

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE020119\
 Data File : BE098692.D
 Acq On : 1 Feb 2019 14:17
 Operator : JU/SJ
 Sample : K1281-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SB-15(33.5-34)

Quant Time: Feb 01 15:33:45 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)

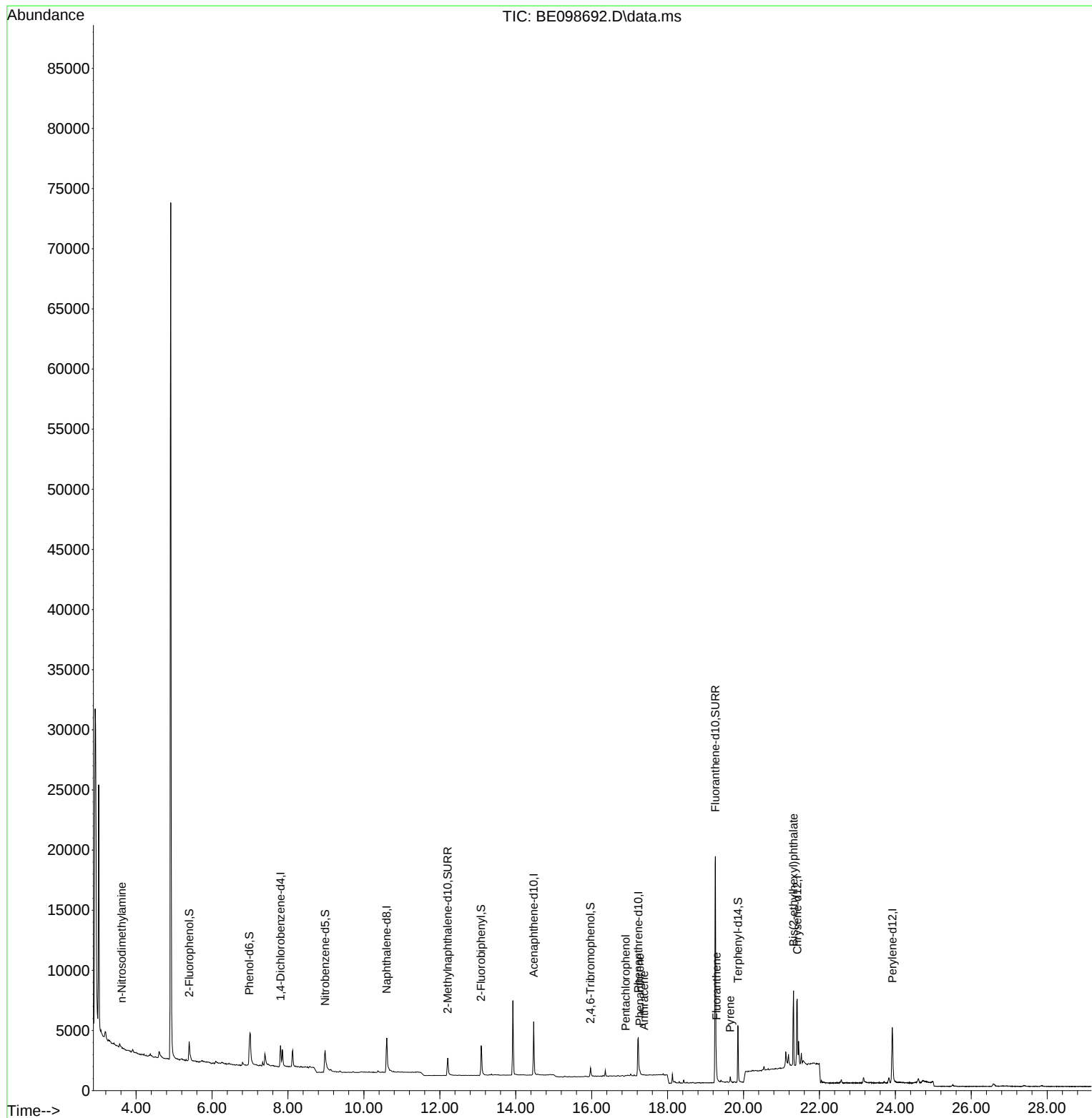
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.803	152	978	0.40	ng	0.00
7) Naphthalene-d8	10.601	136	3861	0.40	ng	# 0.00
13) Acenaphthene-d10	14.471	164	2605	0.40	ng	0.00
19) Phenanthrene-d10	17.228	188	6196	0.40	ng	0.00
27) Chrysene-d12	21.415	240	7417	0.40	ng	0.00
34) Perylene-d12	23.920	264	7174	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.396	112	1075	0.37	ng	0.00
5) Phenol-d6	6.985	99	1659	0.39	ng	-0.01
8) Nitrobenzene-d5	8.977	82	1197	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.209	152	2484	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.970	330	465	0.40	ng	-0.01
15) 2-Fluorobiphenyl	13.088	172	3148	0.28	ng	-0.02
25) Fluoranthene-d10	19.259	212	27901	0.32	ng	0.00
29) Terphenyl-d14	19.856	244	4508	0.24	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.323	88	79	Below Cal	#	11
3) n-Nitrosodimethylamine	3.622	42	48	0.07 ng	#	37
22) Pentachlorophenol	16.894	266	55	0.05 ng	#	83
23) Phenanthrene	17.268	178	471	0.03 ng	#	93
24) Anthracene	17.375	178	67	0.07 ng	#	66
26) Fluoranthene	19.287	202	555	0.03 ng	#	93
28) Pyrene	19.649	202	508	0.02 ng	#	91
32) Bis(2-ethylhexyl)phtha...	21.318	149	7823	0.19 ng	#	99

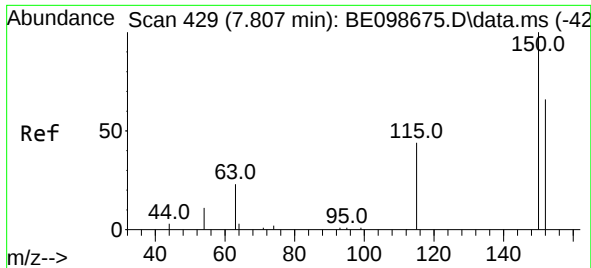
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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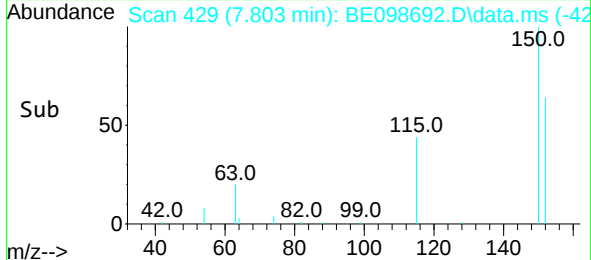
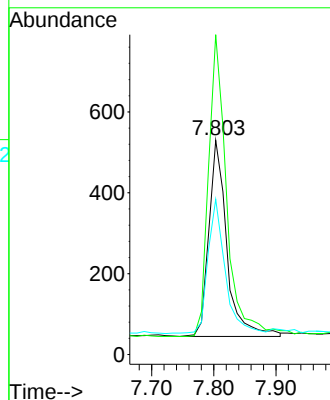
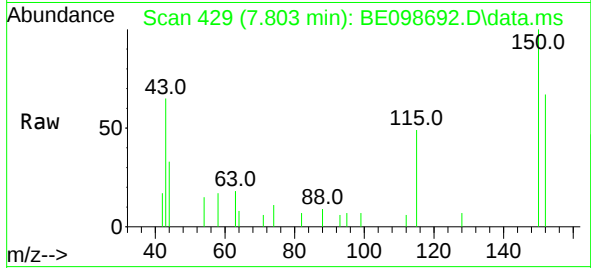




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.803 min Scan# 429
 Delta R.T. -0.004 min
 Lab File: BE098692.D
 Acq: 1 Feb 2019 14:17

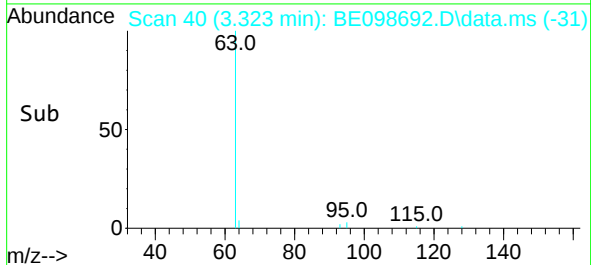
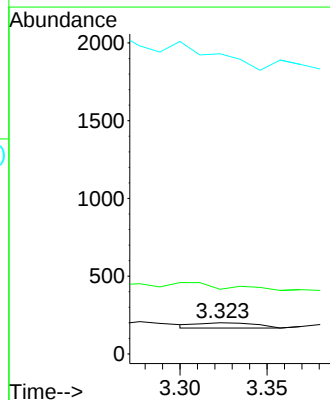
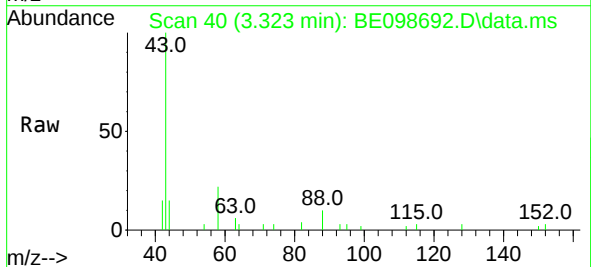
Instrument :
 BNA_E
 ClientSampleId :
 SB-15(33.5-34)

Tgt Ion:152 Resp: 978
 Ion Ratio Lower Upper
 152 100
 150 149.2 121.4 182.2
 115 72.5 59.1 88.7



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.323 min Scan# 40
 Delta R.T. 0.008 min
 Lab File: BE098692.D
 Acq: 1 Feb 2019 14:17

Tgt Ion: 88 Resp: 79
 Ion Ratio Lower Upper
 88 100
 58 0.0 73.9 110.9#
 43 0.0 43.7 65.5#

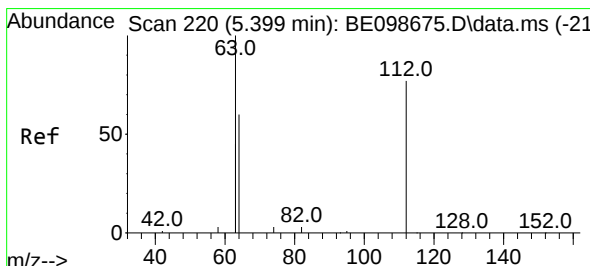
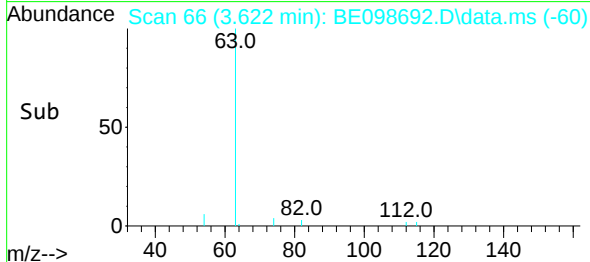
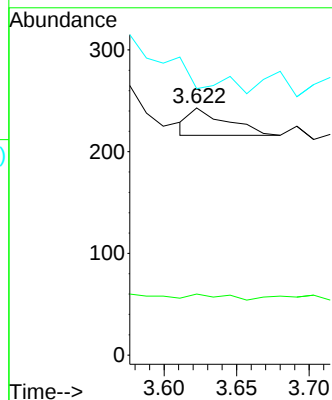
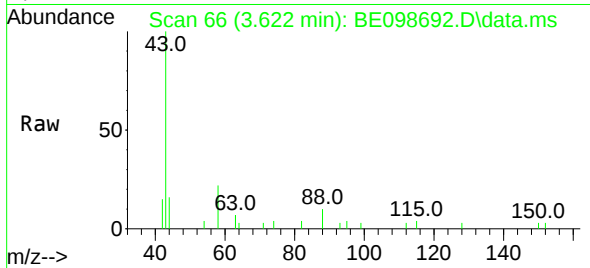




#3
n-Nitrosodimethylamine
Concen: 0.07 ng
RT: 3.622 min Scan# 66
Delta R.T. -0.027 min
Lab File: BE098692.D
Acq: 1 Feb 2019 14:17

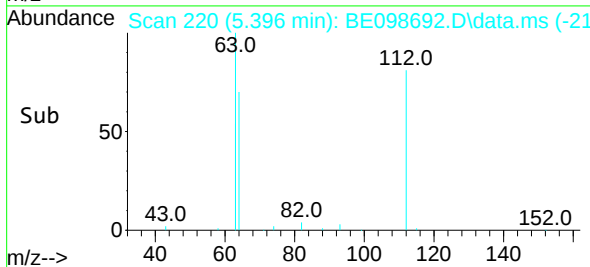
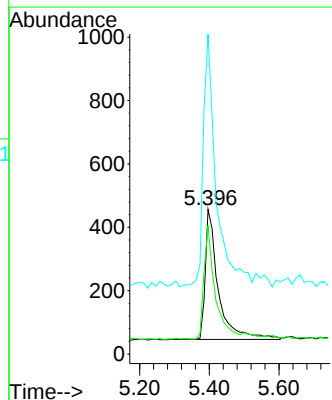
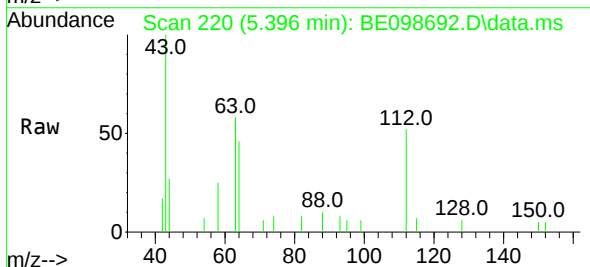
Instrument :
BNA_E
ClientSampleId :
SB-15(33.5-34)

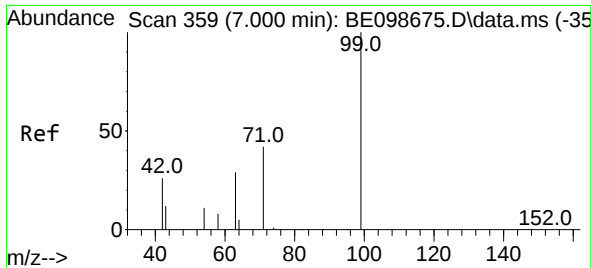
Tgt Ion: 42 Resp: 48
Ion Ratio Lower Upper
42 100
74 20.8 58.9 88.3#
44 0.0 0.0 0.0



#4
2-Fluorophenol
Concen: 0.37 ng
RT: 5.396 min Scan# 220
Delta R.T. -0.003 min
Lab File: BE098692.D
Acq: 1 Feb 2019 14:17

Tgt Ion: 112 Resp: 1075
Ion Ratio Lower Upper
112 100
64 74.6 62.9 94.3
63 184.5 152.2 228.4

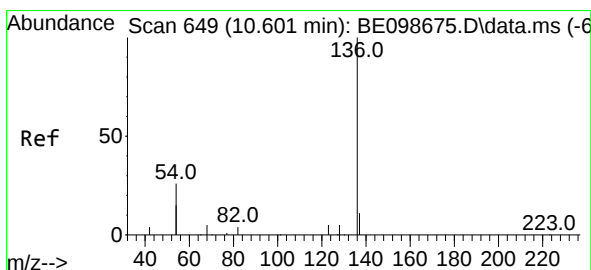
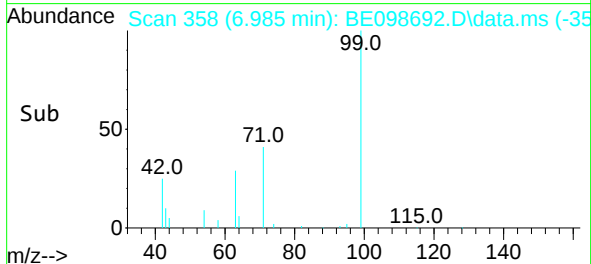
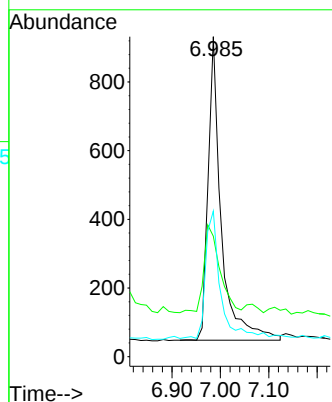
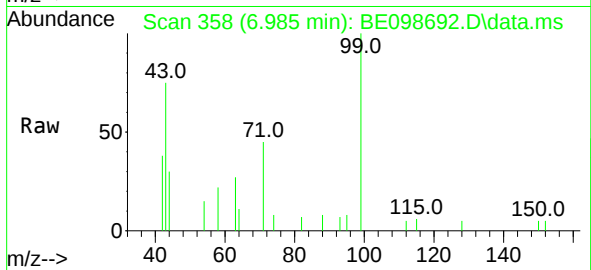




#5
Phenol-d6
Concen: 0.39 ng
RT: 6.985 min Scan# 358
Delta R.T. -0.015 min
Lab File: BE098692.D
Acq: 1 Feb 2019 14:17

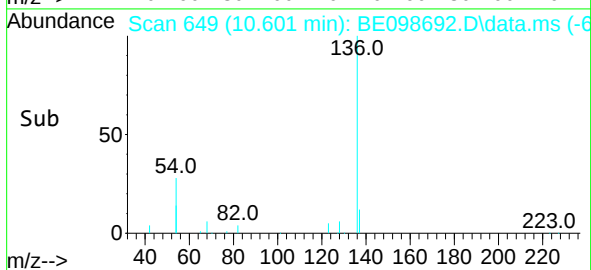
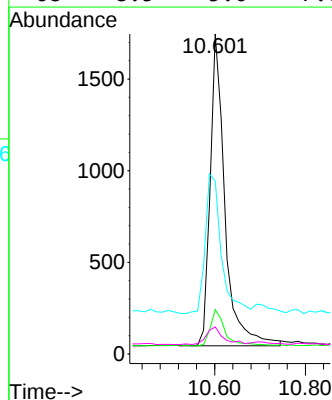
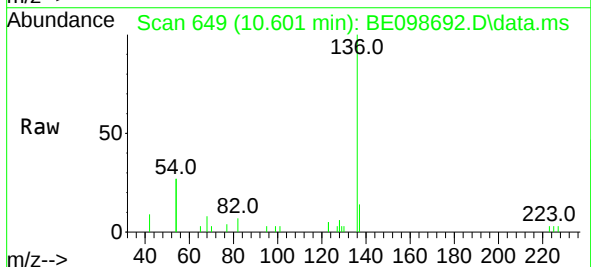
Instrument :
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ClientSampleId :
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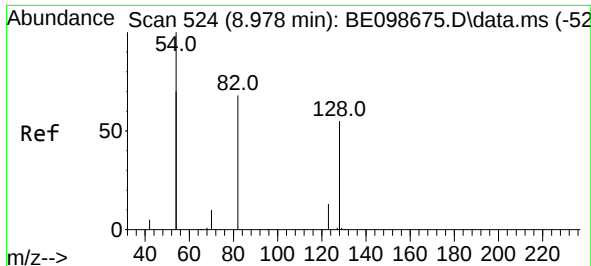
Tgt Ion:	99	Resp:	1659
Ion	Ratio	Lower	Upper
99	100		
42	36.2	24.6	37.0
71	45.8	35.1	52.7



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.601 min Scan# 649
Delta R.T. 0.000 min
Lab File: BE098692.D
Acq: 1 Feb 2019 14:17

Tgt Ion:	136	Resp:	3861
Ion	Ratio	Lower	Upper
136	100		
137	13.9	9.7	14.5
54	54.1	35.5	53.3#
68	8.5	5.0	7.6#

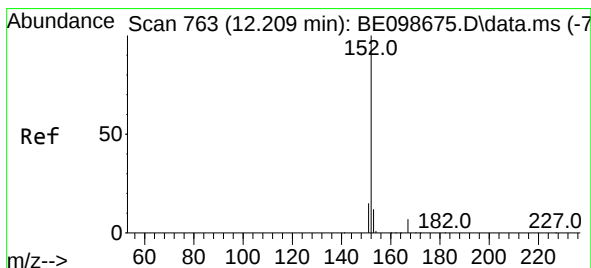
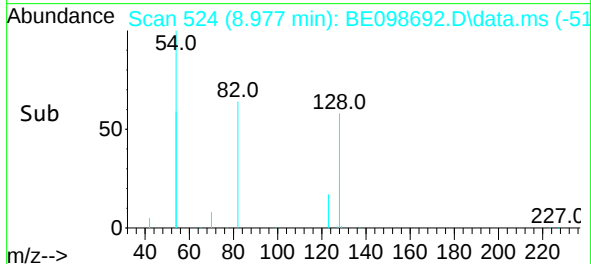
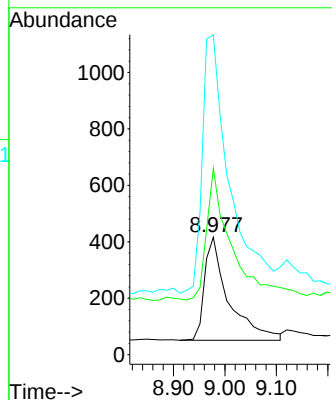
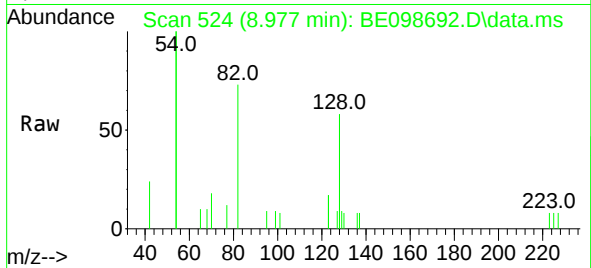




#8
Nitrobenzene-d5
Concen: 0.33 ng
RT: 8.977 min Scan# 524
Delta R.T. -0.001 min
Lab File: BE098692.D
Acq: 1 Feb 2019 14:17

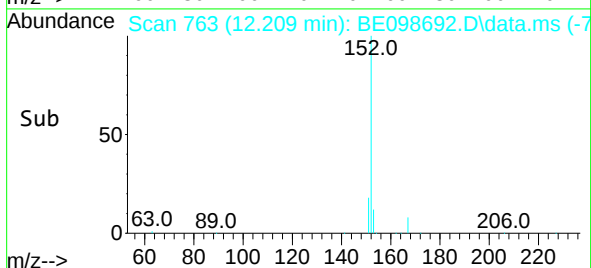
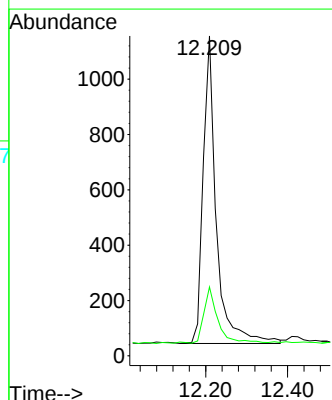
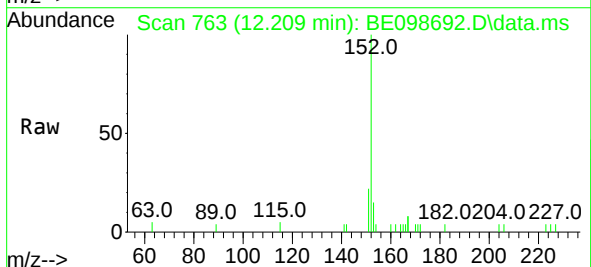
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ClientSampleId :
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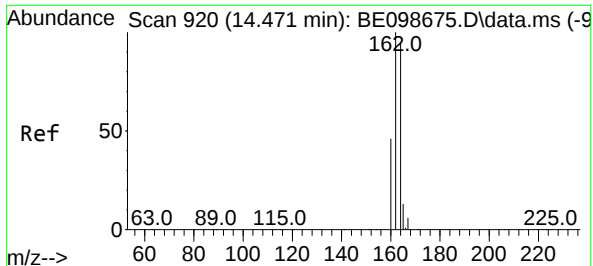
Tgt Ion: 82 Resp: 1197
Ion Ratio Lower Upper
82 100
128 158.7 96.5 144.7#
54 272.6 224.7 337.1



#11
2-Methylnaphthalene-d10
Concen: 0.34 ng
RT: 12.209 min Scan# 763
Delta R.T. -0.000 min
Lab File: BE098692.D
Acq: 1 Feb 2019 14:17

Tgt Ion: 152 Resp: 2484
Ion Ratio Lower Upper
152 100
151 18.2 16.2 24.4

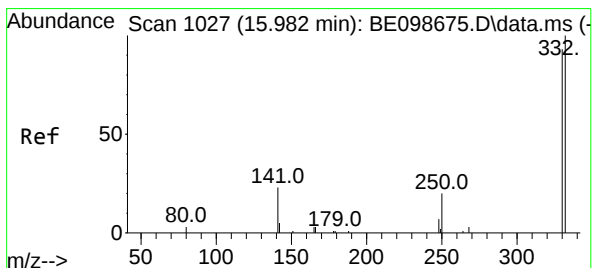
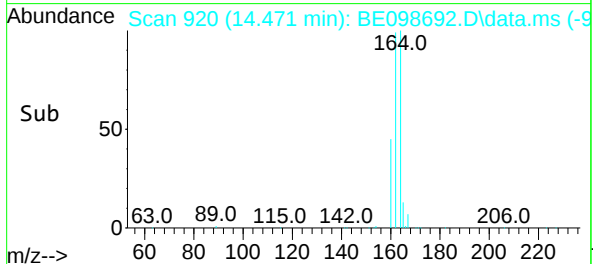
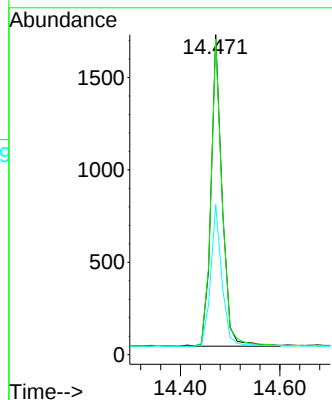
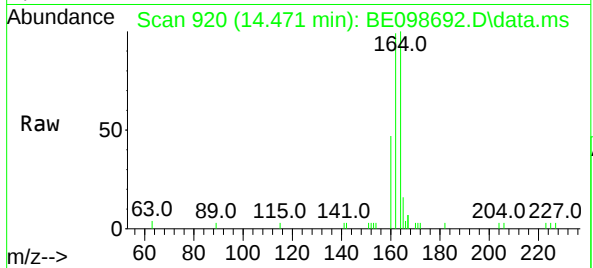




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.471 min Scan# 920
Delta R.T. -0.000 min
Lab File: BE098692.D
Acq: 1 Feb 2019 14:17

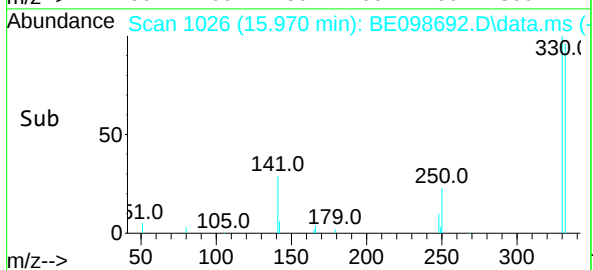
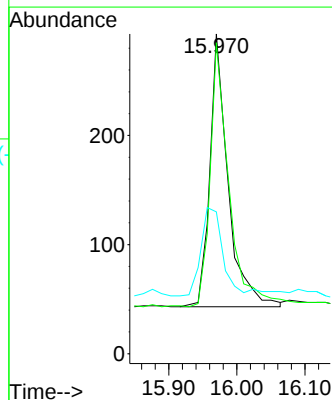
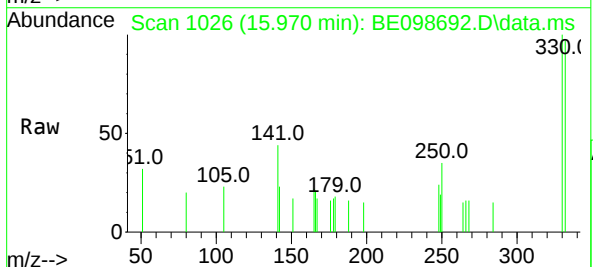
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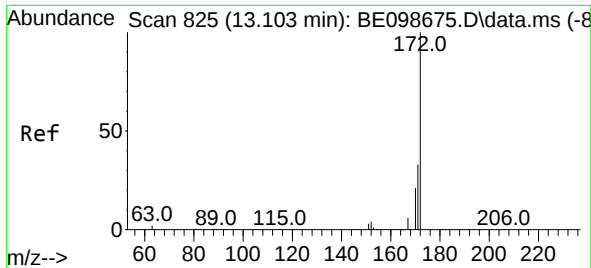
Tgt Ion:164 Resp: 2605
Ion Ratio Lower Upper
164 100
162 98.7 80.5 120.7
160 46.9 40.1 60.1



#14
2,4,6-Tribromophenol
Concen: 0.40 ng
RT: 15.970 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BE098692.D
Acq: 1 Feb 2019 14:17

Tgt Ion:330 Resp: 465
Ion Ratio Lower Upper
330 100
332 101.5 73.3 109.9
141 40.4 33.1 49.7

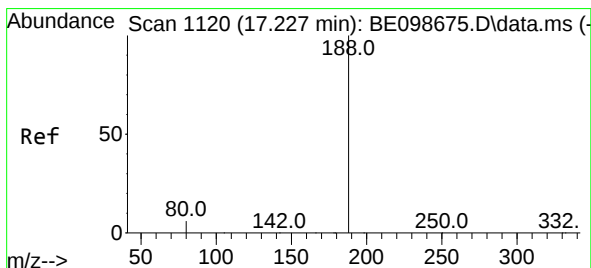
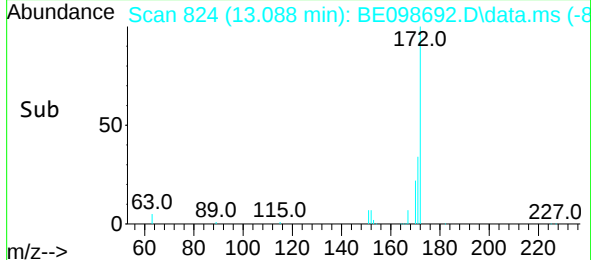
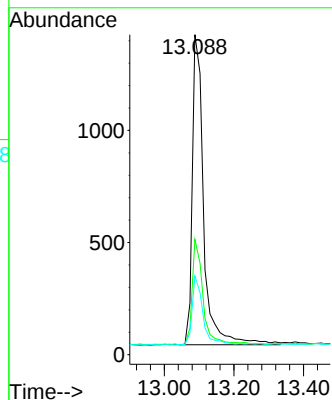
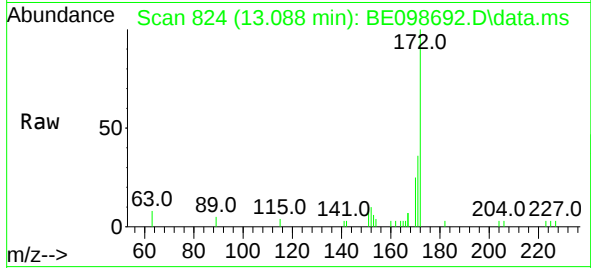




#15
2-Fluorobiphenyl
Concen: 0.28 ng
RT: 13.088 min Scan# 824
Delta R.T. -0.015 min
Lab File: BE098692.D
Acq: 1 Feb 2019 14:17

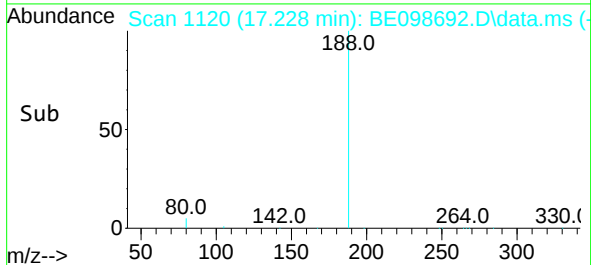
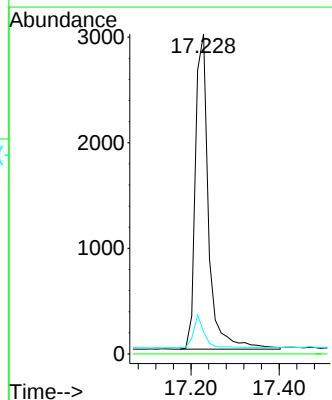
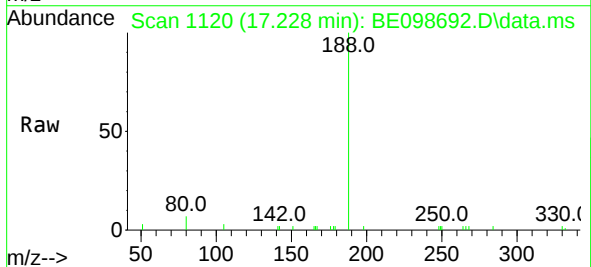
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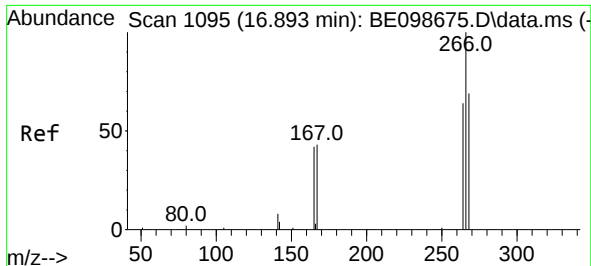
Tgt Ion:172	Resp:	3148
Ion Ratio	Lower	Upper
172	100	
171	36.0	29.0 43.4
170	24.5	20.8 31.2



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.228 min Scan# 1120
Delta R.T. 0.001 min
Lab File: BE098692.D
Acq: 1 Feb 2019 14:17

Tgt Ion:188	Resp:	6196
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	6.9	4.7 7.1

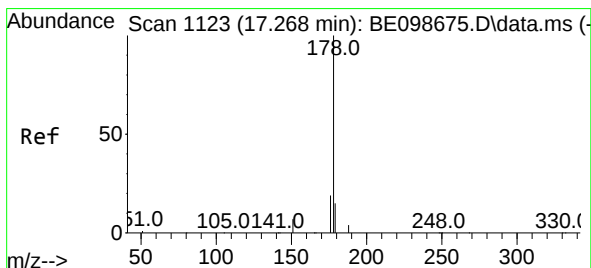
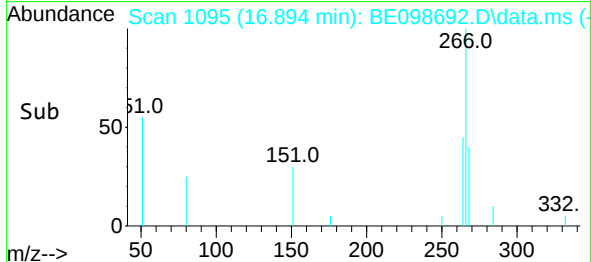
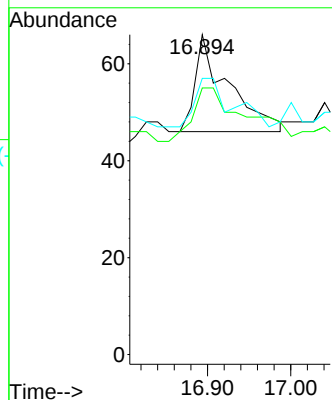
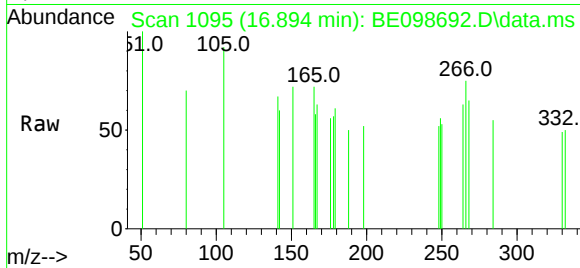




#22
Pentachlorophenol
Concen: 0.05 ng
RT: 16.894 min Scan# 1095
Delta R.T. 0.001 min
Lab File: BE098692.D
Acq: 1 Feb 2019 14:17

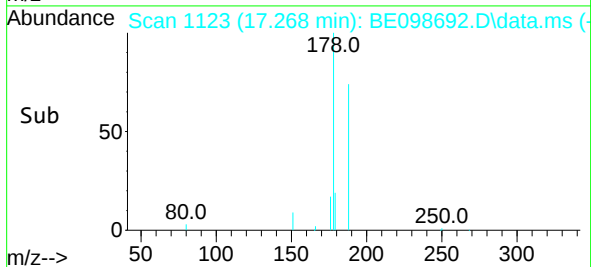
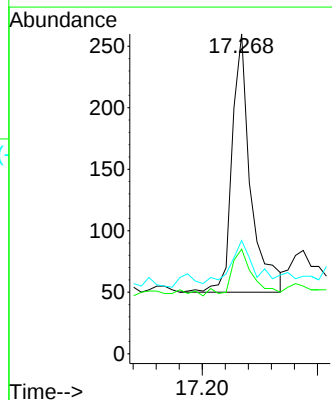
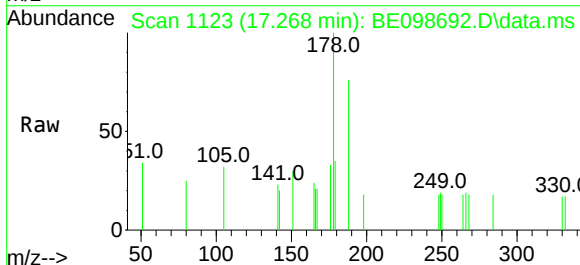
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SB-15(33.5-34)

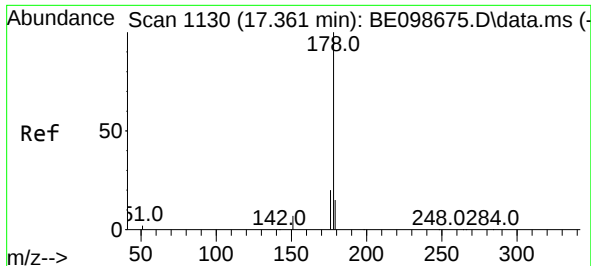
Tgt Ion:266 Resp: 55
Ion Ratio Lower Upper
266 100
264 83.3 53.7 80.5#
268 86.4 59.8 89.8



#23
Phenanthrene
Concen: 0.03 ng
RT: 17.268 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BE098692.D
Acq: 1 Feb 2019 14:17

Tgt Ion:178 Resp: 471
Ion Ratio Lower Upper
178 100
176 21.4 15.9 23.9
179 20.6 12.2 18.4#

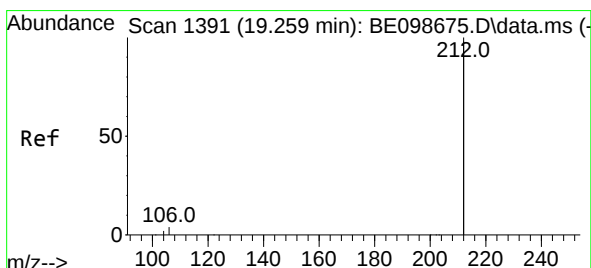
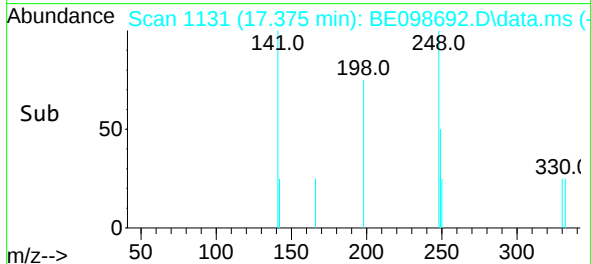
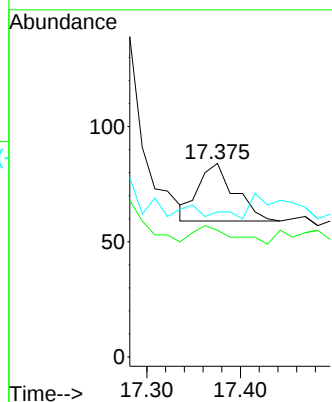
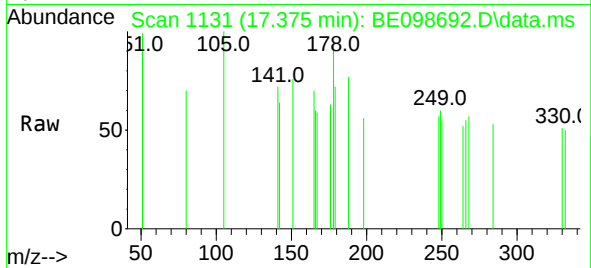




#24
 Anthracene
 Concen: 0.07 ng
 RT: 17.375 min Scan# 1131
 Delta R.T. 0.014 min
 Lab File: BE098692.D
 Acq: 1 Feb 2019 14:17

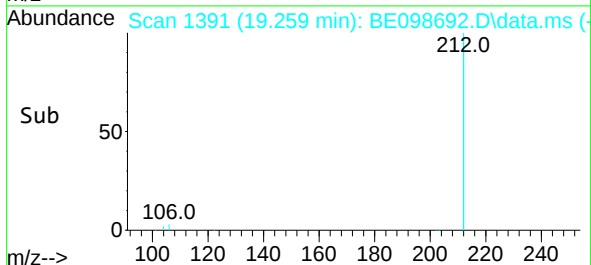
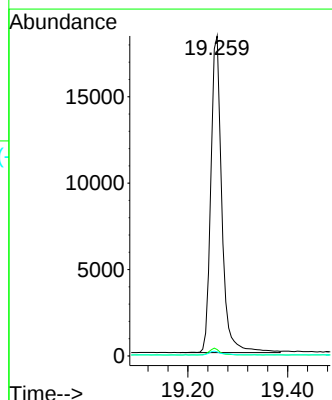
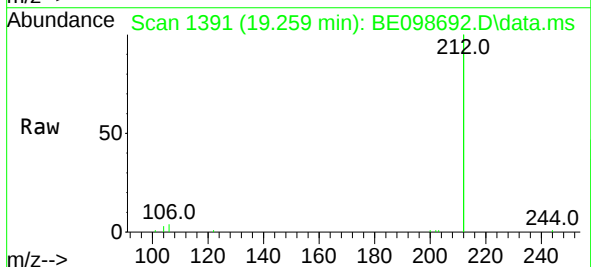
Instrument :
 BNA_E
 ClientSampleId :
 SB-15(33.5-34)

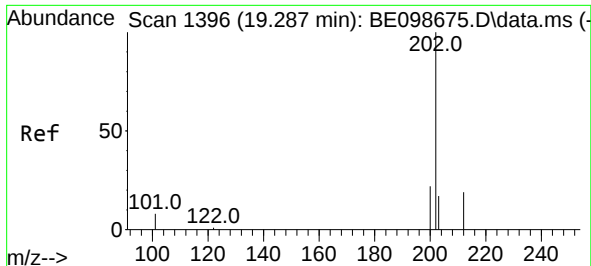
Tgt Ion:178 Resp: 67
 Ion Ratio Lower Upper
 178 100
 176 32.8 14.9 22.3#
 179 0.0 11.8 17.8#



#25
 Fluoranthene-d10
 Concen: 0.32 ng
 RT: 19.259 min Scan# 1391
 Delta R.T. -0.000 min
 Lab File: BE098692.D
 Acq: 1 Feb 2019 14:17

Tgt Ion:212 Resp: 27901
 Ion Ratio Lower Upper
 212 100
 106 2.0 1.7 2.5
 104 1.4 1.0 1.6

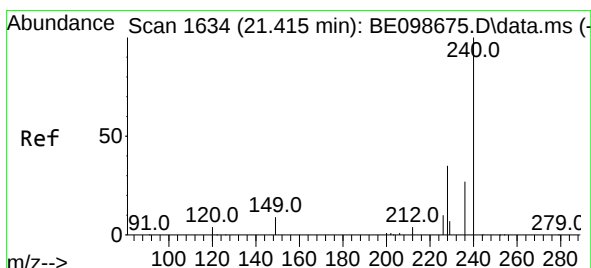
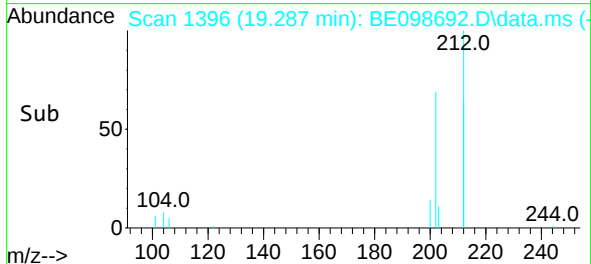
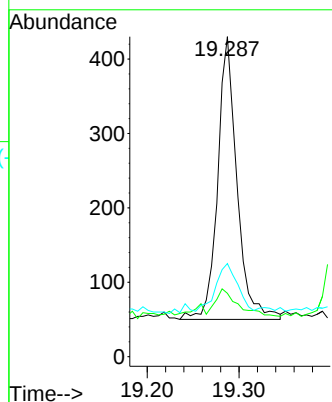
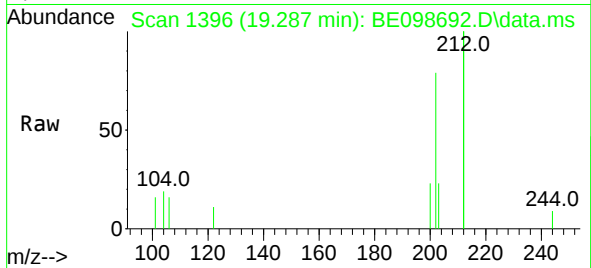




#26
Fluoranthene
Concen: 0.03 ng
RT: 19.287 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BE098692.D
Acq: 1 Feb 2019 14:17

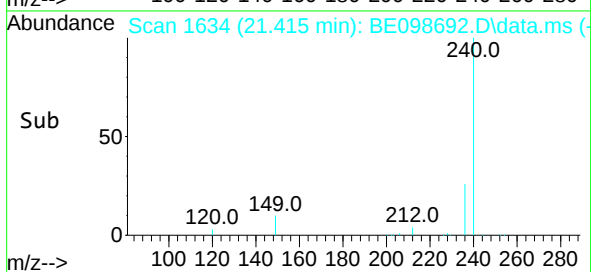
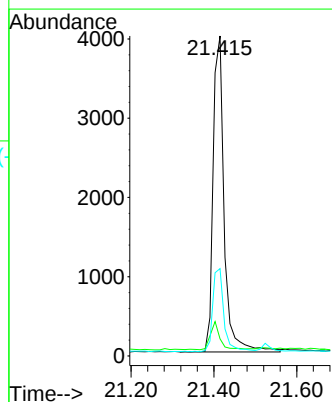
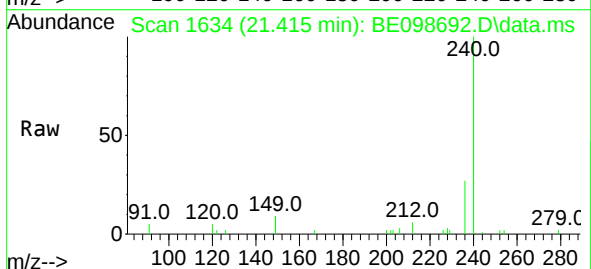
Instrument :
BNA_E
ClientSampleId :
SB-15(33.5-34)

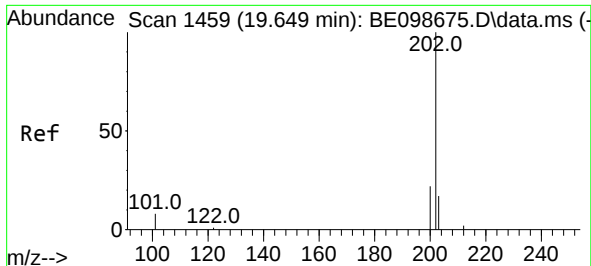
Tgt Ion:202 Resp: 555
Ion Ratio Lower Upper
202 100
101 11.0 6.7 10.1#
203 19.5 13.3 19.9



#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.415 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BE098692.D
Acq: 1 Feb 2019 14:17

Tgt Ion:240 Resp: 7417
Ion Ratio Lower Upper
240 100
120 5.4 4.7 7.1
236 27.3 21.9 32.9

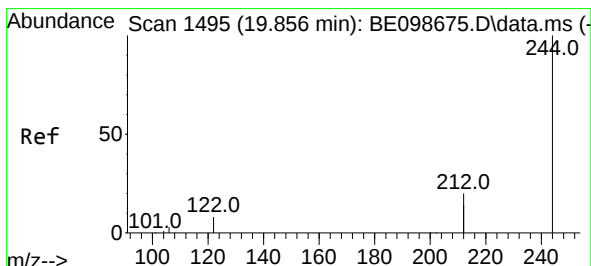
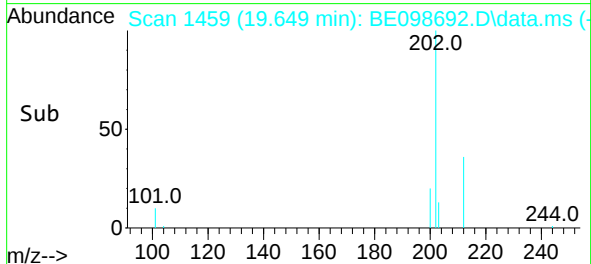
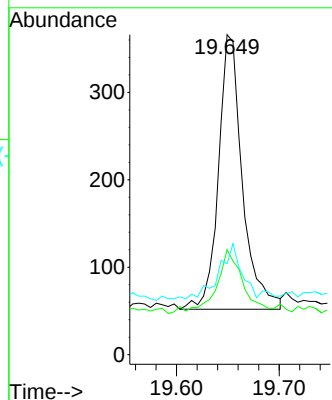
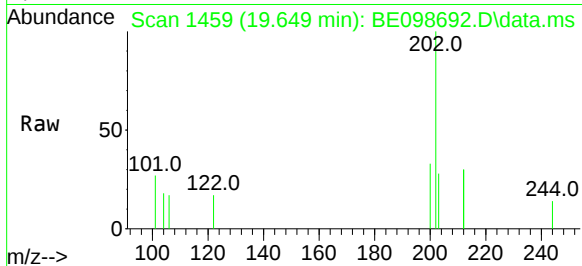




#28
Pyrene
Concen: 0.02 ng
RT: 19.649 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BE098692.D
Acq: 1 Feb 2019 14:17

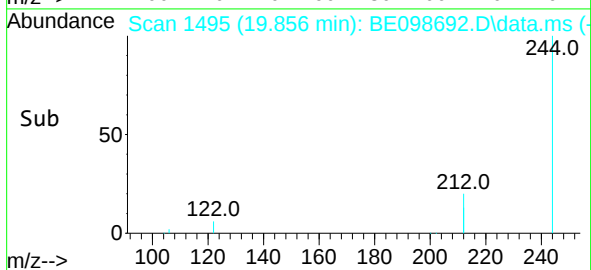
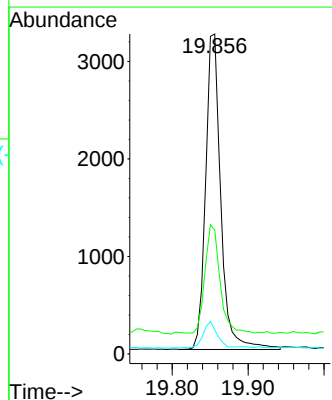
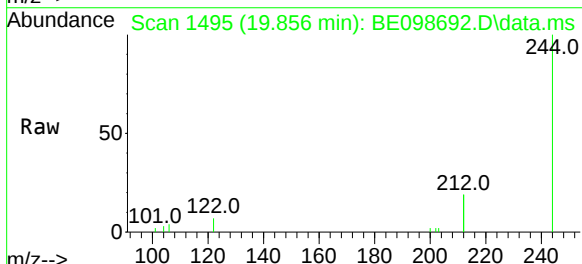
Instrument :
BNA_E
ClientSampleId :
SB-15(33.5-34)

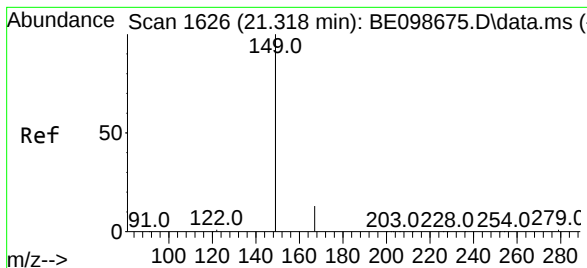
Tgt Ion:202 Resp: 508
Ion Ratio Lower Upper
202 100
200 26.4 17.0 25.6#
203 19.9 13.8 20.8



#29
Terphenyl-d14
Concen: 0.24 ng
RT: 19.856 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BE098692.D
Acq: 1 Feb 2019 14:17

Tgt Ion:244 Resp: 4508
Ion Ratio Lower Upper
244 100
212 38.8 29.4 44.2
122 7.5 7.1 10.7

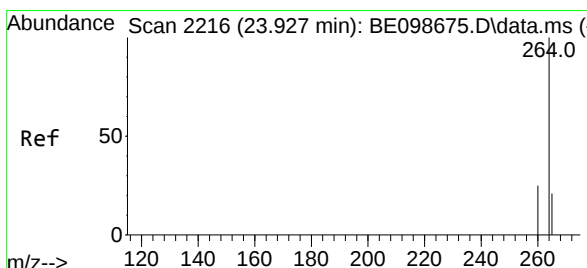
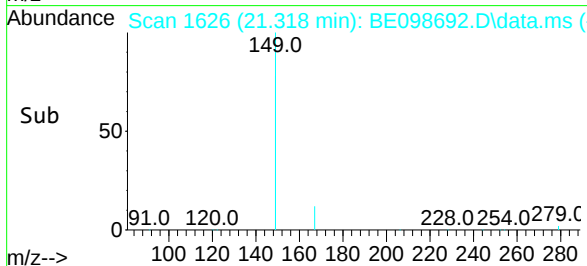
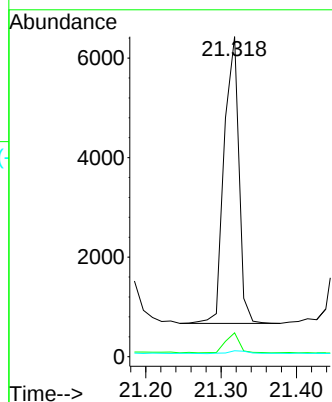
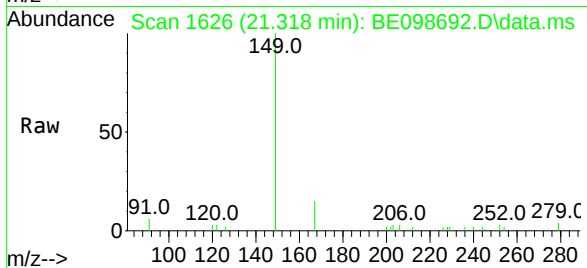




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.19 ng
 RT: 21.318 min Scan# 1626
 Delta R.T. -0.000 min
 Lab File: BE098692.D
 Acq: 1 Feb 2019 14:17

Instrument :
 BNA_E
 ClientSampleId :
 SB-15(33.5-34)

Tgt Ion:149 Resp: 7823
 Ion Ratio Lower Upper
 149 100
 167 6.4 5.4 8.2
 279 1.5 1.0 1.4#



#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.920 min Scan# 2214
 Delta R.T. -0.007 min
 Lab File: BE098692.D
 Acq: 1 Feb 2019 14:17

Tgt Ion:264 Resp: 7174
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.5 30.7
 265 27.1 22.3 33.5

