

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070921\
 Data File : BP006177.D
 Acq On : 10 Jul 2021 00:22
 Operator : CG/JU
 Sample : M2989-01 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-03-070821

Quant Time: Jul 10 01:16:16 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 07 16:08:13 2021
 Response via : Initial Calibration

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

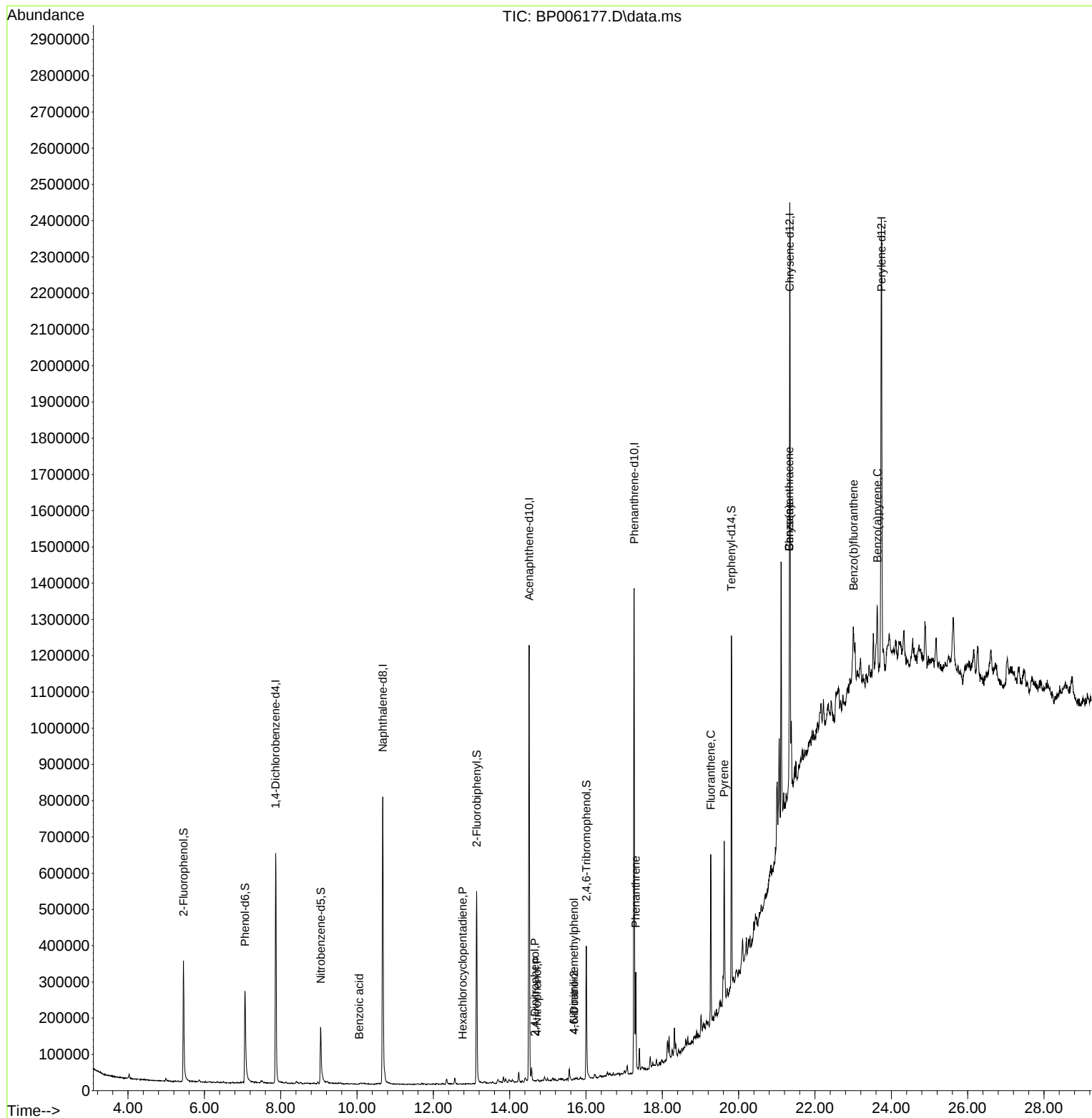
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	196196	20.00	ng	0.00
21) Naphthalene-d8	10.675	136	747052	20.00	ng	0.00
39) Acenaphthene-d10	14.510	164	423469	20.00	ng	0.00
64) Phenanthrene-d10	17.263	188	802645	20.00	ng	# 0.00
76) Chrysene-d12	21.339	240	722360	20.00	ng	# 0.00
86) Perylene-d12	23.739	264	883036	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	198673	17.42	ng	0.00
7) Phenol-d6	7.063	99	227973	15.12	ng	0.00
23) Nitrobenzene-d5	9.052	82	128050	10.83	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	77342	15.34	ng	0.00
45) 2-Fluorobiphenyl	13.134	172	305696	10.67	ng	0.00
79) Terphenyl-d14	19.810	244	403567	11.02	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.057	122	34	6.91	ng	# 1
41) Hexachlorocyclopentadiene	12.769	237	7	8.70	ng	92
54) 2,4-Dinitrophenol	14.657	184	33	8.89	ng	# 1
56) 4-Nitrophenol	14.716	139	218	7.16	ng	93
62) 4-Nitroaniline	15.686	138	117	2.97	ng	93
65) 4,6-Dinitro-2-methylph...	15.686	198	16	4.42	ng	# 1
71) Phenanthrene	17.304	178	161295	3.56	ng	98
75) Fluoranthene	19.269	202	261842	5.27	ng	94
78) Pyrene	19.622	202	254734	5.22	ng	100
81) Benzo(a)anthracene	21.327	228	107389	2.35	ng	97
83) Chrysene	21.327	228	107389	2.38	ng	96
88) Benzo(b)fluoranthene	23.010	252	150781	2.81	ng	# 83
90) Benzo(a)pyrene	23.633	252	117923	2.35	ng	# 83

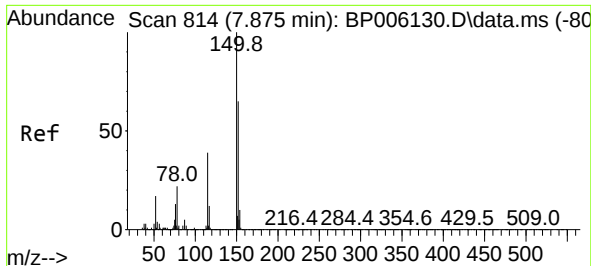
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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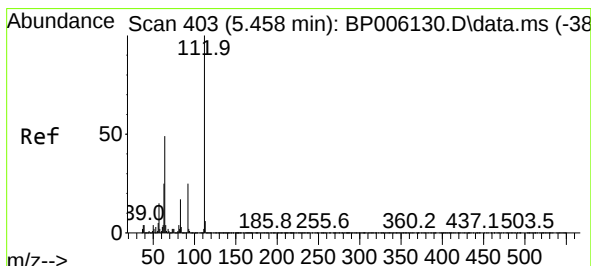
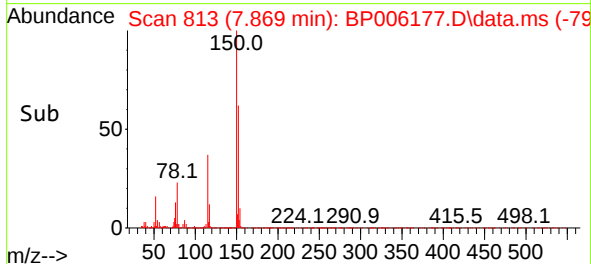
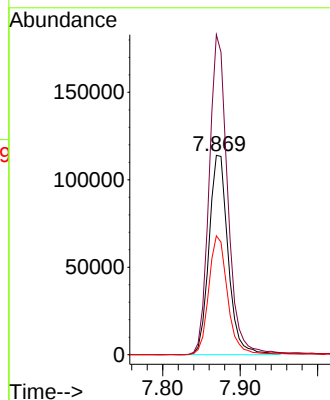
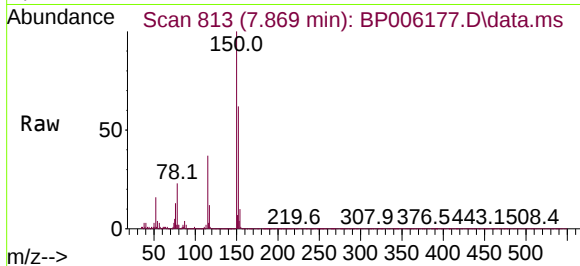




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP006177.D
Acq: 10 Jul 2021 00:22

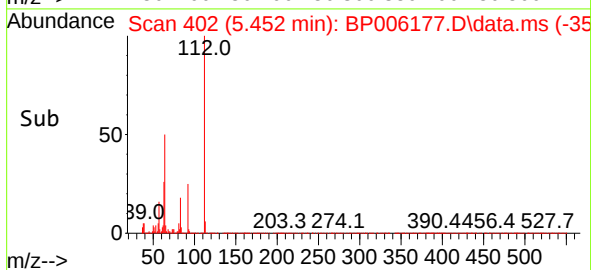
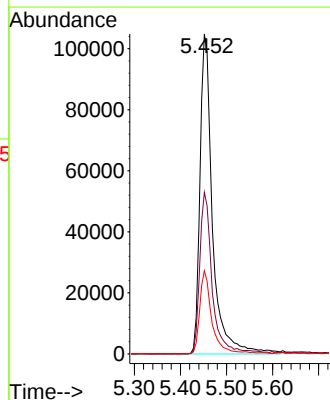
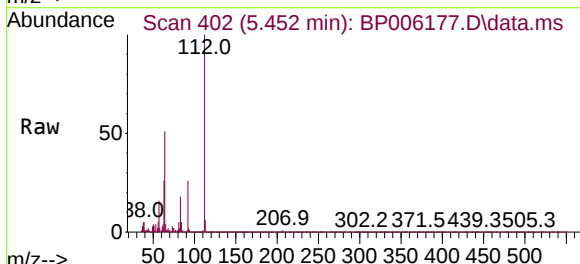
Instrument :
BNA_P
ClientSampleId :
OR-03-070821

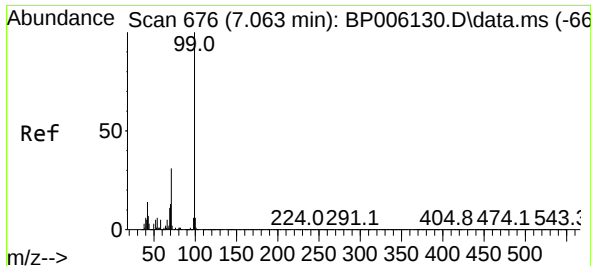
Tgt Ion:152 Resp: 196196
Ion Ratio Lower Upper
152 100
150 160.5 125.6 188.4
115 59.7 48.5 72.7



#5
2-Fluorophenol
Concen: 17.42 ng
RT: 5.452 min Scan# 402
Delta R.T. -0.006 min
Lab File: BP006177.D
Acq: 10 Jul 2021 00:22

Tgt Ion:112 Resp: 198673
Ion Ratio Lower Upper
112 100
64 50.5 41.4 62.2
63 26.0 23.8 35.8

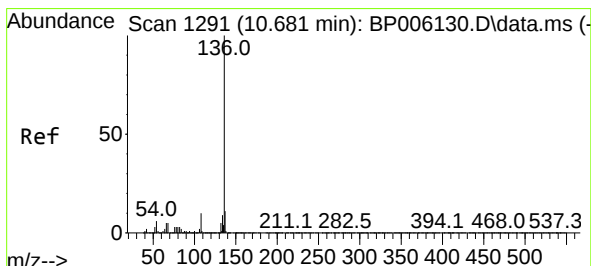
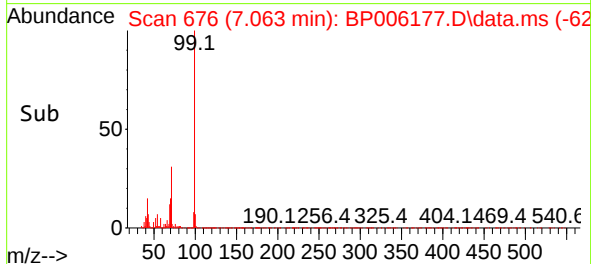
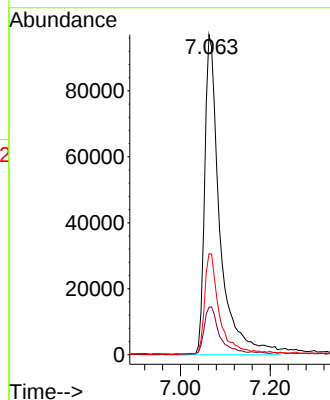
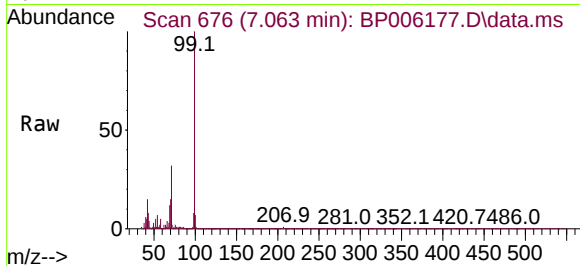




#7
Phenol-d6
Concen: 15.12 ng
RT: 7.063 min Scan# 676
Delta R.T. 0.000 min
Lab File: BP006177.D
Acq: 10 Jul 2021 00:22

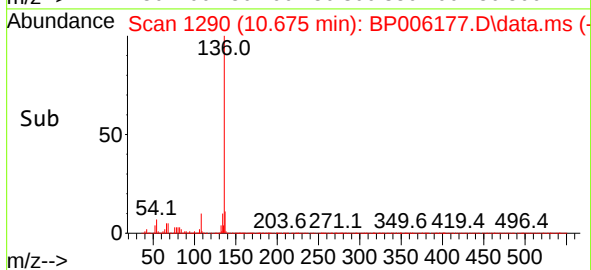
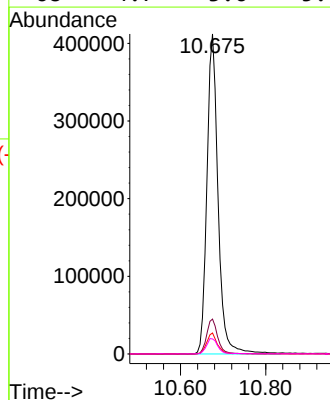
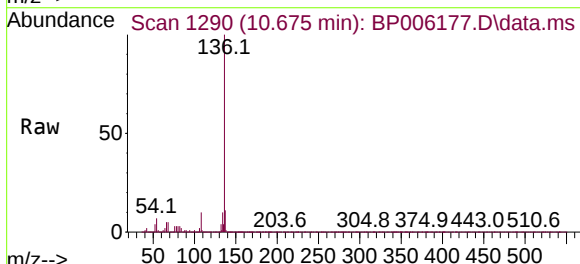
Instrument :
BNA_P
ClientSampleId :
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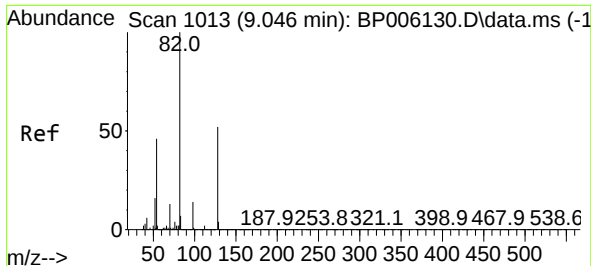
Tgt Ion:	99	Resp:	227973
Ion	Ratio	Lower	Upper
99	100		
42	14.8	13.4	20.0
71	31.5	30.6	46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.675 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BP006177.D
Acq: 10 Jul 2021 00:22

Tgt Ion:	136	Resp:	747052
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	6.5	4.6	6.8
68	4.7	3.6	5.4

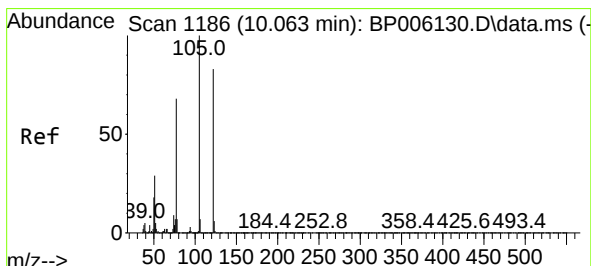
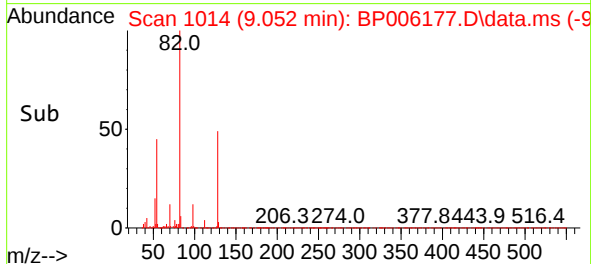
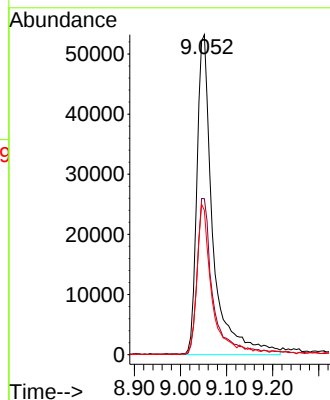
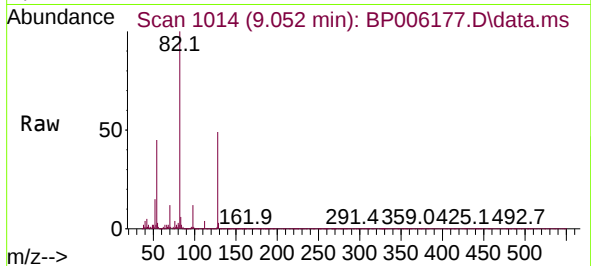




#23
Nitrobenzene-d5
Concen: 10.83 ng
RT: 9.052 min Scan# 1014
Delta R.T. 0.006 min
Lab File: BP006177.D
Acq: 10 Jul 2021 00:22

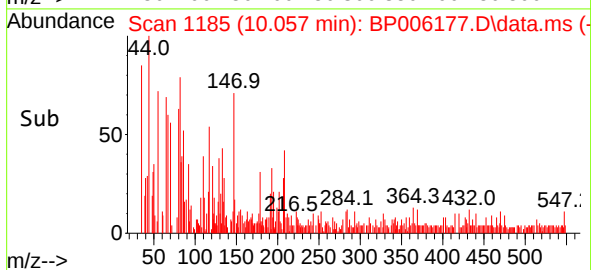
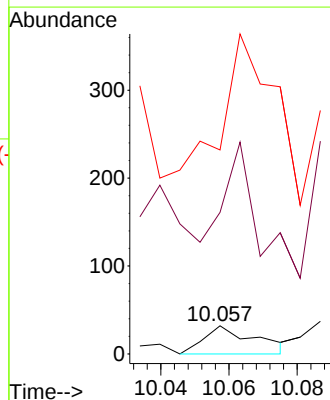
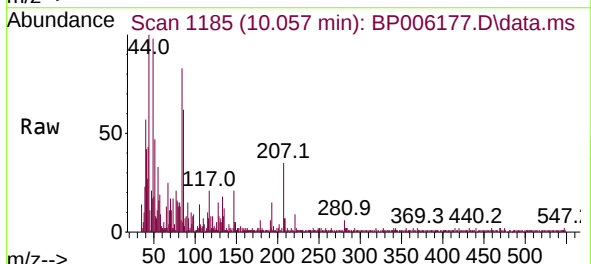
Instrument :
BNA_P
ClientSampleId :
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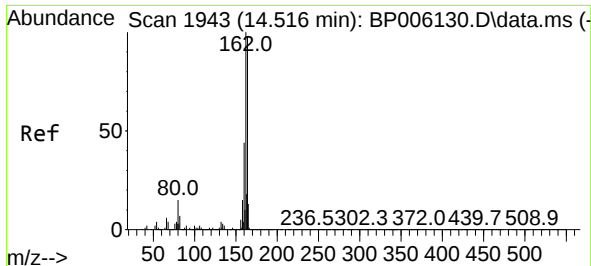
Tgt Ion: 82 Resp: 128050
Ion Ratio Lower Upper
82 100
128 48.8 35.7 53.5
54 45.1 35.0 52.4



#32
Benzoic acid
Concen: 6.91 ng
RT: 10.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BP006177.D
Acq: 10 Jul 2021 00:22

Tgt Ion:122 Resp: 34
Ion Ratio Lower Upper
122 100
105 503.1 103.2 143.2#
77 725.0 76.2 116.2#

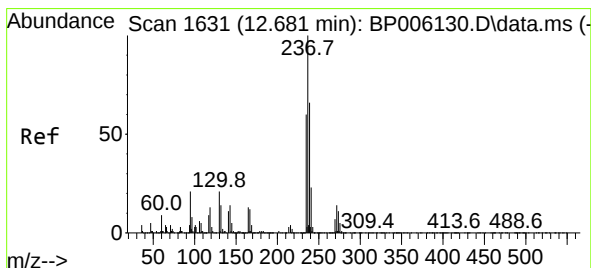
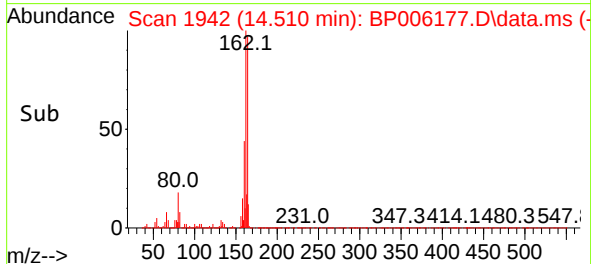
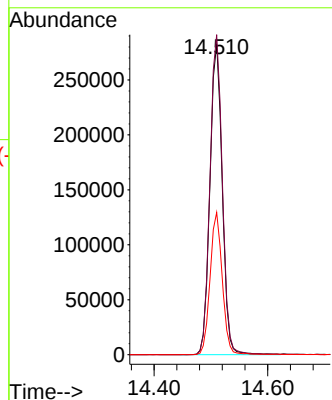
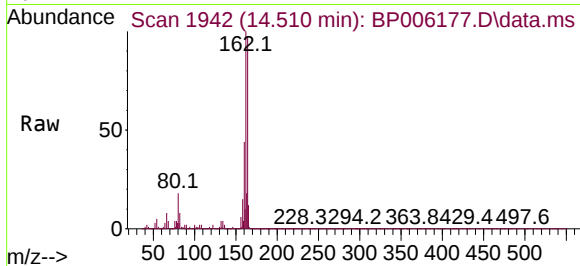




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP006177.D
Acq: 10 Jul 2021 00:22

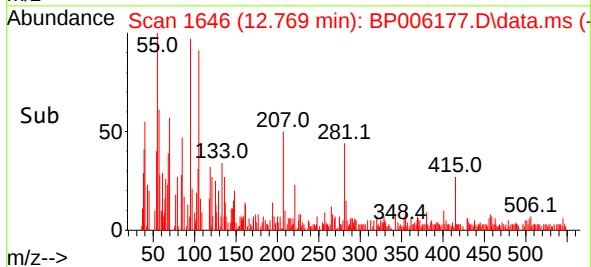
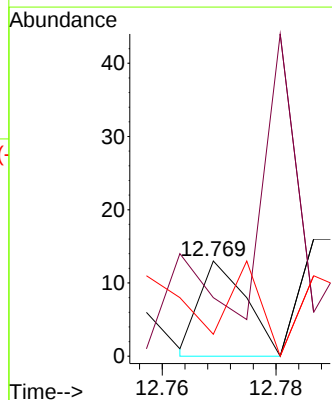
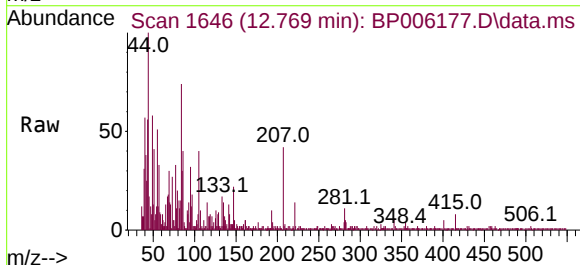
Instrument :
BNA_P
ClientSampleId :
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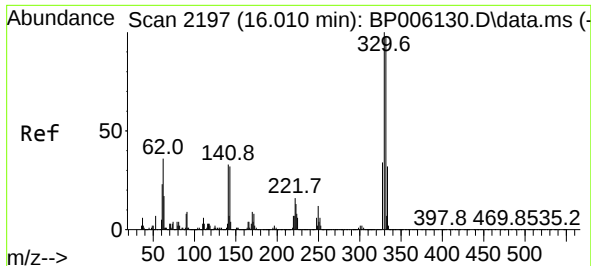
Tgt Ion:164	Resp:	423469
Ion Ratio	Lower	Upper
164	100	
162	102.9	80.2 120.2
160	45.8	34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.70 ng
RT: 12.769 min Scan# 1646
Delta R.T. 0.088 min
Lab File: BP006177.D
Acq: 10 Jul 2021 00:22

Tgt Ion:237	Resp:	7
Ion Ratio	Lower	Upper
237	100	
235	61.5	44.5 84.5
272	23.1	0.0 32.5

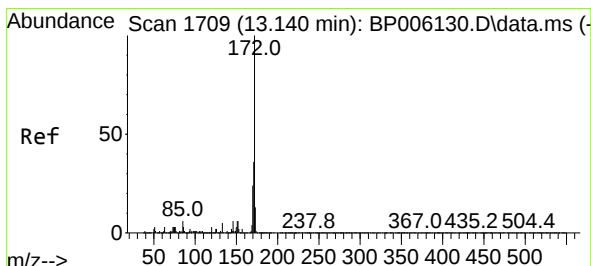
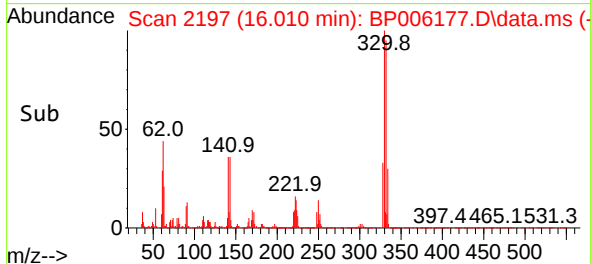
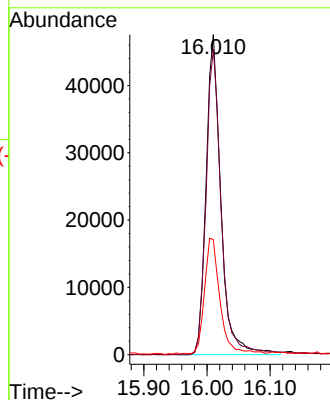
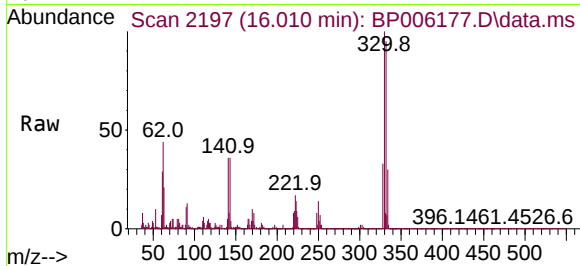




#42
2,4,6-Tribromophenol
Concen: 15.34 ng
RT: 16.010 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BP006177.D
Acq: 10 Jul 2021 00:22

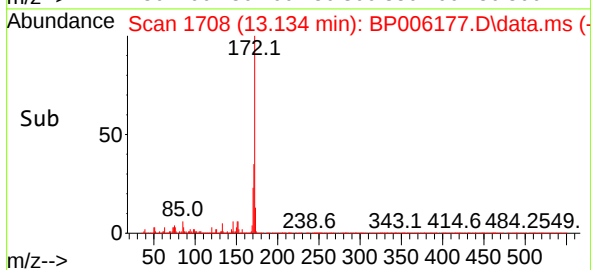
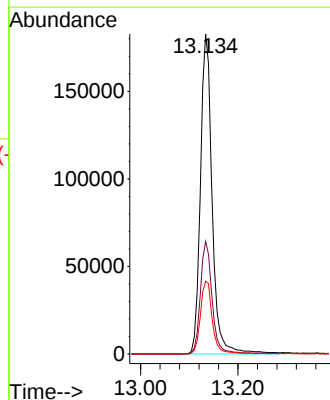
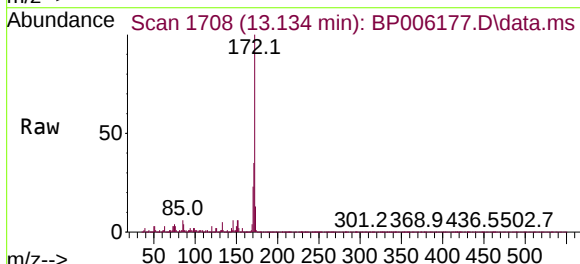
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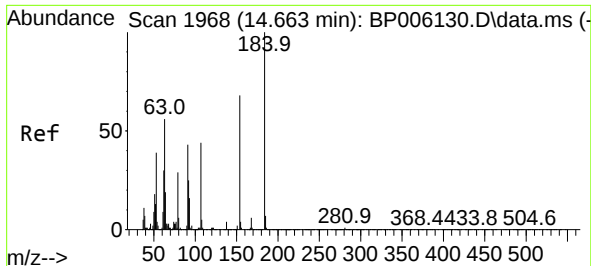
Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.8	116.8
141	37.1	25.4	38.2



#45
2-Fluorobiphenyl
Concen: 10.67 ng
RT: 13.134 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP006177.D
Acq: 10 Jul 2021 00:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.9	41.9
170	22.7	18.6	27.8

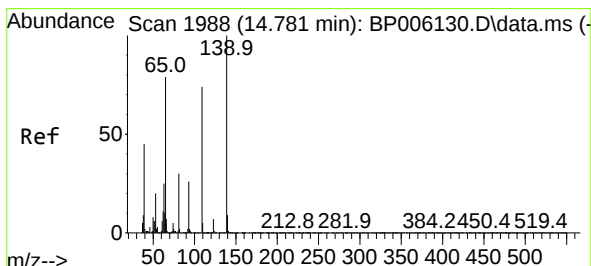
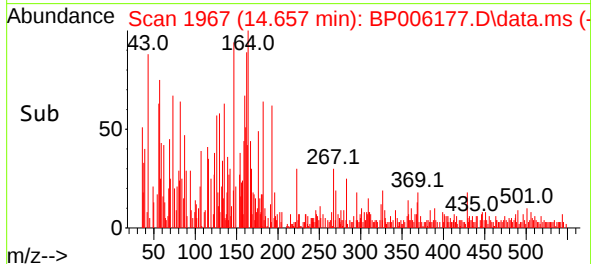
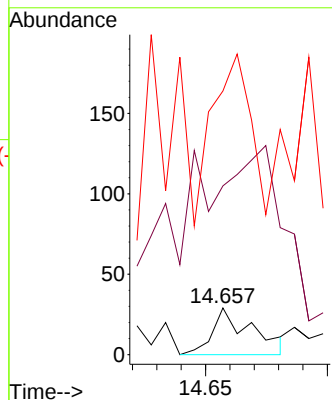
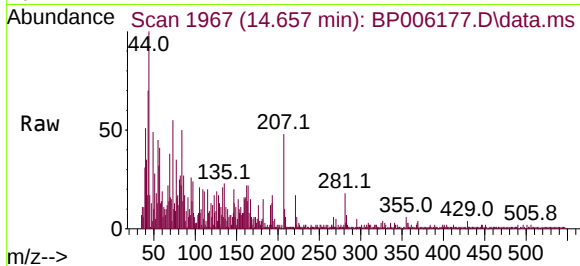




#54
2,4-Dinitrophenol
Concen: 8.89 ng
RT: 14.657 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BP006177.D
Acq: 10 Jul 2021 00:22

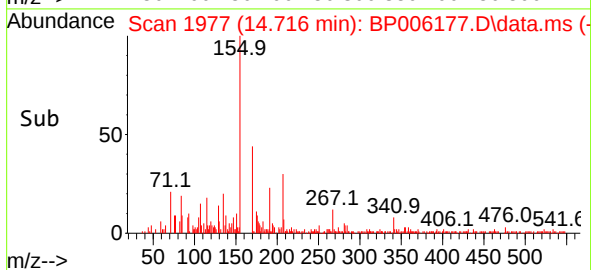
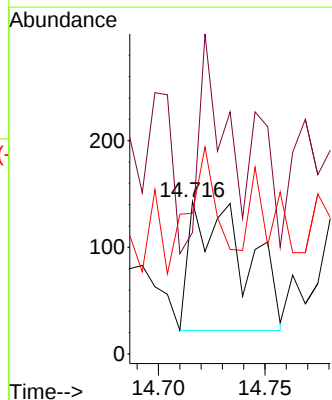
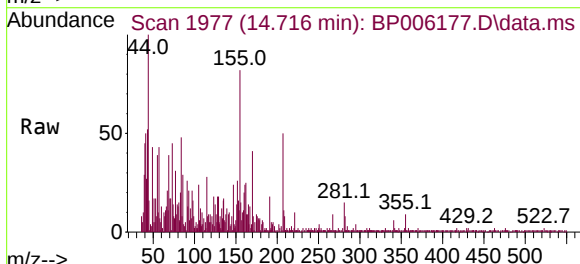
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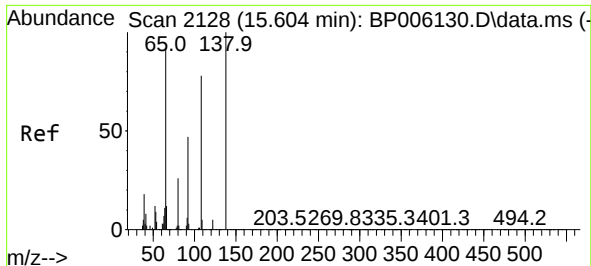
Tgt Ion:184 Resp: 33
Ion Ratio Lower Upper
184 100
63 362.1 47.0 70.6#
154 565.5 52.3 78.5#



#56
4-Nitrophenol
Concen: 7.16 ng
RT: 14.716 min Scan# 1977
Delta R.T. -0.065 min
Lab File: BP006177.D
Acq: 10 Jul 2021 00:22

Tgt Ion:139 Resp: 218
Ion Ratio Lower Upper
139 100
109 79.7 72.3 112.3
65 92.3 72.5 112.5

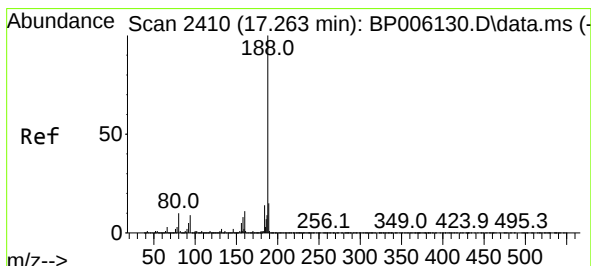
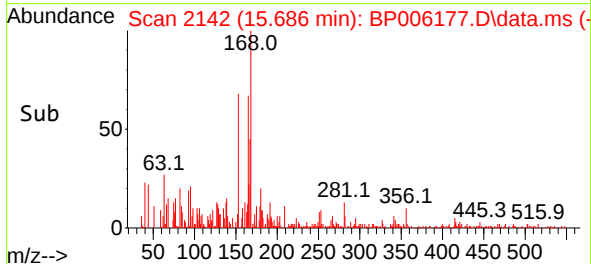
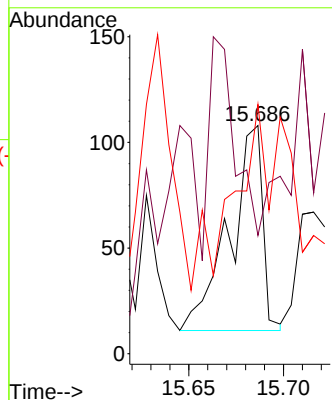
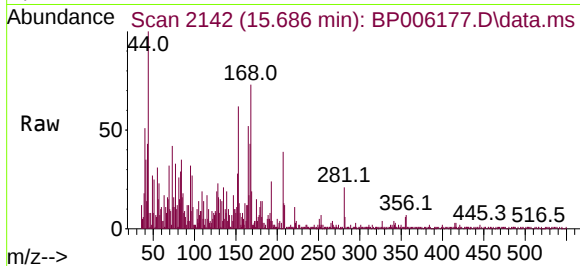




#62
4-Nitroaniline
Concen: 2.97 ng
RT: 15.686 min Scan# 2142
Delta R.T. 0.082 min
Lab File: BP006177.D
Acq: 10 Jul 2021 00:22

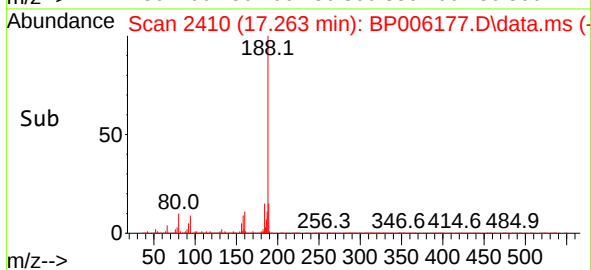
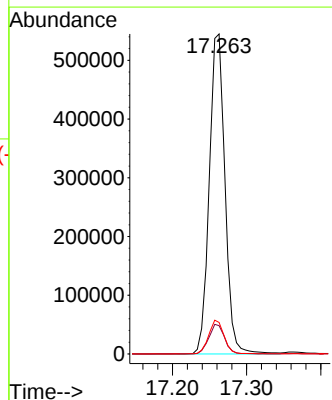
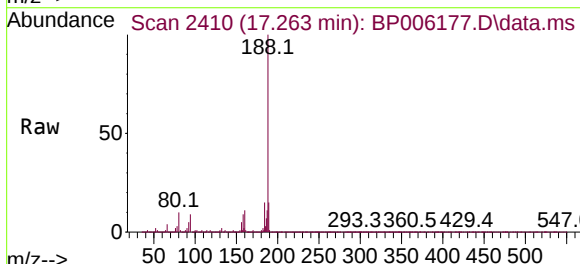
Instrument :
BNA_P
ClientSampleId :
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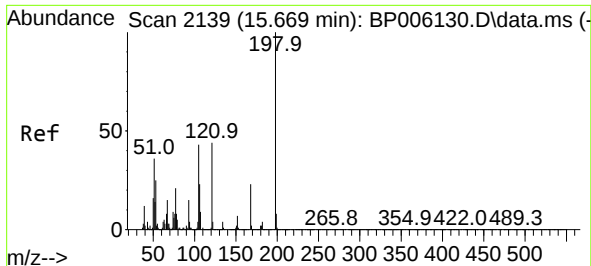
Tgt Ion:138 Resp: 117
Ion Ratio Lower Upper
138 100
92 51.9 31.2 71.2
108 109.3 78.6 118.6



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BP006177.D
Acq: 10 Jul 2021 00:22

Tgt Ion:188 Resp: 802645
Ion Ratio Lower Upper
188 100
94 8.9 5.6 8.4#
80 9.9 6.3 9.5#

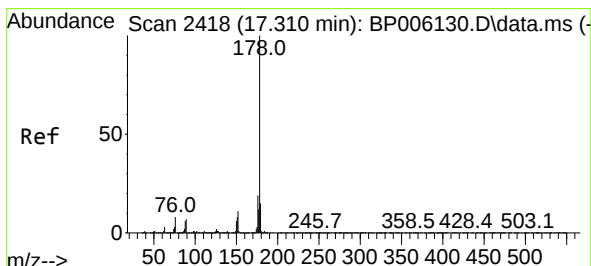
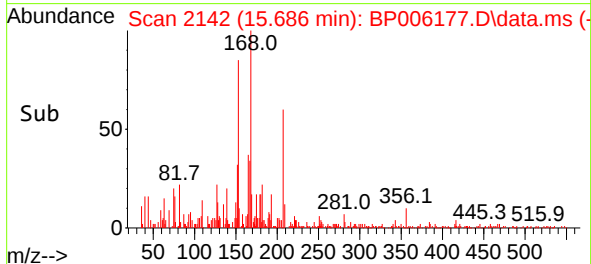
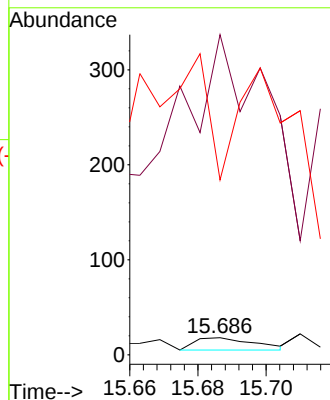
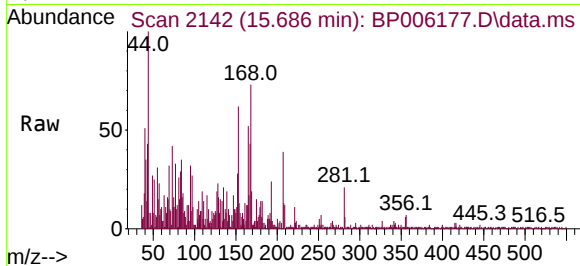




#65
4,6-Dinitro-2-methylphenol
Concen: 4.42 ng
RT: 15.686 min Scan# 2142
Delta R.T. 0.017 min
Lab File: BP006177.D
Acq: 10 Jul 2021 00:22

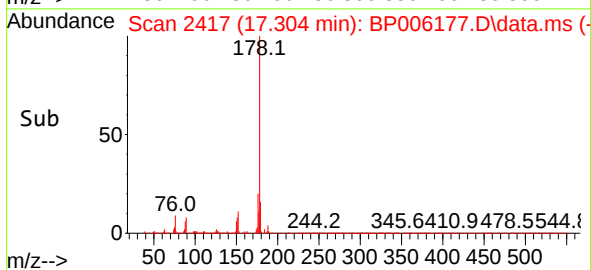
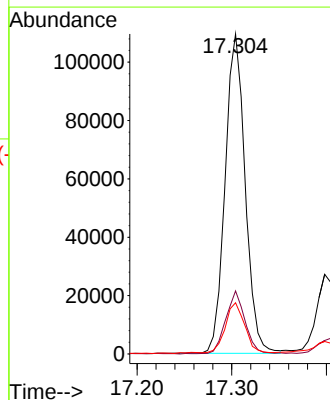
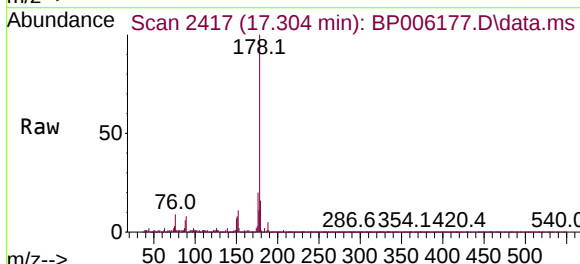
Instrument :
BNA_P
ClientSampleId :
OR-03-070821

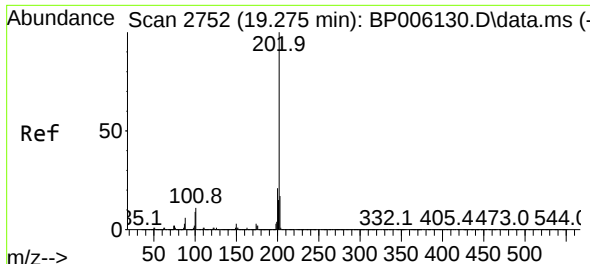
Tgt Ion:198 Resp: 16
Ion Ratio Lower Upper
198 100
51 1872.2 14.0 54.0#
105 1022.2 19.5 59.5#



#71
Phenanthrene
Concen: 3.56 ng
RT: 17.304 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP006177.D
Acq: 10 Jul 2021 00:22

Tgt Ion:178 Resp: 161295
Ion Ratio Lower Upper
178 100
176 19.7 15.1 22.7
179 16.0 12.4 18.6

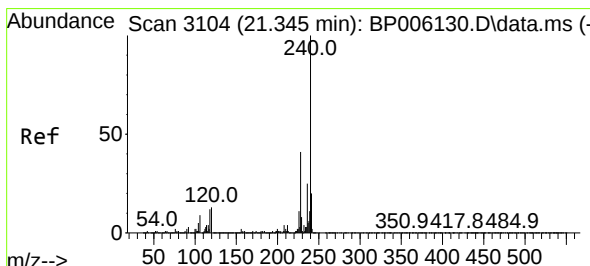
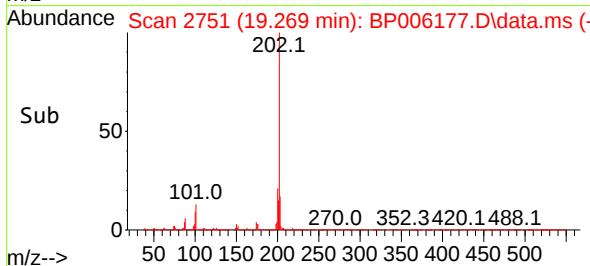
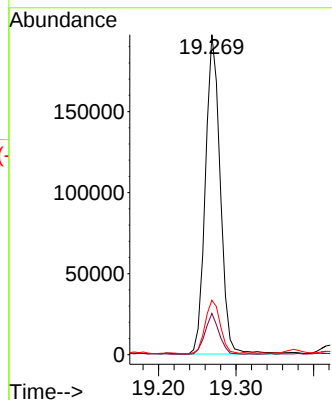
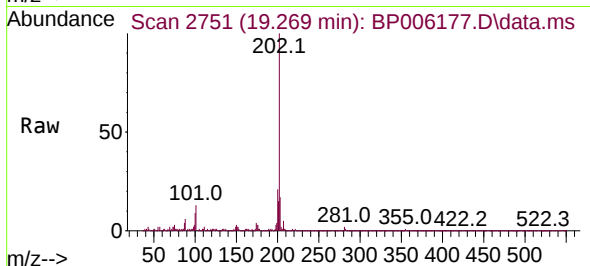




#75
Fluoranthene
Concen: 5.27 ng
RT: 19.269 min Scan# 2751
Delta R.T. -0.006 min
Lab File: BP006177.D
Acq: 10 Jul 2021 00:22

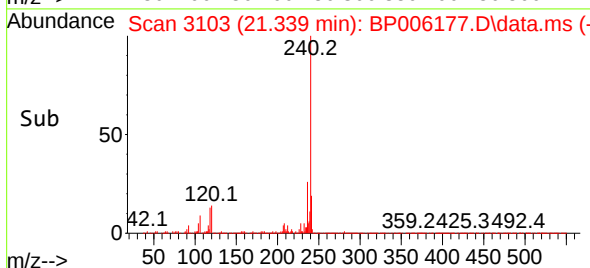
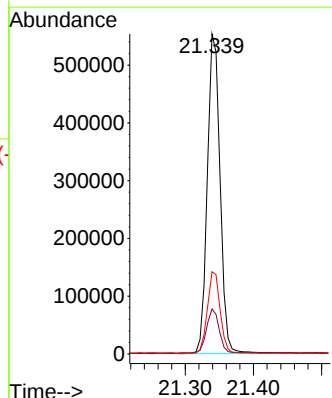
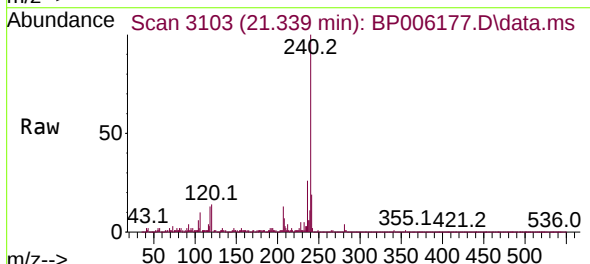
Instrument :
BNA_P
ClientSampleId :
OR-03-070821

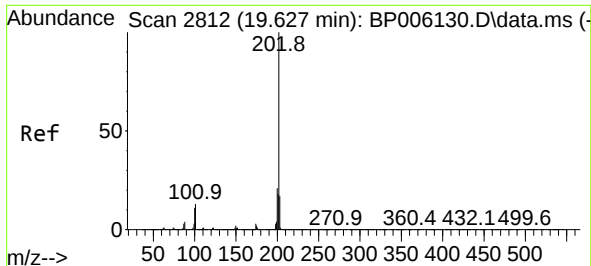
Tgt Ion:202 Resp: 261842
Ion Ratio Lower Upper
202 100
101 12.9 0.0 27.6
203 17.0 0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.339 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BP006177.D
Acq: 10 Jul 2021 00:22

Tgt Ion:240 Resp: 722360
Ion Ratio Lower Upper
240 100
120 14.1 6.5 9.7#
236 25.7 20.6 31.0

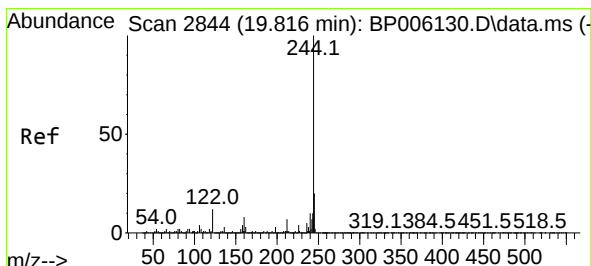
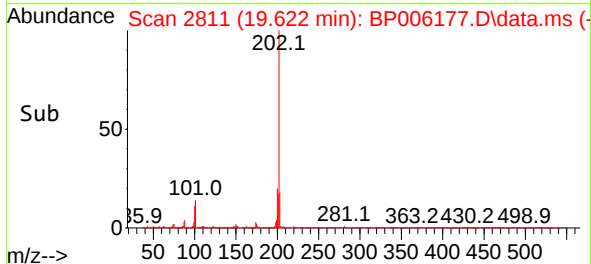
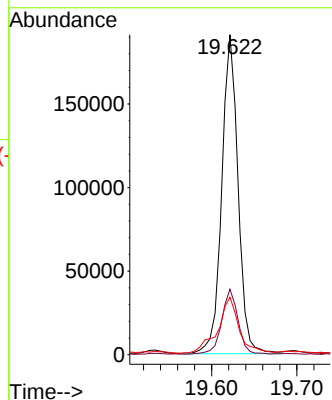
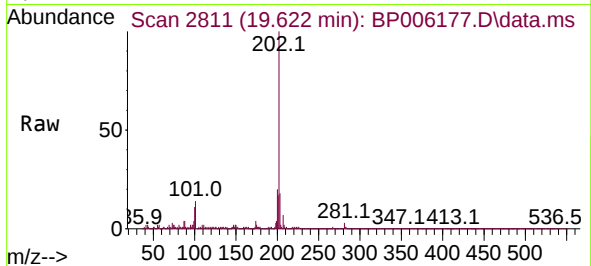




#78
Pyrene
Concen: 5.22 ng
RT: 19.622 min Scan# 2811
Delta R.T. -0.006 min
Lab File: BP006177.D
Acq: 10 Jul 2021 00:22

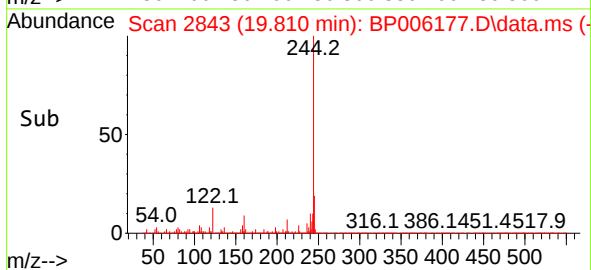
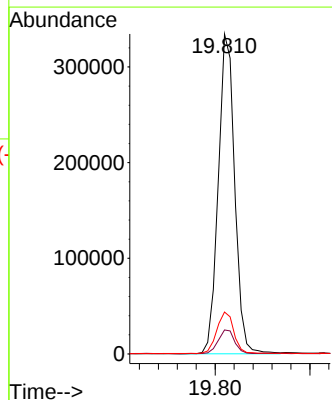
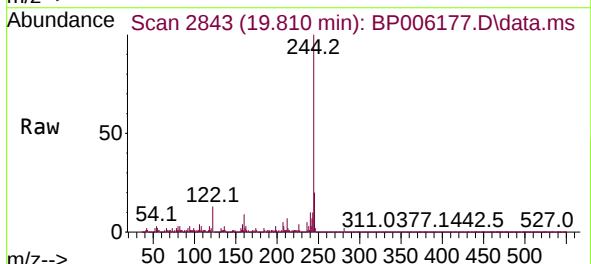
Instrument :
BNA_P
ClientSampleId :
OR-03-070821

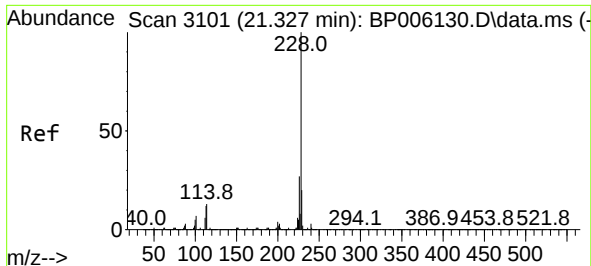
Tgt Ion:202 Resp: 254734
Ion Ratio Lower Upper
202 100
200 20.5 16.3 24.5
203 18.0 14.2 21.2



#79
Terphenyl-d14
Concen: 11.02 ng
RT: 19.810 min Scan# 2843
Delta R.T. -0.006 min
Lab File: BP006177.D
Acq: 10 Jul 2021 00:22

Tgt Ion:244 Resp: 403567
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 13.1 7.1 10.7#

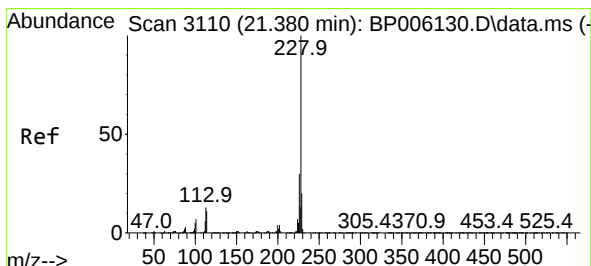
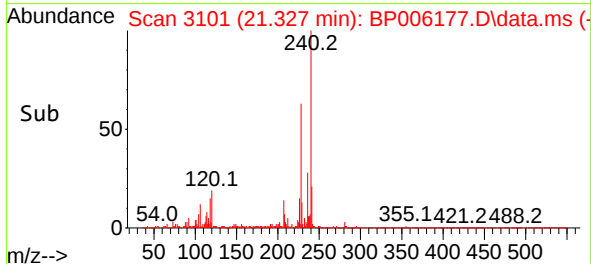
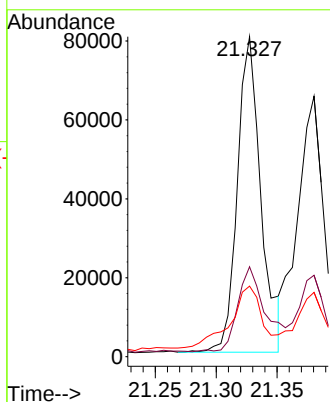
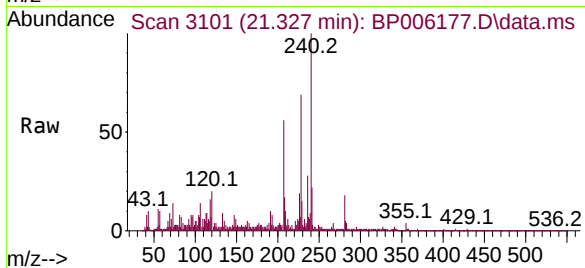




#81
Benzo(a)anthracene
Concen: 2.35 ng
RT: 21.327 min Scan# 3101
Delta R.T. 0.000 min
Lab File: BP006177.D
Acq: 10 Jul 2021 00:22

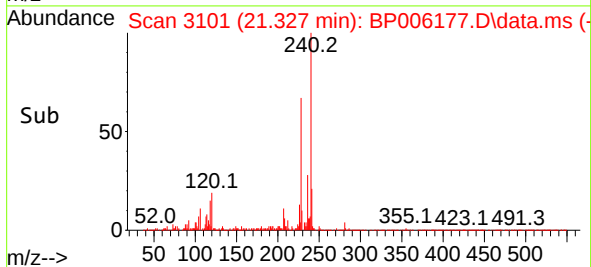
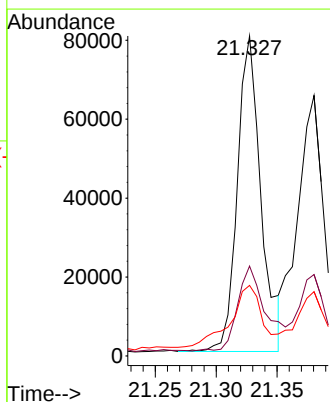
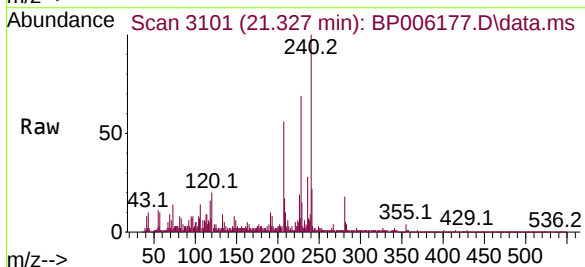
Instrument :
BNA_P
ClientSampleId :
OR-03-070821

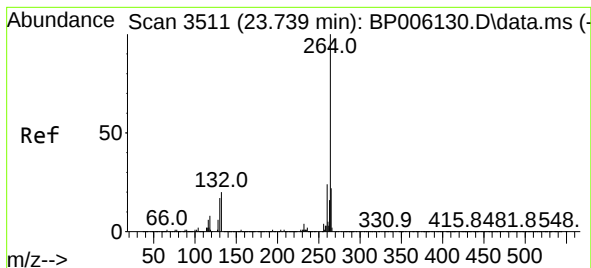
Tgt Ion:228 Resp: 107389
Ion Ratio Lower Upper
228 100
226 28.1 21.6 32.4
229 22.1 15.8 23.6



#83
Chrysene
Concen: 2.38 ng
RT: 21.327 min Scan# 3101
Delta R.T. -0.053 min
Lab File: BP006177.D
Acq: 10 Jul 2021 00:22

Tgt Ion:228 Resp: 107389
Ion Ratio Lower Upper
228 100
226 28.1 23.8 35.6
229 22.1 15.4 23.2

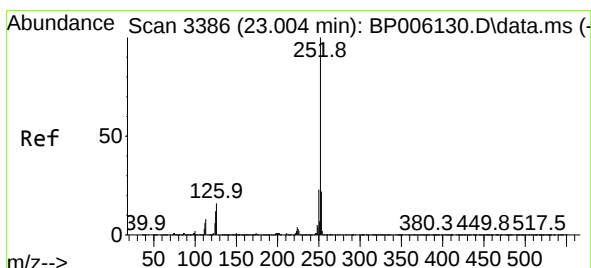
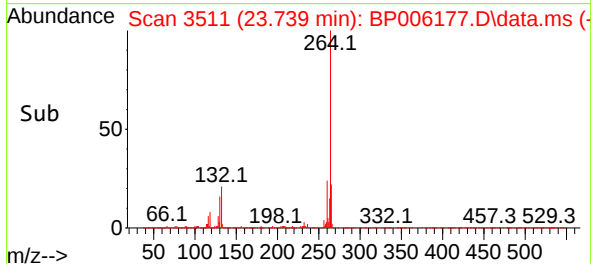
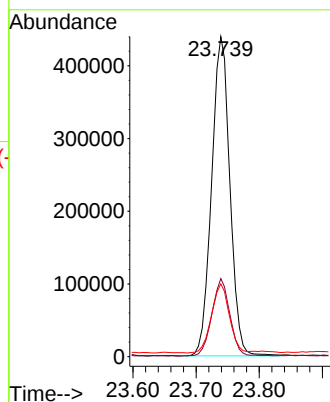
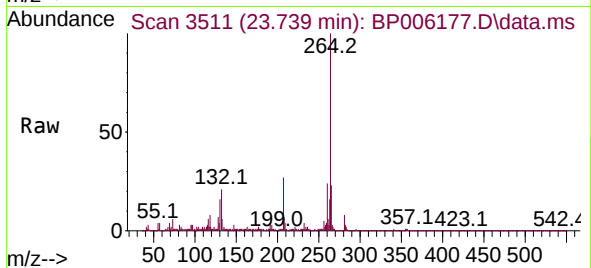




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.739 min Scan# 3511
Delta R.T. 0.000 min
Lab File: BP006177.D
Acq: 10 Jul 2021 00:22

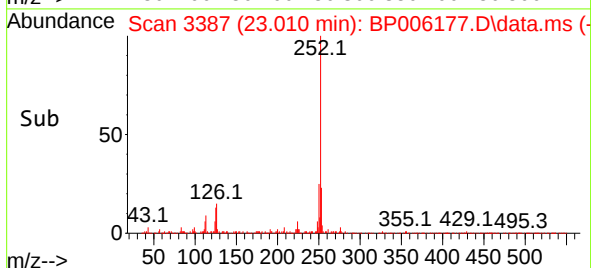
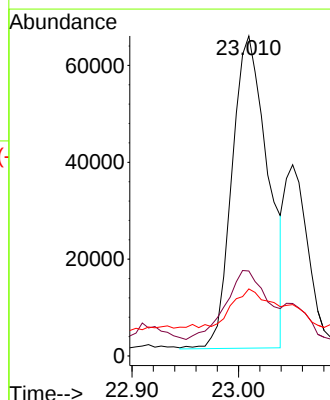
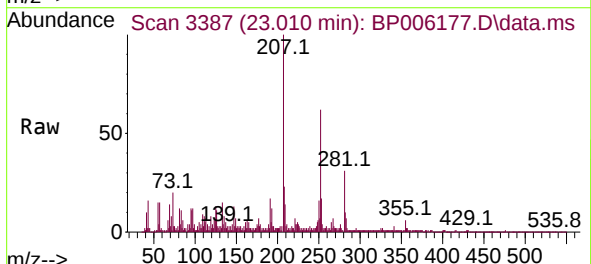
Instrument :
BNA_P
ClientSampleId :
OR-03-070821

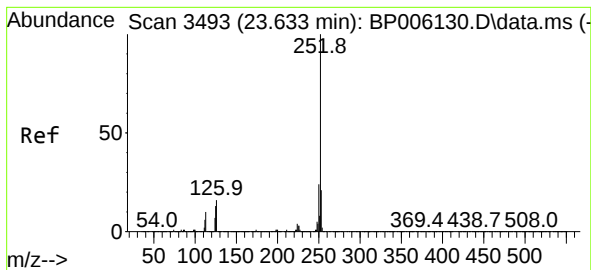
Tgt Ion:264 Resp: 883036
Ion Ratio Lower Upper
264 100
260 24.4 18.6 28.0
265 22.7 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 2.81 ng
RT: 23.010 min Scan# 3387
Delta R.T. 0.006 min
Lab File: BP006177.D
Acq: 10 Jul 2021 00:22

Tgt Ion:252 Resp: 150781
Ion Ratio Lower Upper
252 100
253 26.6 17.5 26.3#
125 20.9 6.2 9.4#





#90

Benzo(a)pyrene

Concen: 2.35 ng

RT: 23.633 min Scan# 3493

Delta R.T. 0.000 min

Lab File: BP006177.D

Acq: 10 Jul 2021 00:22

Instrument :

BNA_P

ClientSampleId :

OR-03-070821

Tgt Ion:252 Resp: 117923

Ion Ratio Lower Upper

252 100

253 26.6 17.9 26.9

125 22.0 6.5 9.7#

