

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010722\
 Data File : BP008736.D
 Acq On : 07 Jan 2022 20:42
 Operator : CG/JU
 Sample : N1067-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 124035

Quant Time: Jan 08 02:27:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 07 07:45:52 2022
 Response via : Initial Calibration

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

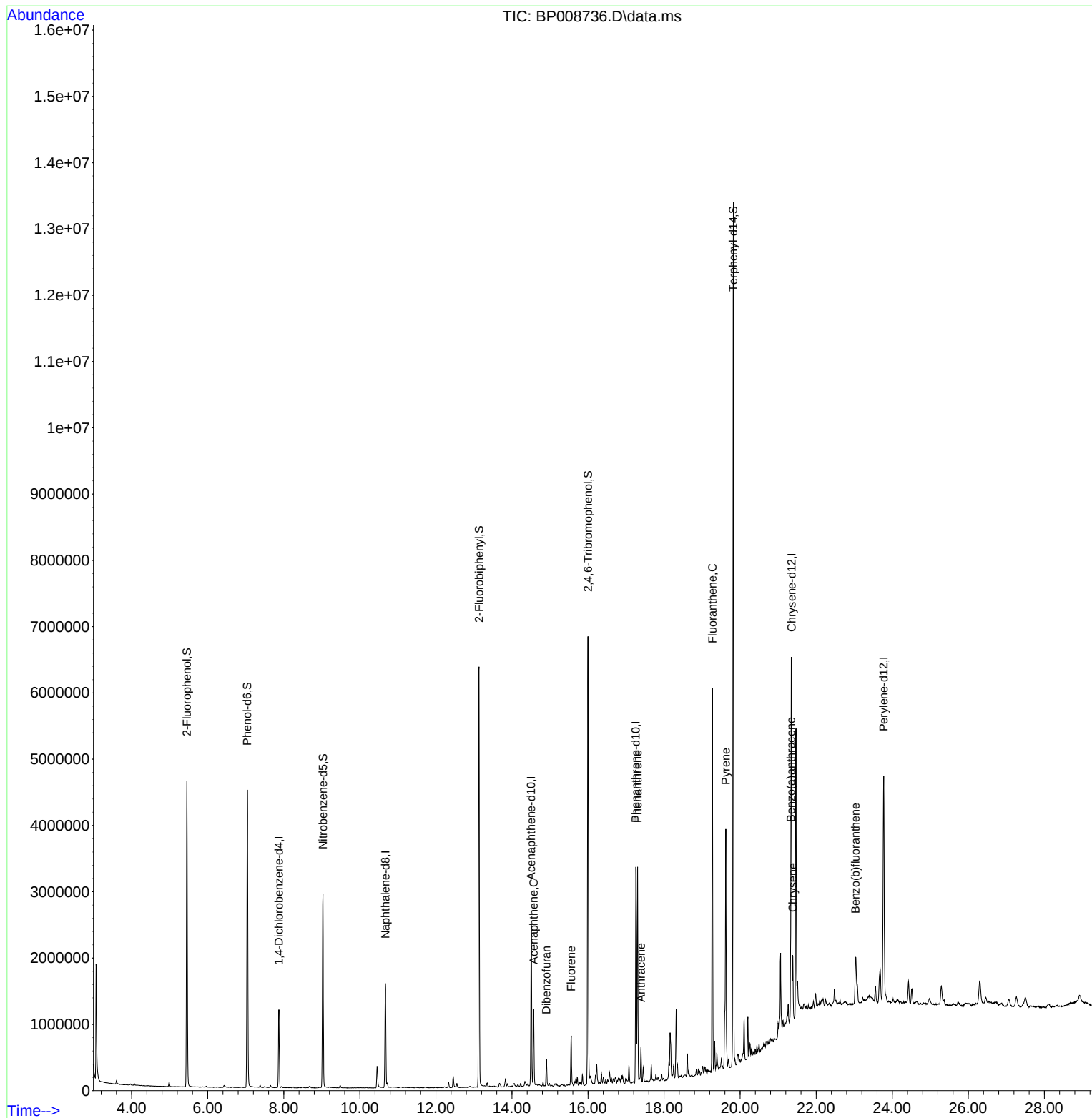
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	347093	20.000	ng	-0.01
21) Naphthalene-d8	10.669	136	1411582	20.000	ng	-0.01
39) Acenaphthene-d10	14.504	164	935231	20.000	ng	-0.01
64) Phenanthrene-d10	17.257	188	2112584	20.000	ng	-0.01
76) Chrysene-d12	21.351	240	2524954	20.000	ng	0.00
86) Perylene-d12	23.774	264	2621271	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	2299235	103.734	ng	0.00
7) Phenol-d6	7.040	99	2885202	96.966	ng	-0.01
23) Nitrobenzene-d5	9.028	82	1760204	70.620	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	1473323	93.376	ng	-0.01
45) 2-Fluorobiphenyl	13.134	172	3733152	56.119	ng	0.00
79) Terphenyl-d14	19.822	244	6161373	49.727	ng	0.00
Target Compounds						Qvalue
52) Acenaphthene	14.569	154	433661	8.145	ng	98
55) Dibenzofuran	14.904	168	281023	3.200	ng	97
58) Fluorene	15.557	166	380185	5.379	ng	99
71) Phenanthrene	17.304	178	2110834	17.983	ng	98
72) Anthracene	17.392	178	325188	2.713	ng	100
75) Fluoranthene	19.269	202	3327865	23.677	ng	97
78) Pyrene	19.622	202	2307715	13.978	ng	98
81) Benzo(a)anthracene	21.333	228	664618	4.012	ng	98
83) Chrysene	21.386	228	570282	3.569	ng	97
88) Benzo(b)fluoranthene	23.033	252	512904	2.995	ng #	96

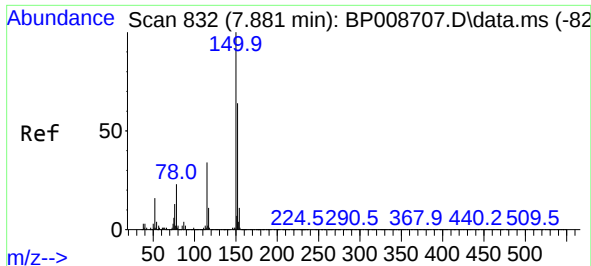
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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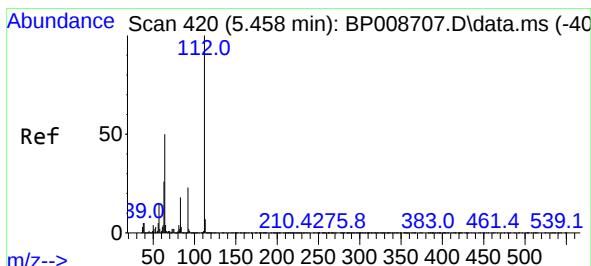
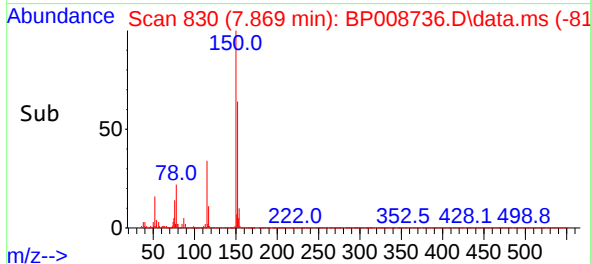
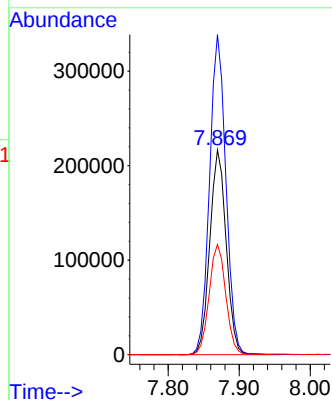
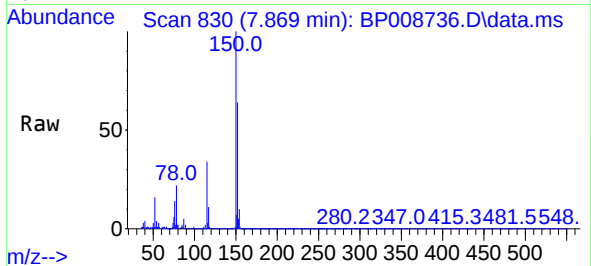




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP008736.D
Acq: 07 Jan 2022 20:42

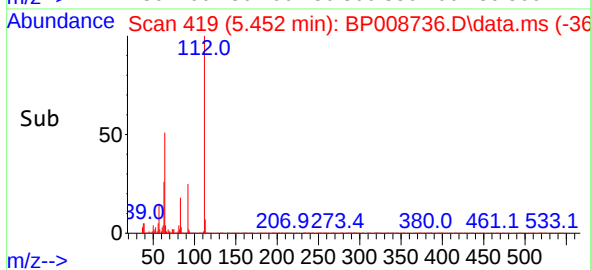
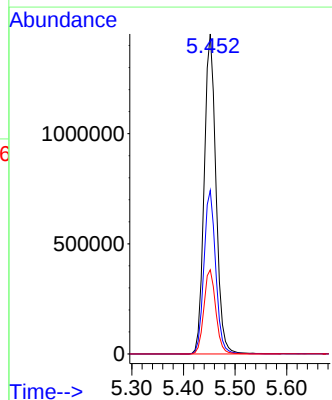
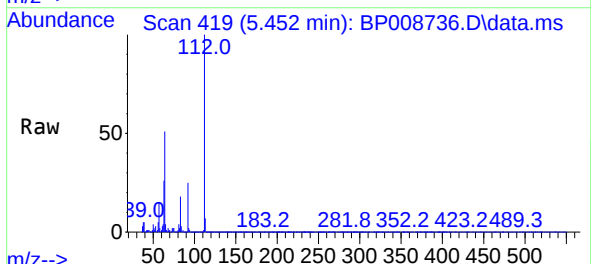
Instrument :
BNA_P
ClientSampleId :
124035

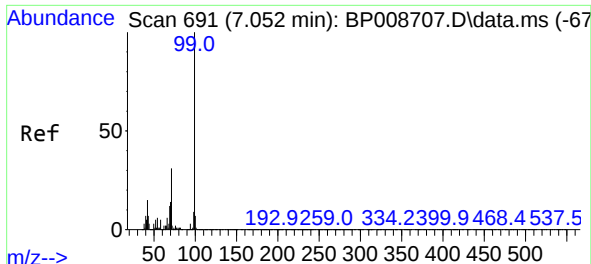
Tgt Ion:152 Resp: 347093
Ion Ratio Lower Upper
152 100
150 156.2 127.0 190.6
115 53.8 43.7 65.5



#5
2-Fluorophenol
Concen: 103.734 ng
RT: 5.452 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP008736.D
Acq: 07 Jan 2022 20:42

Tgt Ion:112 Resp: 2299235
Ion Ratio Lower Upper
112 100
64 51.1 39.7 59.5
63 26.3 20.0 30.0



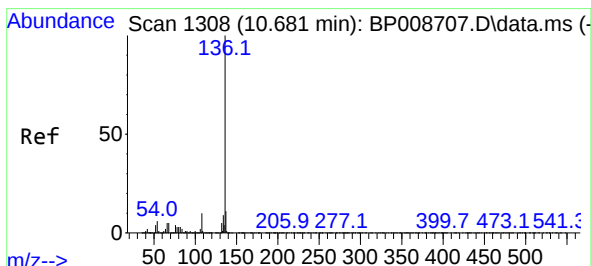
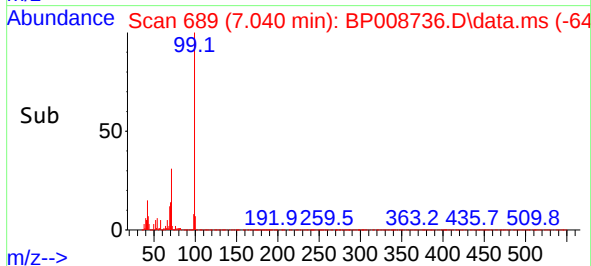
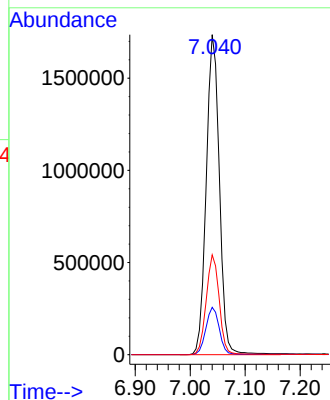
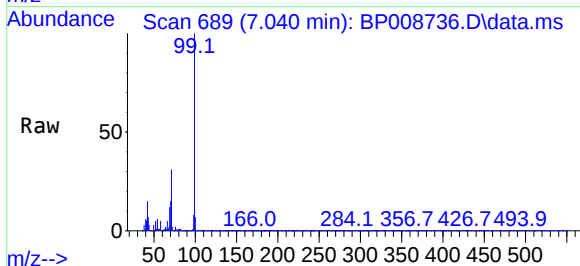


#7
Phenol-d6
Concen: 96.966 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008736.D
Acq: 07 Jan 2022 20:42

Instrument :
BNA_P
ClientSampleId :
124035

Tgt Ion: 99 Resp: 2885202

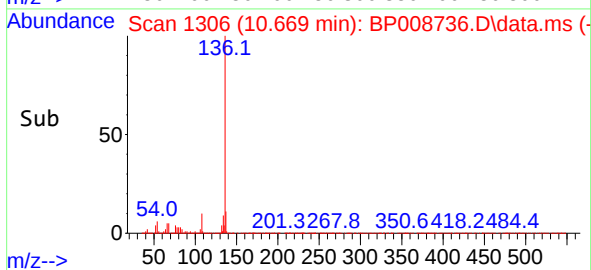
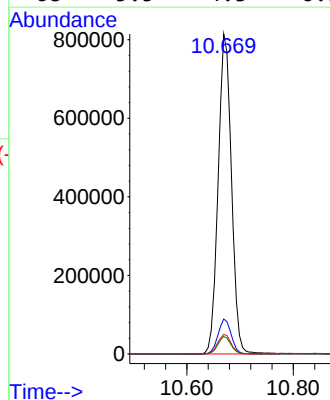
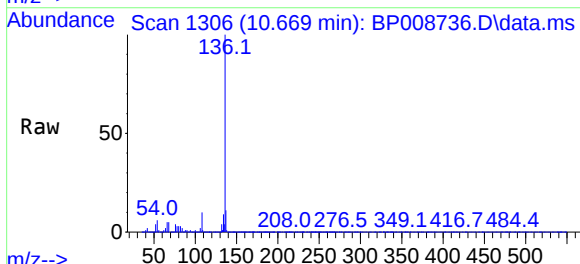
Ion	Ratio	Lower	Upper
99	100		
42	14.8	10.8	16.2
71	31.2	23.8	35.6

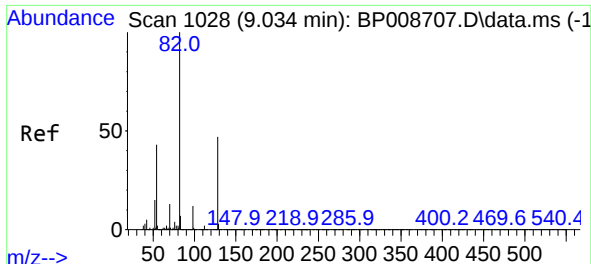


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1306
Delta R.T. -0.012 min
Lab File: BP008736.D
Acq: 07 Jan 2022 20:42

Tgt Ion: 136 Resp: 1411582

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.1	4.9	7.3
68	5.5	4.3	6.5



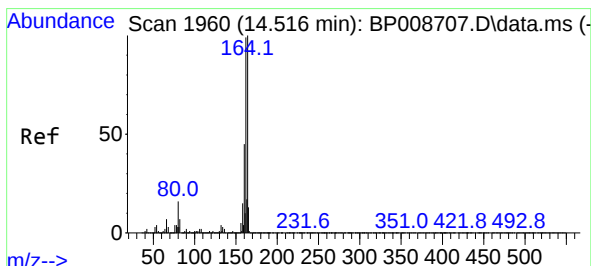
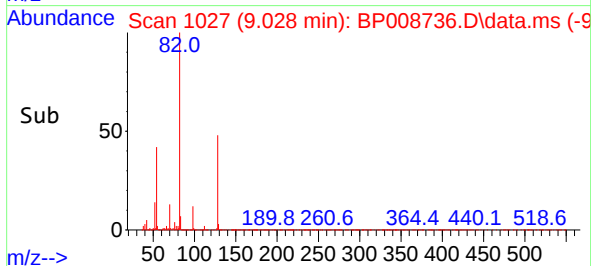
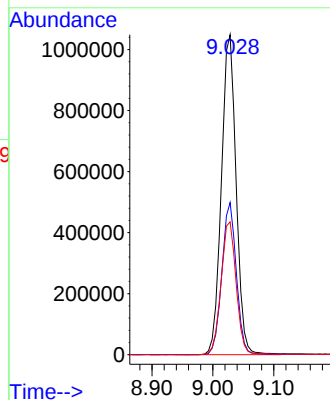
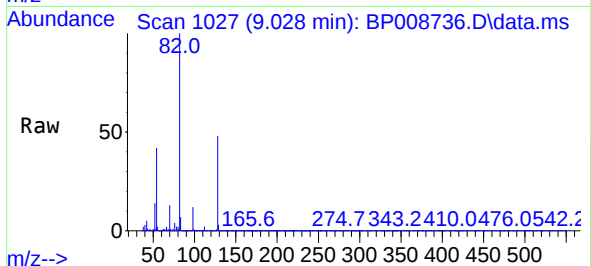


#23
Nitrobenzene-d5
Concen: 70.620 ng
RT: 9.028 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BP008736.D
Acq: 07 Jan 2022 20:42

Instrument :
BNA_P
ClientSampleId :
124035

Tgt Ion: 82 Resp: 1760204

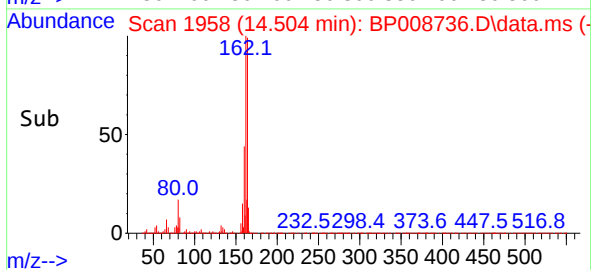
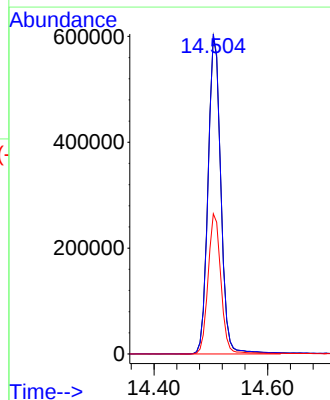
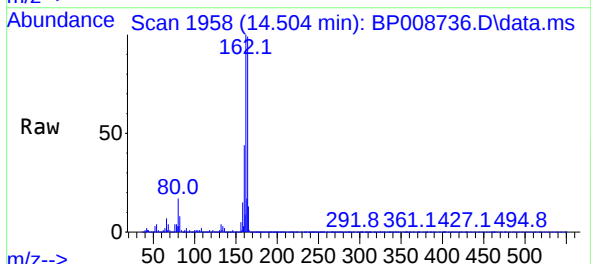
Ion	Ratio	Lower	Upper
82	100		
128	47.6	39.4	59.2
54	41.5	32.6	48.8

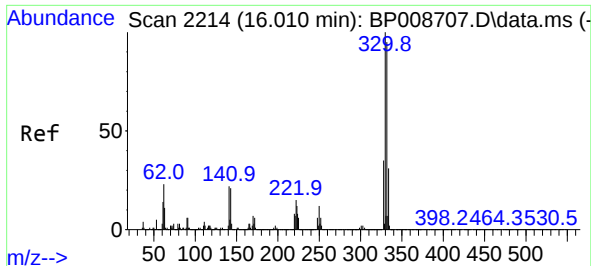


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP008736.D
Acq: 07 Jan 2022 20:42

Tgt Ion: 164 Resp: 935231

Ion	Ratio	Lower	Upper
164	100		
162	100.8	79.9	119.9
160	44.1	35.5	53.3

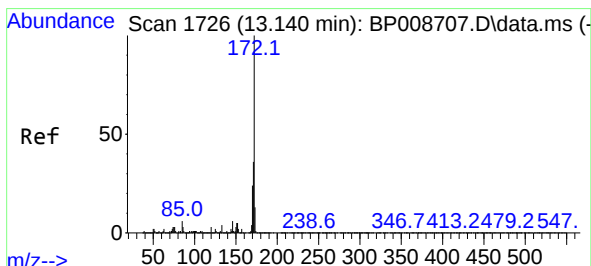
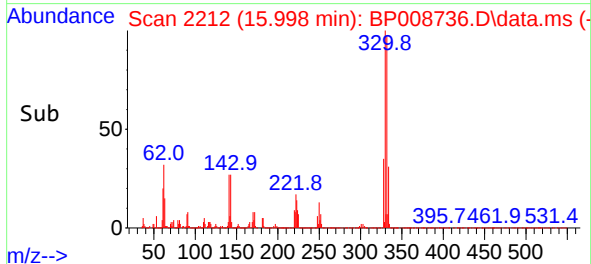
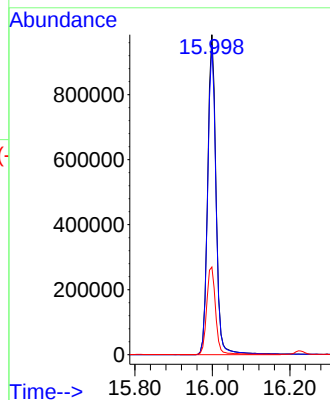
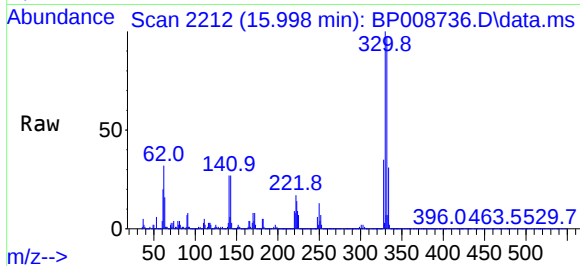




#42
2,4,6-Tribromophenol
Concen: 93.376 ng
RT: 15.998 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008736.D
Acq: 07 Jan 2022 20:42

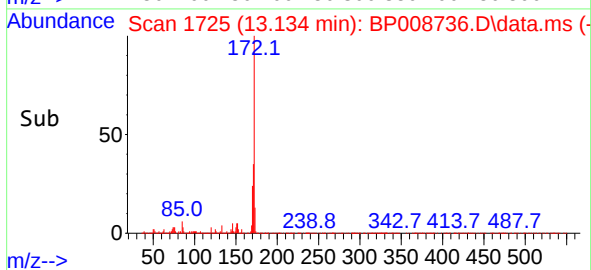
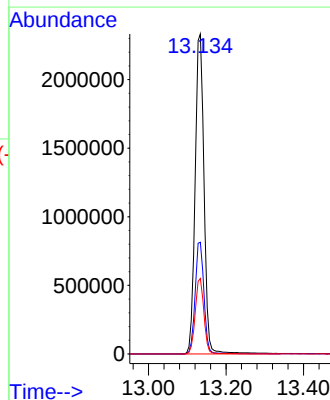
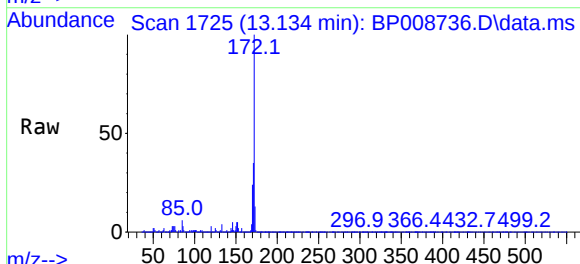
Instrument :
BNA_P
ClientSampleId :
124035

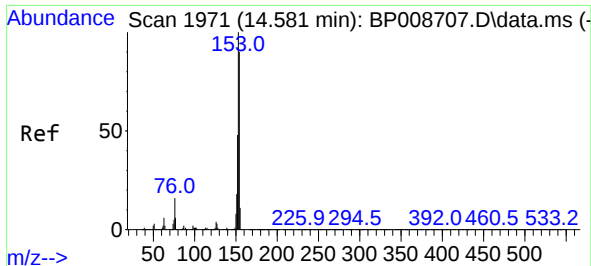
Tgt Ion:330 Resp: 1473323
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.4
141 29.4 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 56.119 ng
RT: 13.134 min Scan# 1725
Delta R.T. -0.006 min
Lab File: BP008736.D
Acq: 07 Jan 2022 20:42

Tgt Ion:172 Resp: 3733152
Ion Ratio Lower Upper
172 100
171 34.9 29.3 43.9
170 23.6 19.5 29.3

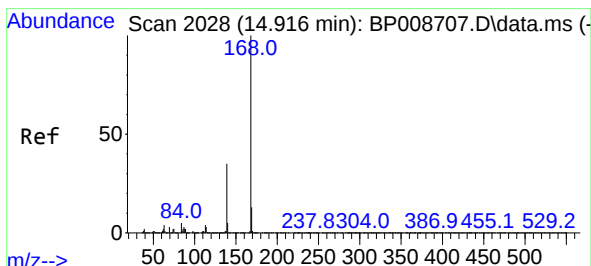
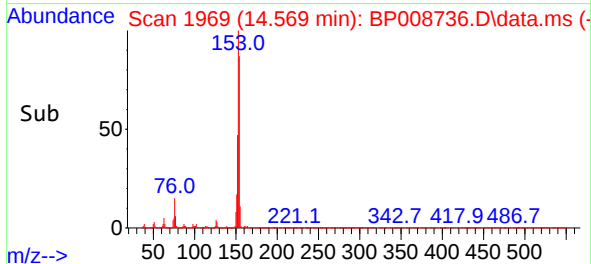
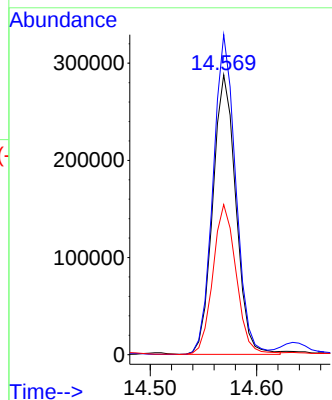
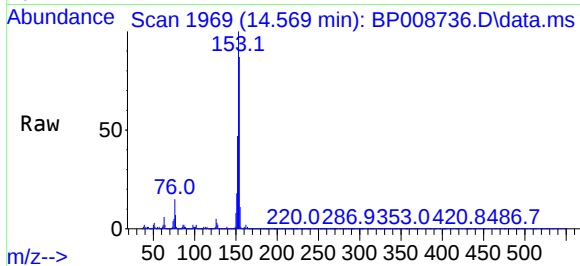




#52
Acenaphthene
Concen: 8.145 ng
RT: 14.569 min Scan# 1969
Delta R.T. -0.012 min
Lab File: BP008736.D
Acq: 07 Jan 2022 20:42

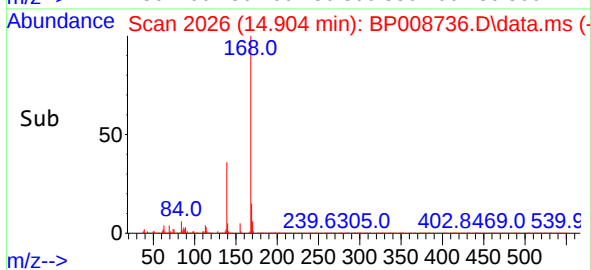
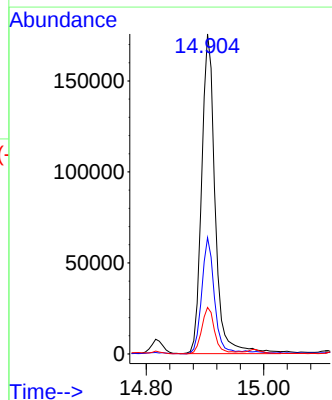
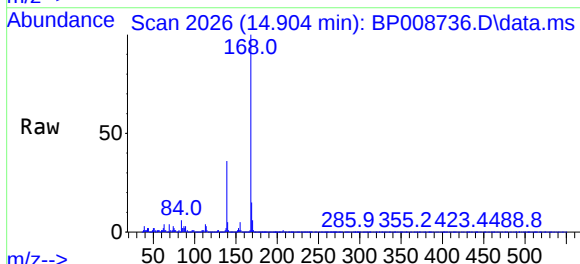
Instrument :
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ClientSampleId :
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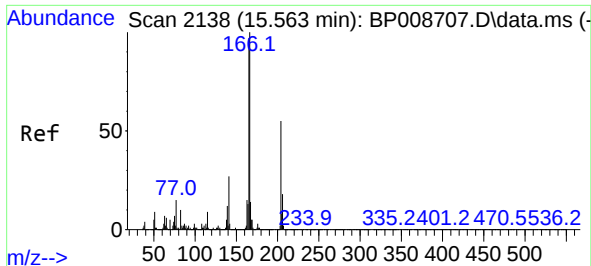
Tgt Ion:154 Resp: 433661
Ion Ratio Lower Upper
154 100
153 114.3 89.4 134.2
152 53.6 42.6 63.8



#55
Dibenzofuran
Concen: 3.200 ng
RT: 14.904 min Scan# 2026
Delta R.T. -0.012 min
Lab File: BP008736.D
Acq: 07 Jan 2022 20:42

Tgt Ion:168 Resp: 281023
Ion Ratio Lower Upper
168 100
139 36.3 27.4 41.0
169 14.5 10.9 16.3

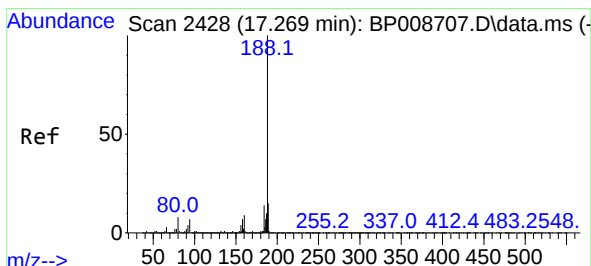
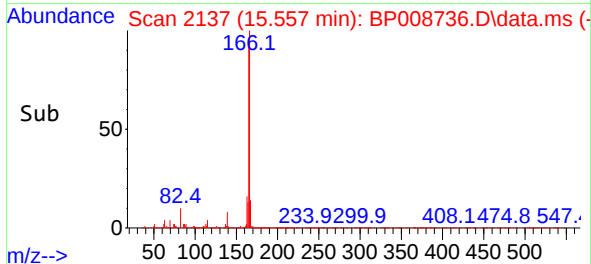
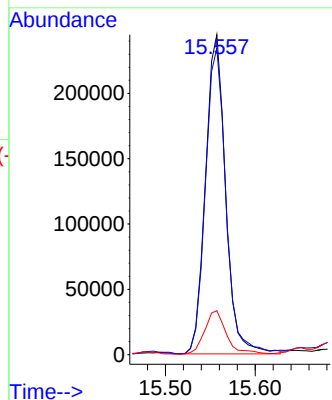
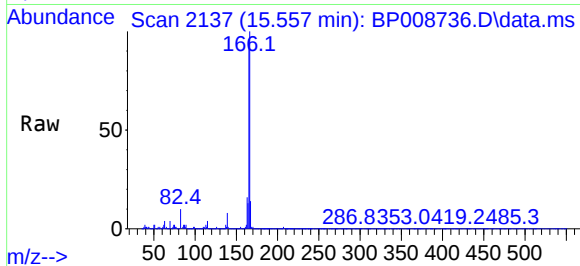




#58
Fluorene
Concen: 5.379 ng
RT: 15.557 min Scan# 2138
Delta R.T. -0.006 min
Lab File: BP008736.D
Acq: 07 Jan 2022 20:42

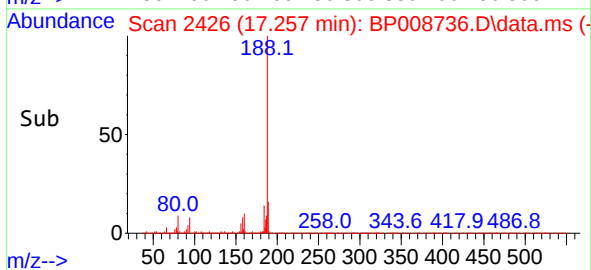
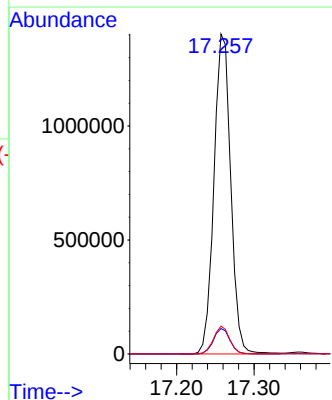
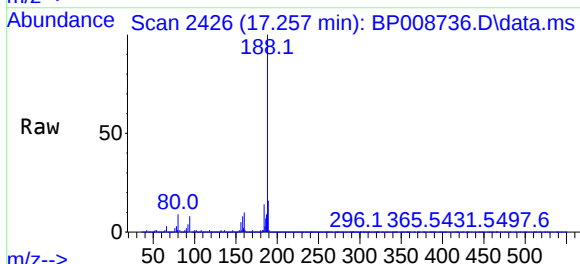
Instrument :
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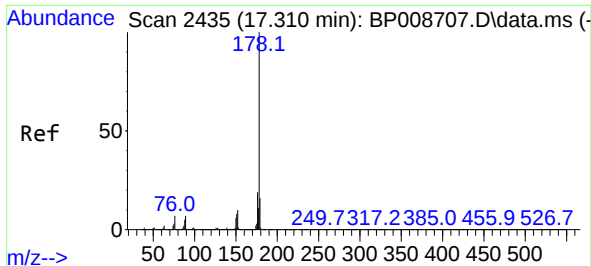
Tgt Ion:166 Resp: 380185
Ion Ratio Lower Upper
166 100
165 95.8 77.2 115.8
167 13.7 11.2 16.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.012 min
Lab File: BP008736.D
Acq: 07 Jan 2022 20:42

Tgt Ion:188 Resp: 2112584
Ion Ratio Lower Upper
188 100
94 7.9 6.8 10.2
80 8.7 7.2 10.8

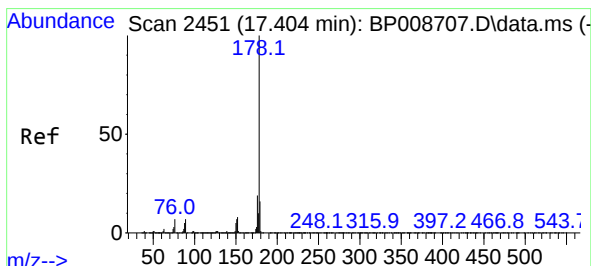
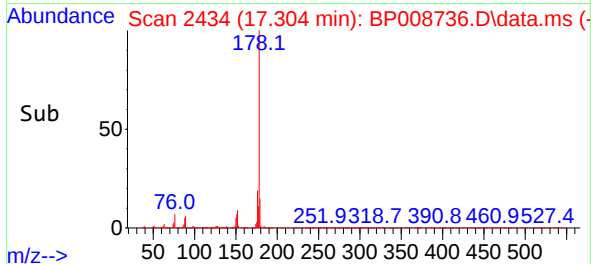
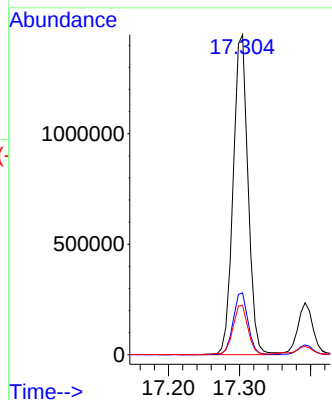
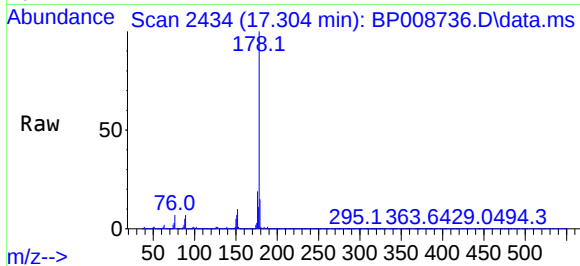




#71
Phenanthrene
Concen: 17.983 ng
RT: 17.304 min Scan# 2449
Delta R.T. -0.006 min
Lab File: BP008736.D
Acq: 07 Jan 2022 20:42

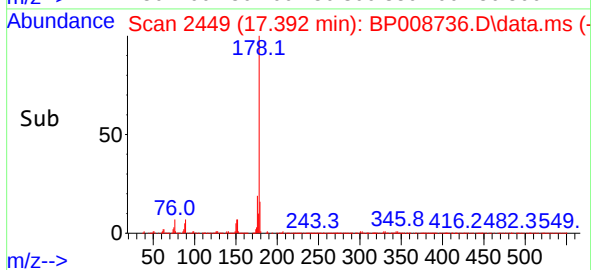
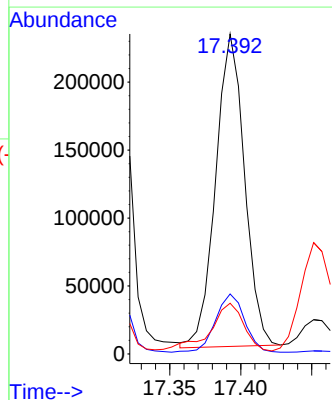
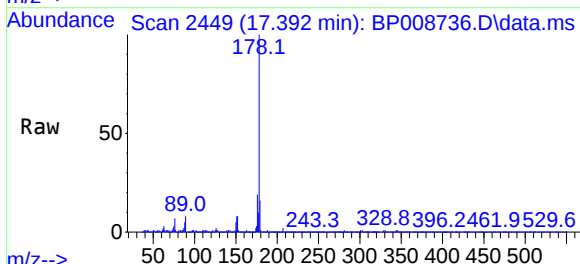
Instrument :
BNA_P
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124035

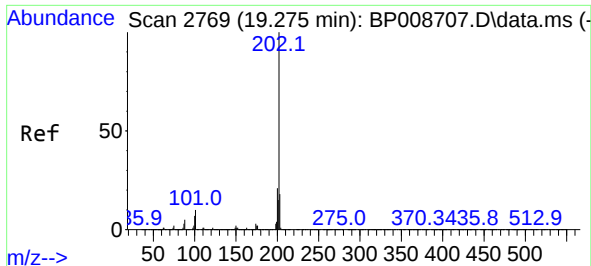
Tgt Ion:178 Resp: 2110834
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 15.5 13.0 19.4



#72
Anthracene
Concen: 2.713 ng
RT: 17.392 min Scan# 2449
Delta R.T. -0.012 min
Lab File: BP008736.D
Acq: 07 Jan 2022 20:42

Tgt Ion:178 Resp: 325188
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.9 12.8 19.2

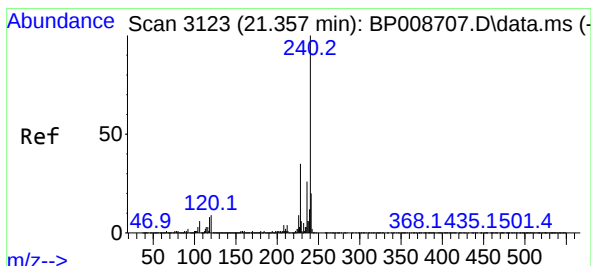
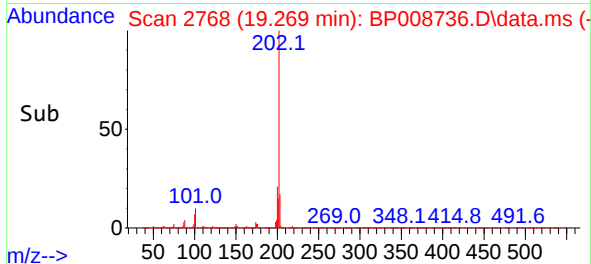
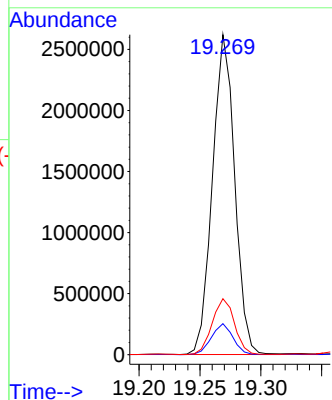
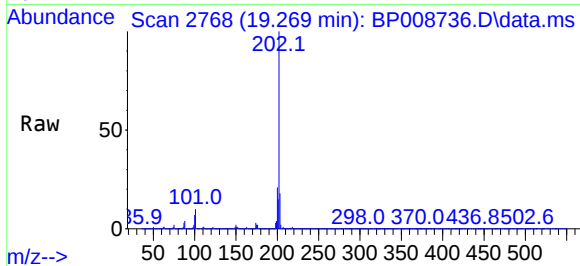




#75
Fluoranthene
Concen: 23.677 ng
RT: 19.269 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008736.D
Acq: 07 Jan 2022 20:42

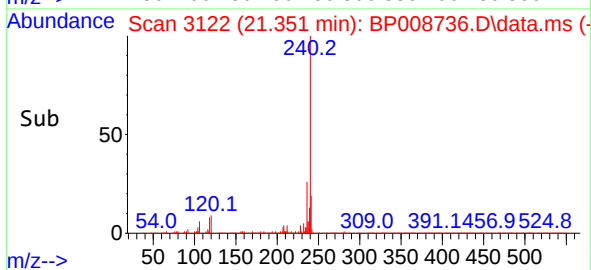
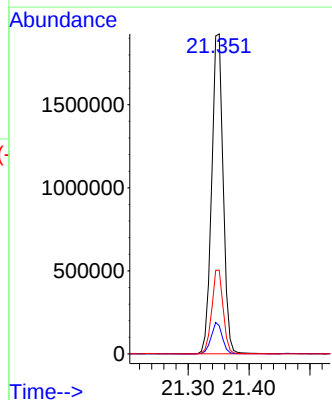
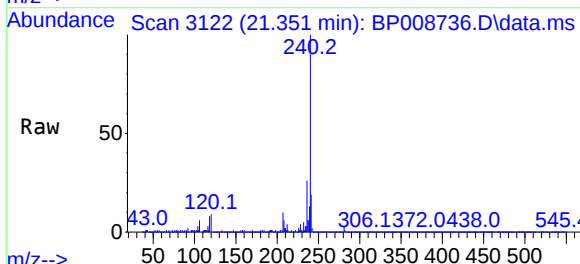
Instrument :
BNA_P
ClientSampleId :
124035

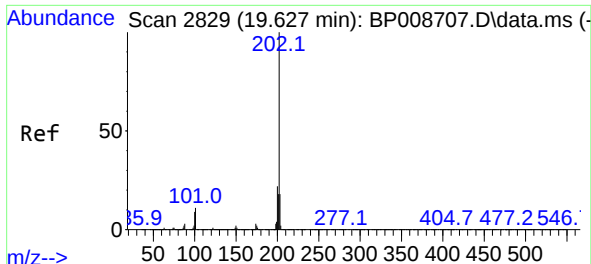
Tgt Ion:202 Resp: 3327865
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.7
203 17.5 0.0 38.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BP008736.D
Acq: 07 Jan 2022 20:42

Tgt Ion:240 Resp: 2524954
Ion Ratio Lower Upper
240 100
120 8.8 7.7 11.5
236 26.2 21.2 31.8

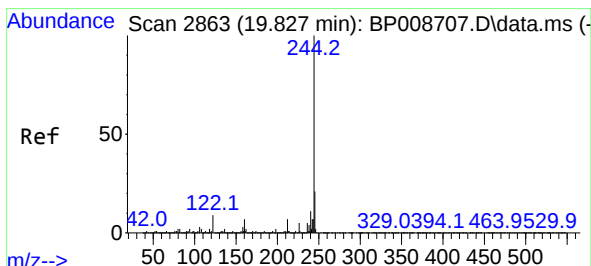
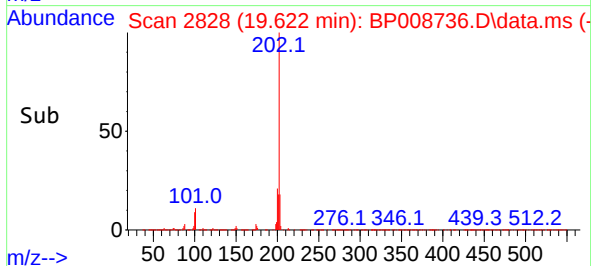
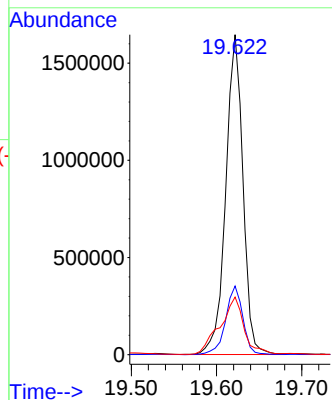
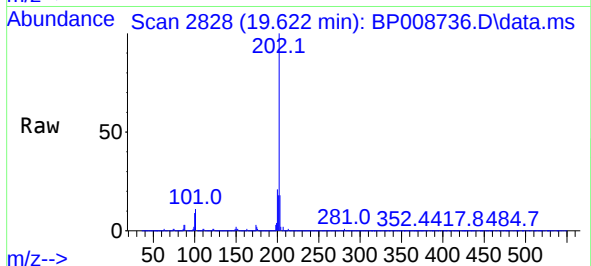




#78
Pyrene
Concen: 13.978 ng
RT: 19.622 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BP008736.D
Acq: 07 Jan 2022 20:42

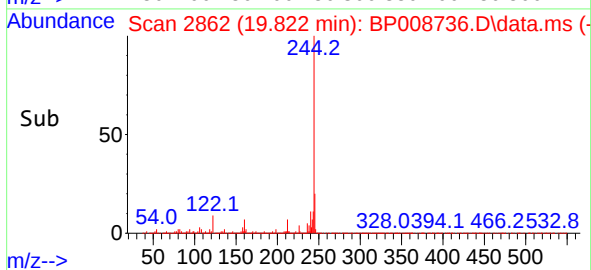
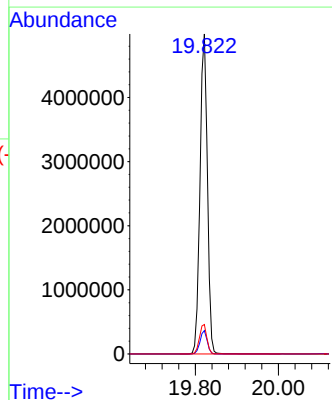
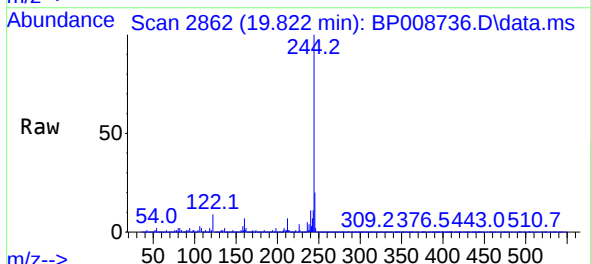
Instrument :
BNA_P
ClientSampleId :
124035

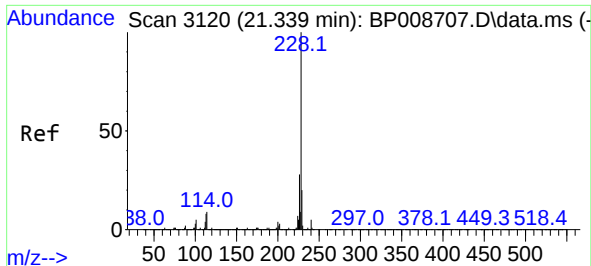
Tgt Ion:202 Resp: 2307715
Ion Ratio Lower Upper
202 100
200 21.4 18.0 27.0
203 18.0 15.0 22.6



#79
Terphenyl-d14
Concen: 49.727 ng
RT: 19.822 min Scan# 2862
Delta R.T. -0.006 min
Lab File: BP008736.D
Acq: 07 Jan 2022 20:42

Tgt Ion:244 Resp: 6161373
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 9.2 9.2 13.8

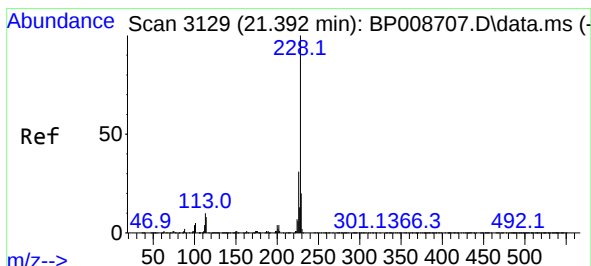
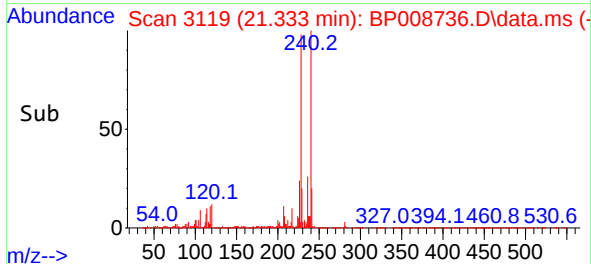
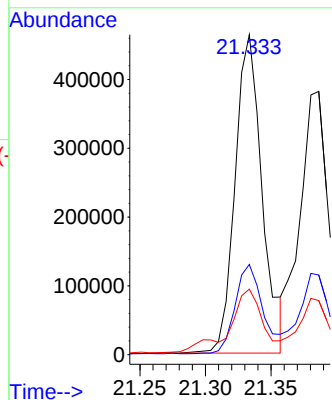
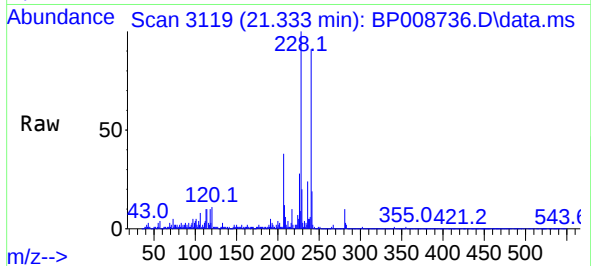




#81
Benzo(a)anthracene
Concen: 4.012 ng
RT: 21.333 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP008736.D
Acq: 07 Jan 2022 20:42

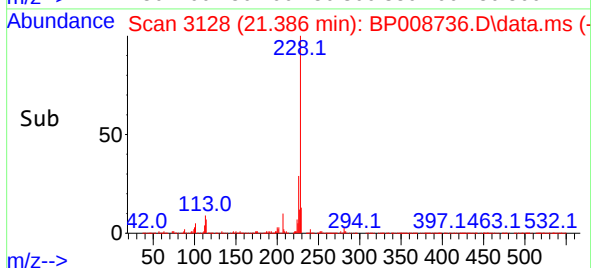
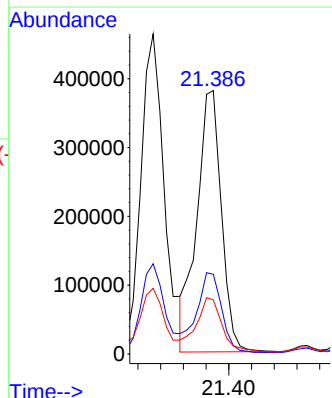
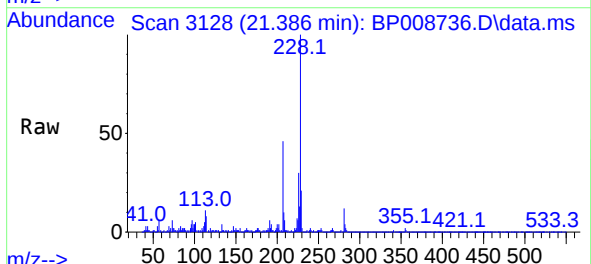
Instrument :
BNA_P
ClientSampleId :
124035

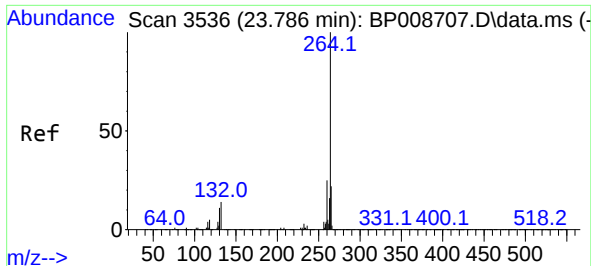
Tgt Ion:228 Resp: 664618
Ion Ratio Lower Upper
228 100
226 28.2 23.3 34.9
229 20.5 17.0 25.6



#83
Chrysene
Concen: 3.569 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BP008736.D
Acq: 07 Jan 2022 20:42

Tgt Ion:228 Resp: 570282
Ion Ratio Lower Upper
228 100
226 30.2 26.0 39.0
229 20.6 16.9 25.3



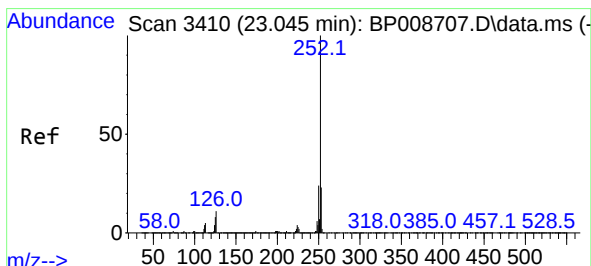
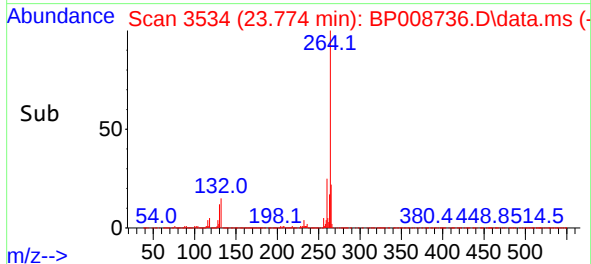
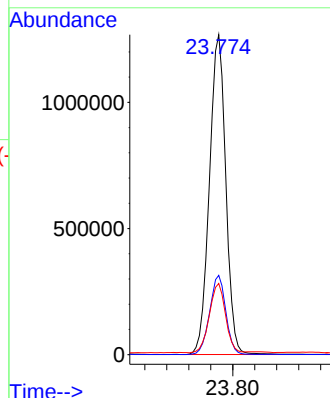
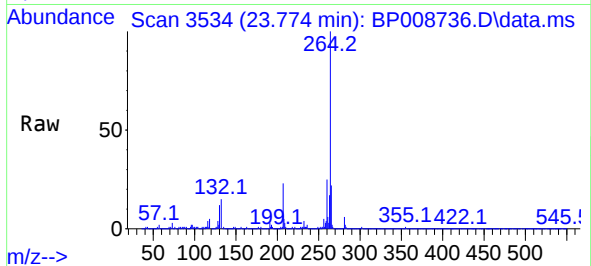


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.774 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP008736.D
Acq: 07 Jan 2022 20:42

Instrument :
BNA_P
ClientSampleId :
124035

Tgt Ion:264 Resp: 2621271

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.1	28.7
265	22.2	17.1	25.7



#88
Benzo(b)fluoranthene
Concen: 2.995 ng
RT: 23.033 min Scan# 3408
Delta R.T. -0.012 min
Lab File: BP008736.D
Acq: 07 Jan 2022 20:42

Tgt Ion:252 Resp: 512904

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	12.2	6.9	10.3

