

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
 Data File : BP008217.D
 Acq On : 03 Dec 2021 21:58
 Operator : CG/JU
 Sample : M4877-03DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PL-5-120121DL

Quant Time: Dec 06 00:01:20 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)

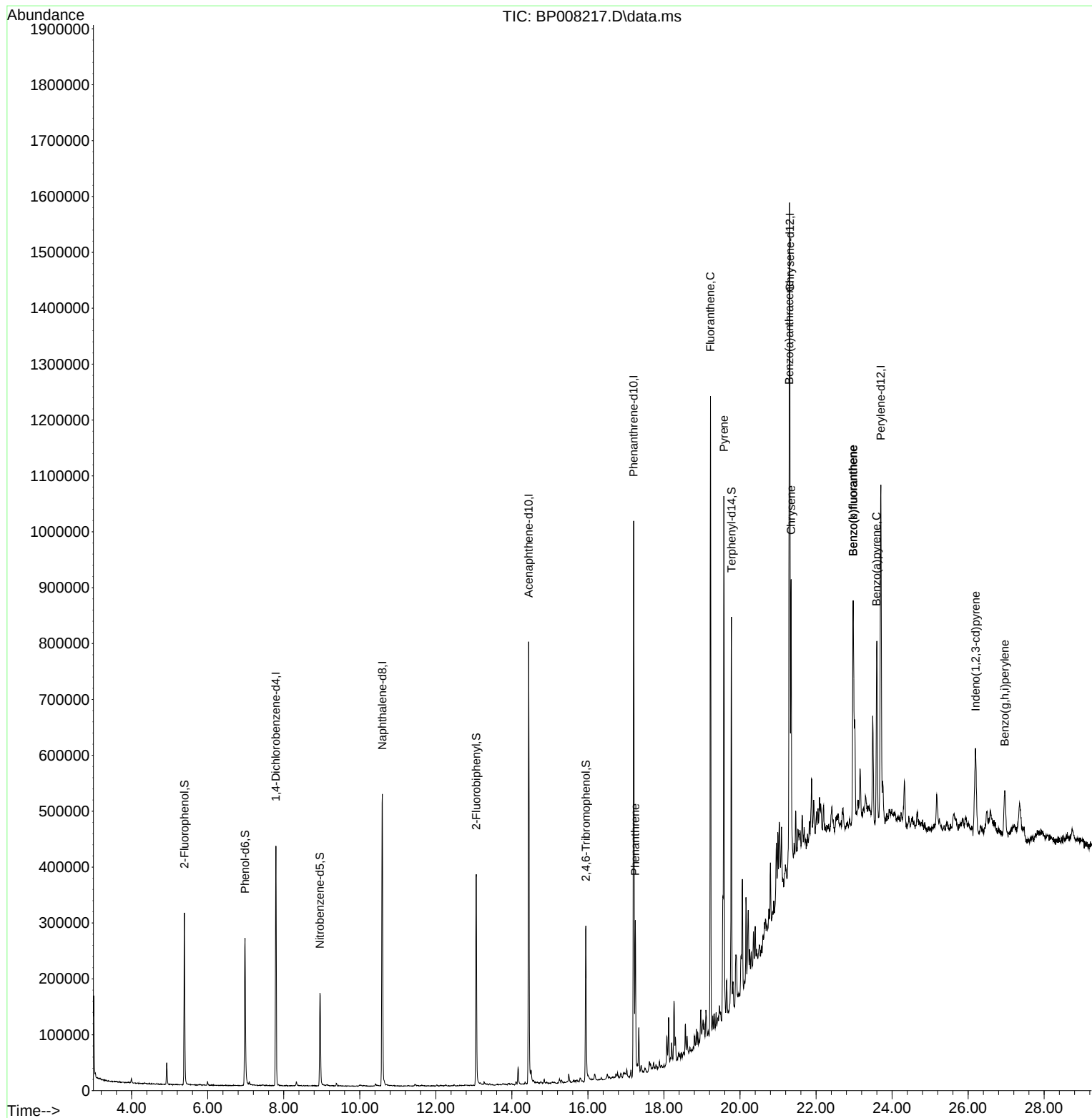
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	107738	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	421458	20.000	ng	0.00
39) Acenaphthene-d10	14.440	164	286184	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	626693	20.000	ng	0.00
76) Chrysene-d12	21.310	240	484221	20.000	ng	# 0.00
86) Perylene-d12	23.704	264	465218	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	122950	18.374	ng	0.00
7) Phenol-d6	6.981	99	153204	16.961	ng	0.00
23) Nitrobenzene-d5	8.952	82	104208	11.244	ng	-0.01
42) 2,4,6-Tribromophenol	15.945	330	59444	16.251	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	209862	10.652	ng	0.00
79) Terphenyl-d14	19.775	244	321109	13.859	ng	0.00
Target Compounds						
9) Benzaldehyde	6.928	77	86	Below Cal		Qvalue # 25
71) Phenanthrene	17.245	178	159168	4.810	ng	99
75) Fluoranthene	19.222	202	664995	14.919	ng	98
78) Pyrene	19.575	202	568731	17.040	ng	99
81) Benzo(a)anthracene	21.292	228	329680	10.273	ng	97
83) Chrysene	21.345	228	280883	9.198	ng	98
87) Indeno(1,2,3-cd)pyrene	26.198	276	140410	4.149	ng	# 95
88) Benzo(b)fluoranthene	22.974	252	371482	13.246	ng	97
89) Benzo(k)fluoranthene	22.974	252	371482	13.530	ng	97
90) Benzo(a)pyrene	23.592	252	221824	9.254	ng	97
92) Benzo(g,h,i)perylene	26.962	276	126251	4.452	ng	98

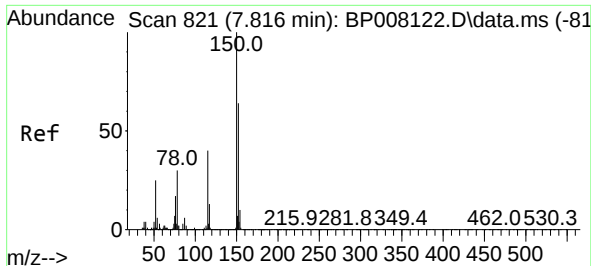
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 03 14:39:24 2021
Response via : Initial Calibration

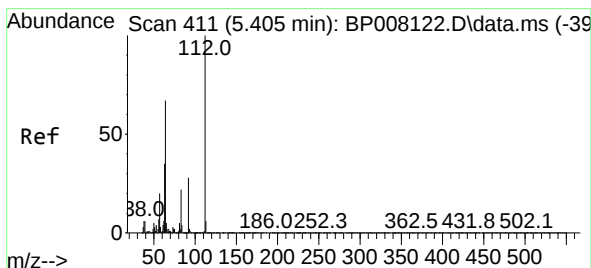
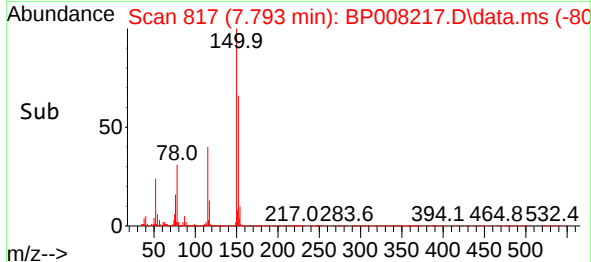
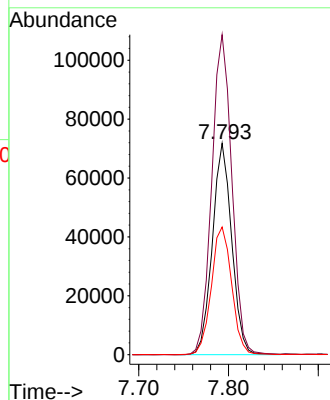
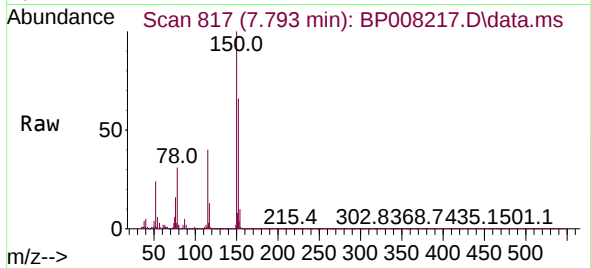




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008217.D
Acq: 03 Dec 2021 21:58

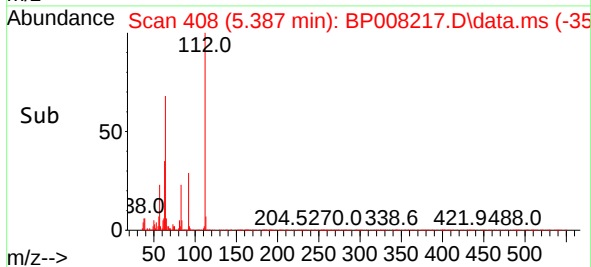
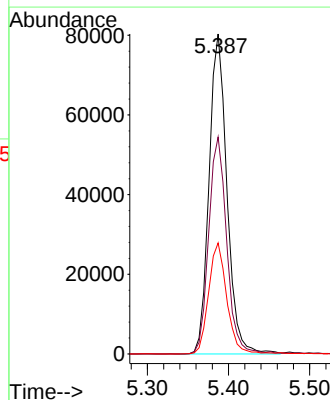
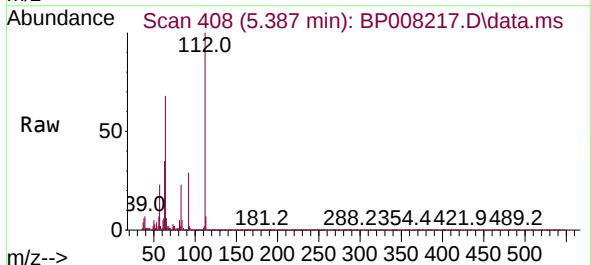
Instrument :
BNA_P
ClientSampleId :
PL-5-120121DL

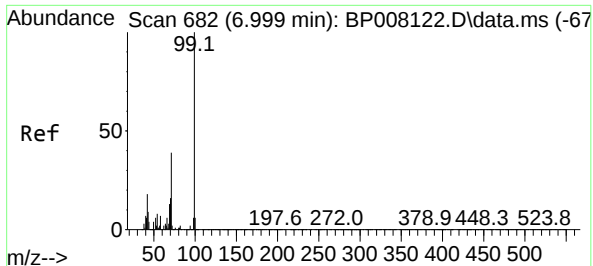
Tgt Ion:152 Resp: 107738
Ion Ratio Lower Upper
152 100
150 151.4 125.7 188.5
115 60.4 50.7 76.1



#5
2-Fluorophenol
Concen: 18.374 ng
RT: 5.387 min Scan# 408
Delta R.T. 0.000 min
Lab File: BP008217.D
Acq: 03 Dec 2021 21:58

Tgt Ion:112 Resp: 122950
Ion Ratio Lower Upper
112 100
64 67.8 53.4 80.2
63 34.7 27.8 41.8

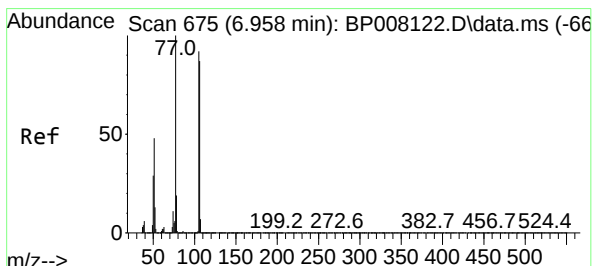
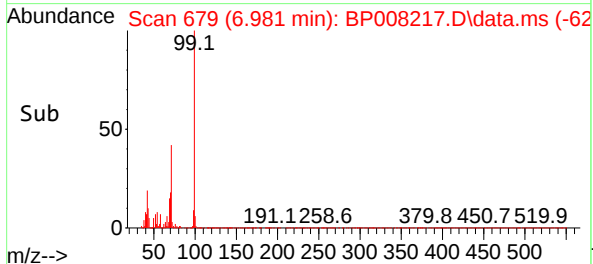
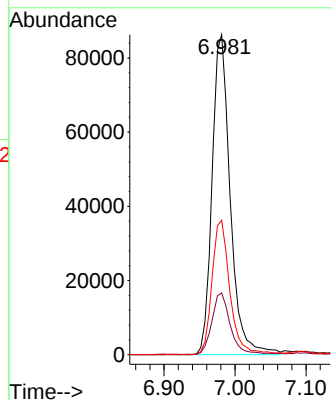
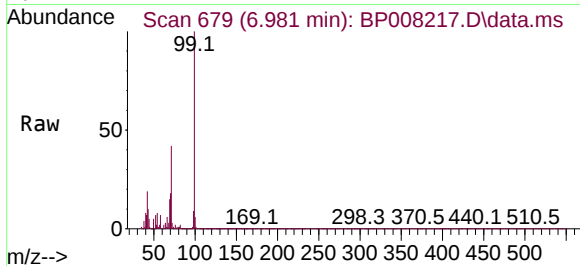




#7
Phenol-d6
Concen: 16.961 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008217.D
Acq: 03 Dec 2021 21:58

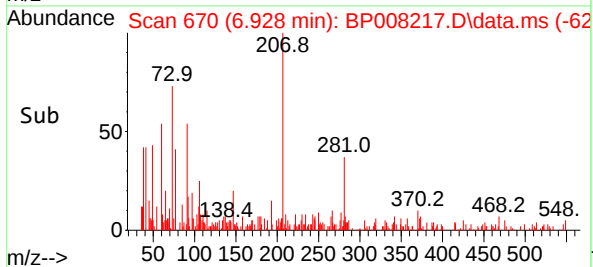
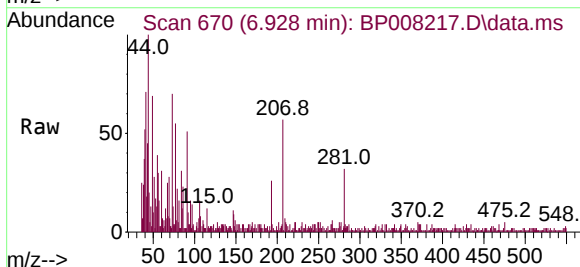
Instrument :
BNA_P
ClientSampleId :
PL-5-120121DL

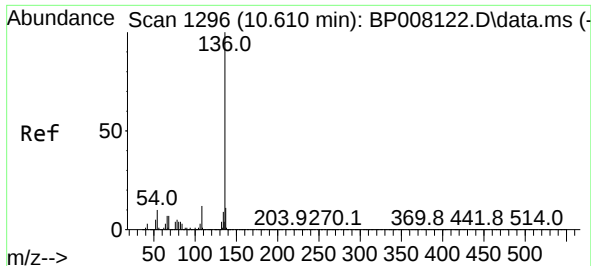
Tgt Ion: 99 Resp: 153204
Ion Ratio Lower Upper
99 100
42 19.3 14.6 22.0
71 42.0 31.1 46.7



#9
Benzaldehyde
Concen: Below Cal
RT: 6.928 min Scan# 670
Delta R.T. -0.012 min
Lab File: BP008217.D
Acq: 03 Dec 2021 21:58

Tgt Ion: 77 Resp: 86
Ion Ratio Lower Upper
77 100
105 11.1 71.8 111.8#
106 26.8 67.3 107.3#

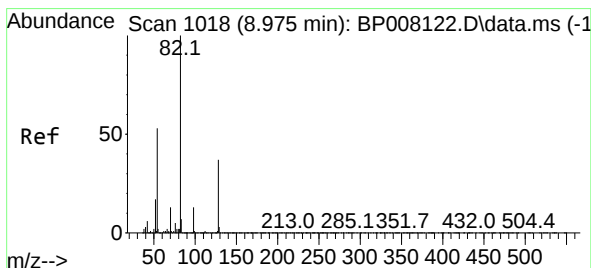
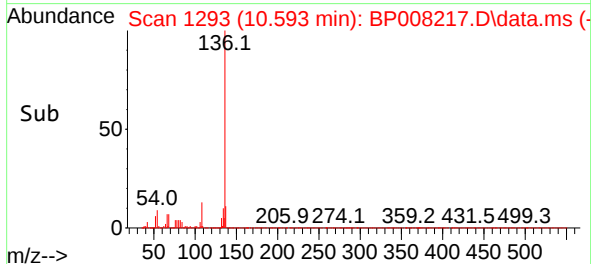
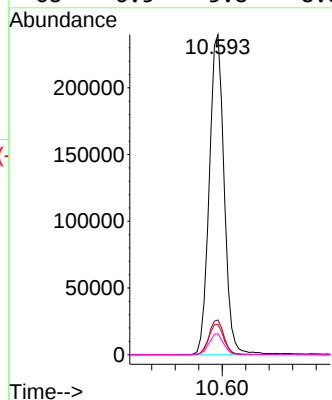
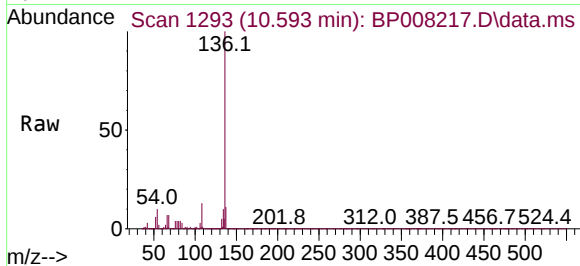




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP008217.D
Acq: 03 Dec 2021 21:58

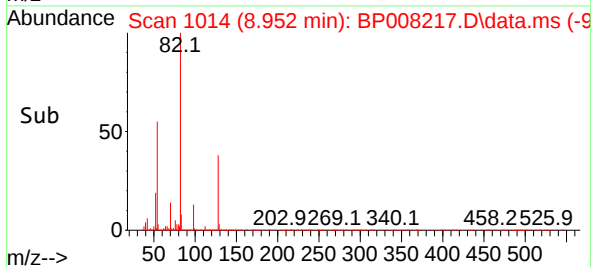
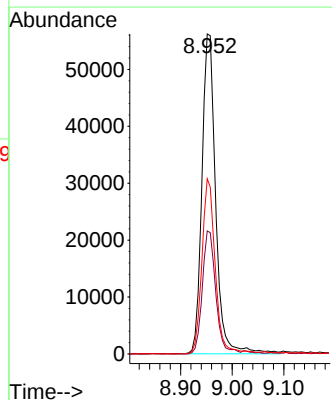
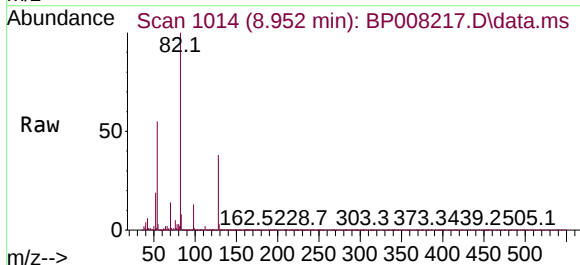
Instrument :
BNA_P
ClientSampleId :
PL-5-120121DL

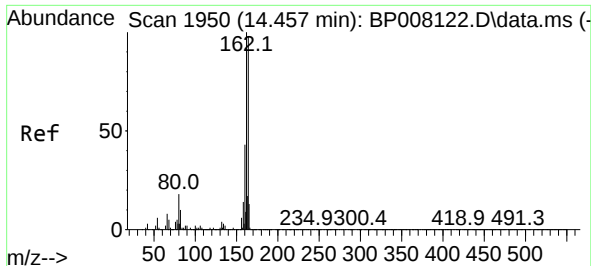
Tgt Ion:	136	Resp:	421458
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	9.5	8.2	12.4
68	6.5	5.8	8.8



#23
Nitrobenzene-d5
Concen: 11.244 ng
RT: 8.952 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BP008217.D
Acq: 03 Dec 2021 21:58

Tgt Ion:	82	Resp:	104208
Ion	Ratio	Lower	Upper
82	100		
128	38.4	29.6	44.4
54	54.7	42.7	64.1

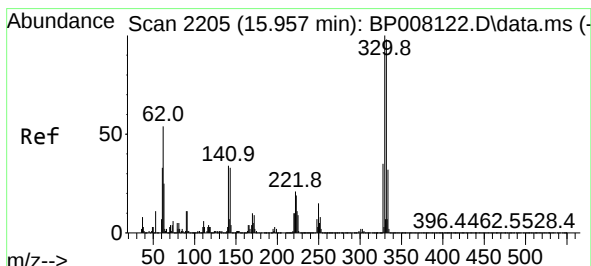
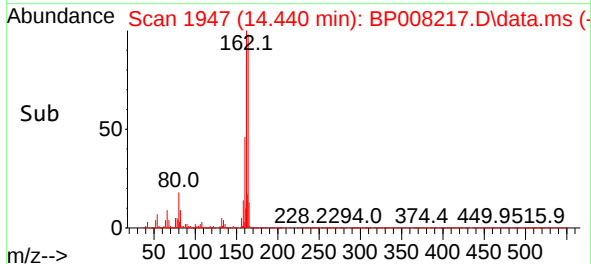
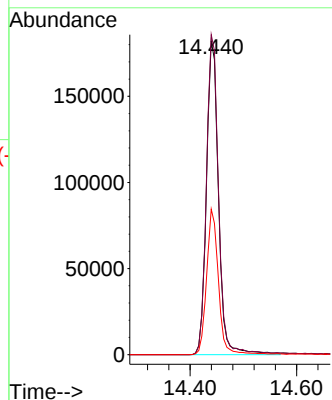
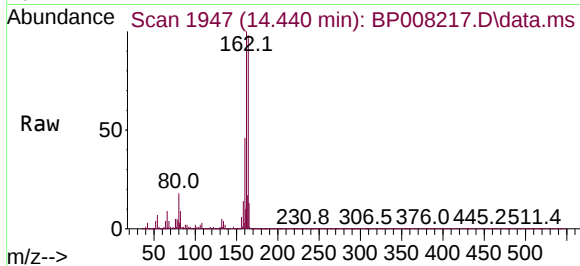




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.440 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP008217.D
Acq: 03 Dec 2021 21:58

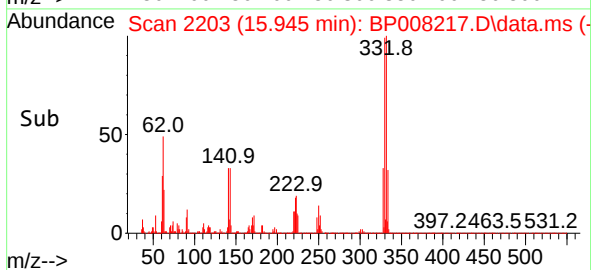
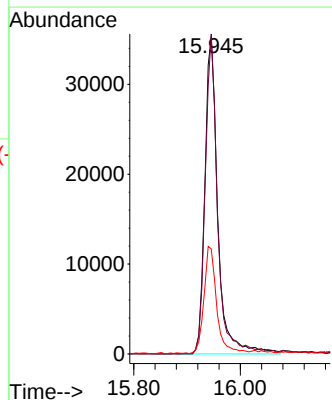
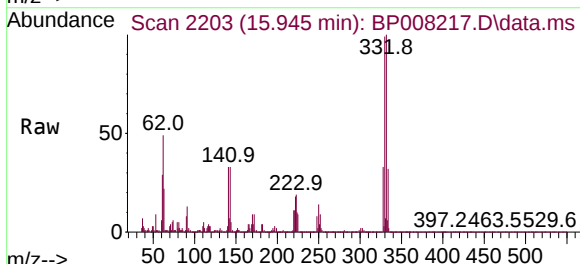
Instrument :
BNA_P
ClientSampleId :
PL-5-120121DL

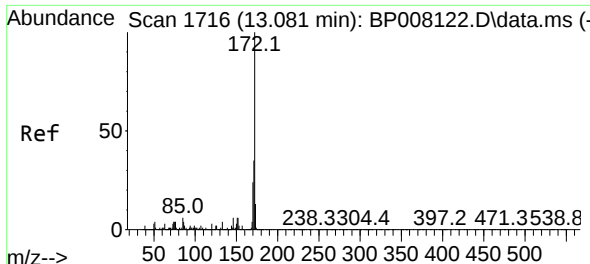
Tgt Ion:164 Resp: 286184
Ion Ratio Lower Upper
164 100
162 102.0 81.9 122.9
160 46.4 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 16.251 ng
RT: 15.945 min Scan# 2203
Delta R.T. -0.006 min
Lab File: BP008217.D
Acq: 03 Dec 2021 21:58

Tgt Ion:330 Resp: 59444
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 33.4 28.4 42.6

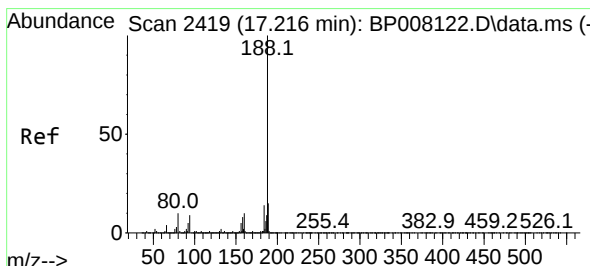
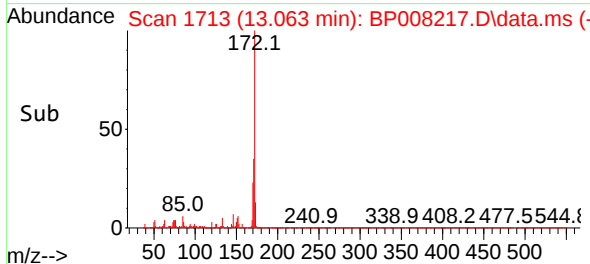
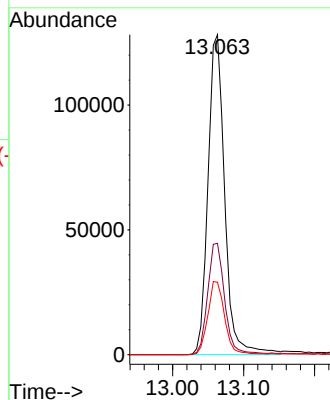
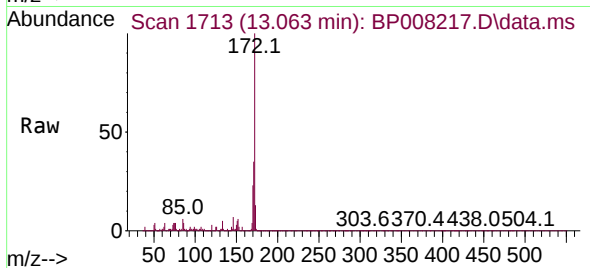




#45
2-Fluorobiphenyl
Concen: 10.652 ng
RT: 13.063 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BP008217.D
Acq: 03 Dec 2021 21:58

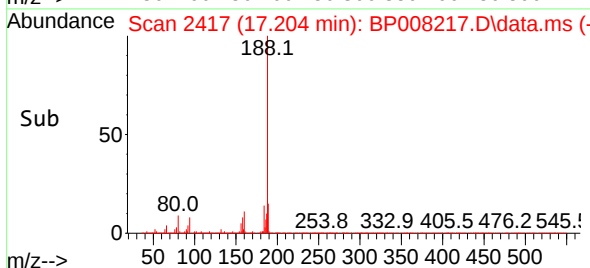
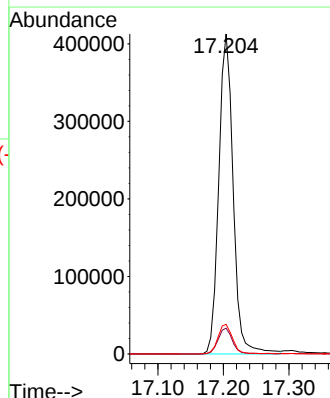
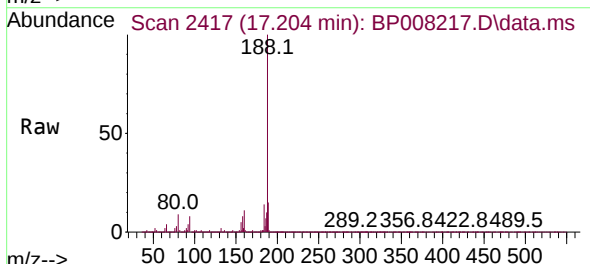
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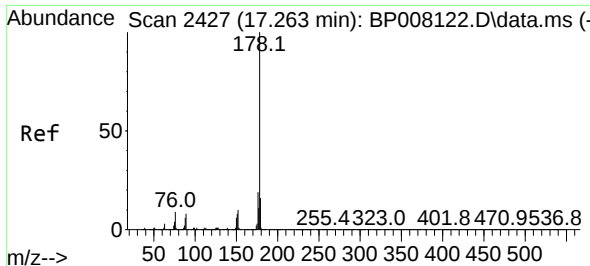
Tgt Ion:172 Resp: 209862
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 22.6 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP008217.D
Acq: 03 Dec 2021 21:58

Tgt Ion:188 Resp: 626693
Ion Ratio Lower Upper
188 100
94 8.1 7.2 10.8
80 9.3 8.2 12.4

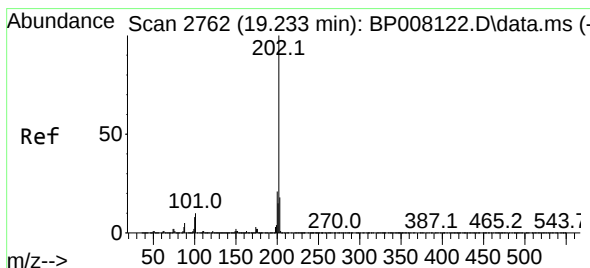
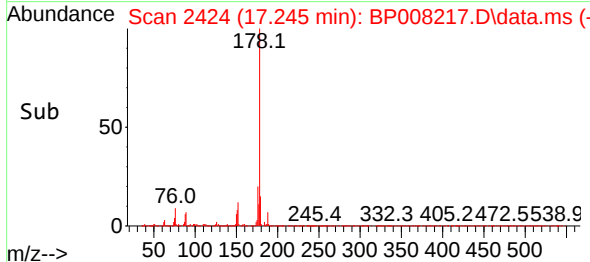
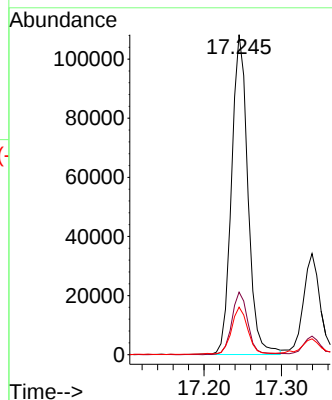
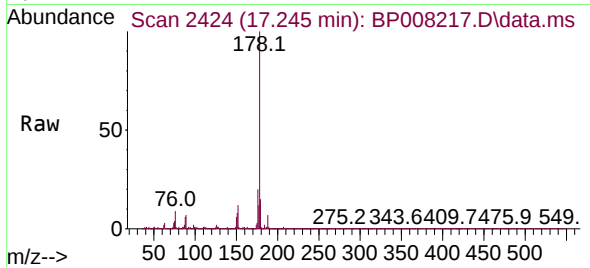




#71
Phenanthrene
Concen: 4.810 ng
RT: 17.245 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BP008217.D
Acq: 03 Dec 2021 21:58

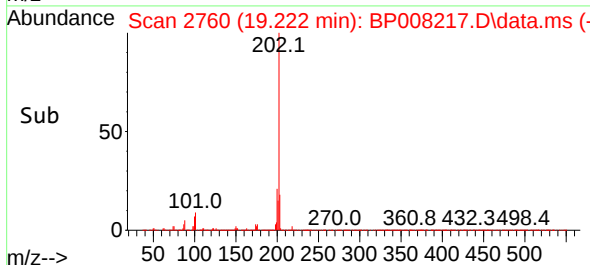
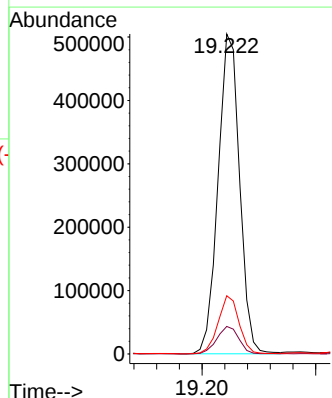
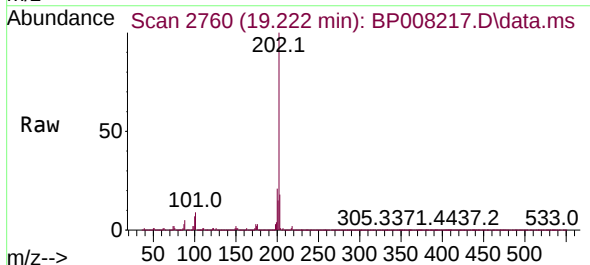
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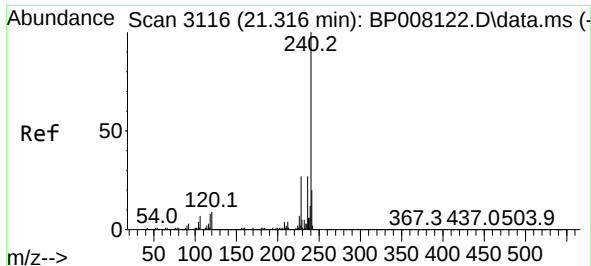
Tgt Ion:178 Resp: 159168
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 14.8 12.5 18.7



#75
Fluoranthene
Concen: 14.919 ng
RT: 19.222 min Scan# 2760
Delta R.T. -0.012 min
Lab File: BP008217.D
Acq: 03 Dec 2021 21:58

Tgt Ion:202 Resp: 664995
Ion Ratio Lower Upper
202 100
101 8.6 0.0 29.8
203 18.2 0.0 37.7

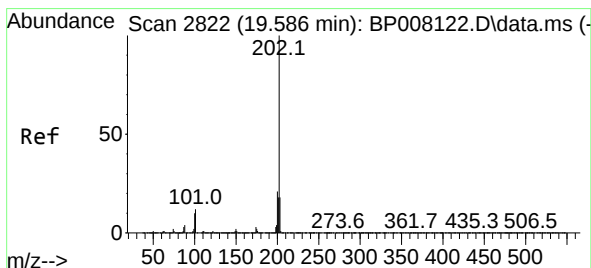
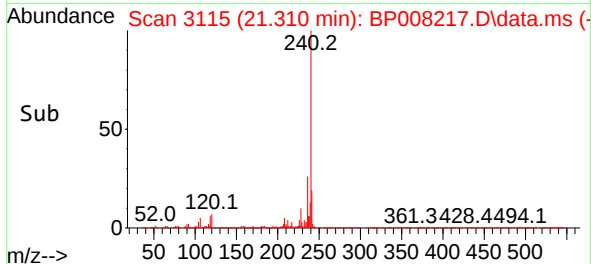
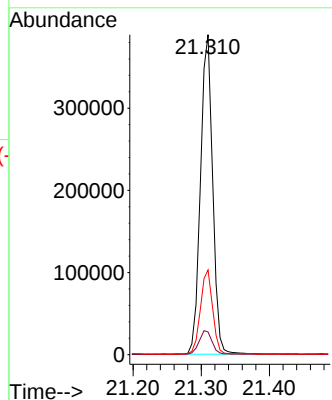
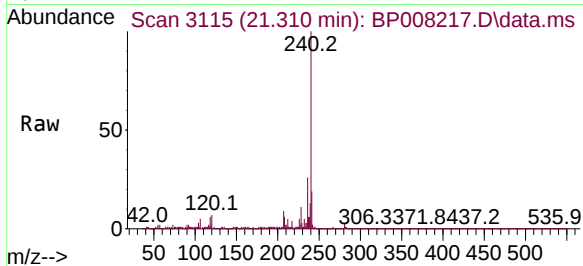




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP008217.D
Acq: 03 Dec 2021 21:58

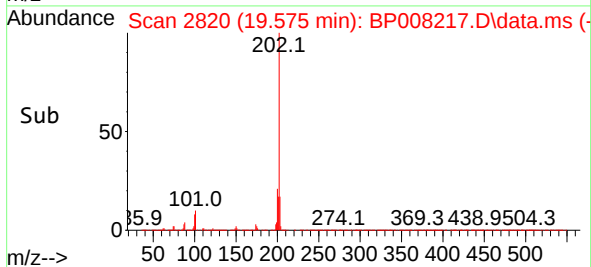
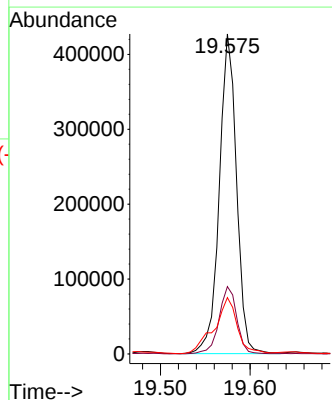
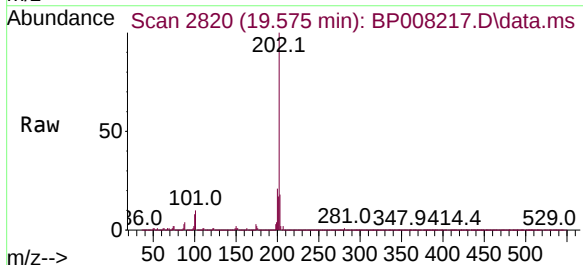
Instrument :
BNA_P
ClientSampleId :
PL-5-120121DL

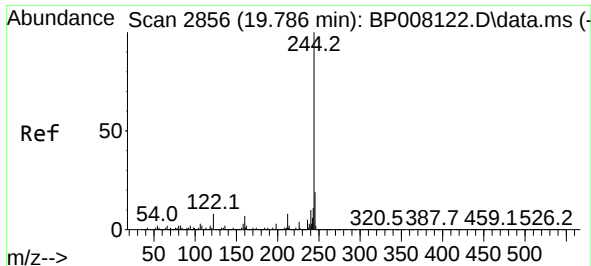
Tgt Ion:240 Resp: 484221
Ion Ratio Lower Upper
240 100
120 7.1 7.3 10.9#
236 26.5 21.4 32.2



#78
Pyrene
Concen: 17.040 ng
RT: 19.575 min Scan# 2820
Delta R.T. -0.012 min
Lab File: BP008217.D
Acq: 03 Dec 2021 21:58

Tgt Ion:202 Resp: 568731
Ion Ratio Lower Upper
202 100
200 21.0 17.1 25.7
203 17.6 14.2 21.2

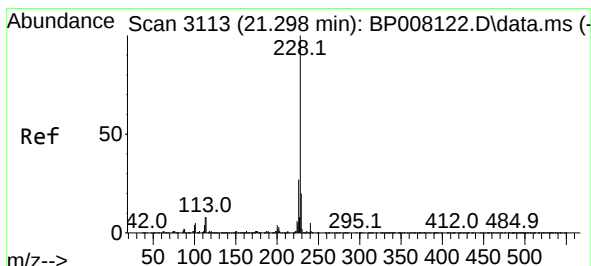
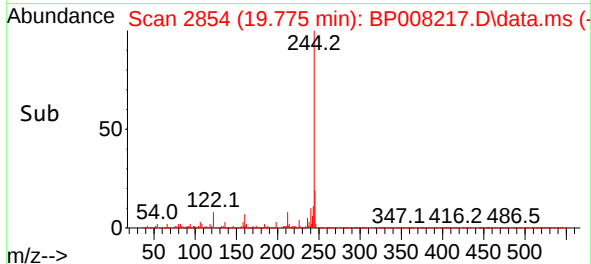
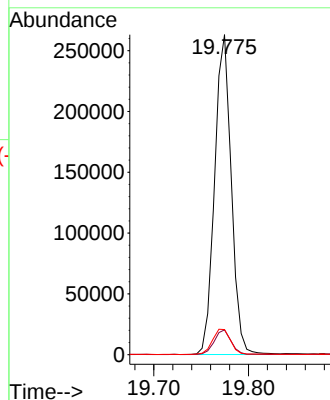
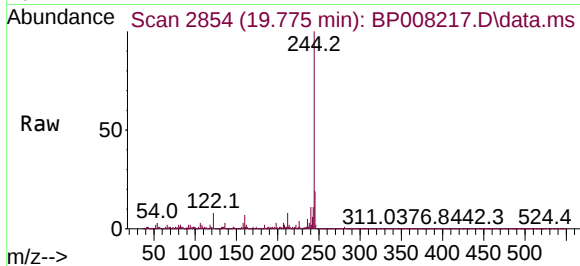




#79
 Terphenyl-d14
 Concen: 13.859 ng
 RT: 19.775 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP008217.D
 Acq: 03 Dec 2021 21:58

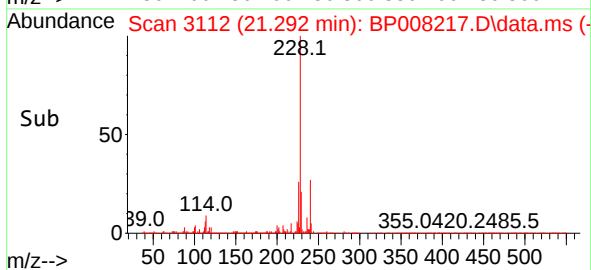
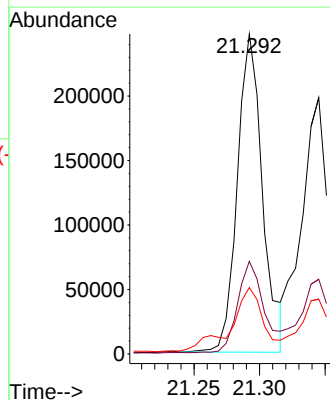
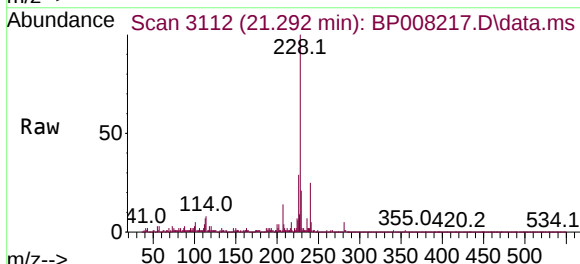
Instrument :
 BNA_P
 ClientSampleId :
 PL-5-120121DL

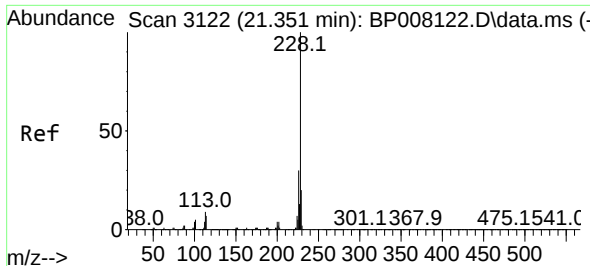
Tgt Ion:244 Resp: 321109
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 7.9 6.6 9.8



#81
 Benzo(a)anthracene
 Concen: 10.273 ng
 RT: 21.292 min Scan# 3112
 Delta R.T. -0.006 min
 Lab File: BP008217.D
 Acq: 03 Dec 2021 21:58

Tgt Ion:228 Resp: 329680
 Ion Ratio Lower Upper
 228 100
 226 28.9 21.9 32.9
 229 20.8 15.9 23.9

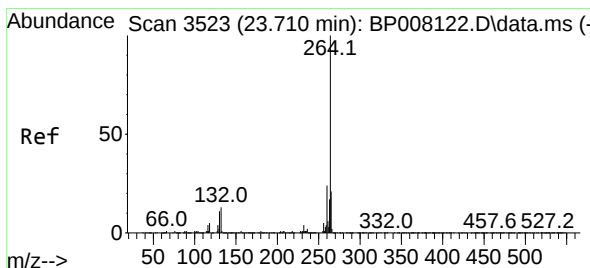
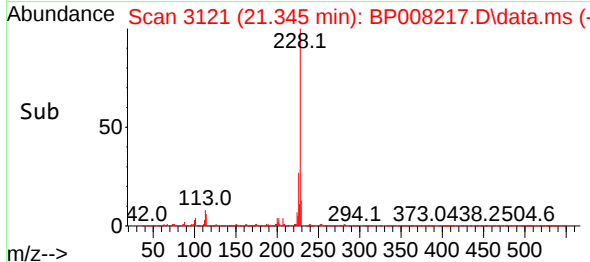
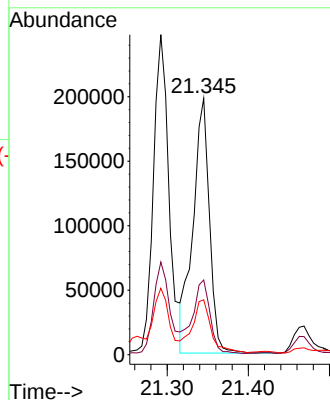
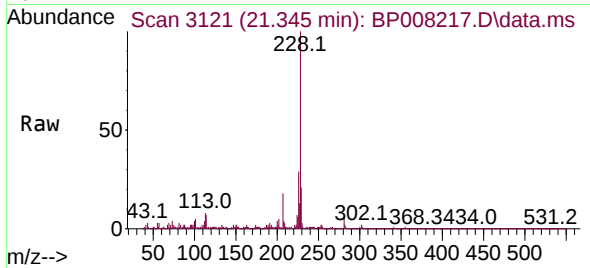




#83
Chrysene
Concen: 9.198 ng
RT: 21.345 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP008217.D
Acq: 03 Dec 2021 21:58

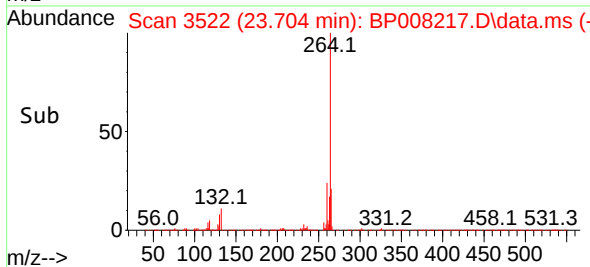
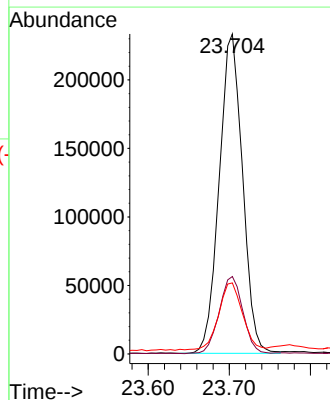
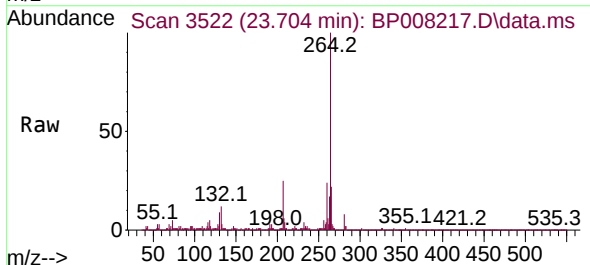
Instrument :
BNA_P
ClientSampleId :
PL-5-120121DL

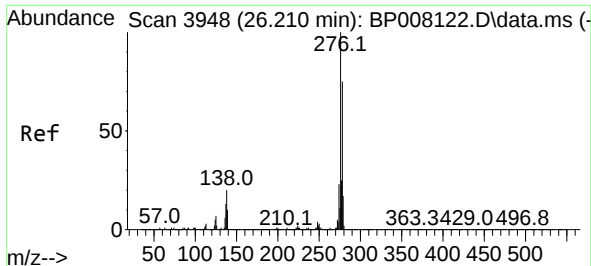
Tgt Ion:228 Resp: 280883
Ion Ratio Lower Upper
228 100
226 29.2 24.0 36.0
229 21.4 15.8 23.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.704 min Scan# 3522
Delta R.T. -0.012 min
Lab File: BP008217.D
Acq: 03 Dec 2021 21:58

Tgt Ion:264 Resp: 465218
Ion Ratio Lower Upper
264 100
260 24.2 19.4 29.2
265 22.2 17.6 26.4

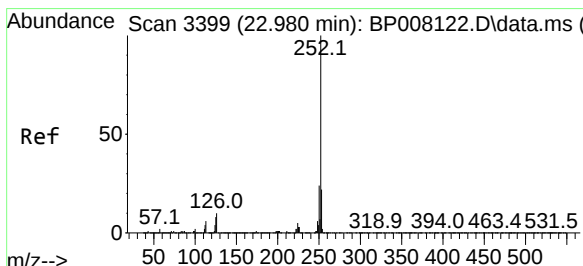
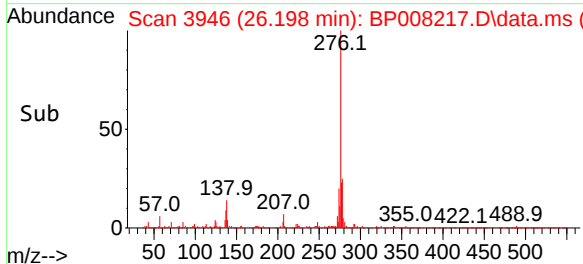
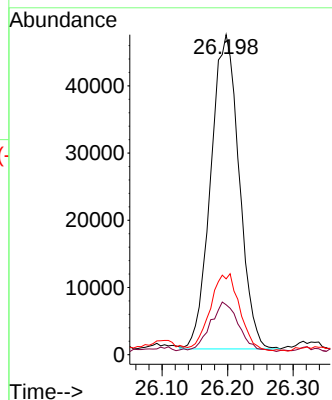
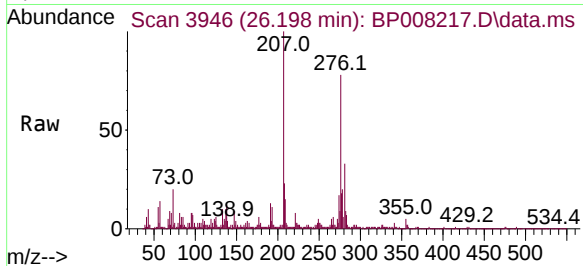




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.149 ng
 RT: 26.198 min Scan# 3946
 Delta R.T. -0.029 min
 Lab File: BP008217.D
 Acq: 03 Dec 2021 21:58

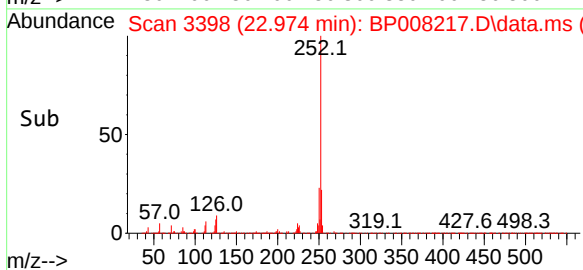
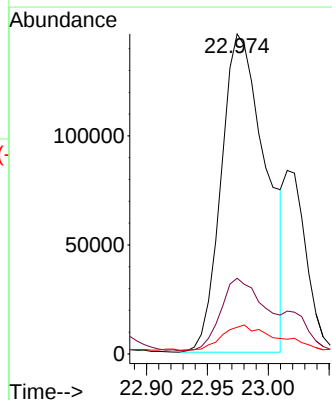
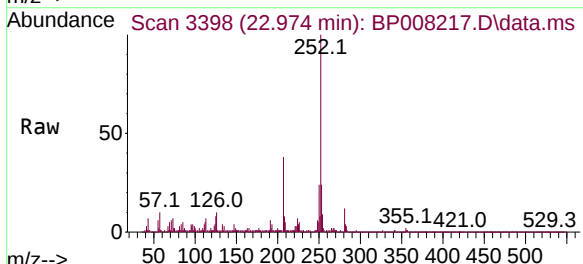
Instrument :
 BNA_P
 ClientSampleId :
 PL-5-120121DL

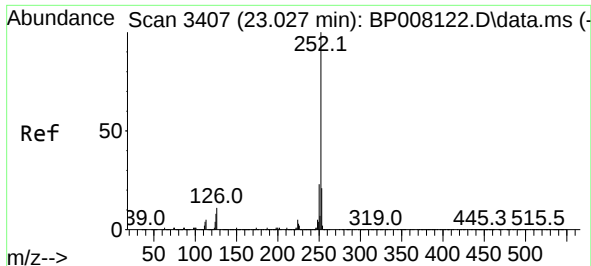
Tgt Ion:276 Resp: 140410
 Ion Ratio Lower Upper
 276 100
 138 16.0 16.6 25.0#
 277 25.2 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 13.246 ng
 RT: 22.974 min Scan# 3398
 Delta R.T. -0.012 min
 Lab File: BP008217.D
 Acq: 03 Dec 2021 21:58

Tgt Ion:252 Resp: 371482
 Ion Ratio Lower Upper
 252 100
 253 23.7 17.7 26.5
 125 8.3 6.2 9.4

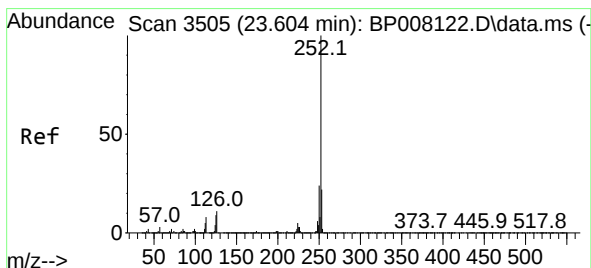
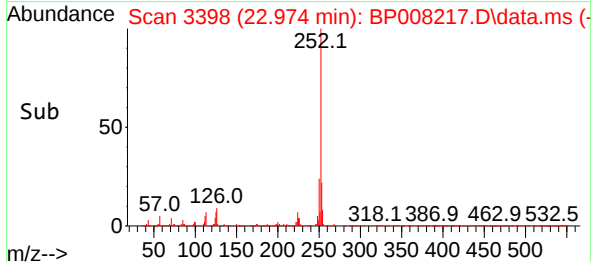
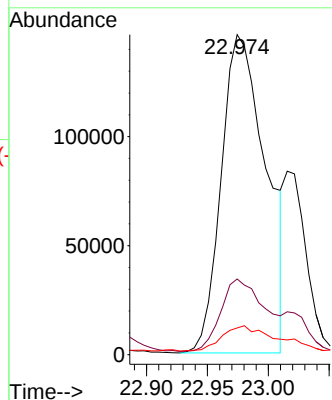
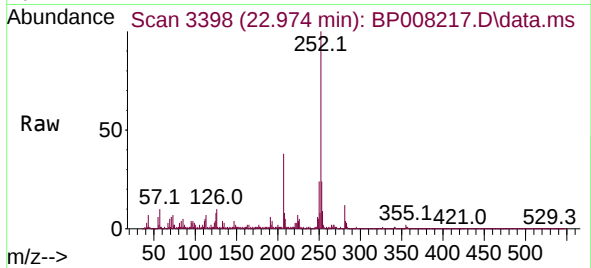




#89
Benzo(k)fluoranthene
Concen: 13.530 ng
RT: 22.974 min Scan# 31
Delta R.T. -0.059 min
Lab File: BP008217.D
Acq: 03 Dec 2021 21:58

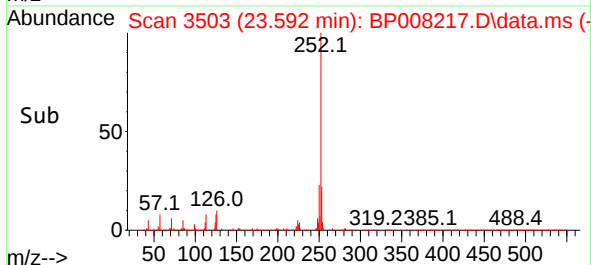
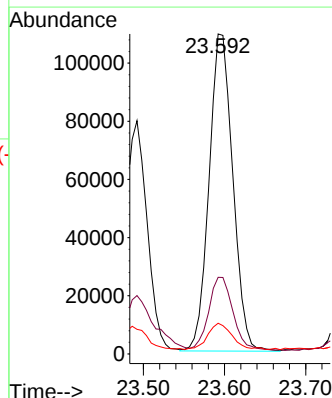
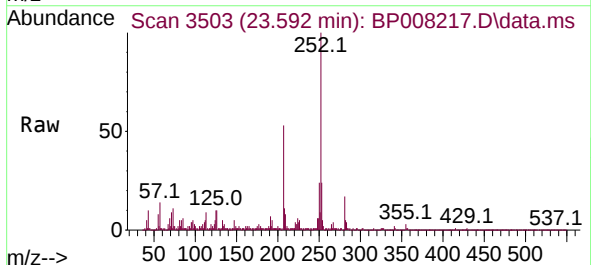
Instrument :
BNA_P
ClientSampleId :
PL-5-120121DL

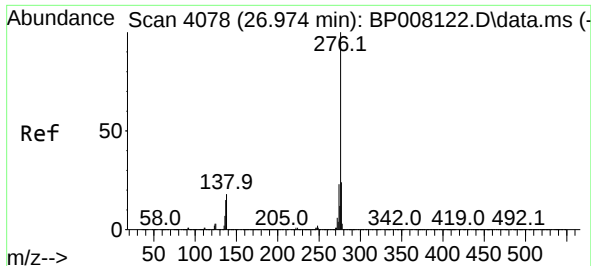
Tgt Ion:252 Resp: 371482
Ion Ratio Lower Upper
252 100
253 23.7 17.3 25.9
125 8.3 6.5 9.7



#90
Benzo(a)pyrene
Concen: 9.254 ng
RT: 23.592 min Scan# 3503
Delta R.T. -0.018 min
Lab File: BP008217.D
Acq: 03 Dec 2021 21:58

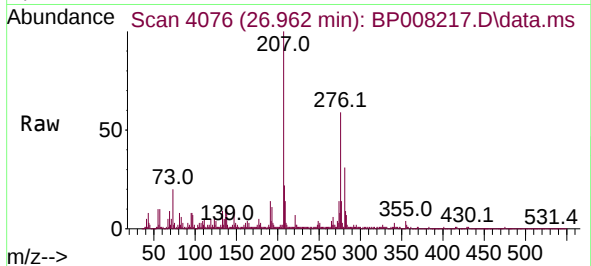
Tgt Ion:252 Resp: 221824
Ion Ratio Lower Upper
252 100
253 23.9 17.6 26.4
125 9.6 7.4 11.0





#92
 Benzo(g,h,i)perylene
 Concen: 4.452 ng
 RT: 26.962 min Scan# 4076
 Delta R.T. -0.035 min
 Lab File: BP008217.D
 Acq: 03 Dec 2021 21:58

Instrument :
 BNA_P
 ClientSampleId :
 PL-5-120121DL



Tgt Ion:	276	Resp:	126251
Ion	Ratio	Lower	Upper
276	100		
277	24.1	20.0	30.0
138	16.8	14.1	21.1

