

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)

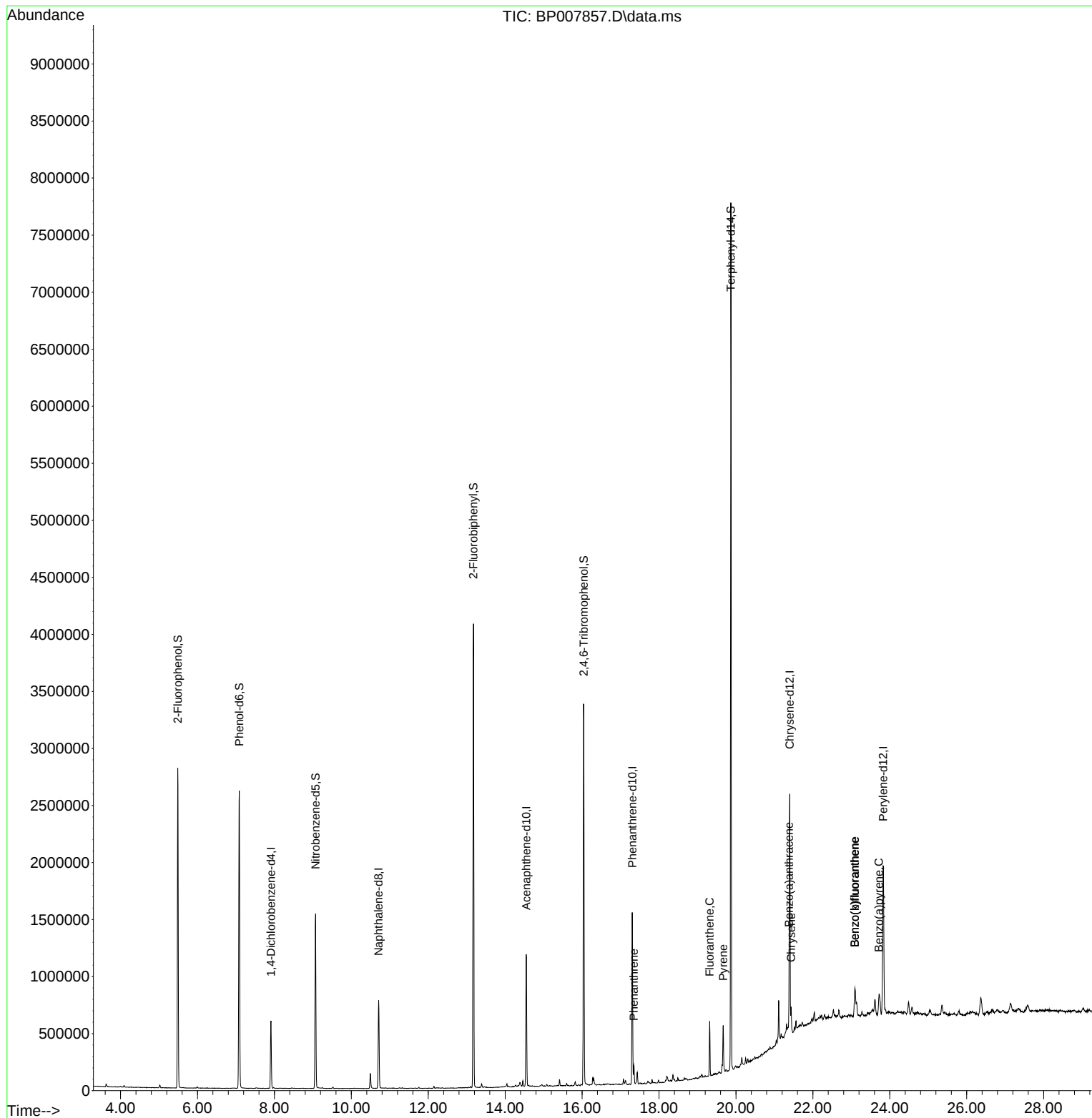
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	166960	20.000	ng	-0.01
21) Naphthalene-d8	10.710	136	647161	20.000	ng	-0.02
39) Acenaphthene-d10	14.545	164	418170	20.000	ng	-0.02
64) Phenanthrene-d10	17.304	188	892399	20.000	ng	-0.02
76) Chrysene-d12	21.398	240	979503	20.000	ng	-0.02
86) 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
2) 1,4-Dioxane	3.387	88	231	Below Cal	#	23
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
89) Benzo(k)fluoranthene	23.086	252	192099	3.139	ng	# 92
90) Benzo(a)pyrene	23.715	252	136795	2.562	ng	95

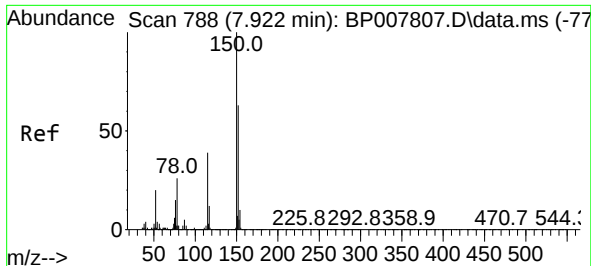
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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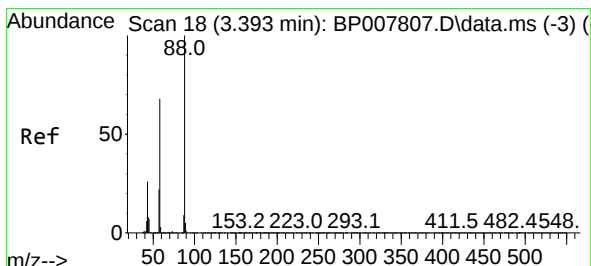
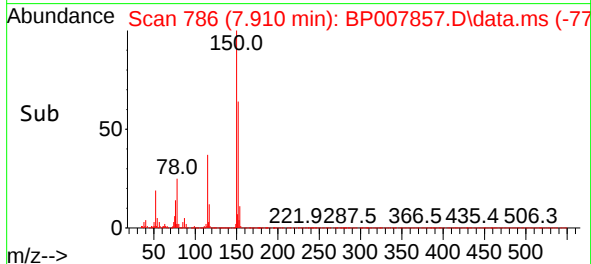
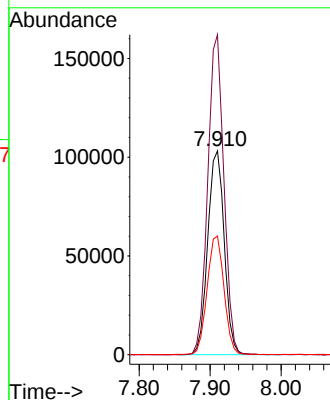
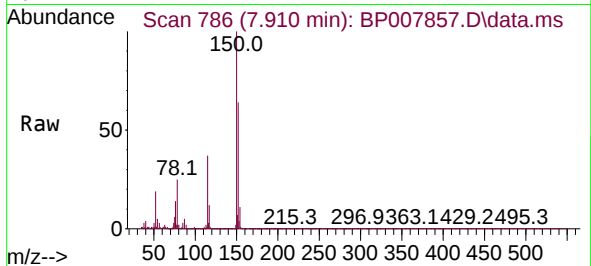




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.910 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BP007857.D
 Acq: 04 Nov 2021 20:17

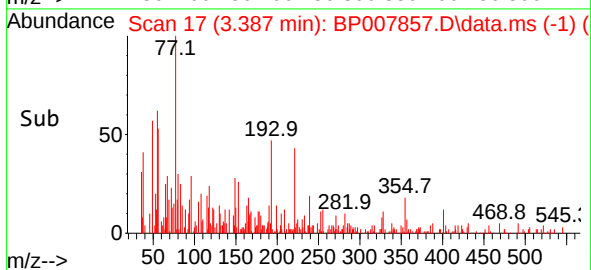
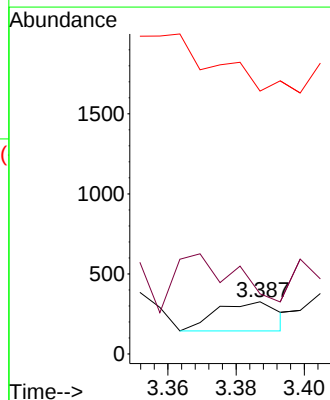
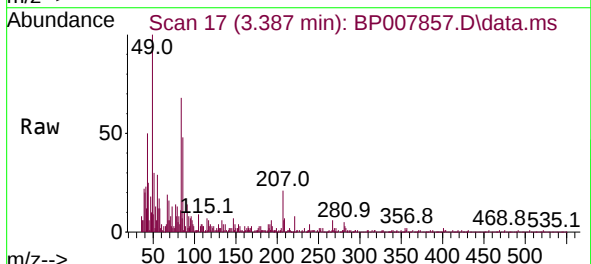
Instrument :
 BNA_P
 ClientSampleId :
 346

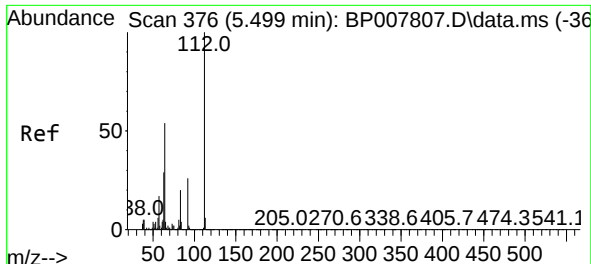
Tgt Ion:152 Resp: 166960
 Ion Ratio Lower Upper
 152 100
 150 157.0 124.1 186.1
 115 58.3 48.1 72.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.387 min Scan# 17
 Delta R.T. -0.006 min
 Lab File: BP007857.D
 Acq: 04 Nov 2021 20:17

Tgt Ion: 88 Resp: 231
 Ion Ratio Lower Upper
 88 100
 58 0.0 58.1 87.1#
 43 0.0 22.2 33.4#

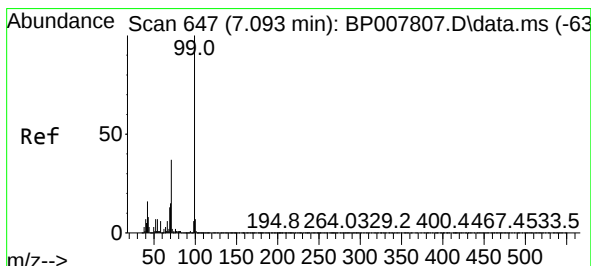
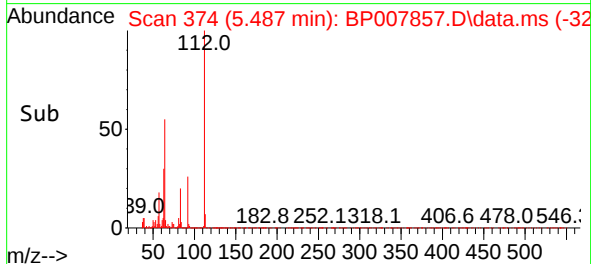
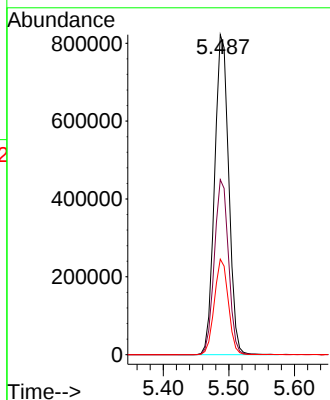
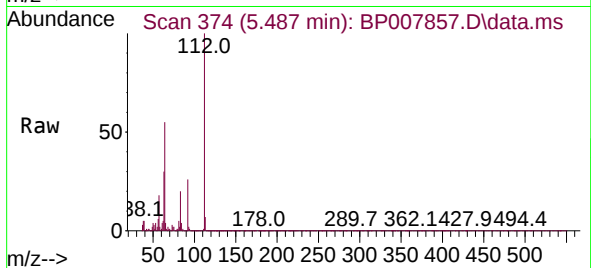




#5
2-Fluorophenol
Concen: 124.581 ng
RT: 5.487 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP007857.D
Acq: 04 Nov 2021 20:17

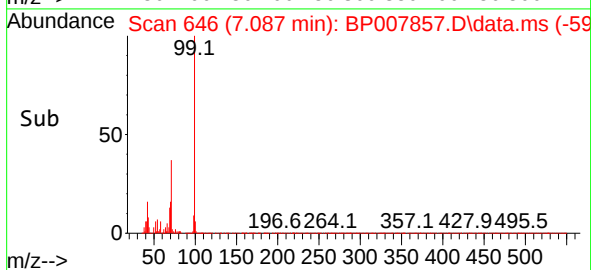
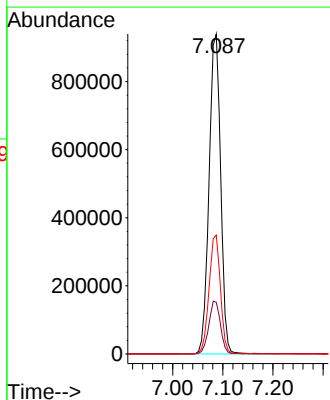
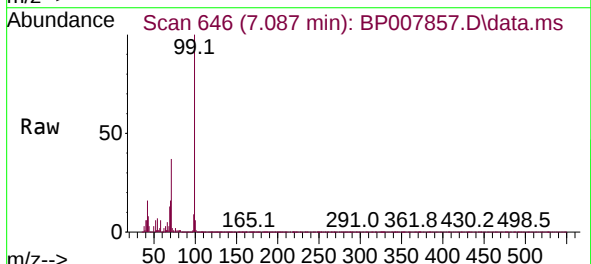
Instrument :
BNA_P
ClientSampleId :
346

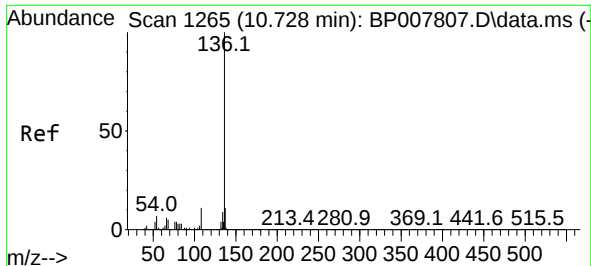
Tgt Ion:112 Resp: 1226462
Ion Ratio Lower Upper
112 100
64 54.7 46.6 70.0
63 29.9 25.0 37.6



#7
Phenol-d6
Concen: 105.892 ng
RT: 7.087 min Scan# 646
Delta R.T. -0.006 min
Lab File: BP007857.D
Acq: 04 Nov 2021 20:17

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

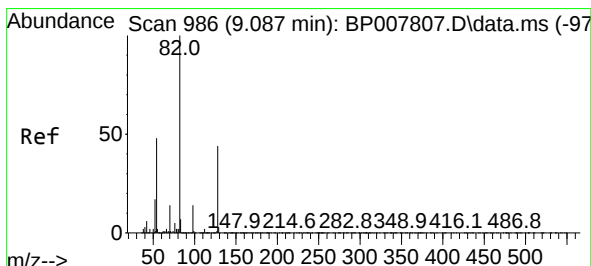
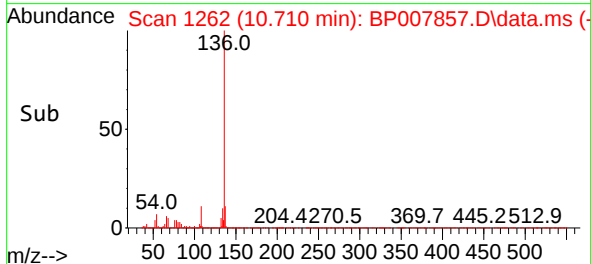
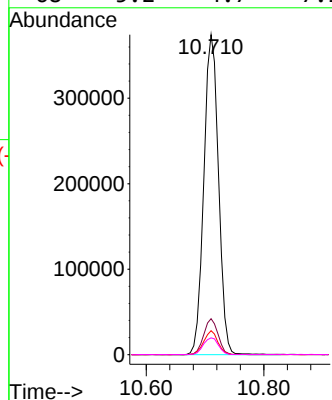
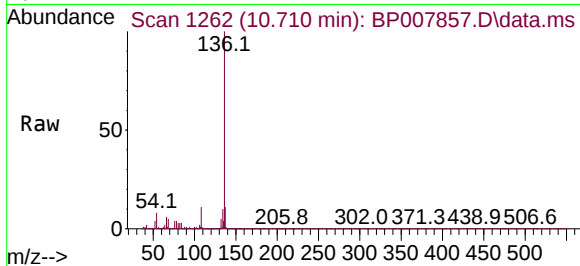




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP007857.D
Acq: 04 Nov 2021 20:17

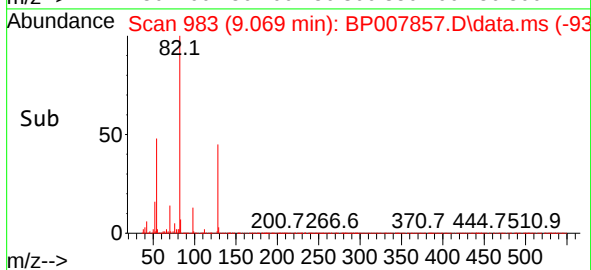
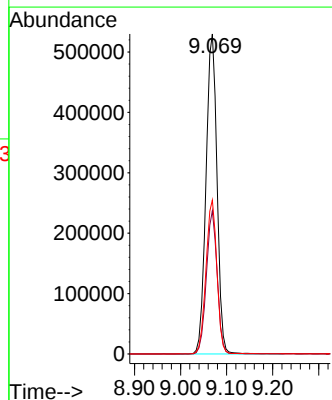
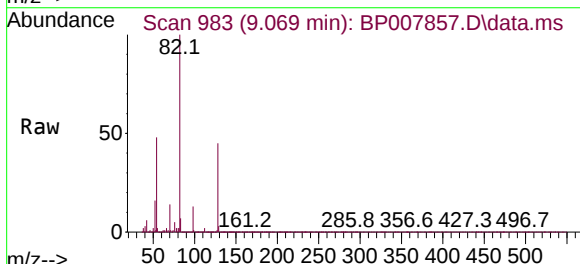
Instrument :
BNA_P
ClientSampleId :
346

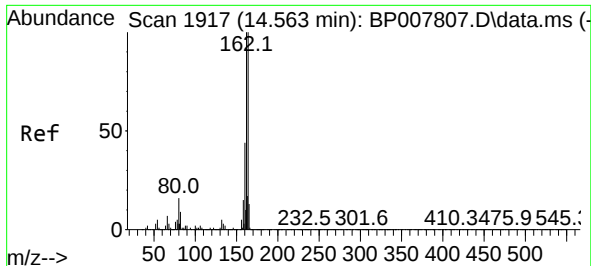
Tgt Ion:	136	Resp:	647161
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	7.5	6.2	9.4
68	5.2	4.7	7.1



#23
Nitrobenzene-d5
Concen: 73.515 ng
RT: 9.069 min Scan# 983
Delta R.T. -0.018 min
Lab File: BP007857.D
Acq: 04 Nov 2021 20:17

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

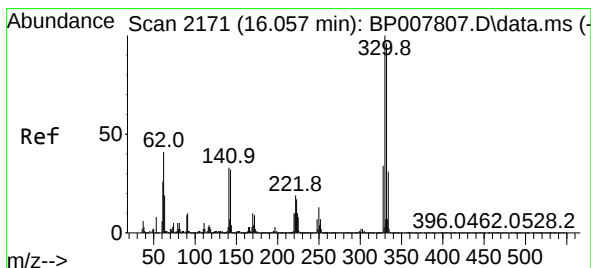
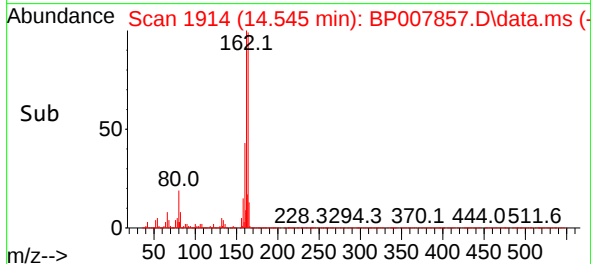
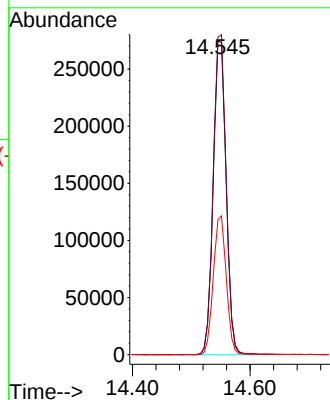
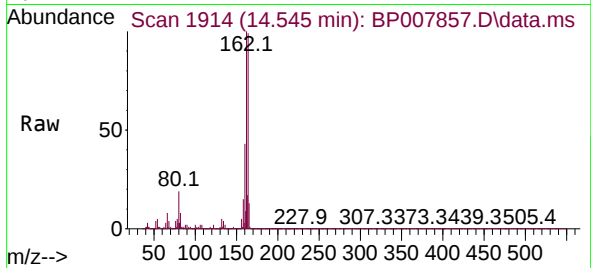




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1914
Delta R.T. -0.018 min
Lab File: BP007857.D
Acq: 04 Nov 2021 20:17

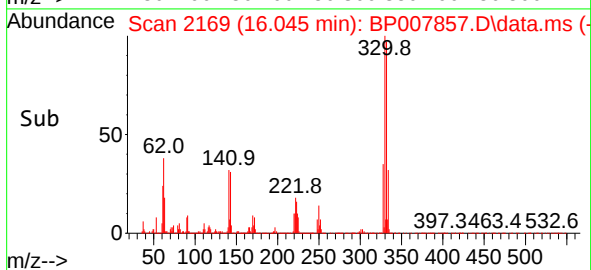
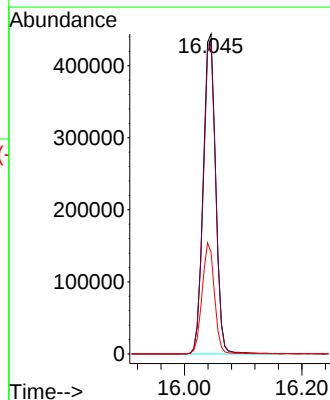
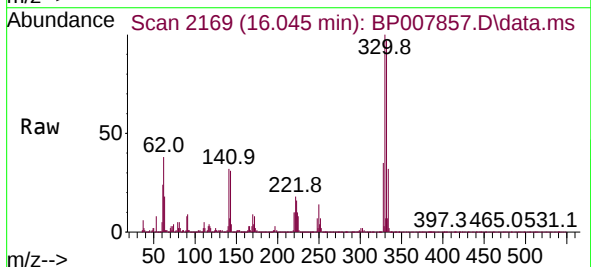
Instrument :
BNA_P
ClientSampleId :
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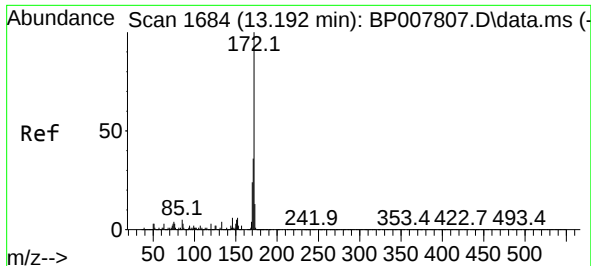
Tgt Ion:164 Resp: 418170
Ion Ratio Lower Upper
164 100
162 101.2 81.1 121.7
160 43.0 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 109.818 ng
RT: 16.045 min Scan# 2169
Delta R.T. -0.012 min
Lab File: BP007857.D
Acq: 04 Nov 2021 20:17

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

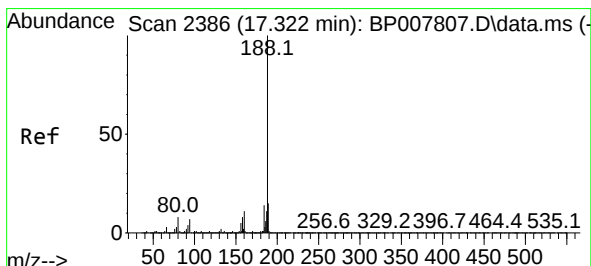
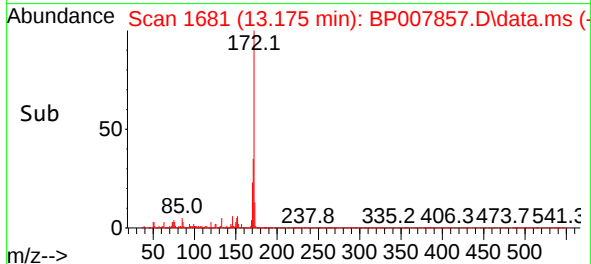
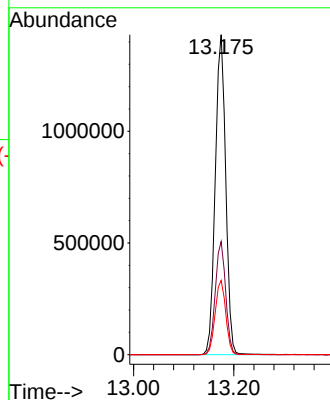
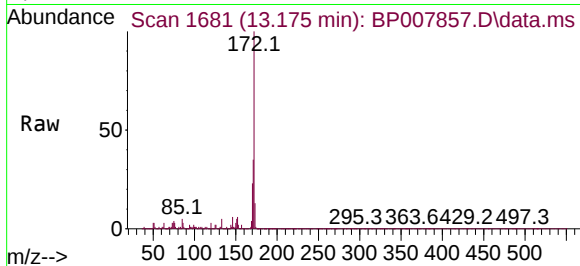




#45
2-Fluorobiphenyl
Concen: 72.161 ng
RT: 13.175 min Scan# 1681
Delta R.T. -0.018 min
Lab File: BP007857.D
Acq: 04 Nov 2021 20:17

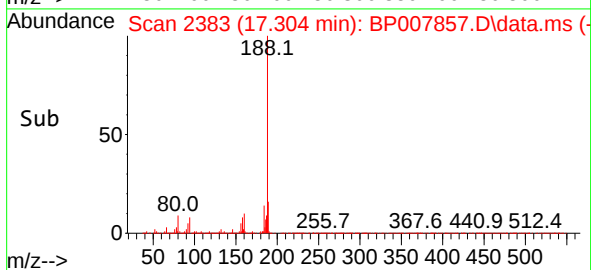
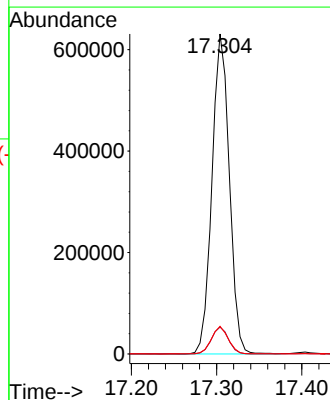
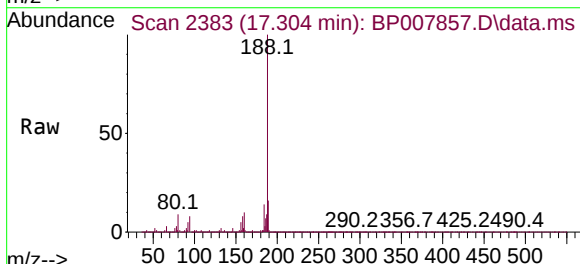
Instrument :
BNA_P
ClientSampleId :
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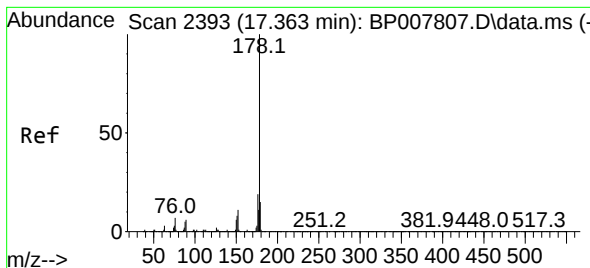
Tgt Ion:172 Resp: 2072101
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.2 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 2383
Delta R.T. -0.018 min
Lab File: BP007857.D
Acq: 04 Nov 2021 20:17

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# 21

Delta R.T. -0.018 min

Lab File: BP007857.D

Acq: 04 Nov 2021 20:17

Instrument :

BNA_P

ClientSampleId :

346

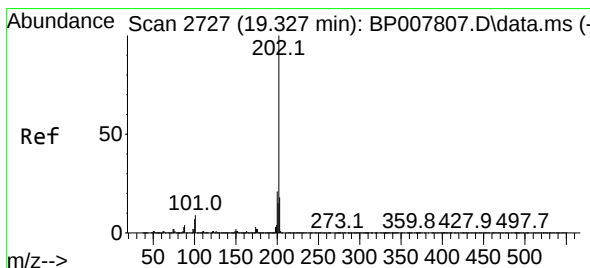
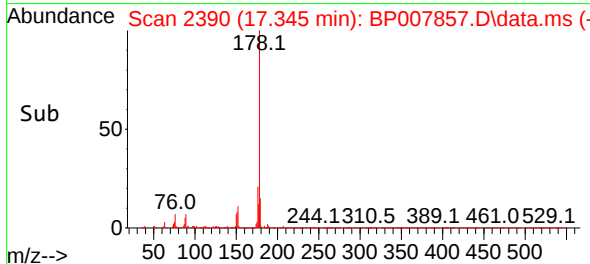
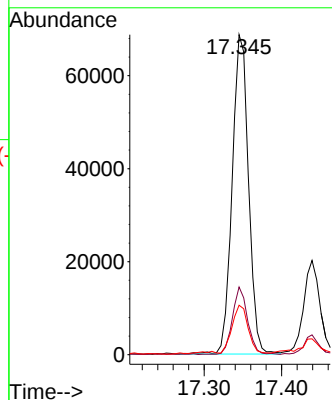
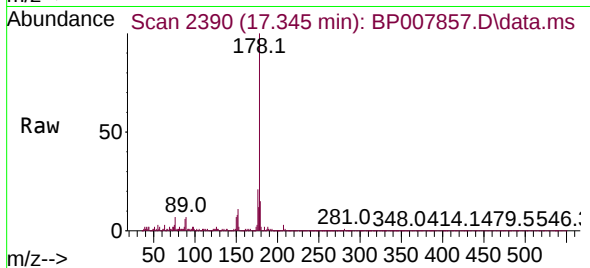
Tgt Ion:178 Resp: 100673

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# 2725

Delta R.T. -0.012 min

Lab File: BP007857.D

Acq: 04 Nov 2021 20:17

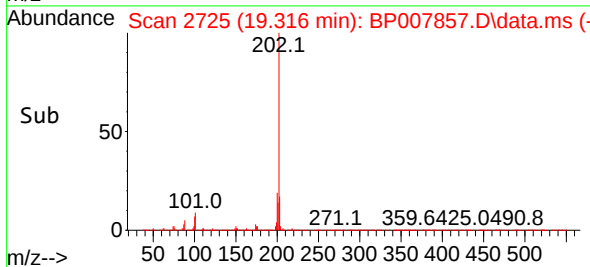
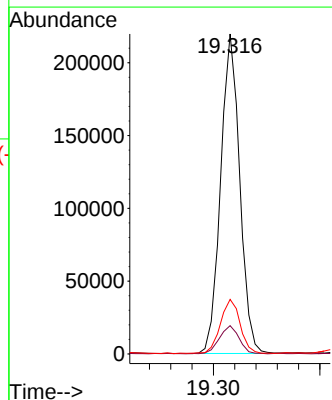
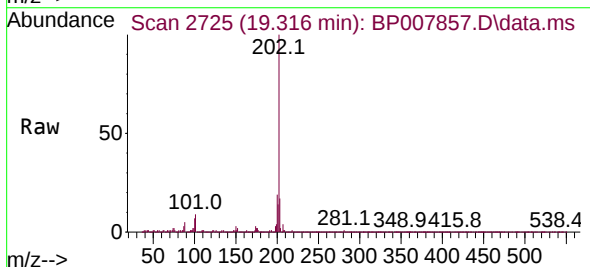
Tgt Ion:202 Resp: 272467

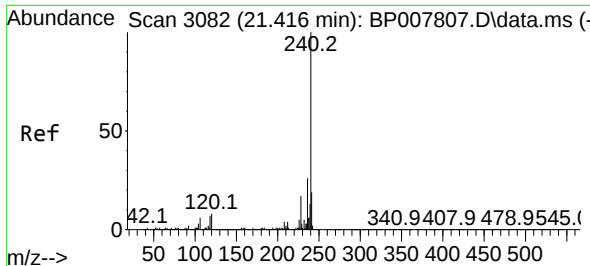
Ion Ratio Lower Upper

202 100

101 8.8 0.0 30.4

203 17.1 0.0 37.6

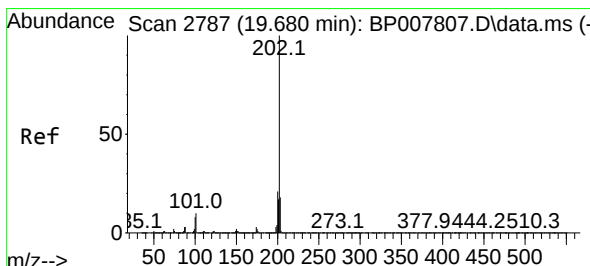
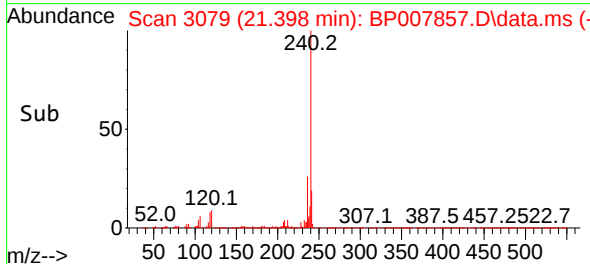
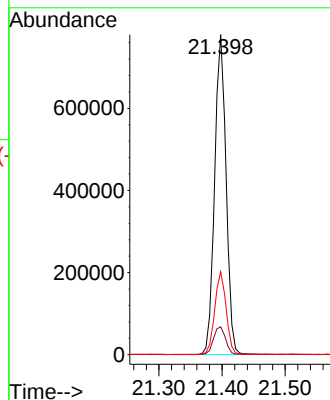
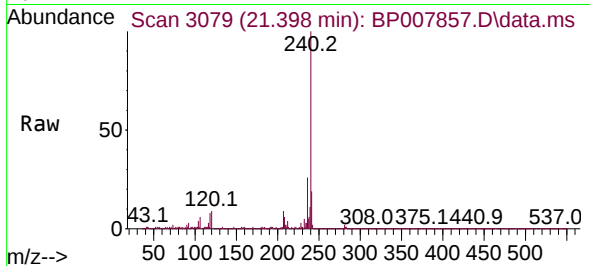




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3082
Delta R.T. -0.018 min
Lab File: BP007857.D
Acq: 04 Nov 2021 20:17

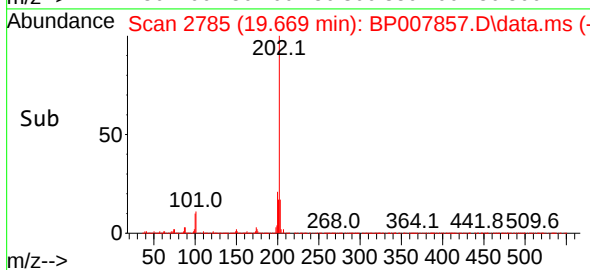
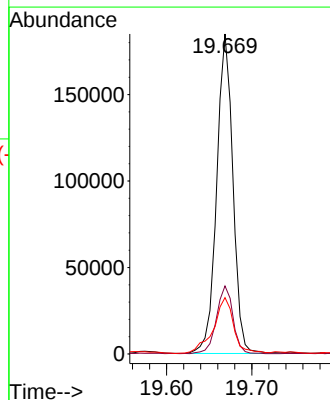
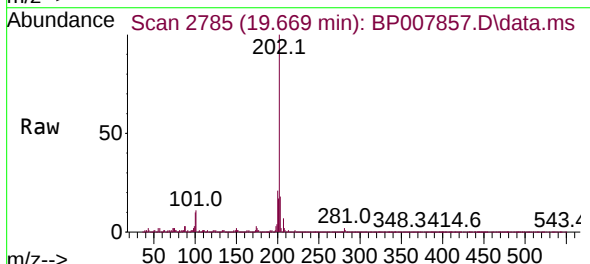
Instrument :
BNA_P
ClientSampleId :
346

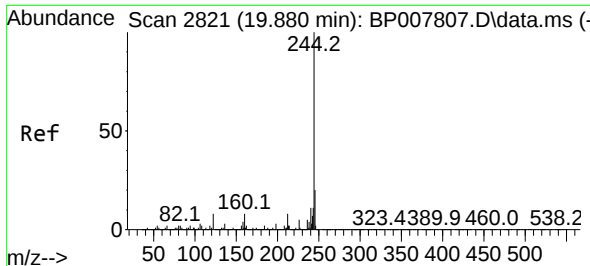
Tgt Ion:240 Resp: 979503
Ion Ratio Lower Upper
240 100
120 8.7 7.8 11.8
236 25.9 20.6 30.8



#78
Pyrene
Concen: 4.075 ng
RT: 19.669 min Scan# 2785
Delta R.T. -0.012 min
Lab File: BP007857.D
Acq: 04 Nov 2021 20:17

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

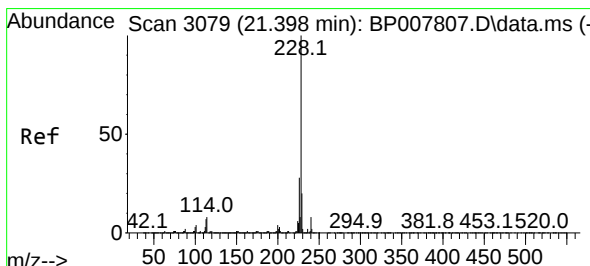
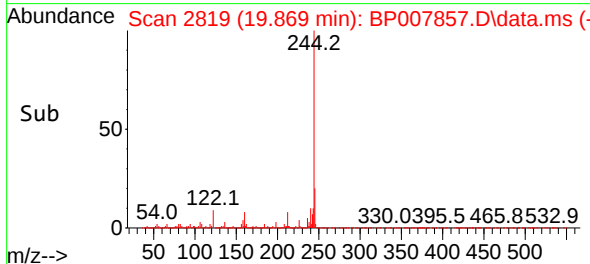
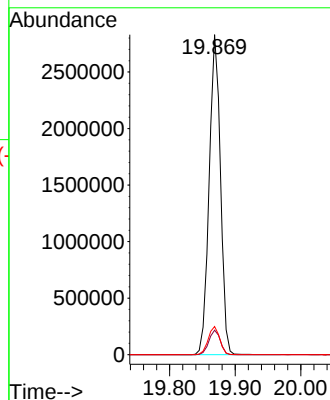
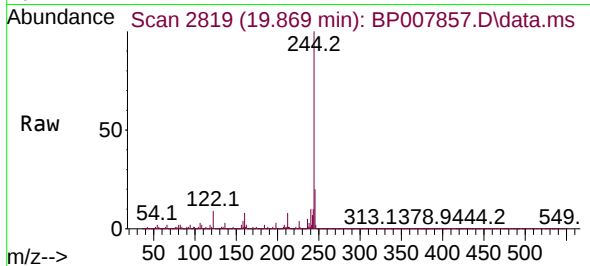




#79
 Terphenyl-d14
 Concen: 70.511 ng
 RT: 19.869 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP007857.D
 Acq: 04 Nov 2021 20:17

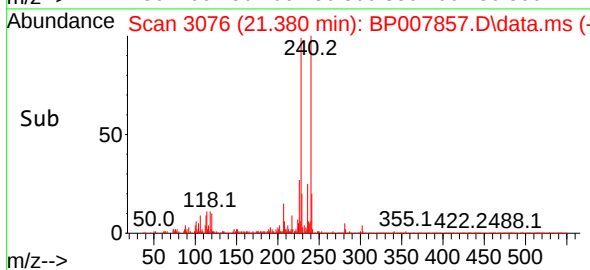
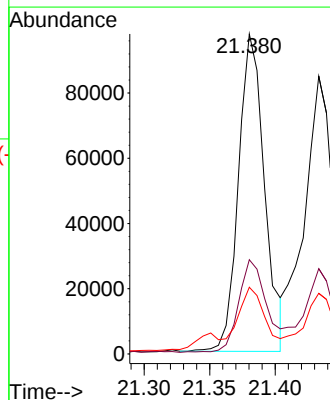
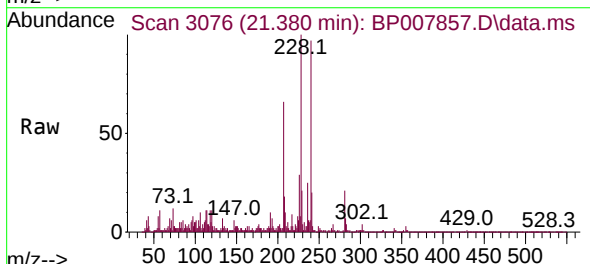
Instrument :
 BNA_P
 ClientSampleId :
 346

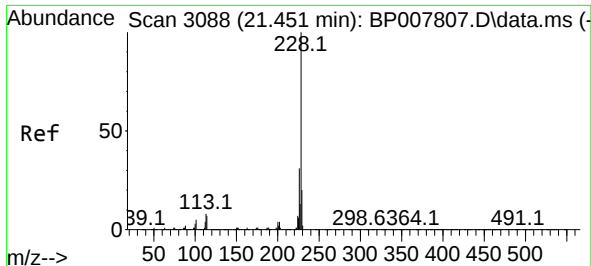
Tgt Ion:244 Resp: 3391727
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 8.8 7.8 11.8



#81
 Benzo(a)anthracene
 Concen: 2.088 ng
 RT: 21.380 min Scan# 3076
 Delta R.T. -0.018 min
 Lab File: BP007857.D
 Acq: 04 Nov 2021 20:17

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

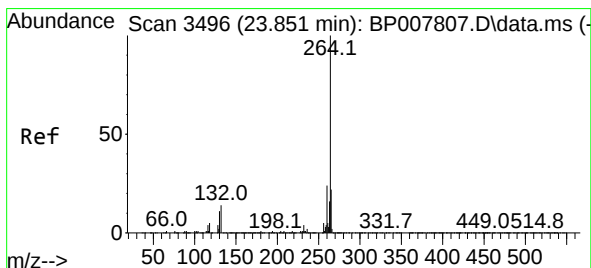
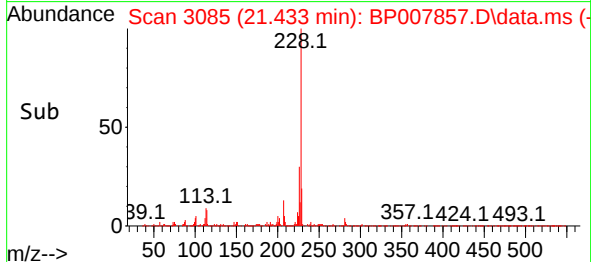
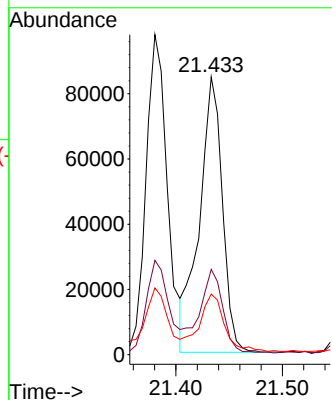
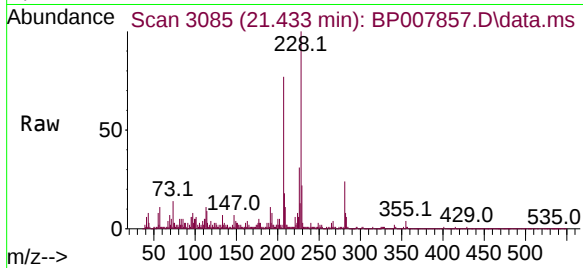




#83
Chrysene
Concen: 2.083 ng
RT: 21.433 min Scan# 3085
Delta R.T. -0.018 min
Lab File: BP007857.D
Acq: 04 Nov 2021 20:17

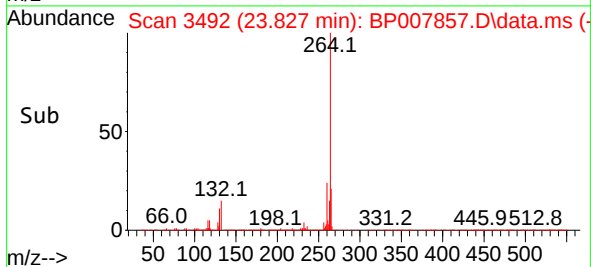
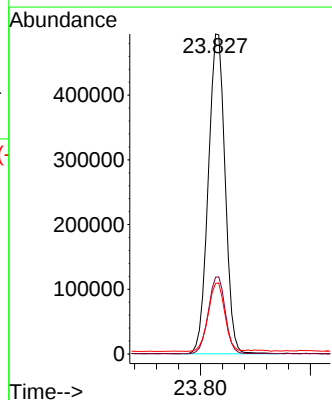
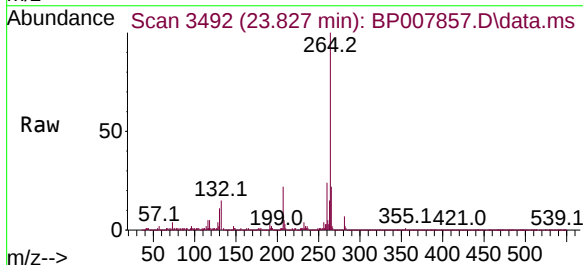
Instrument :
BNA_P
ClientSampleId :
346

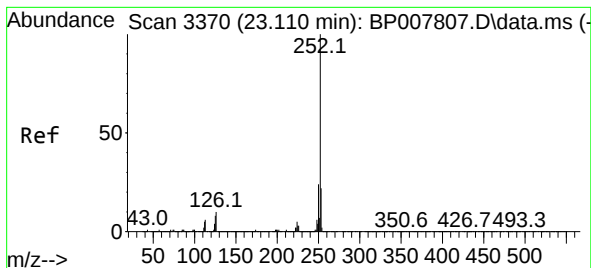
Tgt Ion:228 Resp: 127242
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 21.8 15.7 23.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.827 min Scan# 3492
Delta R.T. -0.024 min
Lab File: BP007857.D
Acq: 04 Nov 2021 20:17

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

Instrument :

BNA_P

ClientSampleId :

346

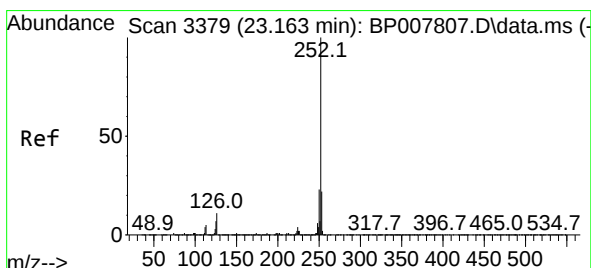
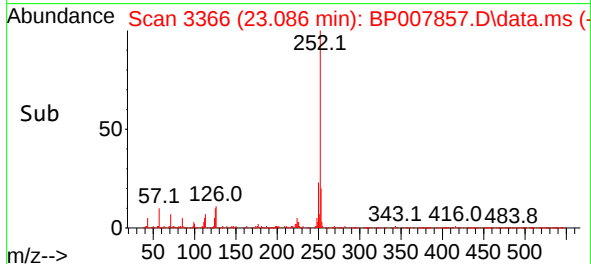
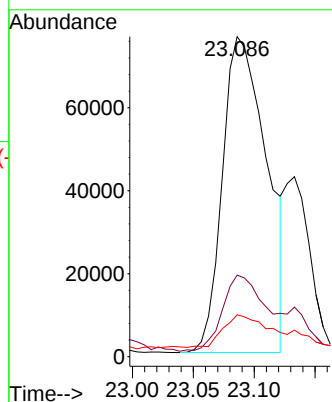
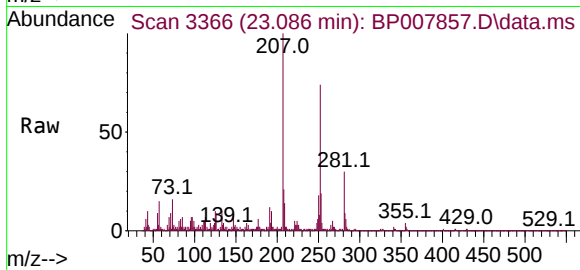
Tgt Ion:252 Resp: 192099

Ion Ratio Lower Upper

252 100

253 25.5 17.4 26.2

125 13.1 7.4 11.0#



#89

Benzo(k)fluoranthene

Concen: 3.139 ng

RT: 23.086 min Scan# 3366

Delta R.T. -0.077 min

Lab File: BP007857.D

Acq: 04 Nov 2021 20:17

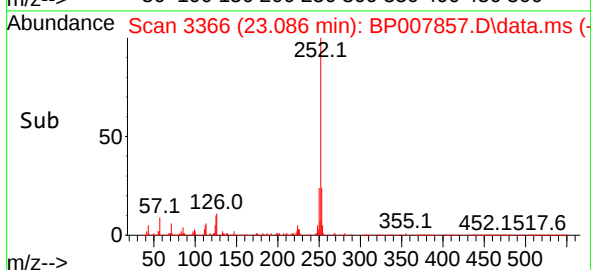
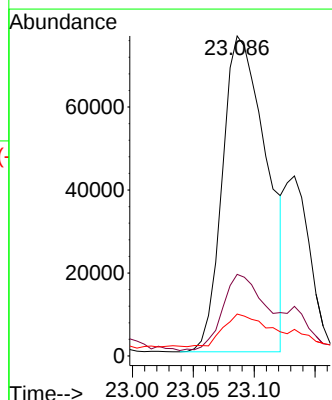
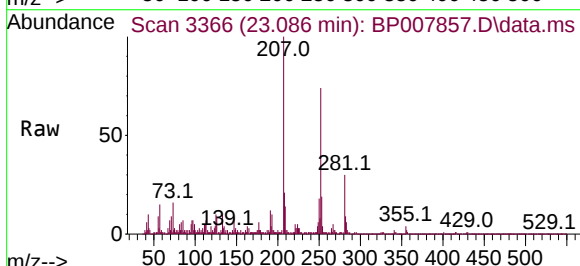
Tgt Ion:252 Resp: 192099

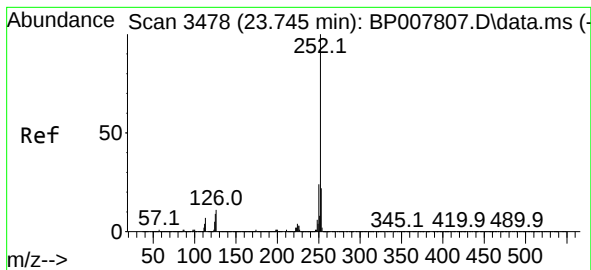
Ion Ratio Lower Upper

252 100

253 25.5 17.6 26.4

125 13.1 7.4 11.0#





#90

Benzo(a)pyrene

Concen: 2.562 ng

RT: 23.715 min Scan# 34

Delta R.T. -0.029 min

Lab File: BP007857.D

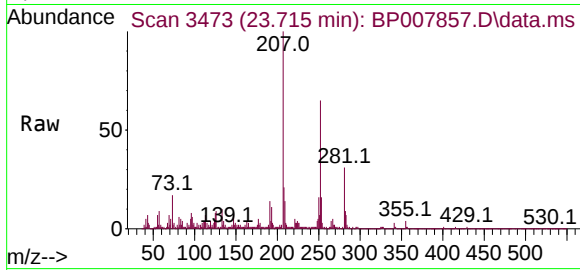
Acq: 04 Nov 2021 20:17

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

