

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010722\
 Data File : BP008735.D
 Acq On : 07 Jan 2022 20:09
 Operator : CG/JU
 Sample : N1065-30
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 AMI-8

Quant Time: Jan 08 02:26:51 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)

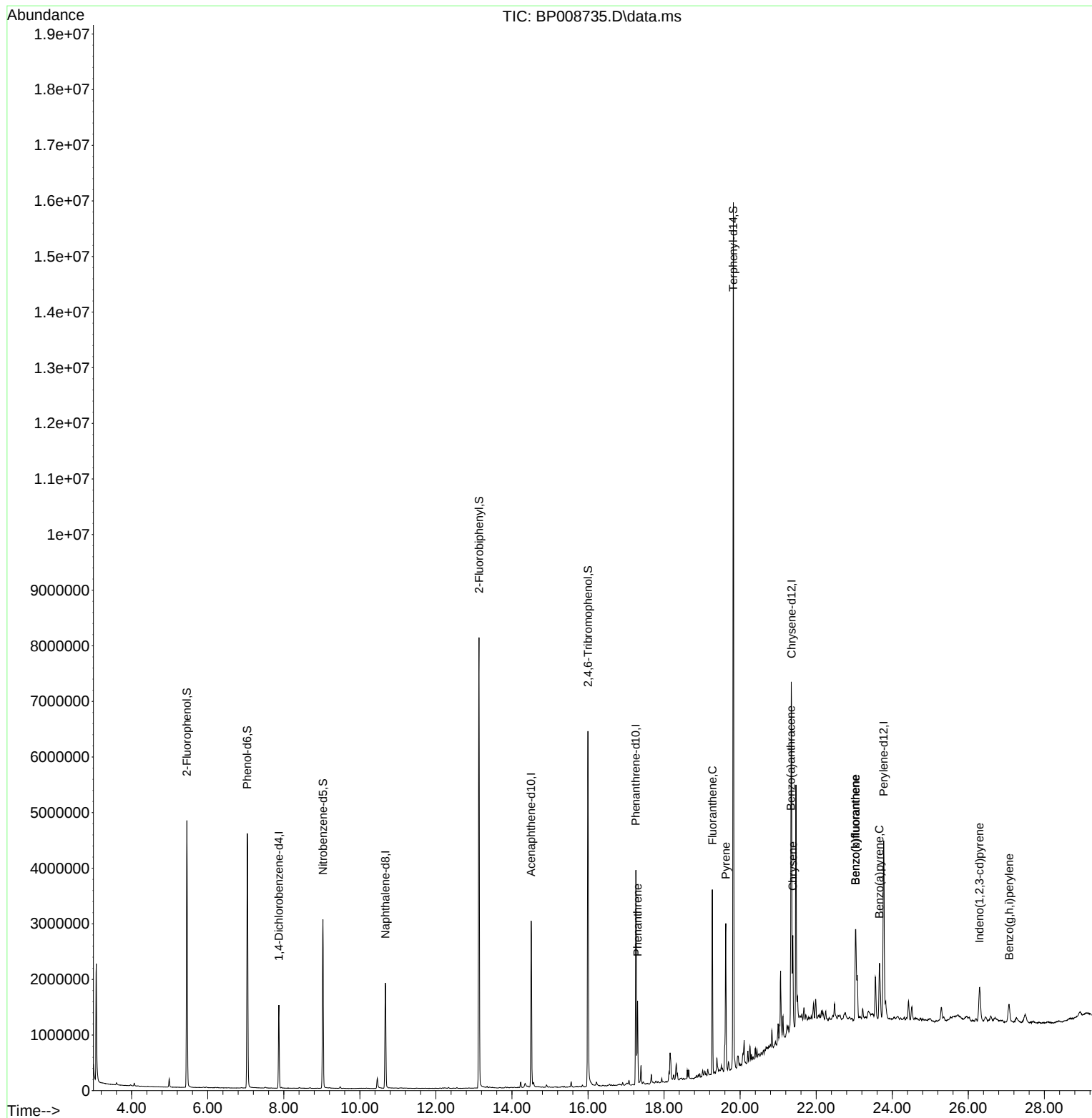
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	439311	20.000	ng	-0.01
21) Naphthalene-d8	10.669	136	1740034	20.000	ng	-0.01
39) Acenaphthene-d10	14.504	164	1136655	20.000	ng	-0.01
64) Phenanthrene-d10	17.257	188	2506645	20.000	ng	-0.01
76) Chrysene-d12	21.351	240	2758510	20.000	ng	0.00
86) Perylene-d12	23.774	264	2550979	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	2338113	83.344	ng	0.00
7) Phenol-d6	7.040	99	2937369	77.996	ng	-0.01
23) Nitrobenzene-d5	9.028	82	1830510	59.578	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	1448620	75.541	ng	-0.01
45) 2-Fluorobiphenyl	13.134	172	4574477	56.580	ng	0.00
79) Terphenyl-d14	19.822	244	7481788	55.272	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.304	178	979961	7.036	ng	97
75) Fluoranthene	19.269	202	1944084	11.657	ng	97
78) Pyrene	19.622	202	1693120	9.387	ng	97
81) Benzo(a)anthracene	21.333	228	1028991	5.686	ng	99
83) Chrysene	21.386	228	1027466	5.886	ng	97
87) Indeno(1,2,3-cd)pyrene	26.292	276	519249	2.547	ng	96
88) Benzo(b)fluoranthene	23.033	252	1487429	8.924	ng	99
89) Benzo(k)fluoranthene	23.033	252	1487429	9.535	ng	99
90) Benzo(a)pyrene	23.663	252	783821	4.865	ng	99
92) Benzo(g,h,i)perylene	27.074	276	462429	2.705	ng	99

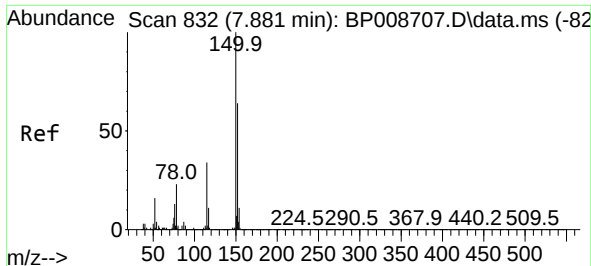
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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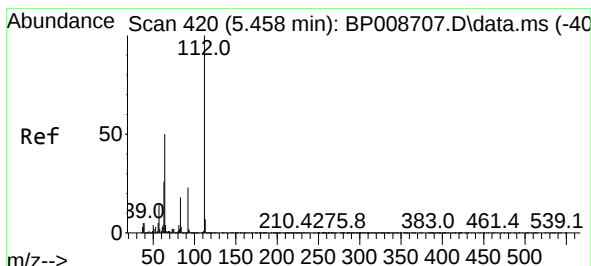
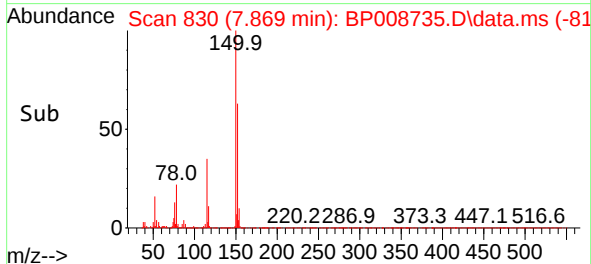
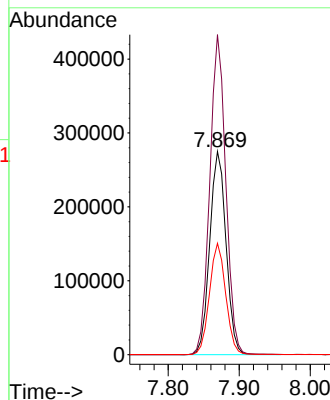
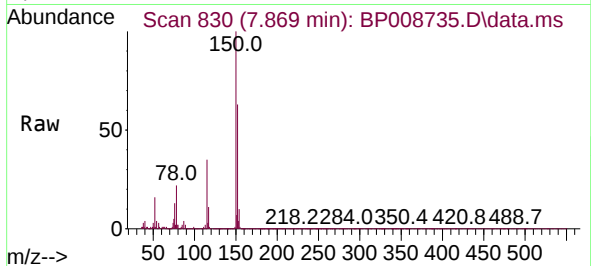




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP008735.D
Acq: 07 Jan 2022 20:09

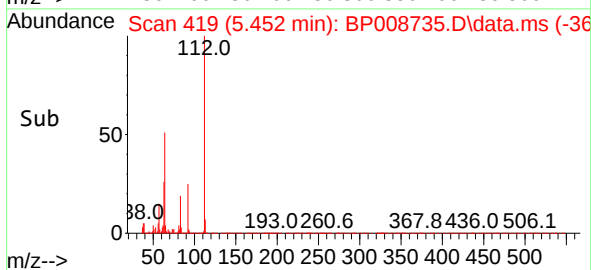
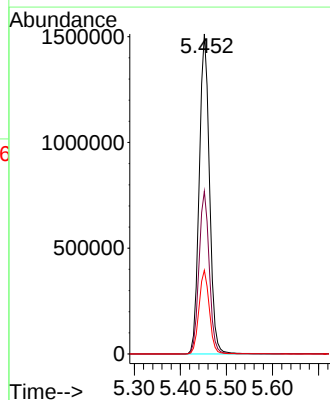
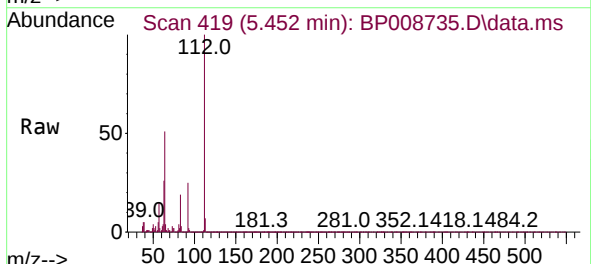
Instrument :
BNA_P
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AMI-8

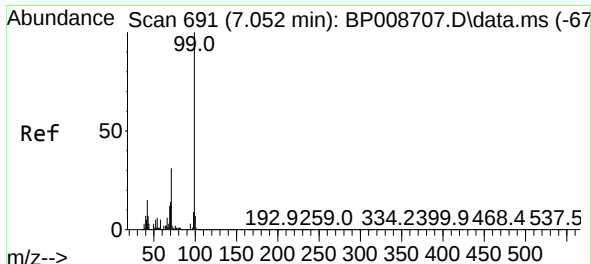
Tgt Ion:152 Resp: 439311
Ion Ratio Lower Upper
152 100
150 157.5 127.0 190.6
115 54.8 43.7 65.5



#5
2-Fluorophenol
Concen: 83.344 ng
RT: 5.452 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP008735.D
Acq: 07 Jan 2022 20:09

Tgt Ion:112 Resp: 2338113
Ion Ratio Lower Upper
112 100
64 50.9 39.7 59.5
63 26.1 20.0 30.0

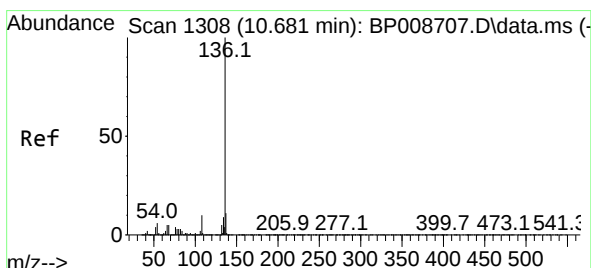
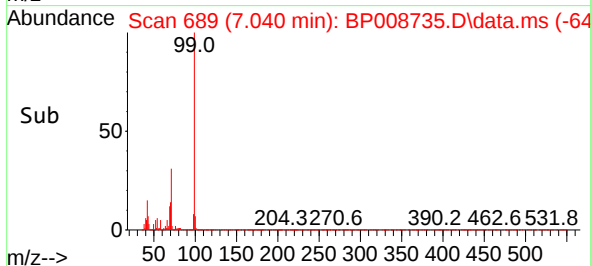
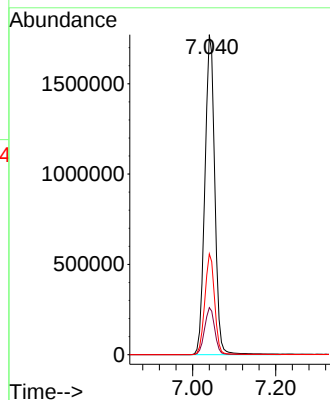
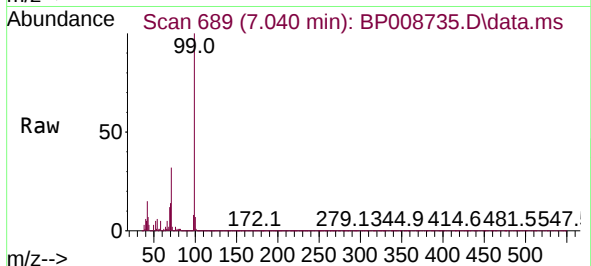




#7
Phenol-d6
Concen: 77.996 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008735.D
Acq: 07 Jan 2022 20:09

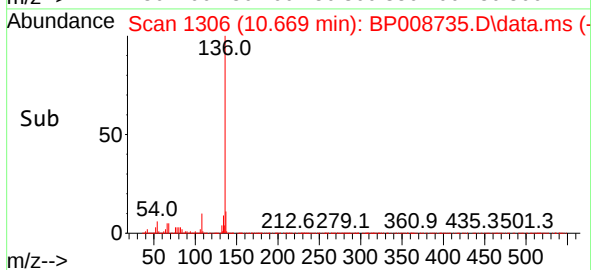
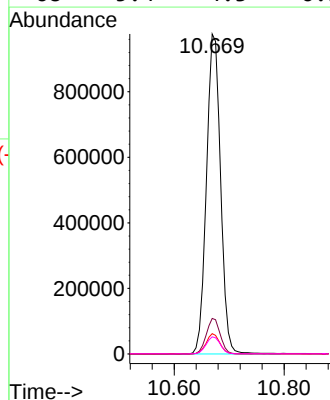
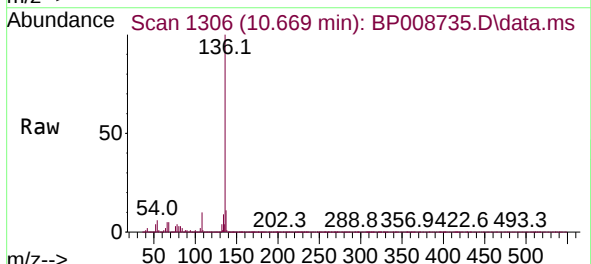
Instrument :
BNA_P
ClientSampleId :
AMI-8

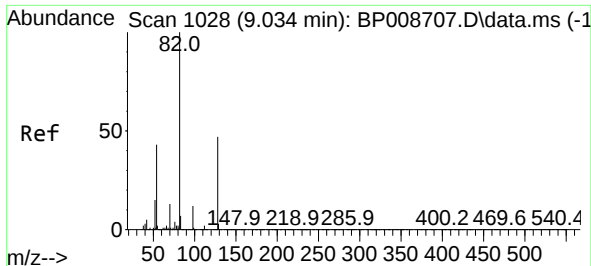
Tgt Ion: 99 Resp: 2937369
Ion Ratio Lower Upper
99 100
42 14.7 10.8 16.2
71 31.5 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1306
Delta R.T. -0.012 min
Lab File: BP008735.D
Acq: 07 Jan 2022 20:09

Tgt Ion:136 Resp: 1740034
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 6.4 4.9 7.3
68 5.4 4.3 6.5

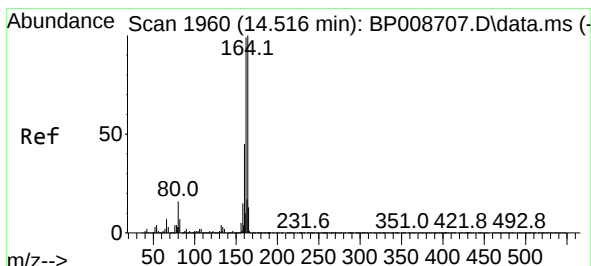
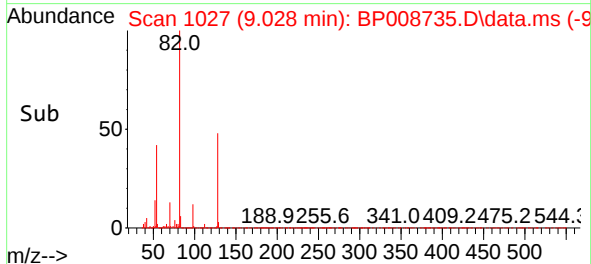
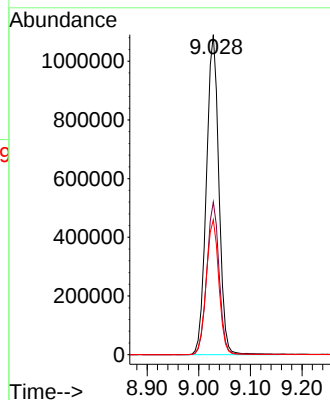
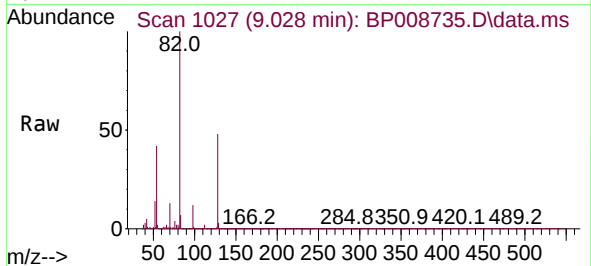




#23
Nitrobenzene-d5
Concen: 59.578 ng
RT: 9.028 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP008735.D
Acq: 07 Jan 2022 20:09

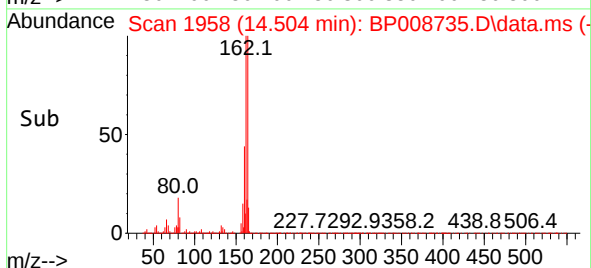
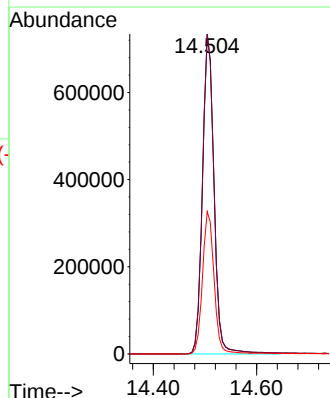
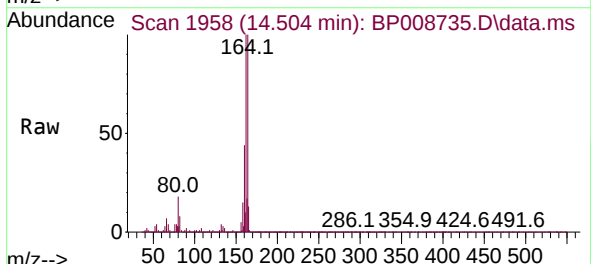
Instrument :
BNA_P
ClientSampleId :
AMI-8

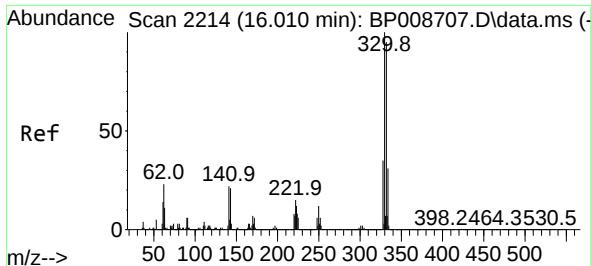
Tgt Ion: 82 Resp: 1830510
Ion Ratio Lower Upper
82 100
128 47.7 39.4 59.2
54 42.1 32.6 48.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP008735.D
Acq: 07 Jan 2022 20:09

Tgt Ion:164 Resp: 1136655
Ion Ratio Lower Upper
164 100
162 100.2 79.9 119.9
160 44.6 35.5 53.3

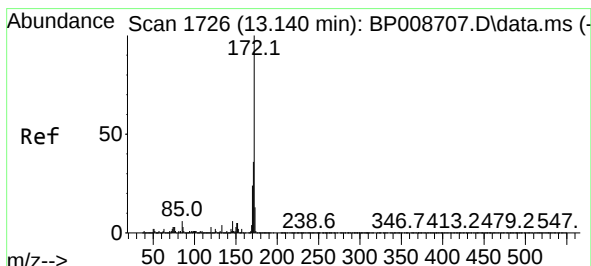
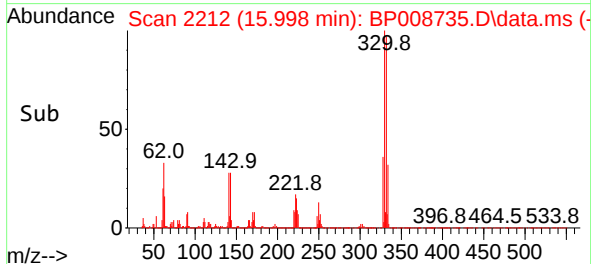
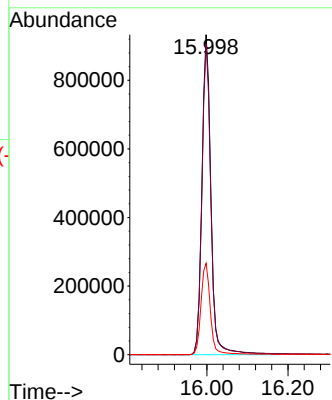
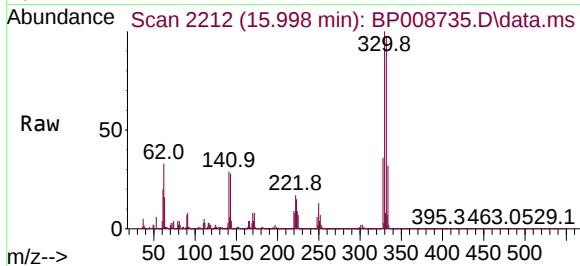




#42
2,4,6-Tribromophenol
Concen: 75.541 ng
RT: 15.998 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008735.D
Acq: 07 Jan 2022 20:09

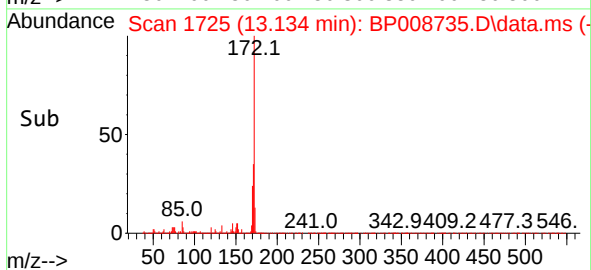
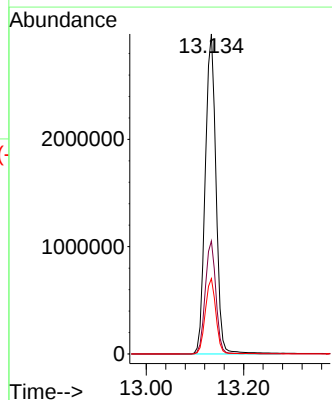
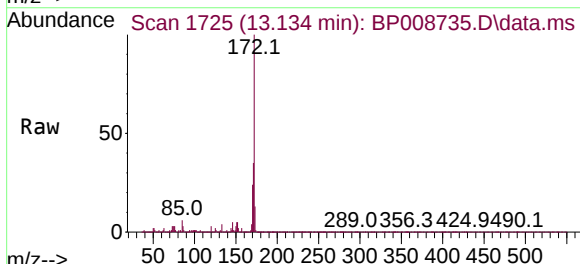
Instrument :
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ClientSampleId :
AMI-8

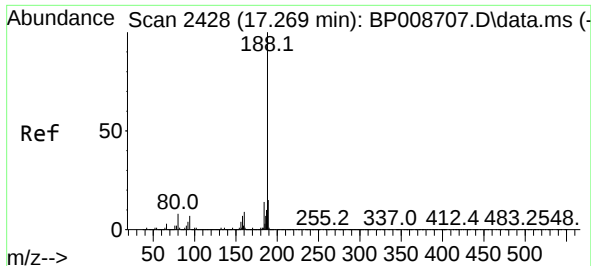
Tgt Ion:330 Resp: 1448620
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 29.8 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 56.580 ng
RT: 13.134 min Scan# 1725
Delta R.T. -0.006 min
Lab File: BP008735.D
Acq: 07 Jan 2022 20:09

Tgt Ion:172 Resp: 4574477
Ion Ratio Lower Upper
172 100
171 35.3 29.3 43.9
170 23.5 19.5 29.3

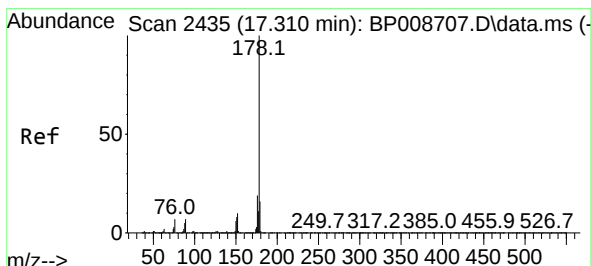
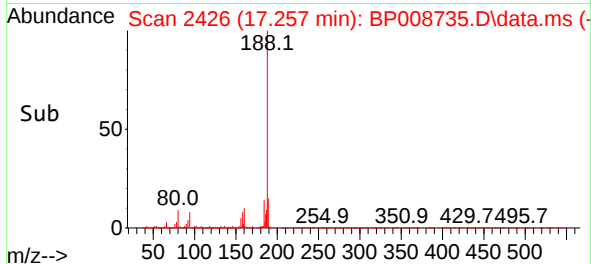
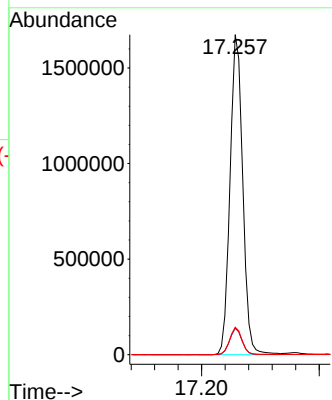
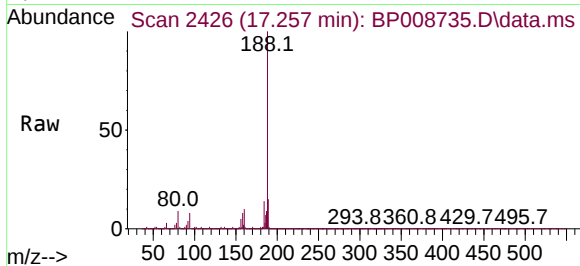




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.012 min
Lab File: BP008735.D
Acq: 07 Jan 2022 20:09

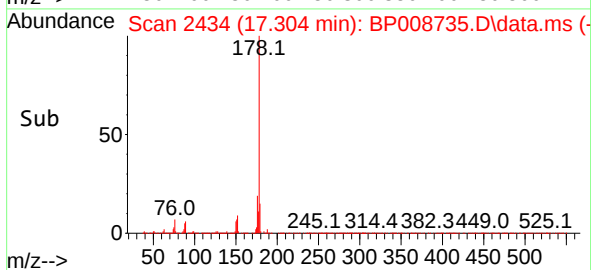
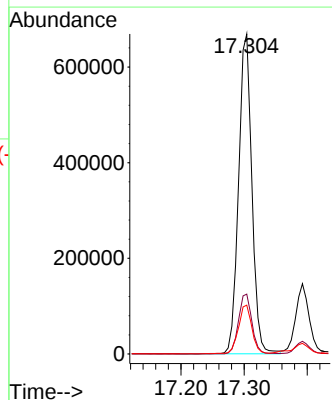
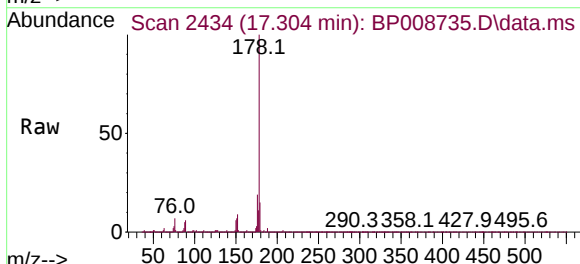
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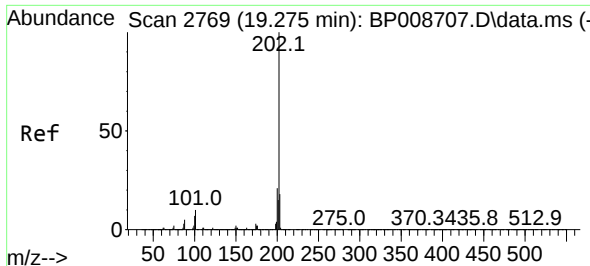
Tgt Ion:188 Resp: 2506645
Ion Ratio Lower Upper
188 100
94 8.2 6.8 10.2
80 8.6 7.2 10.8



#71
Phenanthrene
Concen: 7.036 ng
RT: 17.304 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BP008735.D
Acq: 07 Jan 2022 20:09

Tgt Ion:178 Resp: 979961
Ion Ratio Lower Upper
178 100
176 18.7 16.0 24.0
179 15.3 13.0 19.4

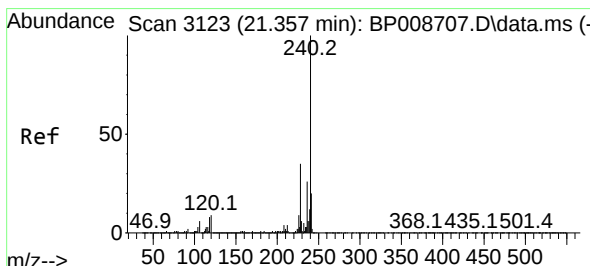
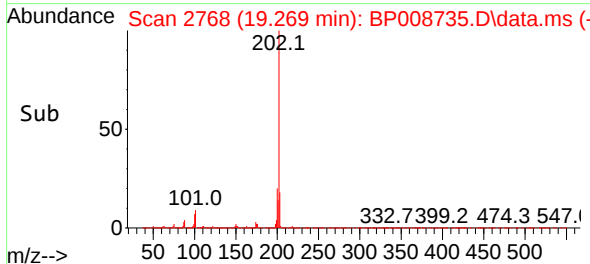
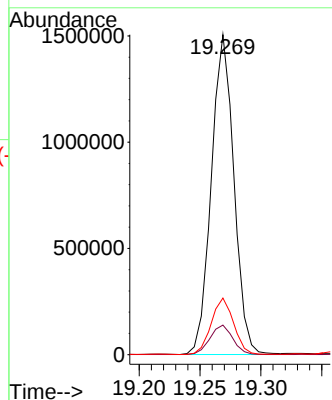
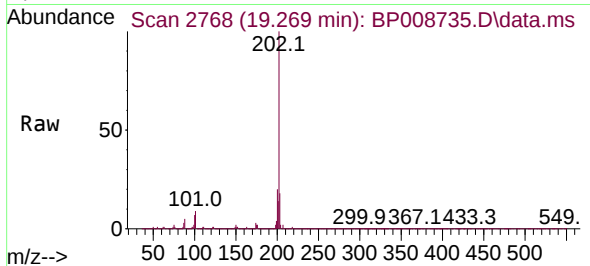




#75
Fluoranthene
Concen: 11.657 ng
RT: 19.269 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008735.D
Acq: 07 Jan 2022 20:09

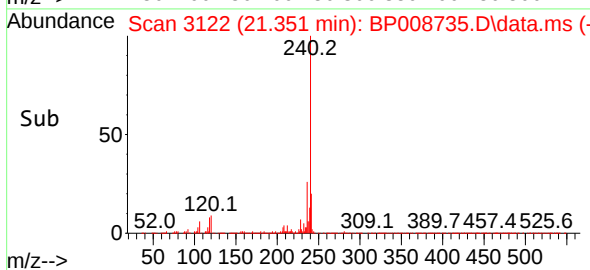
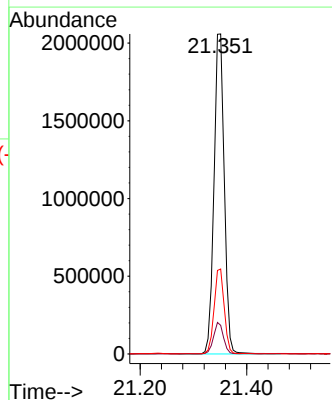
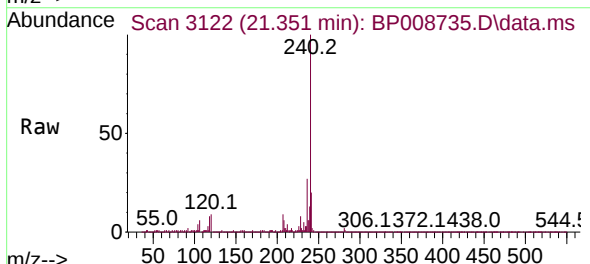
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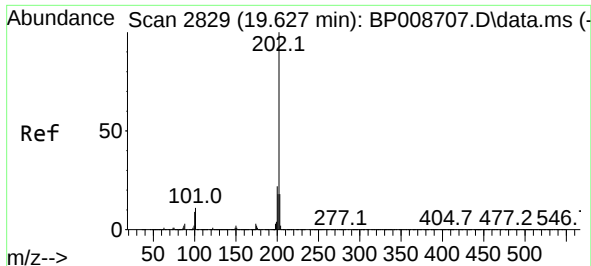
Tgt Ion:202 Resp: 1944084
Ion Ratio Lower Upper
202 100
101 9.3 0.0 30.7
203 17.7 0.0 38.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BP008735.D
Acq: 07 Jan 2022 20:09

Tgt Ion:240 Resp: 2758510
Ion Ratio Lower Upper
240 100
120 8.9 7.7 11.5
236 26.5 21.2 31.8

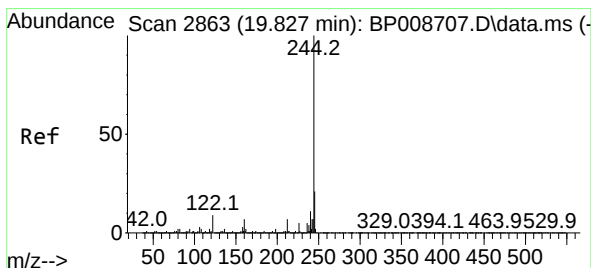
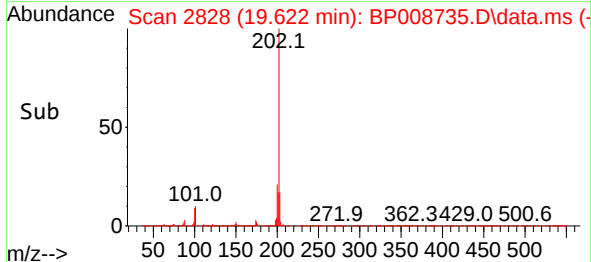
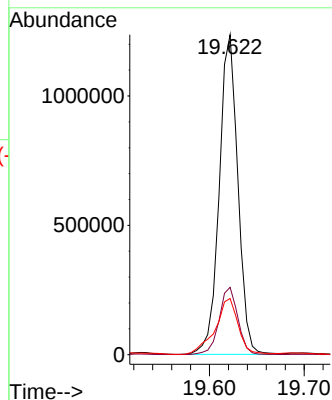
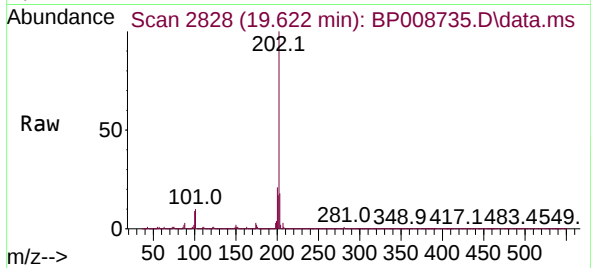




#78
Pyrene
Concen: 9.387 ng
RT: 19.622 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BP008735.D
Acq: 07 Jan 2022 20:09

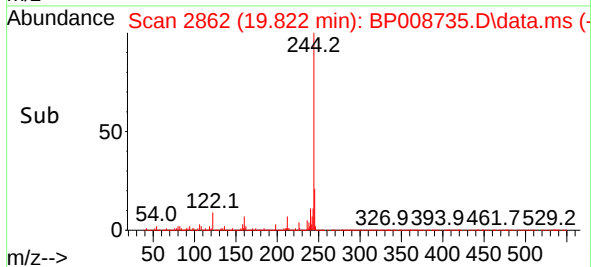
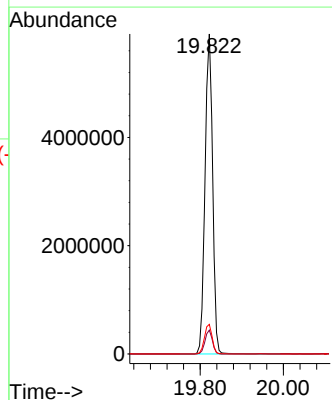
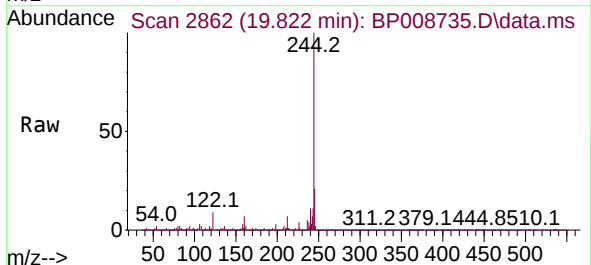
Instrument :
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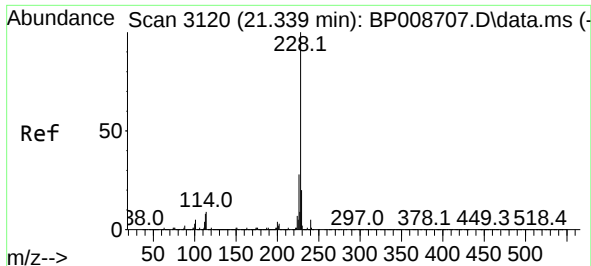
Tgt Ion:202 Resp: 1693120
Ion Ratio Lower Upper
202 100
200 21.0 18.0 27.0
203 17.6 15.0 22.6



#79
Terphenyl-d14
Concen: 55.272 ng
RT: 19.822 min Scan# 2862
Delta R.T. -0.006 min
Lab File: BP008735.D
Acq: 07 Jan 2022 20:09

Tgt Ion:244 Resp: 7481788
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 9.3 9.2 13.8

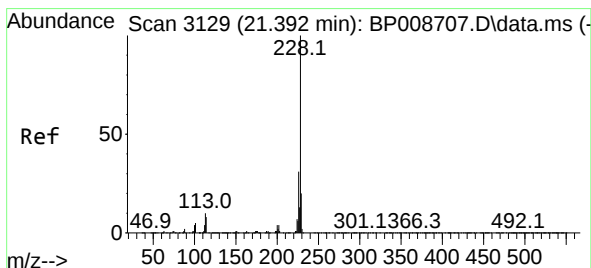
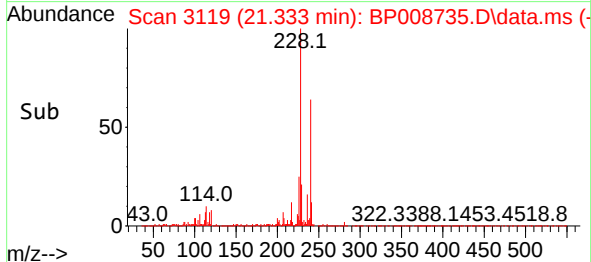
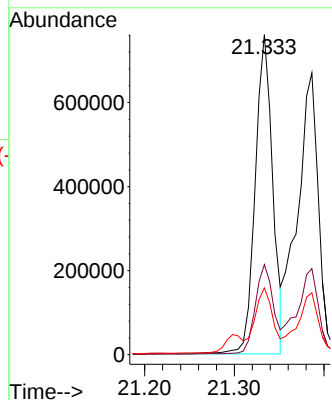
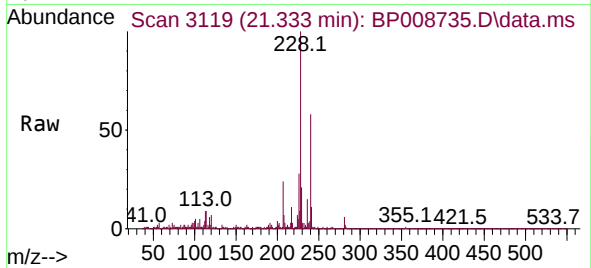




#81
Benzo(a)anthracene
Concen: 5.686 ng
RT: 21.333 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP008735.D
Acq: 07 Jan 2022 20:09

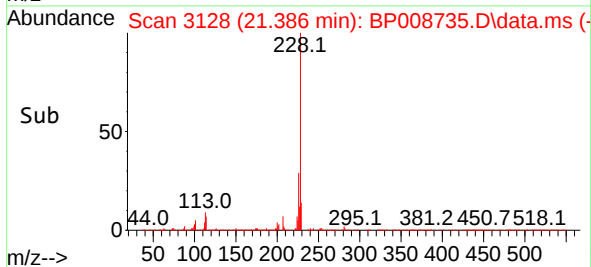
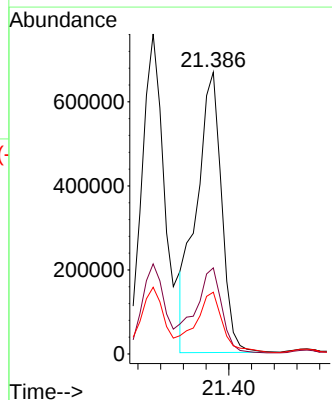
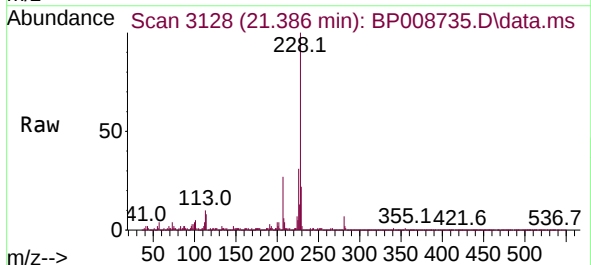
Instrument :
BNA_P
ClientSampleId :
AMI-8

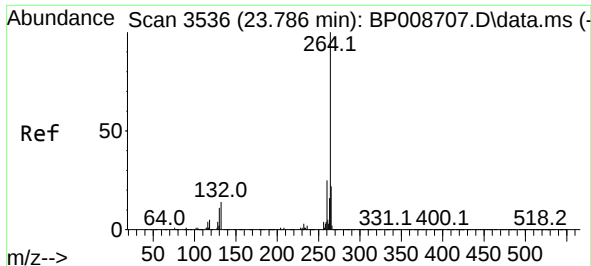
Tgt Ion:228 Resp: 1028991
Ion Ratio Lower Upper
228 100
226 28.1 23.3 34.9
229 20.9 17.0 25.6



#83
Chrysene
Concen: 5.886 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BP008735.D
Acq: 07 Jan 2022 20:09

Tgt Ion:228 Resp: 1027466
Ion Ratio Lower Upper
228 100
226 30.5 26.0 39.0
229 21.9 16.9 25.3



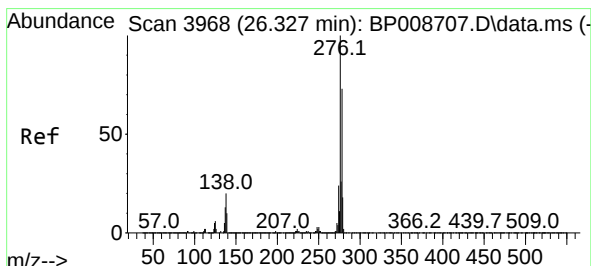
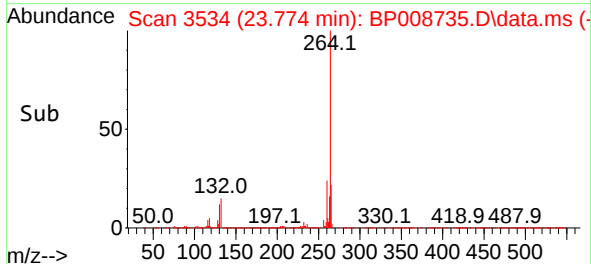
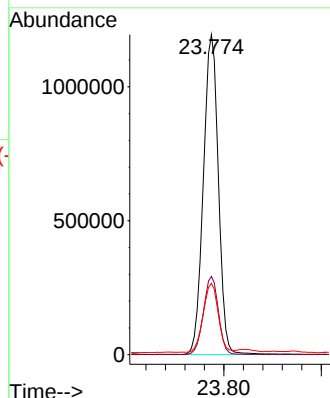
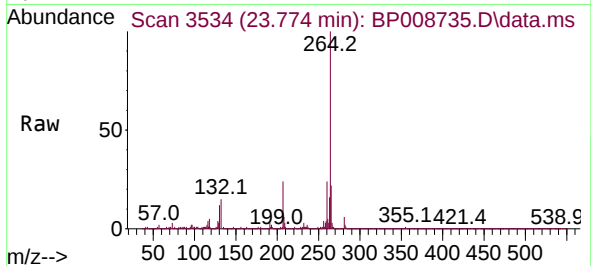


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.774 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP008735.D
Acq: 07 Jan 2022 20:09

Instrument :
BNA_P
ClientSampleId :
AMI-8

Tgt Ion:264 Resp: 2550979

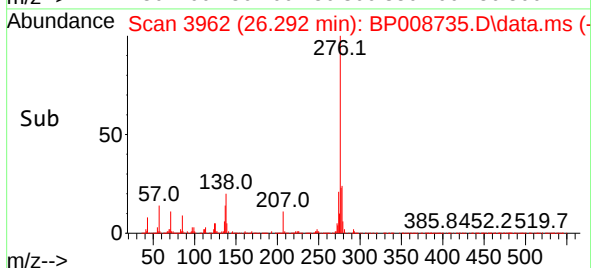
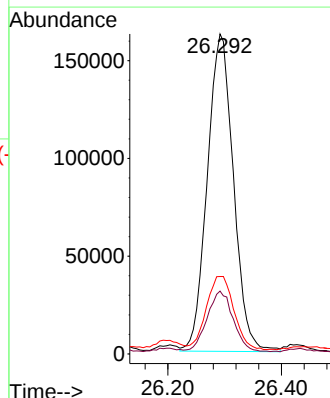
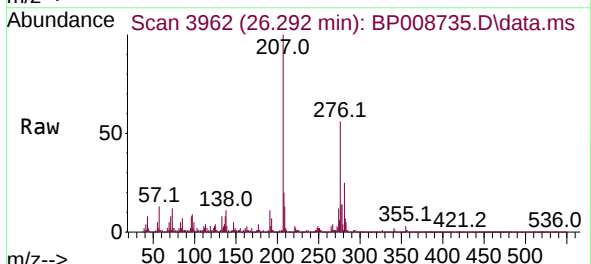
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.1	28.7
265	22.3	17.1	25.7

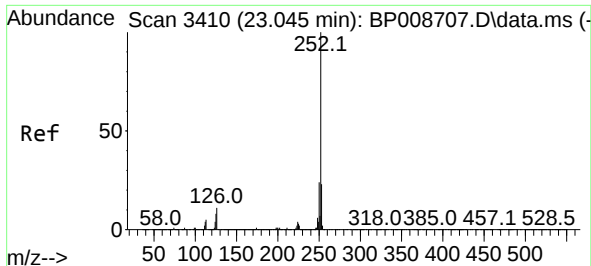


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.547 ng
RT: 26.292 min Scan# 3962
Delta R.T. -0.035 min
Lab File: BP008735.D
Acq: 07 Jan 2022 20:09

Tgt Ion:276 Resp: 519249

Ion	Ratio	Lower	Upper
276	100		
138	19.4	17.8	26.6
277	24.0	20.4	30.6

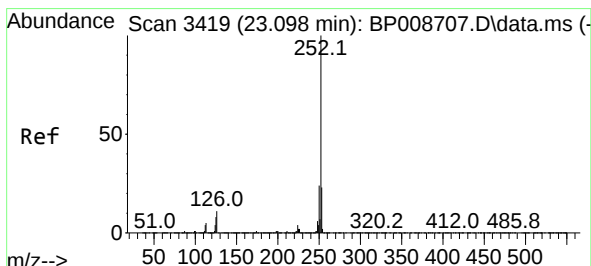
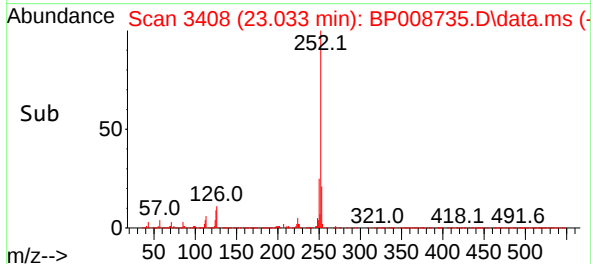
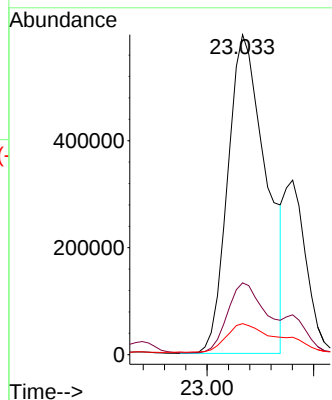
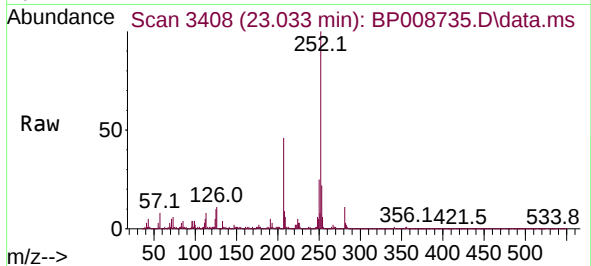




#88
Benzo(b)fluoranthene
Concen: 8.924 ng
RT: 23.033 min Scan# 3410
Delta R.T. -0.012 min
Lab File: BP008735.D
Acq: 07 Jan 2022 20:09

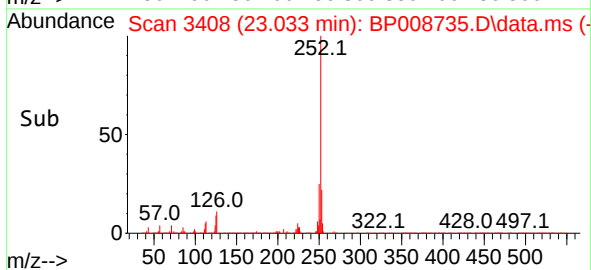
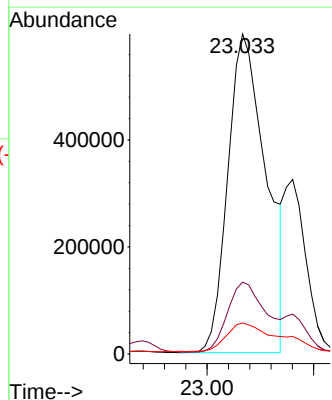
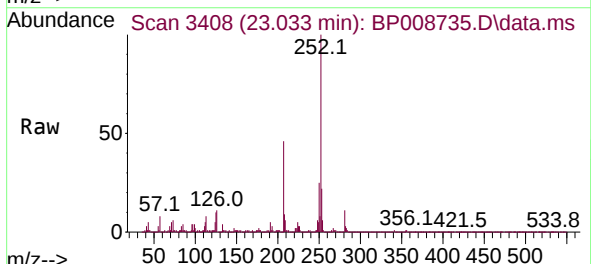
Instrument :
BNA_P
ClientSampleId :
AMI-8

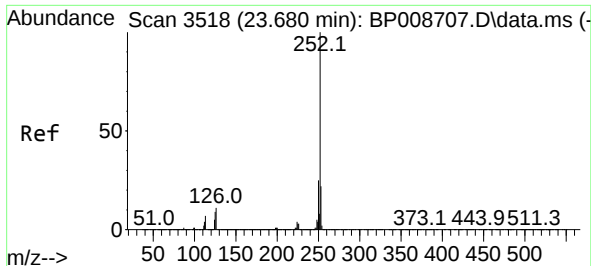
Tgt Ion:252 Resp: 1487429
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 9.7 6.9 10.3



#89
Benzo(k)fluoranthene
Concen: 9.535 ng
RT: 23.033 min Scan# 3408
Delta R.T. -0.065 min
Lab File: BP008735.D
Acq: 07 Jan 2022 20:09

Tgt Ion:252 Resp: 1487429
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 9.7 7.3 10.9

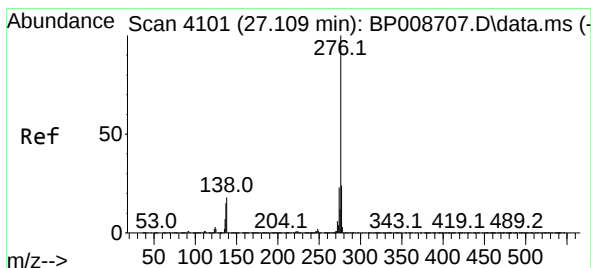
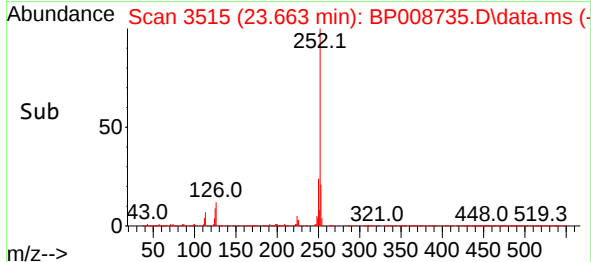
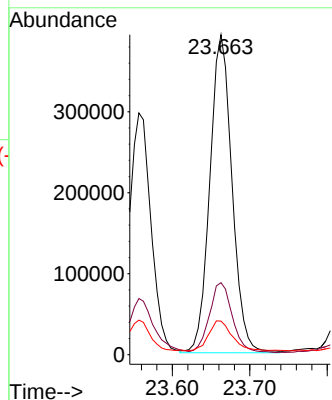
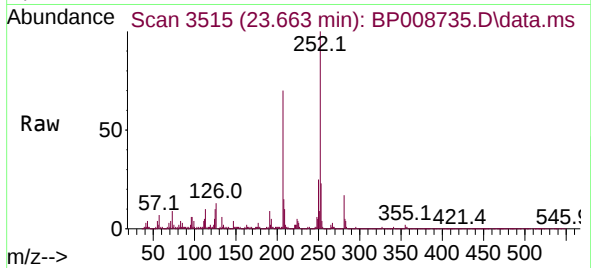




#90
Benzo(a)pyrene
Concen: 4.865 ng
RT: 23.663 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP008735.D
Acq: 07 Jan 2022 20:09

Instrument :
BNA_P
ClientSampleId :
AMI-8

Tgt Ion:252 Resp: 783821
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 10.5 7.8 11.6



#92
Benzo(g,h,i)perylene
Concen: 2.705 ng
RT: 27.074 min Scan# 4095
Delta R.T. -0.035 min
Lab File: BP008735.D
Acq: 07 Jan 2022 20:09

Tgt Ion:276 Resp: 462429
Ion Ratio Lower Upper
276 100
277 25.0 19.2 28.8
138 18.6 15.0 22.4

