

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110421\
 Data File : BP007857.D
 Acq On : 04 Nov 2021 20:17
 Operator : CG/JU
 Sample : M4497-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 346

Quant Time: Nov 07 11:18:41 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 02 19:18:55 2021
 Response via : Initial Calibration

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

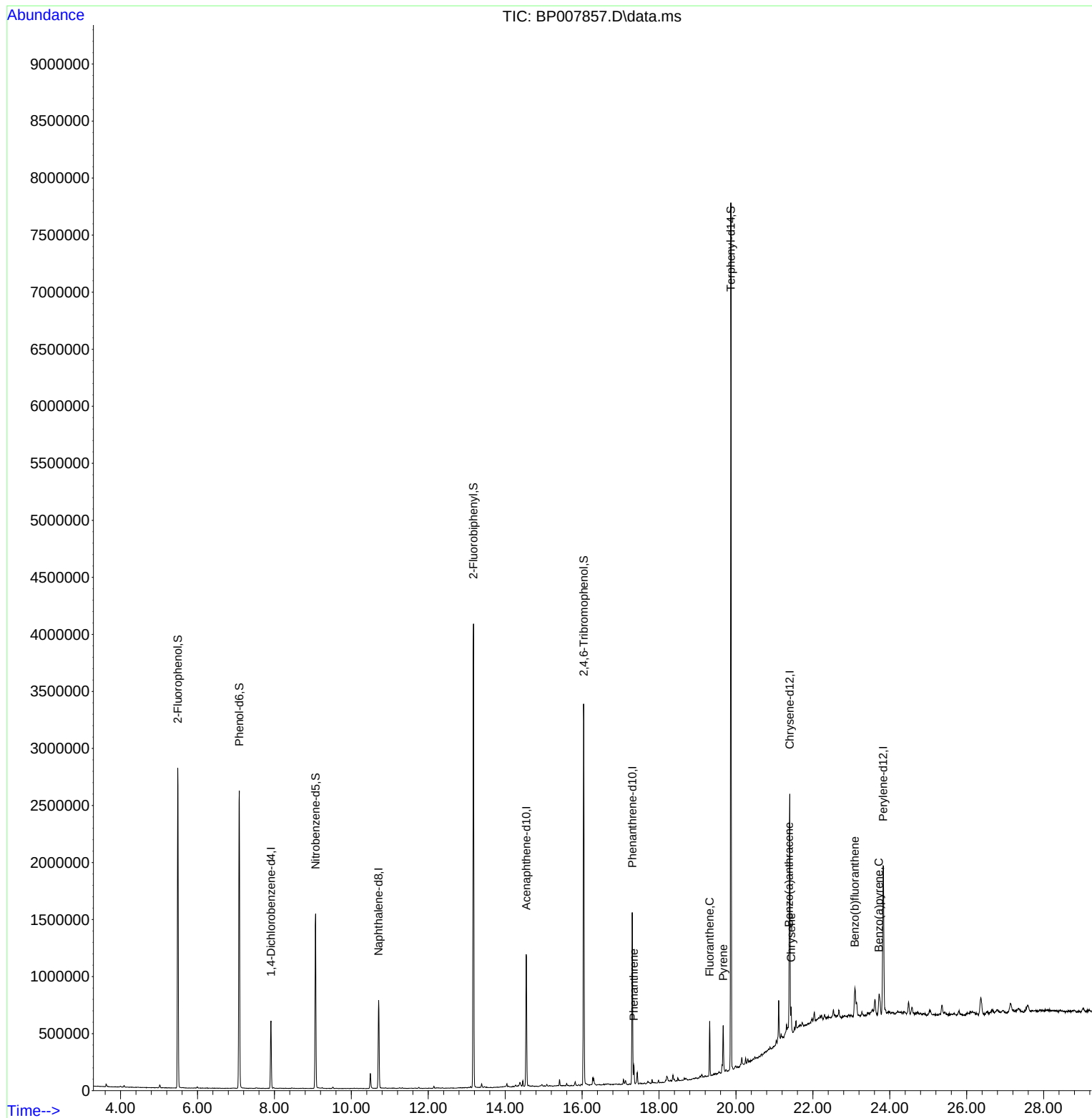
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	166960	20.000	ng	-0.01
21) Naphthalene-d8	10.710	136	647161	20.000	ng	-0.02
39) Acenaphthene-d10	14.545	164	418170	20.000	ng	-0.02
64) Phenanthrene-d10	17.304	188	892399	20.000	ng	-0.02
76) Chrysene-d12	21.398	240	979503	20.000	ng	-0.02
86) Perylene-d12	23.827	264	1045901	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1226462	124.581	ng	-0.01
7) Phenol-d6	7.087	99	1508880	105.892	ng	0.00
23) Nitrobenzene-d5	9.069	82	885680	73.515	ng	-0.02
42) 2,4,6-Tribromophenol	16.045	330	655384	109.818	ng	-0.01
45) 2-Fluorobiphenyl	13.175	172	2072101	72.161	ng	-0.02
79) Terphenyl-d14	19.869	244	3391727	70.511	ng	-0.01
Target Compounds						
						Qvalue
71) Phenanthrene	17.345	178	100673	2.146	ng	98
75) Fluoranthene	19.316	202	272467	4.604	ng	98
78) Pyrene	19.669	202	244822	4.075	ng	99
81) Benzo(a)anthracene	21.380	228	134713	2.088	ng	96
83) Chrysene	21.433	228	127242	2.083	ng	98
88) Benzo(b)fluoranthene	23.086	252	192099	3.116	ng	# 91
90) Benzo(a)pyrene	23.715	252	136795	2.562	ng	95

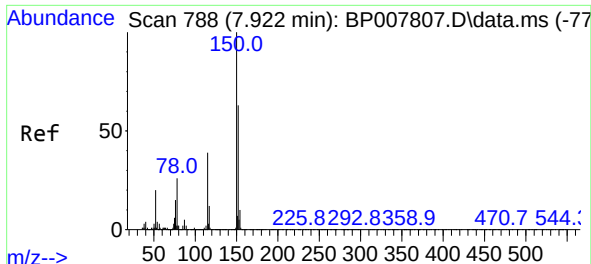
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

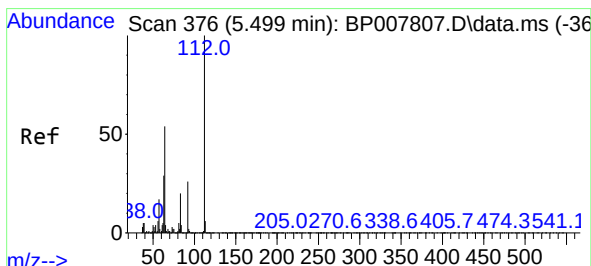
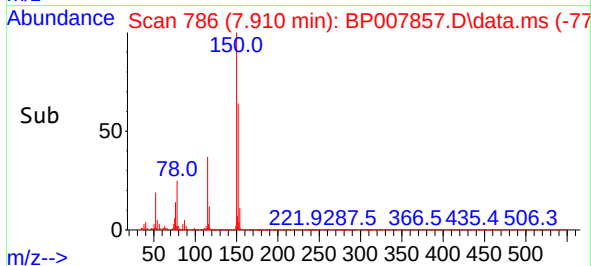
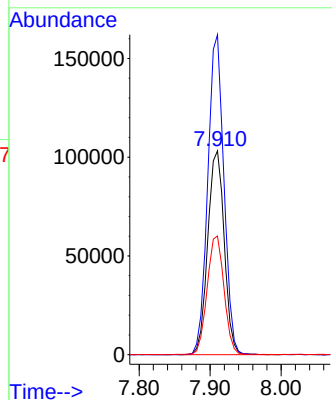
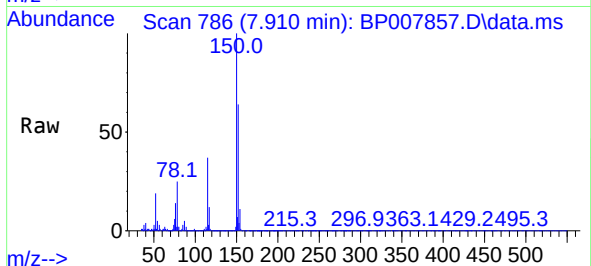




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP007857.D
Acq: 04 Nov 2021 20:17

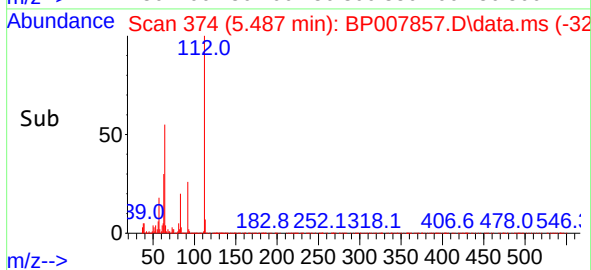
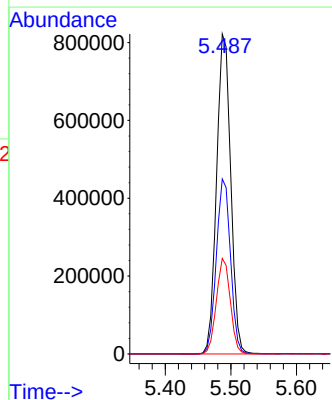
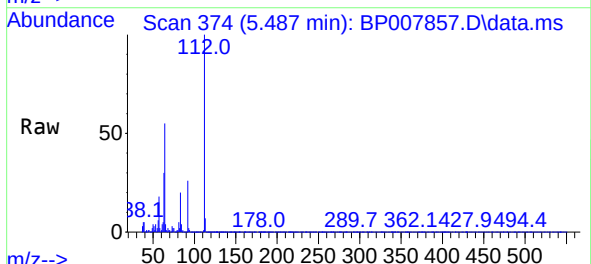
Instrument :
BNA_P
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346

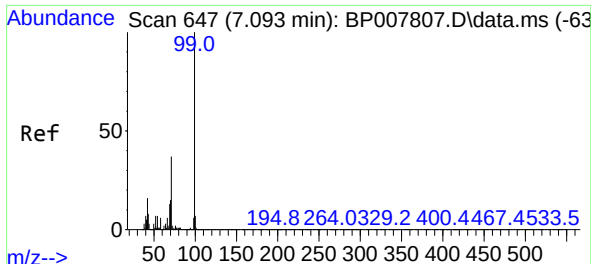
Tgt Ion:152 Resp: 166960
Ion Ratio Lower Upper
152 100
150 157.0 124.1 186.1
115 58.3 48.1 72.1



#5
2-Fluorophenol
Concen: 124.581 ng
RT: 5.487 min Scan# 374
Delta R.T. -0.012 min
Lab File: BP007857.D
Acq: 04 Nov 2021 20:17

Tgt Ion:112 Resp: 1226462
Ion Ratio Lower Upper
112 100
64 54.7 46.6 70.0
63 29.9 25.0 37.6

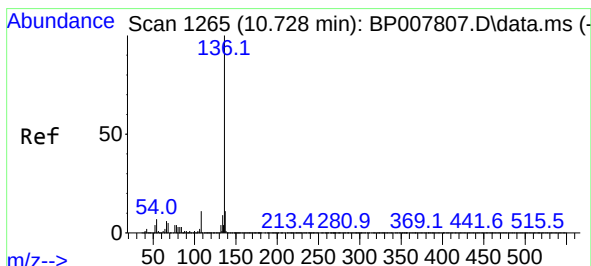
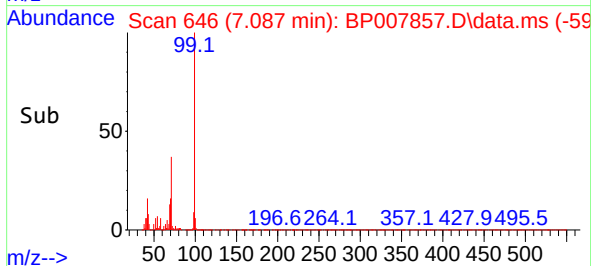
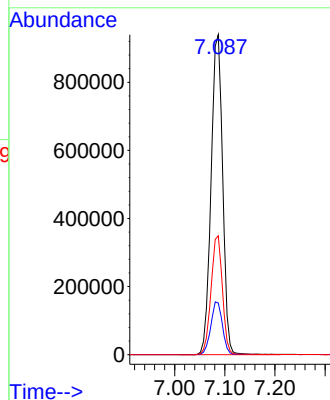
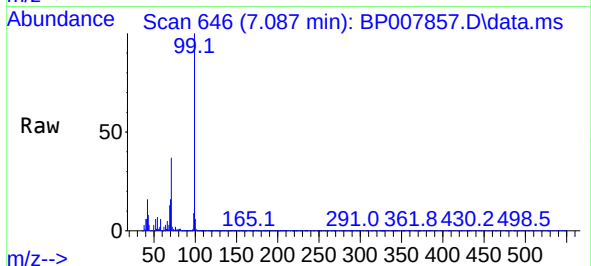




#7
Phenol-d6
Concen: 105.892 ng
RT: 7.087 min Scan# 64
Delta R.T. -0.006 min
Lab File: BP007857.D
Acq: 04 Nov 2021 20:17

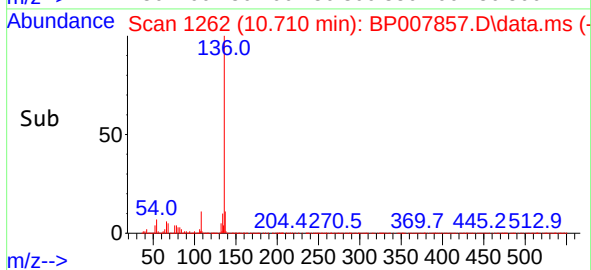
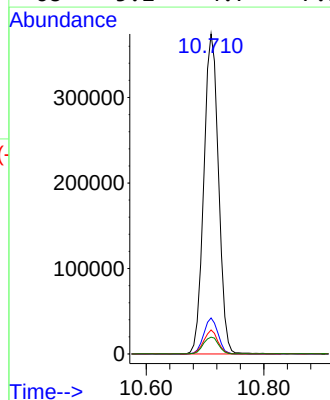
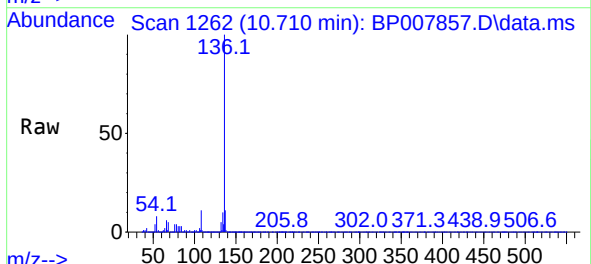
Instrument :
BNA_P
ClientSampleId :
346

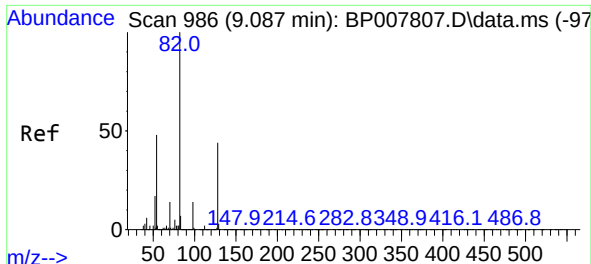
Tgt Ion: 99 Resp: 1508880
Ion Ratio Lower Upper
99 100
42 16.2 14.9 22.3
71 37.2 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1262
Delta R.T. -0.018 min
Lab File: BP007857.D
Acq: 04 Nov 2021 20:17

Tgt Ion: 136 Resp: 647161
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 7.5 6.2 9.4
68 5.2 4.7 7.1

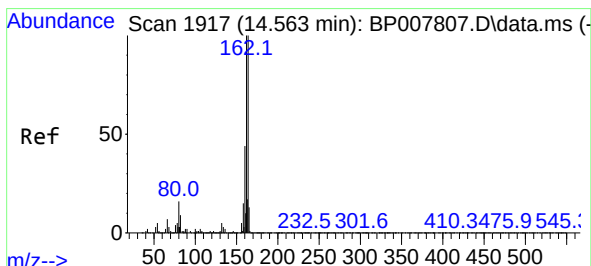
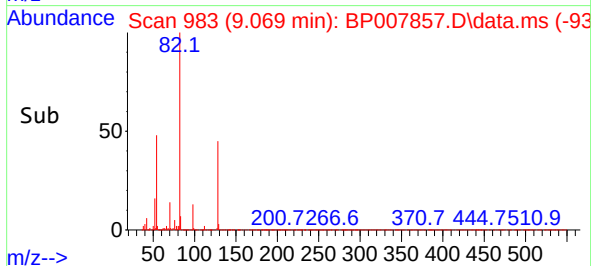
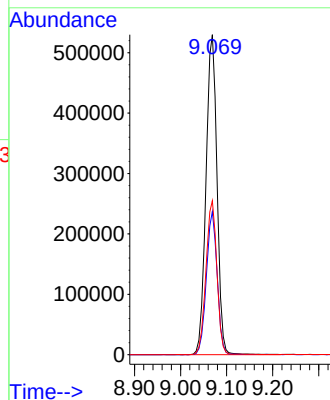
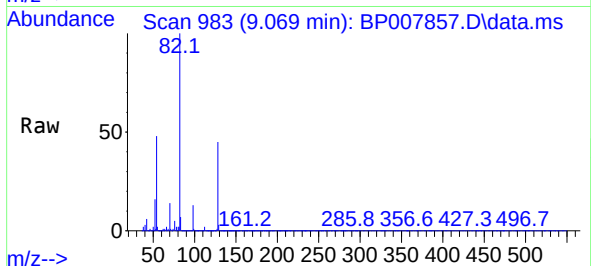




#23
Nitrobenzene-d5
Concen: 73.515 ng
RT: 9.069 min Scan# 91
Delta R.T. -0.018 min
Lab File: BP007857.D
Acq: 04 Nov 2021 20:17

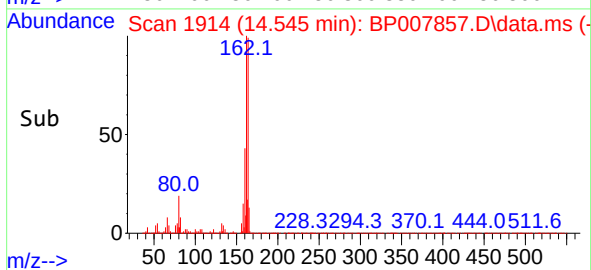
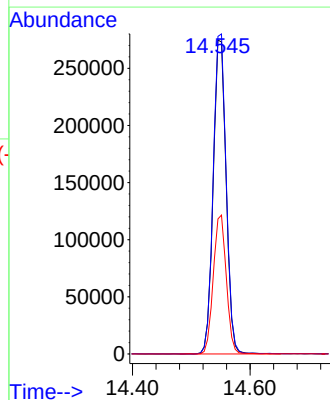
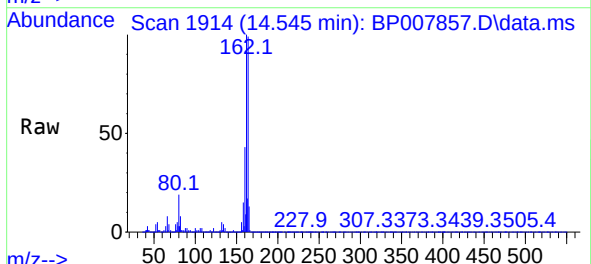
Instrument :
BNA_P
ClientSampleId :
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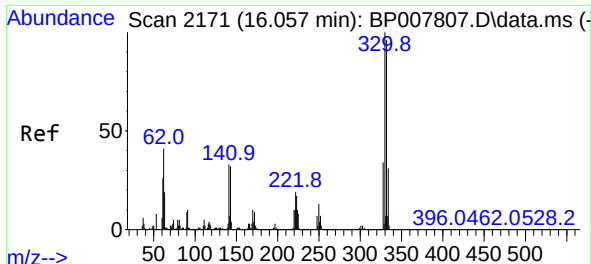
Tgt Ion: 82 Resp: 885680
Ion Ratio Lower Upper
82 100
128 44.8 32.6 48.8
54 48.1 40.4 60.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1914
Delta R.T. -0.018 min
Lab File: BP007857.D
Acq: 04 Nov 2021 20:17

Tgt Ion: 164 Resp: 418170
Ion Ratio Lower Upper
164 100
162 101.2 81.1 121.7
160 43.0 36.0 54.0

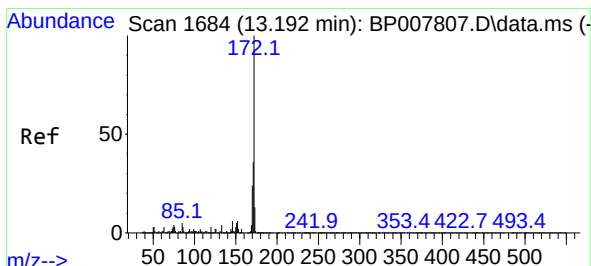
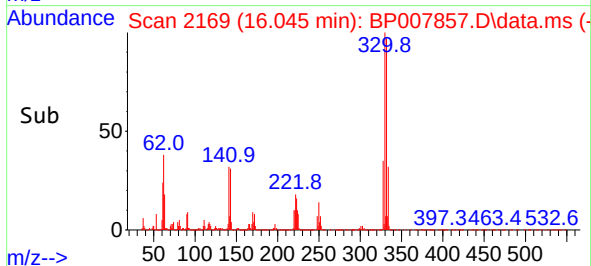
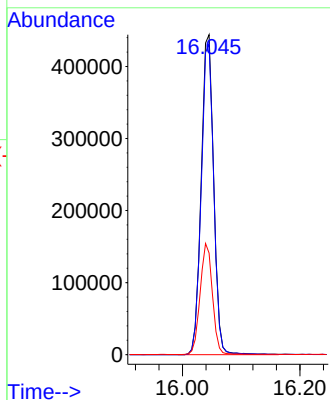
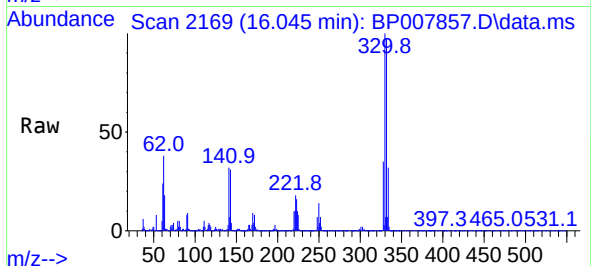




#42
2,4,6-Tribromophenol
Concen: 109.818 ng
RT: 16.045 min Scan# 2171
Delta R.T. -0.012 min
Lab File: BP007857.D
Acq: 04 Nov 2021 20:17

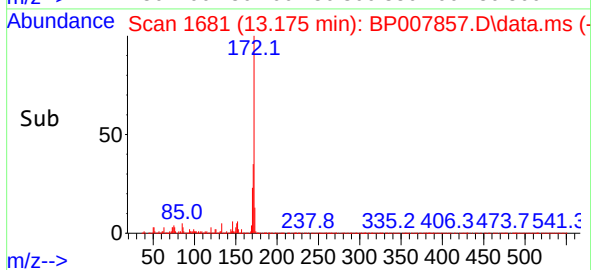
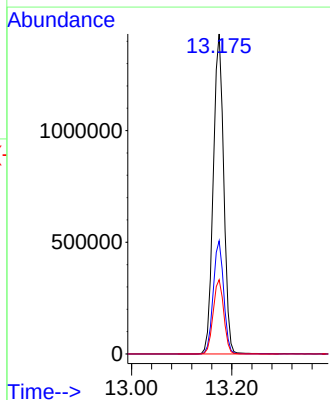
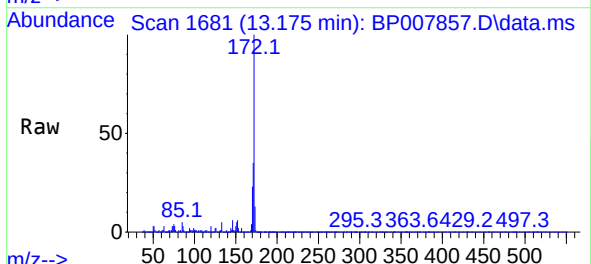
Instrument :
BNA_P
ClientSampleId :
346

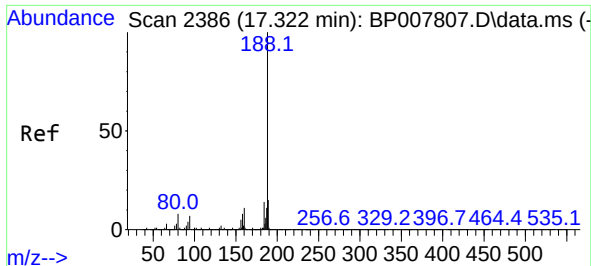
Tgt Ion:330 Resp: 655384
Ion Ratio Lower Upper
330 100
332 97.1 78.9 118.3
141 34.3 30.7 46.1



#45
2-Fluorobiphenyl
Concen: 72.161 ng
RT: 13.175 min Scan# 1681
Delta R.T. -0.018 min
Lab File: BP007857.D
Acq: 04 Nov 2021 20:17

Tgt Ion:172 Resp: 2072101
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.2 19.0 28.4

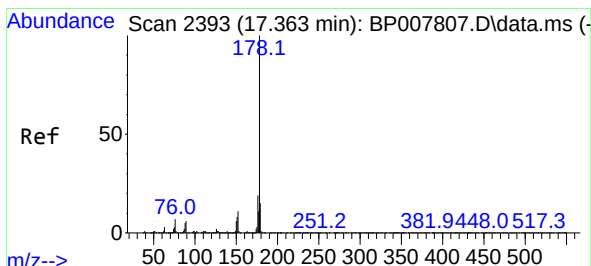
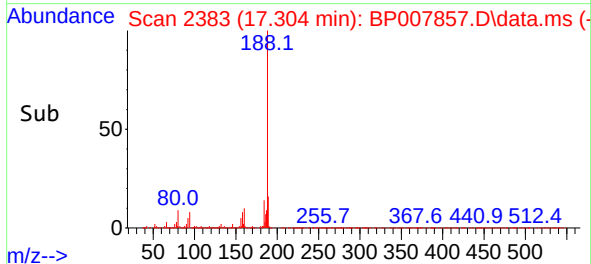
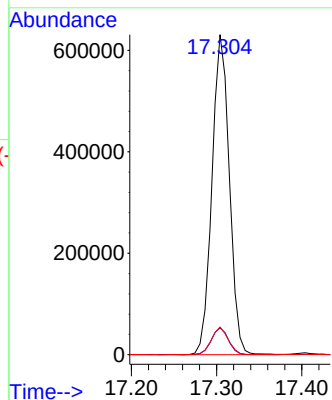
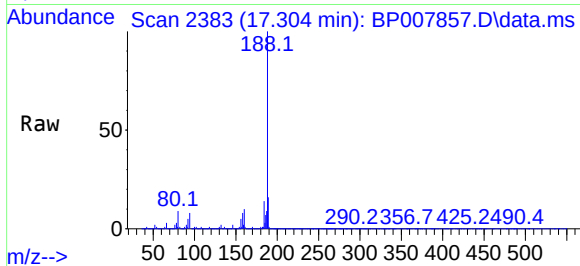




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP007857.D
Acq: 04 Nov 2021 20:17

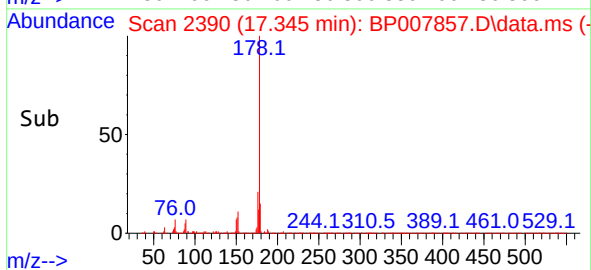
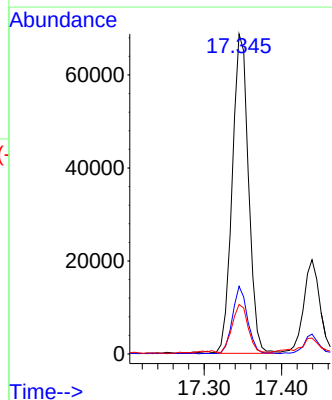
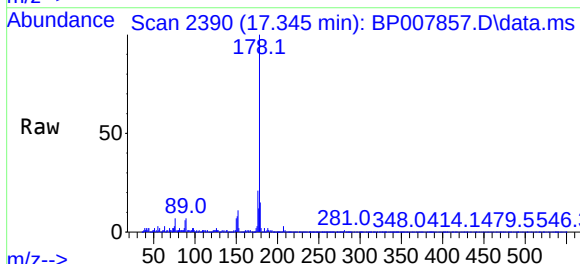
Instrument :
BNA_P
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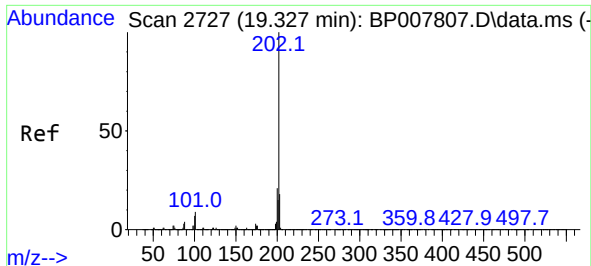
Tgt Ion:188 Resp: 892399
Ion Ratio Lower Upper
188 100
94 8.4 7.1 10.7
80 8.7 7.8 11.6



#71
Phenanthrene
Concen: 2.146 ng
RT: 17.345 min Scan# 2390
Delta R.T. -0.018 min
Lab File: BP007857.D
Acq: 04 Nov 2021 20:17

Tgt Ion:178 Resp: 100673
Ion Ratio Lower Upper
178 100
176 21.2 15.4 23.0
179 15.5 12.3 18.5

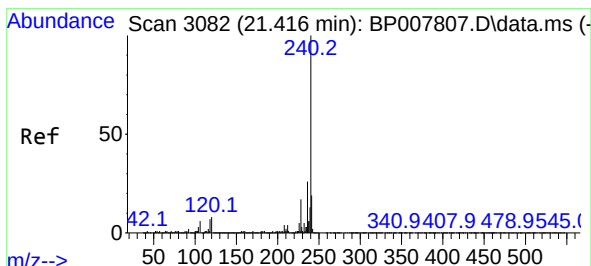
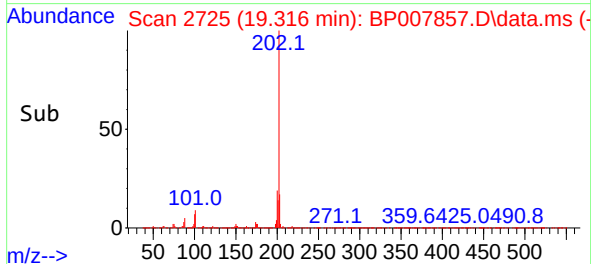
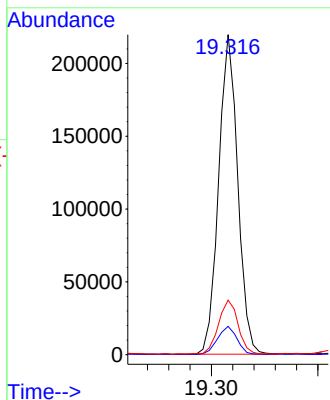
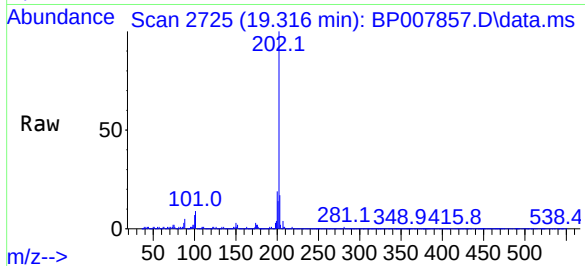




#75
Fluoranthene
Concen: 4.604 ng
RT: 19.316 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP007857.D
Acq: 04 Nov 2021 20:17

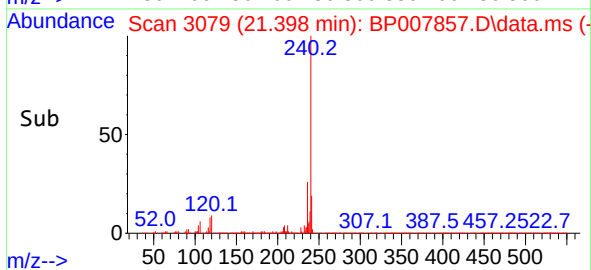
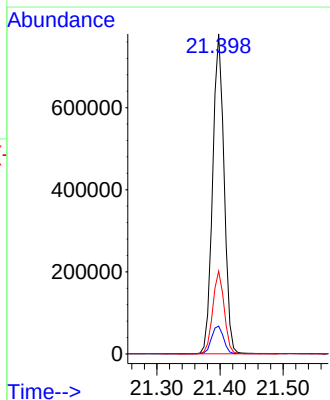
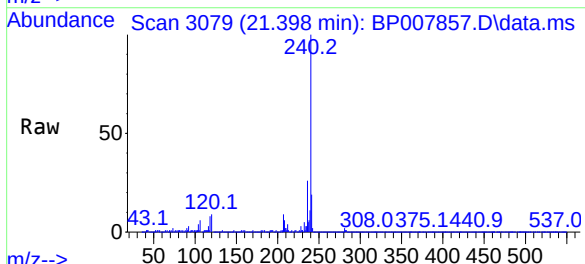
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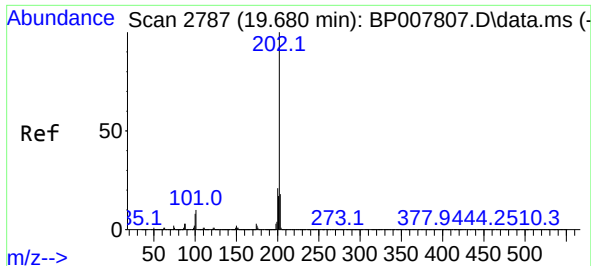
Tgt Ion:	202	Resp:	272467
Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	30.4
203	17.1	0.0	37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3079
Delta R.T. -0.018 min
Lab File: BP007857.D
Acq: 04 Nov 2021 20:17

Tgt Ion:	240	Resp:	979503
Ion	Ratio	Lower	Upper
240	100		
120	8.7	7.8	11.8
236	25.9	20.6	30.8

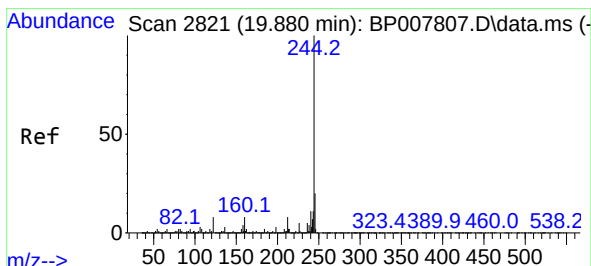
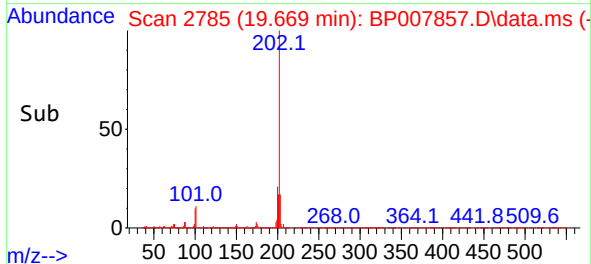
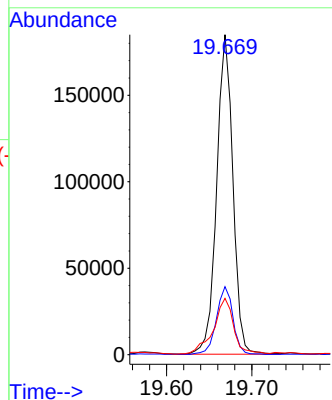
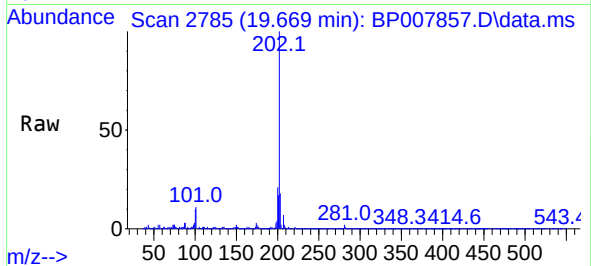




#78
Pyrene
Concen: 4.075 ng
RT: 19.669 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP007857.D
Acq: 04 Nov 2021 20:17

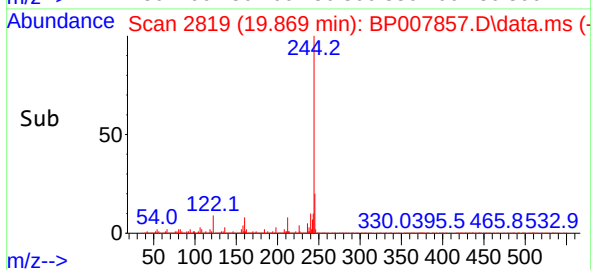
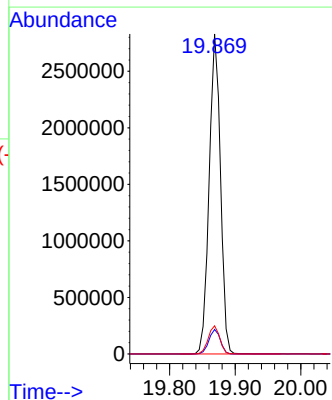
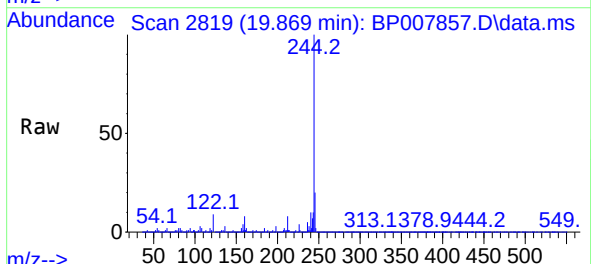
Instrument :
BNA_P
ClientSampleId :
346

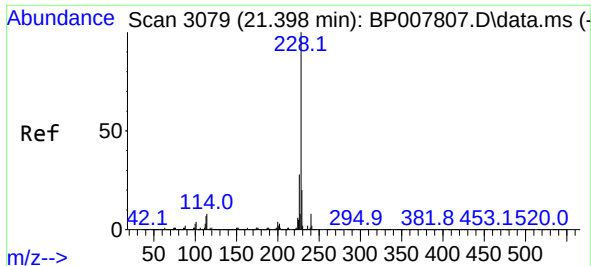
Tgt Ion:202 Resp: 244822
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 17.6 13.8 20.6



#79
Terphenyl-d14
Concen: 70.511 ng
RT: 19.869 min Scan# 2819
Delta R.T. -0.012 min
Lab File: BP007857.D
Acq: 04 Nov 2021 20:17

Tgt Ion:244 Resp: 3391727
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 8.8 7.8 11.8

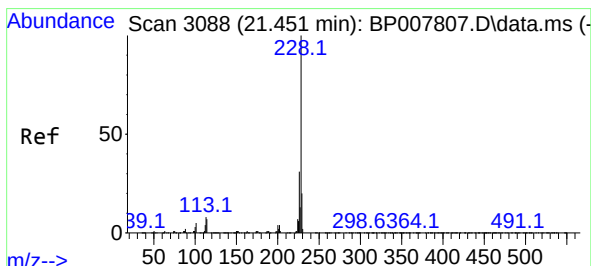
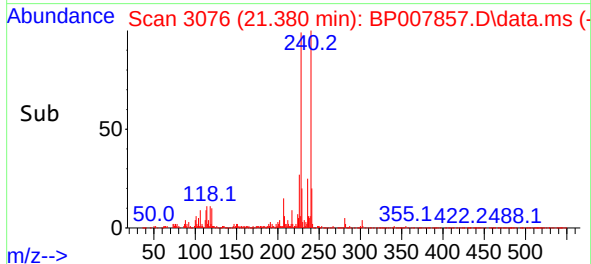
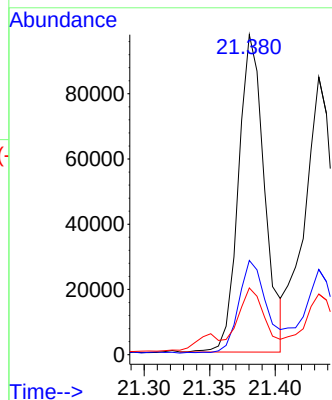
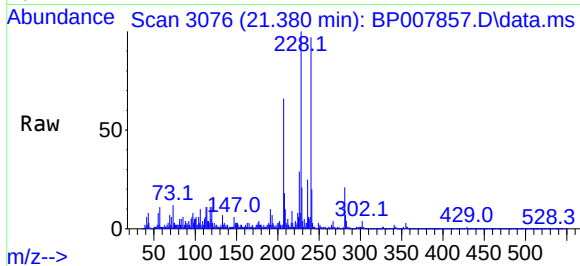




#81
Benzo(a)anthracene
Concen: 2.088 ng
RT: 21.380 min Scan# 3079
Delta R.T. -0.018 min
Lab File: BP007857.D
Acq: 04 Nov 2021 20:17

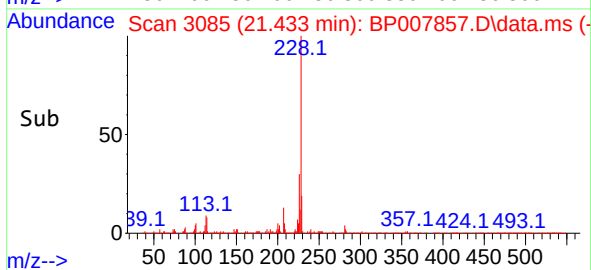
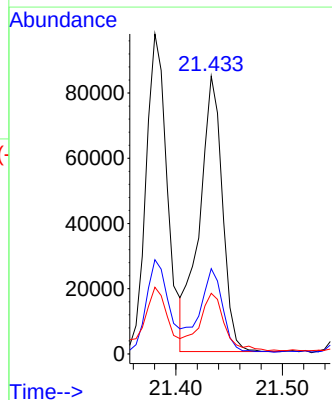
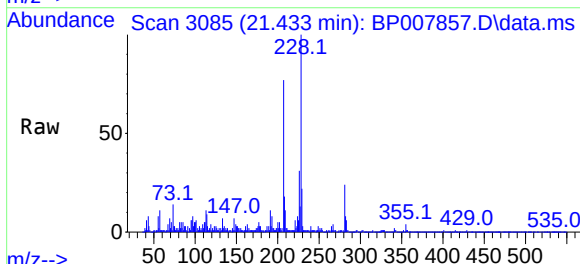
Instrument :
BNA_P
ClientSampleId :
346

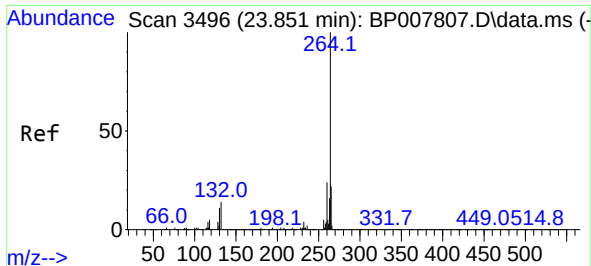
Tgt Ion:228 Resp: 134713
Ion Ratio Lower Upper
228 100
226 29.5 21.8 32.6
229 20.8 15.7 23.5



#83
Chrysene
Concen: 2.083 ng
RT: 21.433 min Scan# 3085
Delta R.T. -0.018 min
Lab File: BP007857.D
Acq: 04 Nov 2021 20:17

Tgt Ion:228 Resp: 127242
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 21.8 15.7 23.5

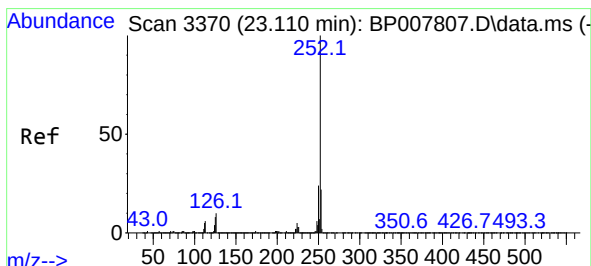
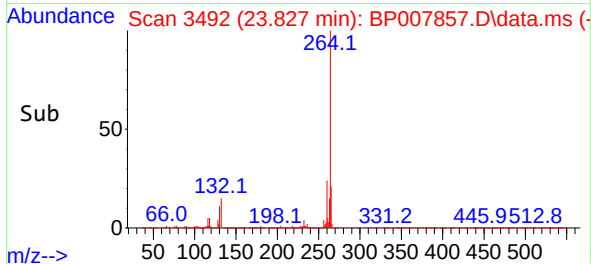
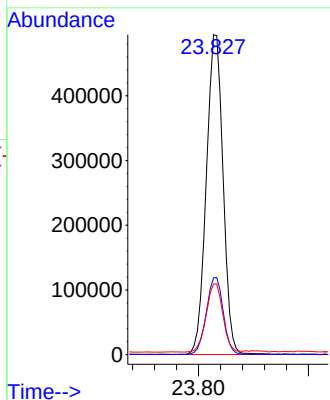
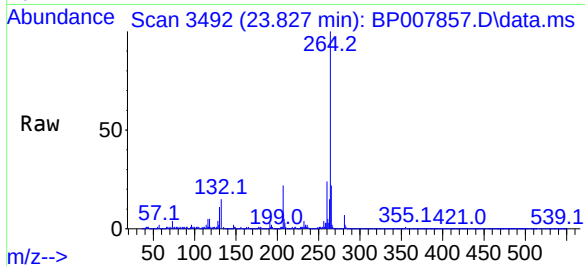




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.827 min Scan# 34
 Delta R.T. -0.024 min
 Lab File: BP007857.D
 Acq: 04 Nov 2021 20:17

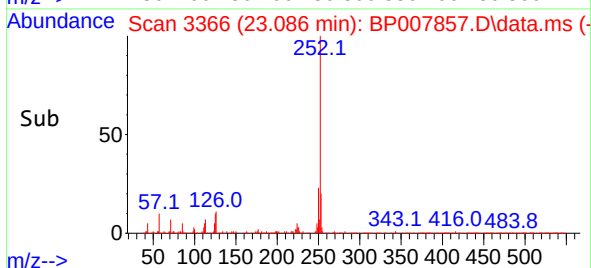
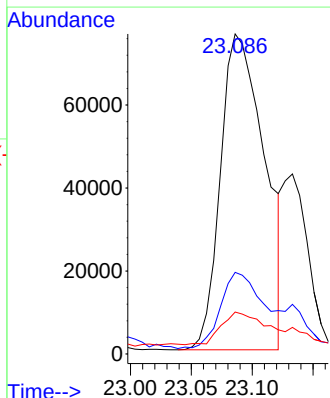
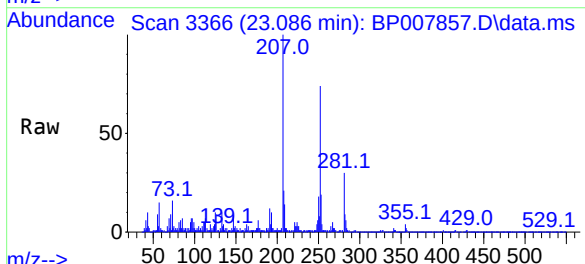
Instrument :
 BNA_P
 ClientSampleId :
 346

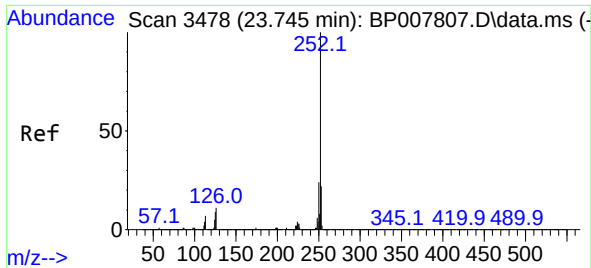
Tgt Ion:264 Resp: 1045901
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 22.1 16.7 25.1



#88
 Benzo(b)fluoranthene
 Concen: 3.116 ng
 RT: 23.086 min Scan# 3366
 Delta R.T. -0.024 min
 Lab File: BP007857.D
 Acq: 04 Nov 2021 20:17

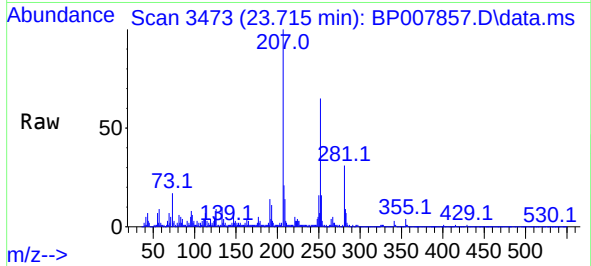
Tgt Ion:252 Resp: 192099
 Ion Ratio Lower Upper
 252 100
 253 25.5 17.4 26.2
 125 13.1 7.4 11.0#





#90
Benzo(a)pyrene
Concen: 2.562 ng
RT: 23.715 min Scan# 346
Delta R.T. -0.029 min
Lab File: BP007857.D
Acq: 04 Nov 2021 20:17

Instrument :
BNA_P
ClientSampleId :
346



Tgt Ion:252 Resp: 136795

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.6	26.4
125	12.2	8.4	12.6

