

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121621\
 Data File : BP008465.D
 Acq On : 16 Dec 2021 22:11
 Operator : CG/JU
 Sample : M5029-01DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PSC-124035DL

Quant Time: Dec 17 03:24:44 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 14 17:59:47 2021
 Response via : Initial Calibration

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

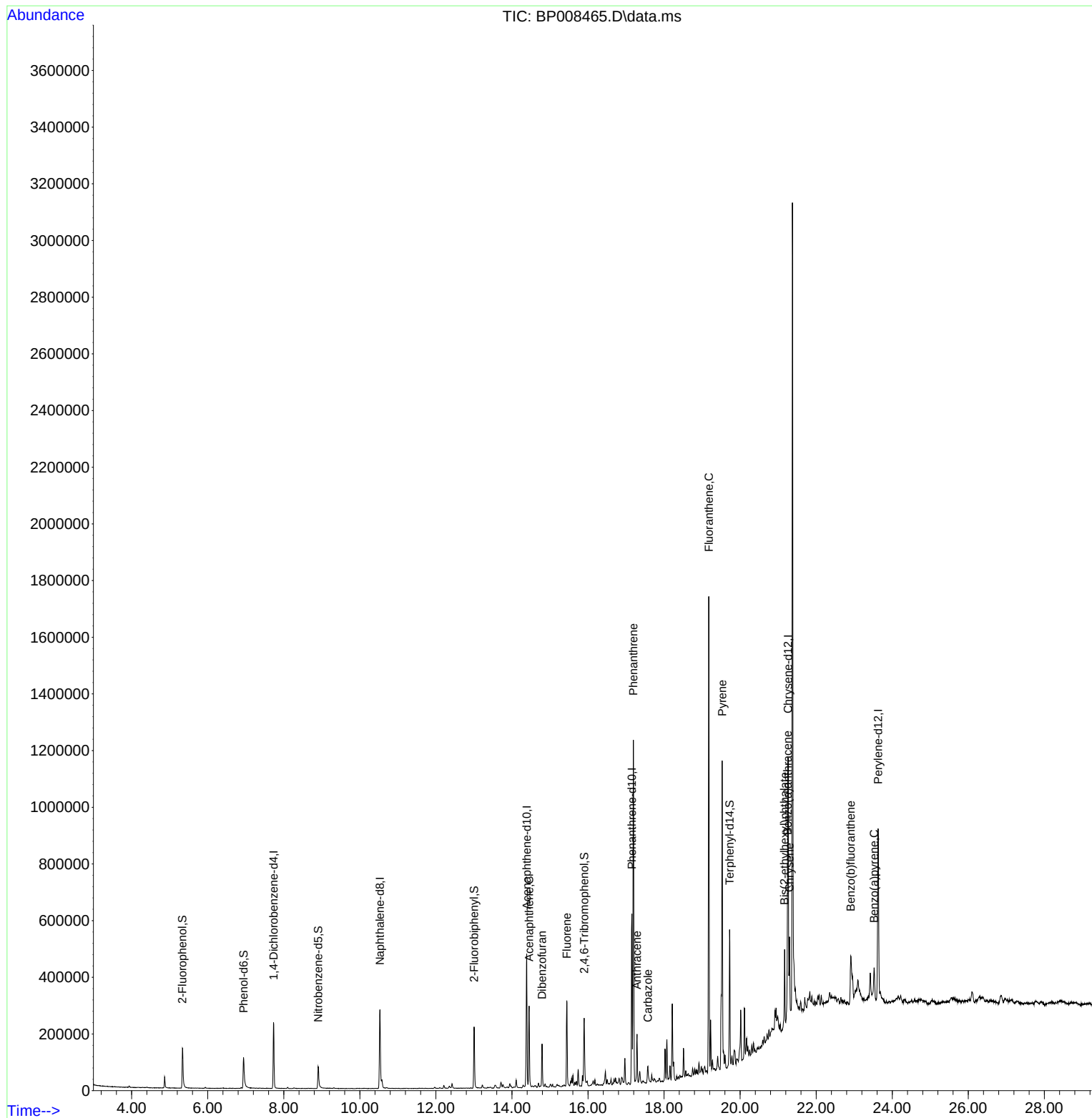
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	62924	20.000	ng	-0.01
21) Naphthalene-d8	10.528	136	234598	20.000	ng	-0.01
39) Acenaphthene-d10	14.387	164	158586	20.000	ng	-0.01
64) Phenanthrene-d10	17.151	188	347228	20.000	ng	-0.01
76) Chrysene-d12	21.263	240	405667	20.000	ng	0.00
86) Perylene-d12	23.627	264	453405	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	68213	17.120	ng	-0.01
7) Phenol-d6	6.940	99	87218	16.298	ng	0.00
23) Nitrobenzene-d5	8.905	82	60775	10.975	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	41184	17.671	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	117983	9.457	ng	-0.01
79) Terphenyl-d14	19.722	244	221151	9.488	ng	-0.01
Target Compounds						
						Qvalue
52) Acenaphthene	14.451	154	99367	11.629	ng	96
55) Dibenzofuran	14.792	168	94733	6.517	ng	98
58) Fluorene	15.445	166	137700	12.219	ng	99
71) Phenanthrene	17.192	178	727119	38.658	ng	99
72) Anthracene	17.286	178	105963	5.710	ng	98
73) Carbazole	17.575	167	37526	2.210	ng	99
75) Fluoranthene	19.175	202	958888	45.155	ng	98
78) Pyrene	19.528	202	645036	22.224	ng	100
81) Benzo(a)anthracene	21.245	228	196564	7.230	ng	99
83) Chrysene	21.298	228	164998	6.354	ng	98
84) Bis(2-ethylhexyl)phtha...	21.169	149	84621	5.687	ng	98
88) Benzo(b)fluoranthene	22.910	252	152551	5.593	ng	100
90) Benzo(a)pyrene	23.521	252	77453	3.272	ng	97

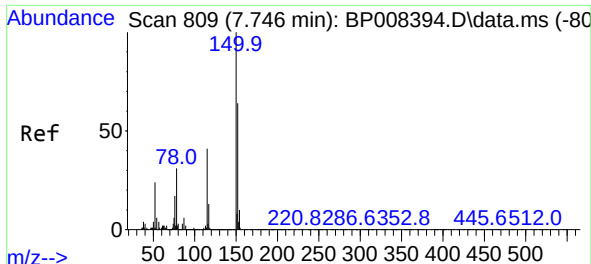
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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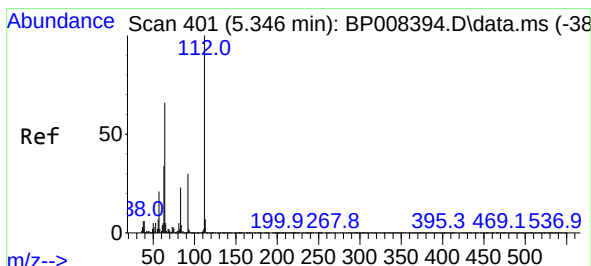
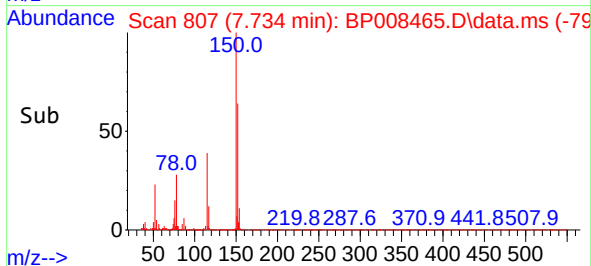
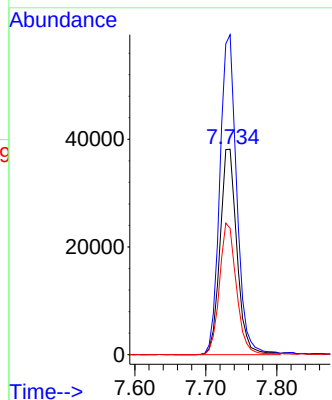
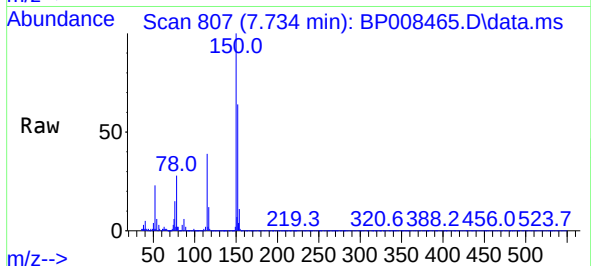




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.734 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP008465.D
Acq: 16 Dec 2021 22:11

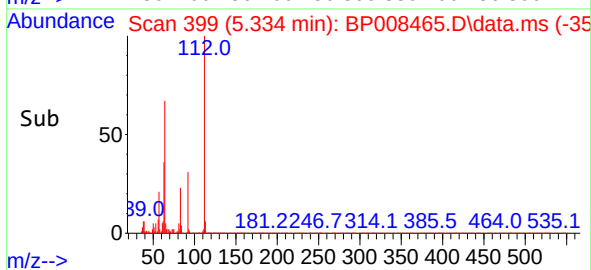
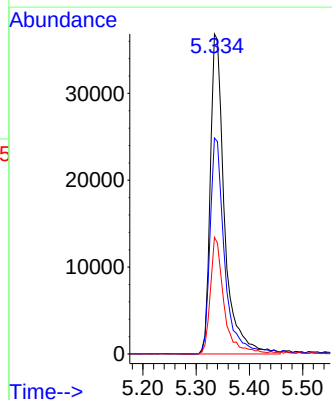
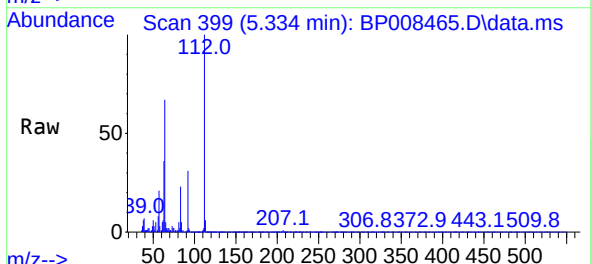
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BNA_P
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PSC-124035DL

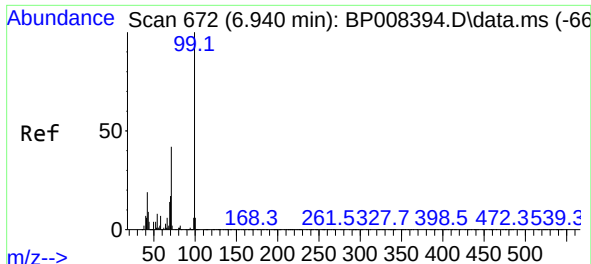
Tgt Ion:152 Resp: 62924
Ion Ratio Lower Upper
152 100
150 155.7 125.7 188.5
115 61.5 50.7 76.1



#5
2-Fluorophenol
Concen: 17.120 ng
RT: 5.334 min Scan# 399
Delta R.T. -0.012 min
Lab File: BP008465.D
Acq: 16 Dec 2021 22:11

Tgt Ion:112 Resp: 68213
Ion Ratio Lower Upper
112 100
64 67.5 53.4 80.2
63 36.4 27.8 41.8

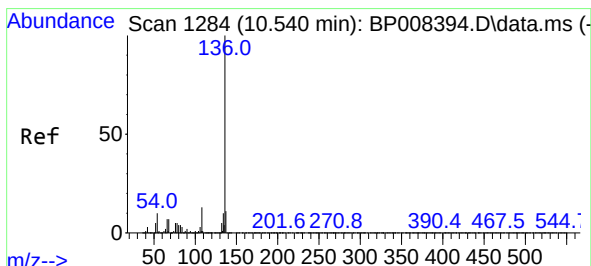
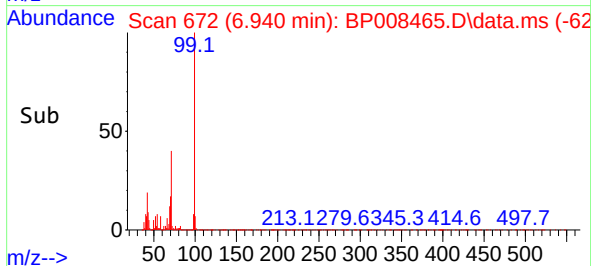
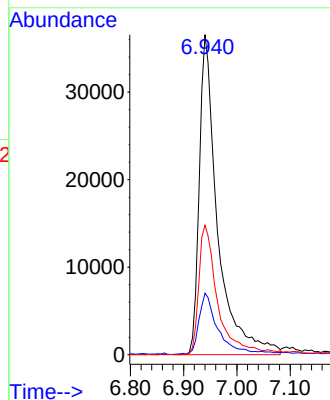
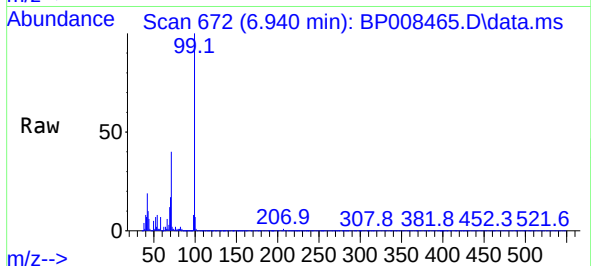




#7
Phenol-d6
Concen: 16.298 ng
RT: 6.940 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP008465.D
Acq: 16 Dec 2021 22:11

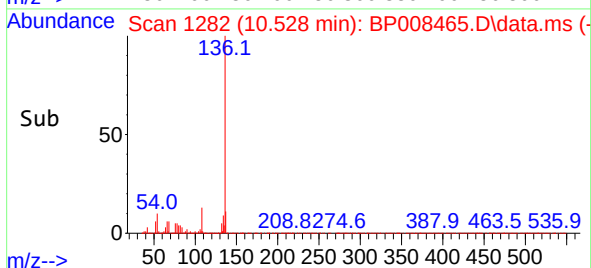
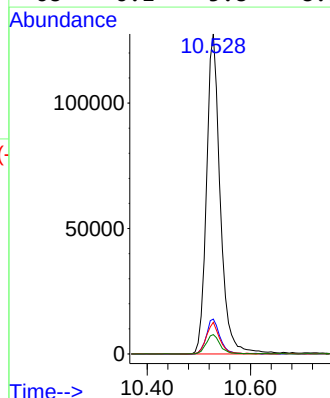
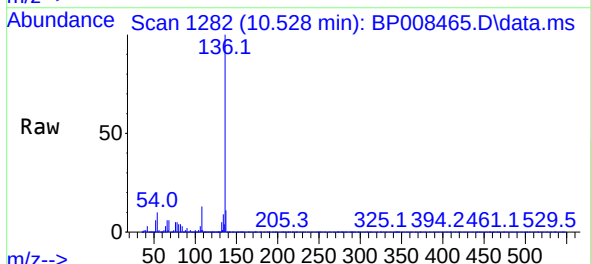
Instrument :
BNA_P
ClientSampleId :
PSC-124035DL

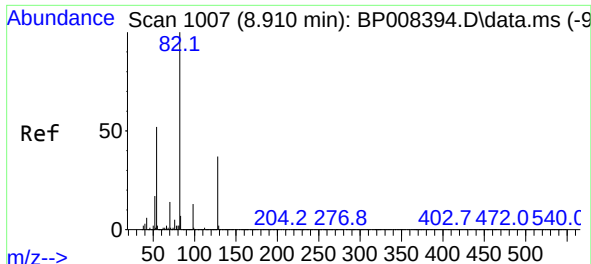
Tgt Ion:	99	Resp:	87218
Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.6	22.0
71	40.5	31.1	46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.528 min Scan# 1282
Delta R.T. -0.012 min
Lab File: BP008465.D
Acq: 16 Dec 2021 22:11

Tgt Ion:	136	Resp:	234598
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	9.9	8.2	12.4
68	6.1	5.8	8.8





#23

Nitrobenzene-d5

Concen: 10.975 ng

RT: 8.905 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BP008465.D

Acq: 16 Dec 2021 22:11

Instrument :

BNA_P

ClientSampleId :

PSC-124035DL

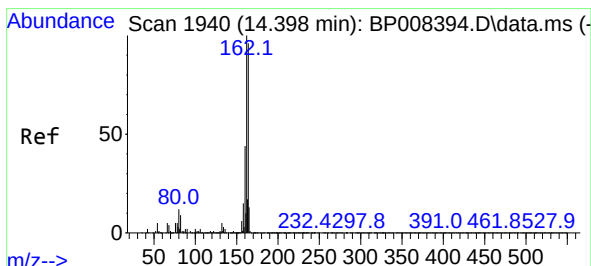
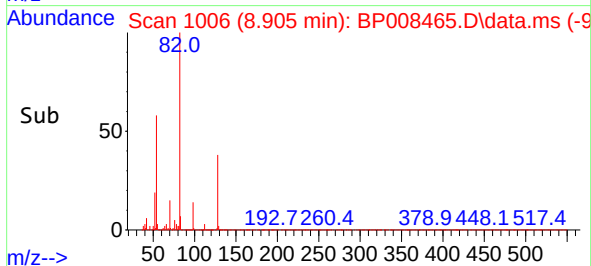
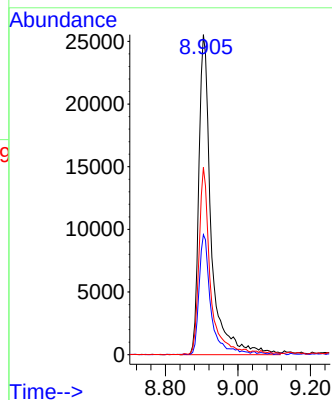
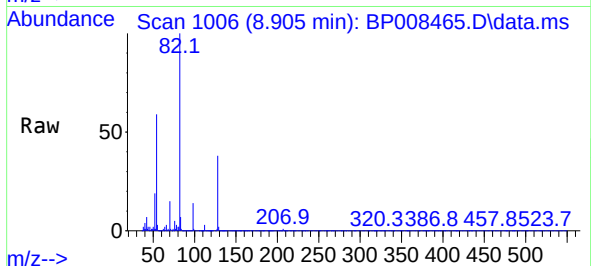
Tgt Ion: 82 Resp: 60775

Ion Ratio Lower Upper

82 100

128 37.5 29.6 44.4

54 58.5 42.7 64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.387 min Scan# 1938

Delta R.T. -0.011 min

Lab File: BP008465.D

Acq: 16 Dec 2021 22:11

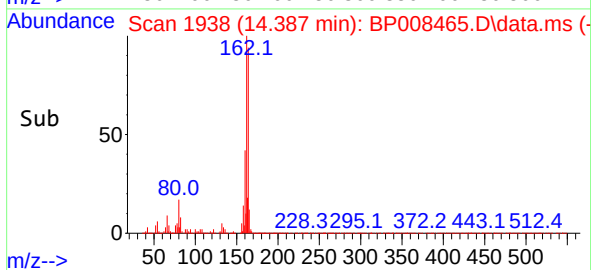
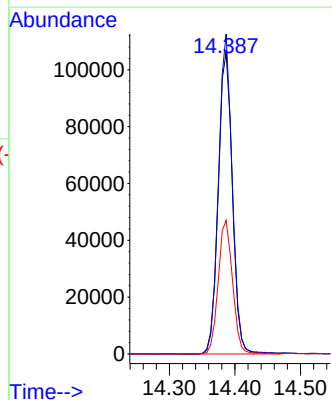
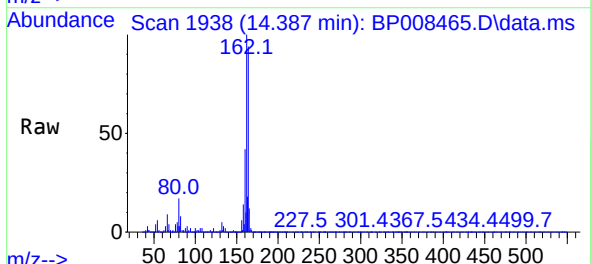
Tgt Ion: 164 Resp: 158586

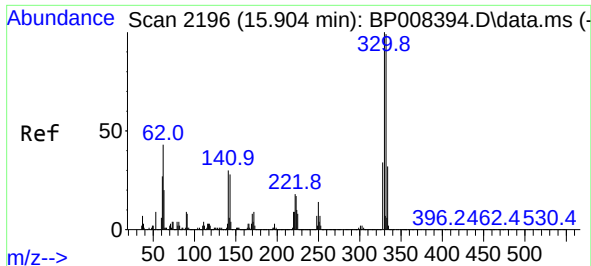
Ion Ratio Lower Upper

164 100

162 106.2 81.9 122.9

160 44.3 35.4 53.0

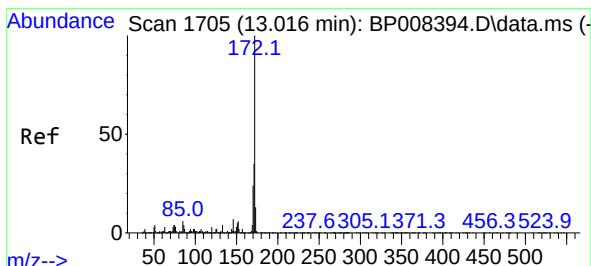
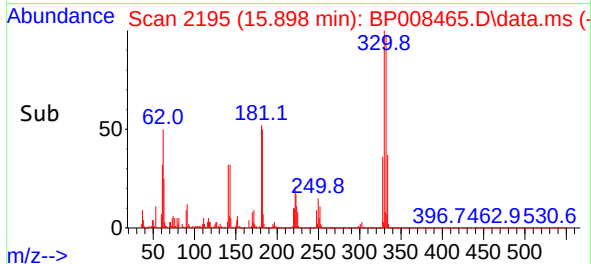
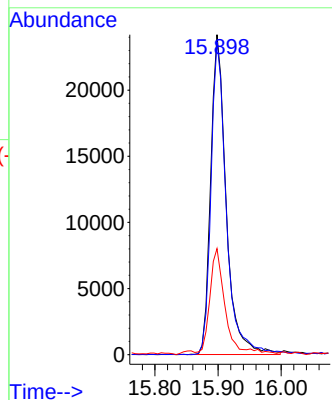
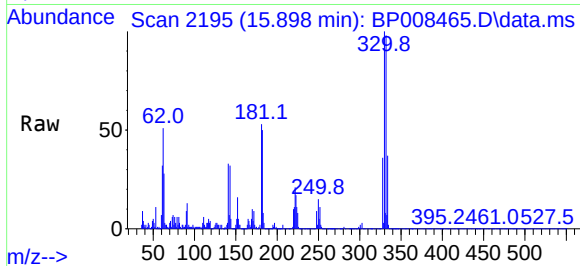




#42
2,4,6-Tribromophenol
Concen: 17.671 ng
RT: 15.898 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BP008465.D
Acq: 16 Dec 2021 22:11

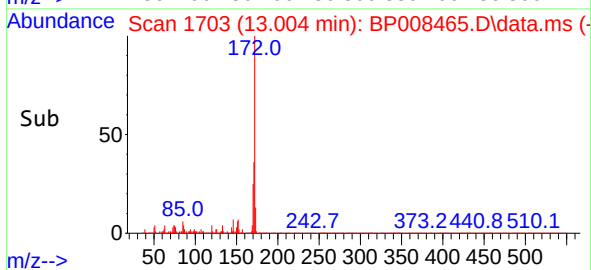
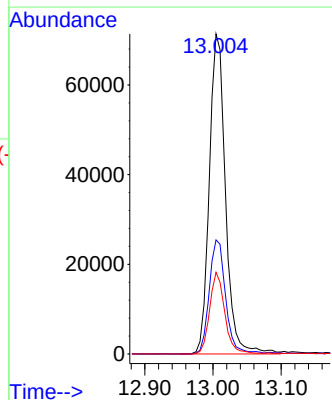
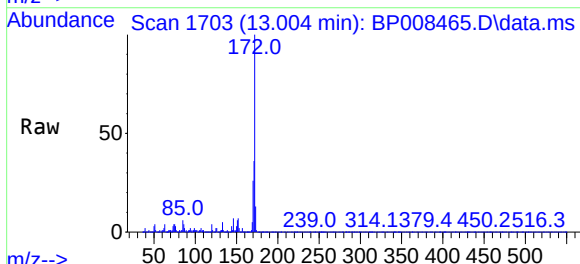
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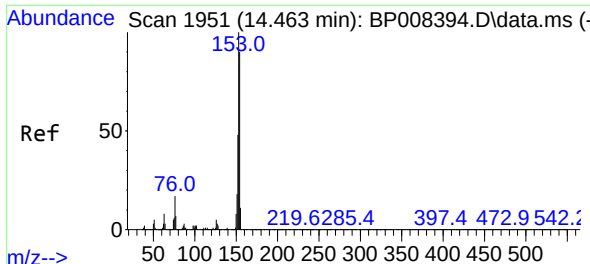
Tgt Ion:	330	Resp:	41184
Ion Ratio	Lower	Upper	
330	100		
332	97.8	77.0	115.4
141	32.0	28.4	42.6



#45
2-Fluorobiphenyl
Concen: 9.457 ng
RT: 13.004 min Scan# 1703
Delta R.T. -0.012 min
Lab File: BP008465.D
Acq: 16 Dec 2021 22:11

Tgt Ion:	172	Resp:	117983
Ion Ratio	Lower	Upper	
172	100		
171	35.6	28.0	42.0
170	25.5	18.9	28.3

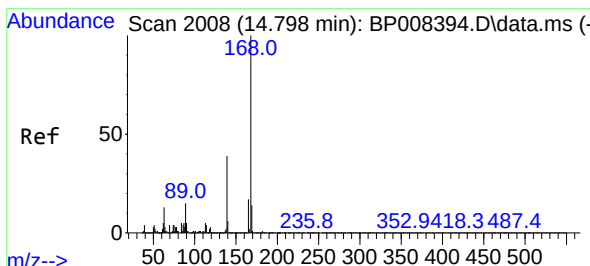
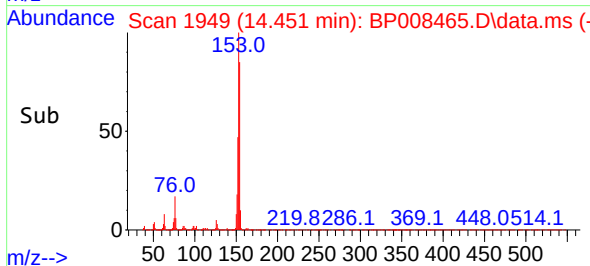
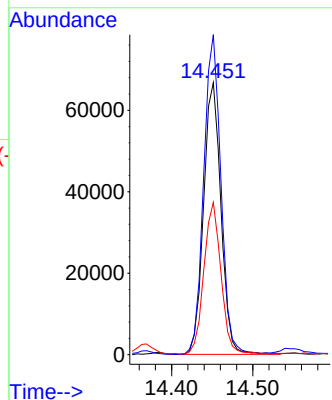
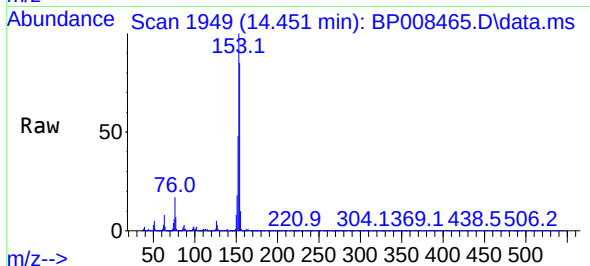




#52
Acenaphthene
Concen: 11.629 ng
RT: 14.451 min Scan# 1951
Delta R.T. -0.012 min
Lab File: BP008465.D
Acq: 16 Dec 2021 22:11

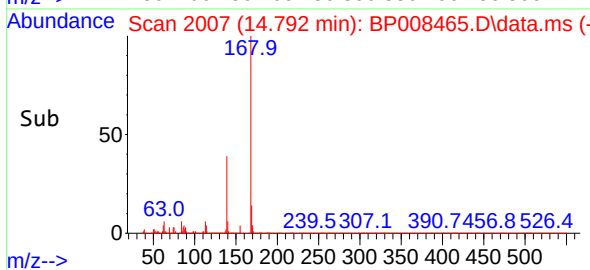
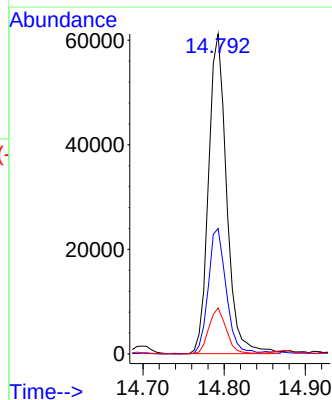
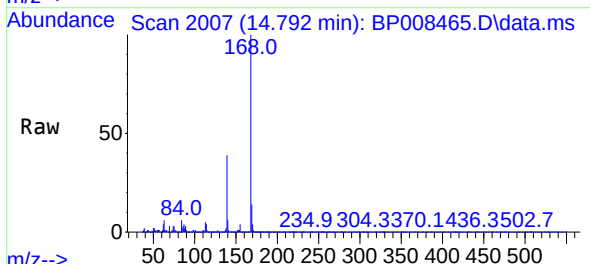
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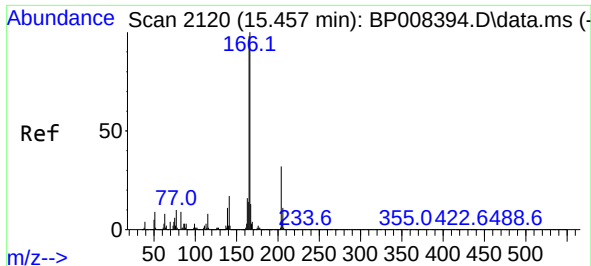
Tgt Ion:154 Resp: 99367
Ion Ratio Lower Upper
154 100
153 117.7 90.3 135.5
152 56.0 43.3 64.9



#55
Dibenzofuran
Concen: 6.517 ng
RT: 14.792 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BP008465.D
Acq: 16 Dec 2021 22:11

Tgt Ion:168 Resp: 94733
Ion Ratio Lower Upper
168 100
139 39.2 30.6 46.0
169 14.4 11.0 16.4

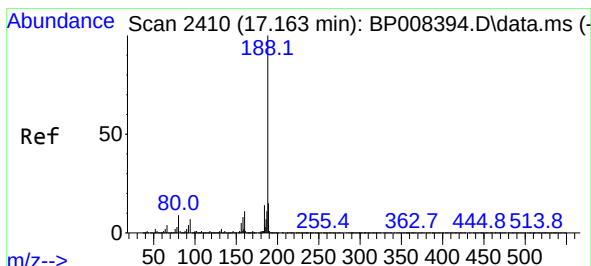
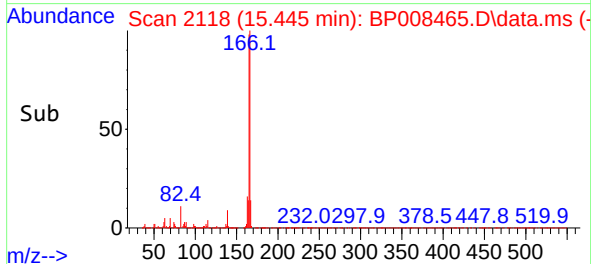
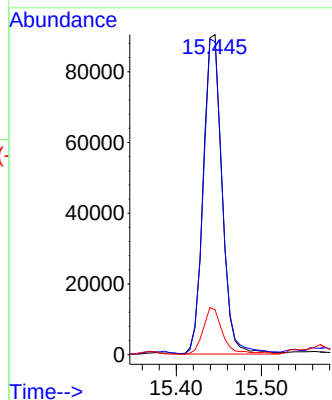
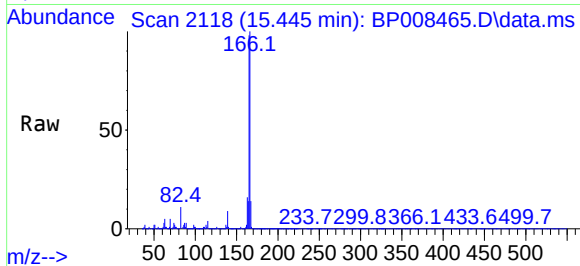




#58
Fluorene
Concen: 12.219 ng
RT: 15.445 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008465.D
Acq: 16 Dec 2021 22:11

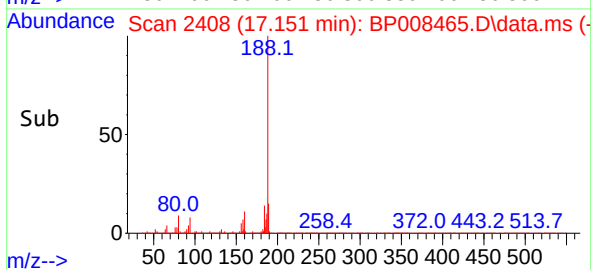
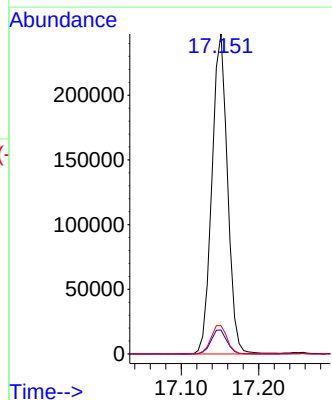
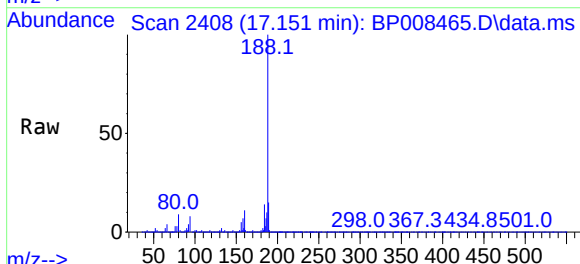
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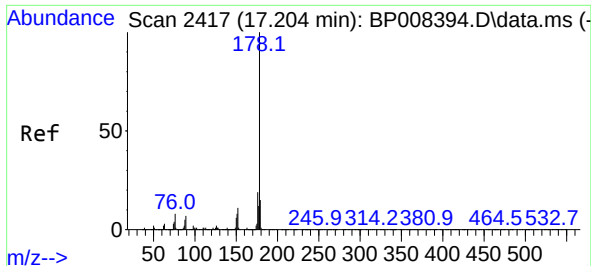
Tgt Ion:166 Resp: 137700
Ion Ratio Lower Upper
166 100
165 97.8 79.4 119.2
167 14.0 10.9 16.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2408
Delta R.T. -0.012 min
Lab File: BP008465.D
Acq: 16 Dec 2021 22:11

Tgt Ion:188 Resp: 347228
Ion Ratio Lower Upper
188 100
94 7.5 7.2 10.8
80 8.8 8.2 12.4

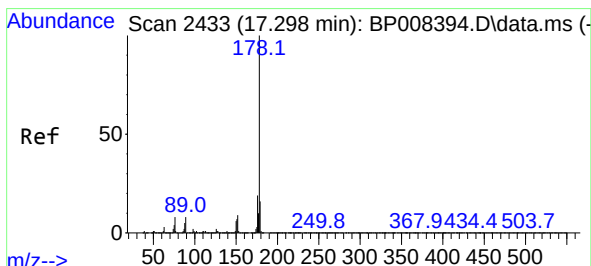
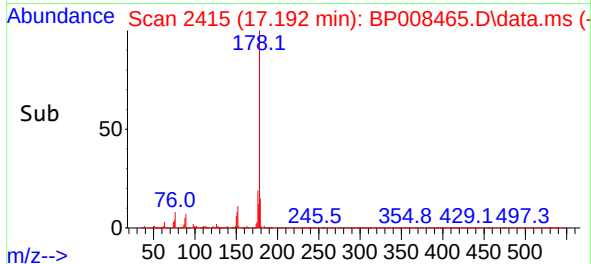
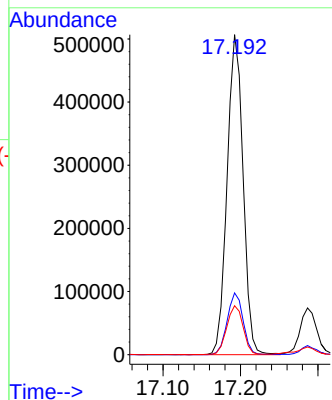
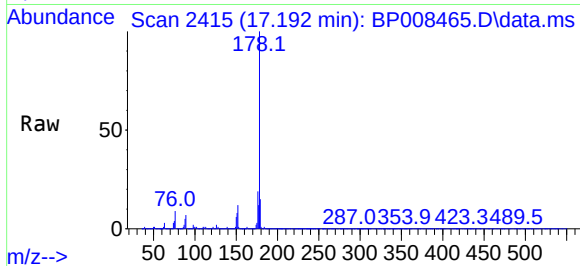




#71
Phenanthrene
Concen: 38.658 ng
RT: 17.192 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BP008465.D
Acq: 16 Dec 2021 22:11

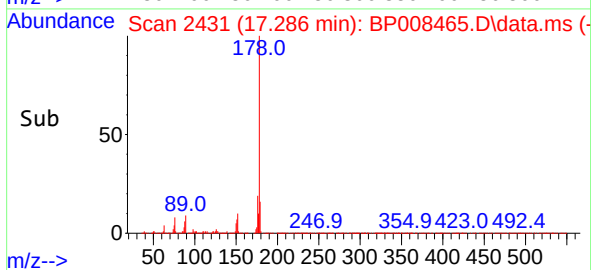
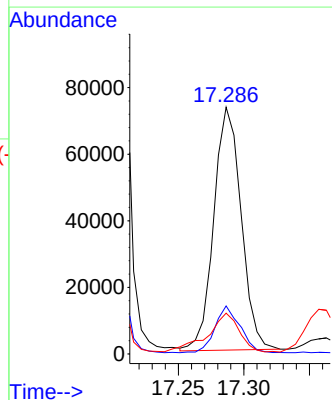
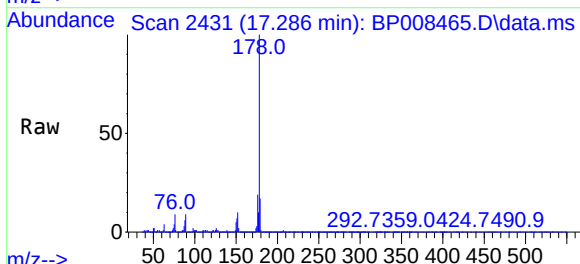
Instrument :
BNA_P
ClientSampleId :
PSC-124035DL

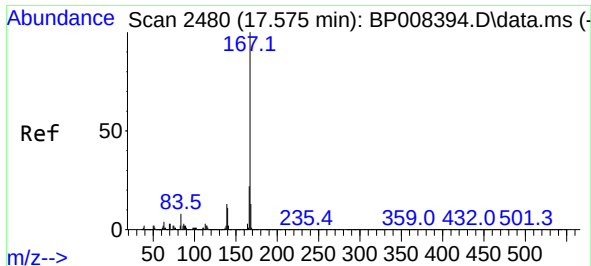
Tgt Ion:178 Resp: 727119
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.3 12.5 18.7



#72
Anthracene
Concen: 5.710 ng
RT: 17.286 min Scan# 2431
Delta R.T. -0.012 min
Lab File: BP008465.D
Acq: 16 Dec 2021 22:11

Tgt Ion:178 Resp: 105963
Ion Ratio Lower Upper
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176 19.5 15.1 22.7
179 16.5 12.3 18.5

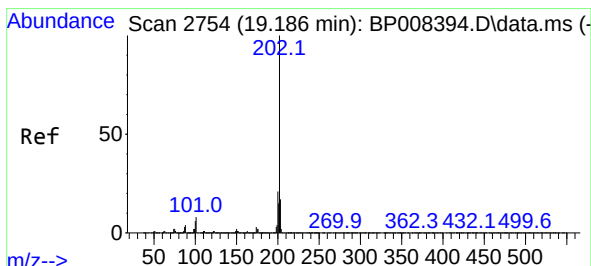
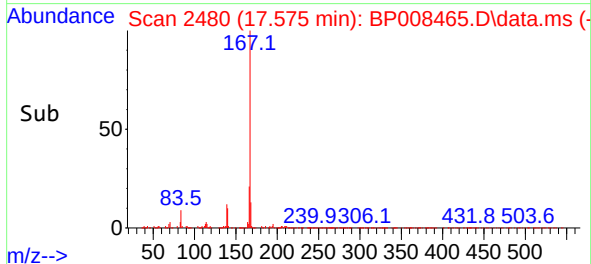
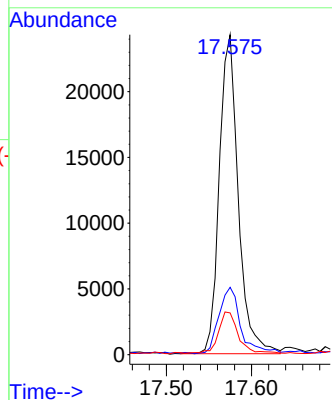
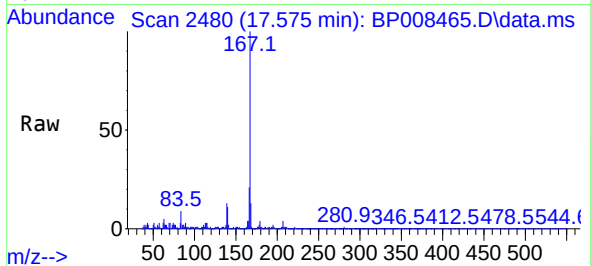




#73
 Carbazole
 Concen: 2.210 ng
 RT: 17.575 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BP008465.D
 Acq: 16 Dec 2021 22:11

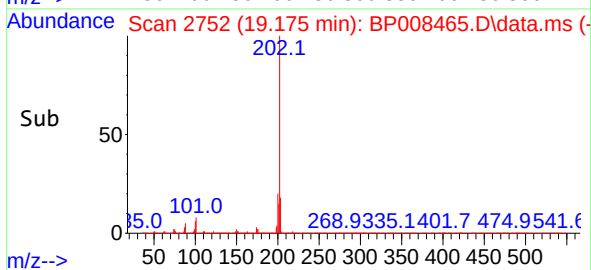
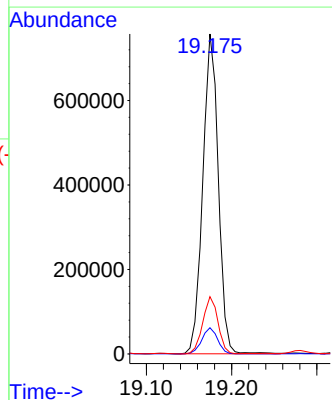
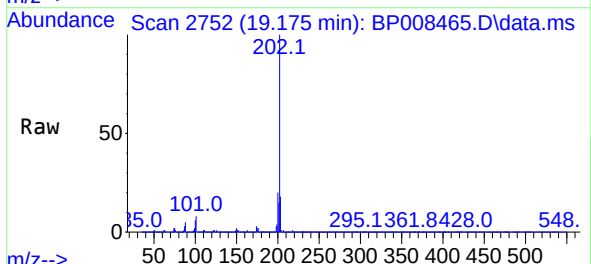
Instrument :
 BNA_P
 ClientSampleId :
 PSC-124035DL

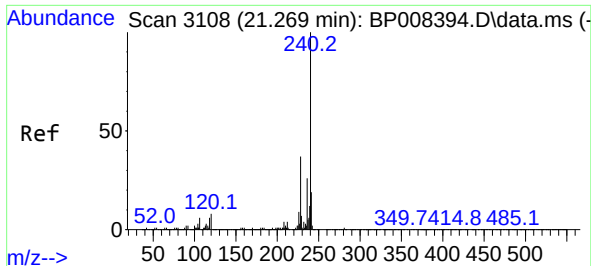
Tgt Ion:	167	Resp:	37526
Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.4	26.0
139	13.1	10.2	15.2



#75
 Fluoranthene
 Concen: 45.155 ng
 RT: 19.175 min Scan# 2752
 Delta R.T. -0.012 min
 Lab File: BP008465.D
 Acq: 16 Dec 2021 22:11

Tgt Ion:	202	Resp:	958888
Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	29.8
203	17.9	0.0	37.7

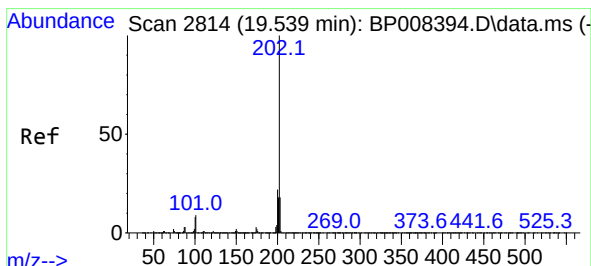
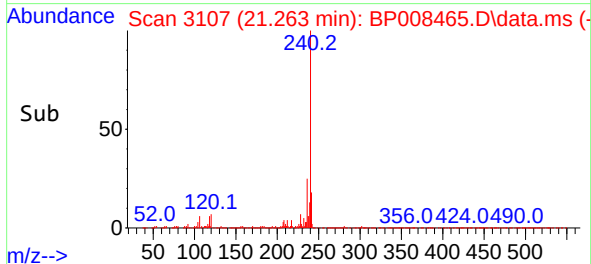
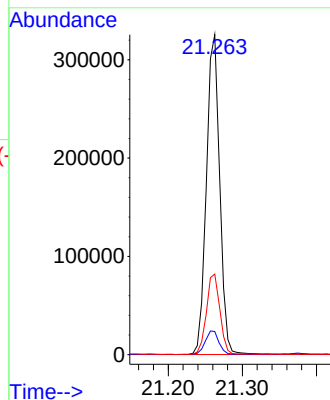
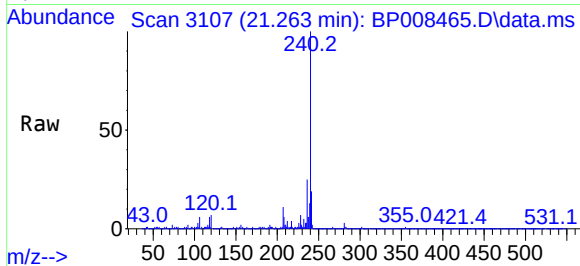




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.263 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP008465.D
Acq: 16 Dec 2021 22:11

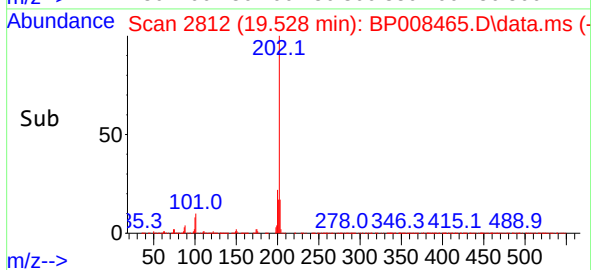
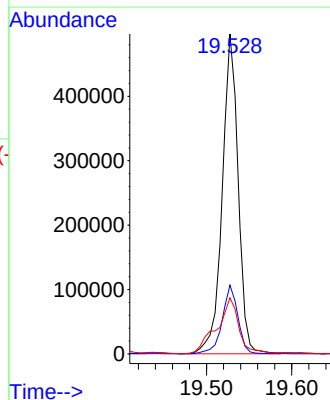
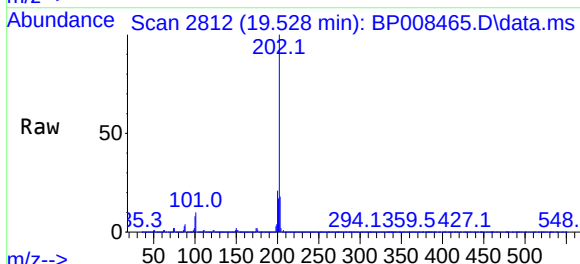
Instrument :
BNA_P
ClientSampleId :
PSC-124035DL

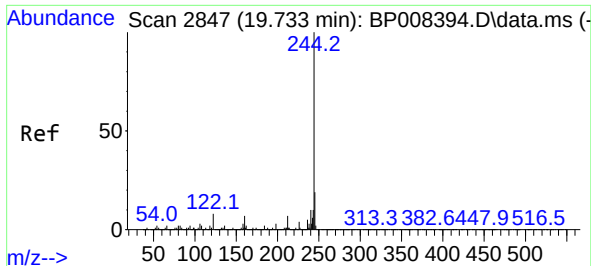
Tgt Ion:240 Resp: 405667
Ion Ratio Lower Upper
240 100
120 7.3 7.3 10.9
236 25.2 21.4 32.2



#78
Pyrene
Concen: 22.224 ng
RT: 19.528 min Scan# 2812
Delta R.T. -0.012 min
Lab File: BP008465.D
Acq: 16 Dec 2021 22:11

Tgt Ion:202 Resp: 645036
Ion Ratio Lower Upper
202 100
200 21.5 17.1 25.7
203 17.5 14.2 21.2



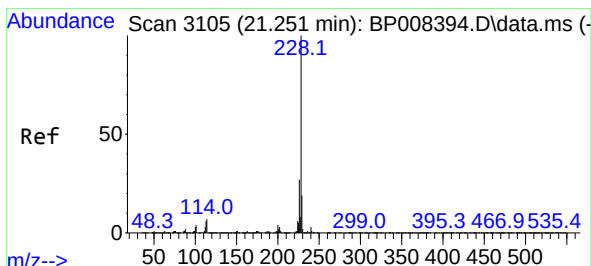
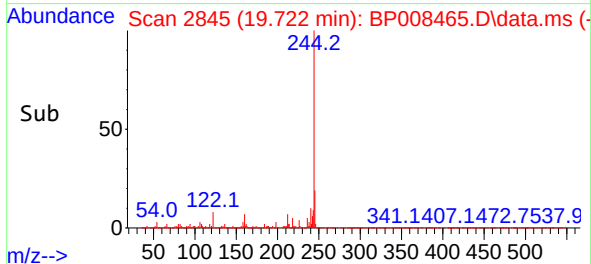
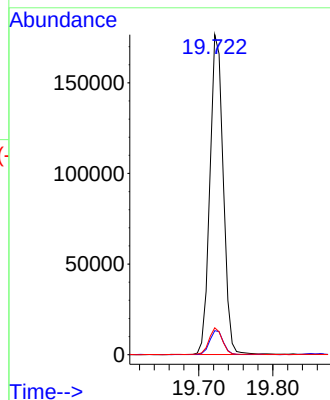
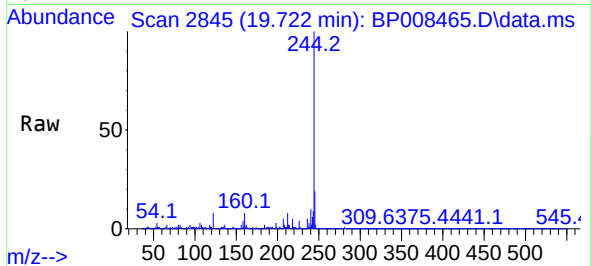


#79
 Terphenyl-d14
 Concen: 9.488 ng
 RT: 19.722 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP008465.D
 Acq: 16 Dec 2021 22:11

Instrument :
 BNA_P
 ClientSampleId :
 PSC-124035DL

Tgt Ion:244 Resp: 221151

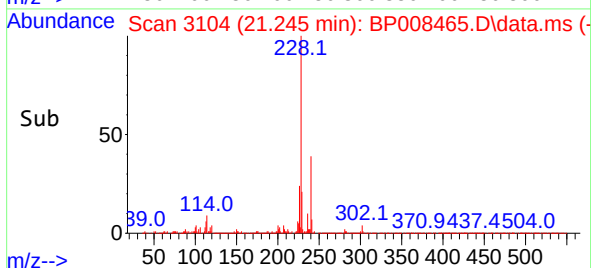
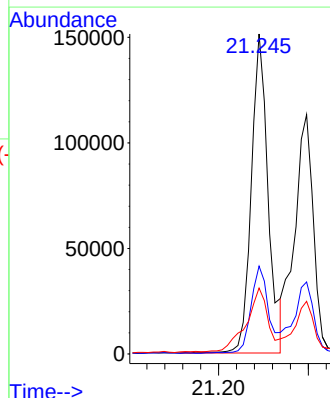
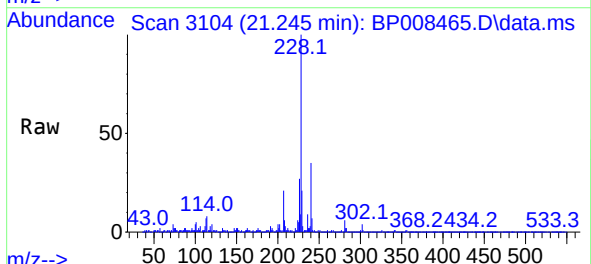
Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	8.4	6.6	9.8

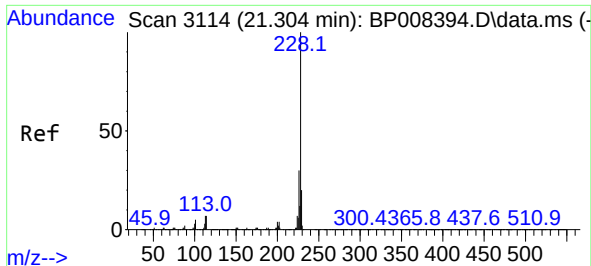


#81
 Benzo(a)anthracene
 Concen: 7.230 ng
 RT: 21.245 min Scan# 3104
 Delta R.T. -0.006 min
 Lab File: BP008465.D
 Acq: 16 Dec 2021 22:11

Tgt Ion:228 Resp: 196564

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.9	32.9
229	20.6	15.9	23.9

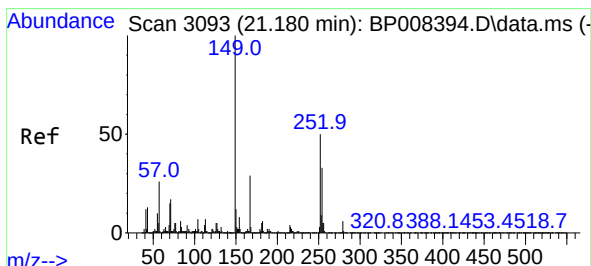
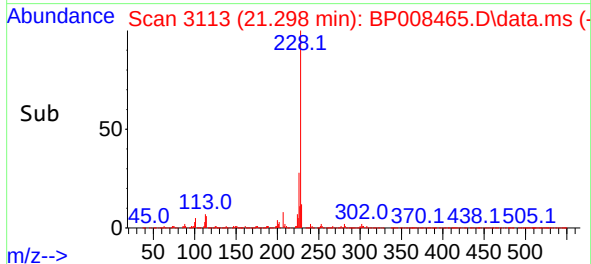
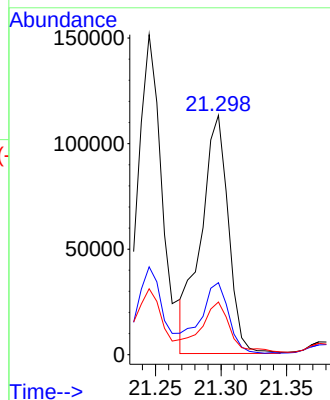
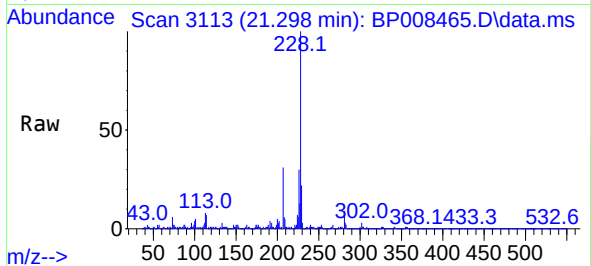




#83
Chrysene
Concen: 6.354 ng
RT: 21.298 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BP008465.D
Acq: 16 Dec 2021 22:11

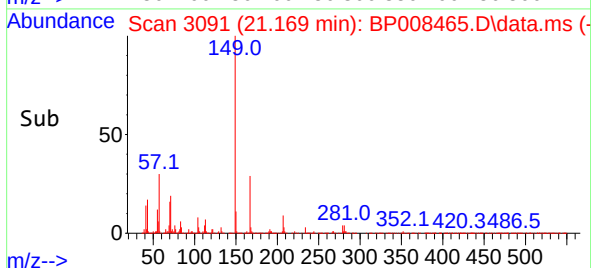
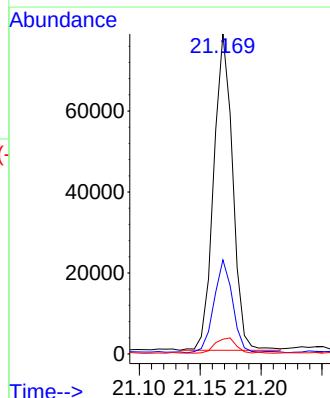
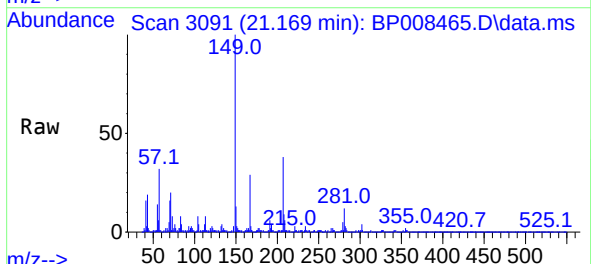
Instrument :
BNA_P
ClientSampleId :
PSC-124035DL

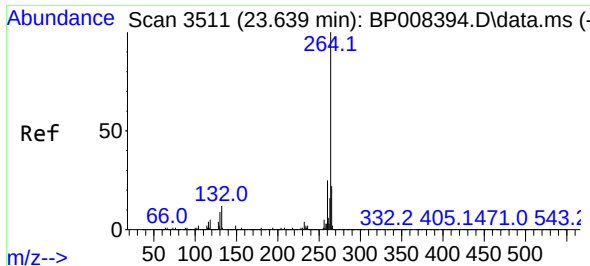
Tgt Ion:228 Resp: 164998
Ion Ratio Lower Upper
228 100
226 30.1 24.0 36.0
229 22.0 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 5.687 ng
RT: 21.169 min Scan# 3091
Delta R.T. -0.012 min
Lab File: BP008465.D
Acq: 16 Dec 2021 22:11

Tgt Ion:149 Resp: 84621
Ion Ratio Lower Upper
149 100
167 29.4 22.5 33.7
279 4.6 3.5 5.3

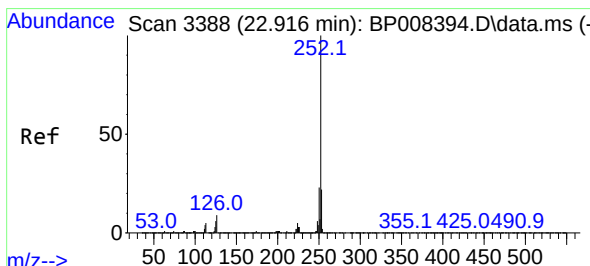
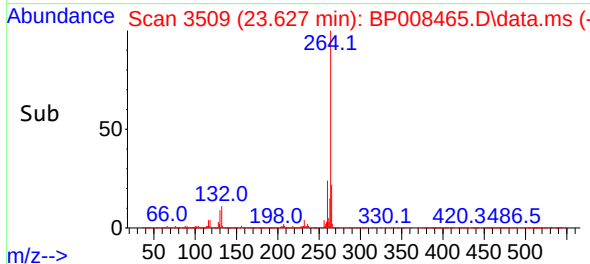
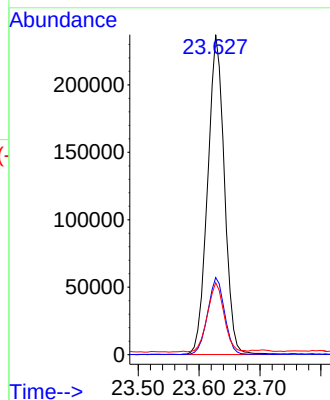
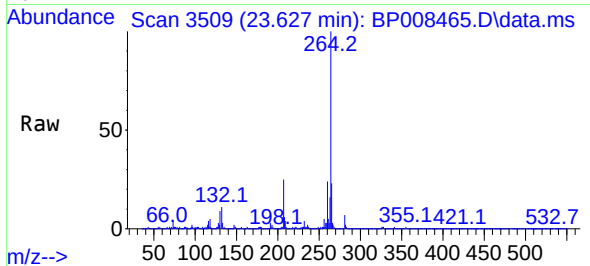




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.627 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BP008465.D
 Acq: 16 Dec 2021 22:11

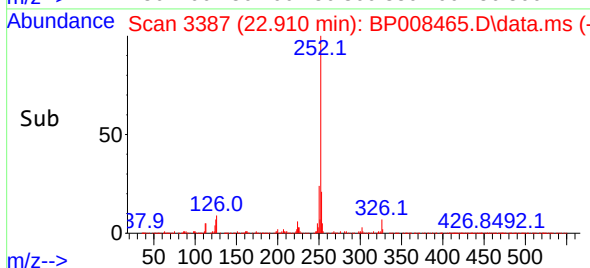
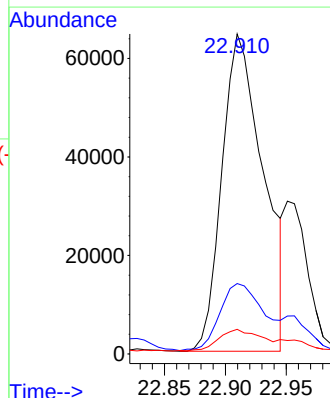
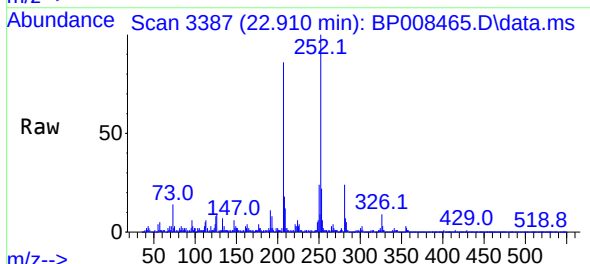
Instrument :
 BNA_P
 ClientSampleId :
 PSC-124035DL

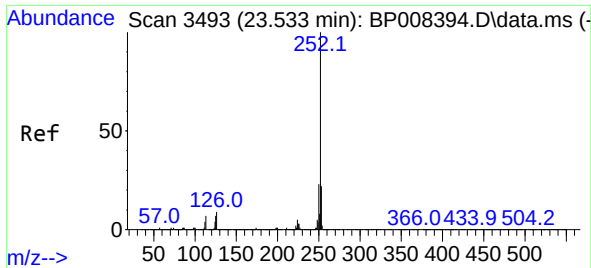
Tgt Ion:264 Resp: 453405
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 22.5 17.6 26.4



#88
 Benzo(b)fluoranthene
 Concen: 5.593 ng
 RT: 22.910 min Scan# 3387
 Delta R.T. -0.006 min
 Lab File: BP008465.D
 Acq: 16 Dec 2021 22:11

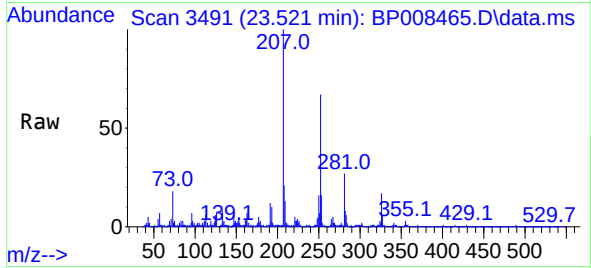
Tgt Ion:252 Resp: 152551
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.7 26.5
 125 7.7 6.2 9.4





#90
Benzo(a)pyrene
Concen: 3.272 ng
RT: 23.521 min Scan# 34
Delta R.T. -0.012 min
Lab File: BP008465.D
Acq: 16 Dec 2021 22:11

Instrument :
BNA_P
ClientSampleId :
PSC-124035DL



Tgt Ion:252 Resp: 77453
Ion Ratio Lower Upper
252 100
253 24.0 17.6 26.4
125 9.5 7.4 11.0

