

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081921\
 Data File : BP006787.D
 Acq On : 19 Aug 2021 18:37
 Operator : CG/JU
 Sample : M3435-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SWCS-21-0204

Quant Time: Aug 20 02:01:37 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 16 18:17:59 2021
 Response via : Initial Calibration

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

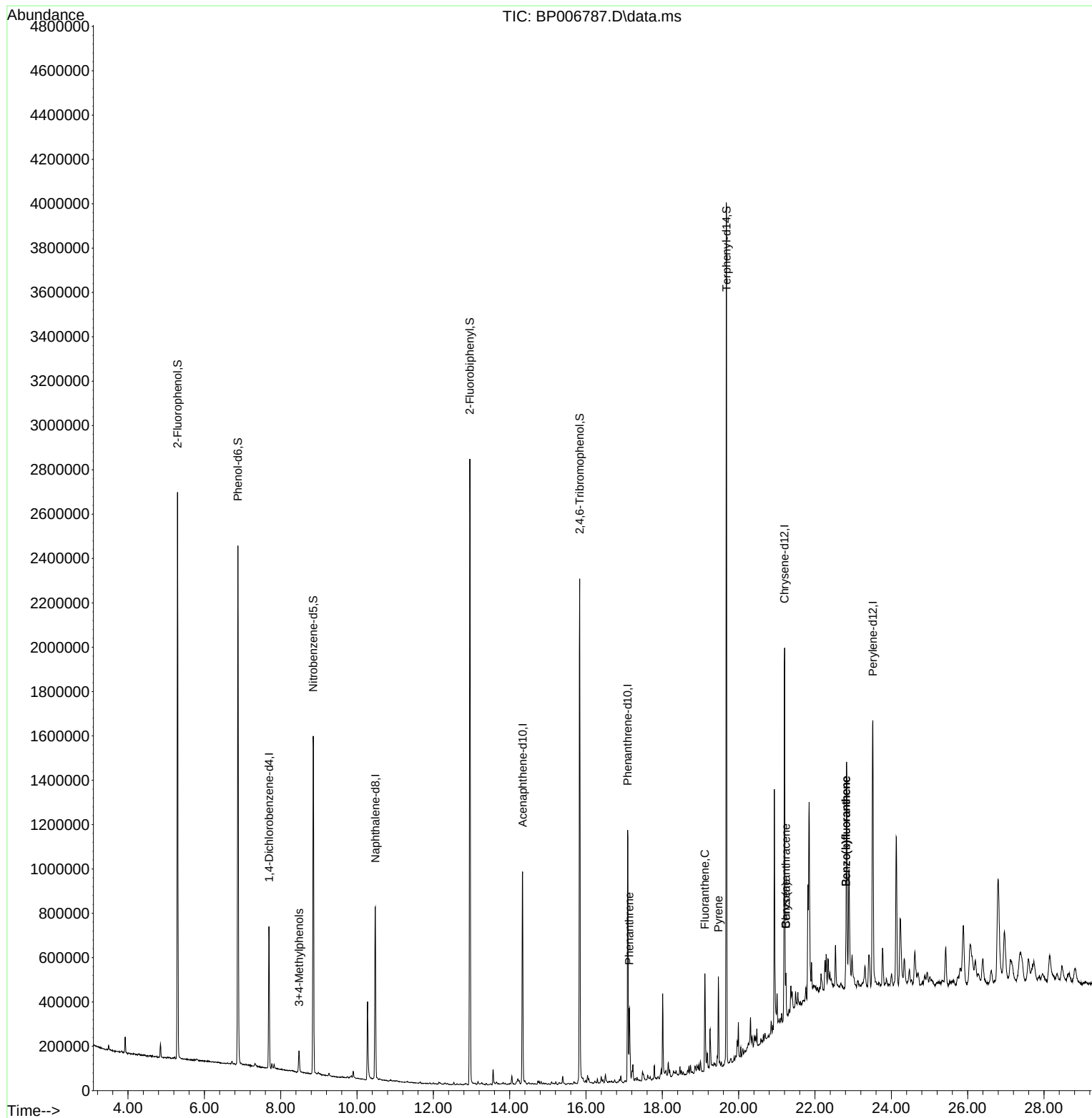
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	156399	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	617438	20.000	ng	#-0.01
39) Acenaphthene-d10	14.339	164	317283	20.000	ng	0.00
64) Phenanthrene-d10	17.092	188	607078	20.000	ng	#-0.01
76) Chrysene-d12	21.204	240	673236	20.000	ng	# 0.00
86) Perylene-d12	23.515	264	751065	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	1049139	103.032	ng	0.00
7) Phenol-d6	6.881	99	1283647	88.744	ng	0.00
23) Nitrobenzene-d5	8.851	82	923437	69.033	ng	-0.01
42) 2,4,6-Tribromophenol	15.833	330	343244	103.513	ng	-0.01
45) 2-Fluorobiphenyl	12.957	172	1320075	62.247	ng	-0.01
79) Terphenyl-d14	19.680	244	1550281	46.142	ng	0.00
Target Compounds						
						Qvalue
20) 3+4-Methylphenols	8.481	107	41604	3.337	ng	95
71) Phenanthrene	17.133	178	178183	5.204	ng	99
75) Fluoranthene	19.116	202	215013	5.594	ng	94
78) Pyrene	19.469	202	192688	4.285	ng	99
81) Benzo(a)anthracene	21.239	228	88985	2.022	ng	96
83) Chrysene	21.239	228	88985	2.086	ng	99
88) Benzo(b)fluoranthene	22.810	252	120931	2.477	ng	# 88
89) Benzo(k)fluoranthene	22.810	252	120931	2.580	ng	# 88

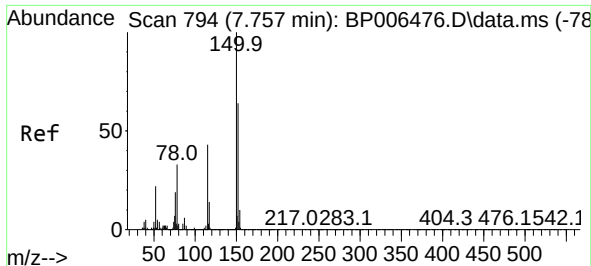
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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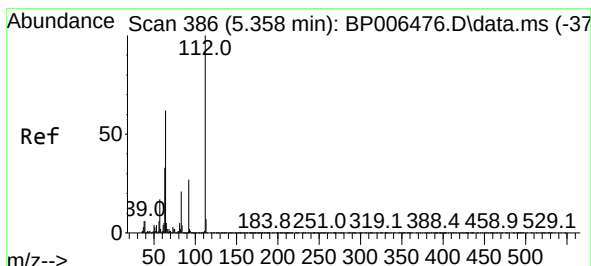
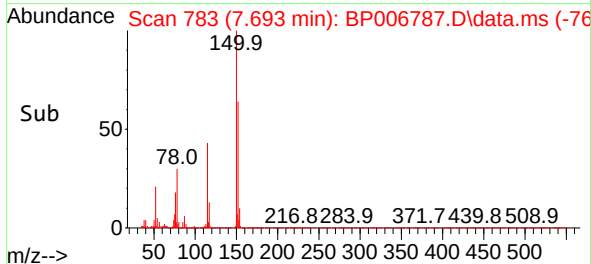
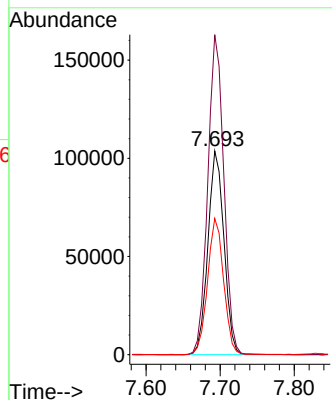
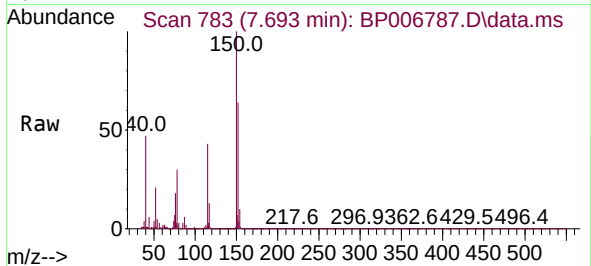




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.012 min
Lab File: BP006787.D
Acq: 19 Aug 2021 18:37

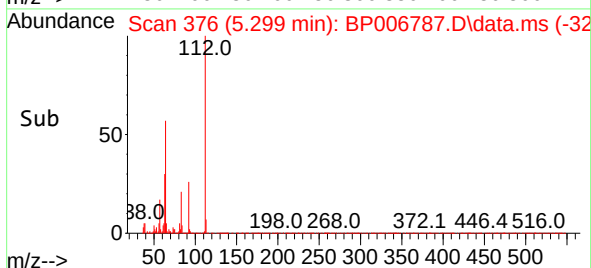
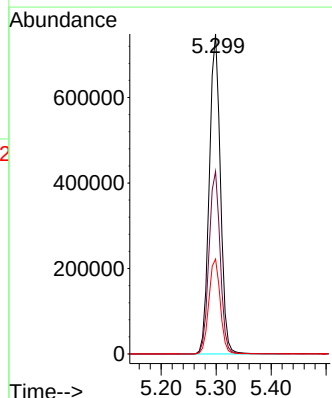
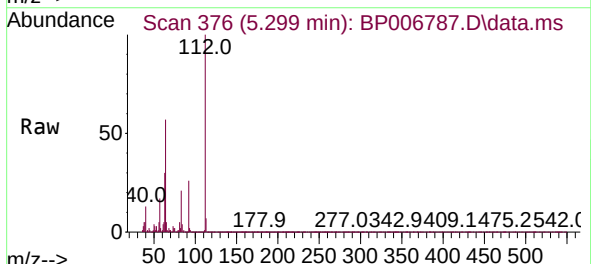
Instrument :
BNA_P
ClientSampleId :
SWCS-21-0204

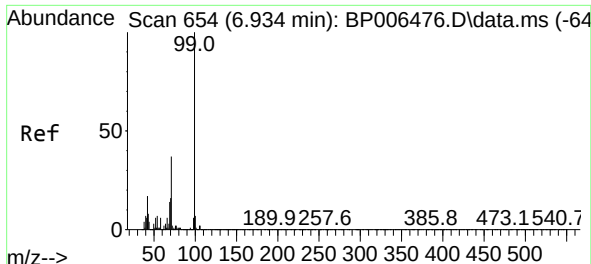
Tgt Ion:152 Resp: 156399
Ion Ratio Lower Upper
152 100
150 157.1 125.6 188.4
115 66.9 48.5 72.7



#5
2-Fluorophenol
Concen: 103.032 ng
RT: 5.299 min Scan# 376
Delta R.T. -0.006 min
Lab File: BP006787.D
Acq: 19 Aug 2021 18:37

Tgt Ion:112 Resp: 1049139
Ion Ratio Lower Upper
112 100
64 57.1 41.4 62.2
63 29.6 23.8 35.8

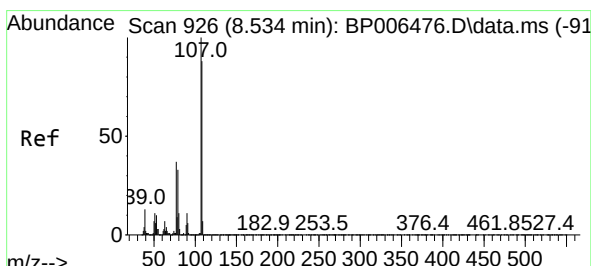
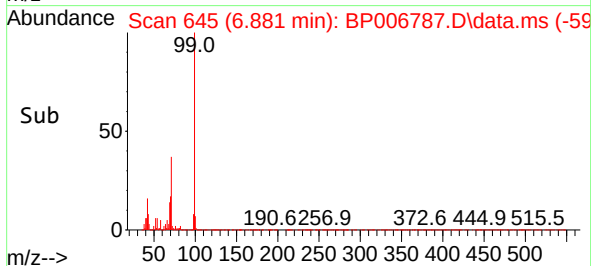
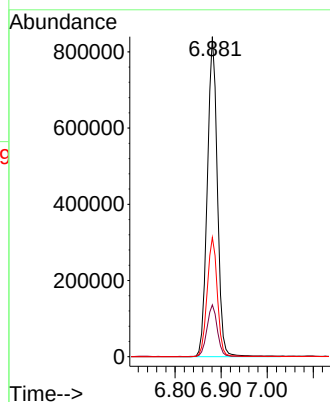
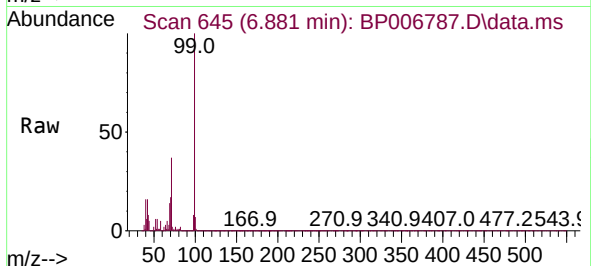




#7
Phenol-d6
Concen: 88.744 ng
RT: 6.881 min Scan# 645
Delta R.T. -0.006 min
Lab File: BP006787.D
Acq: 19 Aug 2021 18:37

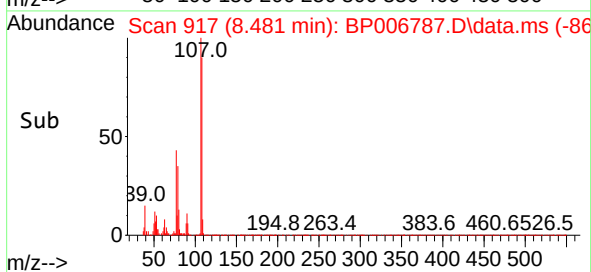
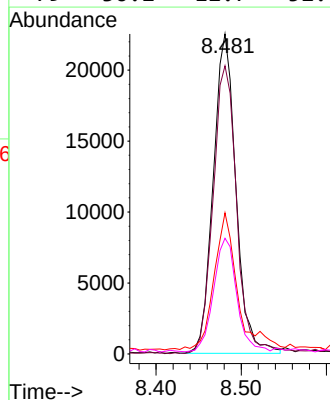
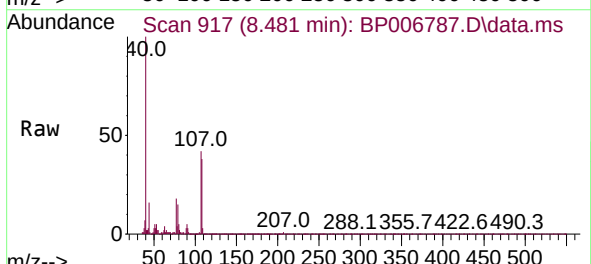
Instrument :
BNA_P
ClientSampleId :
SWCS-21-0204

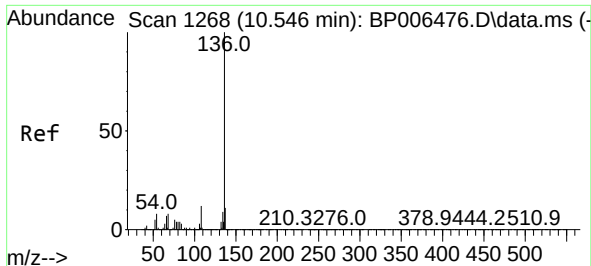
Tgt Ion: 99 Resp: 1283647
Ion Ratio Lower Upper
99 100
42 16.2 13.4 20.0
71 37.2 30.6 46.0



#20
3+4-Methylphenols
Concen: 3.337 ng
RT: 8.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BP006787.D
Acq: 19 Aug 2021 18:37

Tgt Ion: 107 Resp: 41604
Ion Ratio Lower Upper
107 100
108 90.1 71.0 111.0
77 44.1 16.6 56.6
79 36.2 12.7 52.7

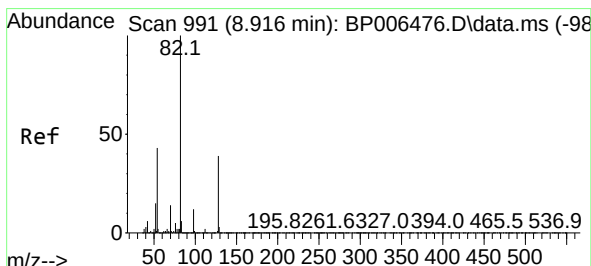
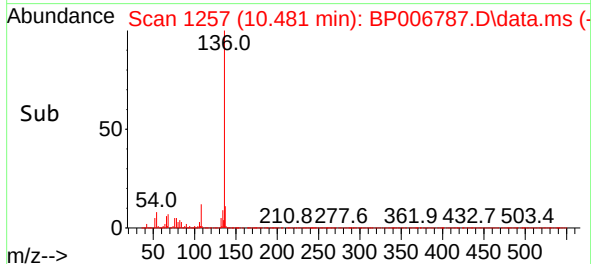
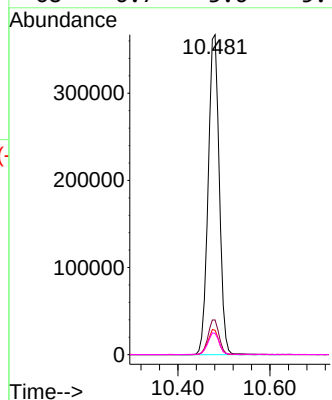
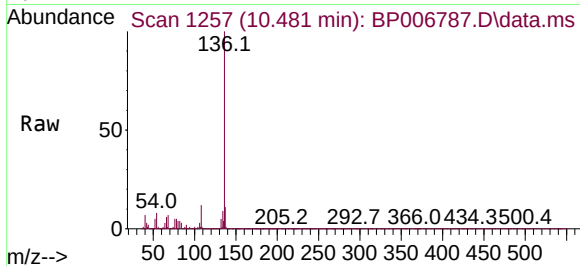




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BP006787.D
Acq: 19 Aug 2021 18:37

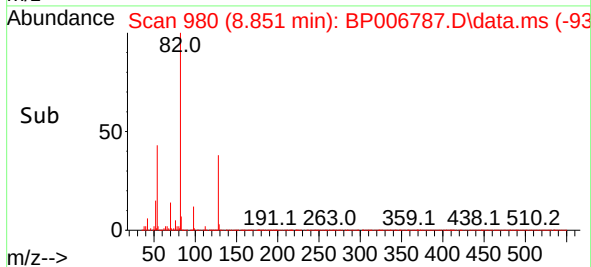
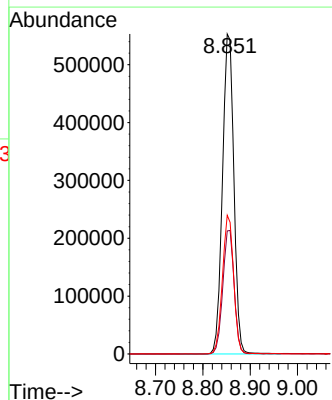
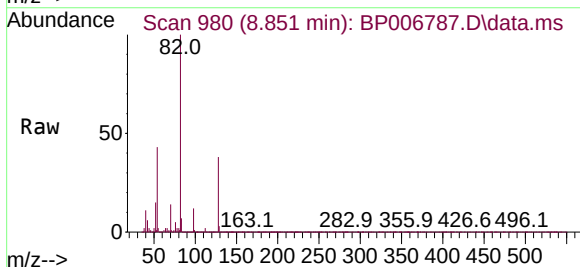
Instrument :
BNA_P
ClientSampleId :
SWCS-21-0204

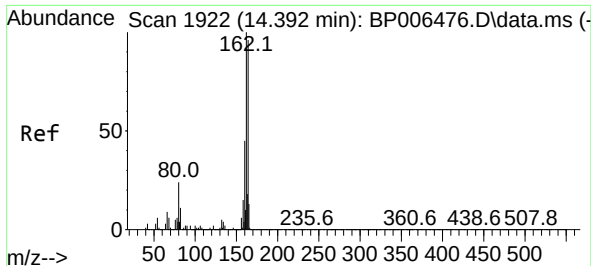
Tgt Ion:	136	Resp:	617438
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	7.7	4.6	6.8#
68	6.7	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 69.033 ng
RT: 8.851 min Scan# 980
Delta R.T. -0.012 min
Lab File: BP006787.D
Acq: 19 Aug 2021 18:37

Tgt Ion:	82	Resp:	923437
Ion	Ratio	Lower	Upper
82	100		
128	38.4	35.7	53.5
54	43.3	35.0	52.4

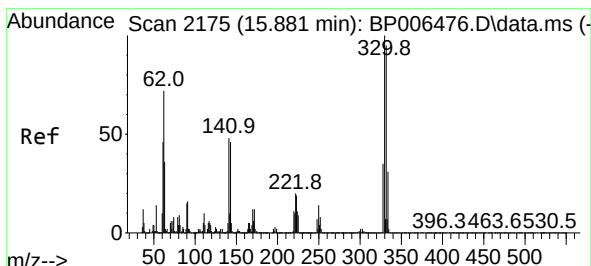
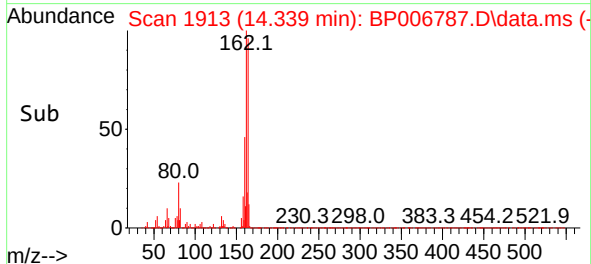
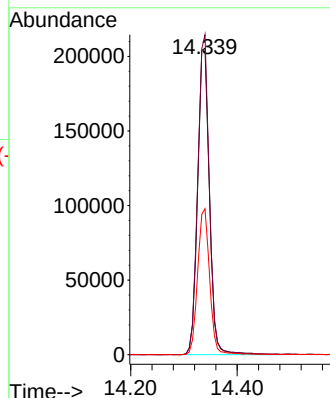
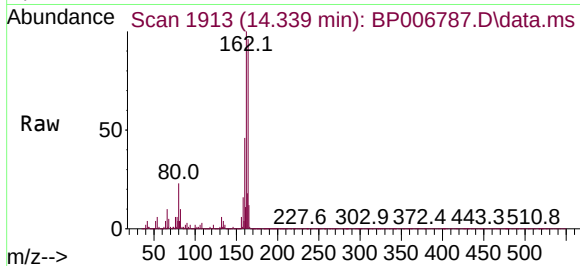




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BP006787.D
Acq: 19 Aug 2021 18:37

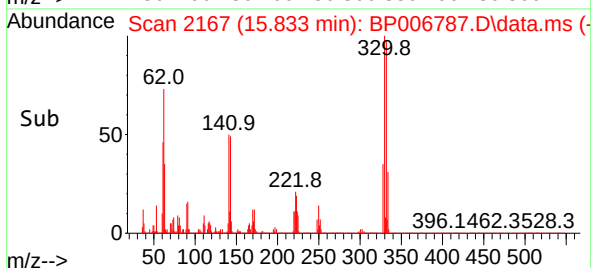
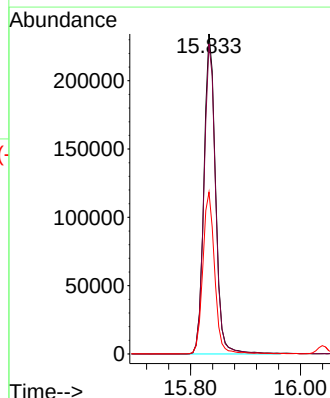
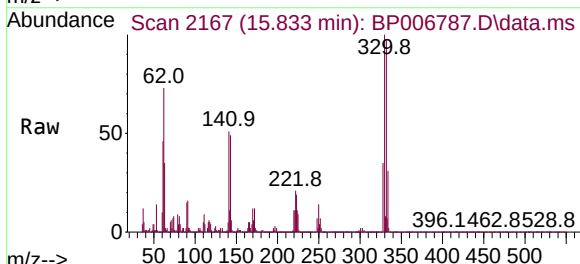
Instrument :
BNA_P
ClientSampleId :
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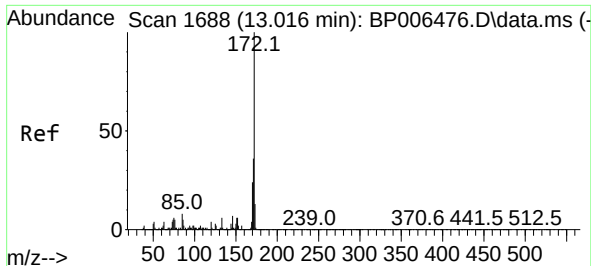
Tgt Ion:164 Resp: 317283
Ion Ratio Lower Upper
164 100
162 104.5 80.2 120.2
160 47.6 34.5 51.7



#42
2,4,6-Tribromophenol
Concen: 103.513 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BP006787.D
Acq: 19 Aug 2021 18:37

Tgt Ion:330 Resp: 343244
Ion Ratio Lower Upper
330 100
332 97.3 77.8 116.8
141 51.3 25.4 38.2#

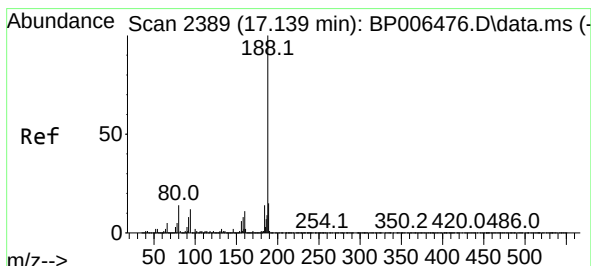
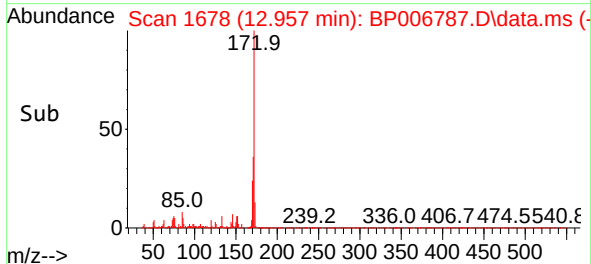
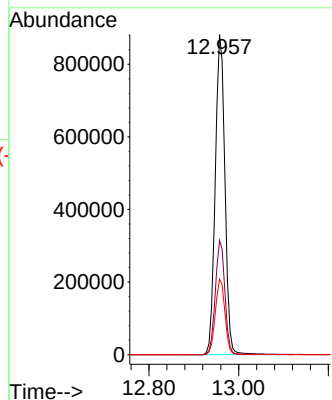
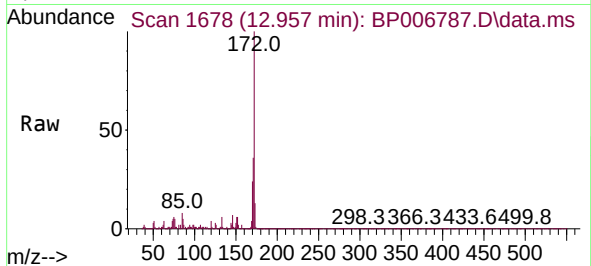




#45
2-Fluorobiphenyl
Concen: 62.247 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.012 min
Lab File: BP006787.D
Acq: 19 Aug 2021 18:37

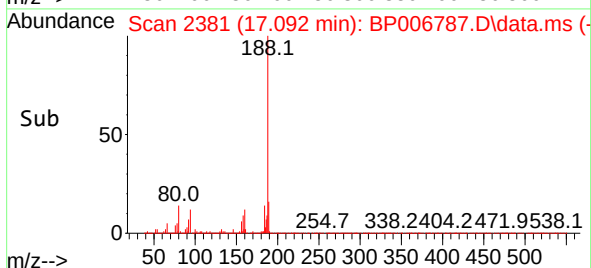
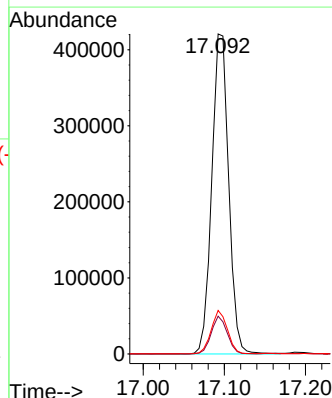
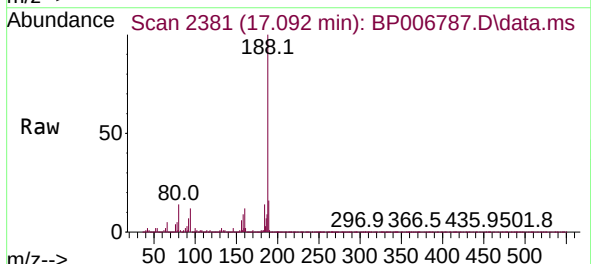
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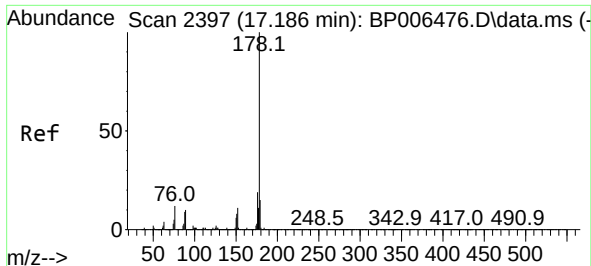
Tgt Ion:172 Resp: 1320075
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 23.6 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.012 min
Lab File: BP006787.D
Acq: 19 Aug 2021 18:37

Tgt Ion:188 Resp: 607078
Ion Ratio Lower Upper
188 100
94 11.8 5.6 8.4#
80 13.6 6.3 9.5#

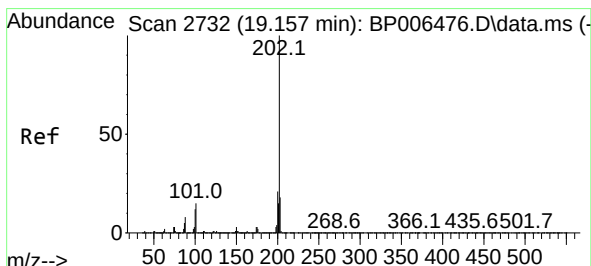
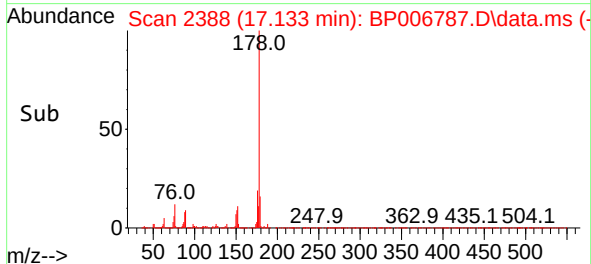
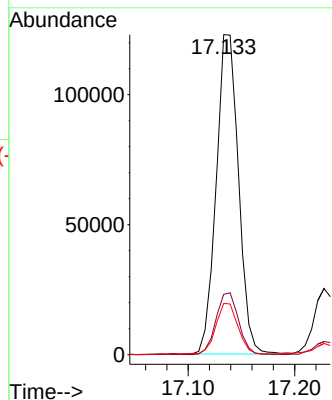
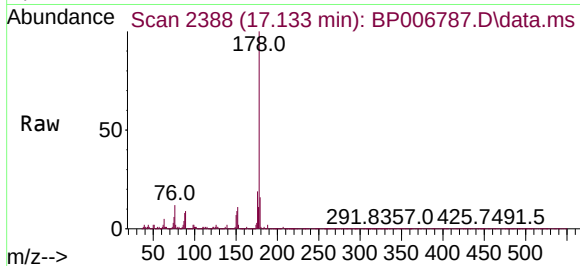




#71
Phenanthrene
Concen: 5.204 ng
RT: 17.133 min Scan# 2388
Delta R.T. -0.012 min
Lab File: BP006787.D
Acq: 19 Aug 2021 18:37

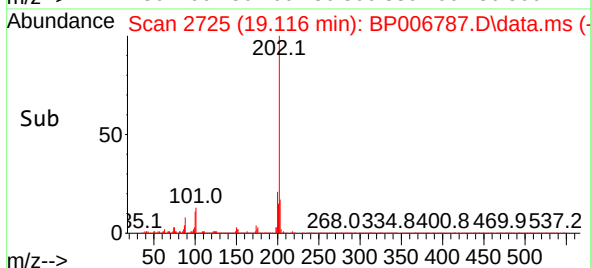
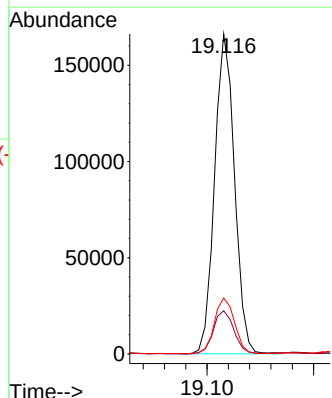
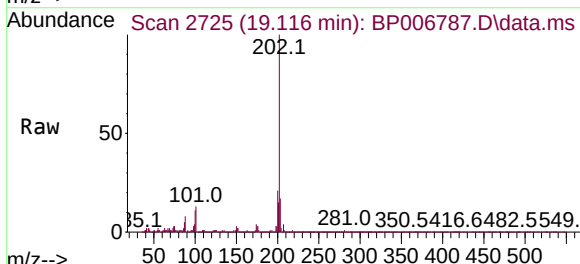
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ClientSampleId :
SWCS-21-0204

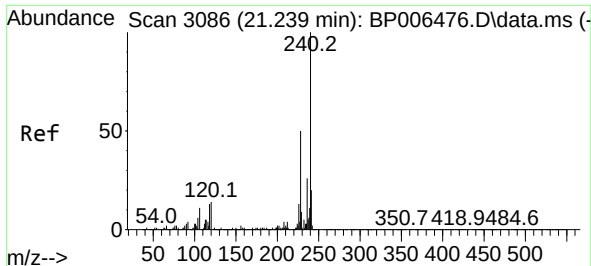
Tgt Ion:178 Resp: 178183
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 16.0 12.4 18.6



#75
Fluoranthene
Concen: 5.594 ng
RT: 19.116 min Scan# 2725
Delta R.T. -0.012 min
Lab File: BP006787.D
Acq: 19 Aug 2021 18:37

Tgt Ion:202 Resp: 215013
Ion Ratio Lower Upper
202 100
101 13.5 0.0 27.6
203 17.5 0.0 37.8

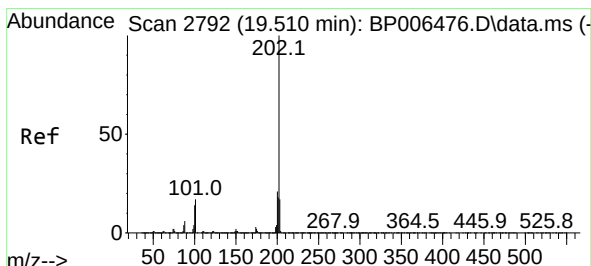
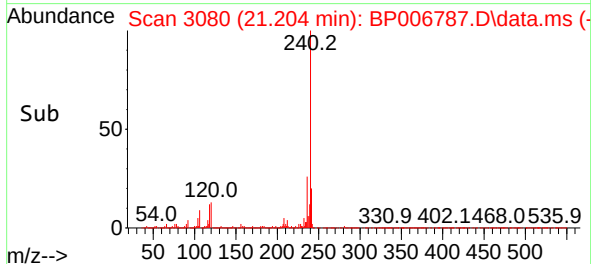
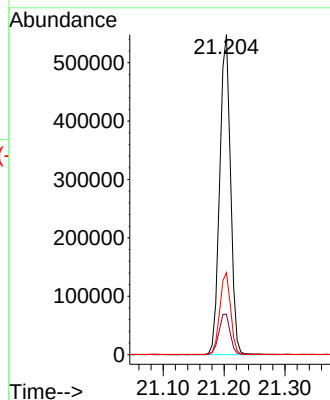
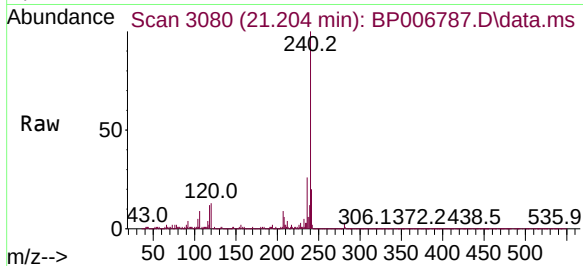




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BP006787.D
Acq: 19 Aug 2021 18:37

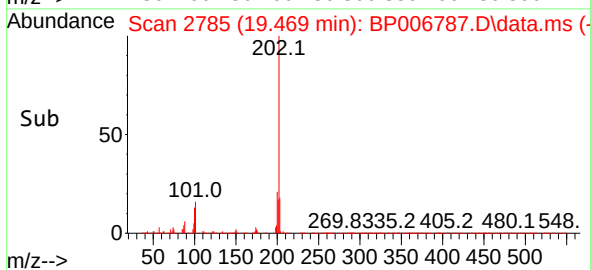
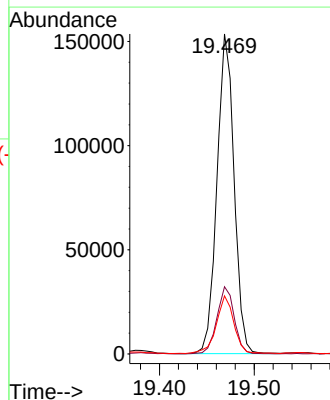
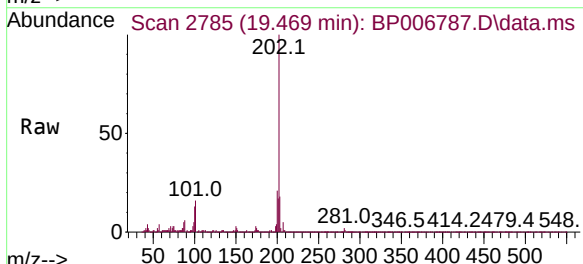
Instrument :
BNA_P
ClientSampleId :
SWCS-21-0204

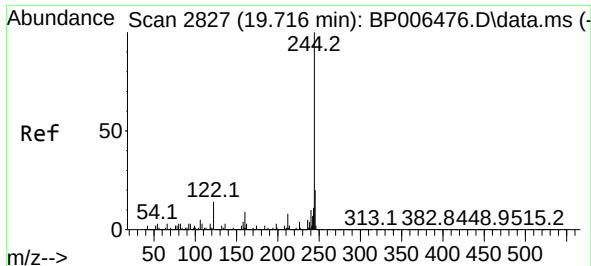
Tgt Ion:240 Resp: 673236
Ion Ratio Lower Upper
240 100
120 12.7 6.5 9.7#
236 25.7 20.6 31.0



#78
Pyrene
Concen: 4.285 ng
RT: 19.469 min Scan# 2785
Delta R.T. -0.012 min
Lab File: BP006787.D
Acq: 19 Aug 2021 18:37

Tgt Ion:202 Resp: 192688
Ion Ratio Lower Upper
202 100
200 21.0 16.3 24.5
203 18.2 14.2 21.2

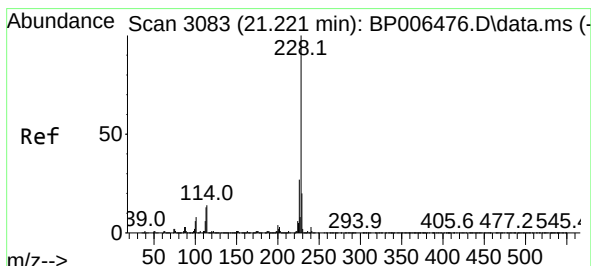
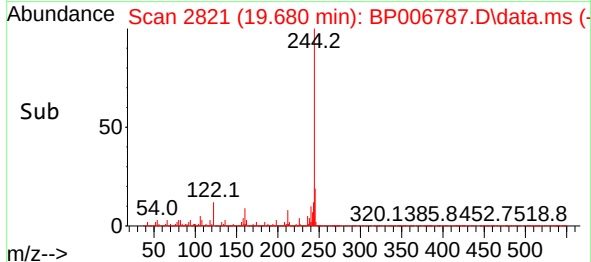
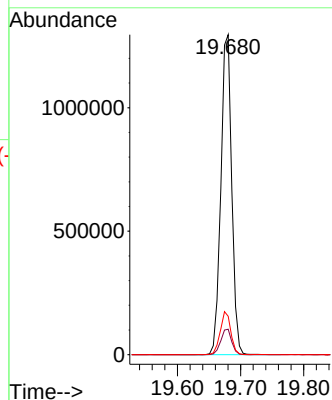
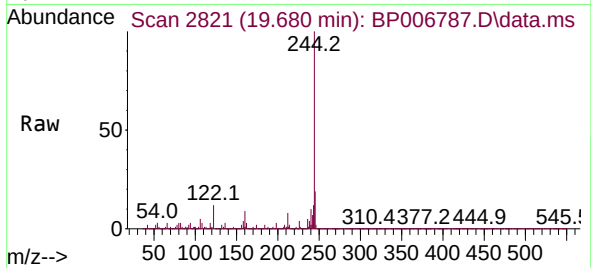




#79
 Terphenyl-d14
 Concen: 46.142 ng
 RT: 19.680 min Scan# 2821
 Delta R.T. -0.006 min
 Lab File: BP006787.D
 Acq: 19 Aug 2021 18:37

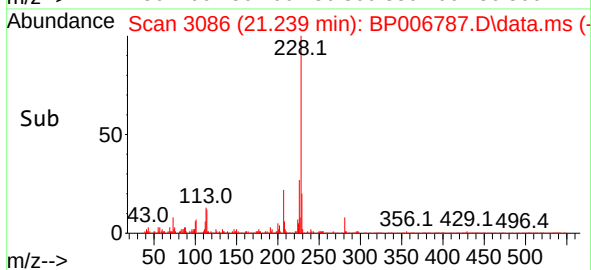
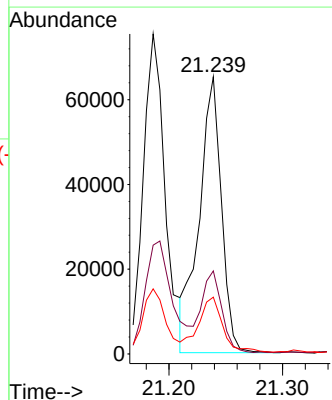
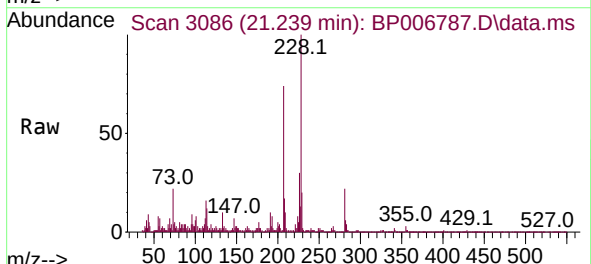
Instrument :
 BNA_P
 ClientSampleId :
 SWCS-21-0204

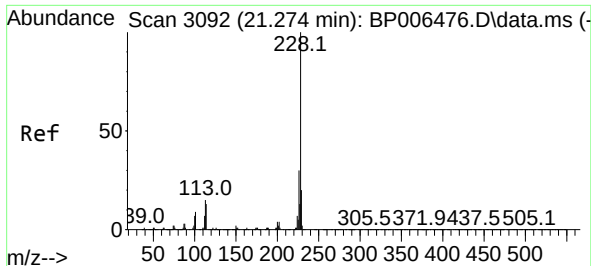
Tgt Ion:244 Resp: 1550281
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.0 9.0
 122 12.0 7.1 10.7#



#81
 Benzo(a)anthracene
 Concen: 2.022 ng
 RT: 21.239 min Scan# 3086
 Delta R.T. 0.041 min
 Lab File: BP006787.D
 Acq: 19 Aug 2021 18:37

Tgt Ion:228 Resp: 88985
 Ion Ratio Lower Upper
 228 100
 226 30.0 21.6 32.4
 229 20.5 15.8 23.6

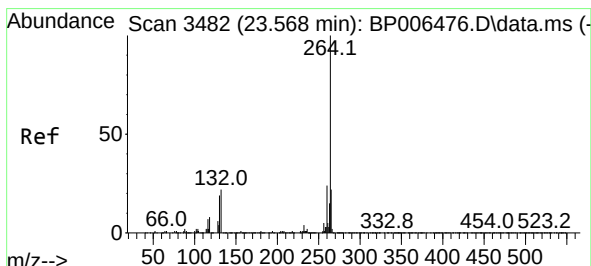
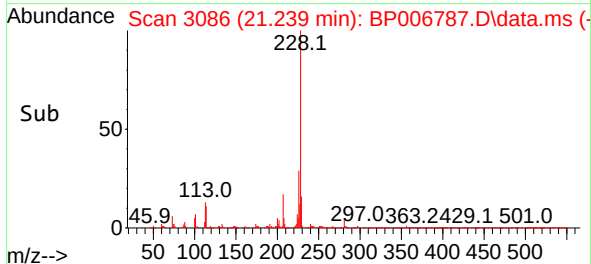
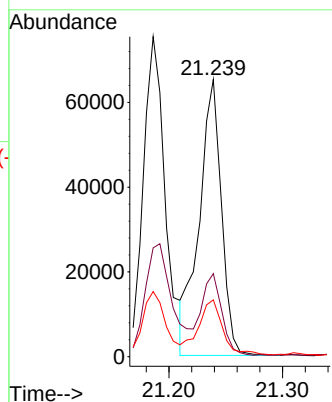
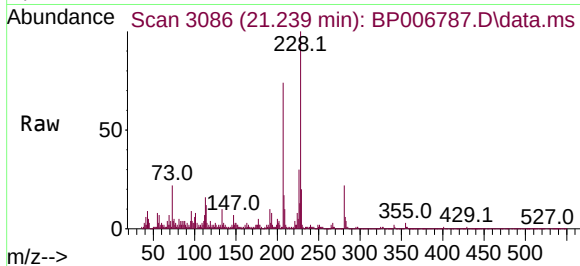




#83
Chrysene
Concen: 2.086 ng
RT: 21.239 min Scan# 3086
Delta R.T. -0.012 min
Lab File: BP006787.D
Acq: 19 Aug 2021 18:37

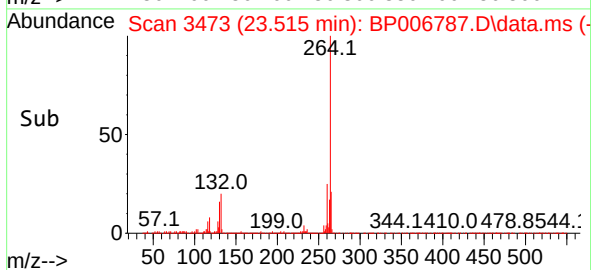
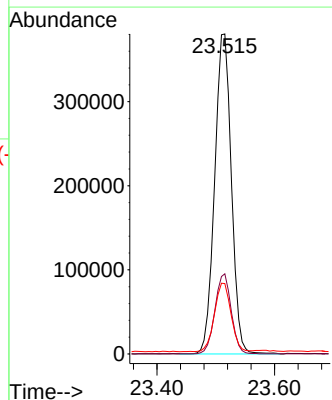
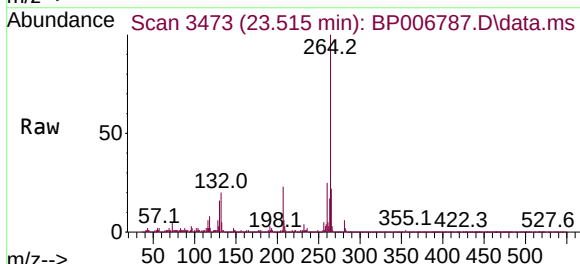
Instrument :
BNA_P
ClientSampleId :
SWCS-21-0204

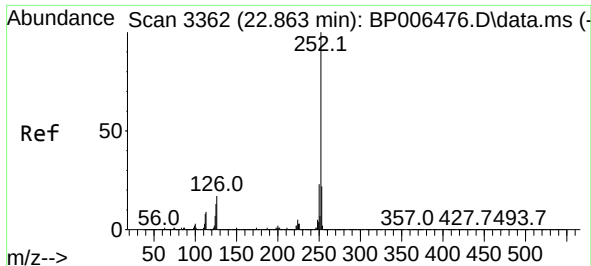
Tgt Ion:	228	Resp:	88985
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.8	35.6
229	20.5	15.4	23.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.515 min Scan# 3473
Delta R.T. -0.012 min
Lab File: BP006787.D
Acq: 19 Aug 2021 18:37

Tgt Ion:	264	Resp:	751065
Ion Ratio	Lower	Upper	
264	100		
260	25.0	18.6	28.0
265	22.0	17.6	26.4

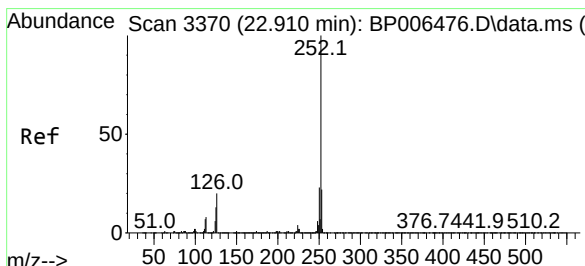
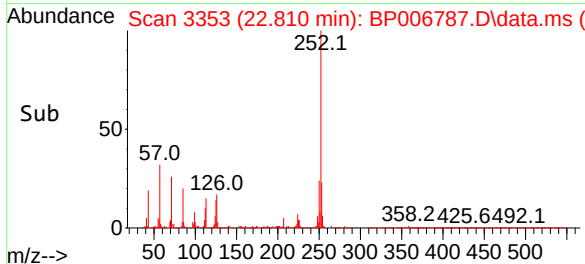
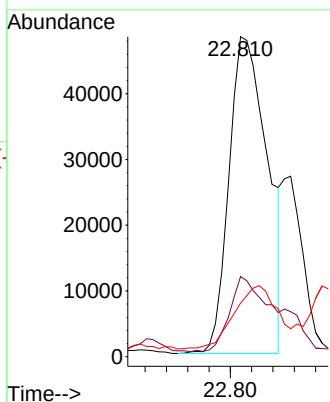
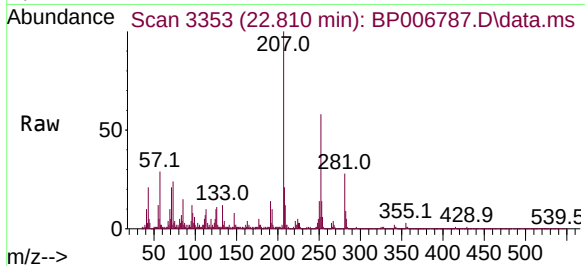




#88
Benzo(b)fluoranthene
Concen: 2.477 ng
RT: 22.810 min Scan# 3353
Delta R.T. -0.012 min
Lab File: BP006787.D
Acq: 19 Aug 2021 18:37

Instrument :
BNA_P
ClientSampleId :
SWCS-21-0204

Tgt Ion:252 Resp: 120931
Ion Ratio Lower Upper
252 100
253 25.1 17.5 26.3
125 16.8 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 2.580 ng
RT: 22.810 min Scan# 3353
Delta R.T. -0.065 min
Lab File: BP006787.D
Acq: 19 Aug 2021 18:37

Tgt Ion:252 Resp: 120931
Ion Ratio Lower Upper
252 100
253 25.1 17.6 26.4
125 16.8 6.0 9.0#

