

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
 Data File : BP008267.D
 Acq On : 08 Dec 2021 00:36
 Operator : CG/JU
 Sample : M4947-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 355-994

Quant Time: Dec 08 01:12:44 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 03 14:39:24 2021
 Response via : Initial Calibration

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

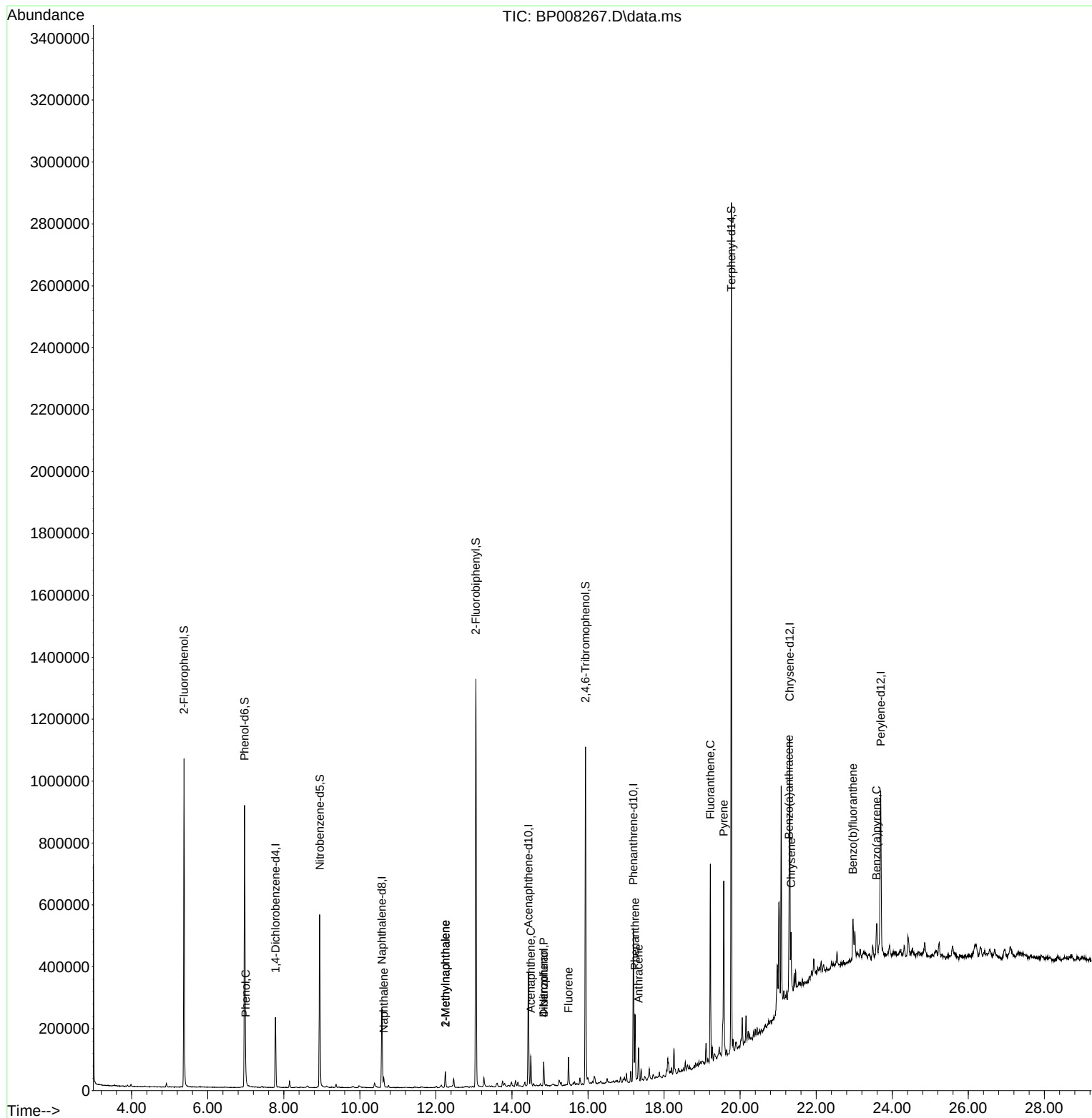
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	57247	20.000	ng	-0.02
21) Naphthalene-d8	10.581	136	204014	20.000	ng	-0.02
39) Acenaphthene-d10	14.434	164	129101	20.000	ng	-0.01
64) Phenanthrene-d10	17.192	188	291430	20.000	ng	-0.02
76) Chrysene-d12	21.304	240	369447	20.000	ng	-0.01
86) Perylene-d12	23.698	264	422657	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	410801	115.539	ng	-0.01
7) Phenol-d6	6.969	99	509846	106.225	ng	-0.02
23) Nitrobenzene-d5	8.946	82	345313	76.968	ng	-0.02
42) 2,4,6-Tribromophenol	15.934	330	205385	124.466	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	680667	76.583	ng	-0.02
79) Terphenyl-d14	19.769	244	1214307	68.692	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.905	77	126	Below Cal	#	21
10) Phenol	6.999	94	11107	2.252	ng	# 79
31) Naphthalene	10.628	128	22679	2.170	ng	98
37) 2-Methylnaphthalene	12.251	142	23816	3.222	ng	99
38) 1-Methylnaphthalene	12.251	142	23816	3.310	ng	94
52) Acenaphthene	14.498	154	32532	4.783	ng	96
55) Dibenzofuran	14.834	168	46115	3.968	ng	99
56) 4-Nitrophenol	14.834	139	18162	11.621	ng	# 2
58) Fluorene	15.487	166	36890	3.907	ng	94
71) Phenanthrene	17.234	178	128878	8.376	ng	98
72) Anthracene	17.328	178	59502	3.897	ng	98
75) Fluoranthene	19.216	202	351853	16.975	ng	98
78) Pyrene	19.569	202	342124	12.854	ng	99
81) Benzo(a)anthracene	21.286	228	122278	4.994	ng	97
83) Chrysene	21.339	228	107671	4.621	ng	96
88) Benzo(b)fluoranthene	22.969	252	104466	4.100	ng	# 91
90) Benzo(a)pyrene	23.586	252	60754	2.790	ng	# 91

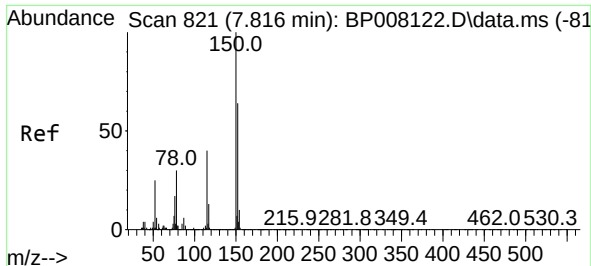
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 03 14:39:24 2021
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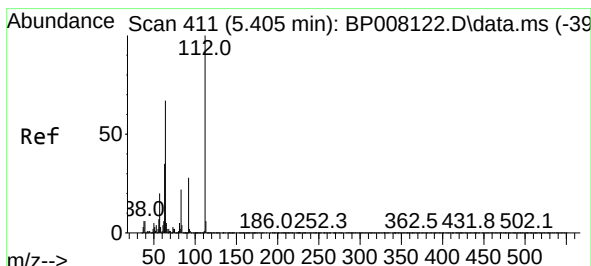
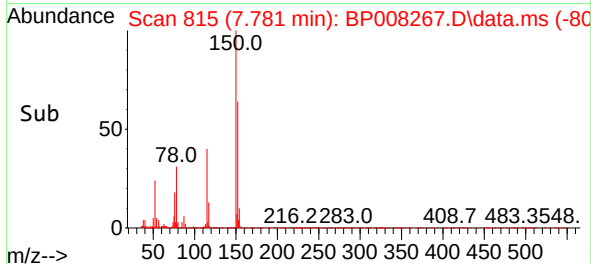
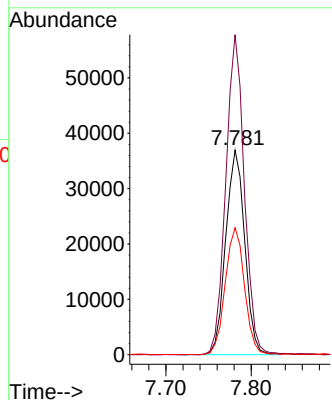
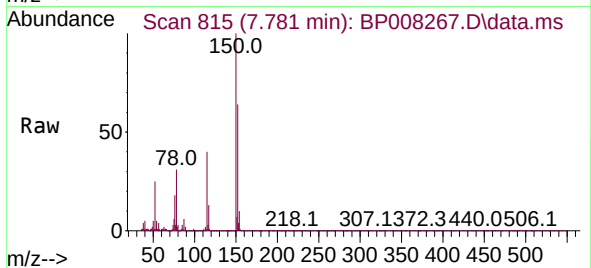




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP008267.D
Acq: 08 Dec 2021 00:36

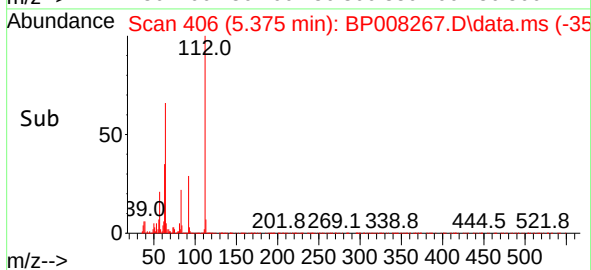
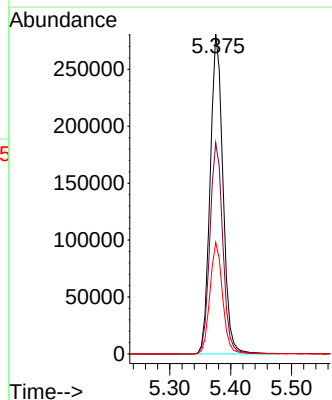
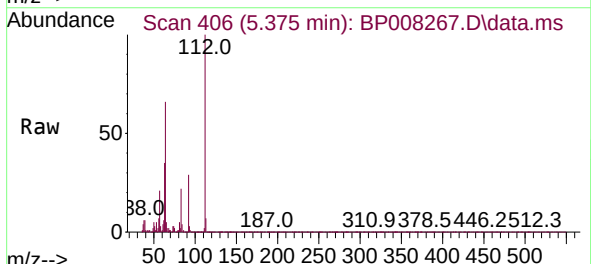
Instrument :
BNA_P
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355-994

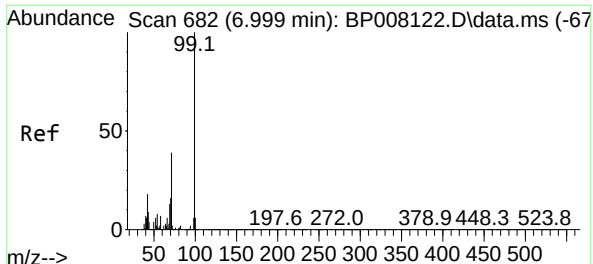
Tgt Ion:152 Resp: 57247
Ion Ratio Lower Upper
152 100
150 156.5 125.7 188.5
115 62.0 50.7 76.1



#5
2-Fluorophenol
Concen: 115.539 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.012 min
Lab File: BP008267.D
Acq: 08 Dec 2021 00:36

Tgt Ion:112 Resp: 410801
Ion Ratio Lower Upper
112 100
64 66.0 53.4 80.2
63 34.9 27.8 41.8

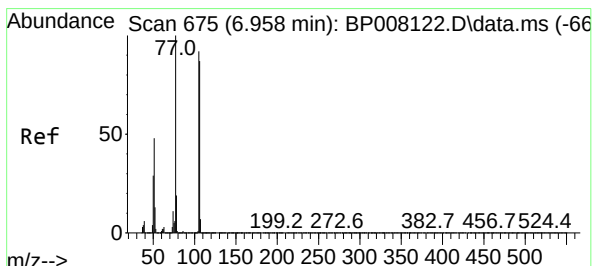
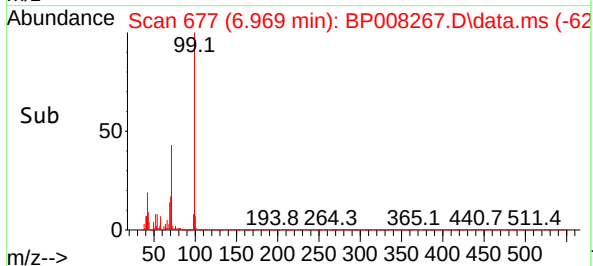
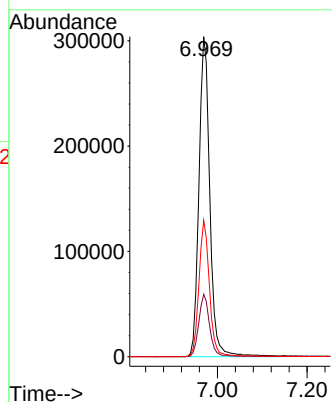
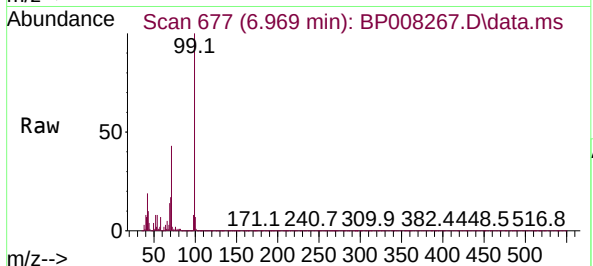




#7
Phenol-d6
Concen: 106.225 ng
RT: 6.969 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP008267.D
Acq: 08 Dec 2021 00:36

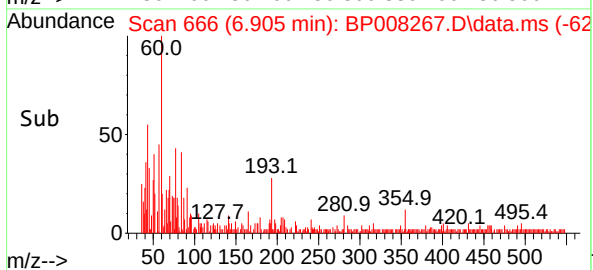
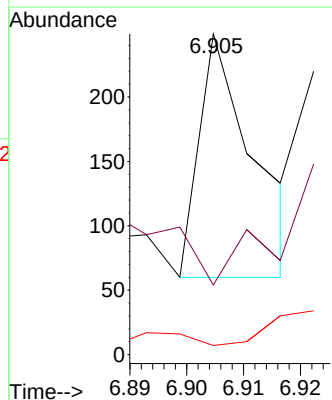
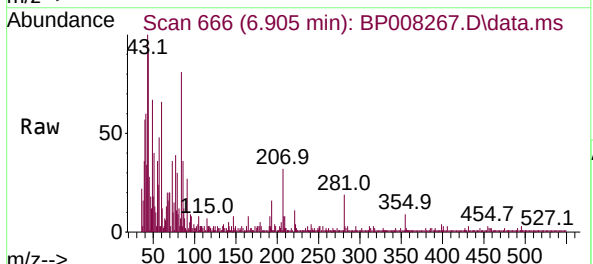
Instrument :
BNA_P
ClientSampleId :
355-994

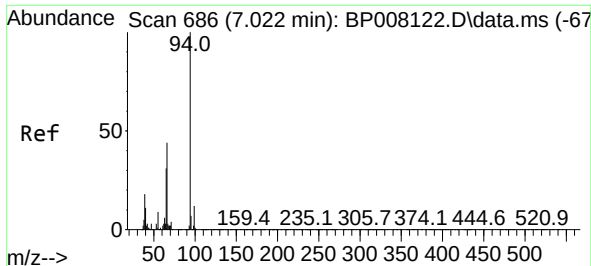
Tgt Ion: 99 Resp: 509846
Ion Ratio Lower Upper
99 100
42 19.5 14.6 22.0
71 42.5 31.1 46.7



#9
Benzaldehyde
Concen: Below Cal
RT: 6.905 min Scan# 666
Delta R.T. -0.035 min
Lab File: BP008267.D
Acq: 08 Dec 2021 00:36

Tgt Ion: 77 Resp: 126
Ion Ratio Lower Upper
77 100
105 21.7 71.8 111.8#
106 9.6 67.3 107.3#

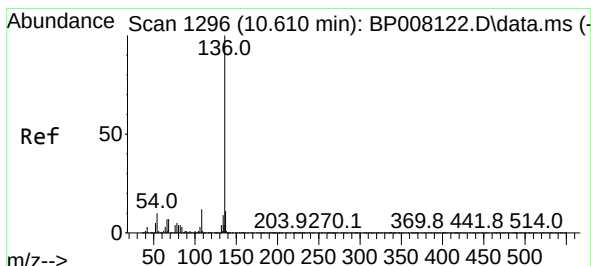
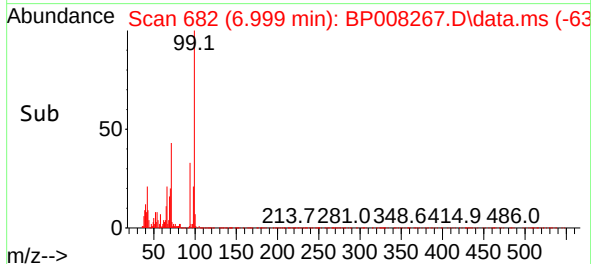
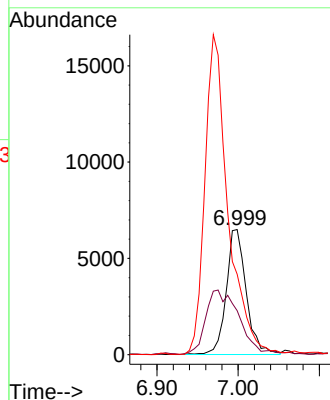
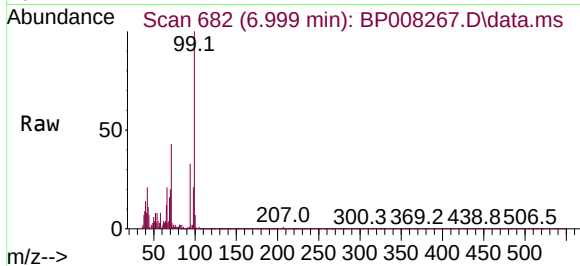




#10
Phenol
Concen: 2.252 ng
RT: 6.999 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008267.D
Acq: 08 Dec 2021 00:36

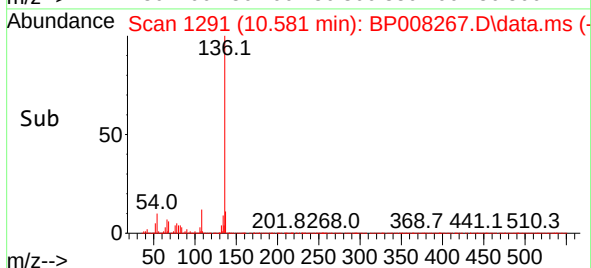
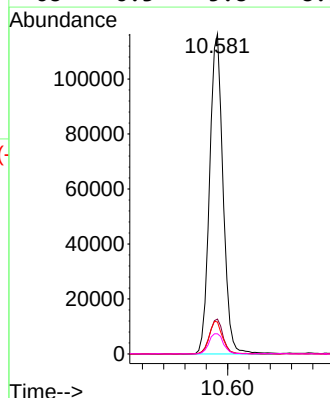
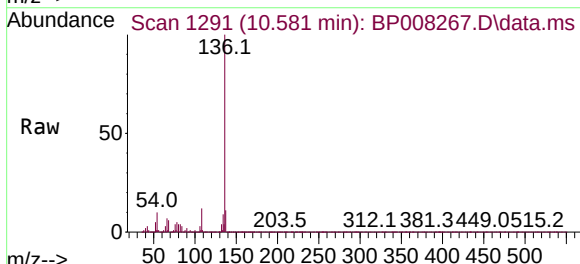
Instrument :
BNA_P
ClientSampleId :
355-994

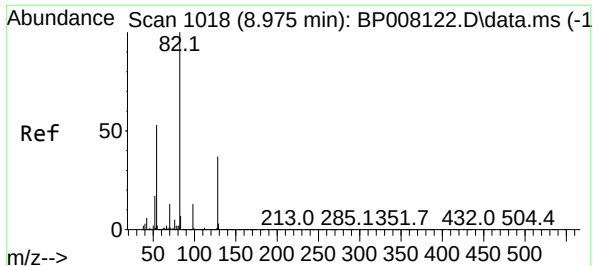
Tgt Ion: 94 Resp: 11107
Ion Ratio Lower Upper
94 100
65 35.1 10.9 50.9
66 64.4 24.3 64.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1291
Delta R.T. -0.018 min
Lab File: BP008267.D
Acq: 08 Dec 2021 00:36

Tgt Ion:136 Resp: 204014
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 10.0 8.2 12.4
68 6.3 5.8 8.8

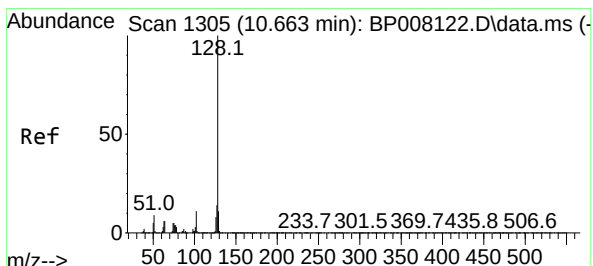
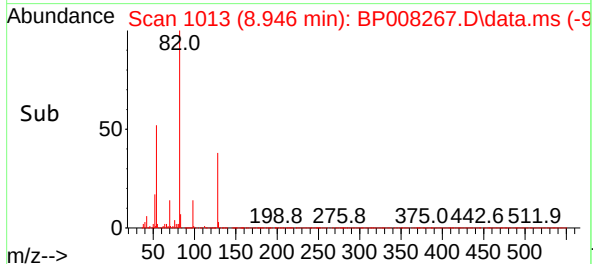
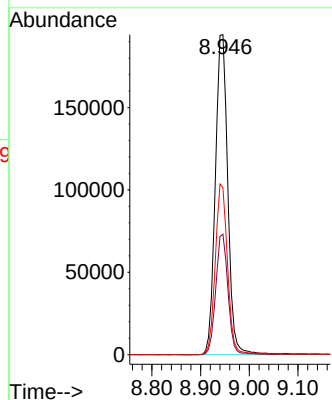
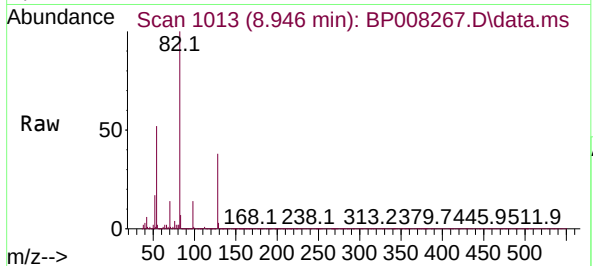




#23
Nitrobenzene-d5
Concen: 76.968 ng
RT: 8.946 min Scan# 1013
Delta R.T. -0.018 min
Lab File: BP008267.D
Acq: 08 Dec 2021 00:36

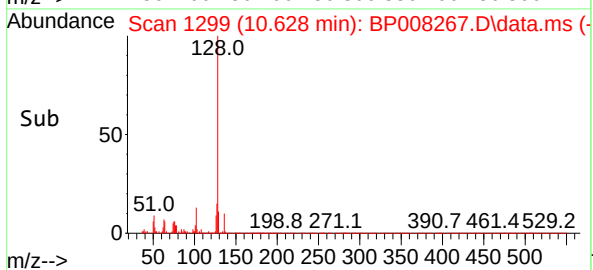
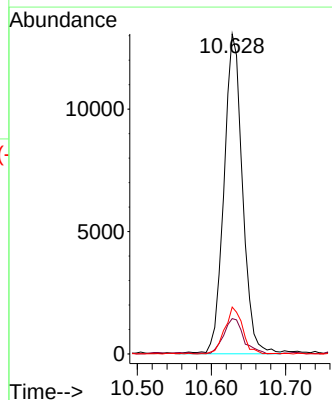
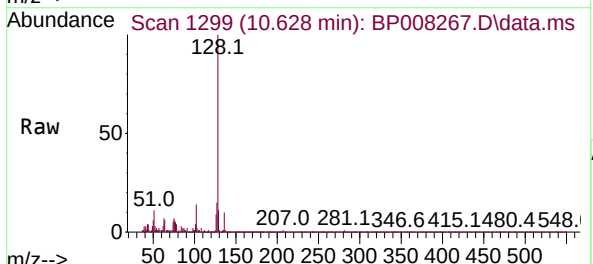
Instrument :
BNA_P
ClientSampleId :
355-994

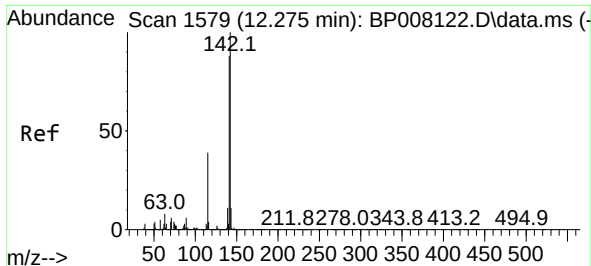
Tgt Ion: 82 Resp: 345313
Ion Ratio Lower Upper
82 100
128 37.6 29.6 44.4
54 52.2 42.7 64.1



#31
Naphthalene
Concen: 2.170 ng
RT: 10.628 min Scan# 1299
Delta R.T. -0.018 min
Lab File: BP008267.D
Acq: 08 Dec 2021 00:36

Tgt Ion: 128 Resp: 22679
Ion Ratio Lower Upper
128 100
129 11.1 8.5 12.7
127 14.6 10.9 16.3

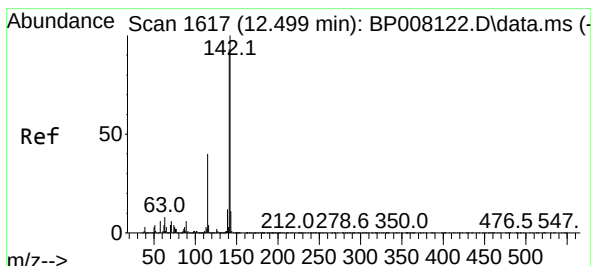
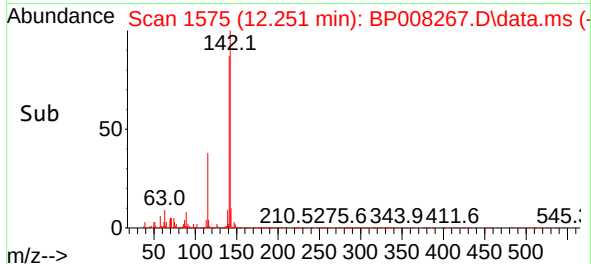
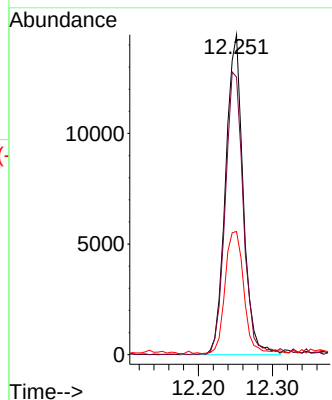
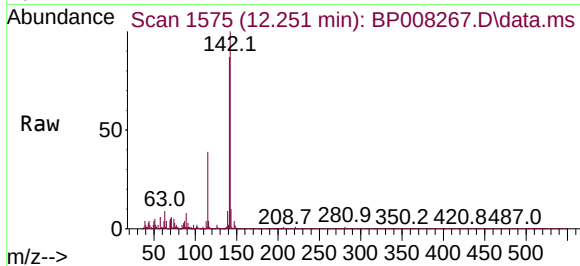




#37
2-Methylnaphthalene
Concen: 3.222 ng
RT: 12.251 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BP008267.D
Acq: 08 Dec 2021 00:36

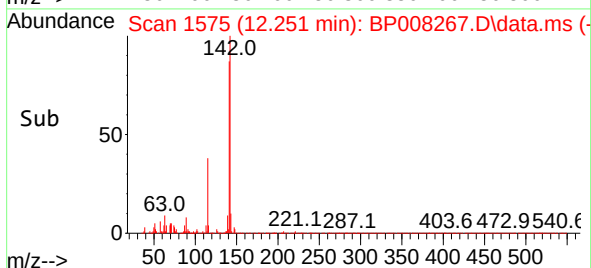
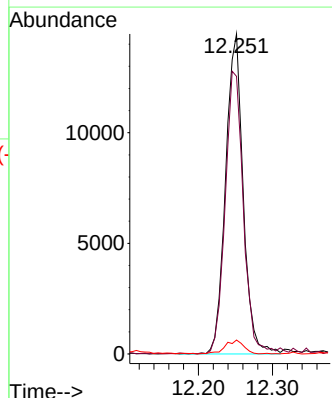
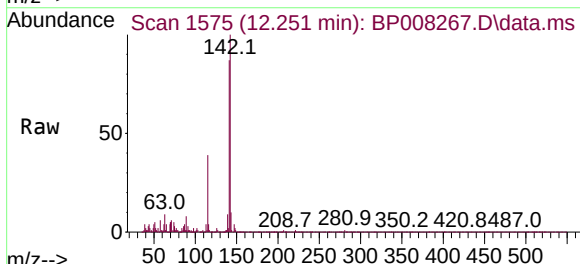
Instrument :
BNA_P
ClientSampleId :
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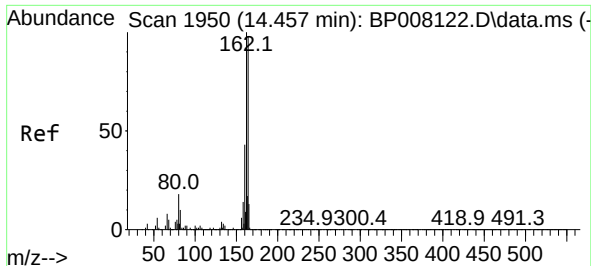
Tgt Ion:142 Resp: 23816
Ion Ratio Lower Upper
142 100
141 86.8 70.7 106.1
115 38.5 30.9 46.3



#38
1-Methylnaphthalene
Concen: 3.310 ng
RT: 12.251 min Scan# 1575
Delta R.T. -0.229 min
Lab File: BP008267.D
Acq: 08 Dec 2021 00:36

Tgt Ion:142 Resp: 23816
Ion Ratio Lower Upper
142 100
141 86.8 74.2 111.4
116 4.3 3.4 5.2

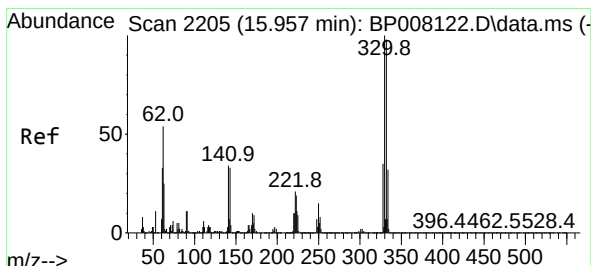
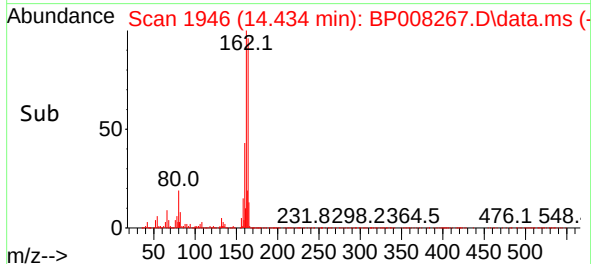
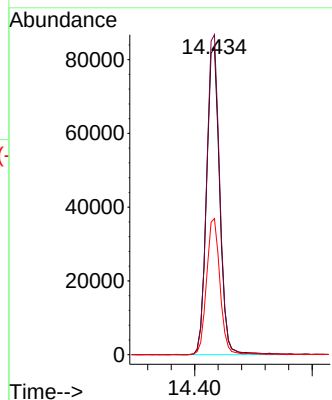
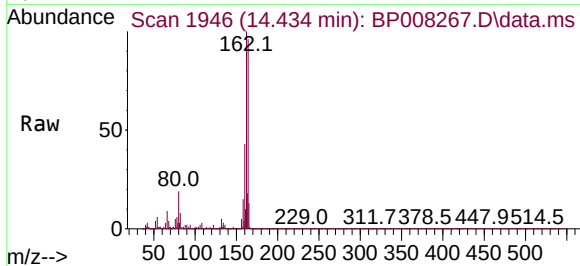




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BP008267.D
Acq: 08 Dec 2021 00:36

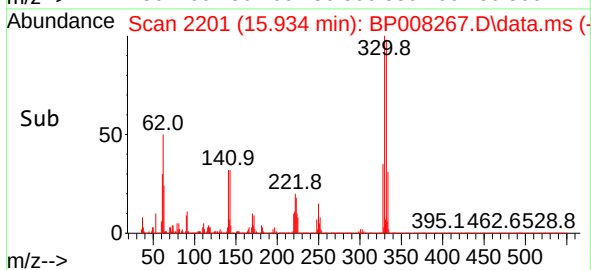
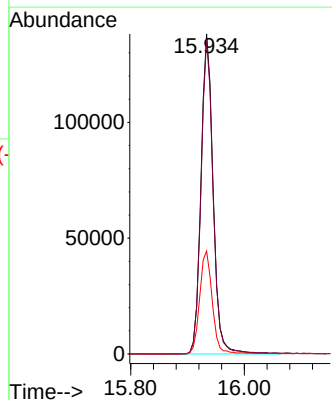
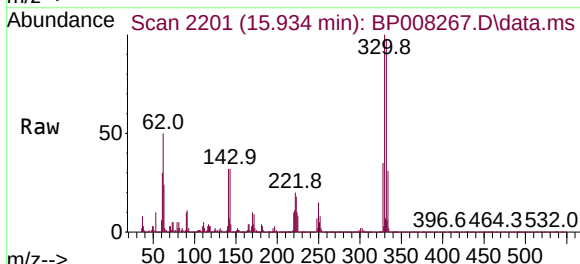
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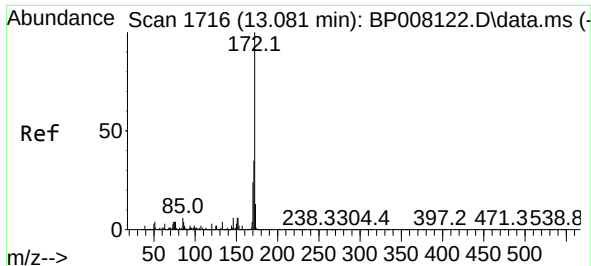
Tgt Ion:164 Resp: 129101
Ion Ratio Lower Upper
164 100
162 104.0 81.9 122.9
160 44.3 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 124.466 ng
RT: 15.934 min Scan# 2201
Delta R.T. -0.018 min
Lab File: BP008267.D
Acq: 08 Dec 2021 00:36

Tgt Ion:330 Resp: 205385
Ion Ratio Lower Upper
330 100
332 97.7 77.0 115.4
141 33.7 28.4 42.6

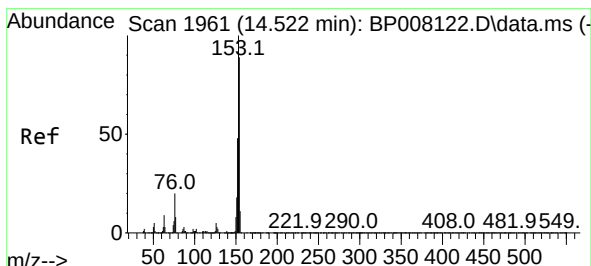
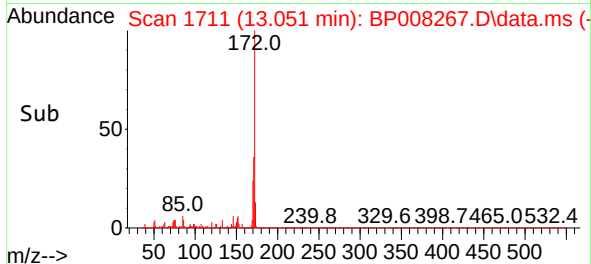
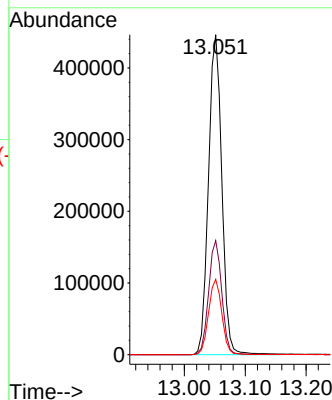
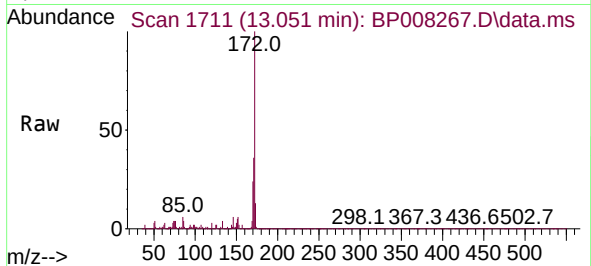




#45
2-Fluorobiphenyl
Concen: 76.583 ng
RT: 13.051 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP008267.D
Acq: 08 Dec 2021 00:36

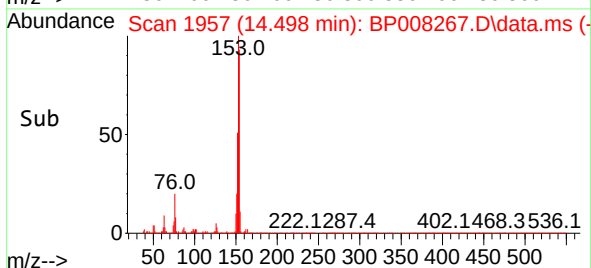
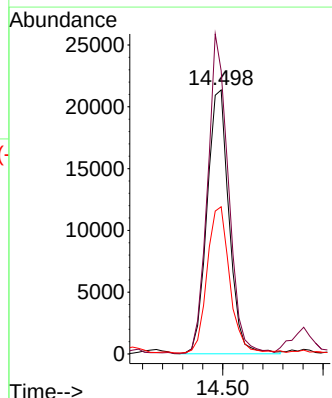
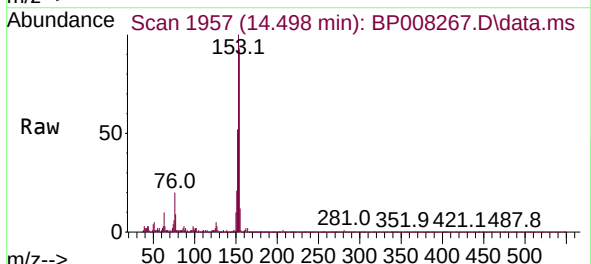
Instrument :
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355-994

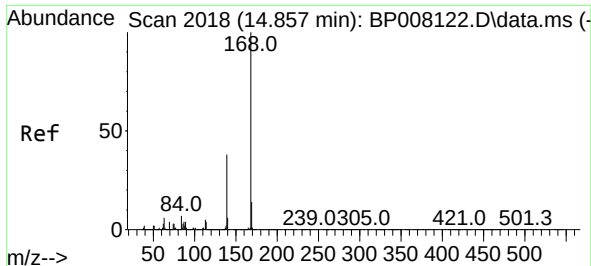
Tgt Ion:172 Resp: 680667
Ion Ratio Lower Upper
172 100
171 35.6 28.0 42.0
170 23.5 18.9 28.3



#52
Acenaphthene
Concen: 4.783 ng
RT: 14.498 min Scan# 1957
Delta R.T. -0.018 min
Lab File: BP008267.D
Acq: 08 Dec 2021 00:36

Tgt Ion:154 Resp: 32532
Ion Ratio Lower Upper
154 100
153 107.3 90.3 135.5
152 55.7 43.3 64.9

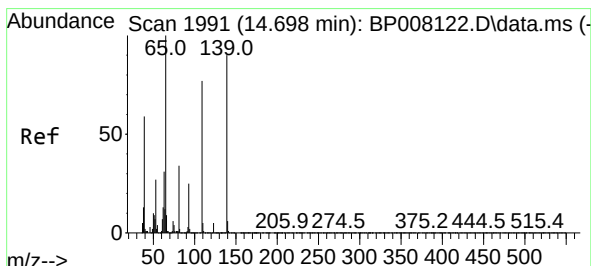
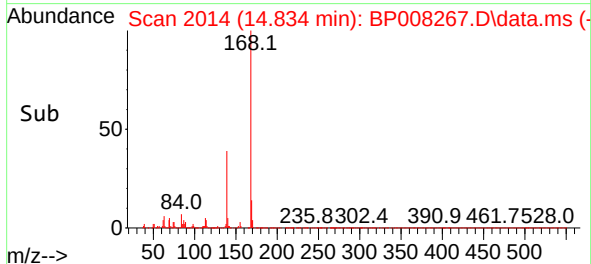
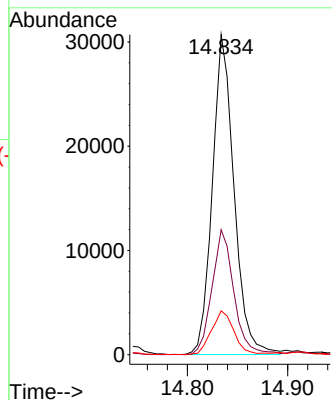
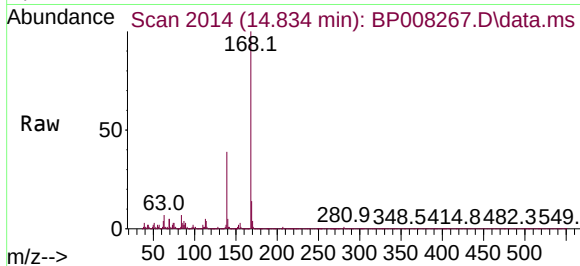




#55
Dibenzenofuran
Concen: 3.968 ng
RT: 14.834 min Scan# 2014
Delta R.T. -0.018 min
Lab File: BP008267.D
Acq: 08 Dec 2021 00:36

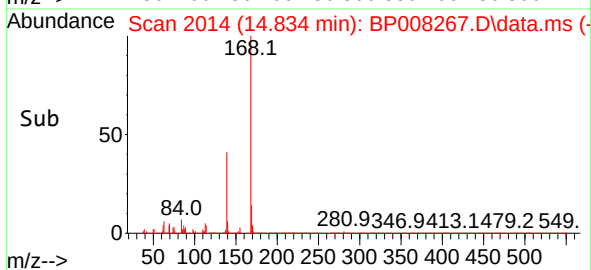
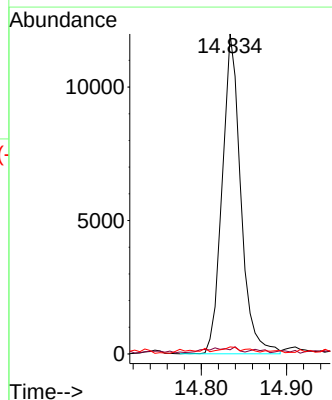
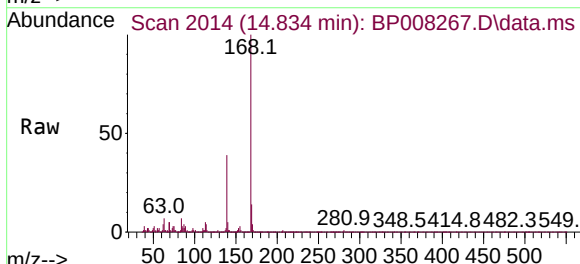
Instrument :
BNA_P
ClientSampleId :
355-994

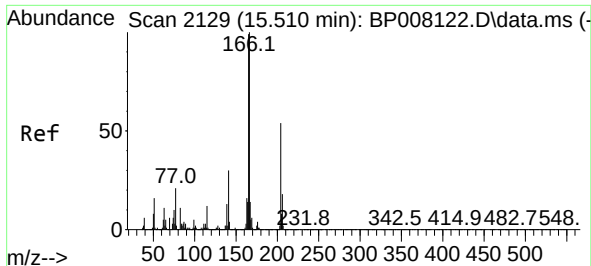
Tgt Ion:168 Resp: 46115
Ion Ratio Lower Upper
168 100
139 39.1 30.6 46.0
169 13.7 11.0 16.4



#56
4-Nitrophenol
Concen: 11.621 ng
RT: 14.834 min Scan# 2014
Delta R.T. 0.129 min
Lab File: BP008267.D
Acq: 08 Dec 2021 00:36

Tgt Ion:139 Resp: 18162
Ion Ratio Lower Upper
139 100
109 1.3 65.9 105.9#
65 2.2 91.9 131.9#

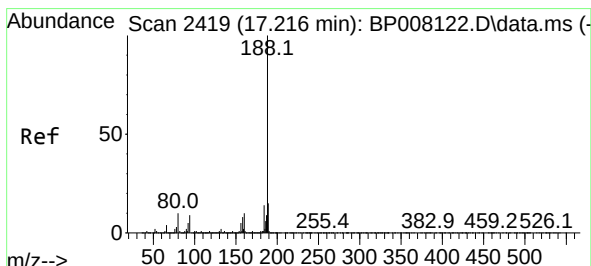
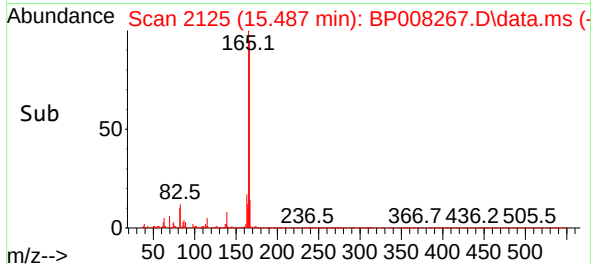
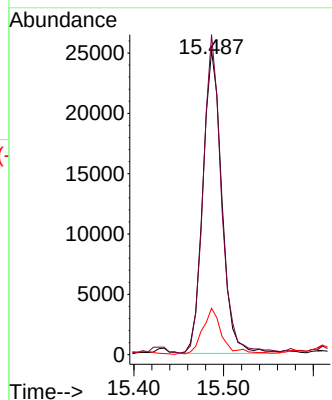
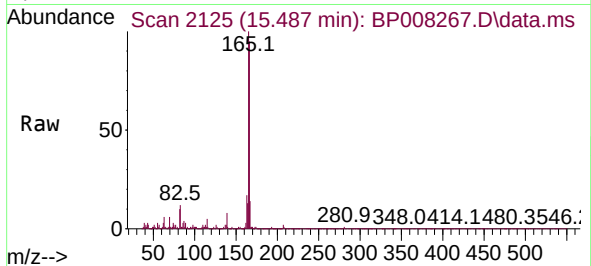




#58
Fluorene
Concen: 3.907 ng
RT: 15.487 min Scan# 2125
Delta R.T. -0.018 min
Lab File: BP008267.D
Acq: 08 Dec 2021 00:36

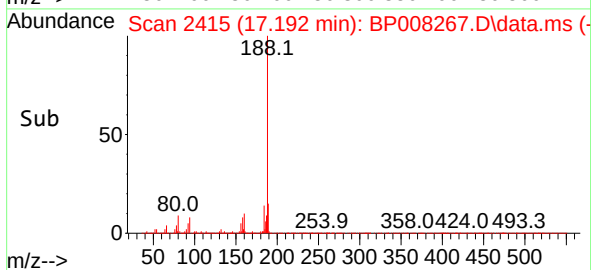
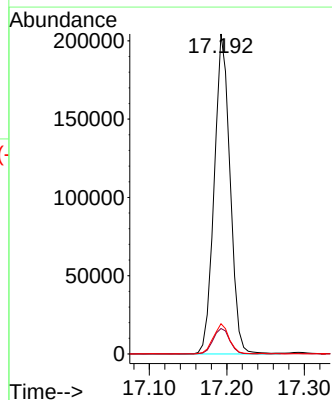
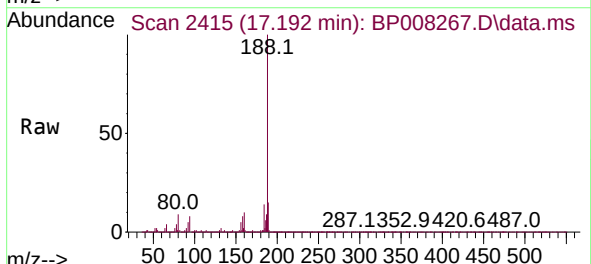
Instrument :
BNA_P
ClientSampleId :
355-994

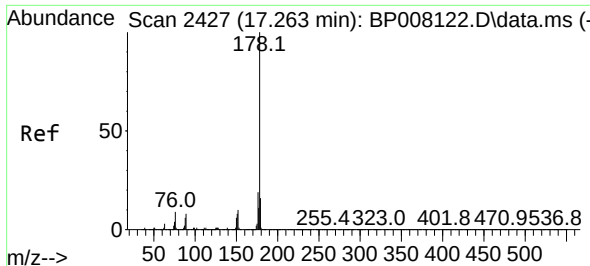
Tgt Ion:166 Resp: 36890
Ion Ratio Lower Upper
166 100
165 105.2 79.4 119.2
167 15.2 10.9 16.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2415
Delta R.T. -0.018 min
Lab File: BP008267.D
Acq: 08 Dec 2021 00:36

Tgt Ion:188 Resp: 291430
Ion Ratio Lower Upper
188 100
94 8.0 7.2 10.8
80 9.4 8.2 12.4

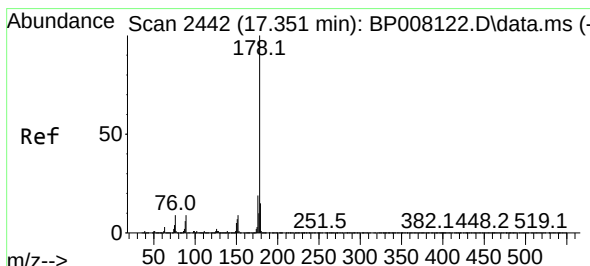
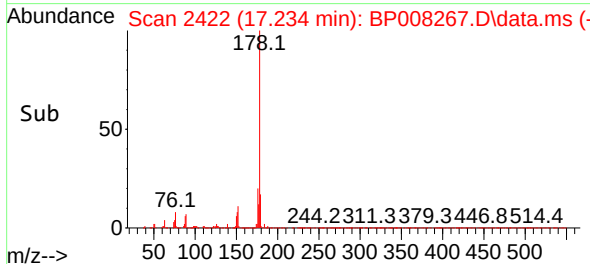
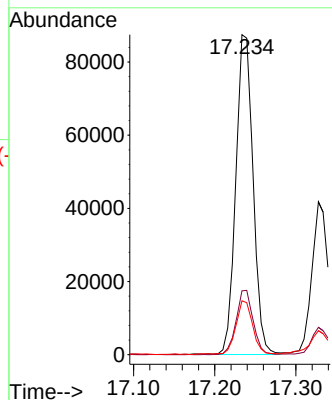
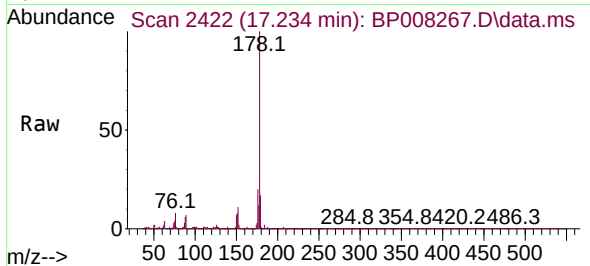




#71
Phenanthrene
Concen: 8.376 ng
RT: 17.234 min Scan# 2427
Delta R.T. -0.018 min
Lab File: BP008267.D
Acq: 08 Dec 2021 00:36

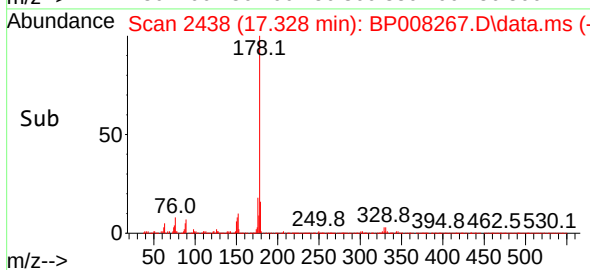
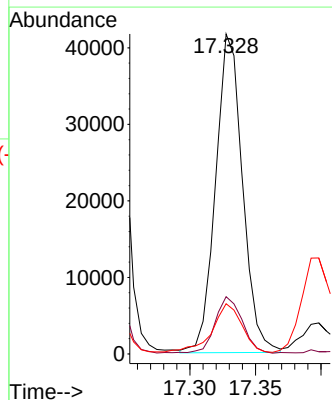
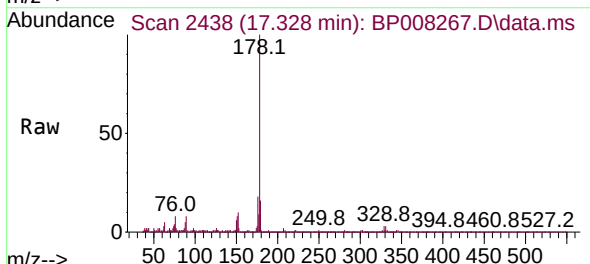
Instrument :
BNA_P
ClientSampleId :
355-994

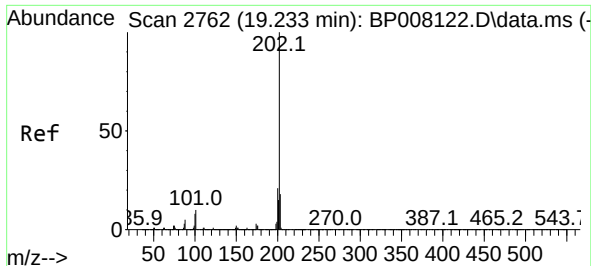
Tgt Ion:178 Resp: 128878
Ion Ratio Lower Upper
178 100
176 20.0 15.3 22.9
179 16.8 12.5 18.7



#72
Anthracene
Concen: 3.897 ng
RT: 17.328 min Scan# 2438
Delta R.T. -0.018 min
Lab File: BP008267.D
Acq: 08 Dec 2021 00:36

Tgt Ion:178 Resp: 59502
Ion Ratio Lower Upper
178 100
176 17.9 15.1 22.7
179 15.7 12.3 18.5

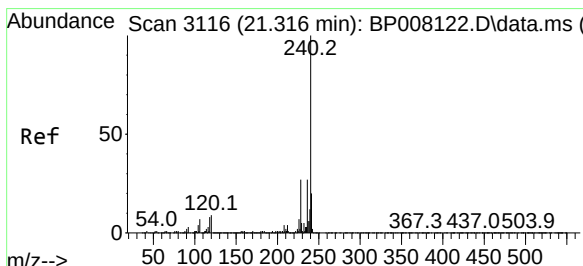
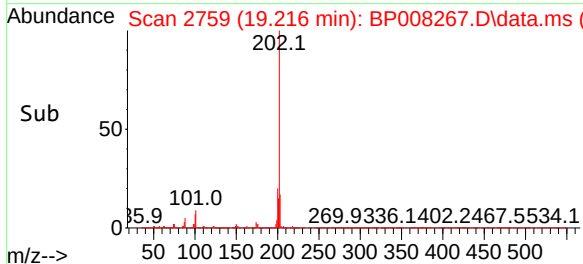
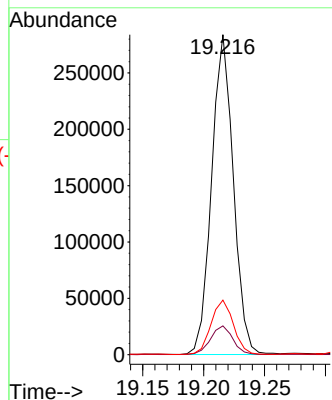
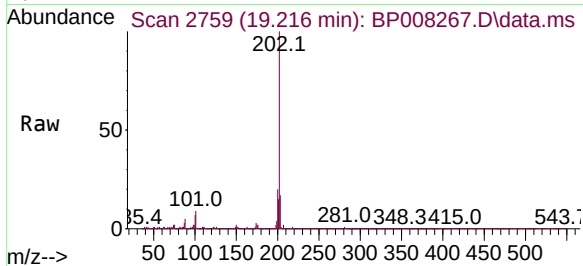




#75
Fluoranthene
Concen: 16.975 ng
RT: 19.216 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP008267.D
Acq: 08 Dec 2021 00:36

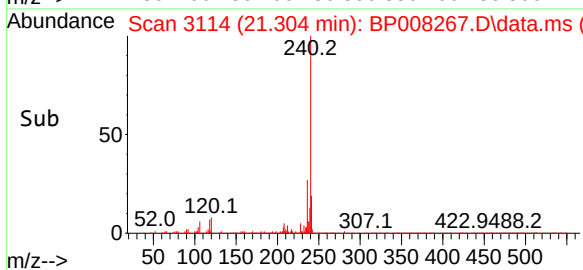
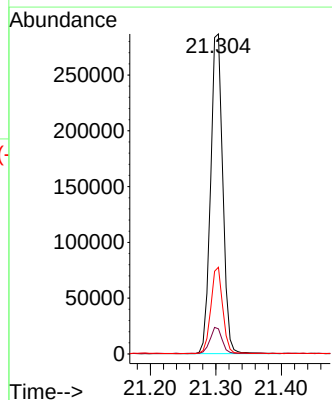
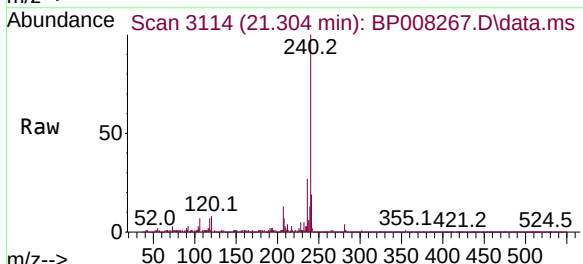
Instrument :
BNA_P
ClientSampleId :
355-994

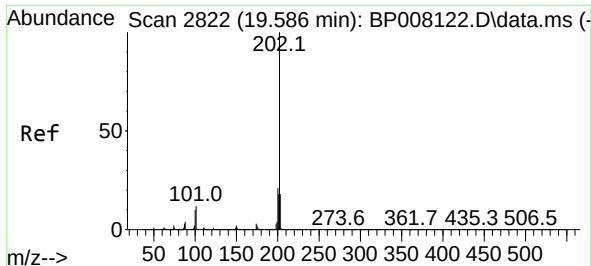
Tgt Ion:	202	Resp:	351853
Ion Ratio	Lower	Upper	
202	100		
101	9.0	0.0	29.8
203	17.1	0.0	37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.304 min Scan# 3114
Delta R.T. -0.012 min
Lab File: BP008267.D
Acq: 08 Dec 2021 00:36

Tgt Ion:	240	Resp:	369447
Ion Ratio	Lower	Upper	
240	100		
120	7.8	7.3	10.9
236	27.1	21.4	32.2

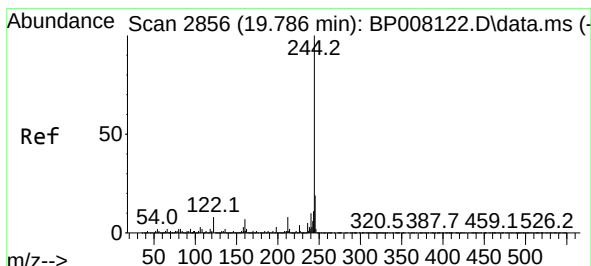
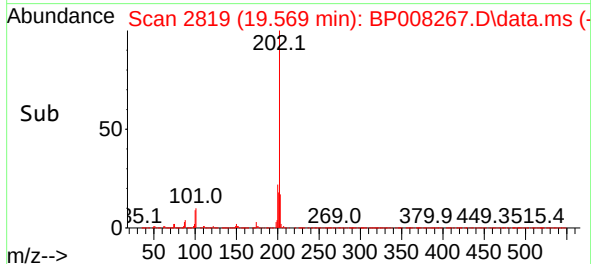
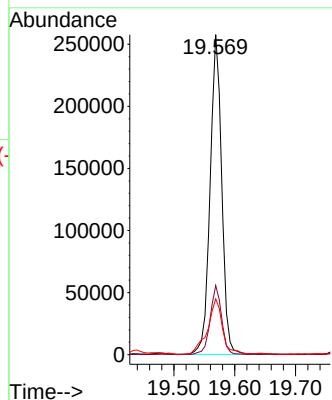
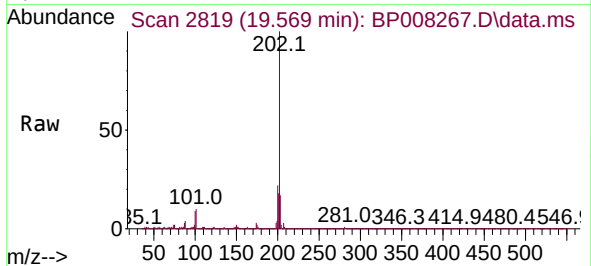




#78
Pyrene
Concen: 12.854 ng
RT: 19.569 min Scan# 2819
Delta R.T. -0.018 min
Lab File: BP008267.D
Acq: 08 Dec 2021 00:36

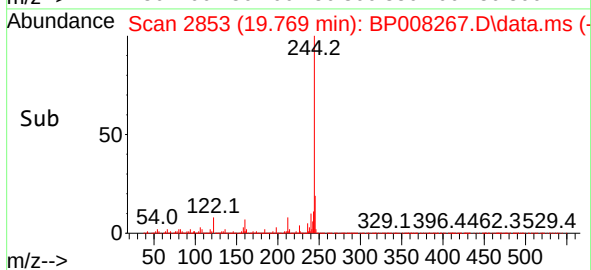
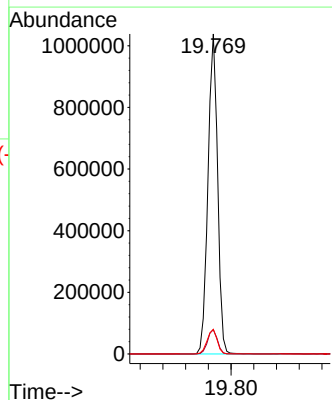
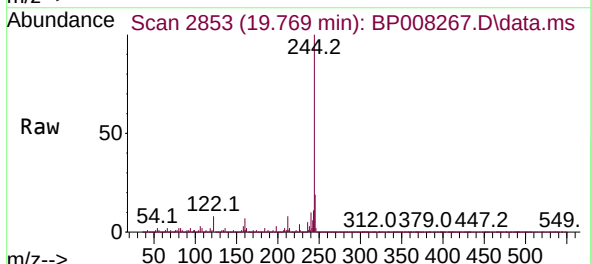
Instrument :
BNA_P
ClientSampleId :
355-994

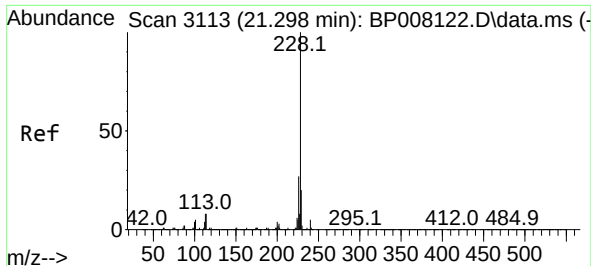
Tgt Ion:202 Resp: 342124
Ion Ratio Lower Upper
202 100
200 21.6 17.1 25.7
203 17.4 14.2 21.2



#79
Terphenyl-d14
Concen: 68.692 ng
RT: 19.769 min Scan# 2853
Delta R.T. -0.012 min
Lab File: BP008267.D
Acq: 08 Dec 2021 00:36

Tgt Ion:244 Resp: 1214307
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 7.7 6.6 9.8

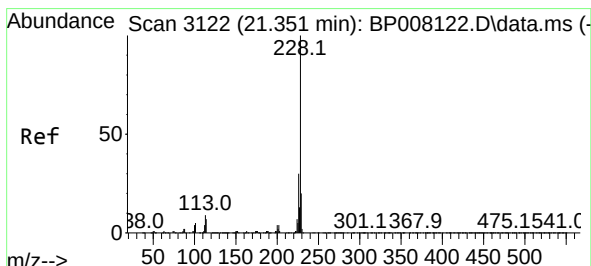
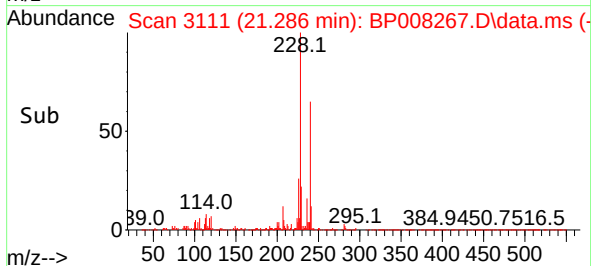
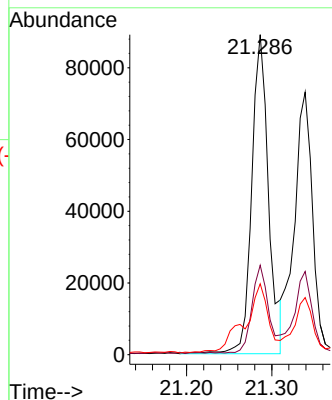
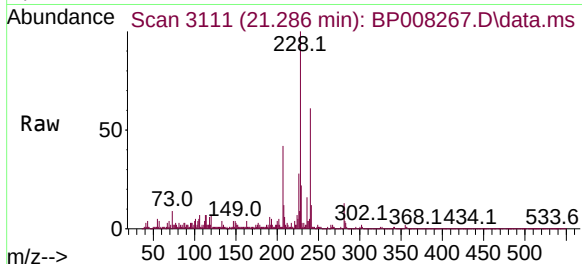




#81
Benzo(a)anthracene
Concen: 4.994 ng
RT: 21.286 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BP008267.D
Acq: 08 Dec 2021 00:36

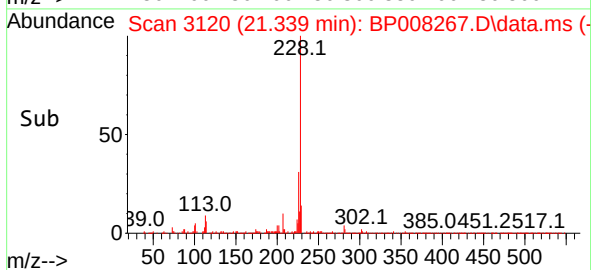
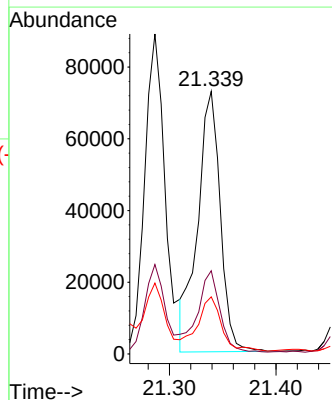
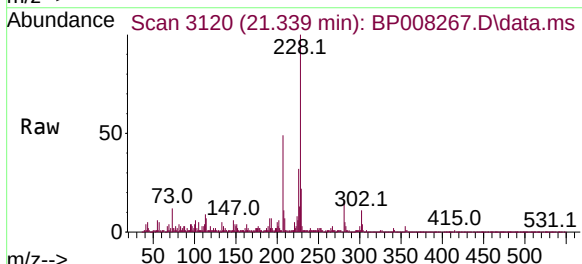
Instrument :
BNA_P
ClientSampleId :
355-994

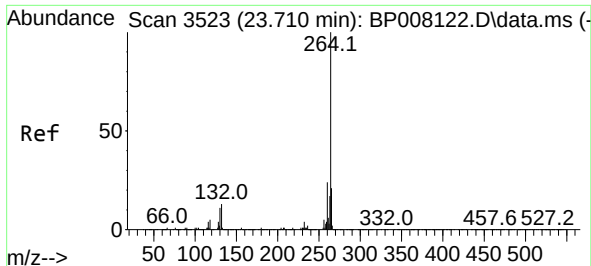
Tgt Ion:228 Resp: 122278
Ion Ratio Lower Upper
228 100
226 27.9 21.9 32.9
229 22.2 15.9 23.9



#83
Chrysene
Concen: 4.621 ng
RT: 21.339 min Scan# 3120
Delta R.T. -0.012 min
Lab File: BP008267.D
Acq: 08 Dec 2021 00:36

Tgt Ion:228 Resp: 107671
Ion Ratio Lower Upper
228 100
226 31.7 24.0 36.0
229 21.7 15.8 23.8

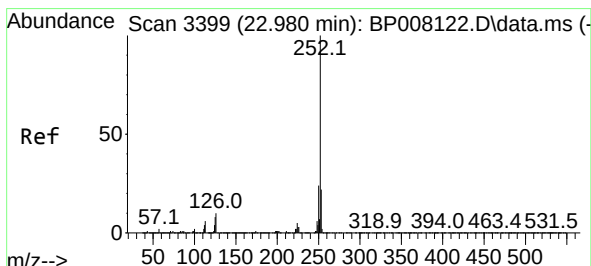
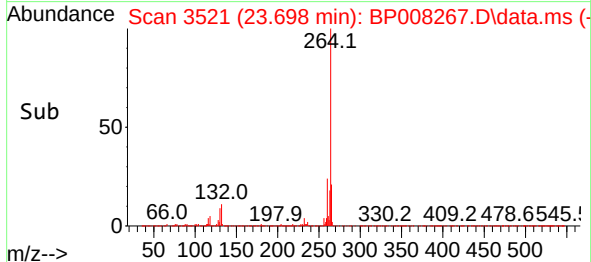
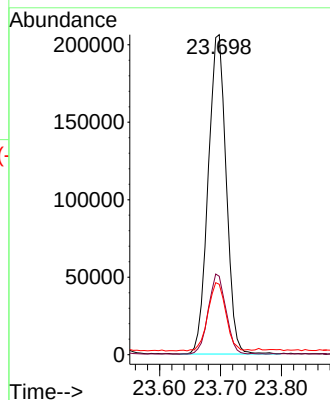
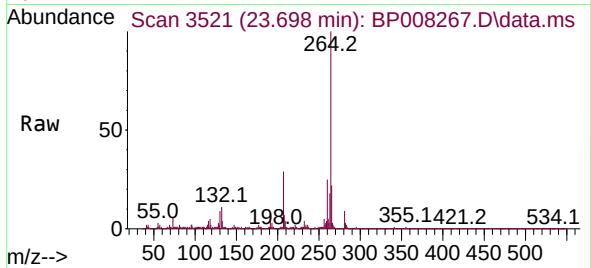




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.698 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP008267.D
Acq: 08 Dec 2021 00:36

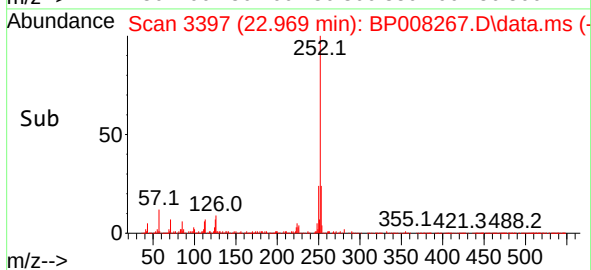
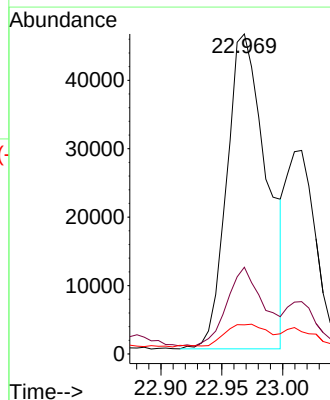
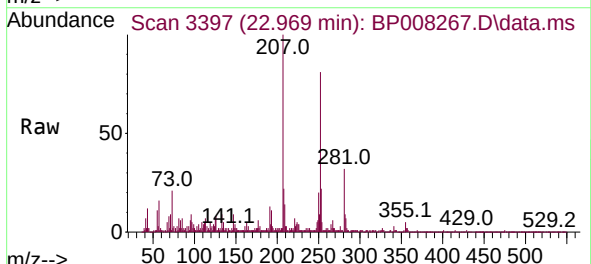
Instrument :
BNA_P
ClientSampleId :
355-994

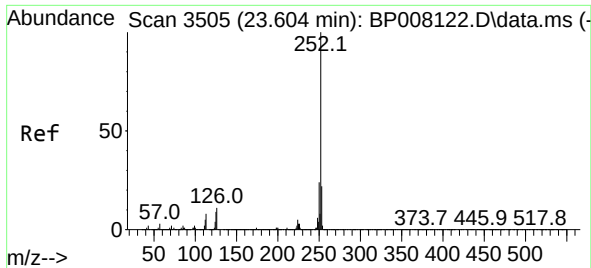
Tgt Ion:264 Resp: 422657
Ion Ratio Lower Upper
264 100
260 24.5 19.4 29.2
265 22.0 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 4.100 ng
RT: 22.969 min Scan# 3397
Delta R.T. -0.018 min
Lab File: BP008267.D
Acq: 08 Dec 2021 00:36

Tgt Ion:252 Resp: 104466
Ion Ratio Lower Upper
252 100
253 27.1 17.7 26.5#
125 9.1 6.2 9.4





#90
Benzo(a)pyrene
Concen: 2.790 ng
RT: 23.586 min Scan# 31
Delta R.T. -0.024 min
Lab File: BP008267.D
Acq: 08 Dec 2021 00:36

Instrument :
BNA_P
ClientSampleId :
355-994

Tgt Ion:252 Resp: 60754
Ion Ratio Lower Upper
252 100
253 27.0 17.6 26.4#
125 11.0 7.4 11.0

