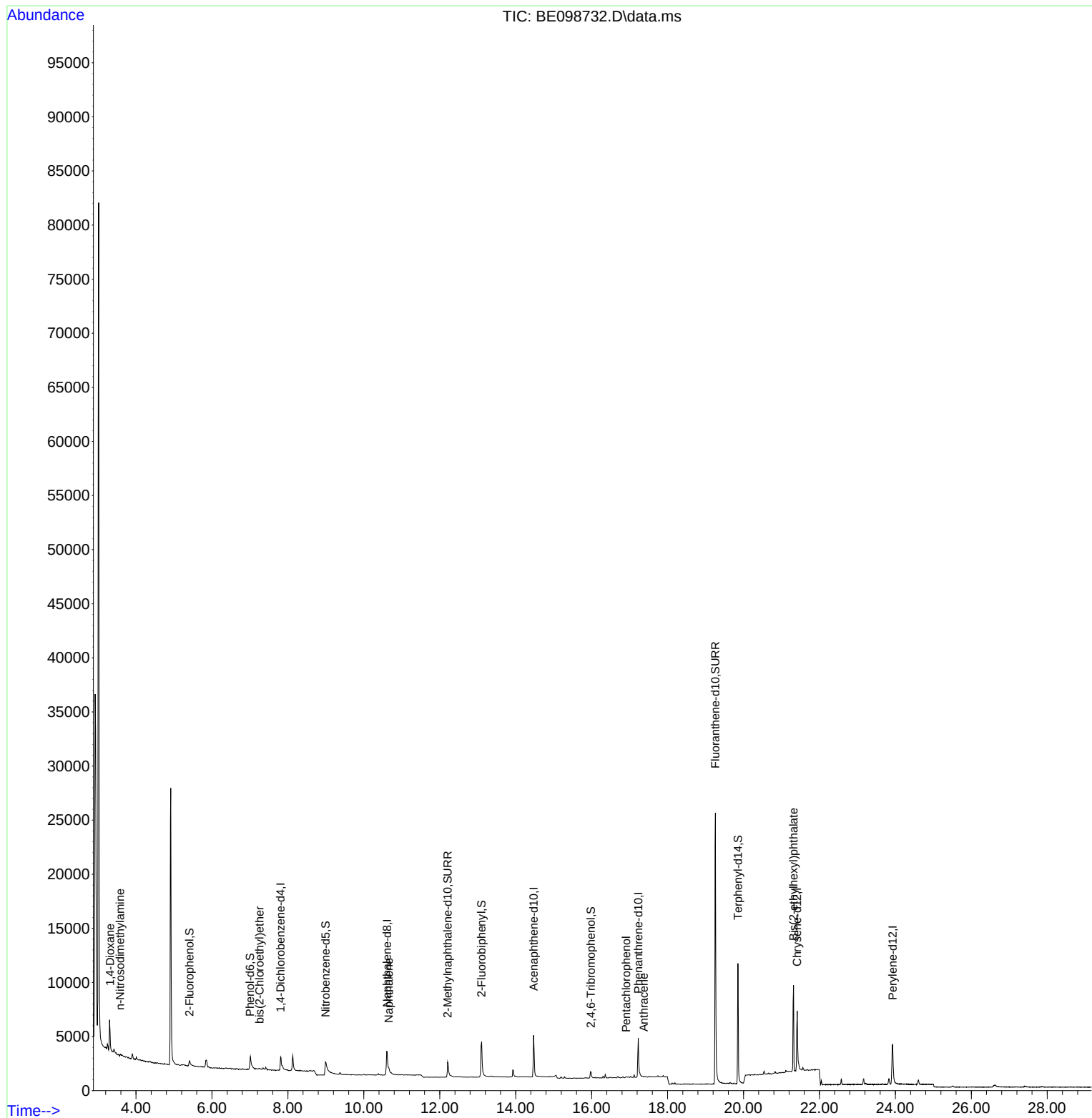
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.807	152	898	0.40	ng	0.00
7) Naphthalene-d8	10.615	136	3825	0.40	ng	# 0.01
13) Acenaphthene-d10	14.471	164	2604	0.40	ng	0.00
19) Phenanthrene-d10	17.227	188	6424	0.40	ng	# 0.00
27) Chrysene-d12	21.415	240	7519	0.40	ng	0.00
34) Perylene-d12	23.927	264	6792	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.411	112	475	0.18	ng	0.01
5) Phenol-d6	7.000	99	394	0.10	ng	0.00
8) Nitrobenzene-d5	8.991	82	1249	0.35	ng	0.01
11) 2-Methylnaphthalene-d10	12.210	152	2844	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.983	330	516	0.45	ng	0.00
15) 2-Fluorobiphenyl	13.103	172	4972	0.45	ng	0.00
25) Fluoranthene-d10	19.259	212	39024	0.43	ng	0.00
29) Terphenyl-d14	19.856	244	11338	0.60	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.315	88	1557	1.09	ng	# 92
3) n-Nitrosodimethylamine	3.580	42	41	0.07	ng	# 13
6) bis(2-Chloroethyl)ether	7.254	93	54	0.02	ng	# 65
9) Naphthalene	10.654	128	924	0.02	ng	# 75
22) Pentachlorophenol	16.906	266	62	0.05	ng	# 80
24) Anthracene	17.375	178	66	0.07	ng	# 36
32) Bis(2-ethylhexyl)phtha...	21.318	149	10671	0.25	ng	100

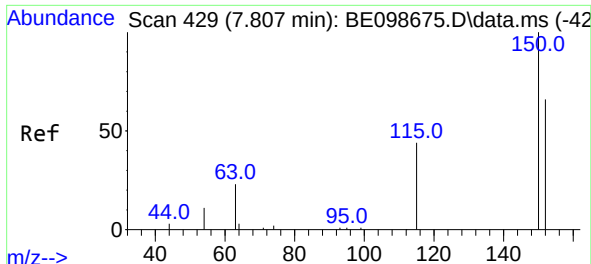
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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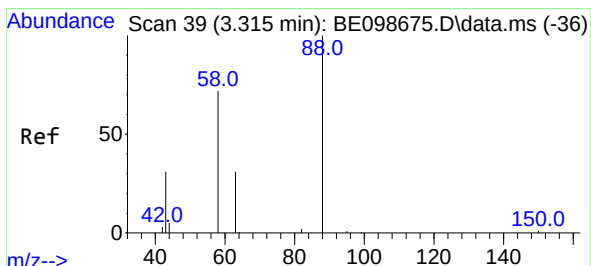
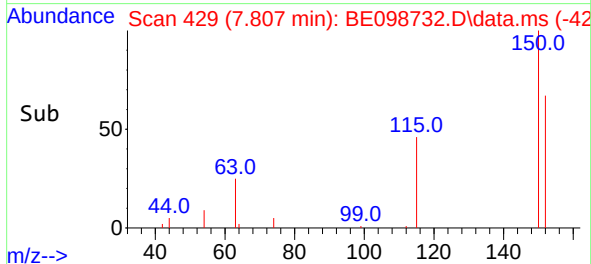
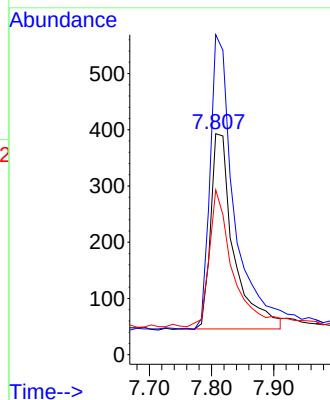
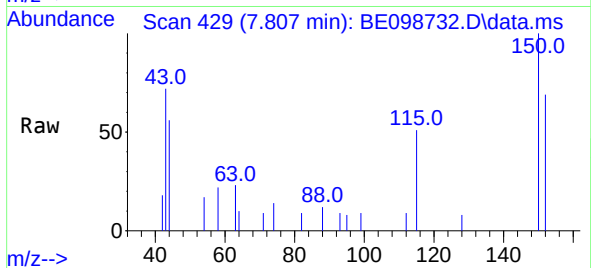


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.807 min Scan# 429
 Delta R.T. -0.000 min
 Lab File: BE098732.D
 Acq: 13 Feb 2019 18:04

Instrument :
 BNA_E
 ClientSampleId :
 M2-TI-02(POST-GAC)

Tgt Ion: 152 Resp: 898

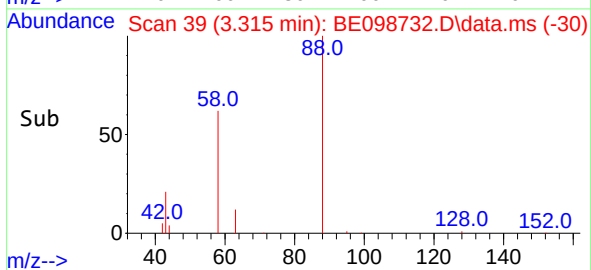
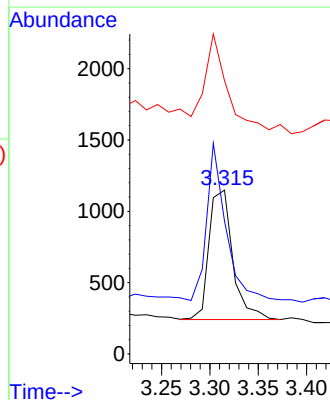
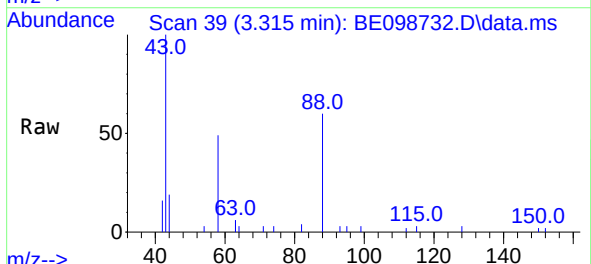
Ion	Ratio	Lower	Upper
152	100		
150	144.8	121.4	182.2
115	74.6	59.1	88.7

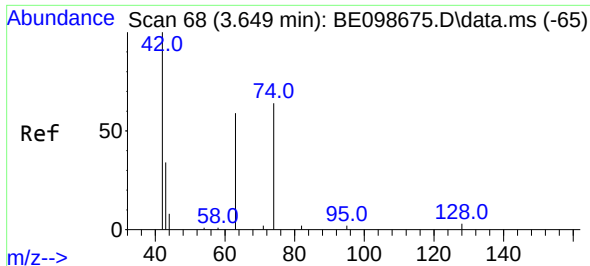


#2
 1,4-Dioxane
 Concen: 1.09 ng
 RT: 3.315 min Scan# 39
 Delta R.T. 0.000 min
 Lab File: BE098732.D
 Acq: 13 Feb 2019 18:04

Tgt Ion: 88 Resp: 1557

Ion	Ratio	Lower	Upper
88	100		
58	94.8	73.9	110.9
43	66.2	43.7	65.5

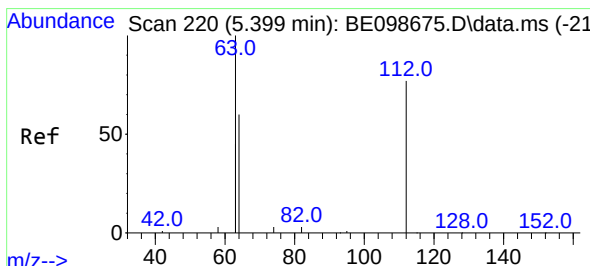
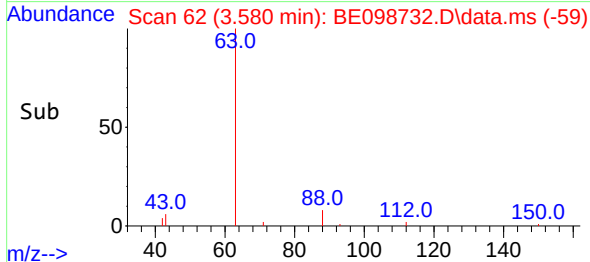
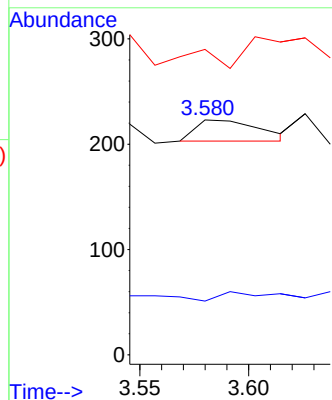
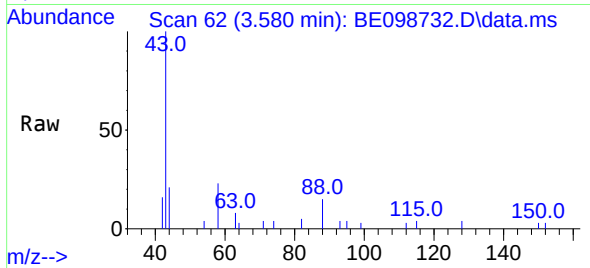




#3
n-Nitrosodimethylamine
Concen: 0.07 ng
RT: 3.580 min Scan# 62
Delta R.T. -0.069 min
Lab File: BE098732.D
Acq: 13 Feb 2019 18:04

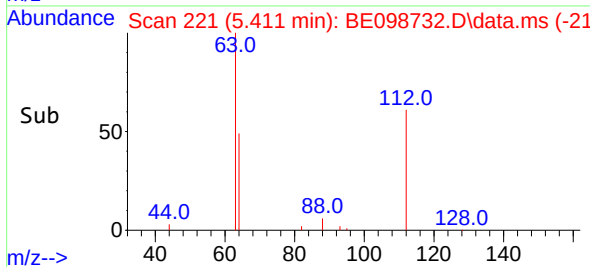
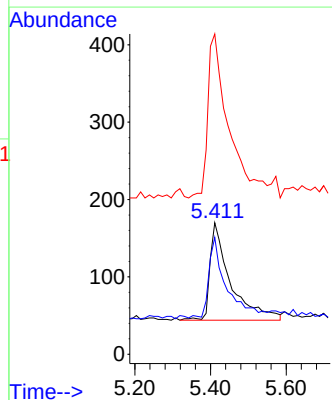
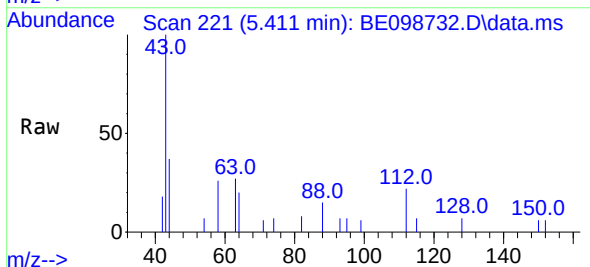
Instrument :
BNA_E
ClientSampleId :
M2-TI-02(POST-GAC)

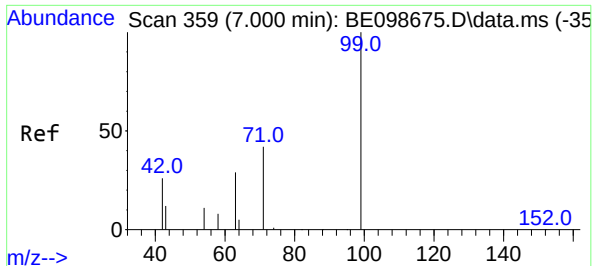
Tgt Ion: 42 Resp: 41
Ion Ratio Lower Upper
42 100
74 0.0 58.9 88.3#
44 0.0 0.0 0.0



#4
2-Fluorophenol
Concen: 0.18 ng
RT: 5.411 min Scan# 221
Delta R.T. 0.012 min
Lab File: BE098732.D
Acq: 13 Feb 2019 18:04

Tgt Ion: 112 Resp: 475
Ion Ratio Lower Upper
112 100
64 71.4 62.9 94.3
63 178.7 152.2 228.4

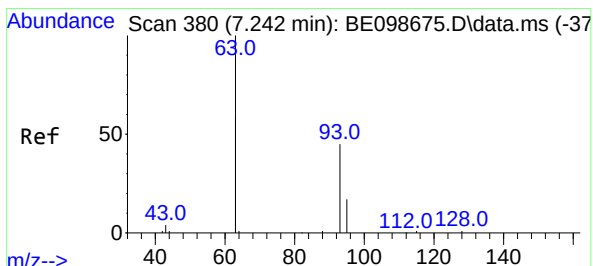
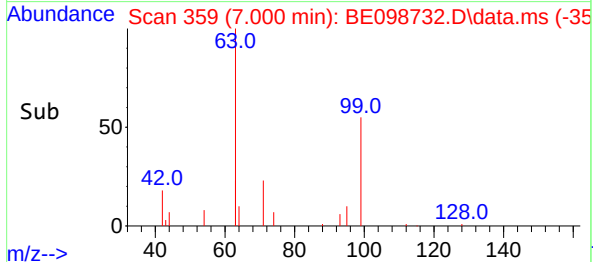
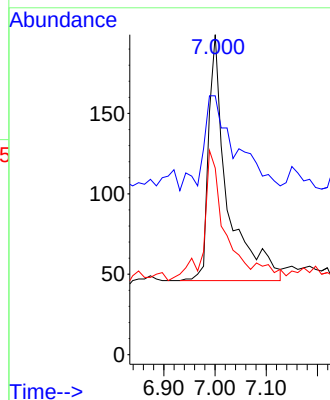
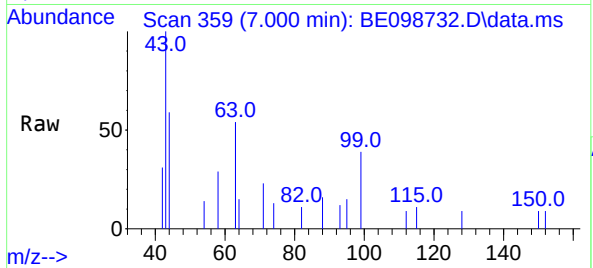




#5
Phenol-d6
Concen: 0.10 ng
RT: 7.000 min Scan# 359
Delta R.T. 0.000 min
Lab File: BE098732.D
Acq: 13 Feb 2019 18:04

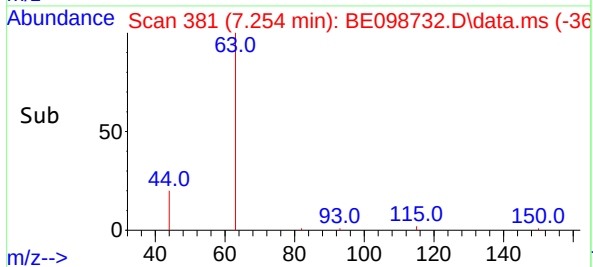
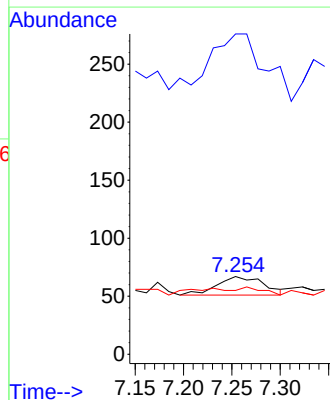
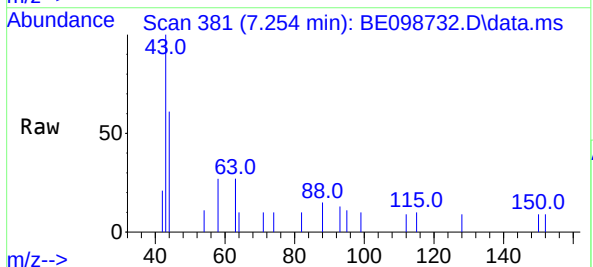
Instrument :
BNA_E
ClientSampleId :
M2-TI-02(POST-GAC)

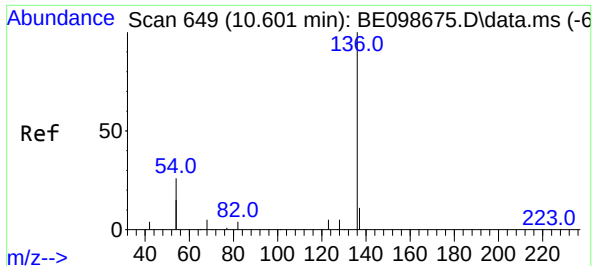
Tgt Ion: 99 Resp: 394
Ion Ratio Lower Upper
99 100
42 67.3 24.6 37.0#
71 50.8 35.1 52.7



#6
bis(2-Chloroethyl)ether
Concen: 0.02 ng
RT: 7.254 min Scan# 381
Delta R.T. 0.012 min
Lab File: BE098732.D
Acq: 13 Feb 2019 18:04

Tgt Ion: 93 Resp: 54
Ion Ratio Lower Upper
93 100
63 403.7 267.3 400.9#
95 0.0 26.2 39.4#

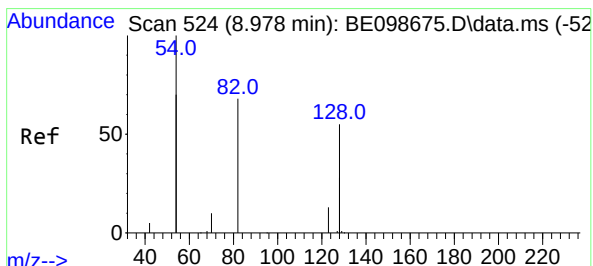
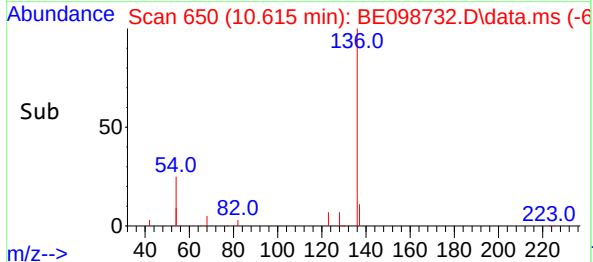
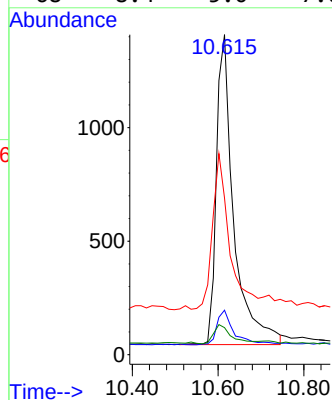
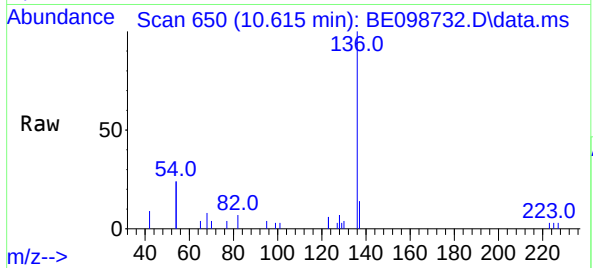




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.615 min Scan# 650
Delta R.T. 0.014 min
Lab File: BE098732.D
Acq: 13 Feb 2019 18:04

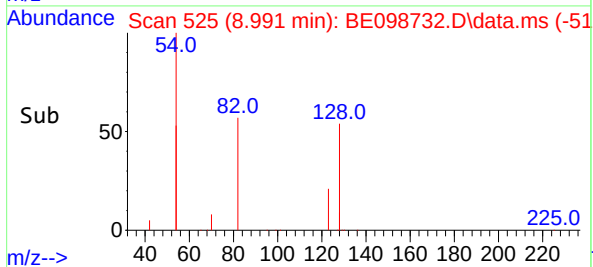
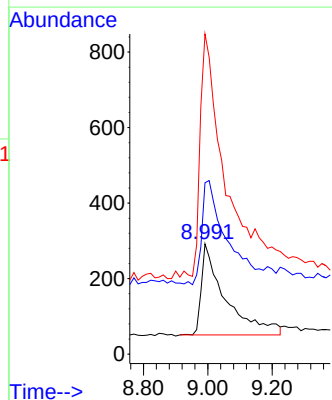
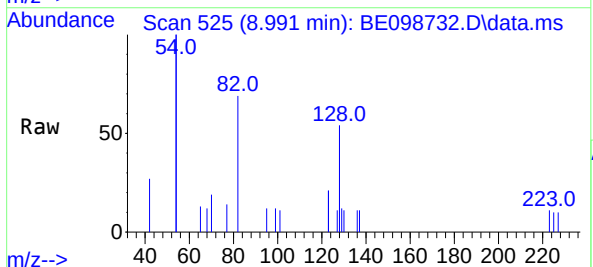
Instrument :
BNA_E
ClientSampleId :
M2-TI-02(POST-GAC)

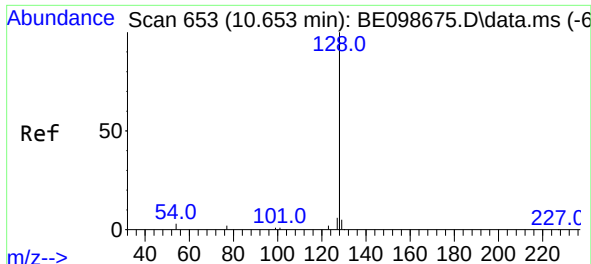
Tgt Ion:	136	Resp:	3825
Ion	Ratio	Lower	Upper
136	100		
137	13.9	9.7	14.5
54	49.0	35.5	53.3
68	8.4	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.35 ng
RT: 8.991 min Scan# 525
Delta R.T. 0.013 min
Lab File: BE098732.D
Acq: 13 Feb 2019 18:04

Tgt Ion:	82	Resp:	1249
Ion	Ratio	Lower	Upper
82	100		
128	155.5	96.5	144.7
54	290.4	224.7	337.1

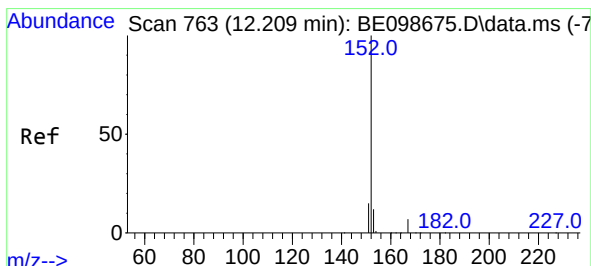
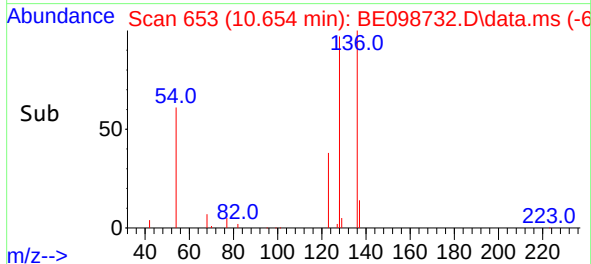
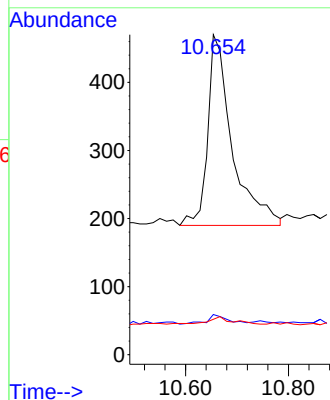
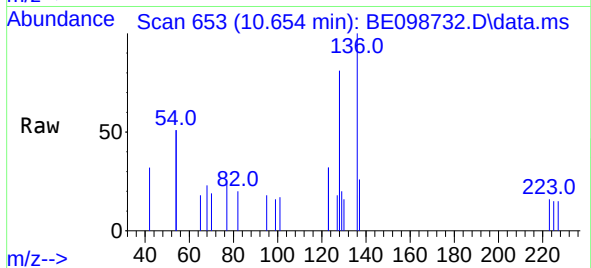




#9
Naphthalene
Concen: 0.02 ng
RT: 10.654 min Scan# 653
Delta R.T. 0.001 min
Lab File: BE098732.D
Acq: 13 Feb 2019 18:04

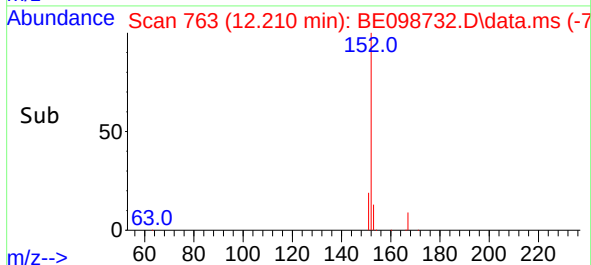
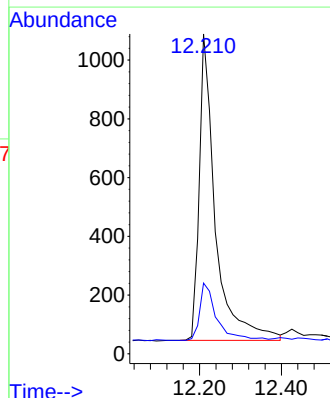
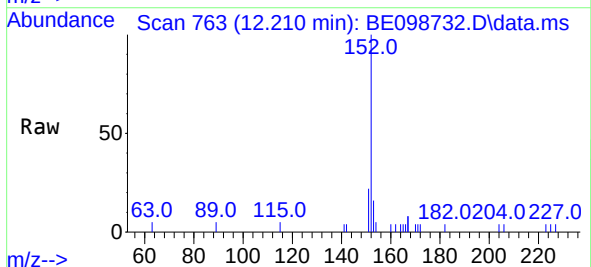
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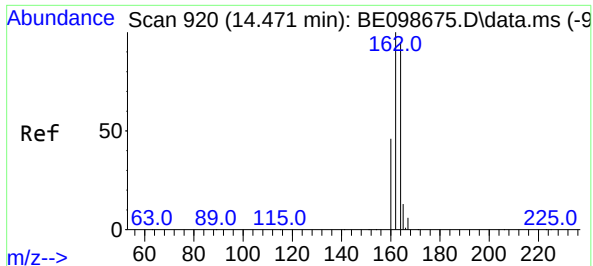
Tgt Ion:	128	Resp:	924
Ion	Ratio	Lower	Upper
128	100		
129	12.6	2.6	3.8#
127	11.1	3.0	4.6#



#11
2-Methylnaphthalene-d10
Concen: 0.39 ng
RT: 12.210 min Scan# 763
Delta R.T. 0.001 min
Lab File: BE098732.D
Acq: 13 Feb 2019 18:04

Tgt Ion:	152	Resp:	2844
Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.4

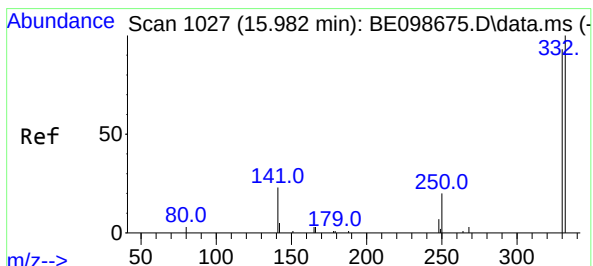
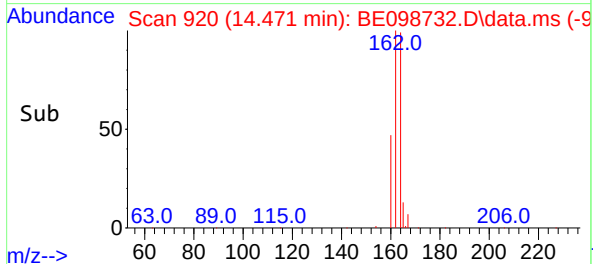
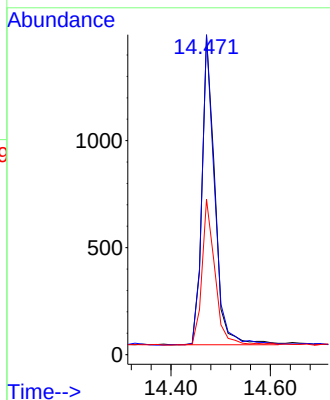
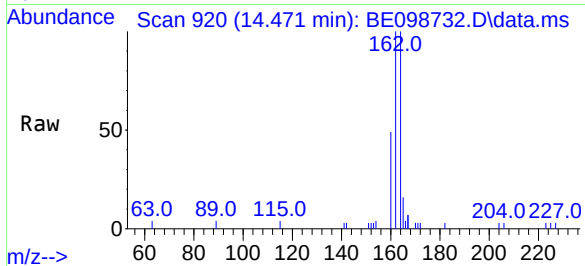




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.471 min Scan# 920
Delta R.T. 0.000 min
Lab File: BE098732.D
Acq: 13 Feb 2019 18:04

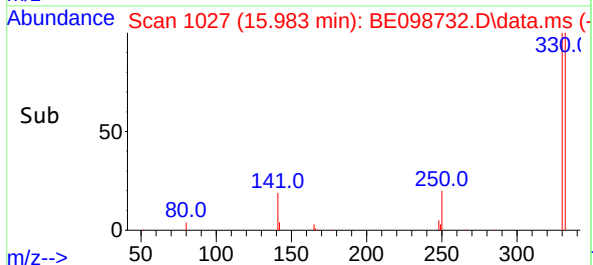
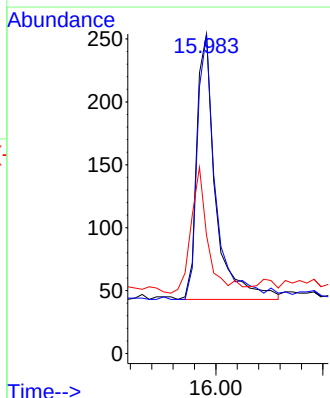
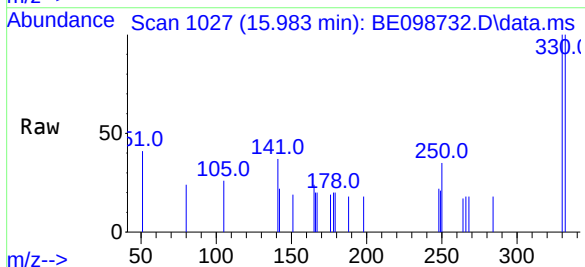
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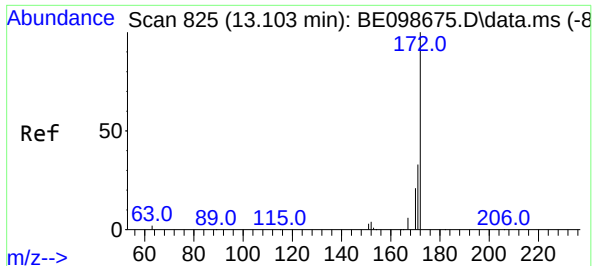
Tgt Ion:164 Resp: 2604
Ion Ratio Lower Upper
164 100
162 100.3 80.5 120.7
160 48.7 40.1 60.1



#14
2,4,6-Tribromophenol
Concen: 0.45 ng
RT: 15.983 min Scan# 1027
Delta R.T. 0.001 min
Lab File: BE098732.D
Acq: 13 Feb 2019 18:04

Tgt Ion:330 Resp: 516
Ion Ratio Lower Upper
330 100
332 97.3 73.3 109.9
141 43.8 33.1 49.7

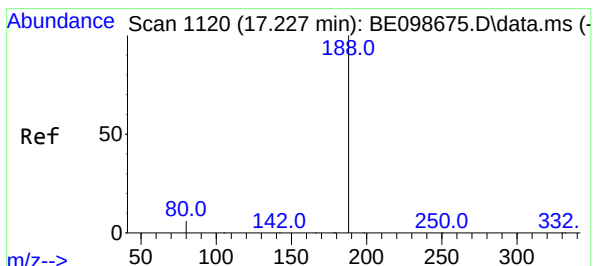
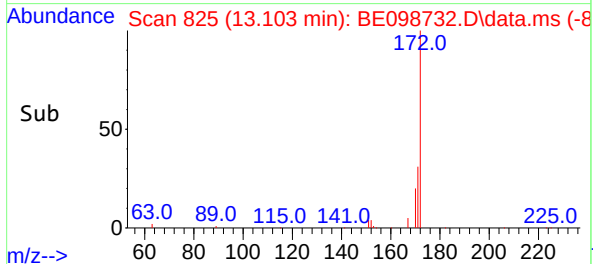
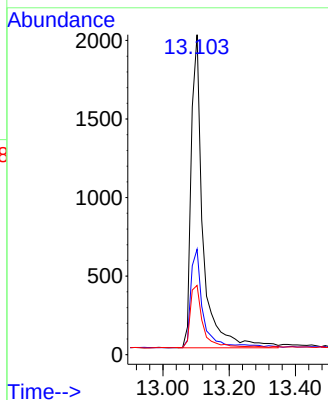
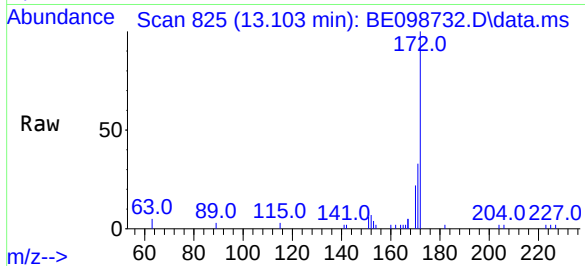




#15
2-Fluorobiphenyl
Concen: 0.45 ng
RT: 13.103 min Scan# 825
Delta R.T. -0.000 min
Lab File: BE098732.D
Acq: 13 Feb 2019 18:04

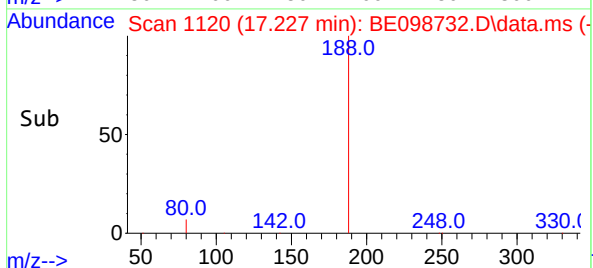
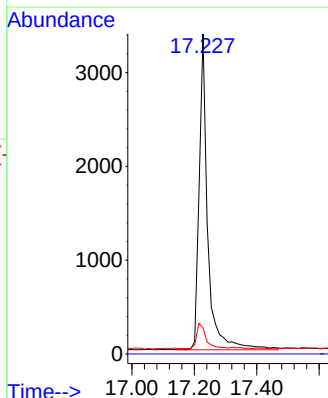
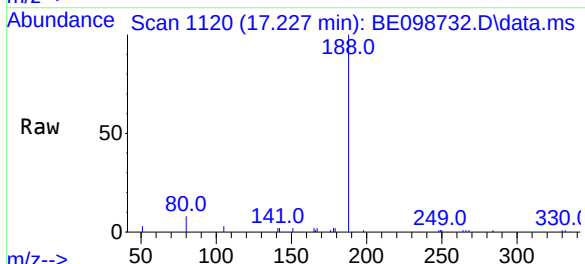
Instrument :
BNA_E
ClientSampleId :
M2-TI-02(POST-GAC)

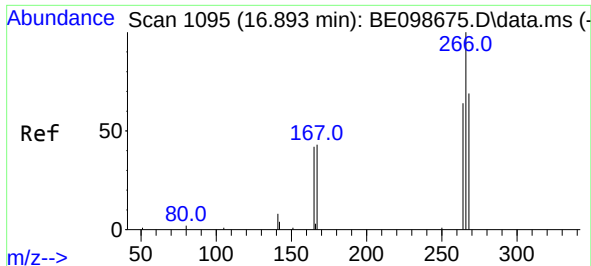
Tgt Ion:	172	Resp:	4972
Ion	Ratio	Lower	Upper
172	100		
171	32.9	29.0	43.4
170	21.6	20.8	31.2



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.227 min Scan# 1120
Delta R.T. 0.000 min
Lab File: BE098732.D
Acq: 13 Feb 2019 18:04

Tgt Ion:	188	Resp:	6424
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.2	4.7	7.1#

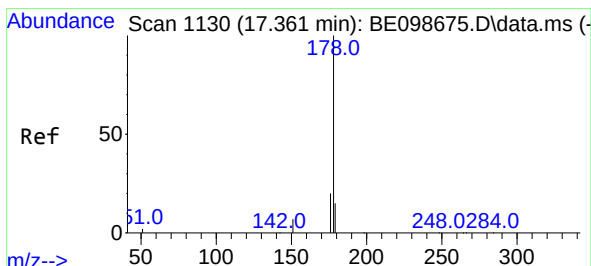
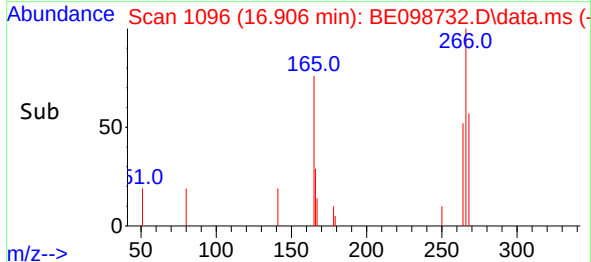
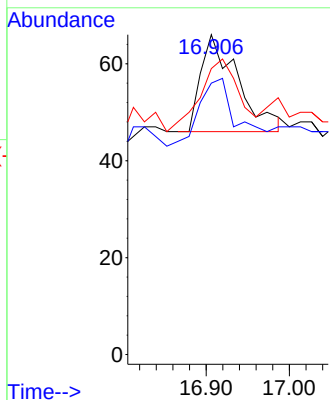
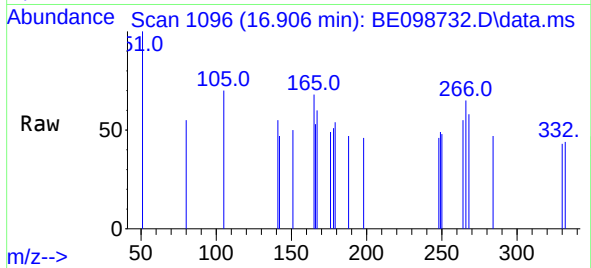




#22
Pentachlorophenol
Concen: 0.05 ng
RT: 16.906 min Scan# 1096
Delta R.T. 0.013 min
Lab File: BE098732.D
Acq: 13 Feb 2019 18:04

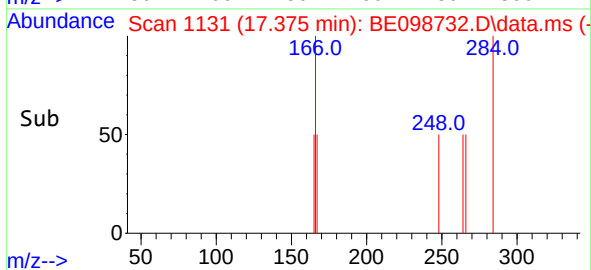
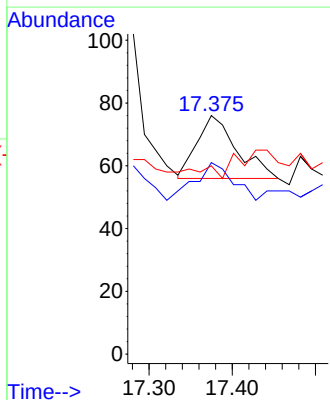
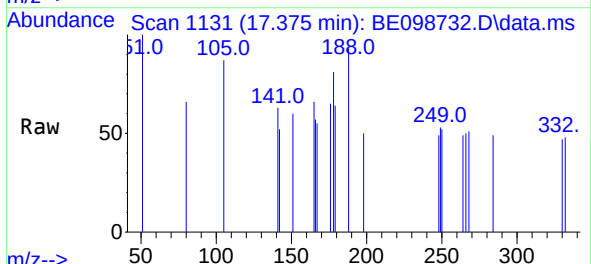
Instrument :
BNA_E
ClientSampleId :
M2-TI-02(POST-GAC)

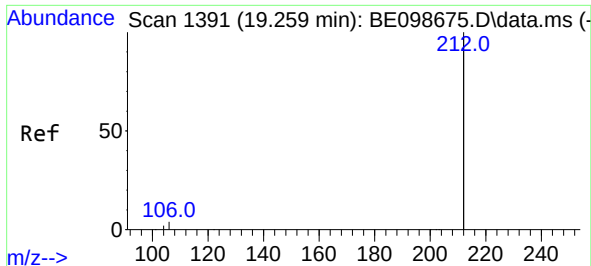
Tgt Ion:266 Resp: 62
Ion Ratio Lower Upper
266 100
264 84.8 53.7 80.5#
268 89.4 59.8 89.8



#24
Anthracene
Concen: 0.07 ng
RT: 17.375 min Scan# 1131
Delta R.T. 0.014 min
Lab File: BE098732.D
Acq: 13 Feb 2019 18:04

Tgt Ion:178 Resp: 66
Ion Ratio Lower Upper
178 100
176 57.6 14.9 22.3#
179 0.0 11.8 17.8#

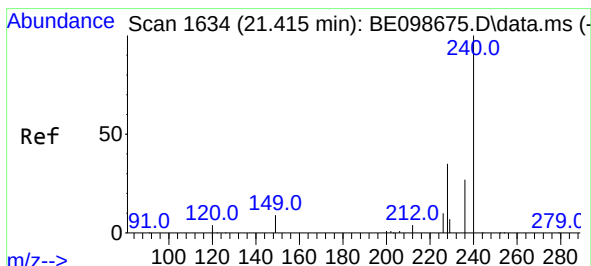
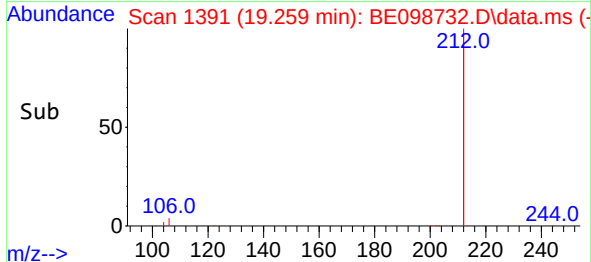
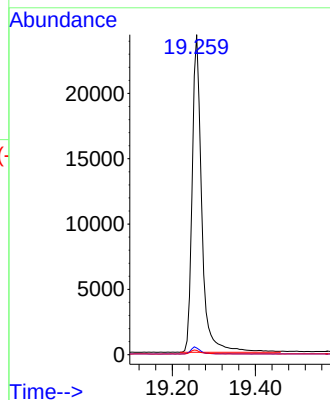
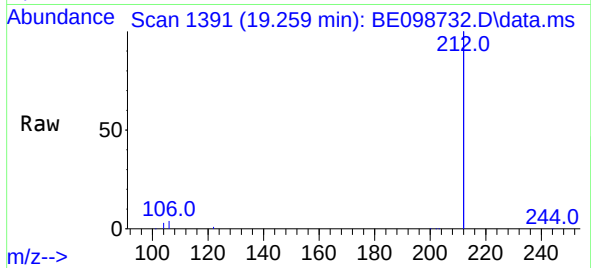




#25
Fluoranthene-d10
Concen: 0.43 ng
RT: 19.259 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BE098732.D
Acq: 13 Feb 2019 18:04

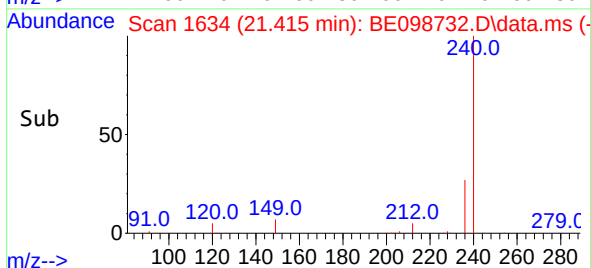
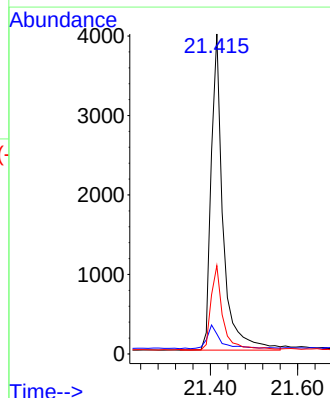
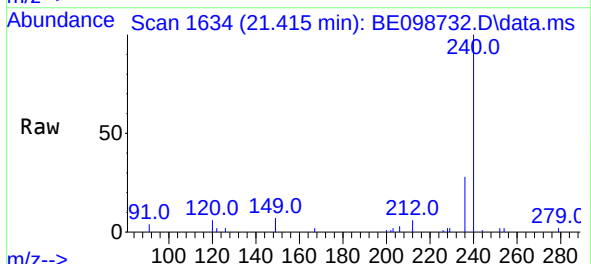
Instrument :
BNA_E
ClientSampleId :
M2-TI-02(POST-GAC)

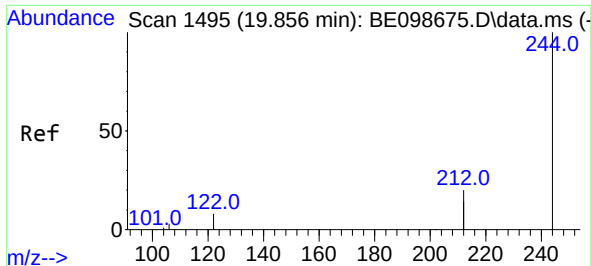
Tgt Ion:	212	Resp:	39024
Ion Ratio	Lower	Upper	
212	100		
106	2.1	1.7	2.5
104	1.3	1.0	1.6



#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.415 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BE098732.D
Acq: 13 Feb 2019 18:04

Tgt Ion:	240	Resp:	7519
Ion Ratio	Lower	Upper	
240	100		
120	6.3	4.7	7.1
236	27.6	21.9	32.9

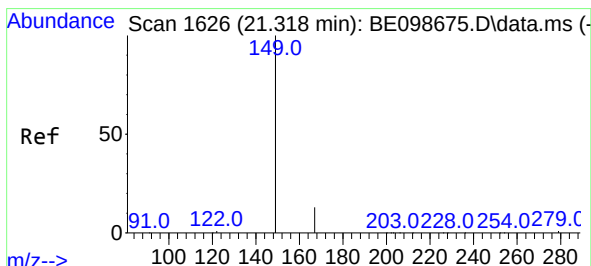
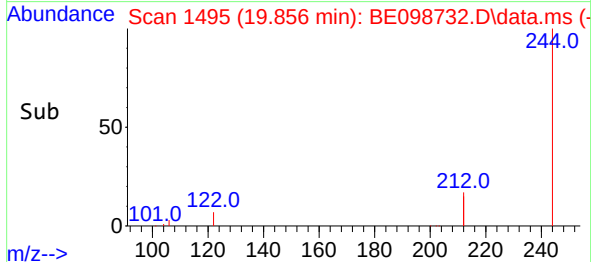
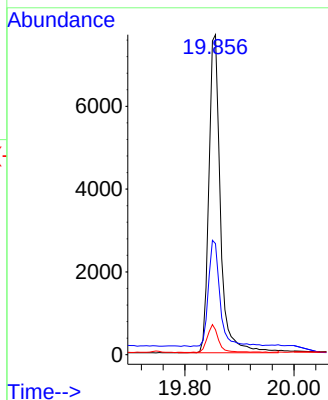
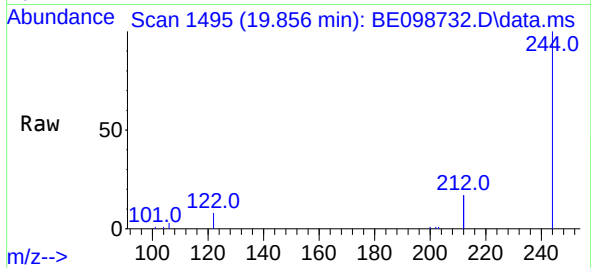




#29
 Terphenyl-d14
 Concen: 0.60 ng
 RT: 19.856 min Scan# 1495
 Delta R.T. -0.000 min
 Lab File: BE098732.D
 Acq: 13 Feb 2019 18:04

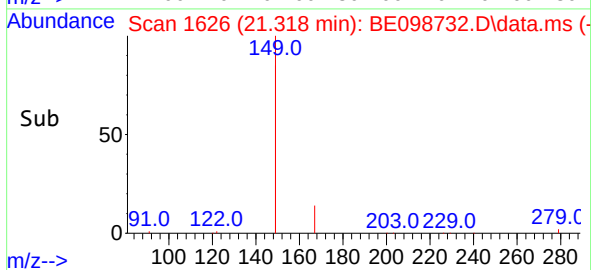
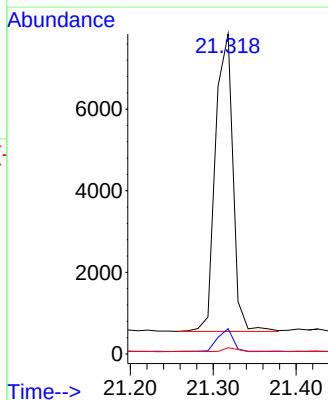
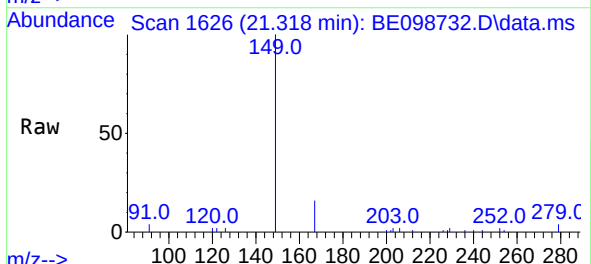
Instrument :
 BNA_E
 ClientSampleId :
 M2-TI-02(POST-GAC)

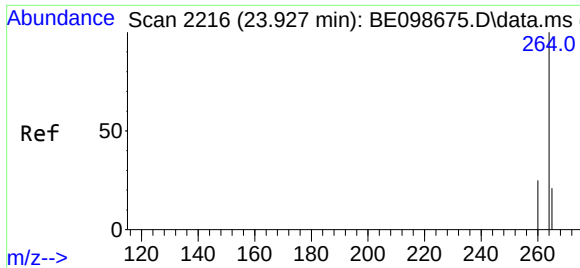
Tgt Ion:244	Resp:	11338
Ion Ratio	Lower	Upper
244	100	
212	34.7	29.4 44.2
122	7.8	7.1 10.7



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.25 ng
 RT: 21.318 min Scan# 1626
 Delta R.T. -0.000 min
 Lab File: BE098732.D
 Acq: 13 Feb 2019 18:04

Tgt Ion:149	Resp:	10671
Ion Ratio	Lower	Upper
149	100	
167	6.9	5.4 8.2
279	1.1	1.0 1.4





#34
Perylene-d12
Concen: 0.40 ng
RT: 23.927 min Scan# 2216
Delta R.T. 0.000 min
Lab File: BE098732.D
Acq: 13 Feb 2019 18:04

Instrument :
BNA_E
ClientSampleId :
M2-TI-02(POST-GAC)

Tgt Ion:	264	Resp:	6792
Ion Ratio	Lower	Upper	
264	100		
260	24.9	20.5	30.7
265	28.6	22.3	33.5

