

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082321\
 Data File : BP006835.D
 Acq On : 23 Aug 2021 17:29
 Operator : CG/JU
 Sample : M3419-21
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SWCS-09-0002

Quant Time: Aug 23 18:10:00 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 23 11:39:38 2021
 Response via : Initial Calibration

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

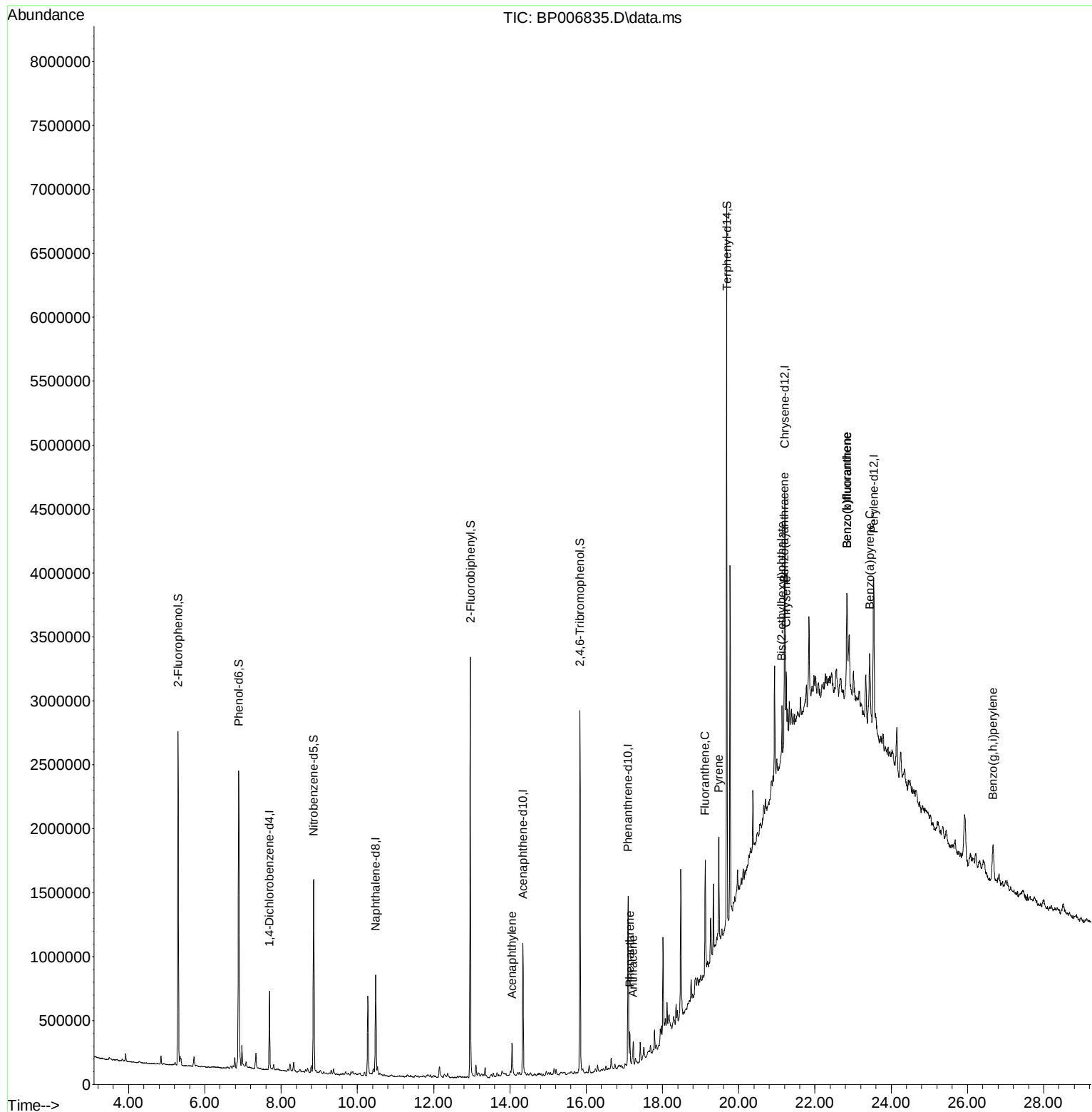
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	156382	20.000	ng	0.00
21) Naphthalene-d8	10.481	136	627900	20.000	ng	# 0.00
39) Acenaphthene-d10	14.340	164	347238	20.000	ng	0.00
64) Phenanthrene-d10	17.098	188	719586	20.000	ng	# 0.00
76) Chrysene-d12	21.210	240	745143	20.000	ng	# 0.00
86) Perylene-d12	23.539	264	812189	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	1089721	107.029	ng	0.00
7) Phenol-d6	6.887	99	1320539	91.305	ng	0.00
23) Nitrobenzene-d5	8.852	82	927448	68.178	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	453965	125.093	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	1629386	70.205	ng	0.00
79) Terphenyl-d14	19.686	244	2377499	63.934	ng	0.00
Target Compounds						
						Qvalue
49) Acenaphthylene	14.057	152	173350	5.312	ng	99
71) Phenanthrene	17.139	178	148034	3.647	ng	98
72) Anthracene	17.234	178	104456	2.663	ng	99
75) Fluoranthene	19.122	202	456999	10.031	ng	95
78) Pyrene	19.480	202	457261	9.187	ng	99
81) Benzo(a)anthracene	21.198	228	251296	5.160	ng	# 85
83) Chrysene	21.245	228	286114	6.060	ng	# 95
84) Bis(2-ethylhexyl)phtha...	21.133	149	135316	4.114	ng	98
88) Benzo(b)fluoranthene	22.833	252	611835	11.591	ng	# 86
89) Benzo(k)fluoranthene	22.833	252	611835	12.072	ng	# 86
90) Benzo(a)pyrene	23.433	252	310353	6.555	ng	# 84
92) Benzo(g,h,i)perylene	26.668	276	323772	6.635	ng	# 86

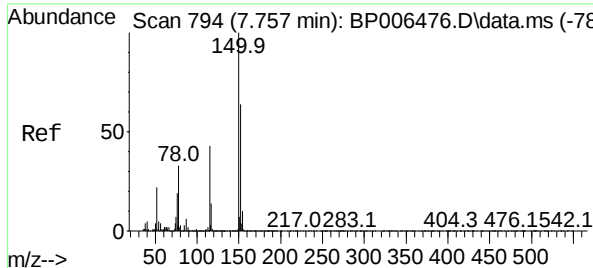
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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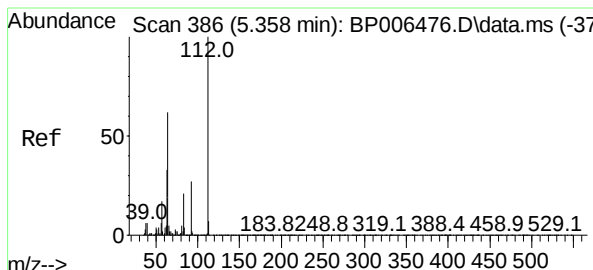
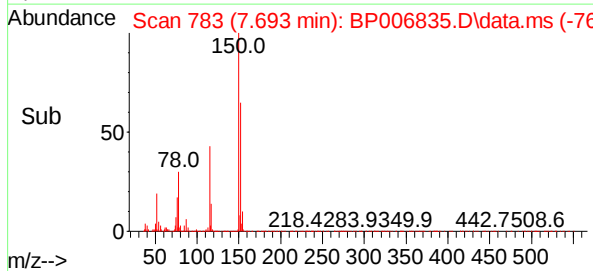
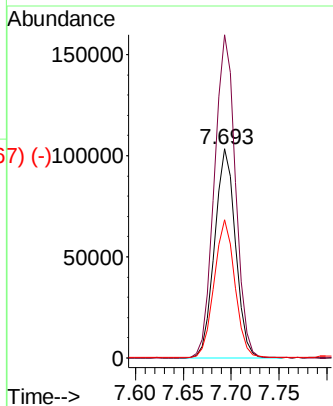
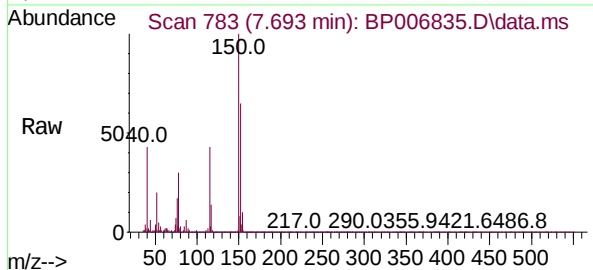




Scan 794 (7.757 min): BP006476.D\data.ms (-786) #1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.693 min Scan# 783
 Delta R.T. -0.006 min
 Lab File: BP006835.D
 Acq: 23 Aug 2021 17:29

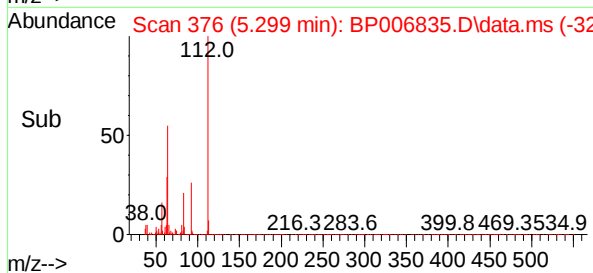
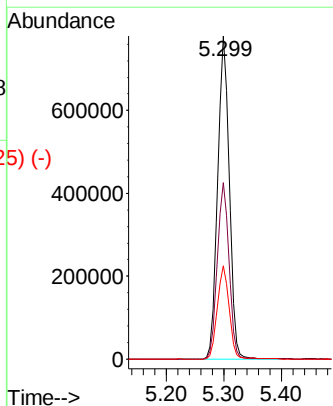
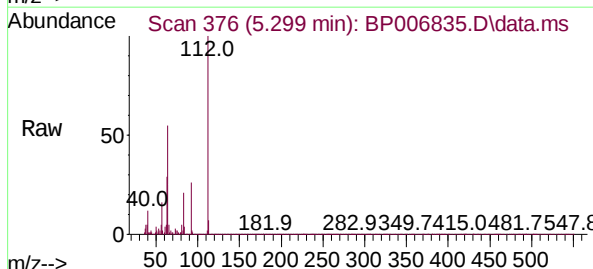
Instrument :
 BNA_P
 ClientSampleId :
 SWCS-09-0002

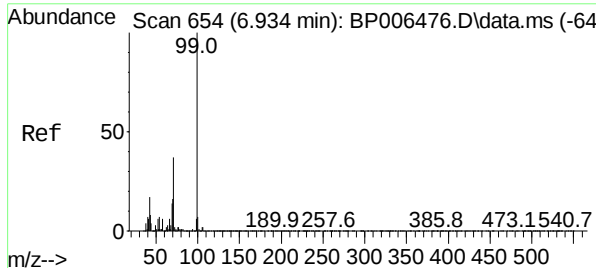
Tgt Ion:	152	Resp:	156382
Ion	Ratio	Lower	Upper
152	100		
150	154.3	125.6	188.4
115	66.0	48.5	72.7



Scan 386 (5.358 min): BP006476.D\data.ms (-375) #5
 2-Fluorophenol
 Concen: 107.029 ng
 RT: 5.299 min Scan# 376
 Delta R.T. -0.000 min
 Lab File: BP006835.D
 Acq: 23 Aug 2021 17:29

Tgt Ion:	112	Resp:	1089721
Ion	Ratio	Lower	Upper
112	100		
64	54.7	41.4	62.2
63	28.9	23.8	35.8



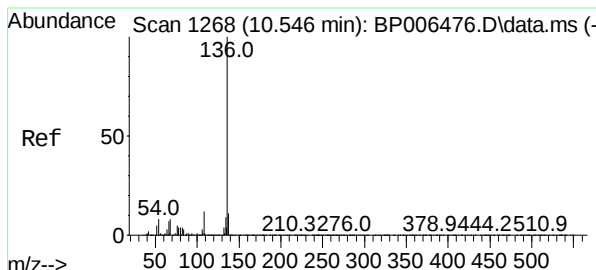
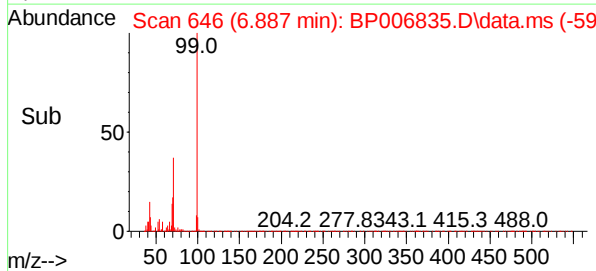
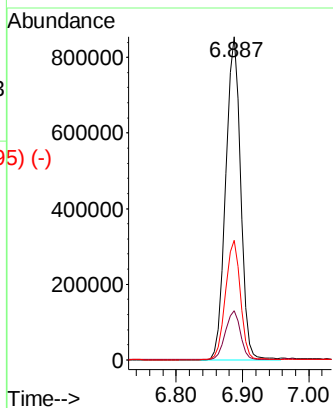
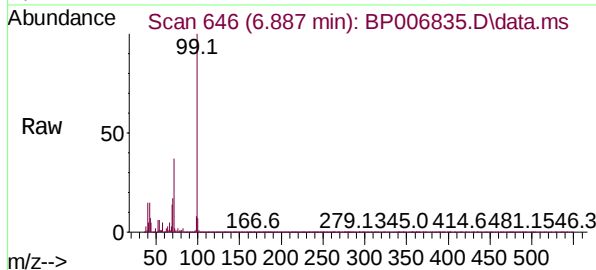


Phenol-d6
 Concen: 91.305 ng
 RT: 6.887 min Scan# 646
 Delta R.T. -0.000 min
 Lab File: BP006835.D
 Acq: 23 Aug 2021 17:29

Instrument :
 BNA_P
 ClientSampleID :
 SWCS-09-0002

Tgt Ion: 99 Resp: 1320539

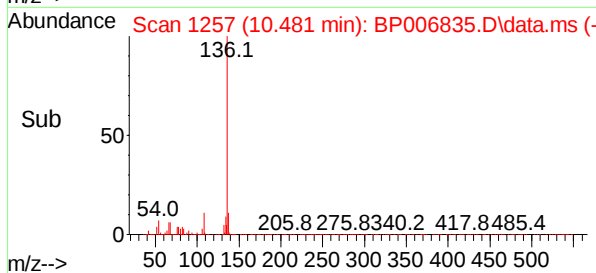
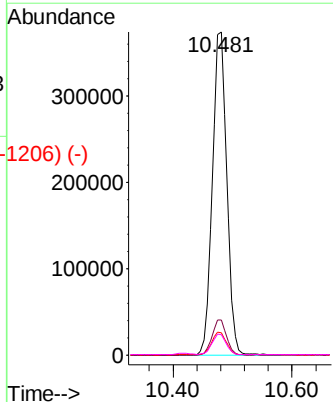
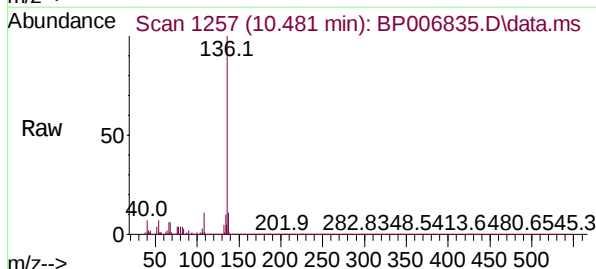
Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.4	20.0
71	37.0	30.6	46.0



Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.481 min Scan# 1257
 Delta R.T. -0.000 min
 Lab File: BP006835.D
 Acq: 23 Aug 2021 17:29

Tgt Ion: 136 Resp: 627900

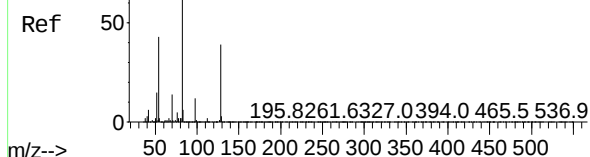
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	6.9	4.6	6.8#
68	6.2	3.6	5.4#



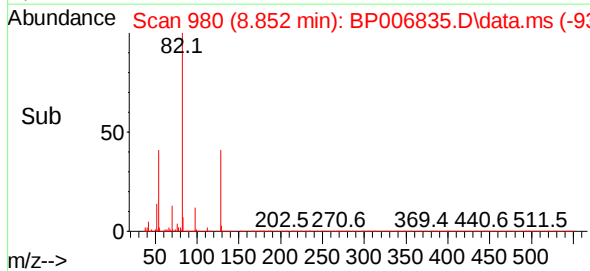
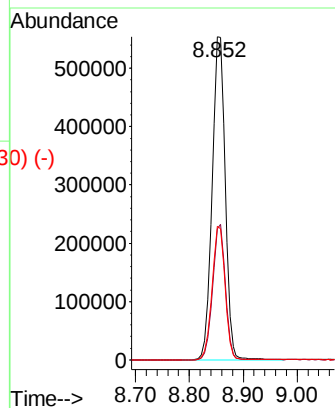
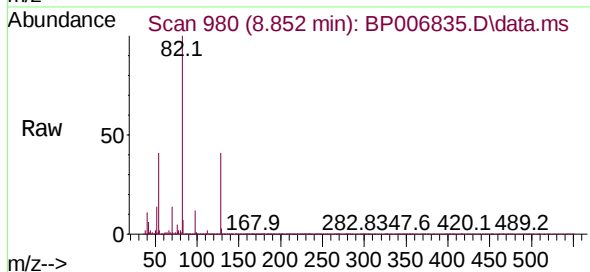
Abundance Scan 991 (8.916 min): BP006476.D\data.ms (-983) (-)

Nitrobenzene-d5
Concen: 68.178 ng
RT: 8.852 min Scan# 980
Delta R.T. -0.006 min
Lab File: BP006835.D
Acq: 23 Aug 2021 17:29

Instrument :
BNA_P
ClientSampleId :
SWCS-09-0002

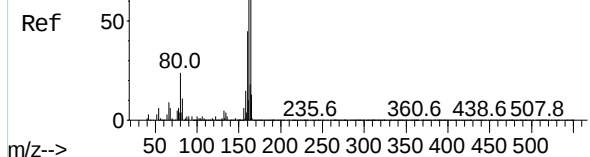


Tgt Ion:	82	Resp:	927448
Ion	Ratio	Lower	Upper
82	100		
128	40.6	35.7	53.5
54	41.4	35.0	52.4

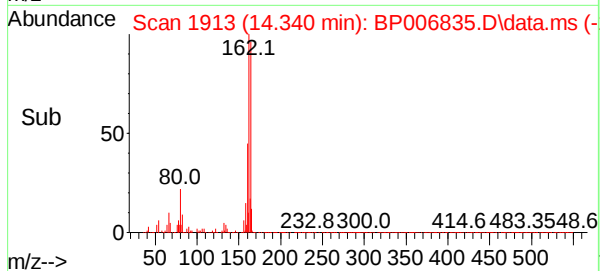
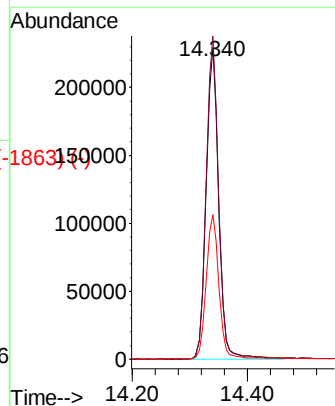
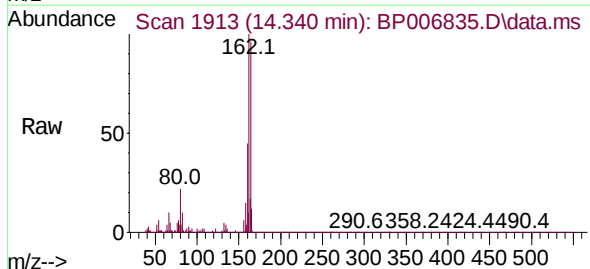


Abundance Scan 1922 (14.392 min): BP006476.D\data.ms (-1913) (-)

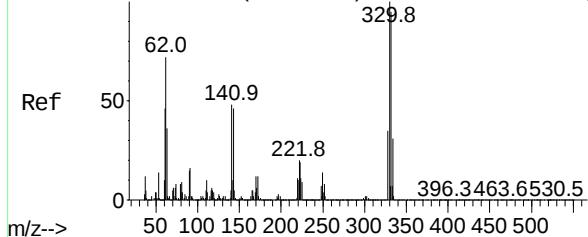
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BP006835.D
Acq: 23 Aug 2021 17:29



Tgt Ion:	164	Resp:	347238
Ion	Ratio	Lower	Upper
164	100		
162	103.7	80.2	120.2
160	46.5	34.5	51.7



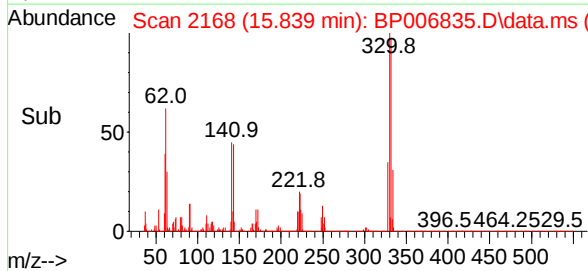
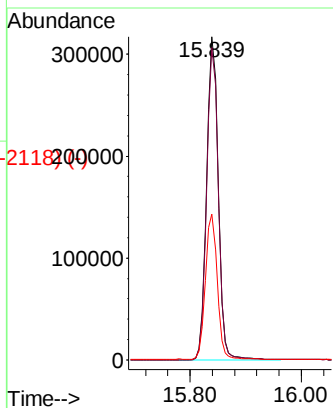
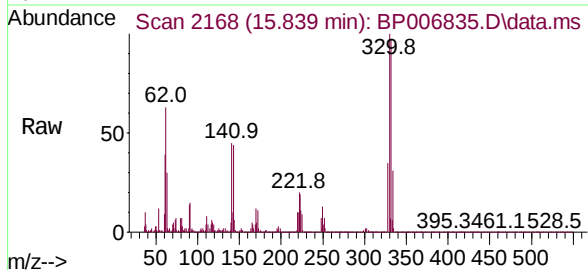
Abundance Scan 2175 (15.881 min): BP006476.D\data.ms (-2168)



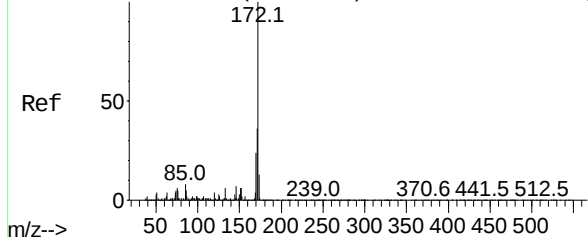
2,4,6-Tribromophenol
Concen: 125.093 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BP006835.D
Acq: 23 Aug 2021 17:29

Instrument :
BNA_P
ClientSampleId :
SWCS-09-0002

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.8	116.8
141	46.1	25.4	38.2#

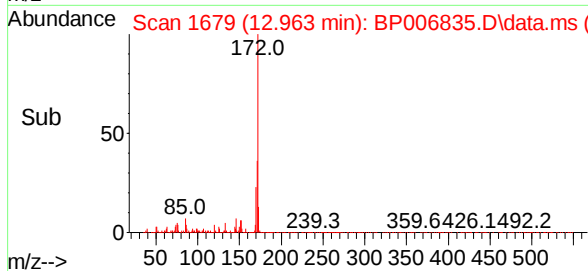
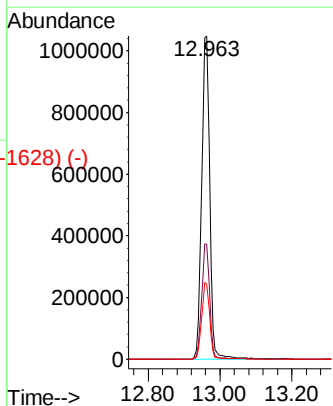
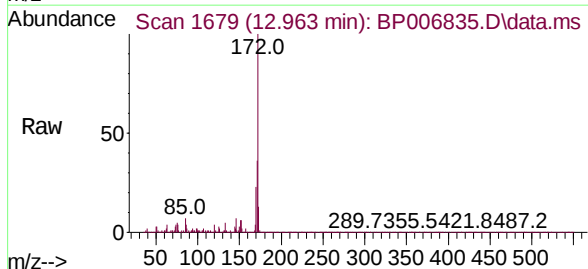


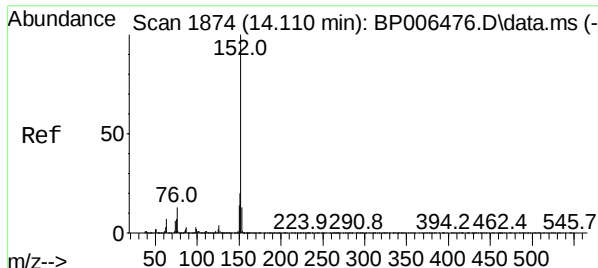
Abundance Scan 1688 (13.016 min): BP006476.D\data.ms (-1675)



2-Fluorobiphenyl
Concen: 70.205 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.000 min
Lab File: BP006835.D
Acq: 23 Aug 2021 17:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.9	41.9
170	23.2	18.6	27.8

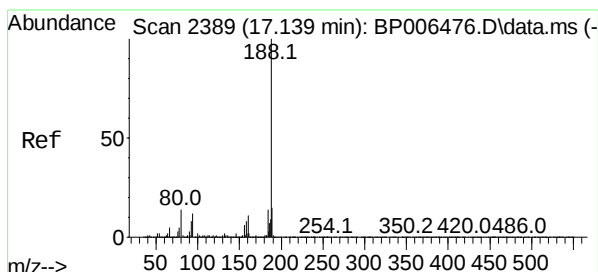
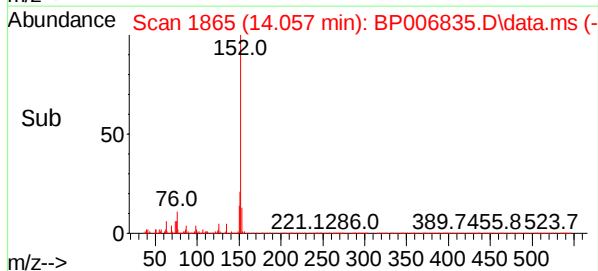
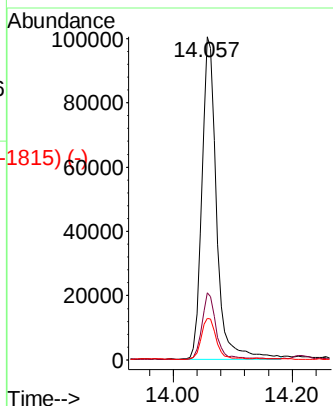
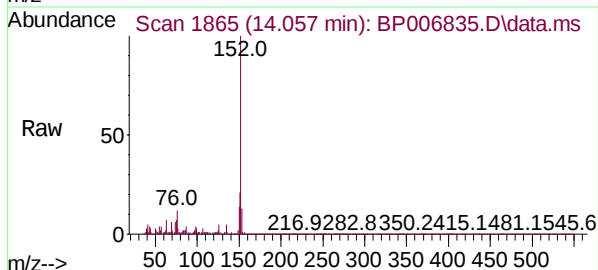




Acenaphthylene
Concen: 5.312 ng
RT: 14.057 min Scan# 1865
Delta R.T. -0.006 min
Lab File: BP006835.D
Acq: 23 Aug 2021 17:29

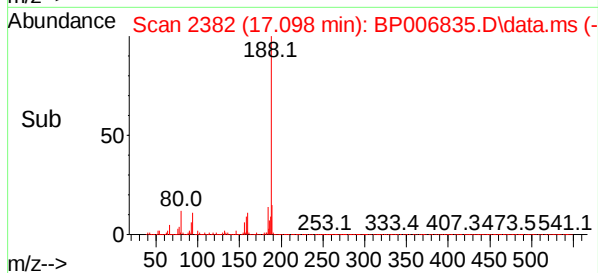
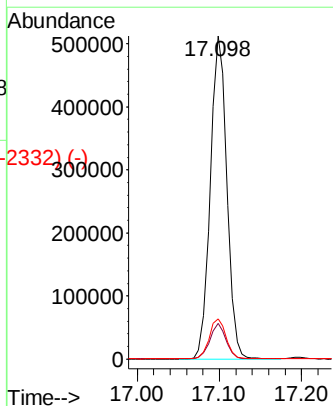
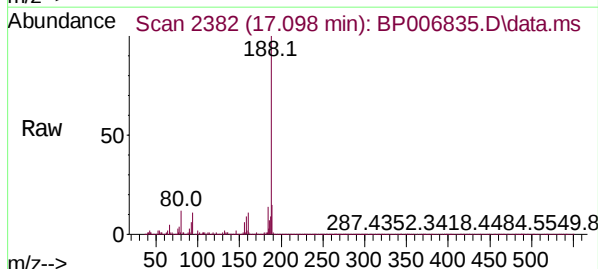
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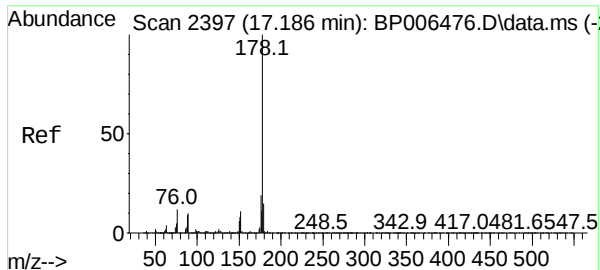
Tgt Ion:	152	Resp:	173350
Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.2	24.2
153	12.9	10.6	16.0



Phenanthrene-d10
Concen: 20.000 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.006 min
Lab File: BP006835.D
Acq: 23 Aug 2021 17:29

Tgt Ion:	188	Resp:	719586
Ion	Ratio	Lower	Upper
188	100		
94	11.0	5.6	8.4#
80	12.4	6.3	9.5#

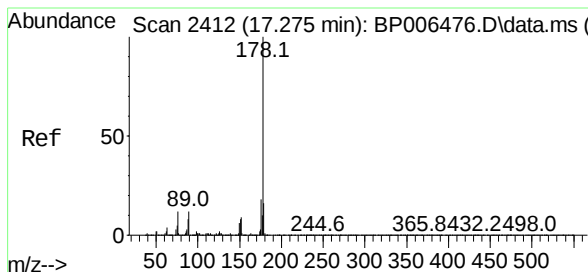
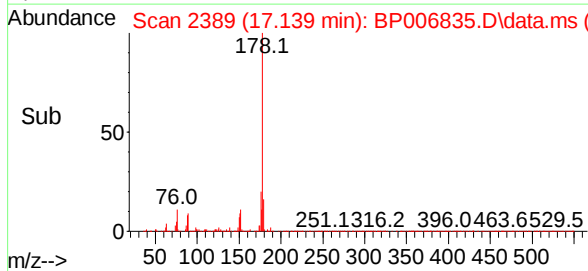
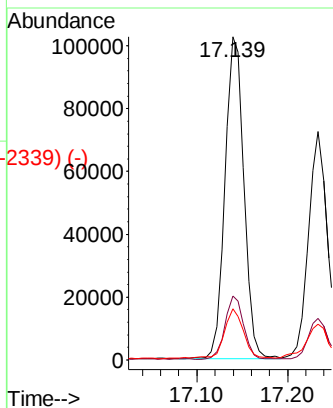
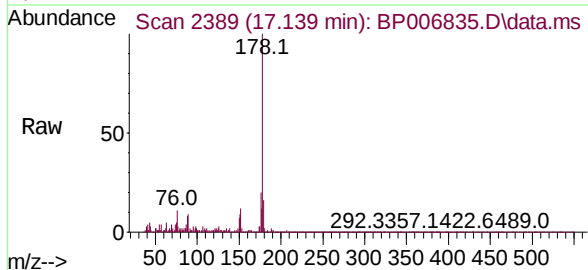




Phenanthrene
Concen: 3.647 ng
RT: 17.139 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BP006835.D
Acq: 23 Aug 2021 17:29

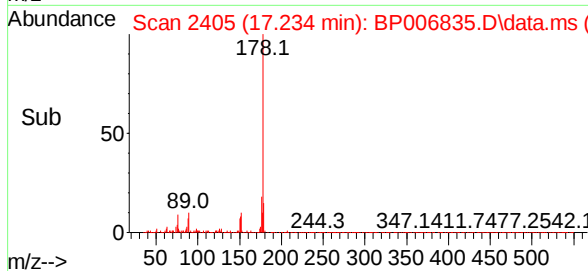
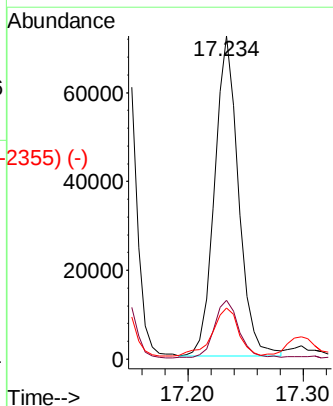
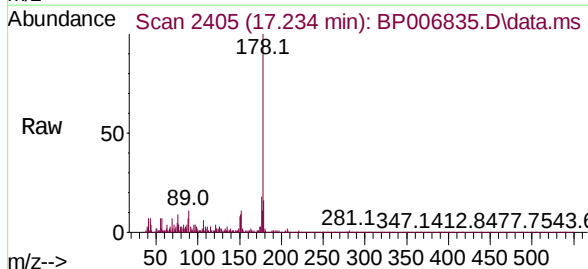
Instrument :
BNA_P
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SWCS-09-0002

Tgt Ion:	178	Resp:	148034
Ion Ratio	Lower	Upper	
178	100		
176	19.8	15.1	22.7
179	15.9	12.4	18.6

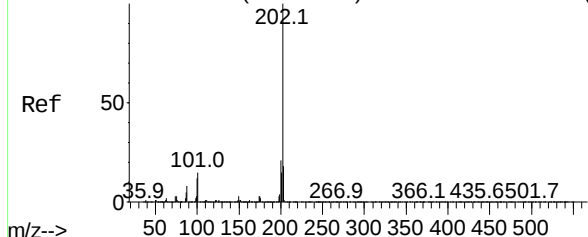


Anthracene
Concen: 2.663 ng
RT: 17.234 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BP006835.D
Acq: 23 Aug 2021 17:29

Tgt Ion:	178	Resp:	104456
Ion Ratio	Lower	Upper	
178	100		
176	18.3	14.9	22.3
179	15.8	12.2	18.2



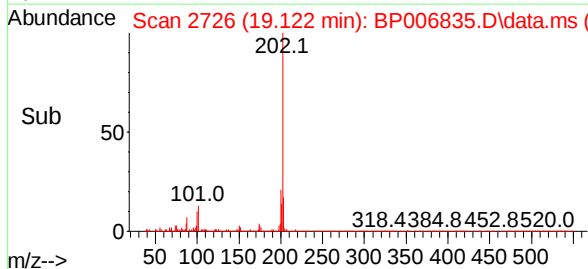
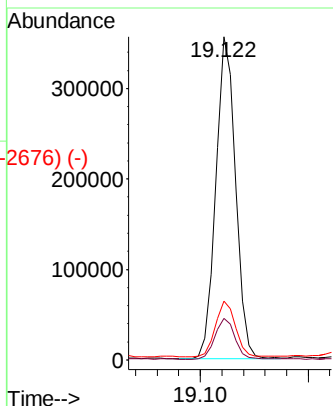
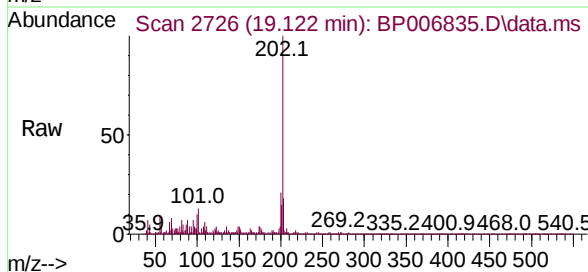
Abundance Scan 2732 (19.157 min): BP006476.D\data.ms (-2732) (-)



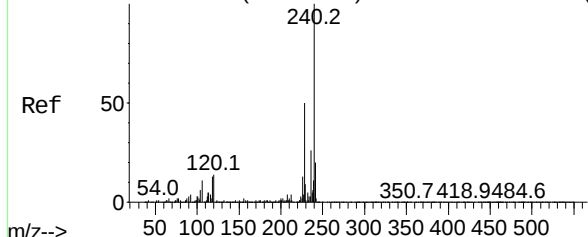
Fluoranthene
Concen: 10.031 ng
RT: 19.122 min Scan# 2726
Delta R.T. -0.006 min
Lab File: BP006835.D
Acq: 23 Aug 2021 17:29

Instrument :
BNA_P
ClientSampleId :
SWCS-09-0002

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	456999		
101	12.9		0.0	27.6
203	18.1		0.0	37.8

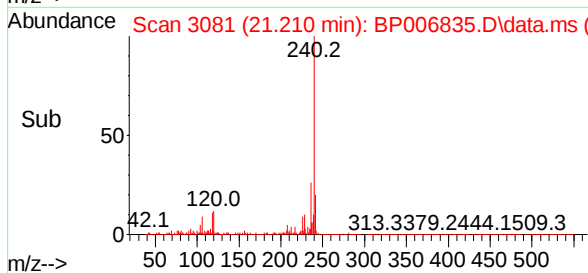
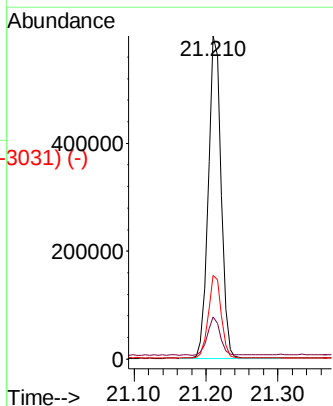
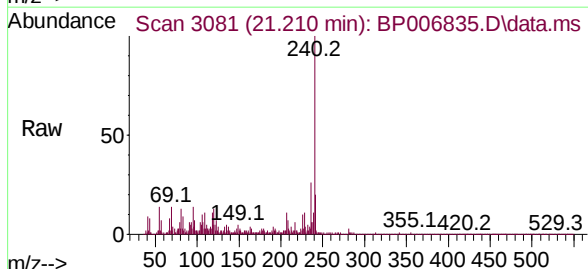


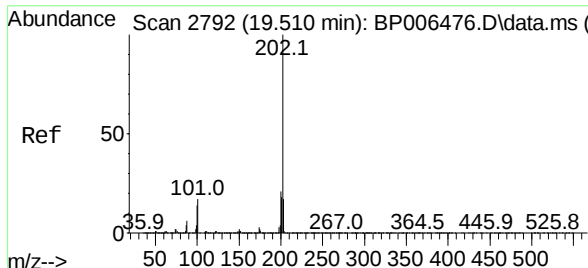
Abundance Scan 3086 (21.239 min): BP006476.D\data.ms (-3079) (-)



Chrysene-d12
Concen: 20.000 ng
RT: 21.210 min Scan# 3081
Delta R.T. -0.006 min
Lab File: BP006835.D
Acq: 23 Aug 2021 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	745143		
120	13.0		6.5	9.7#
236	25.9		20.6	31.0

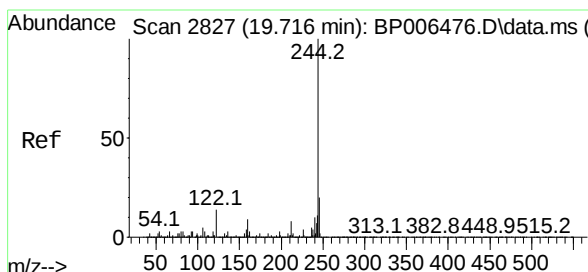
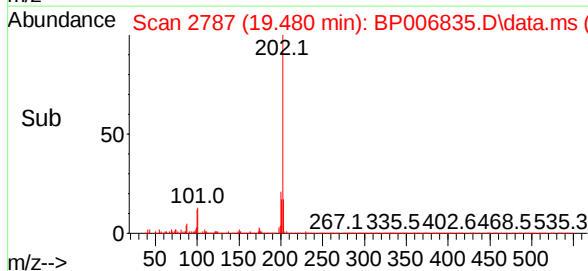
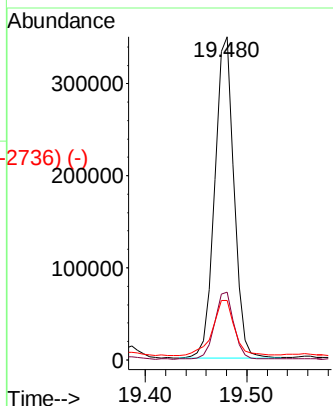
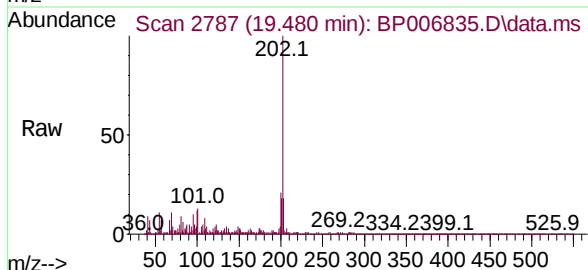




Scan 2792 (19.510 min): BP006476.D\data.ms (-2779) (-)
 Pyrene
 Concen: 9.187 ng
 RT: 19.480 min Scan# 2787
 Delta R.T. -0.000 min
 Lab File: BP006835.D
 Acq: 23 Aug 2021 17:29

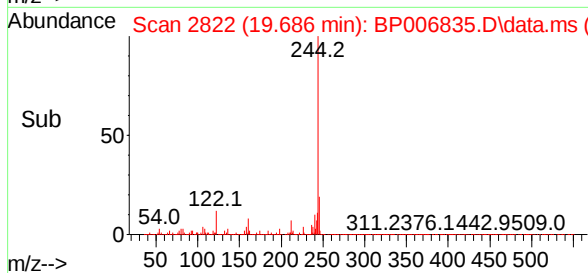
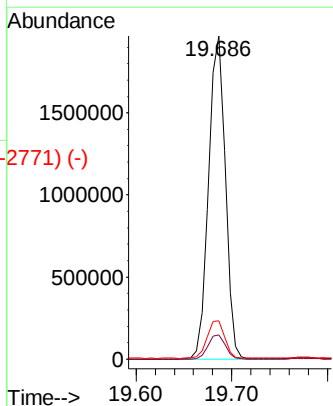
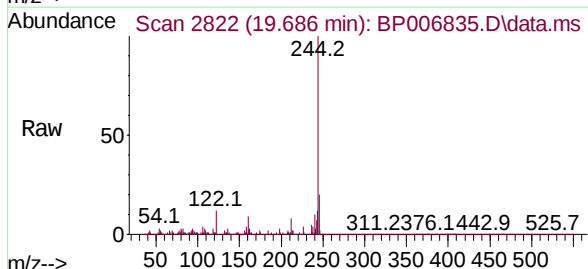
Instrument :
 BNA_P
 ClientSampleId :
 SWCS-09-0002

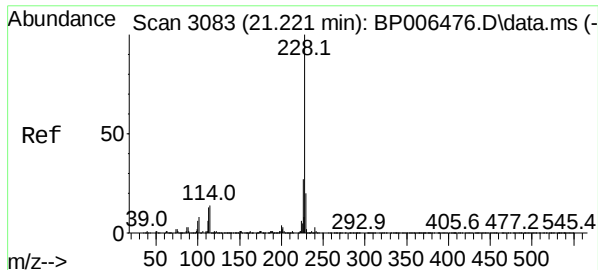
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.3	24.5
203	18.3	14.2	21.2



Scan 2827 (19.716 min): BP006476.D\data.ms (-2817) (-)
 Terphenyl-d14
 Concen: 63.934 ng
 RT: 19.686 min Scan# 2822
 Delta R.T. -0.000 min
 Lab File: BP006835.D
 Acq: 23 Aug 2021 17:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	11.9	7.1	10.7#

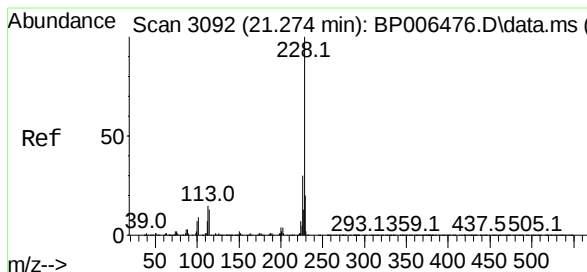
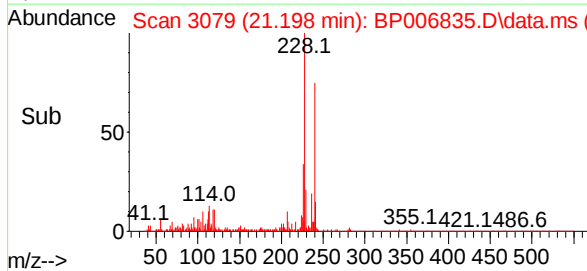
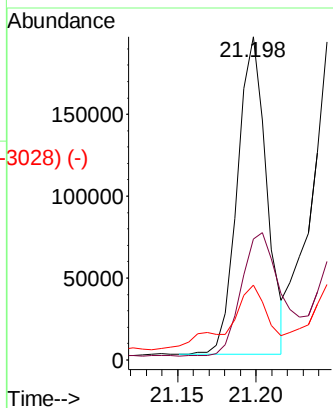
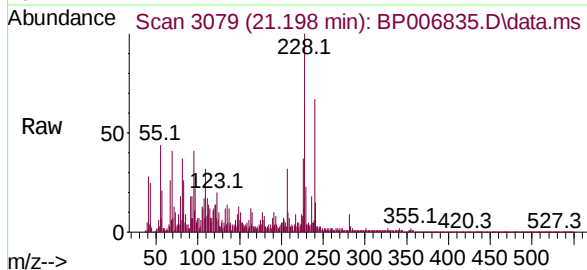




Benzo(a)anthracene
Concen: 5.160 ng
RT: 21.198 min Scan# 3079
Delta R.T. -0.000 min
Lab File: BP006835.D
Acq: 23 Aug 2021 17:29

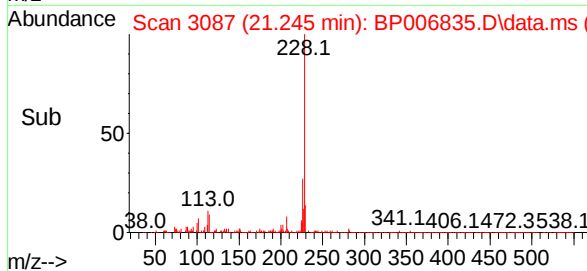
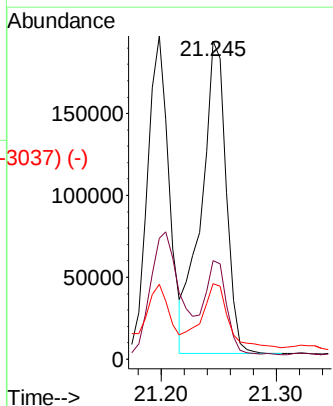
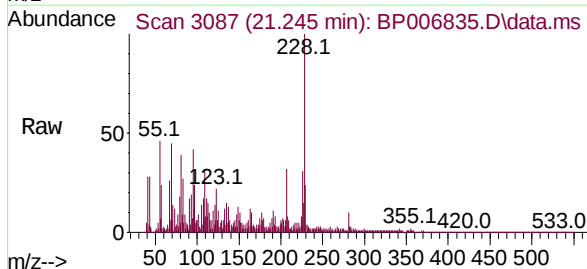
Instrument :
BNA_P
ClientSampleId :
SWCS-09-0002

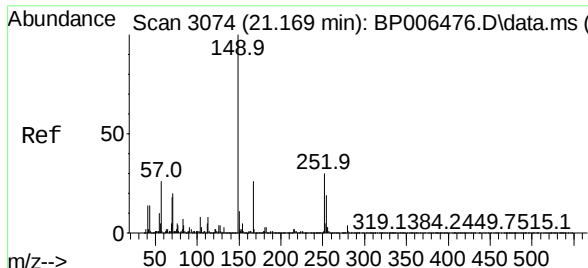
Tgt Ion:	228	Resp:	251296
Ion	Ratio	Lower	Upper
228	100		
226	37.4	21.6	32.4#
229	23.2	15.8	23.6



Chrysene
Concen: 6.060 ng
RT: 21.245 min Scan# 3087
Delta R.T. -0.006 min
Lab File: BP006835.D
Acq: 23 Aug 2021 17:29

Tgt Ion:	228	Resp:	286114
Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.8	35.6
229	23.7	15.4	23.2#

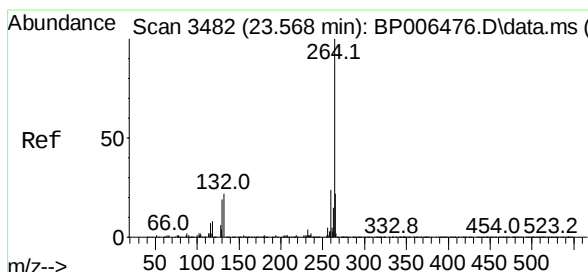
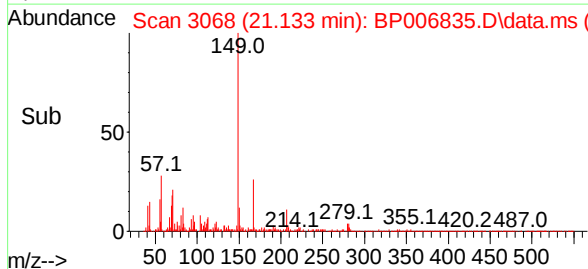
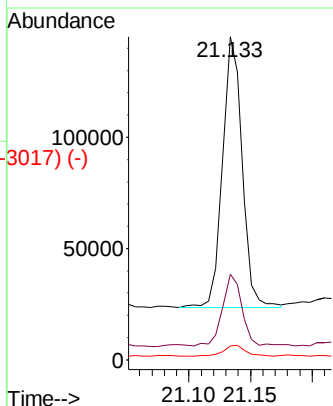
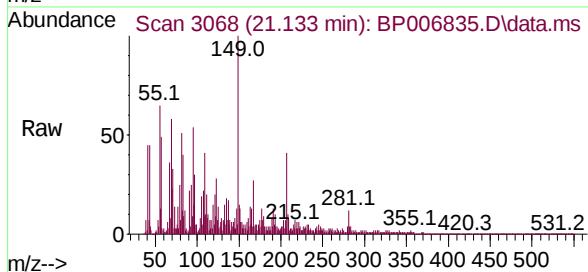




Bis(2-ethylhexyl)phthalate
Concen: 4.114 ng
RT: 21.133 min Scan# 3068
Delta R.T. -0.000 min
Lab File: BP006835.D
Acq: 23 Aug 2021 17:29

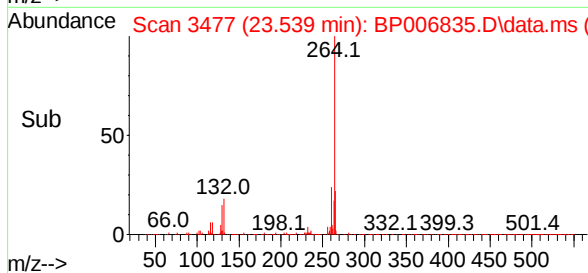
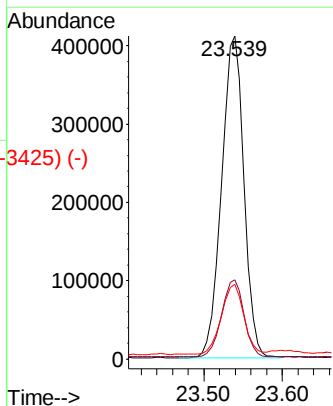
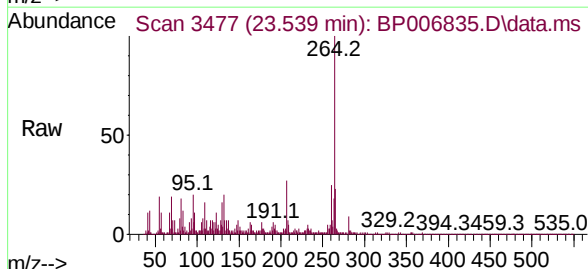
Instrument :
BNA_P
ClientSampleId :
SWCS-09-0002

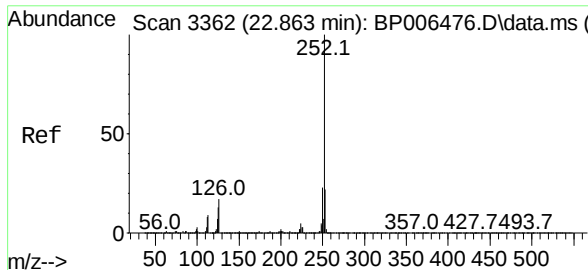
Tgt Ion:	149	Resp:	135316
Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.9	32.9
279	4.4	4.3	6.5



Perylene-d12
Concen: 20.000 ng
RT: 23.539 min Scan# 3477
Delta R.T. 0.006 min
Lab File: BP006835.D
Acq: 23 Aug 2021 17:29

Tgt Ion:	264	Resp:	812189
Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.6	28.0
265	23.1	17.6	26.4

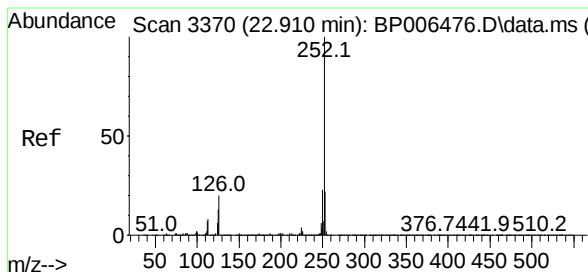
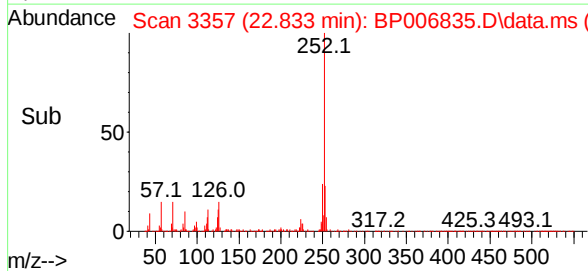
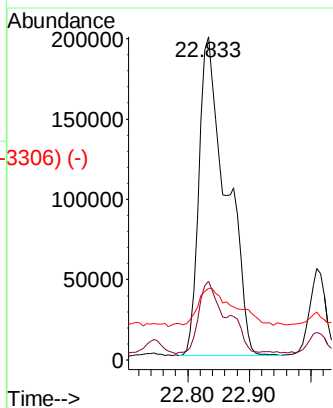
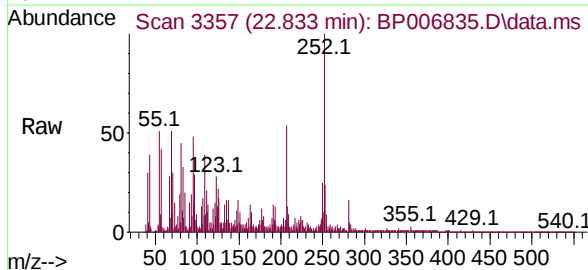




Benzo(b)fluoranthene
 Concen: 11.591 ng
 RT: 22.833 min Scan# 3357
 Delta R.T. -0.000 min
 Lab File: BP006835.D
 Acq: 23 Aug 2021 17:29

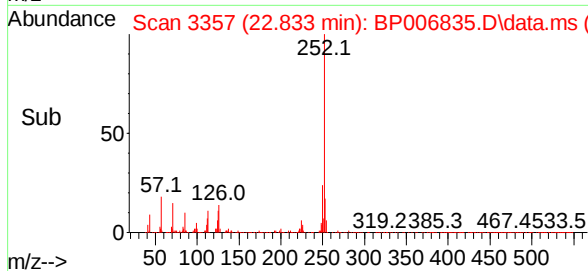
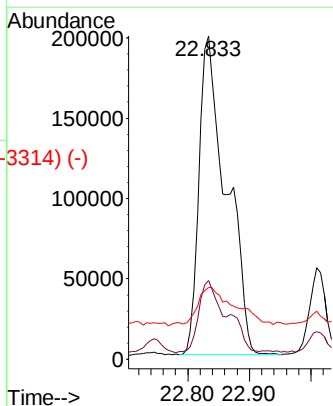
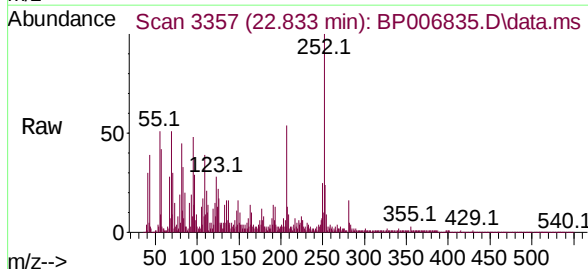
Instrument :
 BNA_P
 ClientSampleId :
 SWCS-09-0002

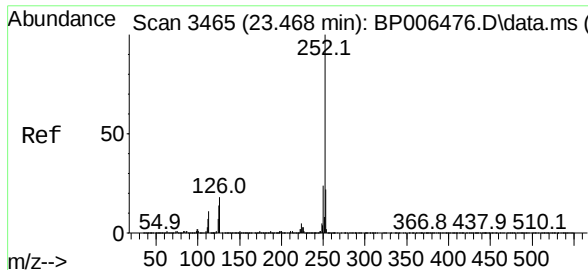
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.5	26.3
125	22.2	6.2	9.4#



Benzo(k)fluoranthene
 Concen: 12.072 ng
 RT: 22.833 min Scan# 3357
 Delta R.T. -0.047 min
 Lab File: BP006835.D
 Acq: 23 Aug 2021 17:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.6	26.4
125	22.2	6.0	9.0#

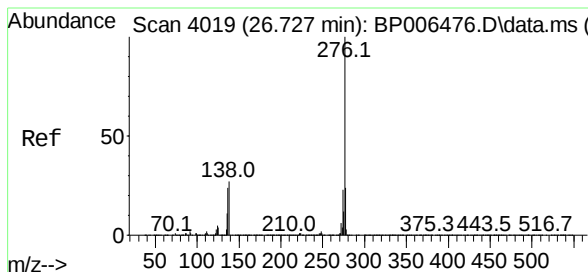
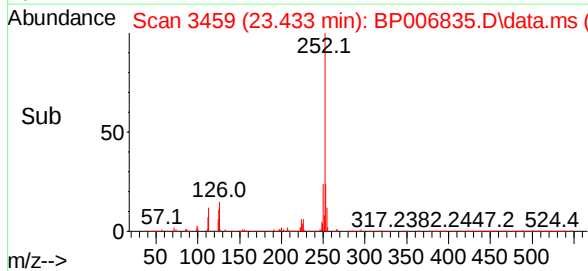
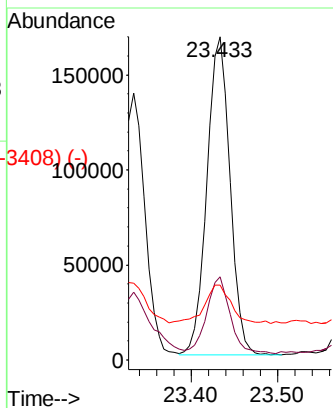
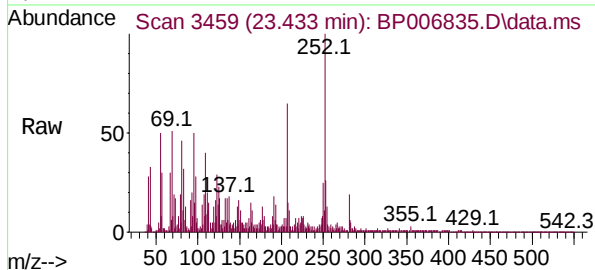




Benzo(a)pyrene
 Concen: 6.555 ng
 RT: 23.433 min Scan# 3459
 Delta R.T. -0.000 min
 Lab File: BP006835.D
 Acq: 23 Aug 2021 17:29

Instrument :
 BNA_P
 ClientSampleId :
 SWCS-09-0002

Tgt Ion:	252	Resp:	310353
Ion Ratio	Lower	Upper	
252	100		
253	25.8	17.9	26.9
125	23.1	6.5	9.7#



Benzo(g,h,i)perylene
 Concen: 6.635 ng
 RT: 26.668 min Scan# 4009
 Delta R.T. -0.000 min
 Lab File: BP006835.D
 Acq: 23 Aug 2021 17:29

Tgt Ion:	276	Resp:	323772
Ion Ratio	Lower	Upper	
276	100		
277	25.4	18.9	28.3
138	28.4	12.6	18.8#

