

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082521\
 Data File : BP006881.D
 Acq On : 25 Aug 2021 15:30
 Operator : CG/JU
 Sample : M3463-15RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SWCS-16-0204

Quant Time: Aug 25 16:13:04 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 25 11:27:41 2021
 Response via : Initial Calibration

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

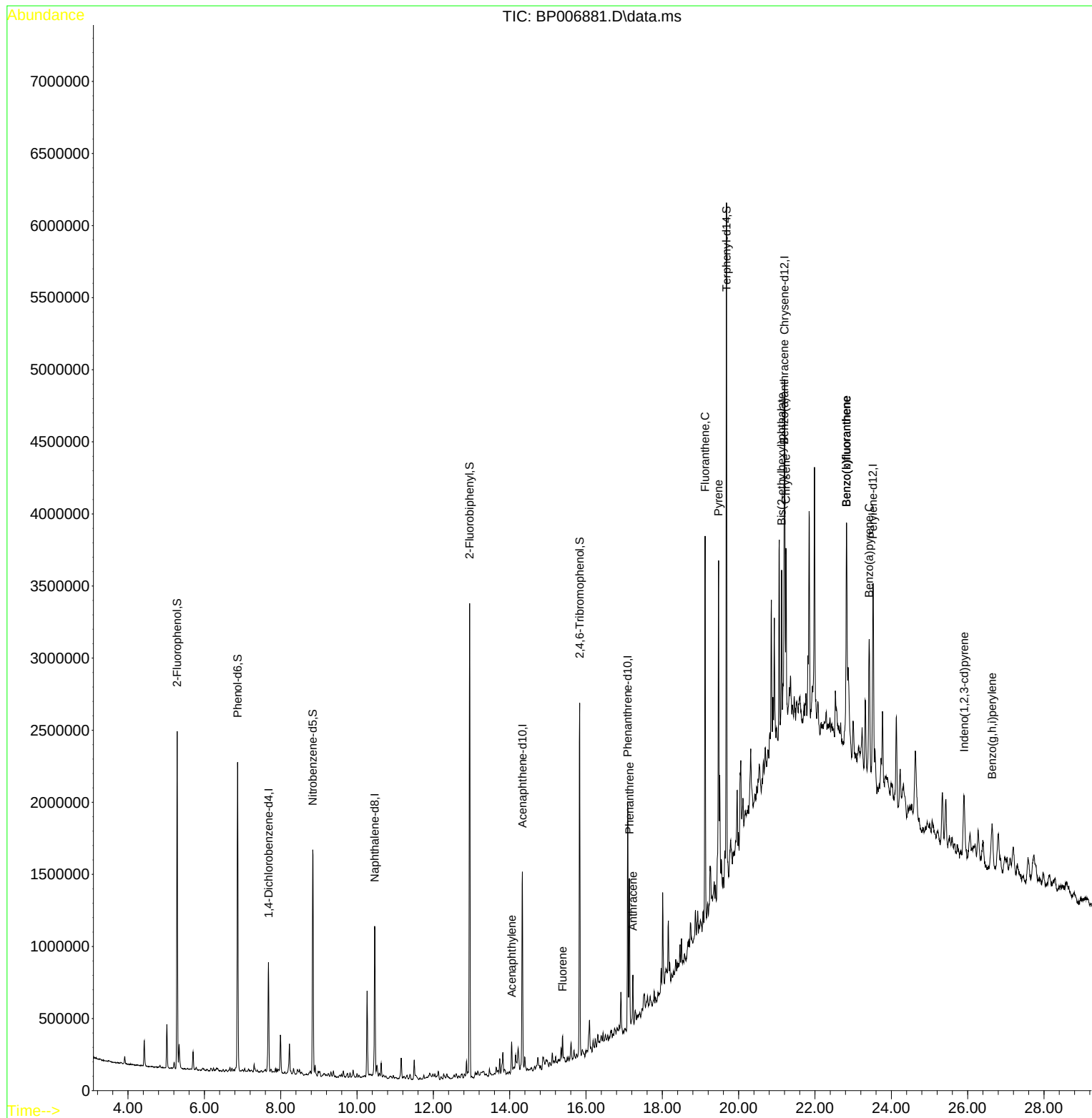
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	195345	20.000	ng	0.00
21) Naphthalene-d8	10.463	136	796274	20.000	ng	# 0.00
39) Acenaphthene-d10	14.333	164	438986	20.000	ng	0.00
64) Phenanthrene-d10	17.092	188	829922	20.000	ng	# 0.00
76) Chrysene-d12	21.204	240	818708	20.000	ng	# 0.01
86) Perylene-d12	23.521	264	892772	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	972808	76.489	ng	0.00
7) Phenol-d6	6.869	99	1224786	67.793	ng	0.00
23) Nitrobenzene-d5	8.840	82	948844	55.001	ng	0.00
42) 2,4,6-Tribromophenol	15.833	330	373447	81.398	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1537762	52.409	ng	0.00
79) Terphenyl-d14	19.680	244	1939971	47.481	ng	0.01
Target Compounds						Qvalue
49) Acenaphthylene	14.051	152	136939	3.319	ng	98
58) Fluorene	15.386	166	75856	2.403	ng	94
71) Phenanthrene	17.139	178	574438	12.271	ng	100
72) Anthracene	17.227	178	200513	4.433	ng	99
75) Fluoranthene	19.121	202	1420155	27.029	ng	96
78) Pyrene	19.474	202	1245655	22.779	ng	99
81) Benzo(a)anthracene	21.192	228	546941	10.222	ng	92
83) Chrysene	21.239	228	597525	11.519	ng	96
84) Bis(2-ethylhexyl)phtha...	21.127	149	353218	9.775	ng	# 98
87) Indeno(1,2,3-cd)pyrene	25.909	276	349676	5.402	ng	# 95
88) Benzo(b)fluoranthene	22.821	252	707765	12.198	ng	# 89
89) Benzo(k)fluoranthene	22.821	252	707765	12.705	ng	# 89
90) Benzo(a)pyrene	23.415	252	506125	9.725	ng	# 90
92) Benzo(g,h,i)perylene	26.639	276	365733	6.819	ng	# 88

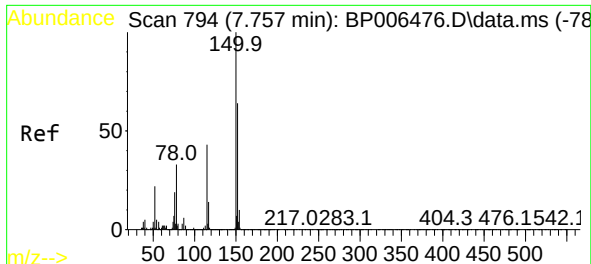
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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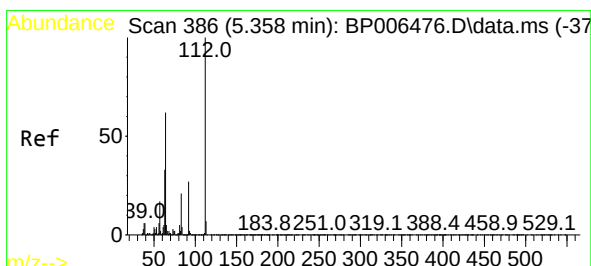
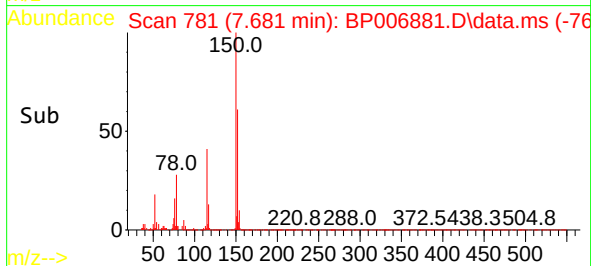
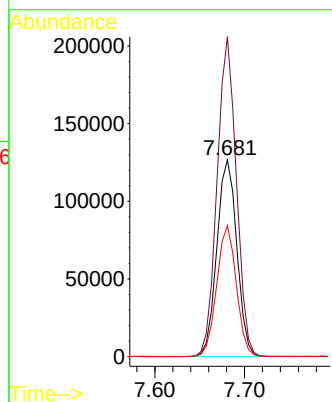
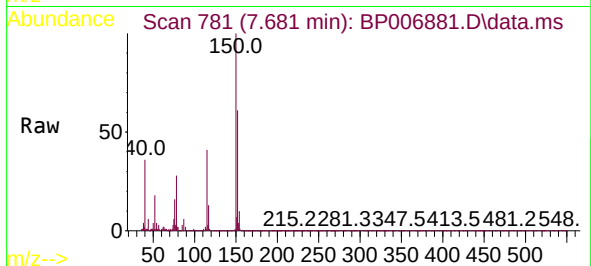




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.681 min Scan# 781
Delta R.T. -0.000 min
Lab File: BP006881.D
Acq: 25 Aug 2021 15:30

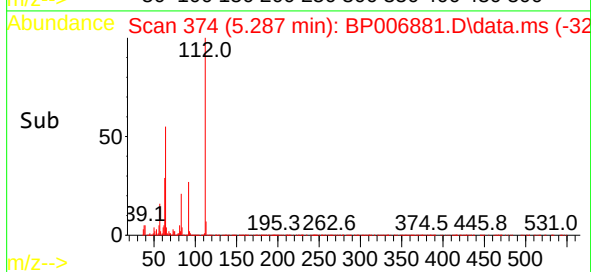
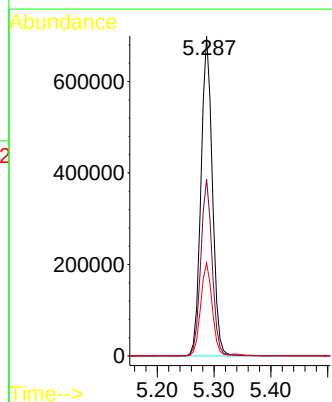
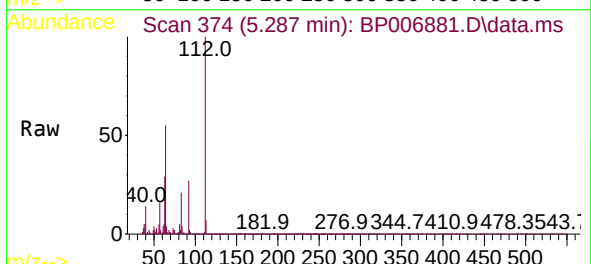
Instrument :
BNA_P
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SWCS-16-0204

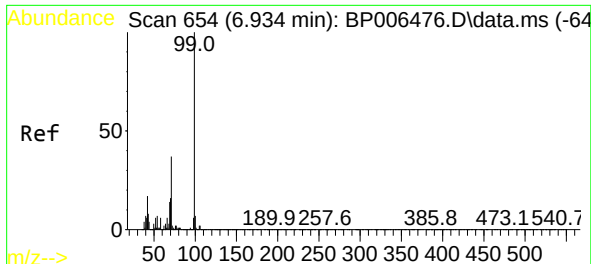
Tgt Ion:152 Resp: 195345
Ion Ratio Lower Upper
152 100
150 162.6 125.6 188.4
115 66.6 48.5 72.7



#5
2-Fluorophenol
Concen: 76.489 ng
RT: 5.287 min Scan# 374
Delta R.T. -0.000 min
Lab File: BP006881.D
Acq: 25 Aug 2021 15:30

Tgt Ion:112 Resp: 972808
Ion Ratio Lower Upper
112 100
64 55.3 41.4 62.2
63 29.1 23.8 35.8



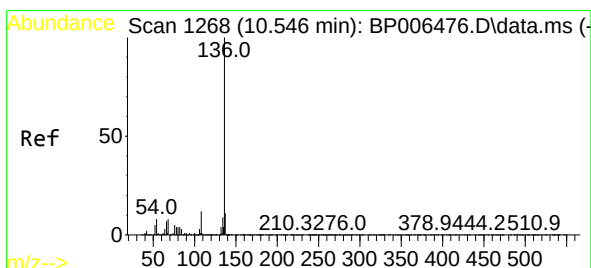
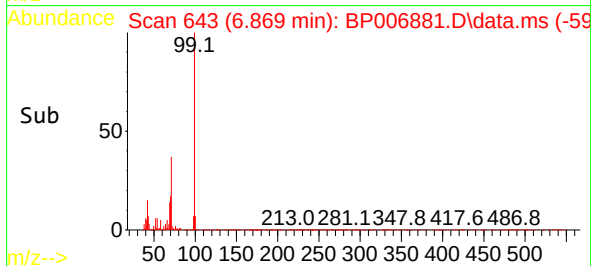
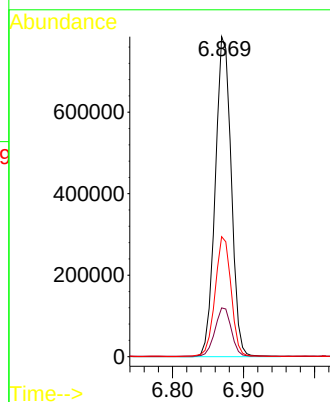
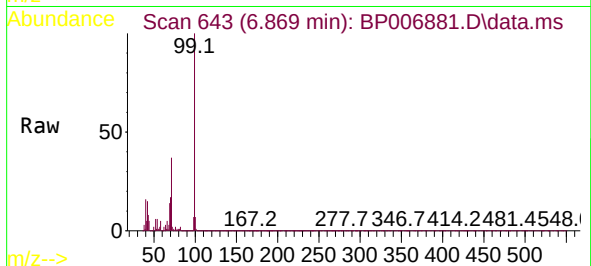


#7
Phenol-d6
Concen: 67.793 ng
RT: 6.869 min Scan# 643
Delta R.T. -0.000 min
Lab File: BP006881.D
Acq: 25 Aug 2021 15:30

Instrument :
BNA_P
ClientSampleId :
SWCS-16-0204

Tgt Ion: 99 Resp: 1224786

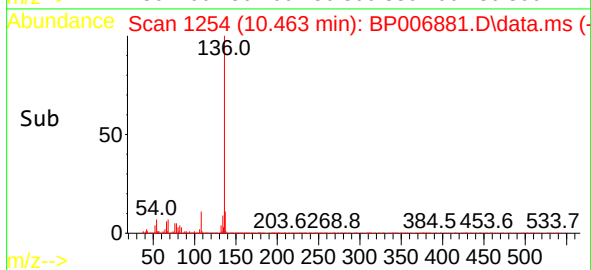
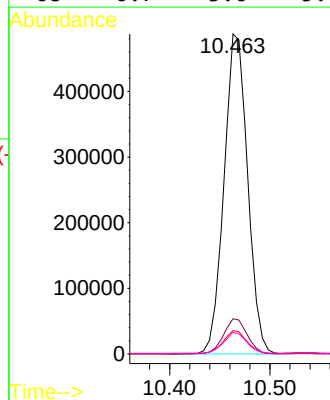
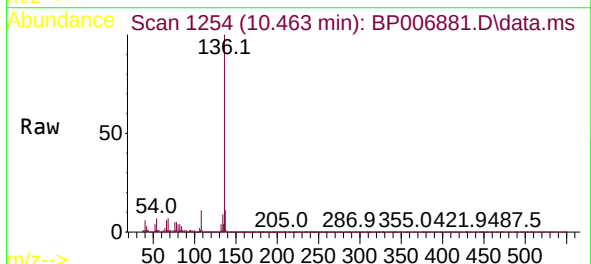
Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.4	20.0
71	37.5	30.6	46.0

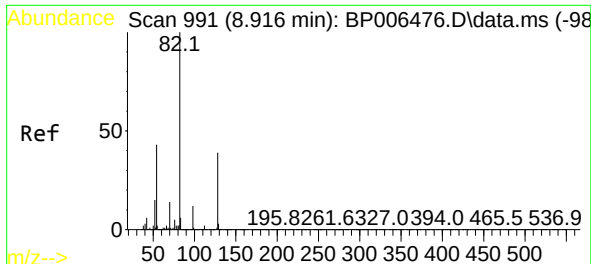


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.463 min Scan# 1254
Delta R.T. -0.000 min
Lab File: BP006881.D
Acq: 25 Aug 2021 15:30

Tgt Ion: 136 Resp: 796274

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	7.3	4.6	6.8#
68	6.7	3.6	5.4#

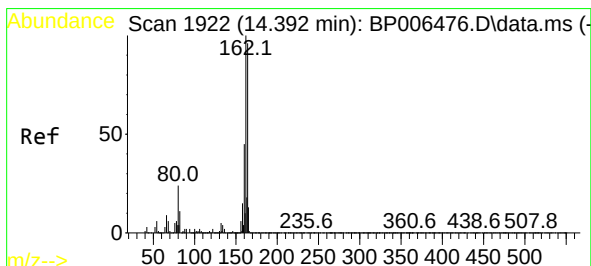
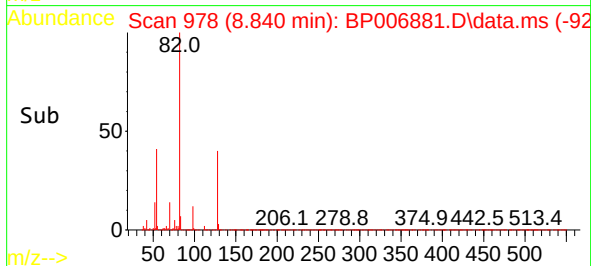
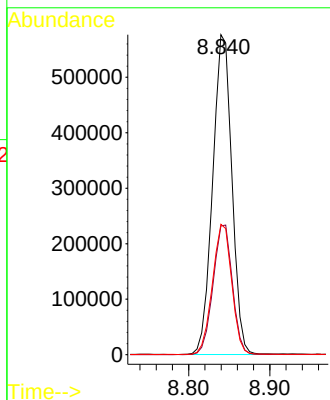
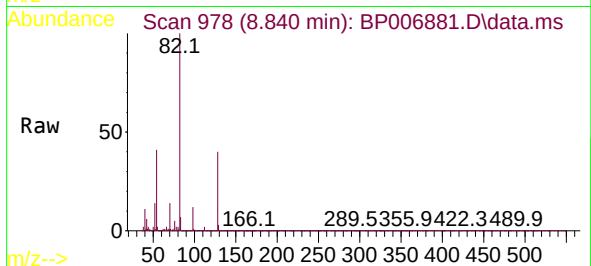




#23
Nitrobenzene-d5
Concen: 55.001 ng
RT: 8.840 min Scan# 978
Delta R.T. -0.006 min
Lab File: BP006881.D
Acq: 25 Aug 2021 15:30

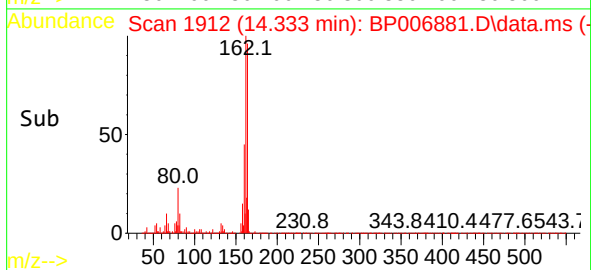
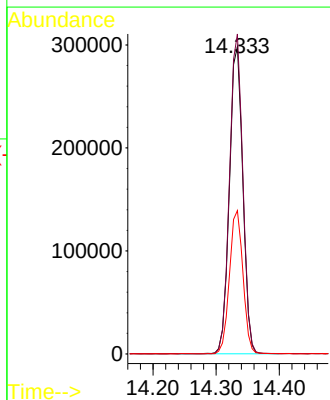
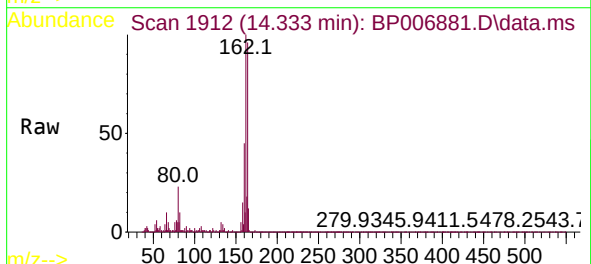
Instrument :
BNA_P
ClientSampleId :
SWCS-16-0204

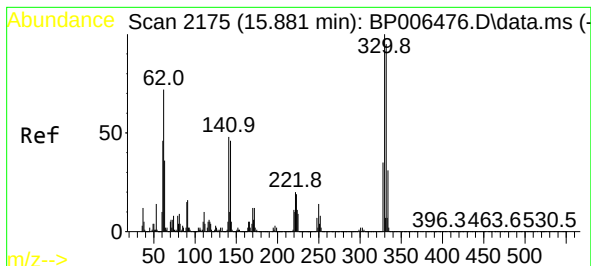
Tgt Ion: 82 Resp: 948844
Ion Ratio Lower Upper
82 100
128 40.2 35.7 53.5
54 40.7 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.333 min Scan# 1912
Delta R.T. 0.006 min
Lab File: BP006881.D
Acq: 25 Aug 2021 15:30

Tgt Ion: 164 Resp: 438986
Ion Ratio Lower Upper
164 100
162 104.1 80.2 120.2
160 46.7 34.5 51.7

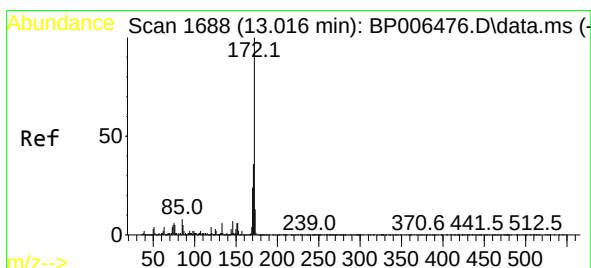
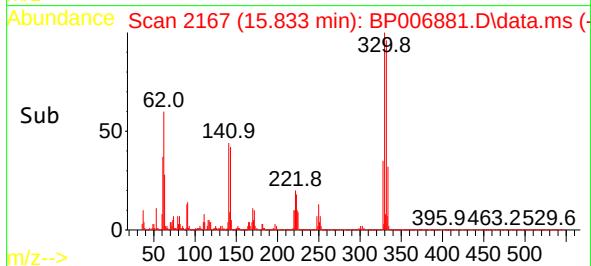
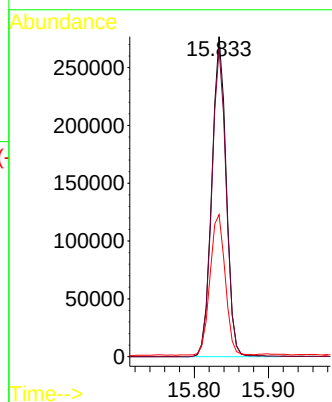
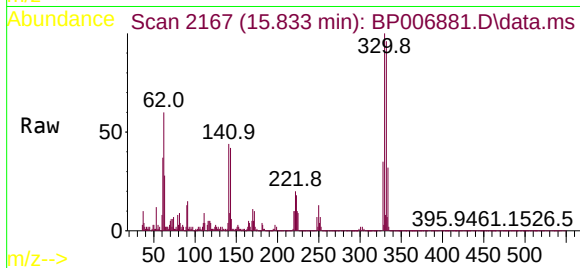




#42
2,4,6-Tribromophenol
Concen: 81.398 ng
RT: 15.833 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BP006881.D
Acq: 25 Aug 2021 15:30

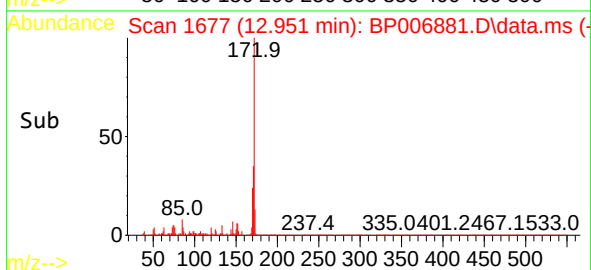
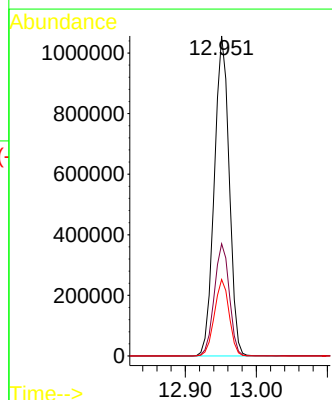
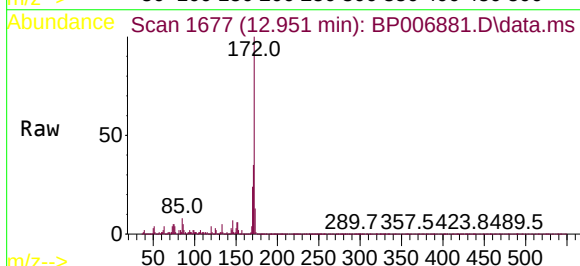
Instrument :
BNA_P
ClientSampleId :
SWCS-16-0204

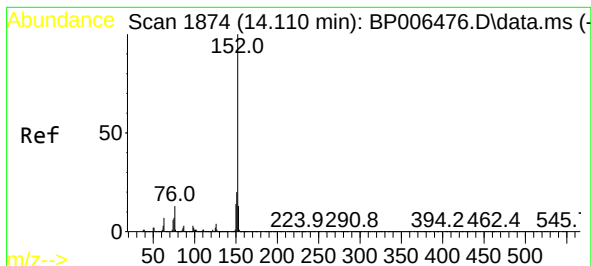
Tgt Ion:330 Resp: 373447
Ion Ratio Lower Upper
330 100
332 96.4 77.8 116.8
141 46.4 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 52.409 ng
RT: 12.951 min Scan# 1677
Delta R.T. 0.006 min
Lab File: BP006881.D
Acq: 25 Aug 2021 15:30

Tgt Ion:172 Resp: 1537762
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 23.9 18.6 27.8





#49

Acenaphthylene

Concen: 3.319 ng

RT: 14.051 min Scan# 1864

Delta R.T. 0.006 min

Lab File: BP006881.D

Acq: 25 Aug 2021 15:30

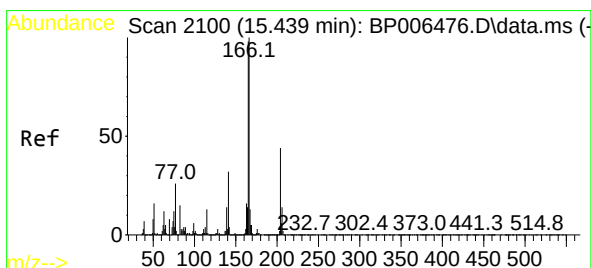
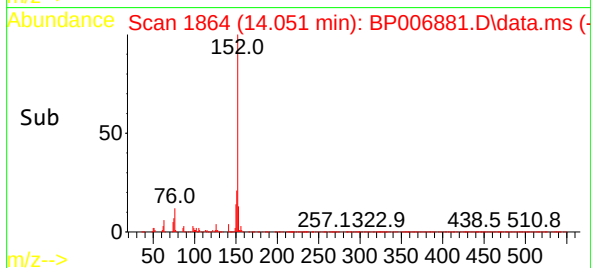
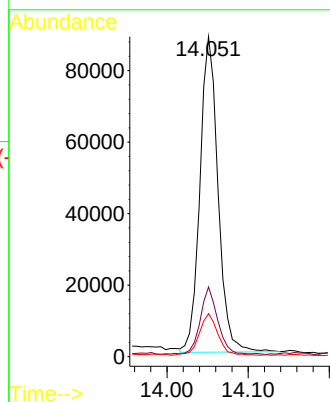
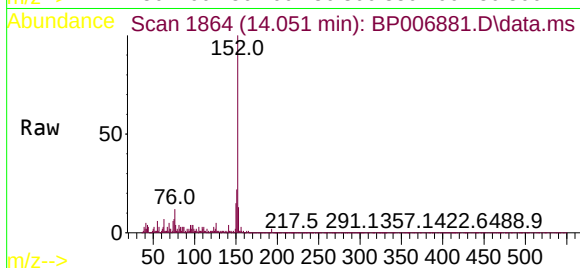
Instrument :

BNA_P

ClientSampleId :

SWCS-16-0204

Tgt Ion:	152	Resp:	136939
Ion Ratio	Lower	Upper	
152	100		
151	21.8	16.2	24.2
153	13.4	10.6	16.0



#58

Fluorene

Concen: 2.403 ng

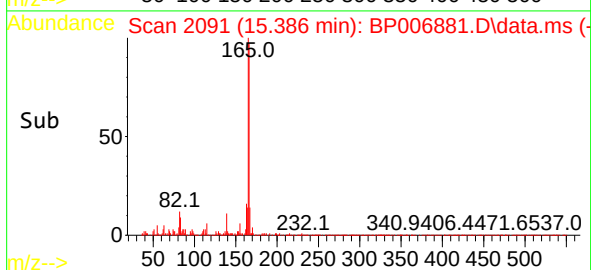
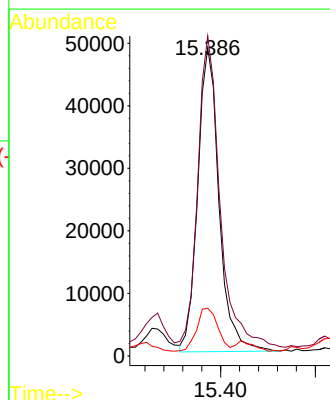
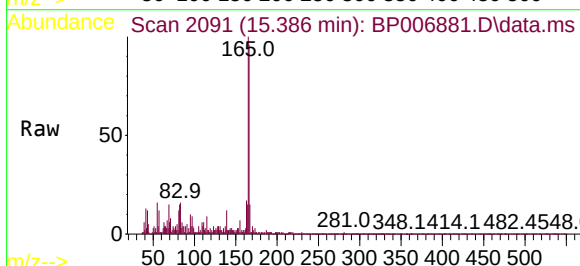
RT: 15.386 min Scan# 2091

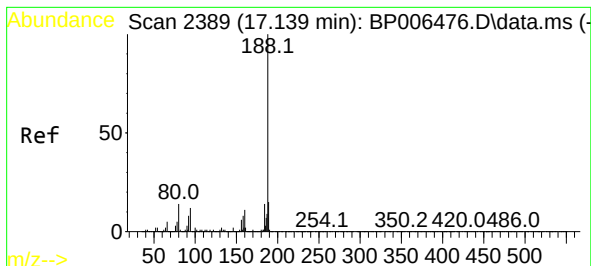
Delta R.T. 0.006 min

Lab File: BP006881.D

Acq: 25 Aug 2021 15:30

Tgt Ion:	166	Resp:	75856
Ion Ratio	Lower	Upper	
166	100		
165	103.8	78.0	117.0
167	15.5	10.5	15.7

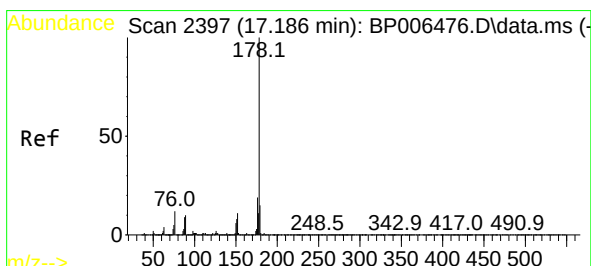
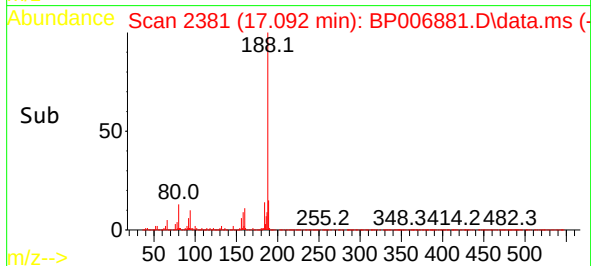
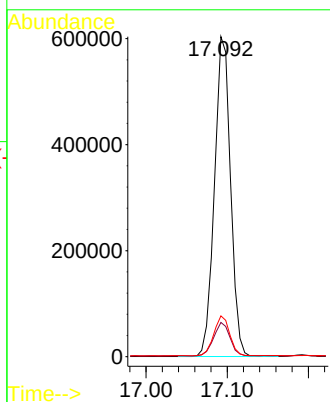
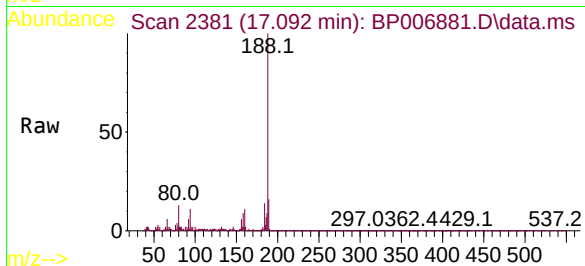




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2381
Delta R.T. 0.006 min
Lab File: BP006881.D
Acq: 25 Aug 2021 15:30

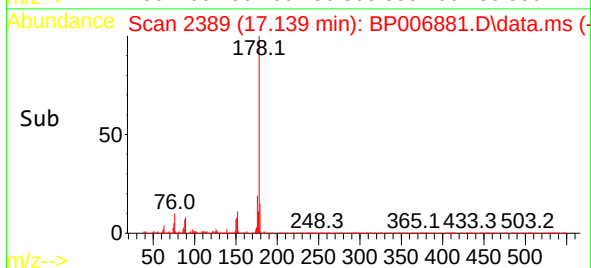
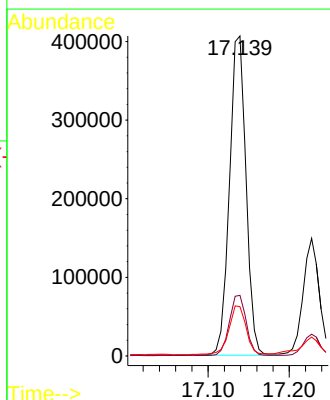
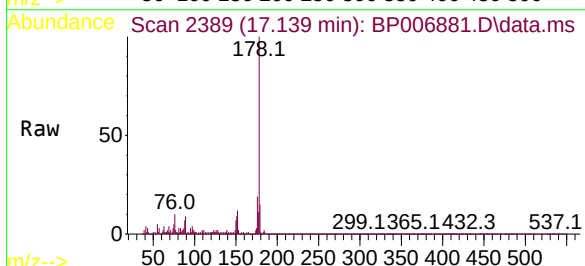
Instrument :
BNA_P
ClientSampleId :
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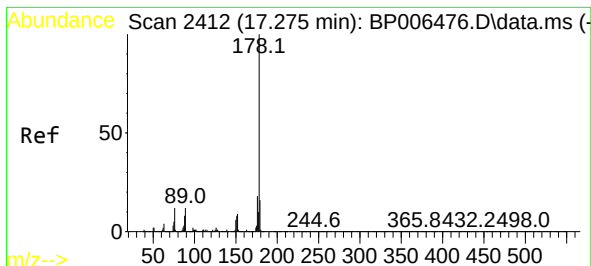
Tgt Ion:188 Resp: 829922
Ion Ratio Lower Upper
188 100
94 10.7 5.6 8.4#
80 12.8 6.3 9.5#



#71
Phenanthrene
Concen: 12.271 ng
RT: 17.139 min Scan# 2389
Delta R.T. 0.012 min
Lab File: BP006881.D
Acq: 25 Aug 2021 15:30

Tgt Ion:178 Resp: 574438
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.4 12.4 18.6

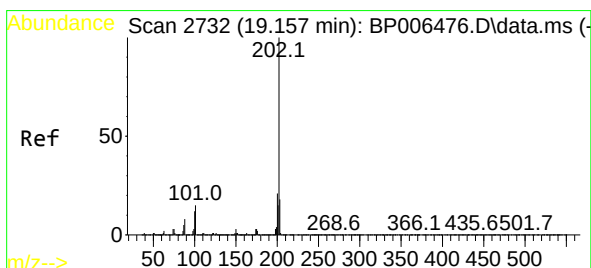
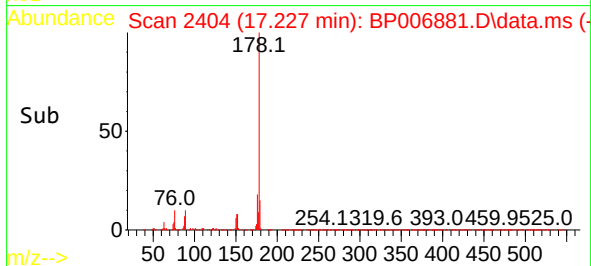
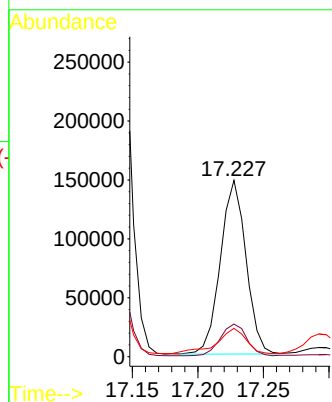
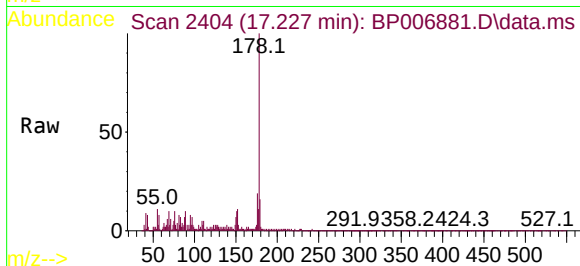




#72
 Anthracene
 Concen: 4.433 ng
 RT: 17.227 min Scan# 2404
 Delta R.T. 0.006 min
 Lab File: BP006881.D
 Acq: 25 Aug 2021 15:30

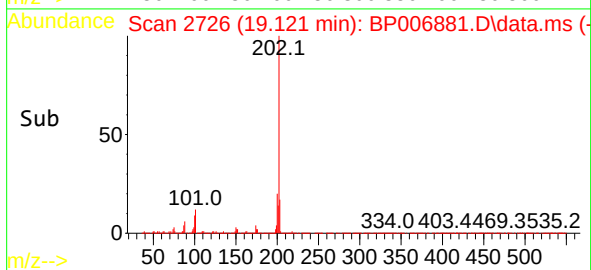
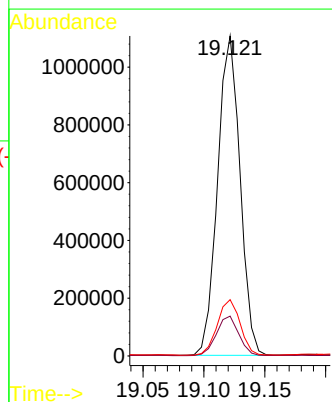
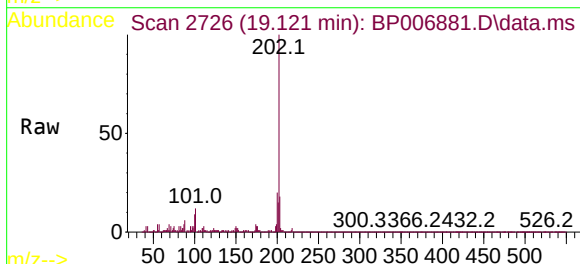
Instrument :
 BNA_P
 ClientSampleId :
 SWCS-16-0204

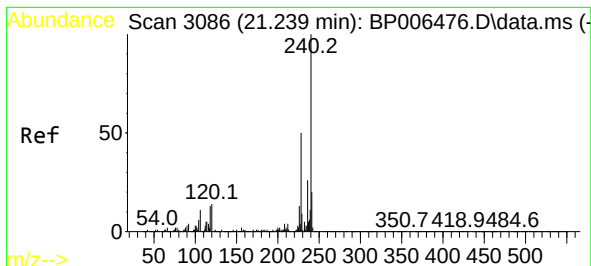
Tgt Ion:178 Resp: 200513
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.9 22.3
 179 16.0 12.2 18.2



#75
 Fluoranthene
 Concen: 27.029 ng
 RT: 19.121 min Scan# 2726
 Delta R.T. 0.012 min
 Lab File: BP006881.D
 Acq: 25 Aug 2021 15:30

Tgt Ion:202 Resp: 1420155
 Ion Ratio Lower Upper
 202 100
 101 12.5 0.0 27.6
 203 17.6 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.204 min Scan# 3080

Delta R.T. 0.012 min

Lab File: BP006881.D

Acq: 25 Aug 2021 15:30

Instrument :

BNA_P

ClientSampleId :

SWCS-16-0204

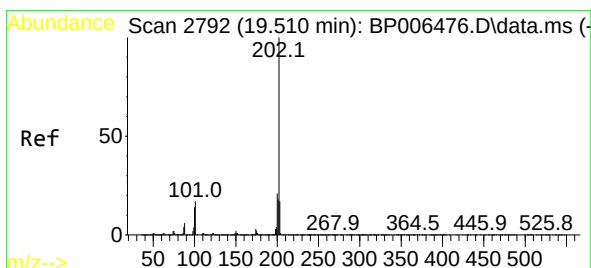
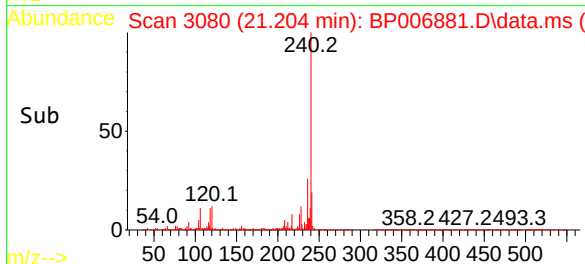
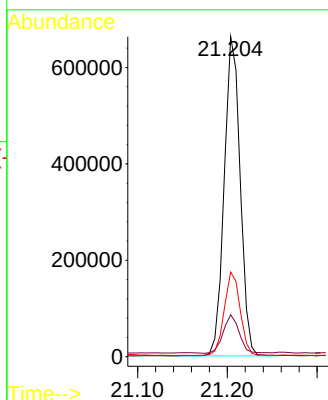
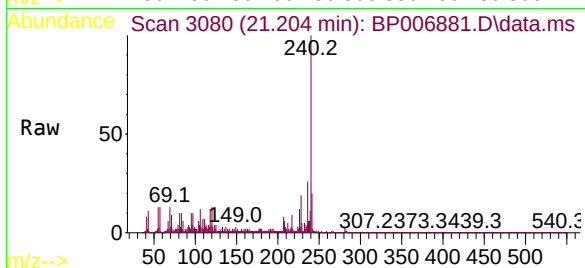
Tgt Ion:240 Resp: 818708

Ion Ratio Lower Upper

240 100

120 13.1 6.5 9.7#

236 26.5 20.6 31.0



#78

Pyrene

Concen: 22.779 ng

RT: 19.474 min Scan# 2786

Delta R.T. 0.012 min

Lab File: BP006881.D

Acq: 25 Aug 2021 15:30

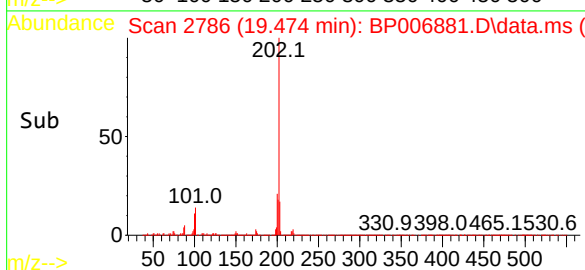
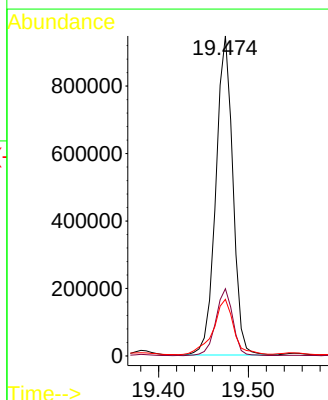
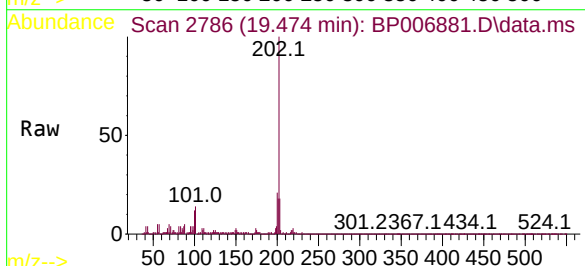
Tgt Ion:202 Resp: 1245655

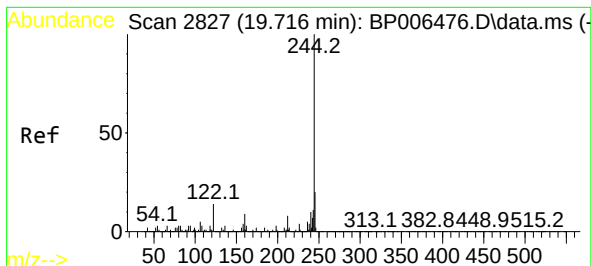
Ion Ratio Lower Upper

202 100

200 21.0 16.3 24.5

203 17.7 14.2 21.2

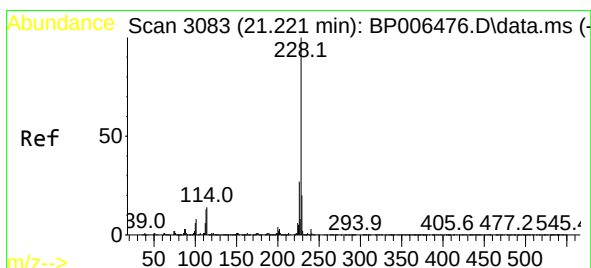
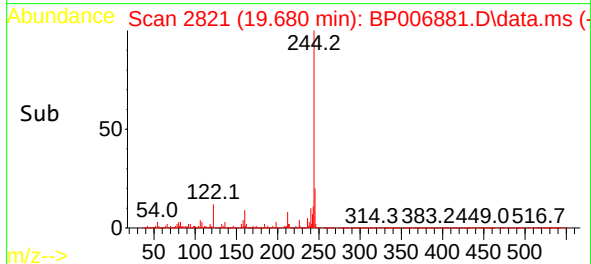
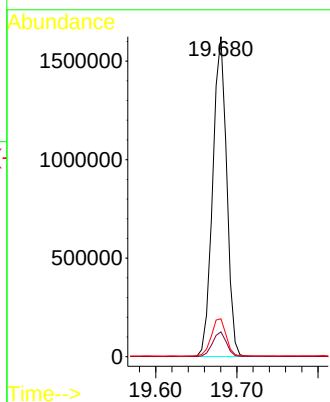
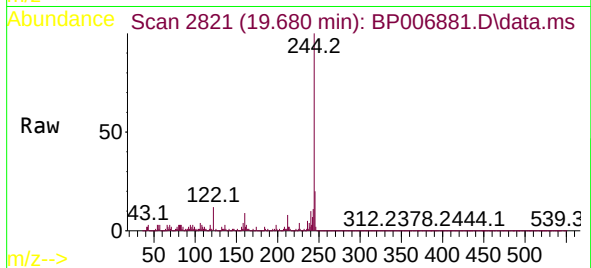




#79
 Terphenyl-d14
 Concen: 47.481 ng
 RT: 19.680 min Scan# 2821
 Delta R.T. 0.012 min
 Lab File: BP006881.D
 Acq: 25 Aug 2021 15:30

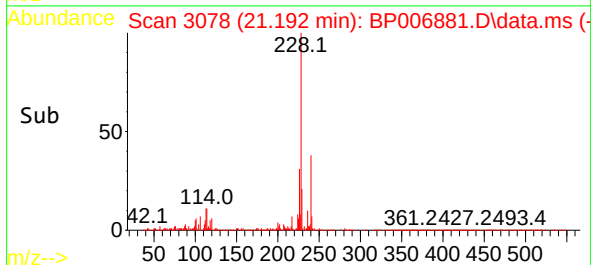
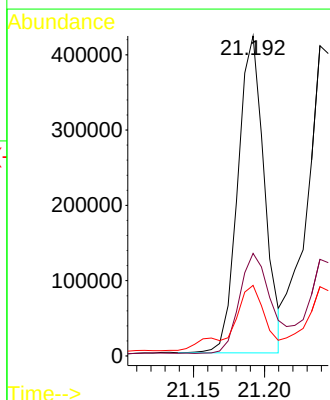
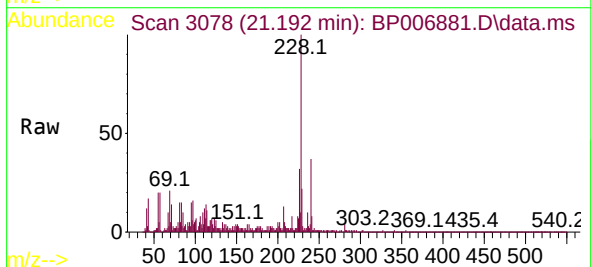
Instrument :
 BNA_P
 ClientSampleId :
 SWCS-16-0204

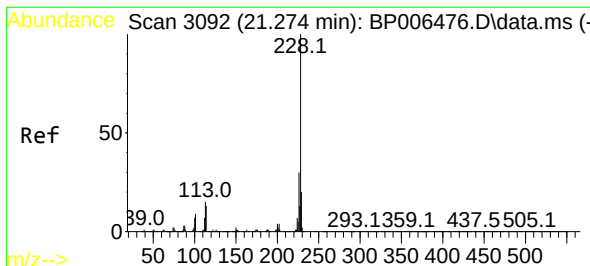
Tgt Ion:244 Resp: 1939971
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 11.9 7.1 10.7#



#81
 Benzo(a)anthracene
 Concen: 10.222 ng
 RT: 21.192 min Scan# 3078
 Delta R.T. 0.012 min
 Lab File: BP006881.D
 Acq: 25 Aug 2021 15:30

Tgt Ion:228 Resp: 546941
 Ion Ratio Lower Upper
 228 100
 226 32.0 21.6 32.4
 229 22.1 15.8 23.6





#83

Chrysene

Concen: 11.519 ng

RT: 21.239 min Scan# 3086

Delta R.T. 0.012 min

Lab File: BP006881.D

Acq: 25 Aug 2021 15:30

Instrument :

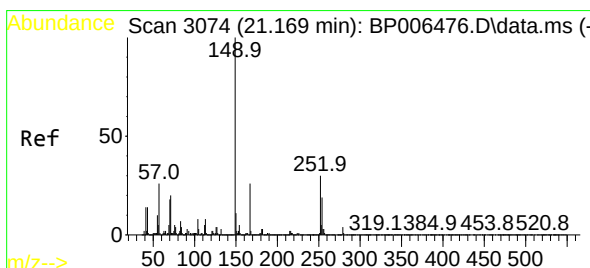
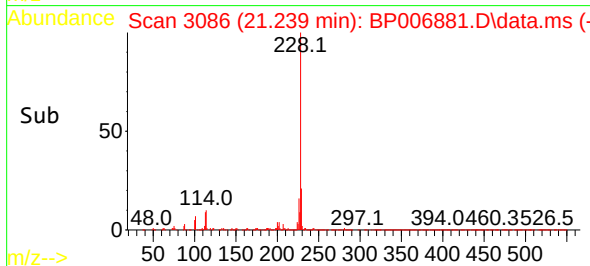
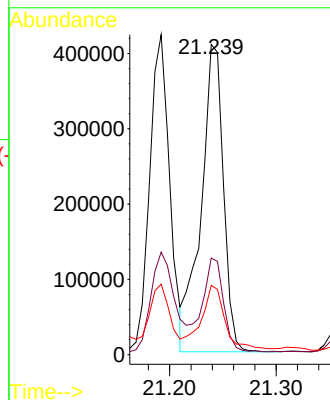
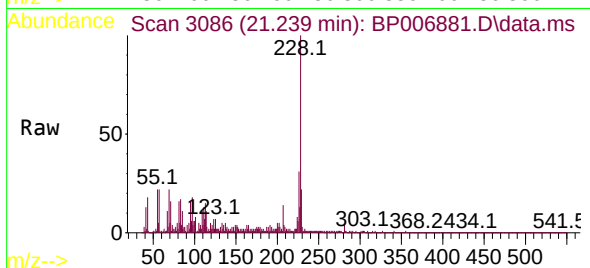
BNA_P

ClientSampleId :

SWCS-16-0204

Tgt Ion:228 Resp: 597525

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.8	35.6
229	22.3	15.4	23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.775 ng

RT: 21.127 min Scan# 3067

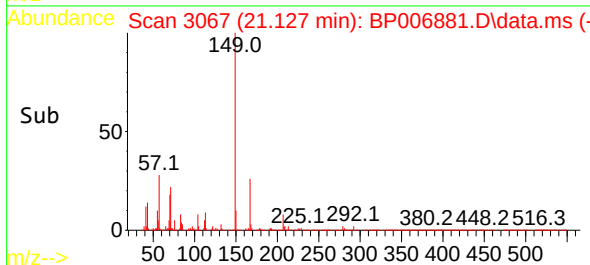
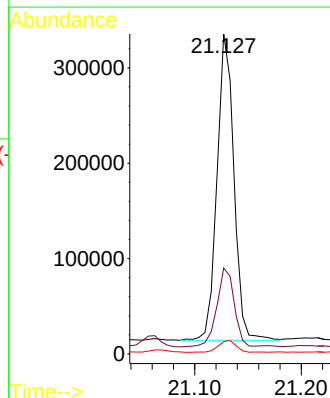
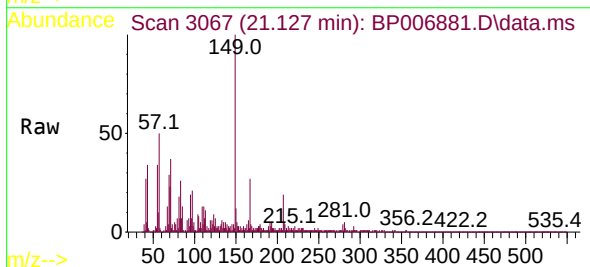
Delta R.T. 0.012 min

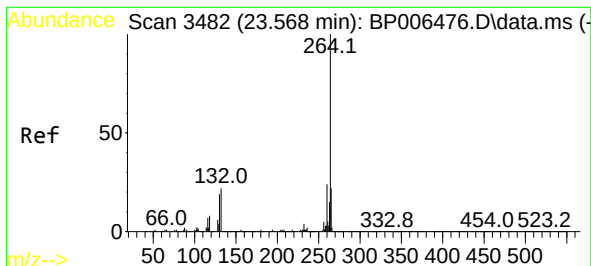
Lab File: BP006881.D

Acq: 25 Aug 2021 15:30

Tgt Ion:149 Resp: 353218

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.9	32.9
279	3.9	4.3	6.5

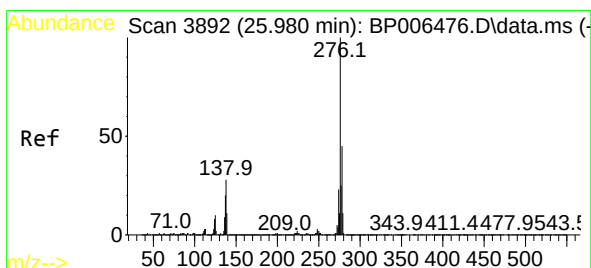
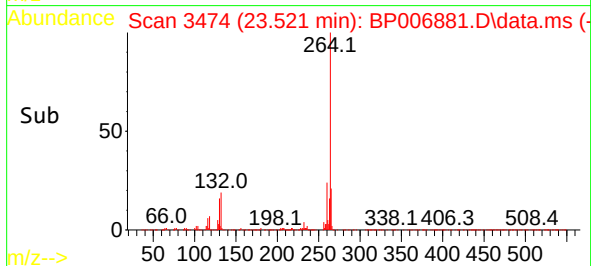
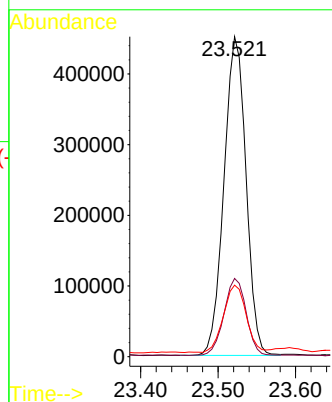
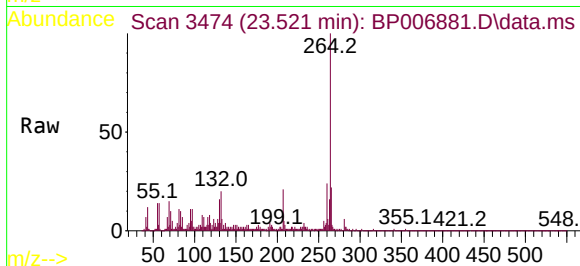




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.521 min Scan# 3474
Delta R.T. 0.023 min
Lab File: BP006881.D
Acq: 25 Aug 2021 15:30

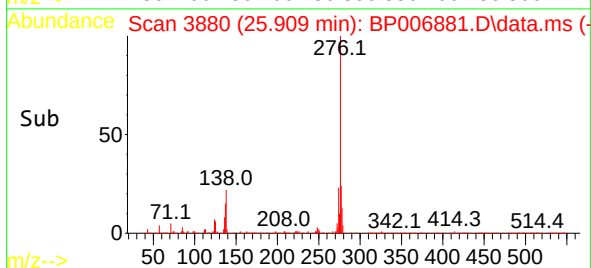
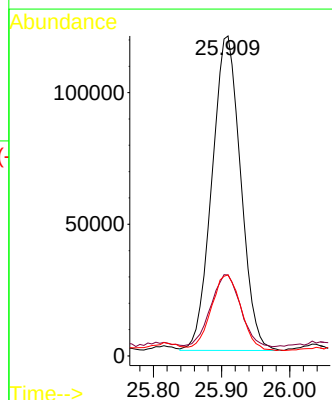
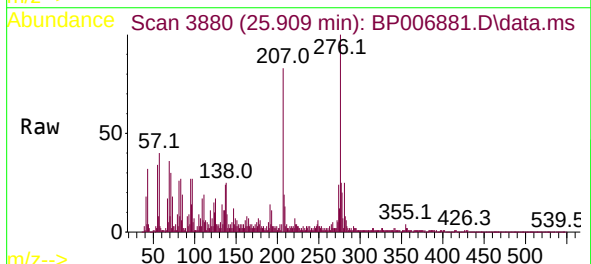
Instrument :
BNA_P
ClientSampleId :
SWCS-16-0204

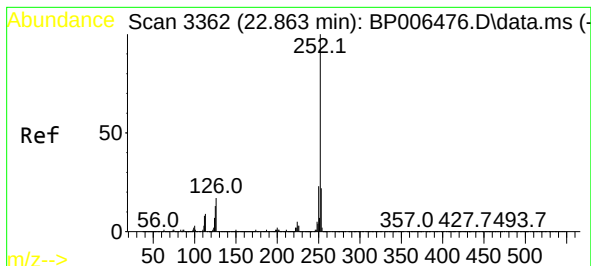
Tgt Ion:264 Resp: 892772
Ion Ratio Lower Upper
264 100
260 24.5 18.6 28.0
265 22.3 17.6 26.4



#87
Indeno(1,2,3-cd)pyrene
Concen: 5.402 ng
RT: 25.909 min Scan# 3880
Delta R.T. 0.035 min
Lab File: BP006881.D
Acq: 25 Aug 2021 15:30

Tgt Ion:276 Resp: 349676
Ion Ratio Lower Upper
276 100
138 23.7 15.3 22.9#
277 25.0 20.4 30.6

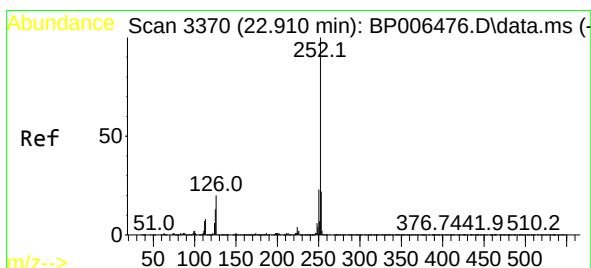
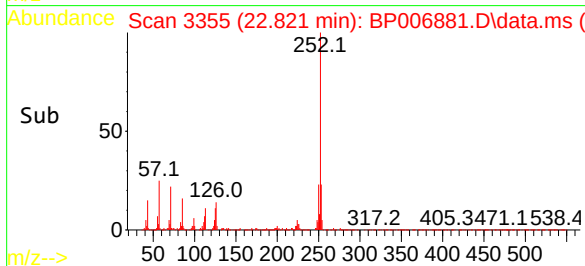
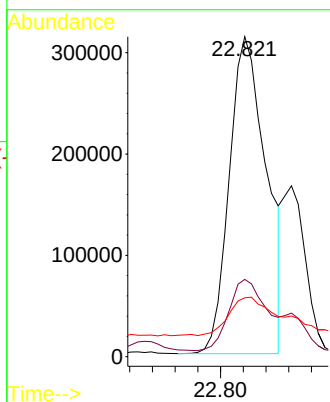
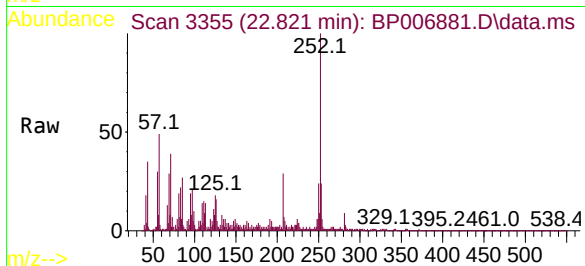




#88
Benzo(b)fluoranthene
Concen: 12.198 ng
RT: 22.821 min Scan# 3355
Delta R.T. 0.023 min
Lab File: BP006881.D
Acq: 25 Aug 2021 15:30

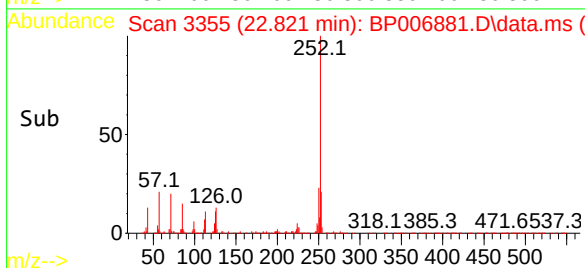
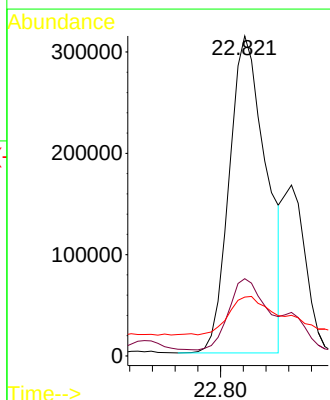
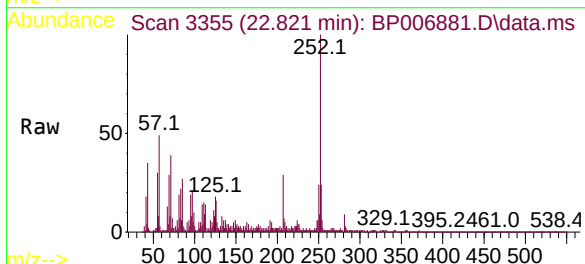
Instrument :
BNA_P
ClientSampleId :
SWCS-16-0204

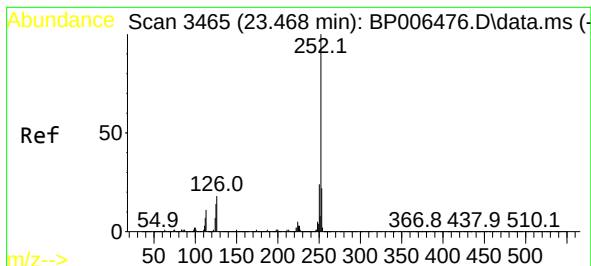
Tgt Ion:252 Resp: 707765
Ion Ratio Lower Upper
252 100
253 24.1 17.5 26.3
125 18.4 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 12.705 ng
RT: 22.821 min Scan# 3355
Delta R.T. -0.024 min
Lab File: BP006881.D
Acq: 25 Aug 2021 15:30

Tgt Ion:252 Resp: 707765
Ion Ratio Lower Upper
252 100
253 24.1 17.6 26.4
125 18.4 6.0 9.0#

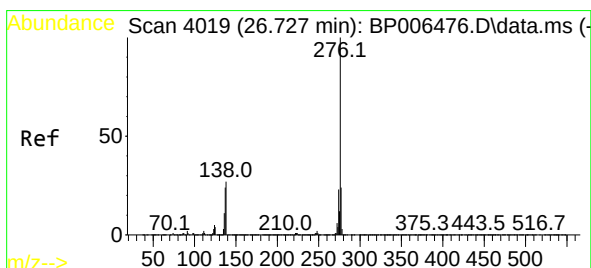
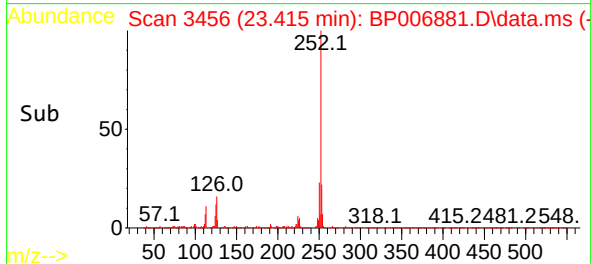
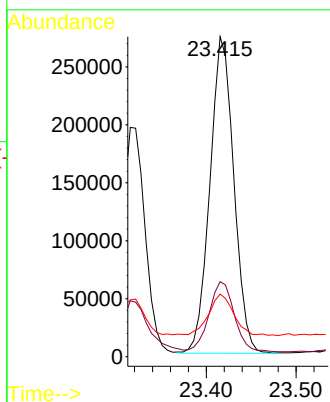
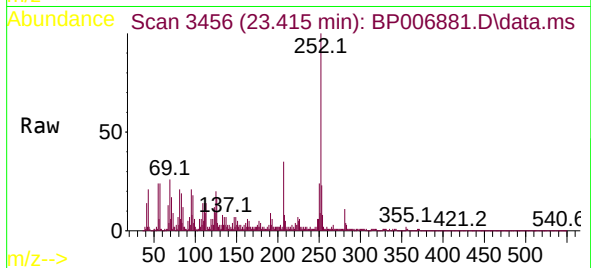




#90
Benzo(a)pyrene
Concen: 9.725 ng
RT: 23.415 min Scan# 3456
Delta R.T. 0.018 min
Lab File: BP006881.D
Acq: 25 Aug 2021 15:30

Instrument :
BNA_P
ClientSampleId :
SWCS-16-0204

Tgt Ion:252 Resp: 506125
Ion Ratio Lower Upper
252 100
253 23.4 17.9 26.9
125 19.6 6.5 9.7#



#92
Benzo(g,h,i)perylene
Concen: 6.819 ng
RT: 26.639 min Scan# 4004
Delta R.T. 0.035 min
Lab File: BP006881.D
Acq: 25 Aug 2021 15:30

Tgt Ion:276 Resp: 365733
Ion Ratio Lower Upper
276 100
277 25.8 18.9 28.3
138 25.6 12.6 18.8#

