

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032122\
 Data File : BP009473.D
 Acq On : 21 Mar 2022 16:38
 Operator : CG/JU
 Sample : N1983-01DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 124035DL

Quant Time: Mar 21 17:16:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 17 18:26:53 2022
 Response via : Initial Calibration

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

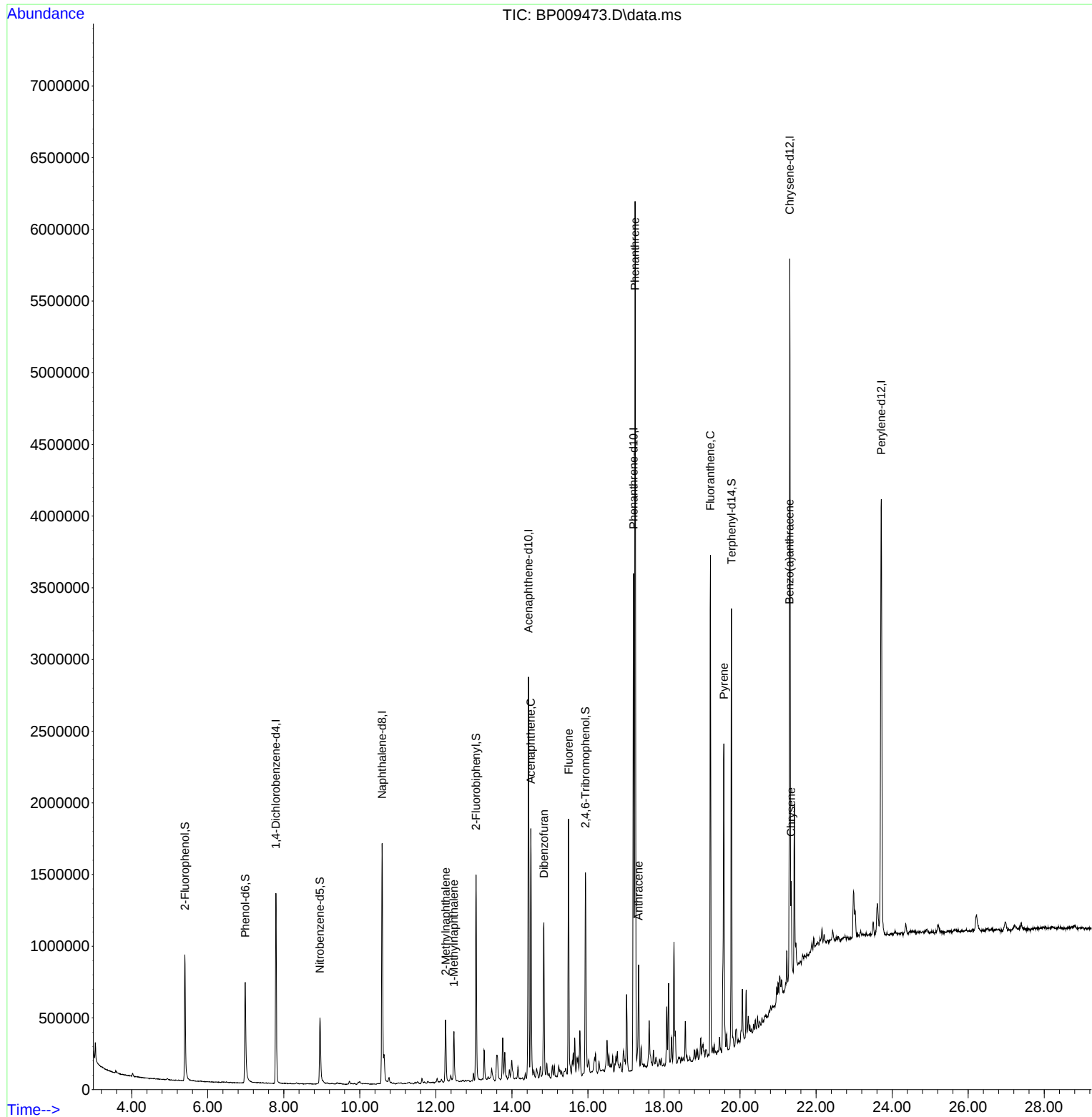
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	414734	20.000	ng	0.00
21) Naphthalene-d8	10.586	136	1633905	20.000	ng	0.00
39) Acenaphthene-d10	14.433	164	1062203	20.000	ng	-0.01
64) Phenanthrene-d10	17.198	188	2272653	20.000	ng	0.00
76) Chrysene-d12	21.309	240	2423506	20.000	ng	0.00
86) Perylene-d12	23.715	264	2581608	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	502385	21.149	ng	0.00
7) Phenol-d6	6.987	99	615963	19.174	ng	0.00
23) Nitrobenzene-d5	8.951	82	379848	12.354	ng	0.00
42) 2,4,6-Tribromophenol	15.933	330	263063	15.008	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	888015	11.590	ng	0.00
79) Terphenyl-d14	19.774	244	1603533	11.876	ng	0.00
Target Compounds						
						Qvalue
37) 2-Methylnaphthalene	12.257	142	266031	4.505	ng	98
38) 1-Methylnaphthalene	12.475	142	193206	3.359	ng	99
52) Acenaphthene	14.498	154	656680	11.414	ng	100
55) Dibenzofuran	14.839	168	793152	8.206	ng	99
58) Fluorene	15.492	166	886665	11.665	ng	98
71) Phenanthrene	17.239	178	3958632	32.540	ng	100
72) Anthracene	17.333	178	501957	4.179	ng	98
75) Fluoranthene	19.221	202	2174105	14.761	ng	99
78) Pyrene	19.574	202	1436410	8.995	ng	100
81) Benzo(a)anthracene	21.298	228	423522	2.660	ng	99
83) Chrysene	21.345	228	381353	2.529	ng	98

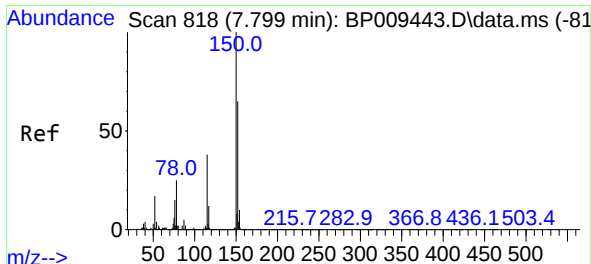
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032122\
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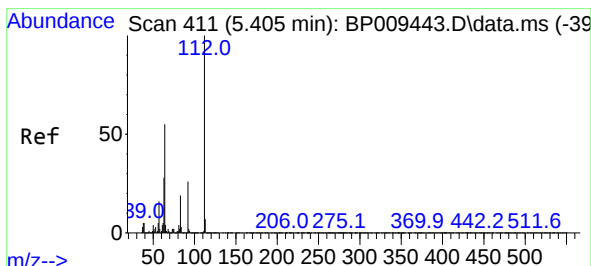
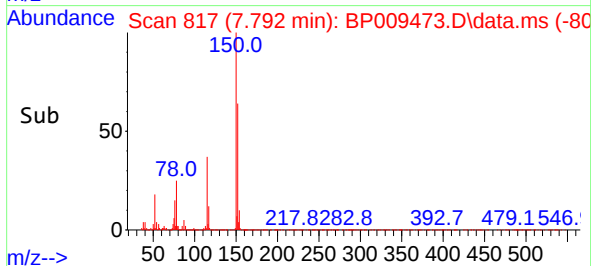
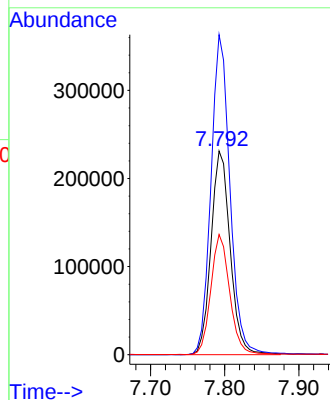
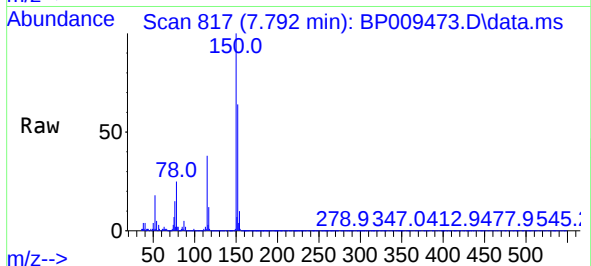




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.792 min Scan# 81
Delta R.T. -0.007 min
Lab File: BP009473.D
Acq: 21 Mar 2022 16:38

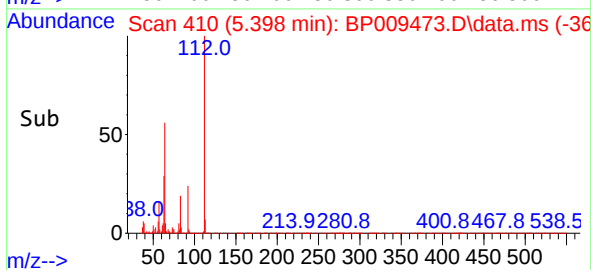
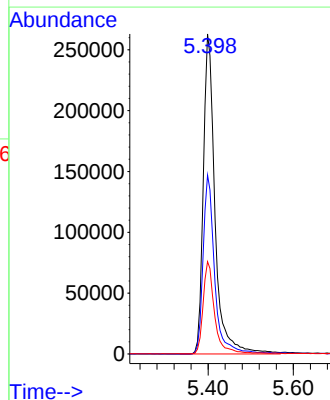
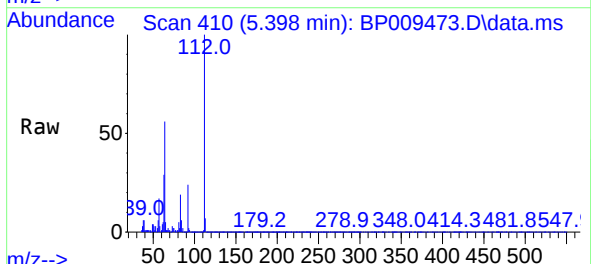
Instrument :
BNA_P
ClientSampleId :
124035DL

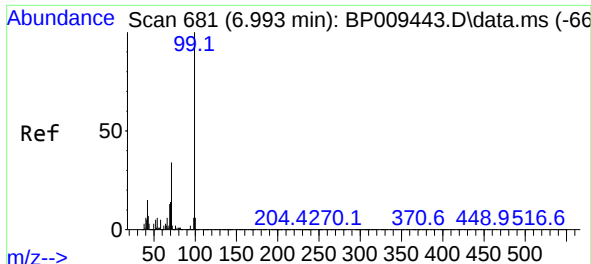
Tgt Ion:152 Resp: 414734
Ion Ratio Lower Upper
152 100
150 157.1 124.5 186.7
115 59.0 48.2 72.4



#5
2-Fluorophenol
Concen: 21.149 ng
RT: 5.398 min Scan# 410
Delta R.T. -0.006 min
Lab File: BP009473.D
Acq: 21 Mar 2022 16:38

Tgt Ion:112 Resp: 502385
Ion Ratio Lower Upper
112 100
64 55.9 45.0 67.4
63 28.9 23.0 34.6





Phenol-d6

Concen: 19.174 ng

RT: 6.987 min Scan# 61

Delta R.T. -0.006 min

Lab File: BP009473.D

Acq: 21 Mar 2022 16:38

Instrument :

BNA_P

ClientSampleId :

124035DL

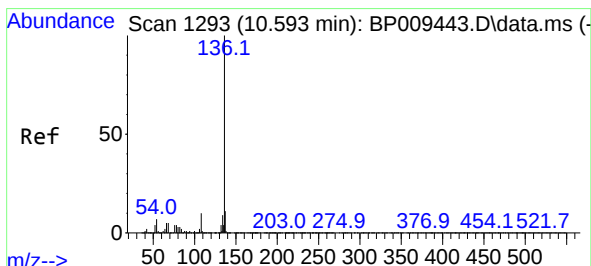
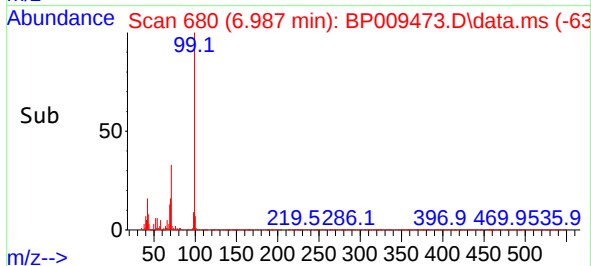
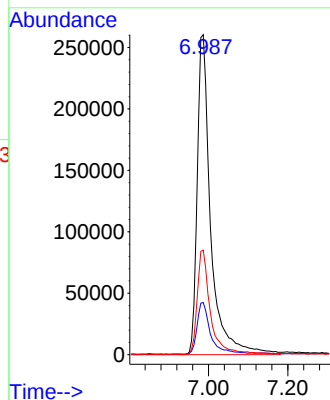
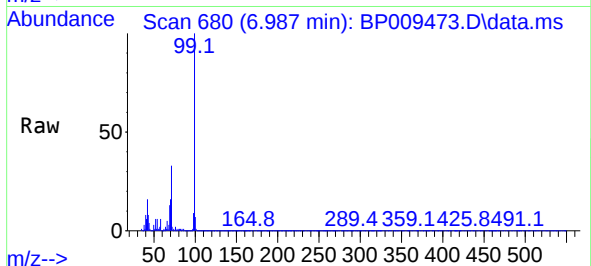
Tgt Ion: 99 Resp: 615963

Ion Ratio Lower Upper

99 100

42 16.3 12.8 19.2

71 32.7 26.3 39.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.586 min Scan# 1292

Delta R.T. -0.007 min

Lab File: BP009473.D

Acq: 21 Mar 2022 16:38

Tgt Ion:136 Resp: 1633905

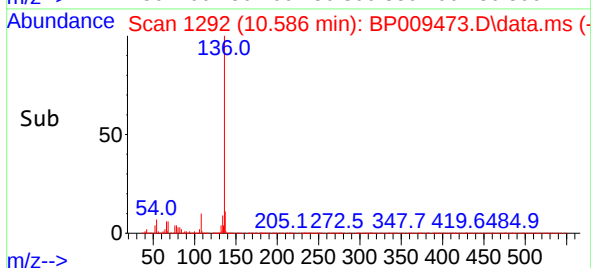
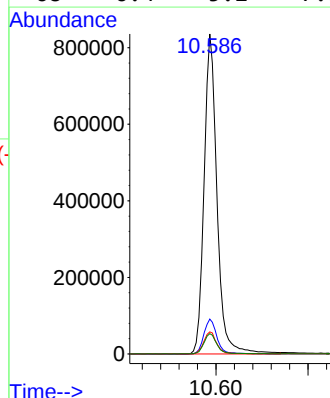
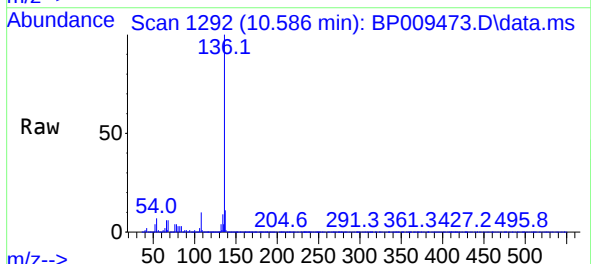
Ion Ratio Lower Upper

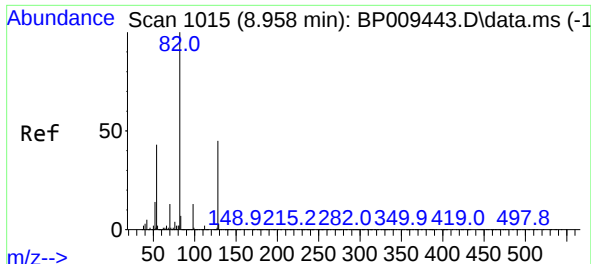
136 100

137 10.9 8.6 12.8

54 6.9 5.8 8.8

68 6.4 5.2 7.8

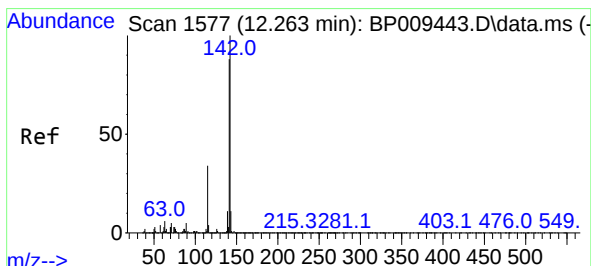
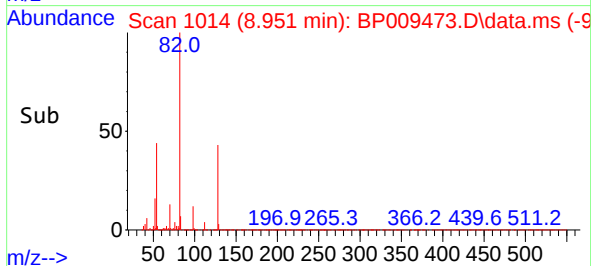
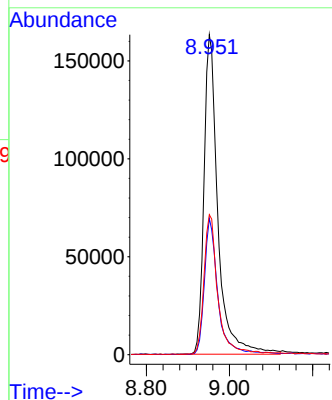
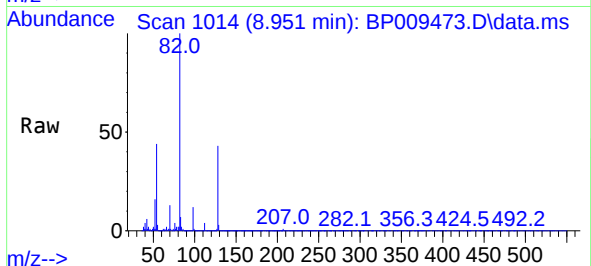




#23
Nitrobenzene-d5
Concen: 12.354 ng
RT: 8.951 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP009473.D
Acq: 21 Mar 2022 16:38

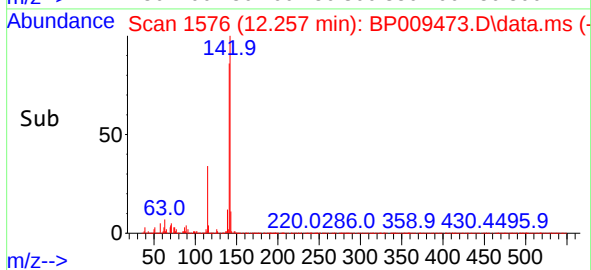
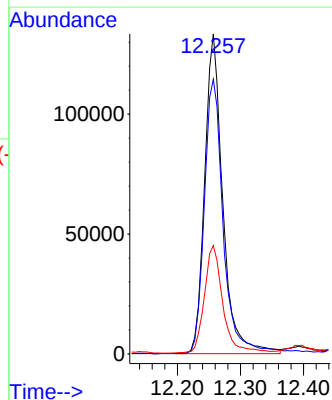
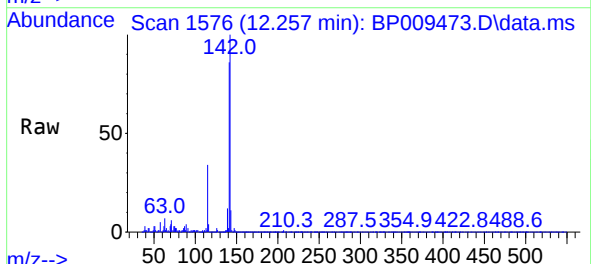
Instrument :
BNA_P
ClientSampleId :
124035DL

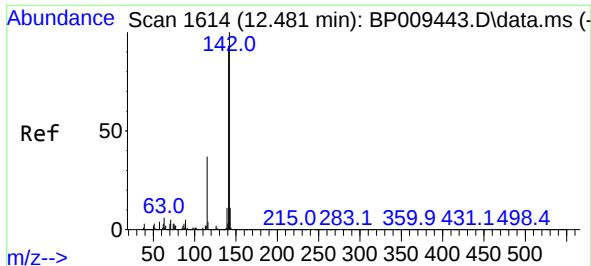
Tgt Ion: 82 Resp: 379848
Ion Ratio Lower Upper
82 100
128 42.6 34.2 51.4
54 43.8 34.7 52.1



#37
2-Methylnaphthalene
Concen: 4.505 ng
RT: 12.257 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BP009473.D
Acq: 21 Mar 2022 16:38

Tgt Ion: 142 Resp: 266031
Ion Ratio Lower Upper
142 100
141 85.8 70.2 105.4
115 33.9 27.4 41.2

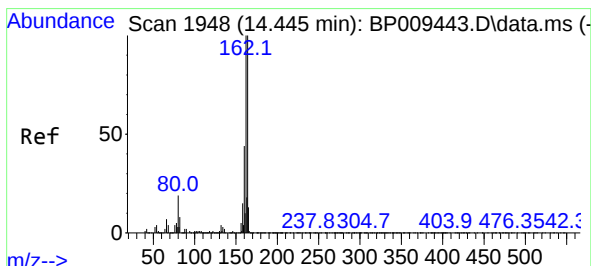
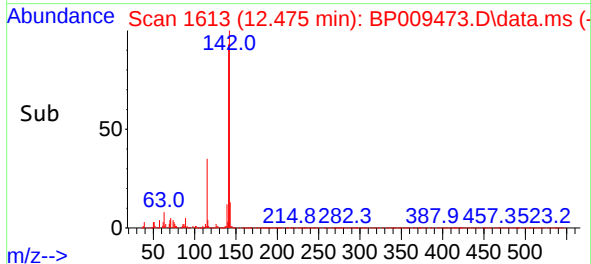
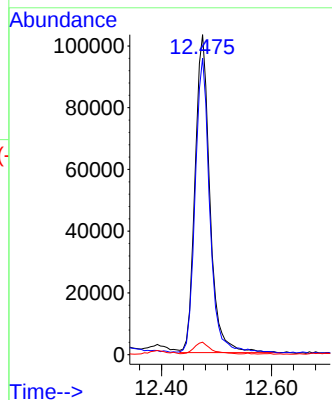
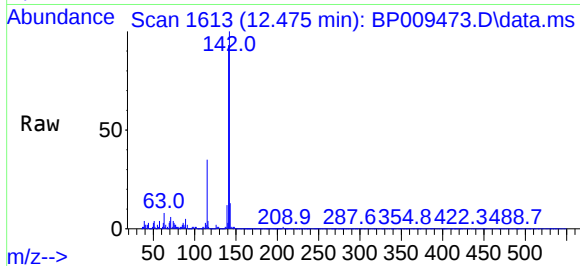




#38
1-Methylnaphthalene
Concen: 3.359 ng
RT: 12.475 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP009473.D
Acq: 21 Mar 2022 16:38

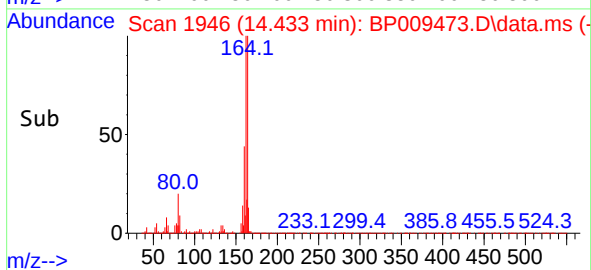
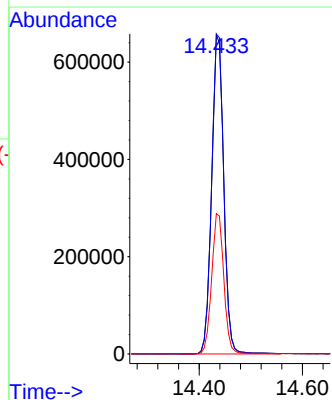
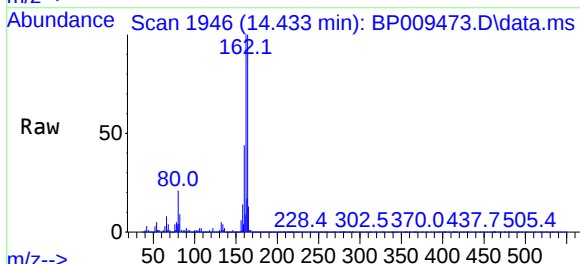
Instrument :
BNA_P
ClientSampleId :
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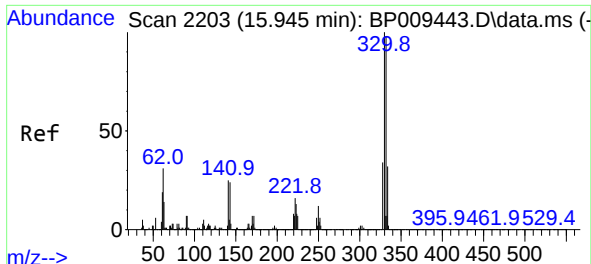
Tgt Ion:142 Resp: 193206
Ion Ratio Lower Upper
142 100
141 92.7 73.5 110.3
116 3.9 3.3 4.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.433 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BP009473.D
Acq: 21 Mar 2022 16:38

Tgt Ion:164 Resp: 1062203
Ion Ratio Lower Upper
164 100
162 100.3 79.1 118.7
160 44.0 34.9 52.3

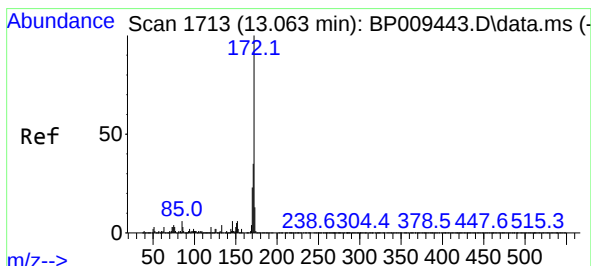
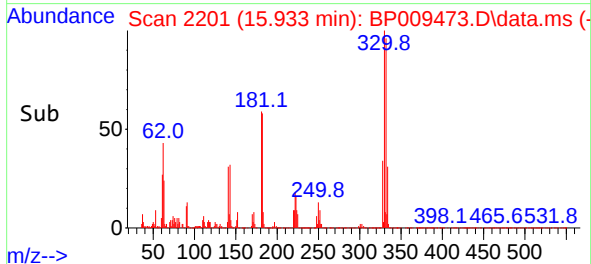
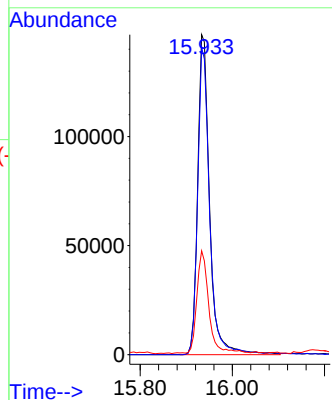
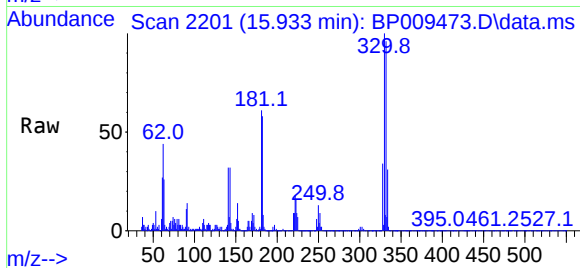




#42
2,4,6-Tribromophenol
Concen: 15.008 ng
RT: 15.933 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP009473.D
Acq: 21 Mar 2022 16:38

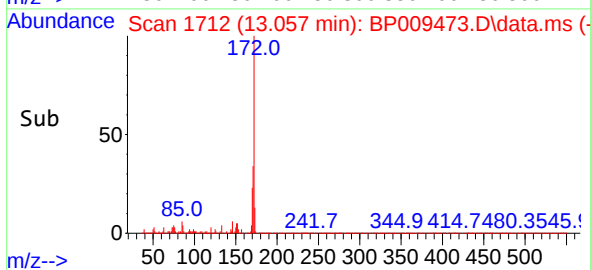
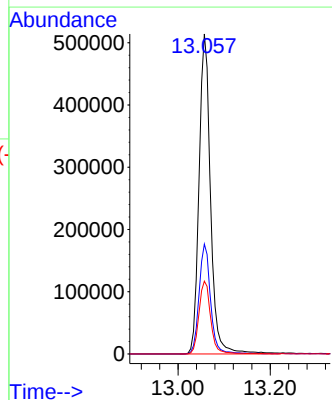
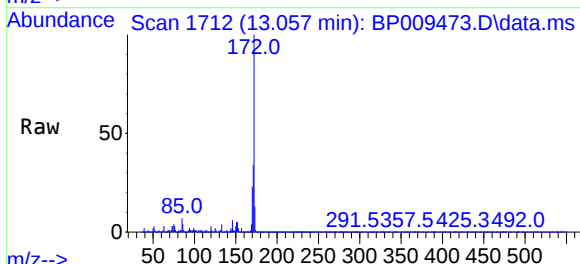
Instrument :
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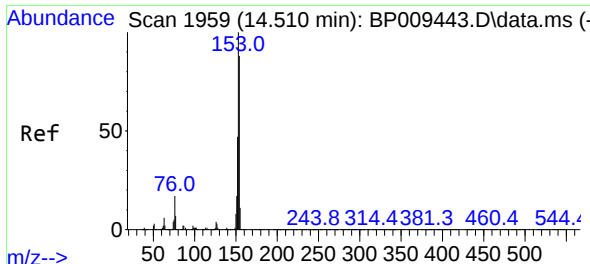
Tgt Ion:330 Resp: 263063
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 31.7 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 11.590 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP009473.D
Acq: 21 Mar 2022 16:38

Tgt Ion:172 Resp: 888015
Ion Ratio Lower Upper
172 100
171 34.3 28.0 42.0
170 22.7 18.6 27.8

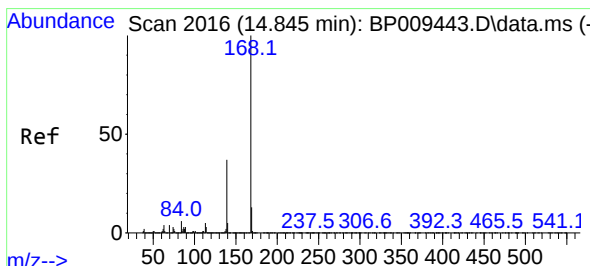
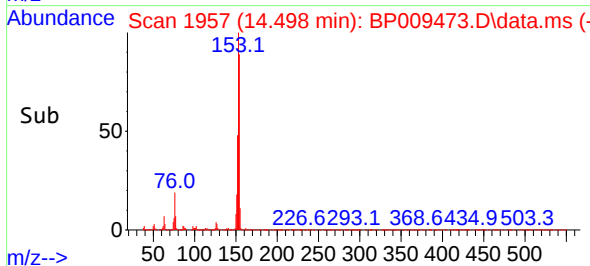
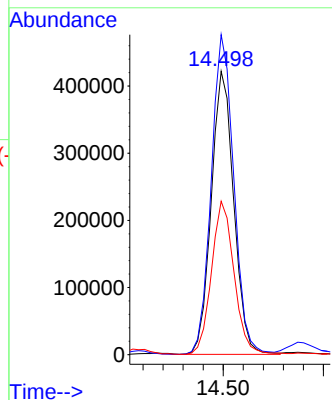
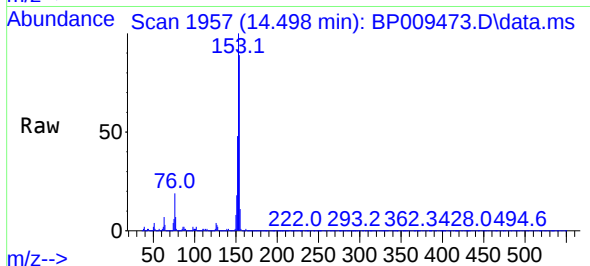




#52
Acenaphthene
Concen: 11.414 ng
RT: 14.498 min Scan# 1959
Delta R.T. -0.012 min
Lab File: BP009473.D
Acq: 21 Mar 2022 16:38

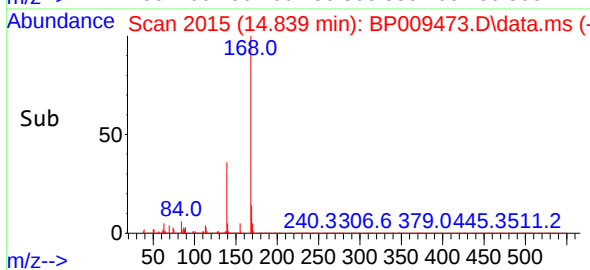
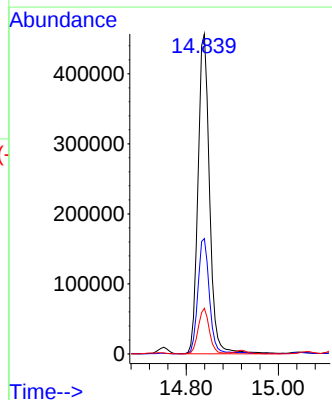
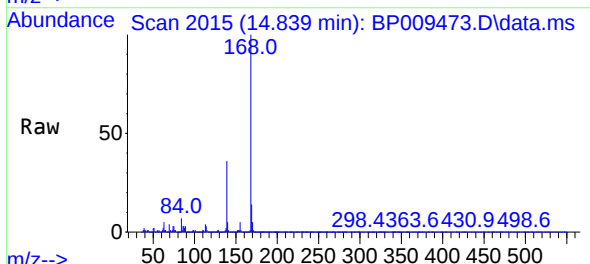
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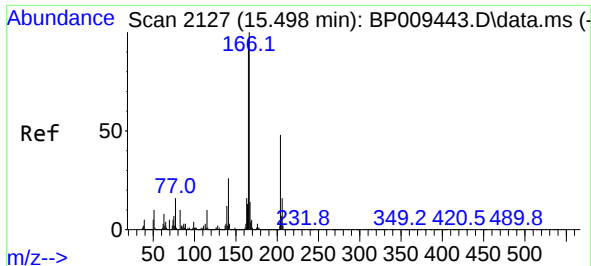
Tgt Ion:154 Resp: 656680
Ion Ratio Lower Upper
154 100
153 112.9 90.2 135.4
152 54.1 42.7 64.1



#55
Dibenzofuran
Concen: 8.206 ng
RT: 14.839 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BP009473.D
Acq: 21 Mar 2022 16:38

Tgt Ion:168 Resp: 793152
Ion Ratio Lower Upper
168 100
139 36.1 29.1 43.7
169 14.3 10.6 16.0

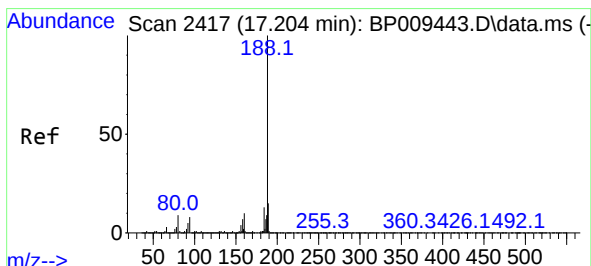
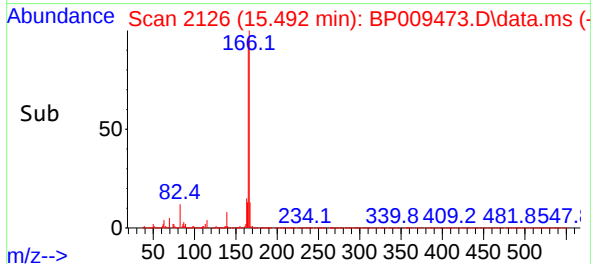
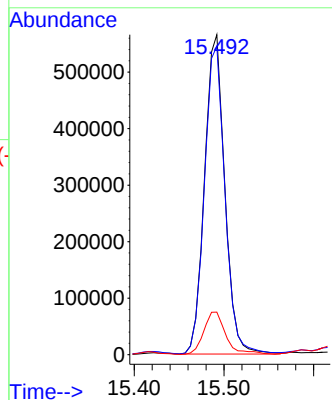
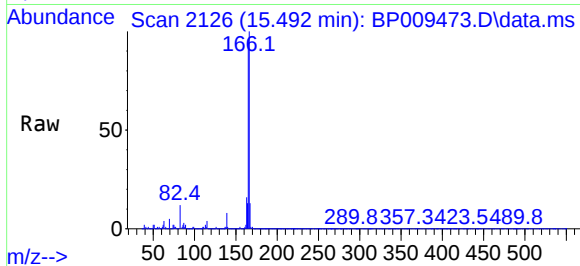




#58
Fluorene
Concen: 11.665 ng
RT: 15.492 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP009473.D
Acq: 21 Mar 2022 16:38

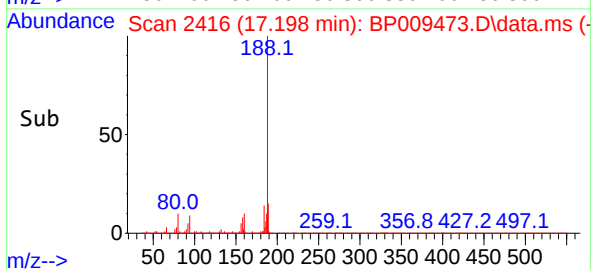
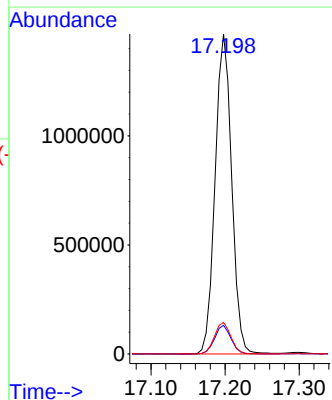
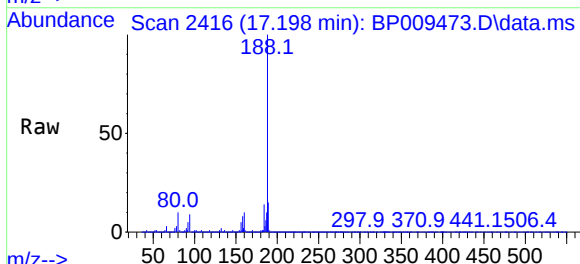
Instrument :
BNA_P
ClientSampleId :
124035DL

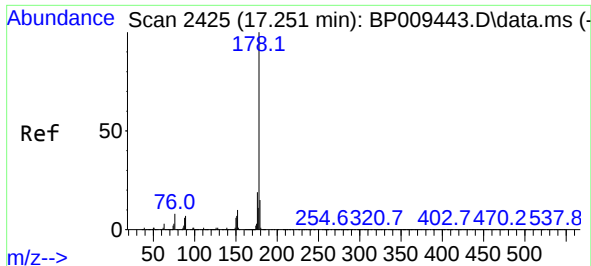
Tgt Ion:166 Resp: 886665
Ion Ratio Lower Upper
166 100
165 96.4 79.2 118.8
167 13.3 10.7 16.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP009473.D
Acq: 21 Mar 2022 16:38

Tgt Ion:188 Resp: 2272653
Ion Ratio Lower Upper
188 100
94 8.9 7.9 11.9
80 9.9 8.8 13.2

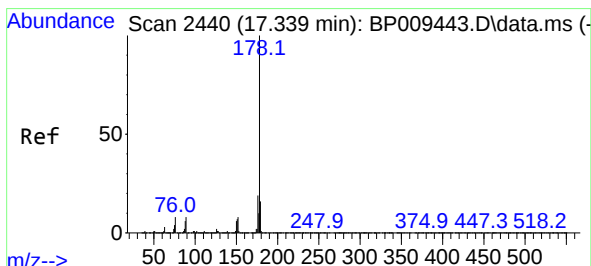
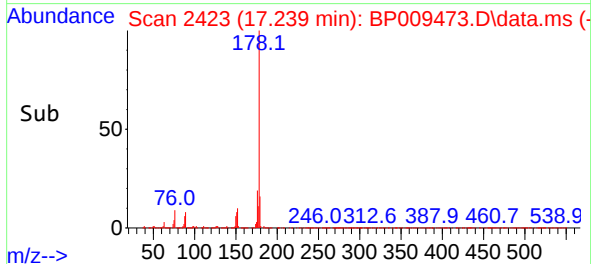
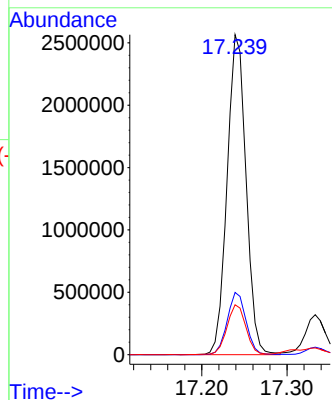
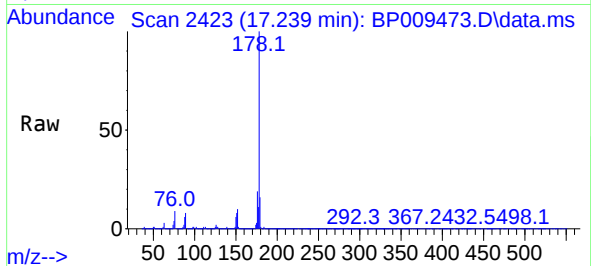




#71
Phenanthrene
Concen: 32.540 ng
RT: 17.239 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP009473.D
Acq: 21 Mar 2022 16:38

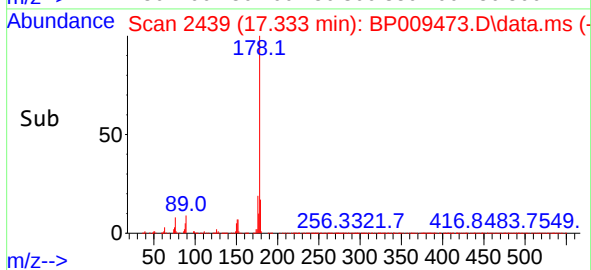
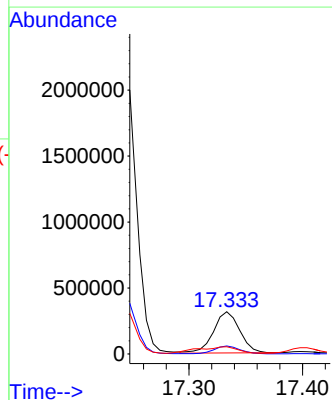
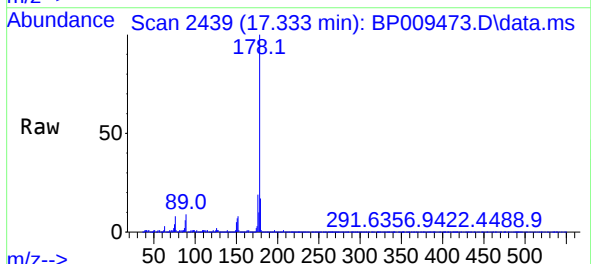
Instrument :
BNA_P
ClientSampleId :
124035DL

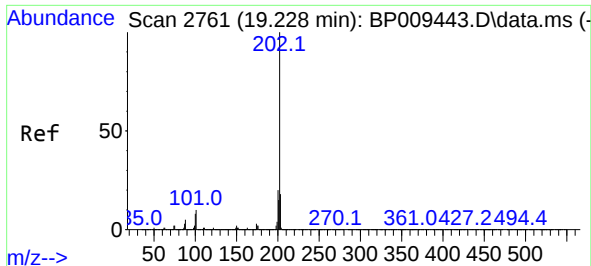
Tgt Ion:178 Resp: 3958632
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.6 12.3 18.5



#72
Anthracene
Concen: 4.179 ng
RT: 17.333 min Scan# 2439
Delta R.T. -0.006 min
Lab File: BP009473.D
Acq: 21 Mar 2022 16:38

Tgt Ion:178 Resp: 501957
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 16.9 12.2 18.4

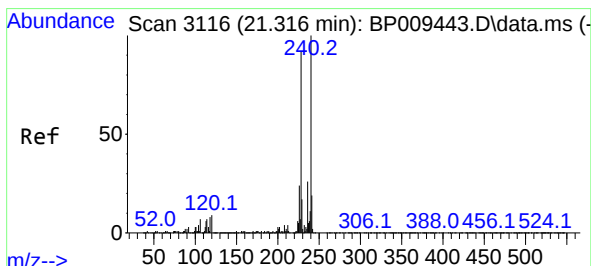
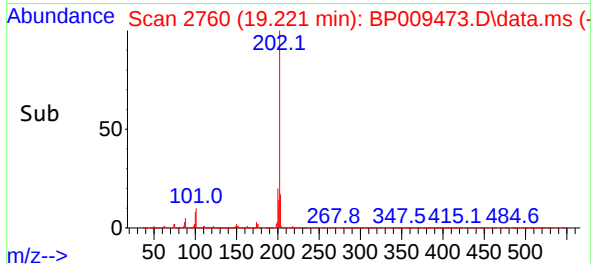
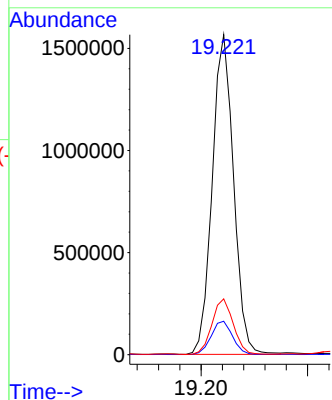
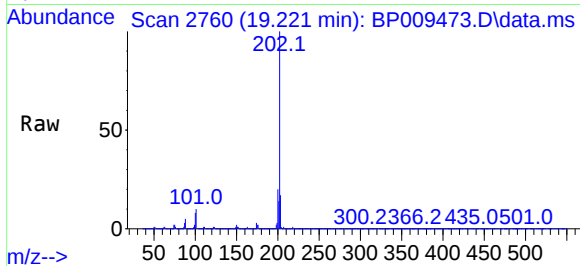




#75
Fluoranthene
Concen: 14.761 ng
RT: 19.221 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009473.D
Acq: 21 Mar 2022 16:38

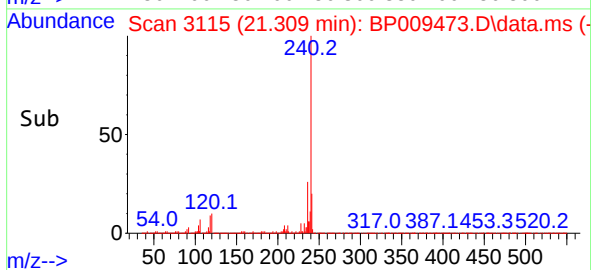
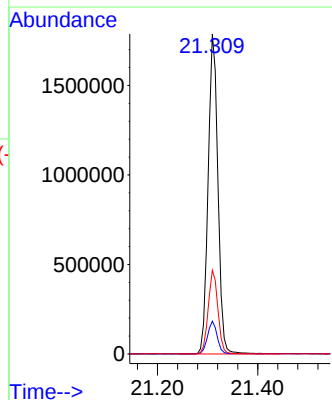
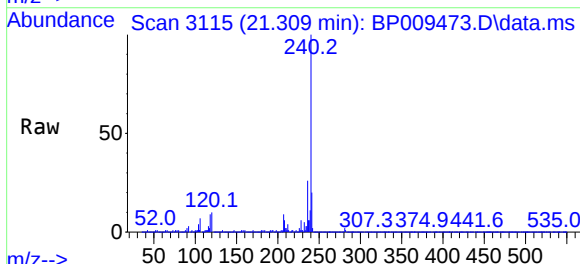
Instrument :
BNA_P
ClientSampleId :
124035DL

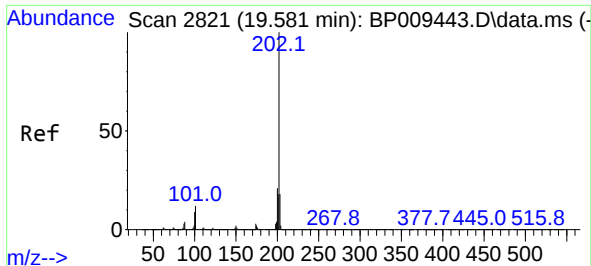
Tgt Ion:202 Resp: 2174105
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.5
203 17.5 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.309 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP009473.D
Acq: 21 Mar 2022 16:38

Tgt Ion:240 Resp: 2423506
Ion Ratio Lower Upper
240 100
120 10.3 9.0 13.4
236 26.1 20.6 30.8

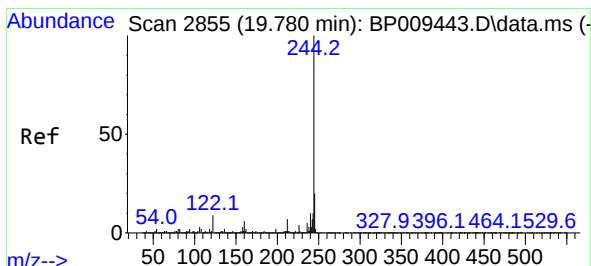
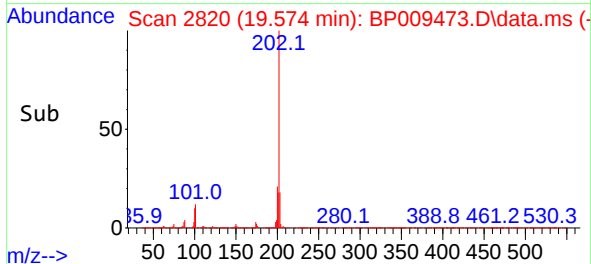
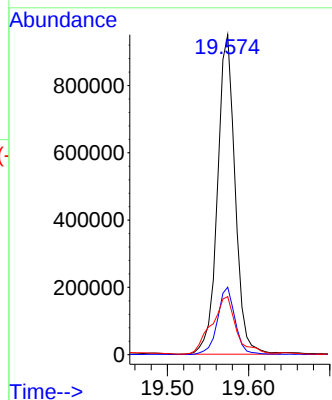
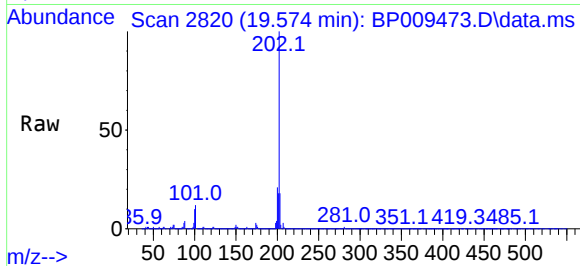




#78
Pyrene
Concen: 8.995 ng
RT: 19.574 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BP009473.D
Acq: 21 Mar 2022 16:38

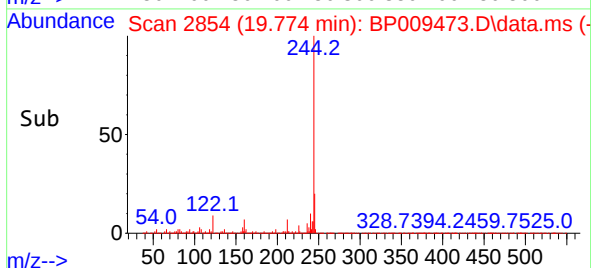
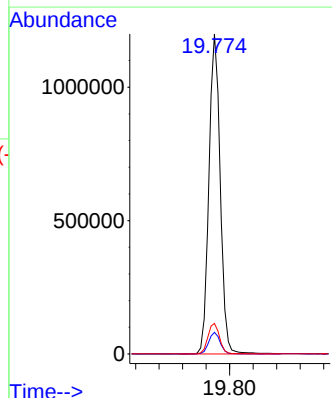
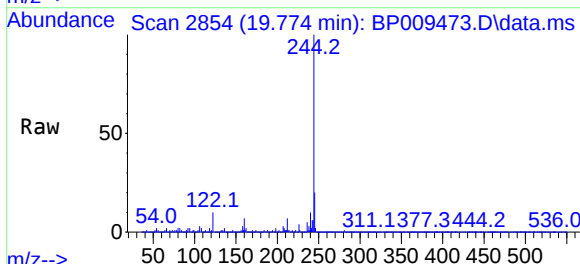
Instrument :
BNA_P
ClientSampleId :
124035DL

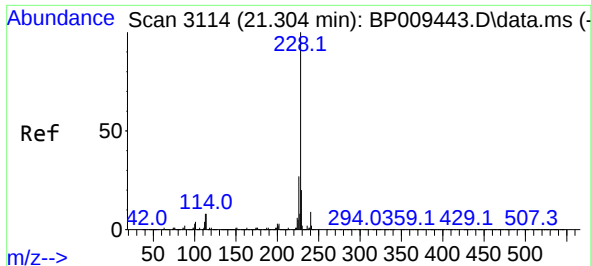
Tgt Ion:202 Resp: 1436410
Ion Ratio Lower Upper
202 100
200 21.1 16.8 25.2
203 18.2 14.2 21.4



#79
Terphenyl-d14
Concen: 11.876 ng
RT: 19.774 min Scan# 2854
Delta R.T. -0.006 min
Lab File: BP009473.D
Acq: 21 Mar 2022 16:38

Tgt Ion:244 Resp: 1603533
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.6
122 9.5 8.3 12.5

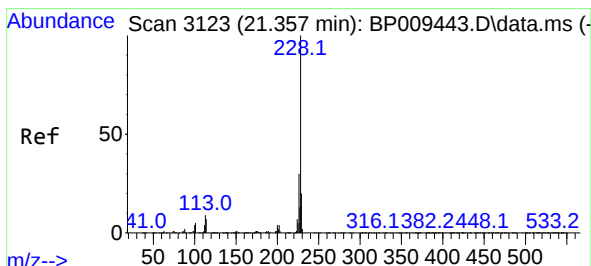
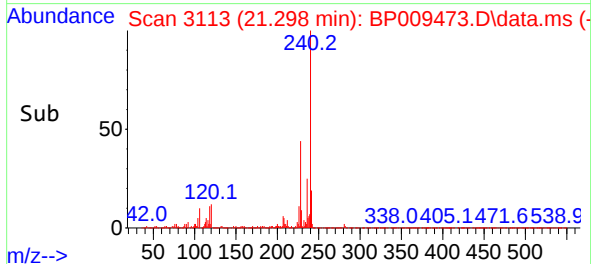
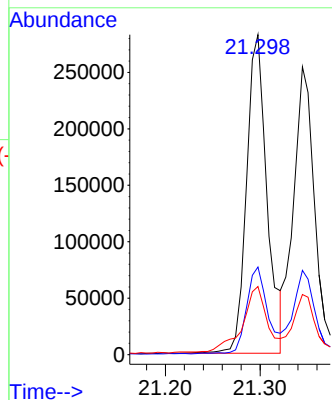
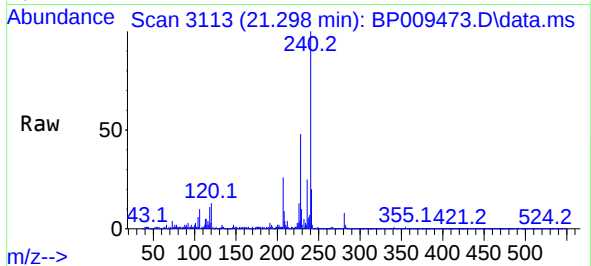




#81
Benzo(a)anthracene
Concen: 2.660 ng
RT: 21.298 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP009473.D
Acq: 21 Mar 2022 16:38

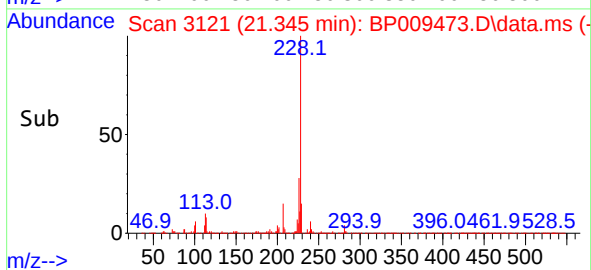
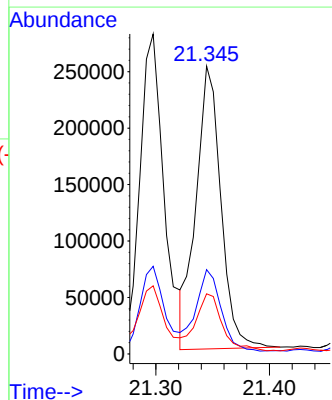
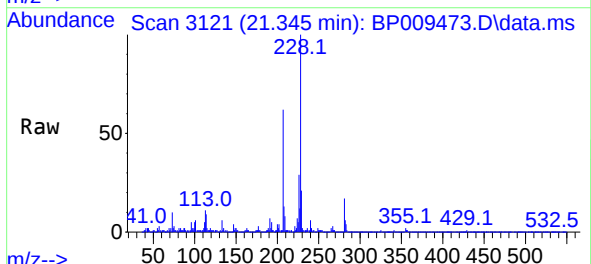
Instrument :
BNA_P
ClientSampleId :
124035DL

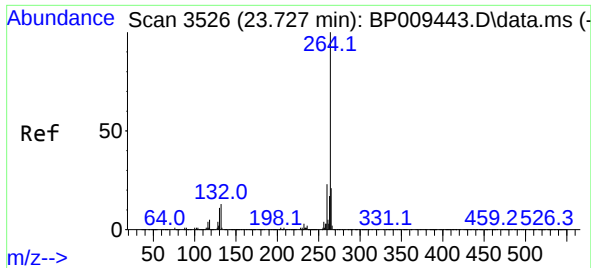
Tgt Ion:228 Resp: 423522
Ion Ratio Lower Upper
228 100
226 27.4 22.0 33.0
229 21.3 16.1 24.1



#83
Chrysene
Concen: 2.529 ng
RT: 21.345 min Scan# 3121
Delta R.T. -0.012 min
Lab File: BP009473.D
Acq: 21 Mar 2022 16:38

Tgt Ion:228 Resp: 381353
Ion Ratio Lower Upper
228 100
226 29.3 24.2 36.2
229 20.9 16.1 24.1





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.715 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BP009473.D
 Acq: 21 Mar 2022 16:38

Instrument :
 BNA_P
 ClientSampleId :
 124035DL

Tgt Ion:264 Resp: 2581608
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.0
 265 21.7 17.2 25.8

