

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081721\
 Data File : BP006703.D
 Acq On : 17 Aug 2021 02:36
 Operator : CG/JU
 Sample : M3425-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20S

Quant Time: Aug 17 04:26:04 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)

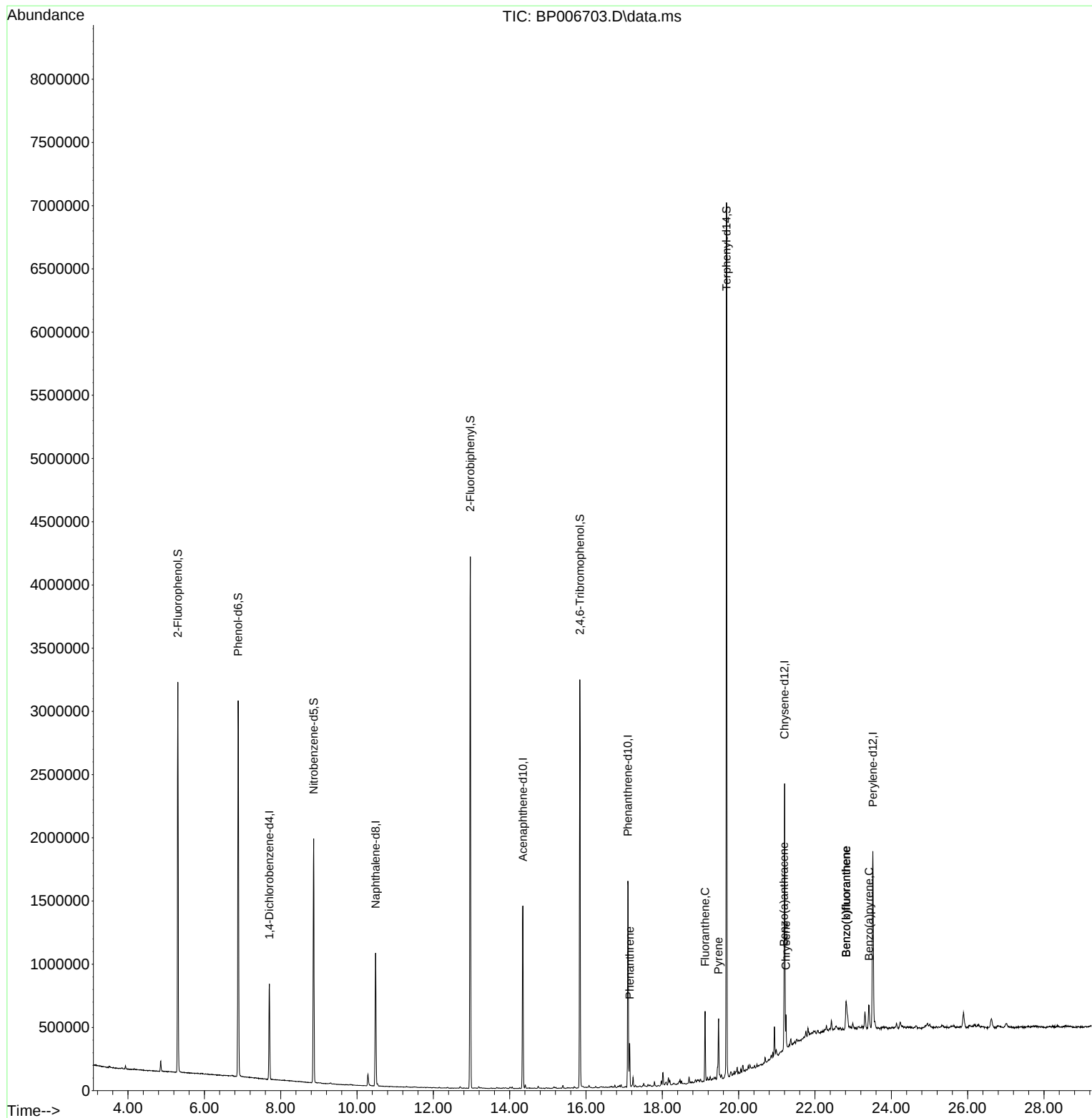
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	186673	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	805216	20.000	ng	# 0.00
39) Acenaphthene-d10	14.345	164	444250	20.000	ng	0.00
64) Phenanthrene-d10	17.098	188	868000	20.000	ng	# 0.00
76) Chrysene-d12	21.204	240	827384	20.000	ng	# 0.00
86) Perylene-d12	23.516	264	876124	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	1247589	102.651	ng	0.00
7) Phenol-d6	6.887	99	1613139	93.437	ng	0.00
23) Nitrobenzene-d5	8.863	82	1110951	63.683	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	452925	97.552	ng	0.00
45) 2-Fluorobiphenyl	12.969	172	1899304	63.964	ng	0.00
79) Terphenyl-d14	19.680	244	2649860	64.175	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.145	178	189618	3.873	ng	98
75) Fluoranthene	19.122	202	279065	5.078	ng	94
78) Pyrene	19.475	202	257260	4.655	ng	99
81) Benzo(a)anthracene	21.186	228	134753	2.492	ng	98
83) Chrysene	21.239	228	128065	2.443	ng	97
88) Benzo(b)fluoranthene	22.816	252	171854	3.018	ng	# 92
89) Benzo(k)fluoranthene	22.816	252	171854	3.143	ng	# 92
90) Benzo(a)pyrene	23.416	252	125500	2.457	ng	# 94

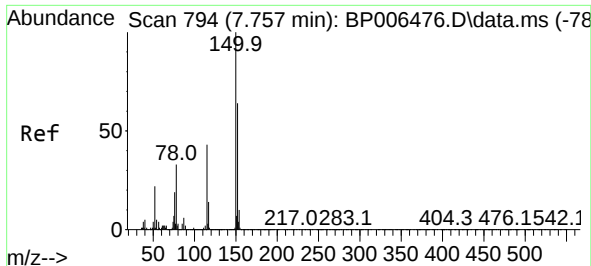
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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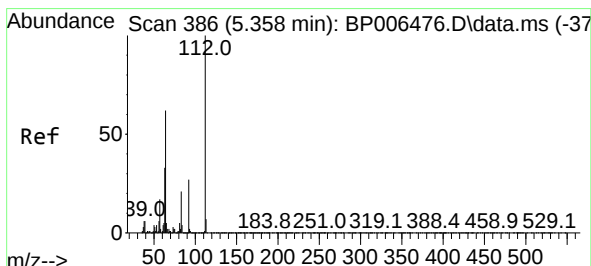
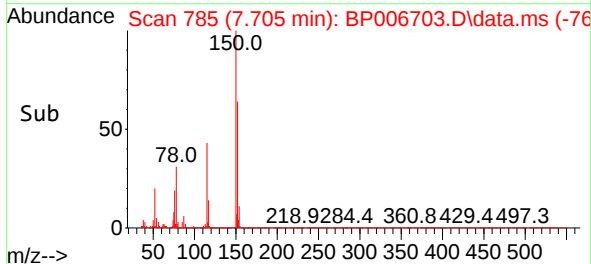
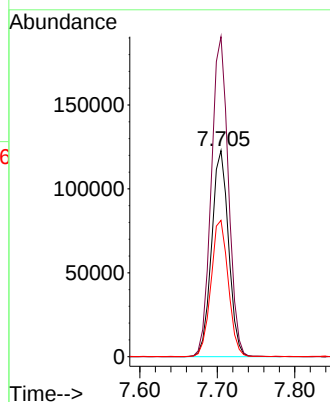
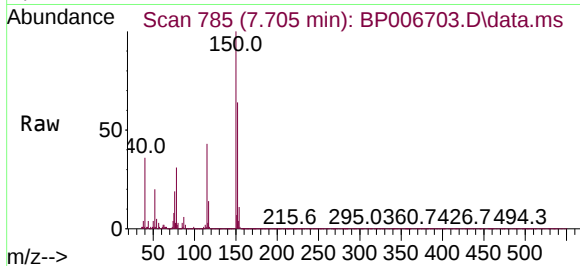




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 785
Delta R.T. -0.000 min
Lab File: BP006703.D
Acq: 17 Aug 2021 02:36

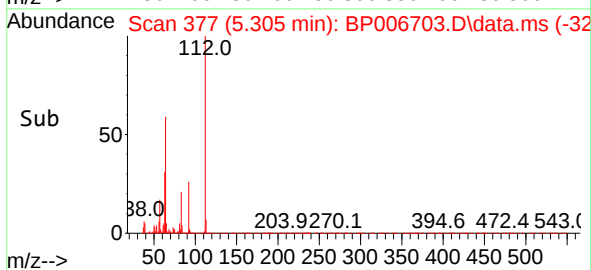
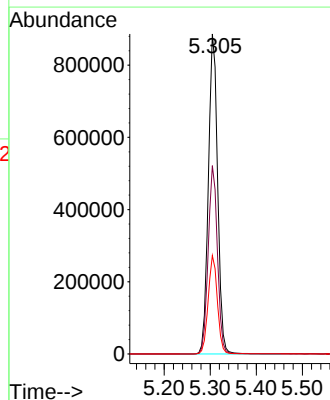
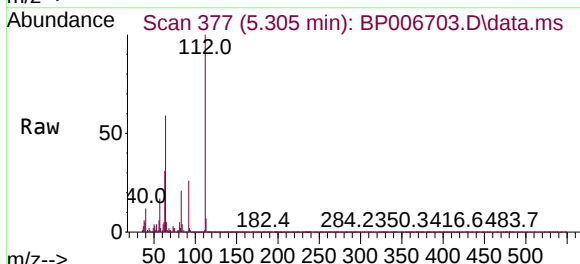
Instrument :
BNA_P
ClientSampleId :
20S

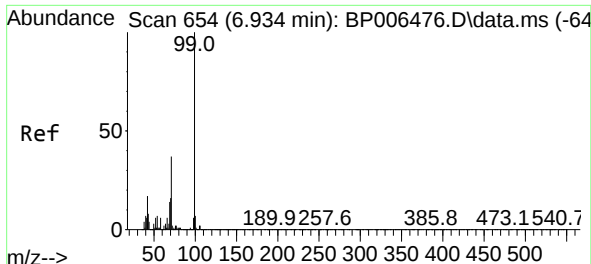
Tgt Ion:152 Resp: 186673
Ion Ratio Lower Upper
152 100
150 155.3 125.6 188.4
115 66.2 48.5 72.7



#5
2-Fluorophenol
Concen: 102.651 ng
RT: 5.305 min Scan# 377
Delta R.T. 0.000 min
Lab File: BP006703.D
Acq: 17 Aug 2021 02:36

Tgt Ion:112 Resp: 1247589
Ion Ratio Lower Upper
112 100
64 58.9 41.4 62.2
63 30.8 23.8 35.8

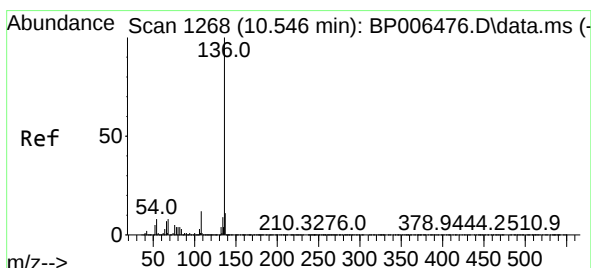
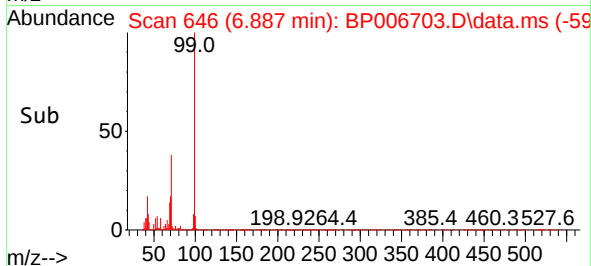
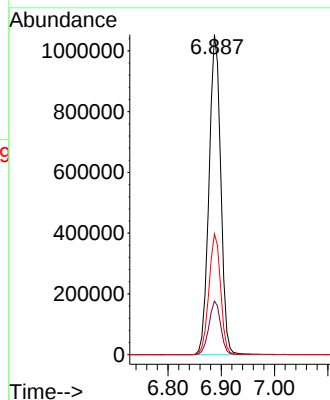
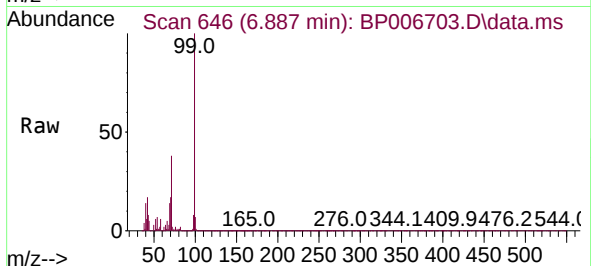




#7
Phenol-d6
Concen: 93.437 ng
RT: 6.887 min Scan# 646
Delta R.T. 0.000 min
Lab File: BP006703.D
Acq: 17 Aug 2021 02:36

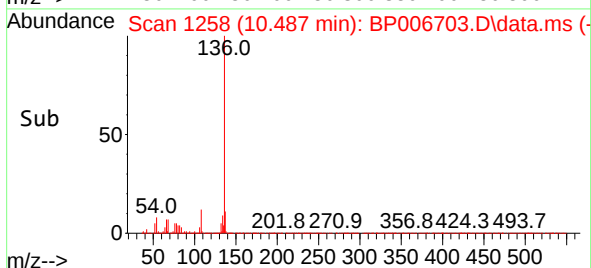
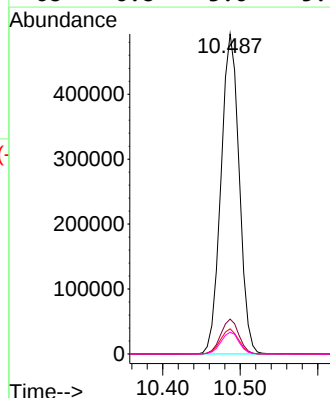
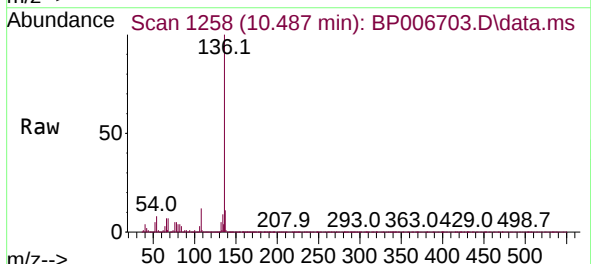
Instrument :
BNA_P
ClientSampleId :
20S

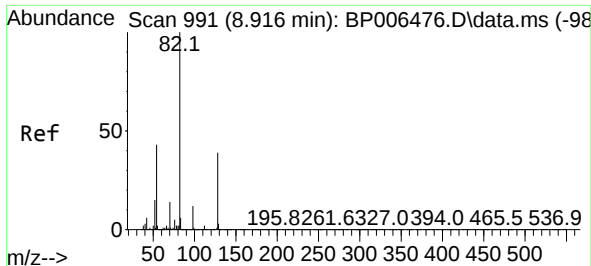
Tgt Ion: 99 Resp: 1613139
Ion Ratio Lower Upper
99 100
42 16.7 13.4 20.0
71 37.7 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BP006703.D
Acq: 17 Aug 2021 02:36

Tgt Ion:136 Resp: 805216
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 7.9 4.6 6.8#
68 6.8 3.6 5.4#

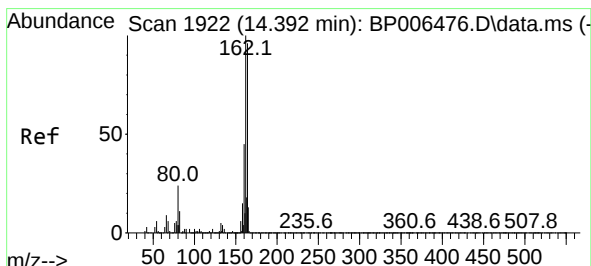
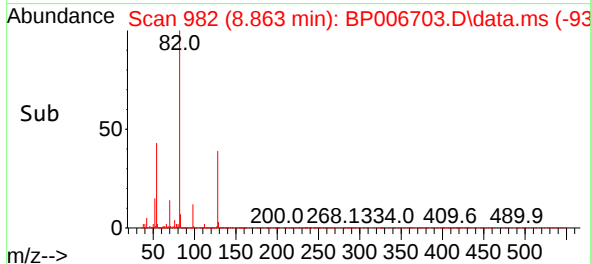
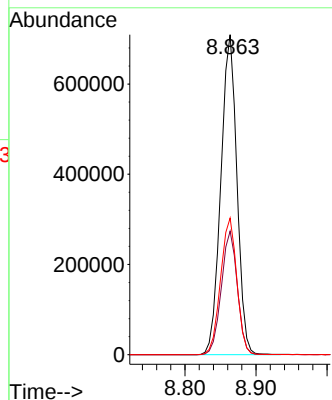
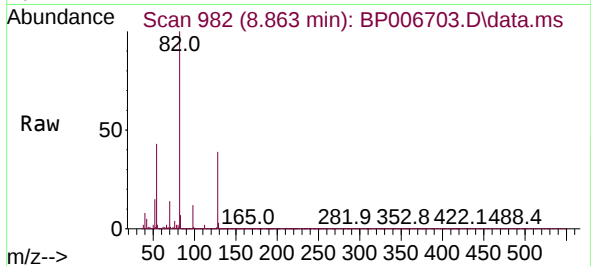




#23
Nitrobenzene-d5
Concen: 63.683 ng
RT: 8.863 min Scan# 982
Delta R.T. 0.000 min
Lab File: BP006703.D
Acq: 17 Aug 2021 02:36

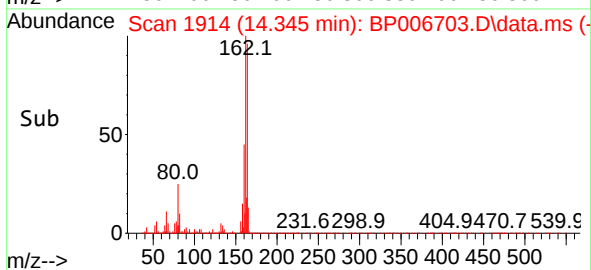
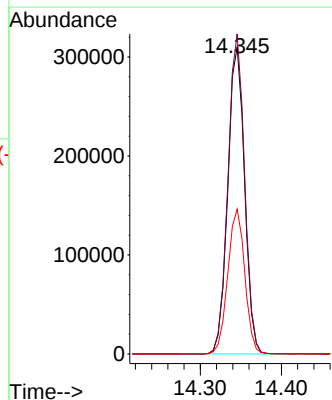
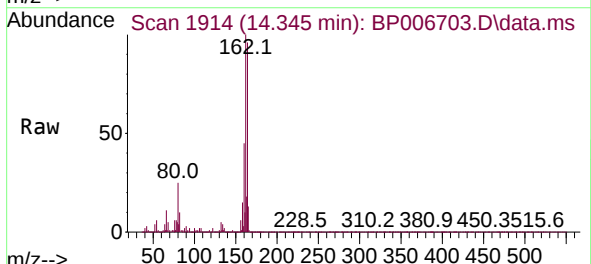
Instrument :
BNA_P
ClientSampled :
20S

Tgt Ion: 82 Resp: 1110951
Ion Ratio Lower Upper
82 100
128 38.6 35.7 53.5
54 42.7 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. 0.000 min
Lab File: BP006703.D
Acq: 17 Aug 2021 02:36

Tgt Ion: 164 Resp: 444250
Ion Ratio Lower Upper
164 100
162 104.3 80.2 120.2
160 47.2 34.5 51.7

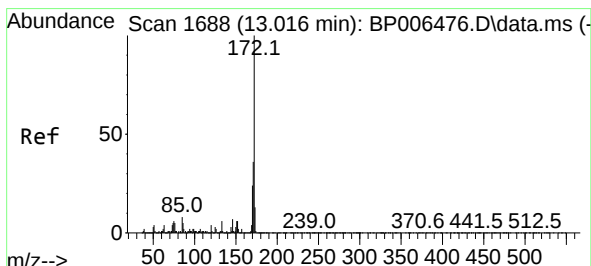
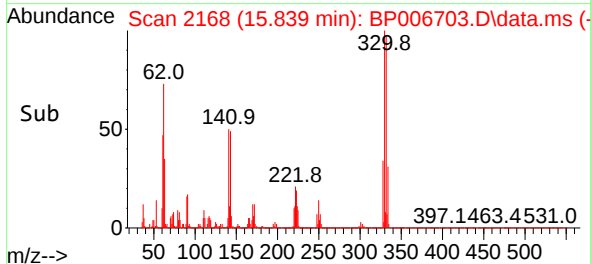
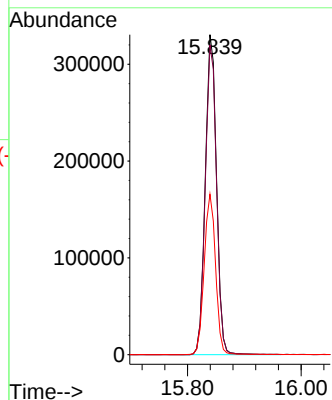
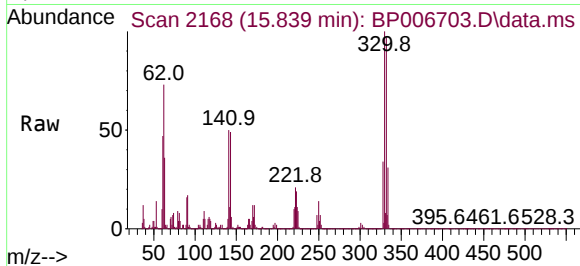




#42
2,4,6-Tribromophenol
Concen: 97.552 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BP006703.D
Acq: 17 Aug 2021 02:36

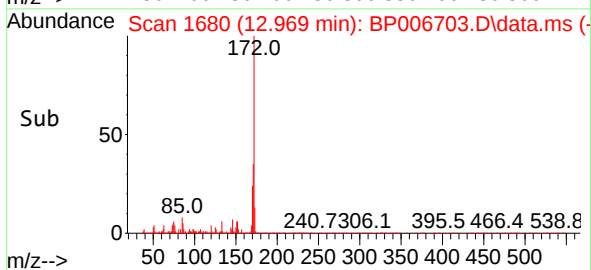
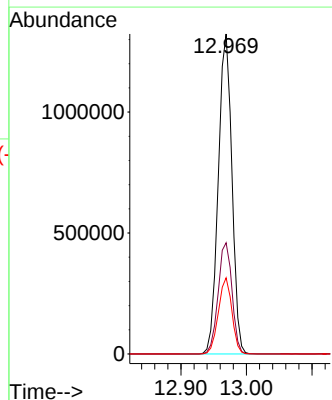
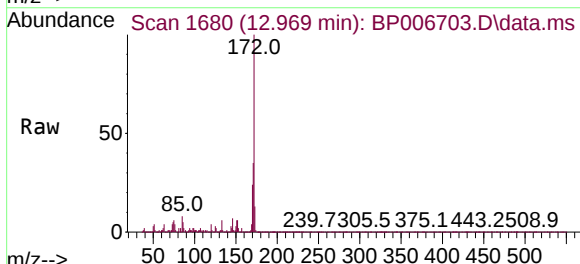
Instrument :
BNA_P
ClientSampleId :
20S

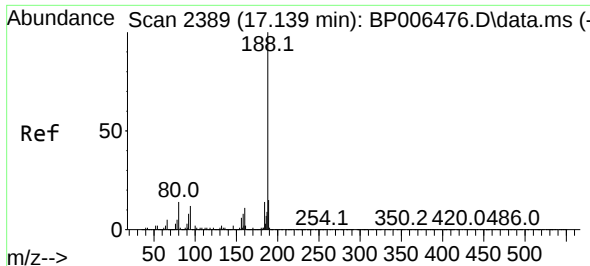
Tgt Ion:330 Resp: 452925
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.8
141 50.9 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 63.964 ng
RT: 12.969 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BP006703.D
Acq: 17 Aug 2021 02:36

Tgt Ion:172 Resp: 1899304
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.8 18.6 27.8

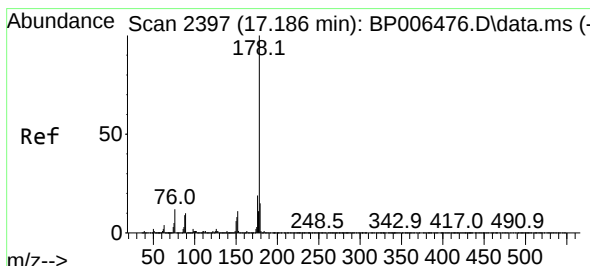
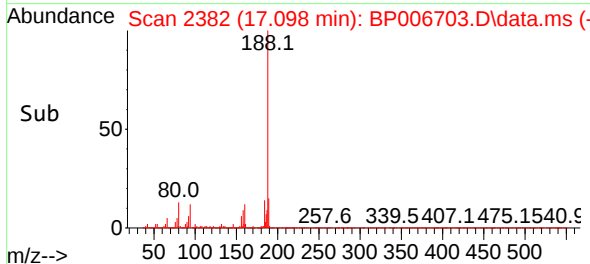
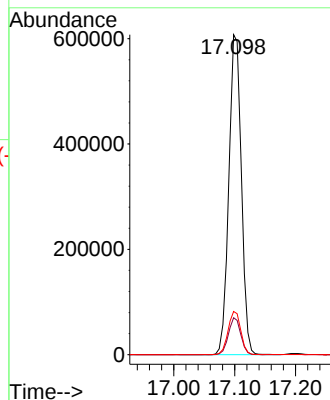
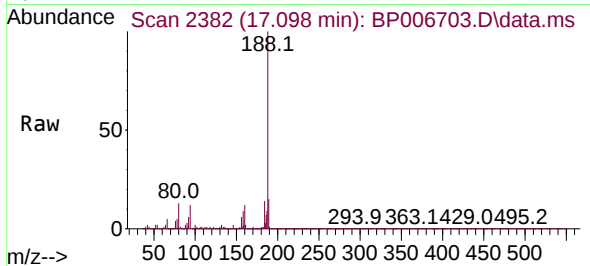




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.006 min
Lab File: BP006703.D
Acq: 17 Aug 2021 02:36

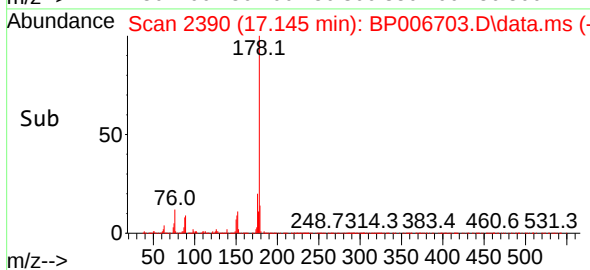
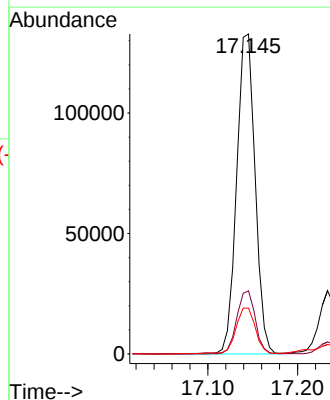
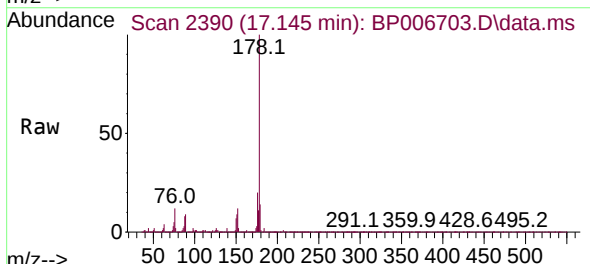
Instrument :
BNA_P
ClientSampled :
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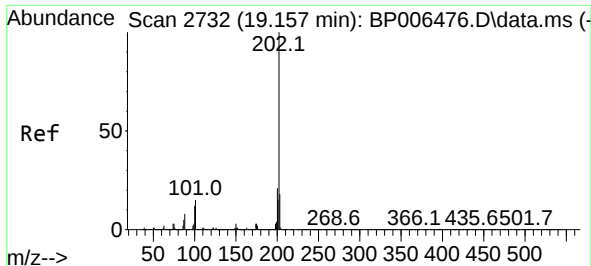
Tgt Ion:188 Resp: 868000
Ion Ratio Lower Upper
188 100
94 11.6 5.6 8.4#
80 13.5 6.3 9.5#



#71
Phenanthrene
Concen: 3.873 ng
RT: 17.145 min Scan# 2390
Delta R.T. 0.000 min
Lab File: BP006703.D
Acq: 17 Aug 2021 02:36

Tgt Ion:178 Resp: 189618
Ion Ratio Lower Upper
178 100
176 19.7 15.1 22.7
179 14.3 12.4 18.6

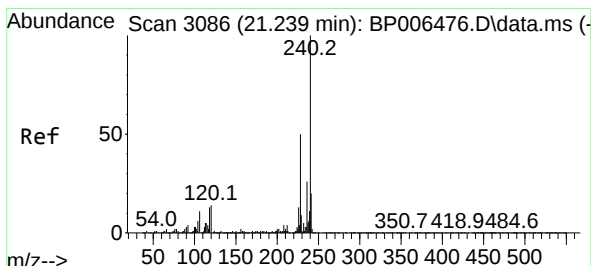
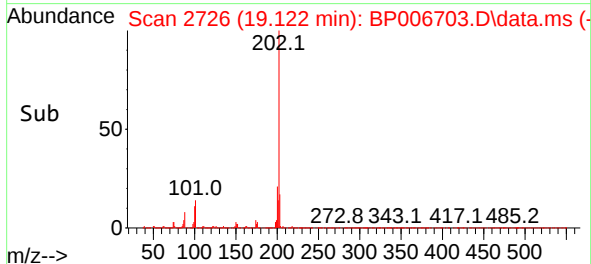
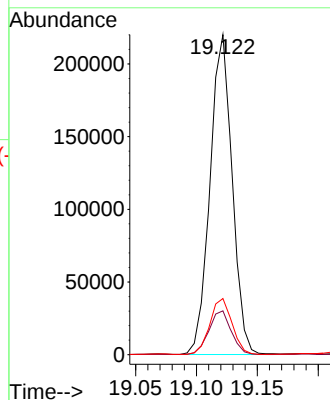
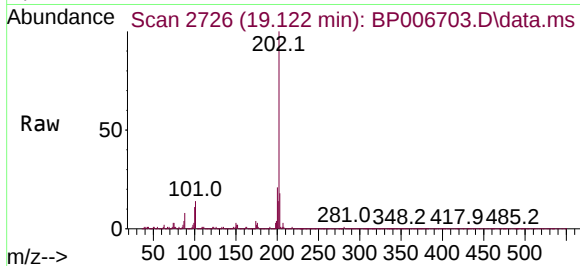




#75
Fluoranthene
Concen: 5.078 ng
RT: 19.122 min Scan# 2726
Delta R.T. -0.006 min
Lab File: BP006703.D
Acq: 17 Aug 2021 02:36

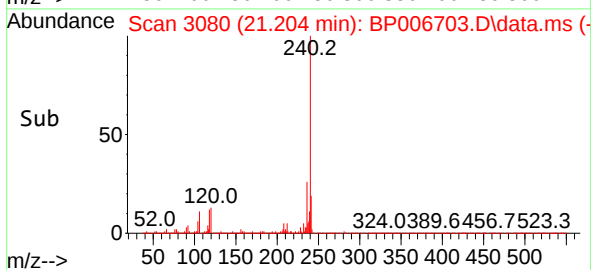
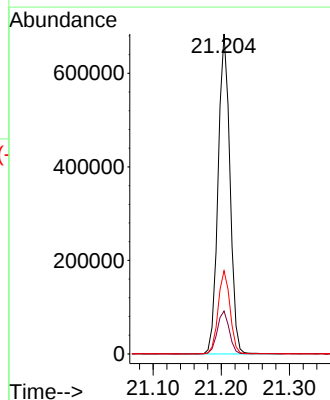
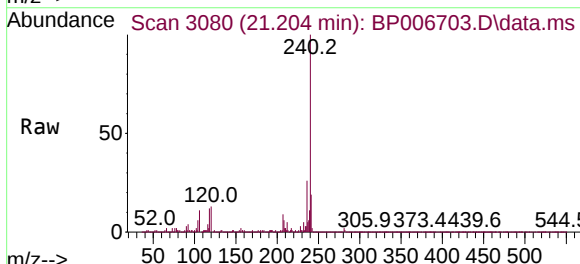
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BNA_P
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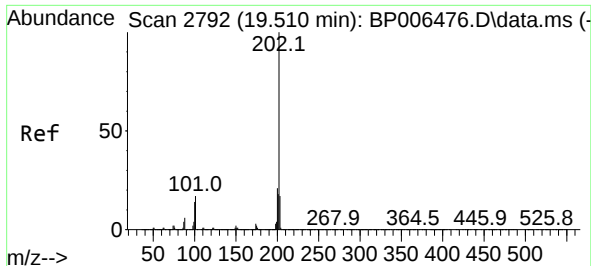
Tgt Ion:	202	Resp:	279065
Ion Ratio	Lower	Upper	
202	100		
101	13.7	0.0	27.6
203	17.5	0.0	37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BP006703.D
Acq: 17 Aug 2021 02:36

Tgt Ion:	240	Resp:	827384
Ion Ratio	Lower	Upper	
240	100		
120	13.4	6.5	9.7#
236	26.0	20.6	31.0

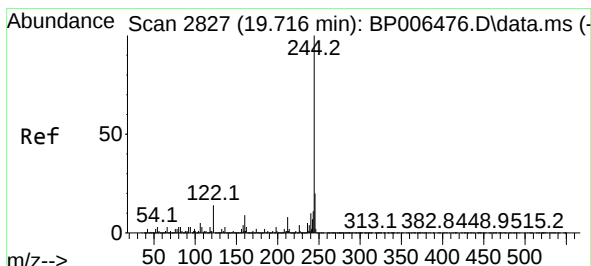
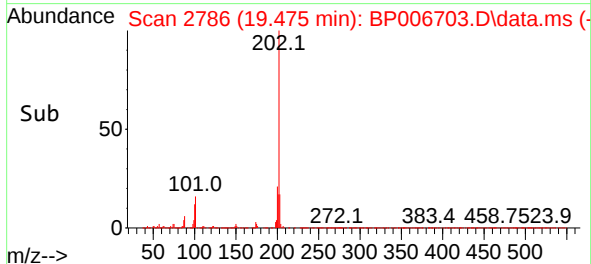
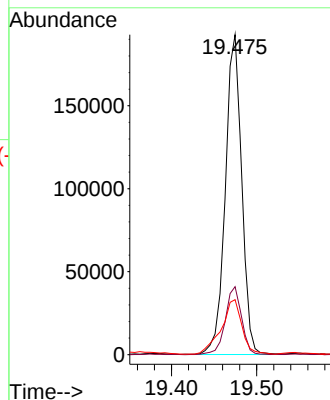
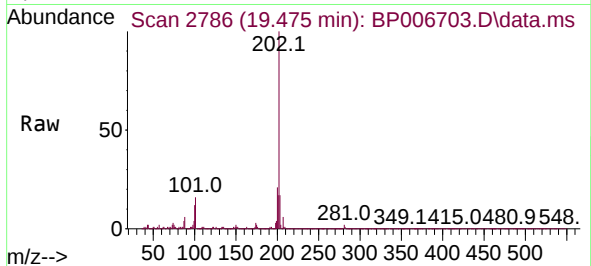




#78
Pyrene
Concen: 4.655 ng
RT: 19.475 min Scan# 2786
Delta R.T. -0.006 min
Lab File: BP006703.D
Acq: 17 Aug 2021 02:36

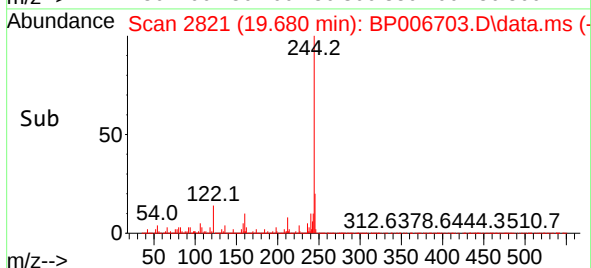
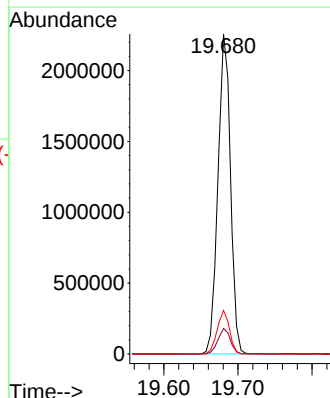
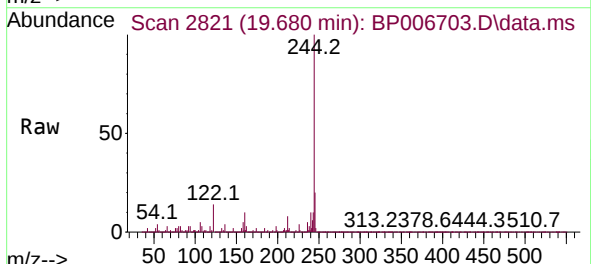
Instrument :
BNA_P
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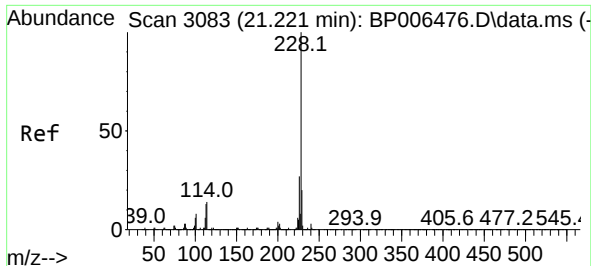
Tgt Ion:202 Resp: 257260
Ion Ratio Lower Upper
202 100
200 21.2 16.3 24.5
203 17.2 14.2 21.2



#79
Terphenyl-d14
Concen: 64.175 ng
RT: 19.680 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BP006703.D
Acq: 17 Aug 2021 02:36

Tgt Ion:244 Resp: 2649860
Ion Ratio Lower Upper
244 100
212 8.0 6.0 9.0
122 13.6 7.1 10.7#

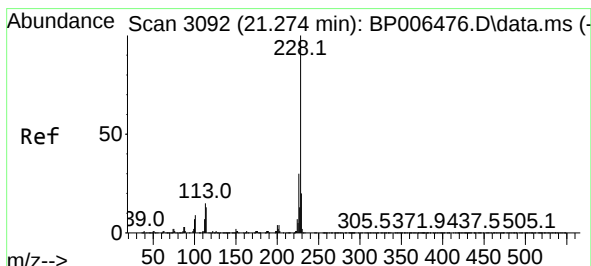
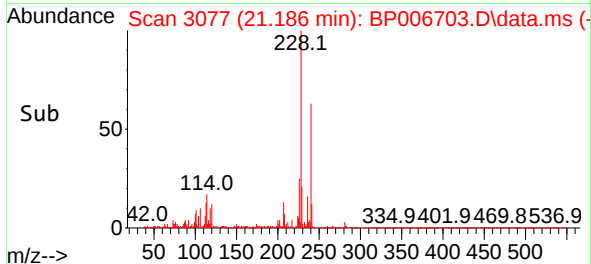
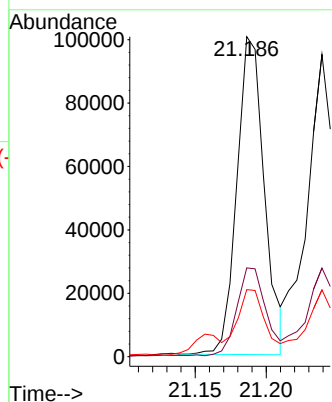
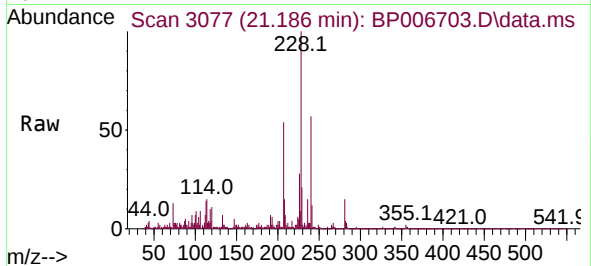




#81
Benzo(a)anthracene
Concen: 2.492 ng
RT: 21.186 min Scan# 3077
Delta R.T. -0.012 min
Lab File: BP006703.D
Acq: 17 Aug 2021 02:36

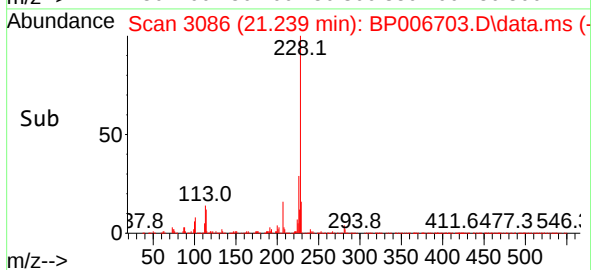
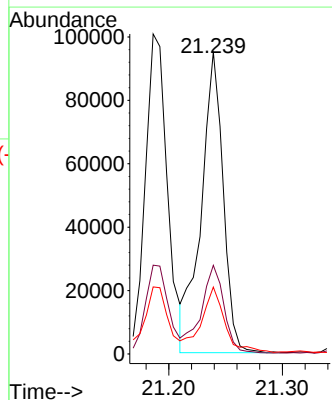
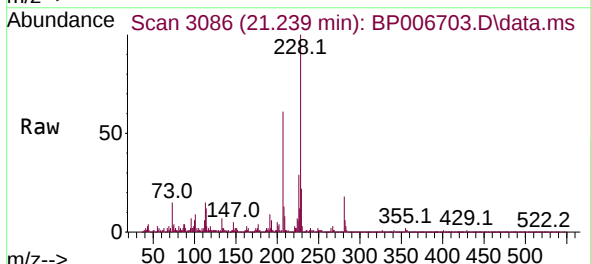
Instrument :
BNA_P
ClientSampled :
20S

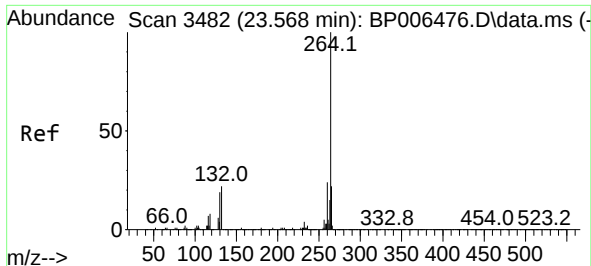
Tgt Ion:228 Resp: 134753
Ion Ratio Lower Upper
228 100
226 27.8 21.6 32.4
229 21.0 15.8 23.6



#83
Chrysene
Concen: 2.443 ng
RT: 21.239 min Scan# 3086
Delta R.T. -0.012 min
Lab File: BP006703.D
Acq: 17 Aug 2021 02:36

Tgt Ion:228 Resp: 128065
Ion Ratio Lower Upper
228 100
226 29.3 23.8 35.6
229 22.1 15.4 23.2

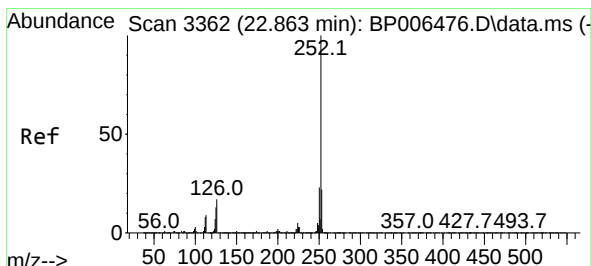
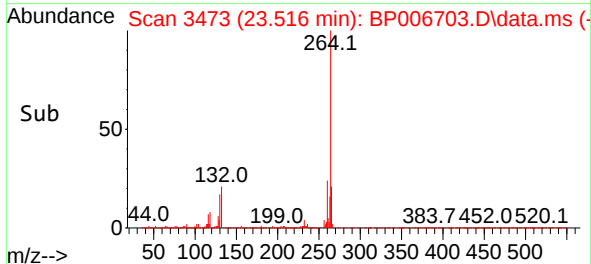
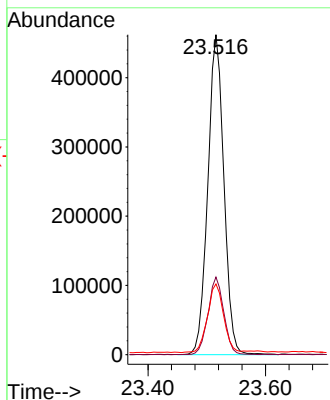
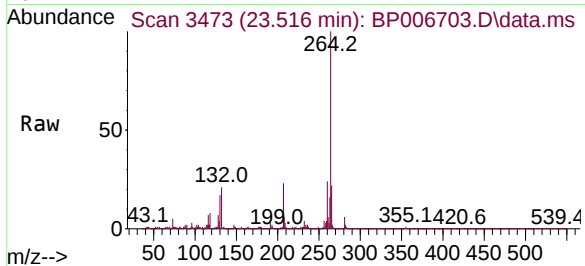




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.516 min Scan# 3473
Delta R.T. -0.012 min
Lab File: BP006703.D
Acq: 17 Aug 2021 02:36

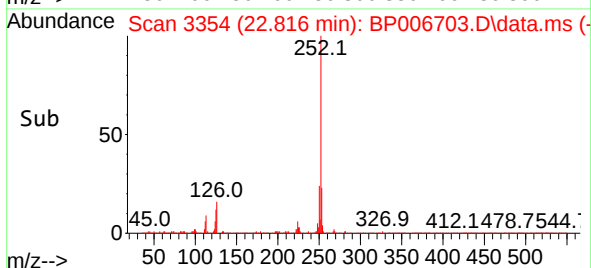
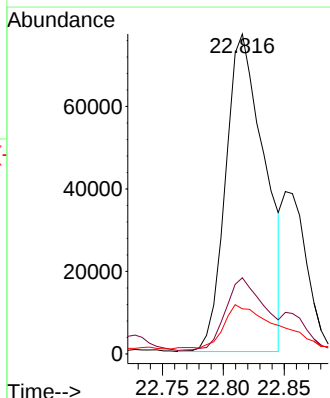
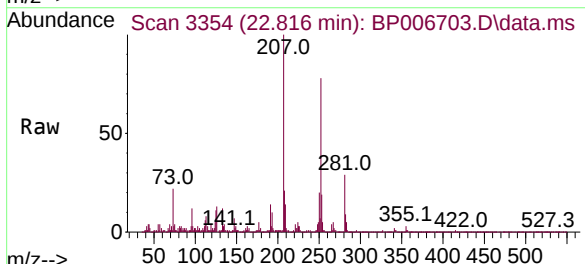
Instrument :
BNA_P
ClientSampled :
20S

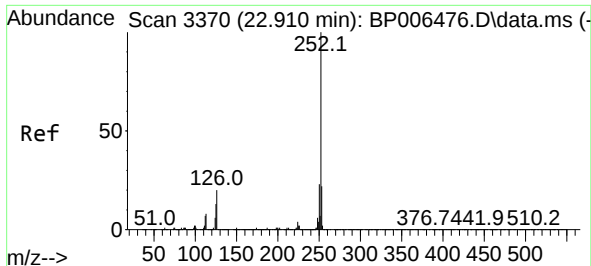
Tgt Ion:	264	Resp:	876124
Ion Ratio	Lower	Upper	
264	100		
260	24.3	18.6	28.0
265	22.1	17.6	26.4



#88
Benzo(b)fluoranthene
Concen: 3.018 ng
RT: 22.816 min Scan# 3354
Delta R.T. -0.006 min
Lab File: BP006703.D
Acq: 17 Aug 2021 02:36

Tgt Ion:	252	Resp:	171854
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.5	26.3
125	14.1	6.2	9.4#

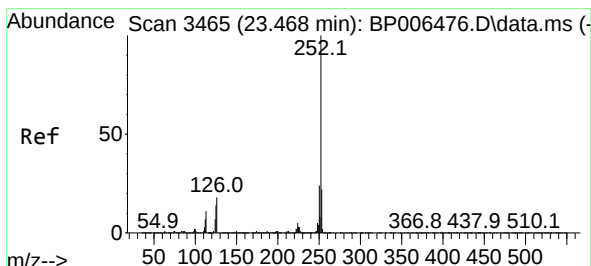
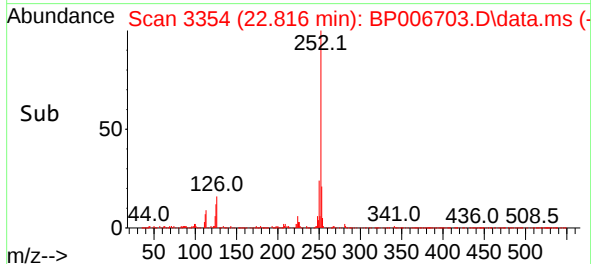
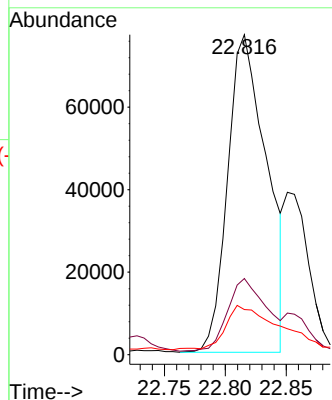
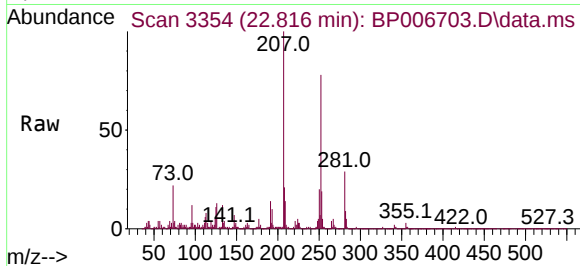




#89
Benzo(k)fluoranthene
Concen: 3.143 ng
RT: 22.816 min Scan# 3354
Delta R.T. -0.059 min
Lab File: BP006703.D
Acq: 17 Aug 2021 02:36

Instrument :
BNA_P
ClientSampled :
20S

Tgt Ion:252 Resp: 171854
Ion Ratio Lower Upper
252 100
253 23.8 17.6 26.4
125 14.1 6.0 9.0#



#90
Benzo(a)pyrene
Concen: 2.457 ng
RT: 23.416 min Scan# 3456
Delta R.T. -0.006 min
Lab File: BP006703.D
Acq: 17 Aug 2021 02:36

Tgt Ion:252 Resp: 125500
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 15.5 6.5 9.7#

