

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010722\
 Data File : BP008737.D
 Acq On : 07 Jan 2022 21:15
 Operator : CG/JU
 Sample : N1069-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PX-2-010522

Quant Time: Jan 08 02:27:15 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)

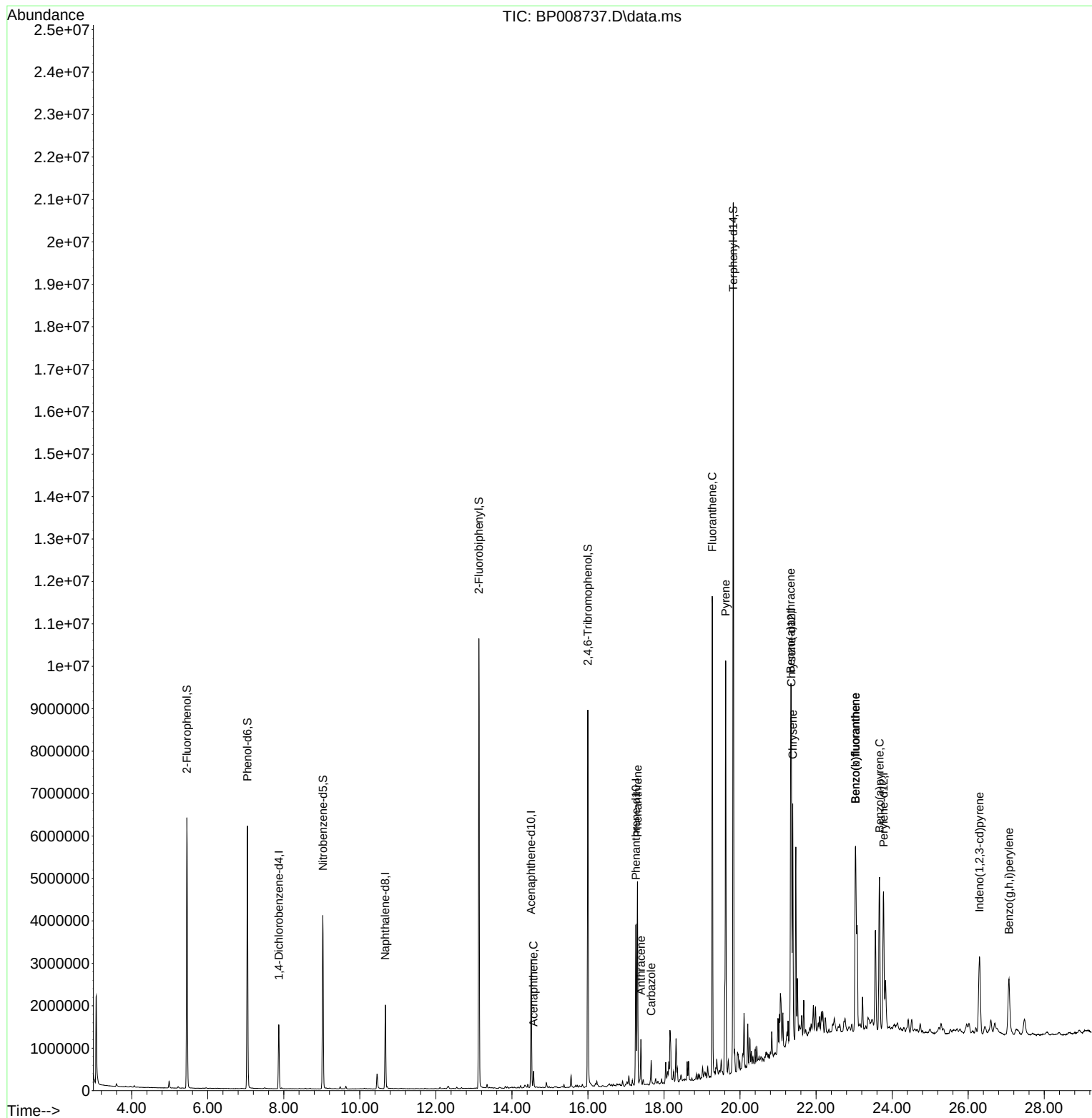
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	444979	20.000	ng	-0.01
21) Naphthalene-d8	10.669	136	1780601	20.000	ng	-0.01
39) Acenaphthene-d10	14.504	164	1160351	20.000	ng	-0.01
64) Phenanthrene-d10	17.263	188	2539322	20.000	ng	0.00
76) Chrysene-d12	21.351	240	2791885	20.000	ng	0.00
86) Perylene-d12	23.774	264	2579020	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	3145745	110.705	ng	0.00
7) Phenol-d6	7.045	99	3968421	104.032	ng	0.00
23) Nitrobenzene-d5	9.028	82	2475430	78.732	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	1991918	101.751	ng	-0.01
45) 2-Fluorobiphenyl	13.133	172	5873953	71.169	ng	0.00
79) Terphenyl-d14	19.821	244	9562610	69.799	ng	0.00
Target Compounds						
						Qvalue
52) Acenaphthene	14.569	154	136142	2.061	ng	97
71) Phenanthrene	17.304	178	3073527	21.785	ng	99
72) Anthracene	17.392	178	672595	4.668	ng	99
73) Carbazole	17.663	167	377378	2.858	ng	100
75) Fluoranthene	19.268	202	7053095	41.748	ng	98
78) Pyrene	19.621	202	6156812	33.726	ng	99
81) Benzo(a)anthracene	21.333	228	3586880	19.583	ng	99
83) Chrysene	21.386	228	3107901	17.590	ng	97
87) Indeno(1,2,3-cd)pyrene	26.297	276	1863396	9.042	ng	96
88) Benzo(b)fluoranthene	23.033	252	4268147	25.328	ng	99
89) Benzo(k)fluoranthene	23.033	252	4268147	27.064	ng	99
90) Benzo(a)pyrene	23.668	252	2910167	17.868	ng	100
92) Benzo(g,h,i)perylene	27.074	276	1778387	10.289	ng	100

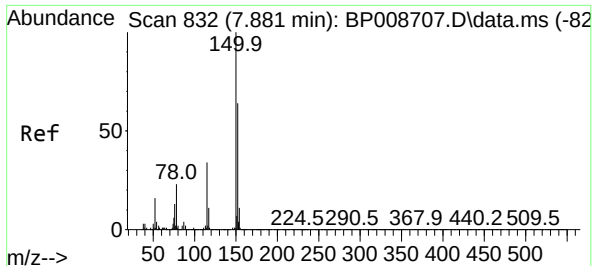
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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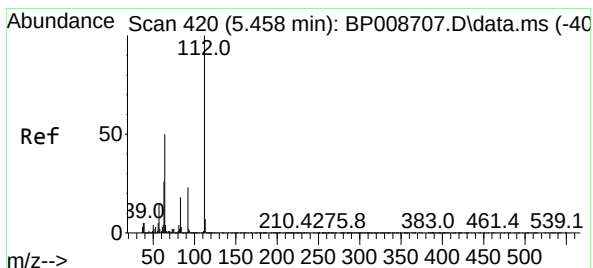
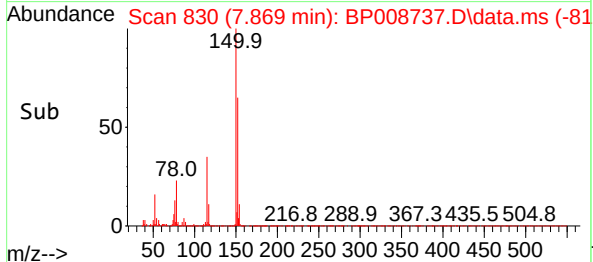
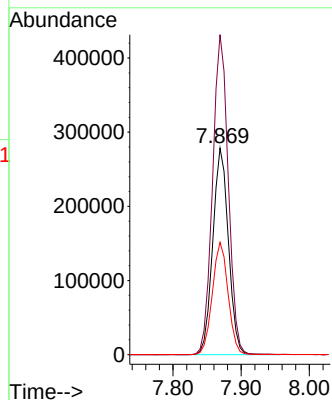
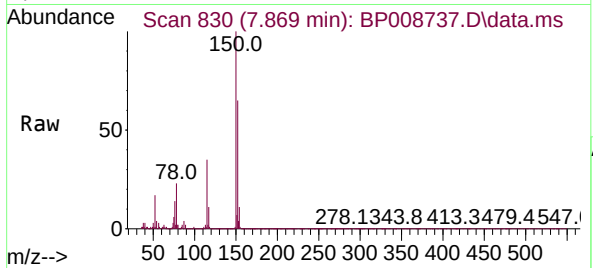




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP008737.D
Acq: 07 Jan 2022 21:15

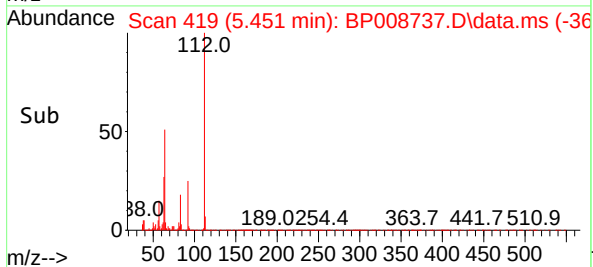
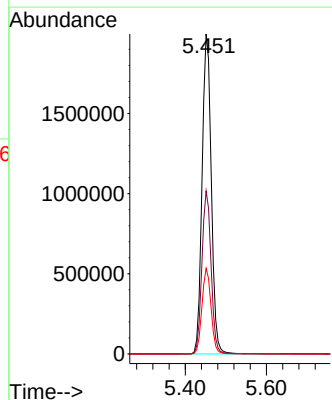
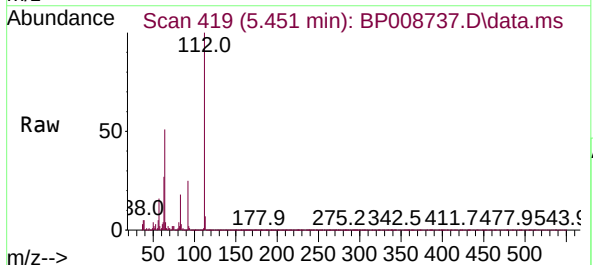
Instrument :
BNA_P
ClientSampleId :
PX-2-010522

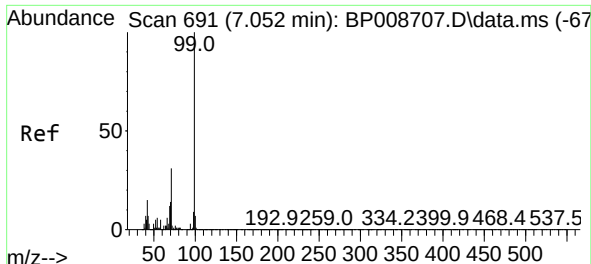
Tgt Ion:152 Resp: 444979
Ion Ratio Lower Upper
152 100
150 154.9 127.0 190.6
115 54.4 43.7 65.5



#5
2-Fluorophenol
Concen: 110.705 ng
RT: 5.451 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP008737.D
Acq: 07 Jan 2022 21:15

Tgt Ion:112 Resp: 3145745
Ion Ratio Lower Upper
112 100
64 50.9 39.7 59.5
63 26.8 20.0 30.0



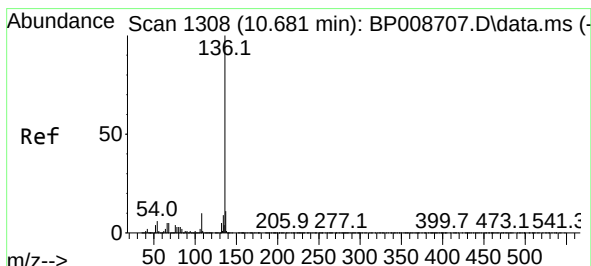
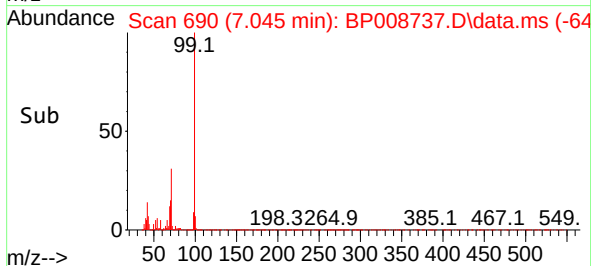
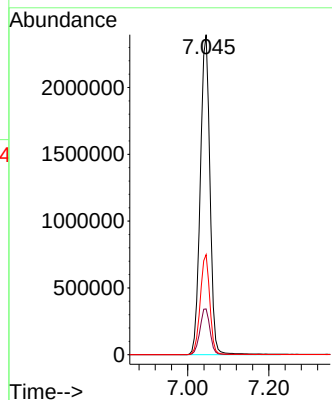
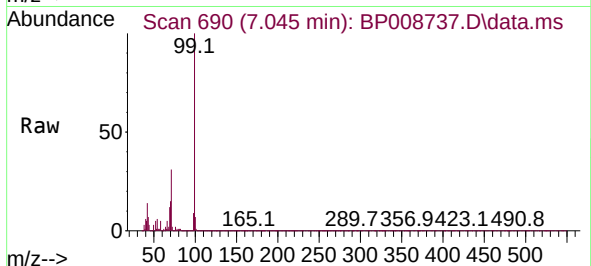


#7
Phenol-d6
Concen: 104.032 ng
RT: 7.045 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008737.D
Acq: 07 Jan 2022 21:15

Instrument :
BNA_P
ClientSampleId :
PX-2-010522

Tgt Ion: 99 Resp: 3968421

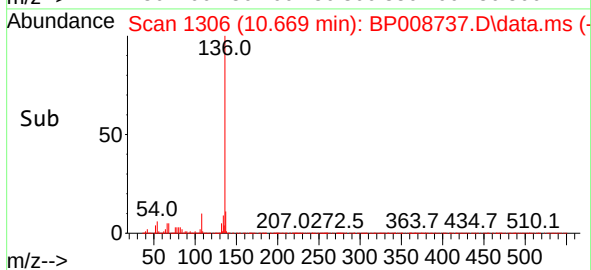
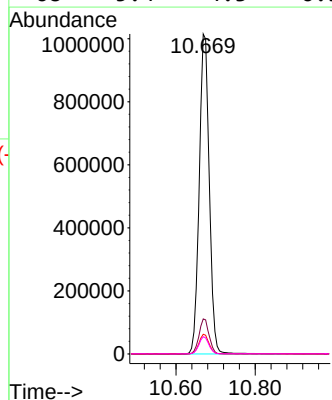
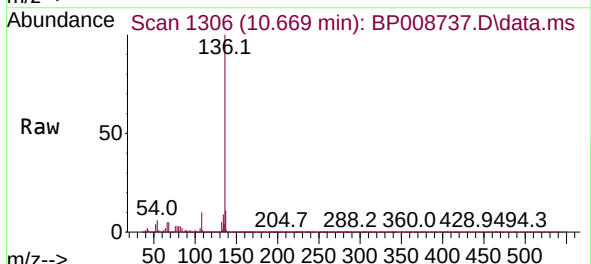
Ion	Ratio	Lower	Upper
99	100		
42	14.3	10.8	16.2
71	31.3	23.8	35.6

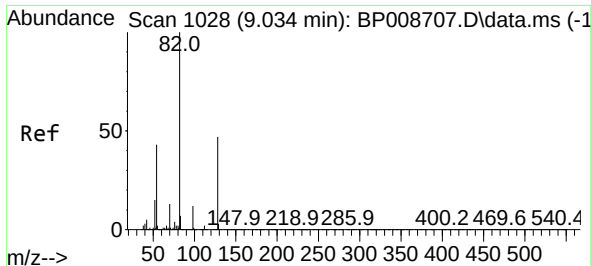


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1306
Delta R.T. -0.012 min
Lab File: BP008737.D
Acq: 07 Jan 2022 21:15

Tgt Ion: 136 Resp: 1780601

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.2	4.9	7.3
68	5.4	4.3	6.5

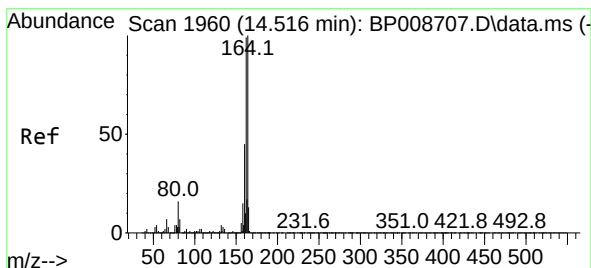
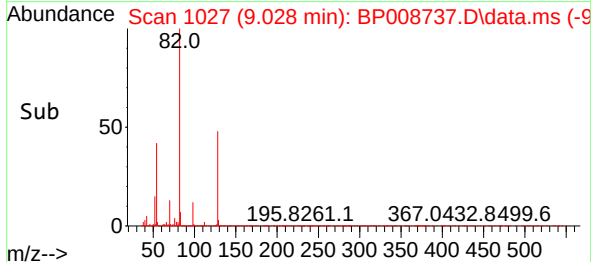
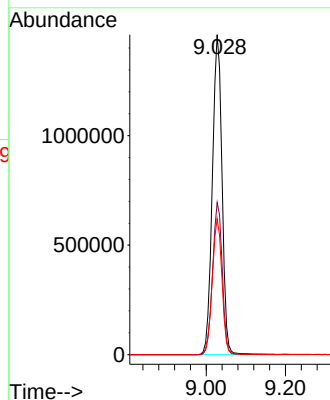
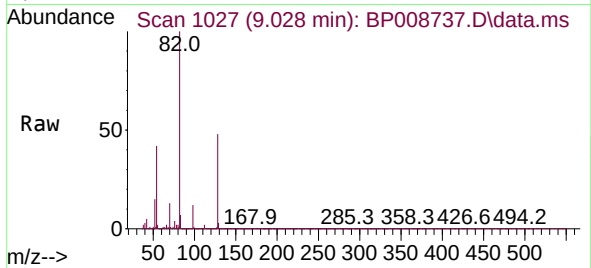




#23
Nitrobenzene-d5
Concen: 78.732 ng
RT: 9.028 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BP008737.D
Acq: 07 Jan 2022 21:15

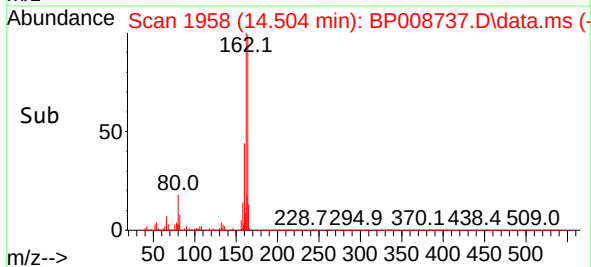
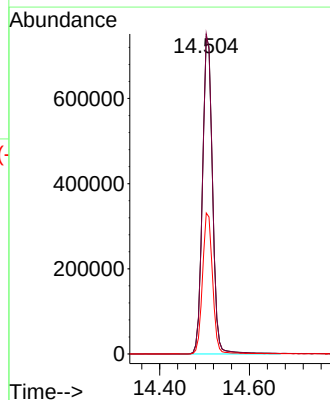
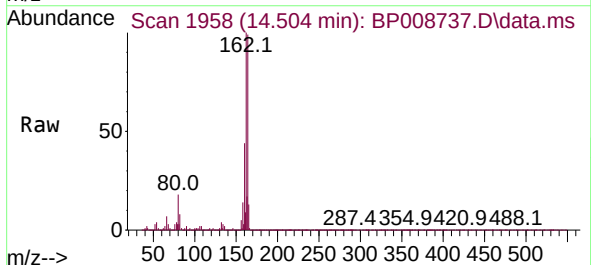
Instrument :
BNA_P
ClientSampleId :
PX-2-010522

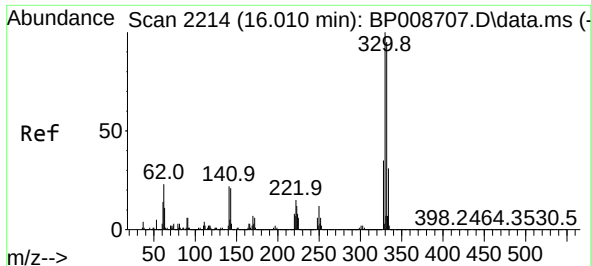
Tgt Ion: 82 Resp: 2475430
Ion Ratio Lower Upper
82 100
128 47.6 39.4 59.2
54 42.5 32.6 48.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP008737.D
Acq: 07 Jan 2022 21:15

Tgt Ion:164 Resp: 1160351
Ion Ratio Lower Upper
164 100
162 100.8 79.9 119.9
160 44.4 35.5 53.3

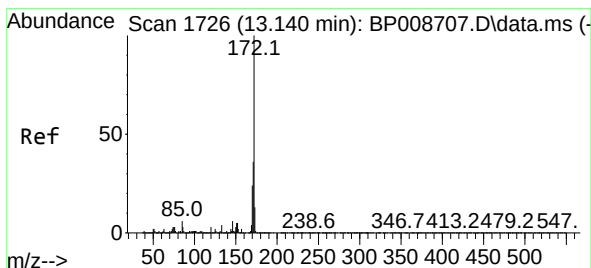
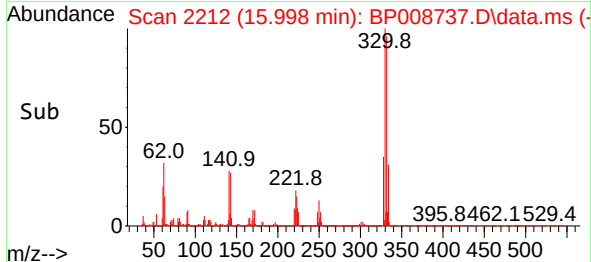
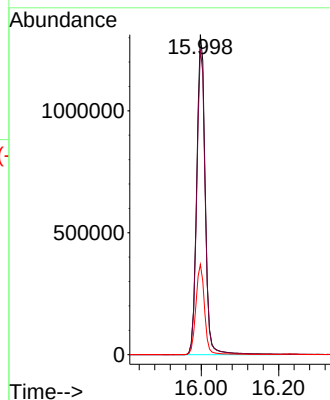
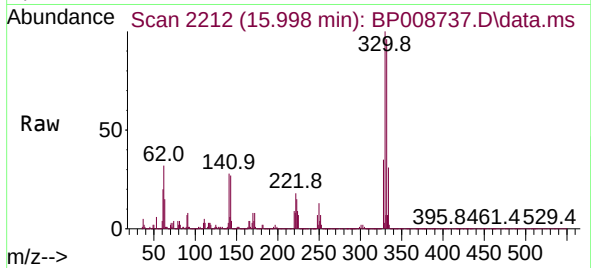




#42
2,4,6-Tribromophenol
Concen: 101.751 ng
RT: 15.998 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008737.D
Acq: 07 Jan 2022 21:15

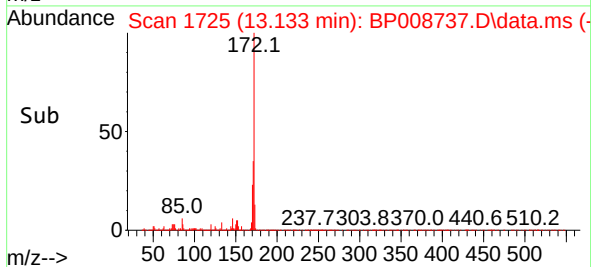
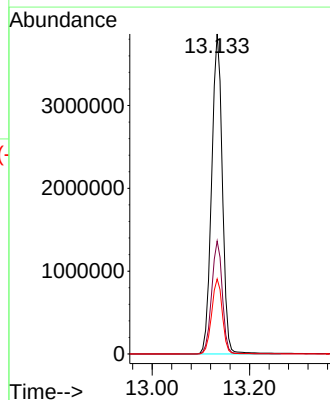
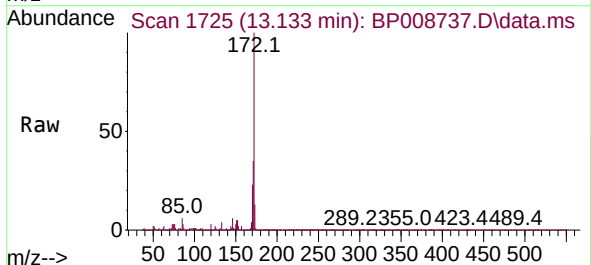
Instrument :
BNA_P
ClientSampleId :
PX-2-010522

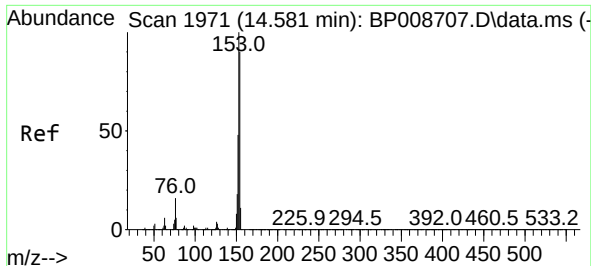
Tgt Ion:330 Resp: 1991918
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.4
141 28.9 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 71.169 ng
RT: 13.133 min Scan# 1725
Delta R.T. -0.006 min
Lab File: BP008737.D
Acq: 07 Jan 2022 21:15

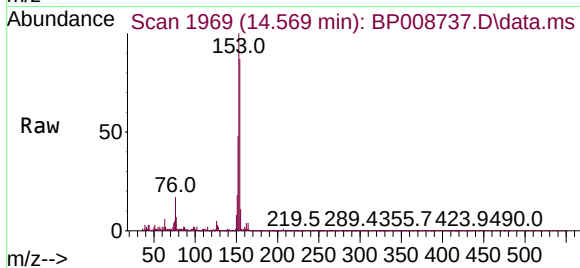
Tgt Ion:172 Resp: 5873953
Ion Ratio Lower Upper
172 100
171 35.3 29.3 43.9
170 23.5 19.5 29.3



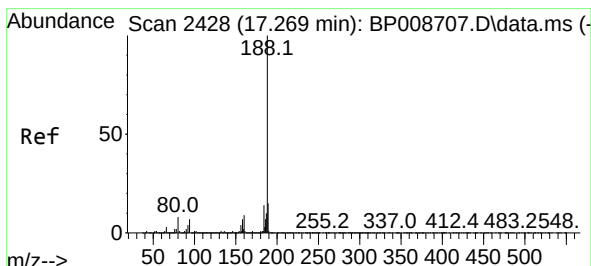
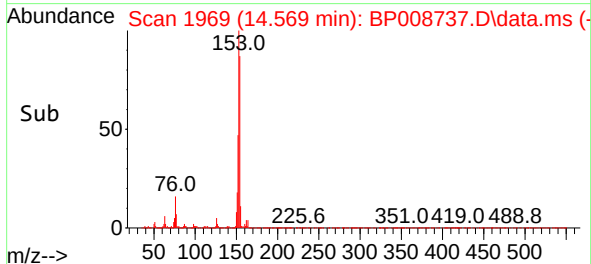
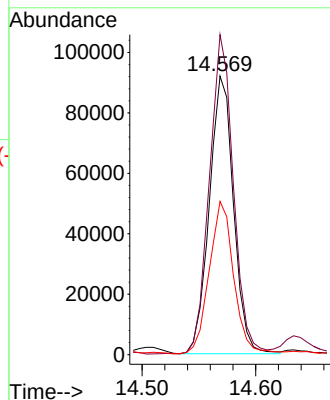


#52
Acenaphthene
Concen: 2.061 ng
RT: 14.569 min Scan# 1969
Delta R.T. -0.012 min
Lab File: BP008737.D
Acq: 07 Jan 2022 21:15

Instrument :
BNA_P
ClientSampleId :
PX-2-010522

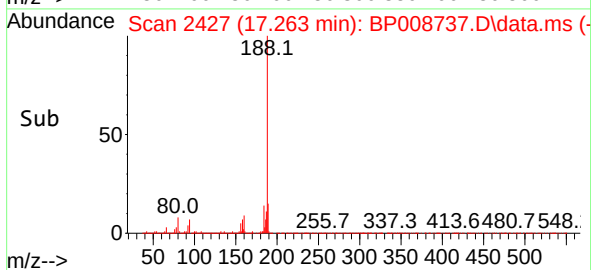
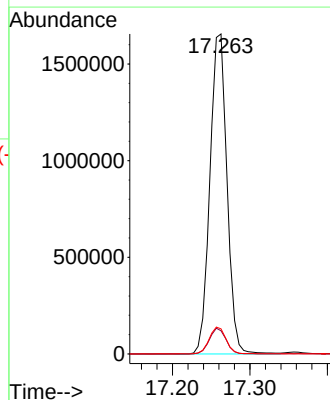
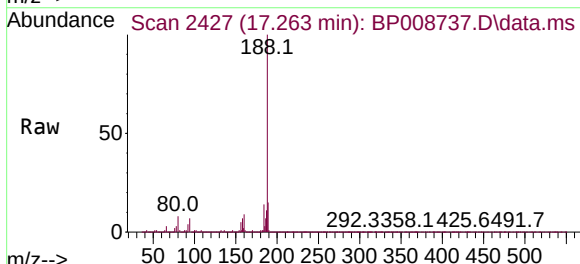


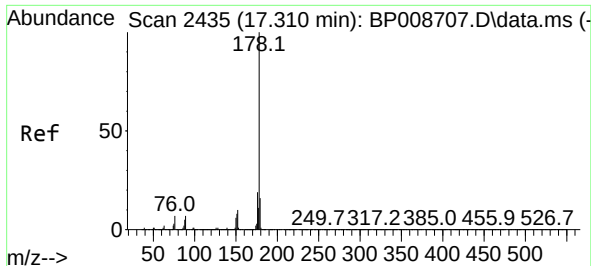
Tgt Ion:154 Resp: 136142
Ion Ratio Lower Upper
154 100
153 114.9 89.4 134.2
152 55.0 42.6 63.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BP008737.D
Acq: 07 Jan 2022 21:15

Tgt Ion:188 Resp: 2539322
Ion Ratio Lower Upper
188 100
94 7.3 6.8 10.2
80 7.8 7.2 10.8

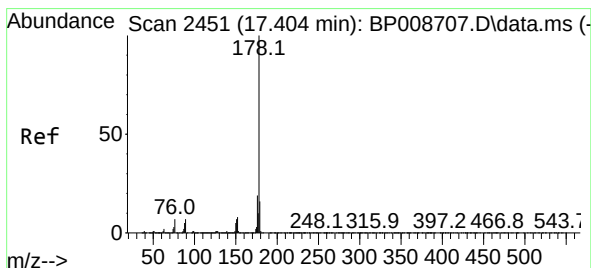
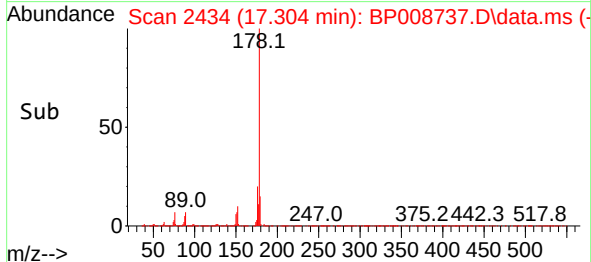
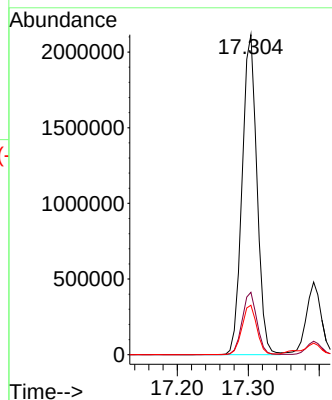
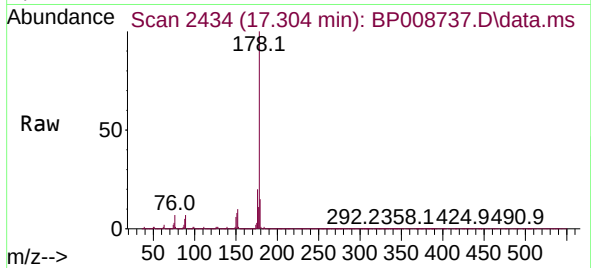




#71
Phenanthrene
Concen: 21.785 ng
RT: 17.304 min Scan# 2435
Delta R.T. -0.006 min
Lab File: BP008737.D
Acq: 07 Jan 2022 21:15

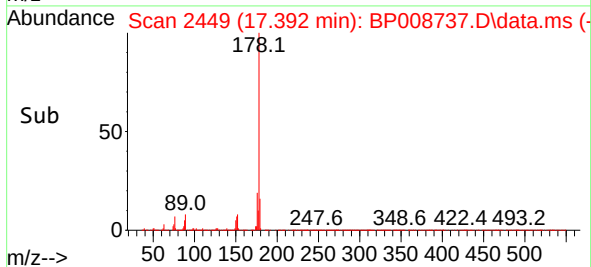
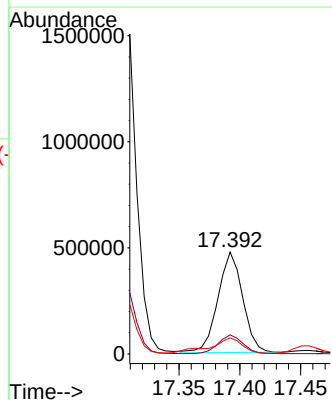
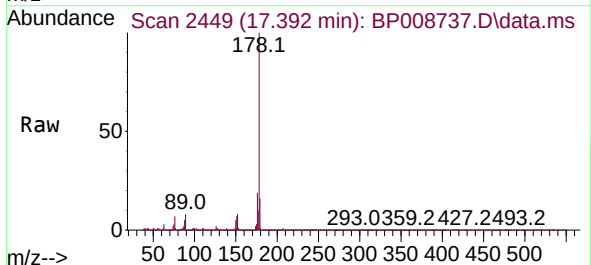
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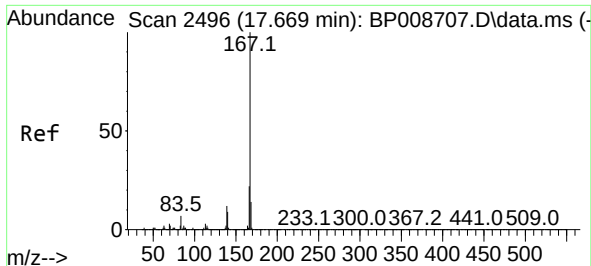
Tgt Ion:178 Resp: 3073527
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 15.5 13.0 19.4



#72
Anthracene
Concen: 4.668 ng
RT: 17.392 min Scan# 2449
Delta R.T. -0.012 min
Lab File: BP008737.D
Acq: 07 Jan 2022 21:15

Tgt Ion:178 Resp: 672595
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 15.8 12.8 19.2

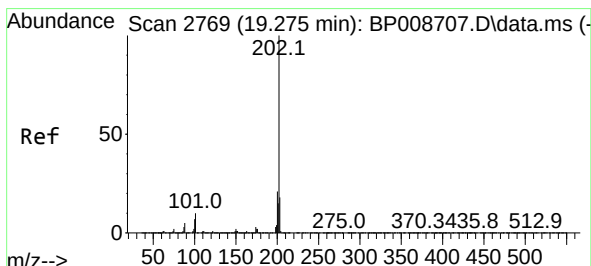
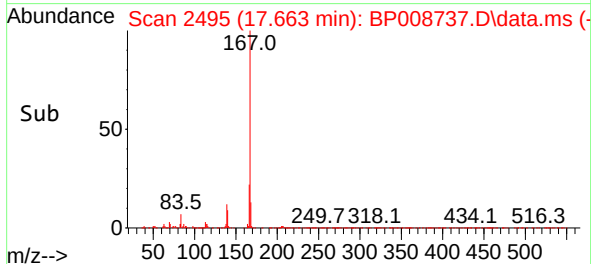
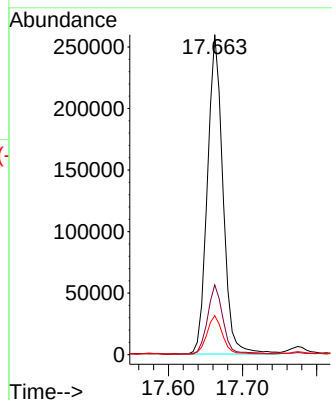
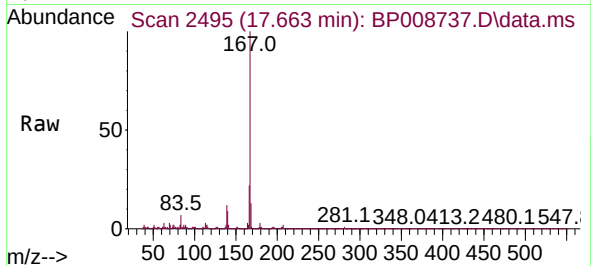




#73
 Carbazole
 Concen: 2.858 ng
 RT: 17.663 min Scan# 2496
 Delta R.T. -0.006 min
 Lab File: BP008737.D
 Acq: 07 Jan 2022 21:15

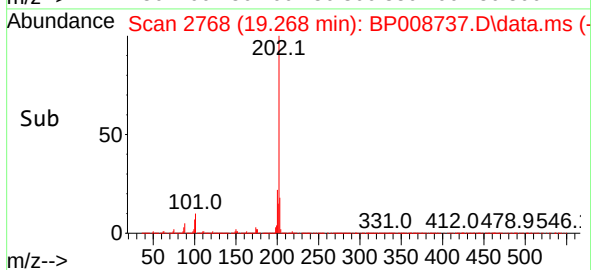
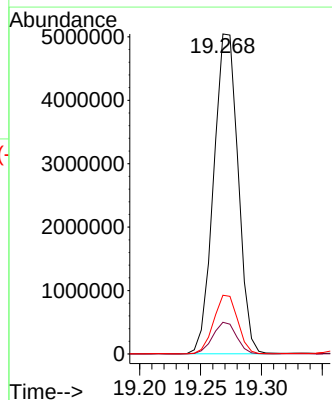
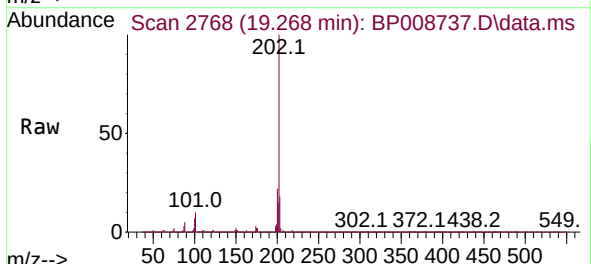
Instrument :
 BNA_P
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 PX-2-010522

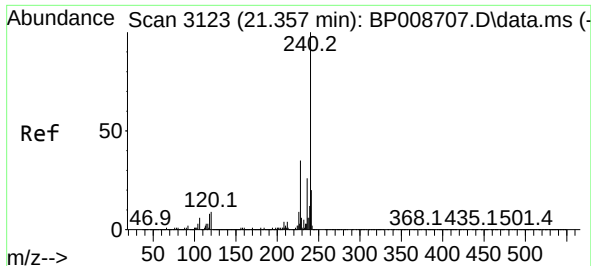
Tgt Ion:167 Resp: 377378
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.7 26.5
 139 12.2 9.8 14.6



#75
 Fluoranthene
 Concen: 41.748 ng
 RT: 19.268 min Scan# 2768
 Delta R.T. -0.006 min
 Lab File: BP008737.D
 Acq: 07 Jan 2022 21:15

Tgt Ion:202 Resp: 7053095
 Ion Ratio Lower Upper
 202 100
 101 9.9 0.0 30.7
 203 18.4 0.0 38.9

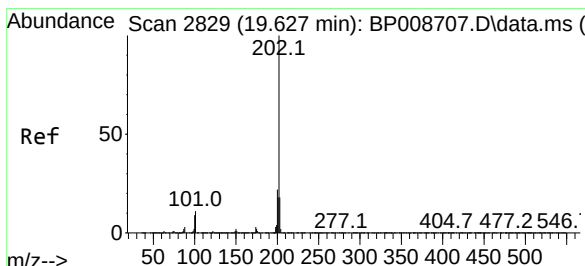
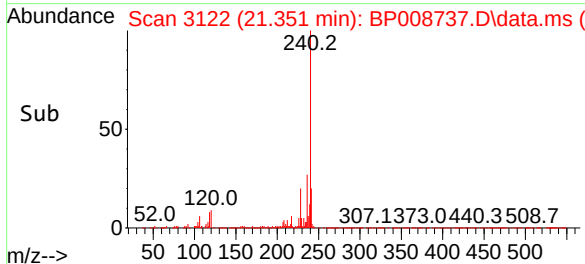
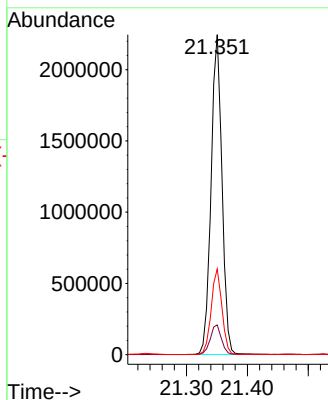
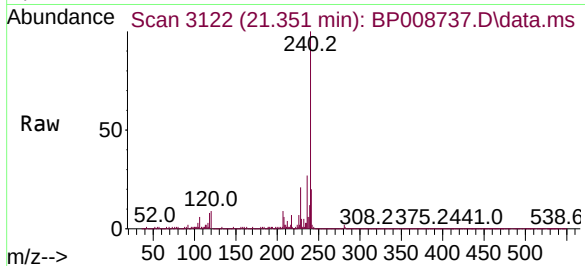




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP008737.D
Acq: 07 Jan 2022 21:15

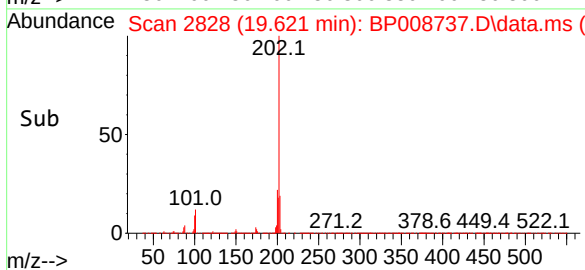
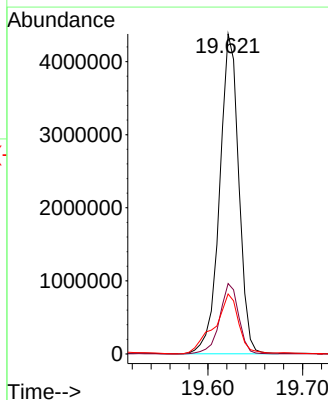
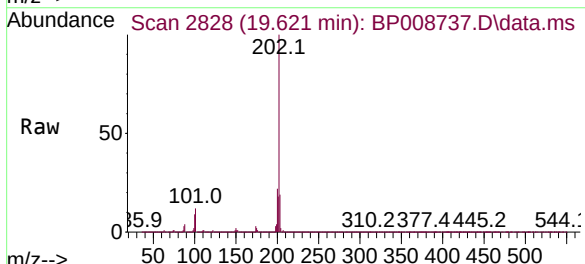
Instrument :
BNA_P
ClientSampleId :
PX-2-010522

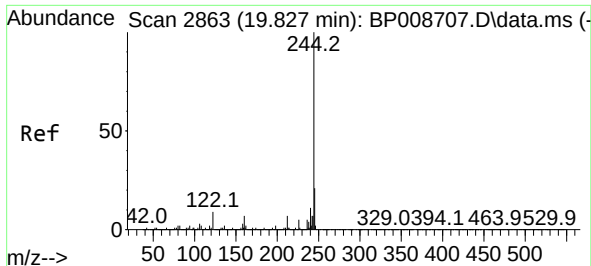
Tgt Ion:240 Resp: 2791885
Ion Ratio Lower Upper
240 100
120 9.3 7.7 11.5
236 26.8 21.2 31.8



#78
Pyrene
Concen: 33.726 ng
RT: 19.621 min Scan# 2828
Delta R.T. -0.006 min
Lab File: BP008737.D
Acq: 07 Jan 2022 21:15

Tgt Ion:202 Resp: 6156812
Ion Ratio Lower Upper
202 100
200 22.0 18.0 27.0
203 18.8 15.0 22.6

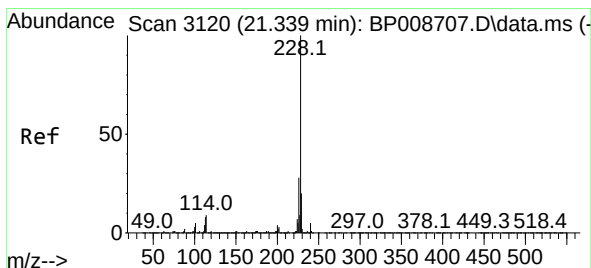
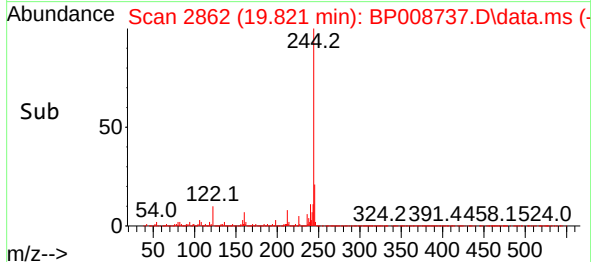
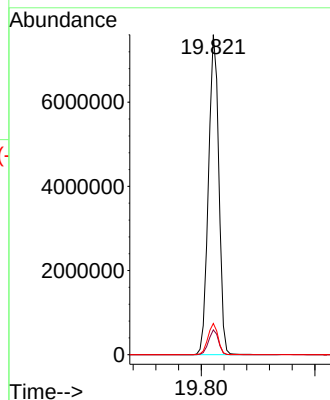
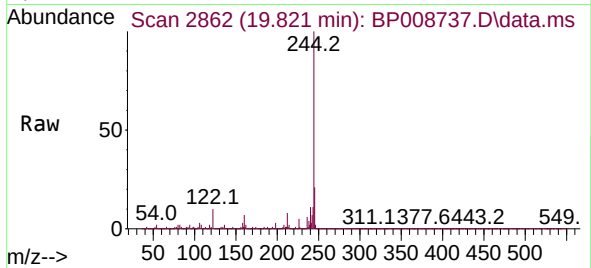




#79
 Terphenyl-d14
 Concen: 69.799 ng
 RT: 19.821 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP008737.D
 Acq: 07 Jan 2022 21:15

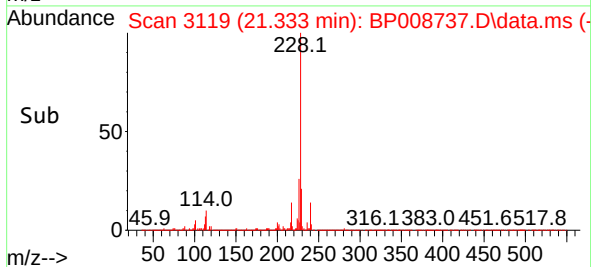
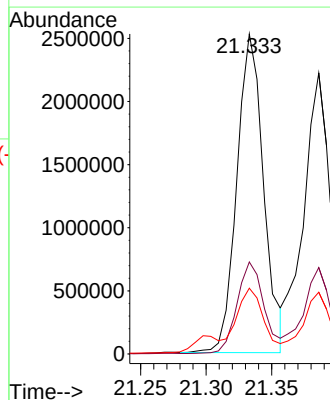
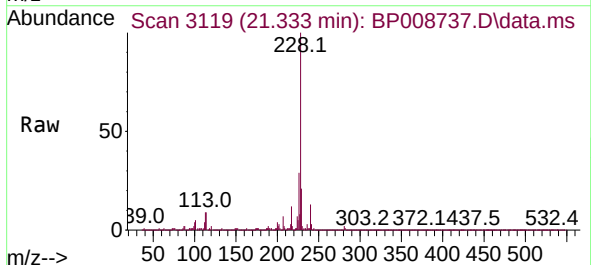
Instrument :
 BNA_P
 ClientSampleId :
 PX-2-010522

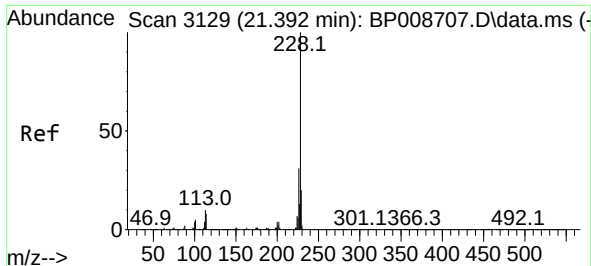
Tgt Ion:244 Resp: 9562610
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 9.8 9.2 13.8



#81
 Benzo(a)anthracene
 Concen: 19.583 ng
 RT: 21.333 min Scan# 3119
 Delta R.T. -0.006 min
 Lab File: BP008737.D
 Acq: 07 Jan 2022 21:15

Tgt Ion:228 Resp: 3586880
 Ion Ratio Lower Upper
 228 100
 226 28.7 23.3 34.9
 229 20.5 17.0 25.6

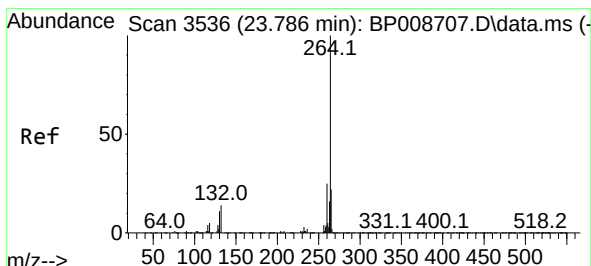
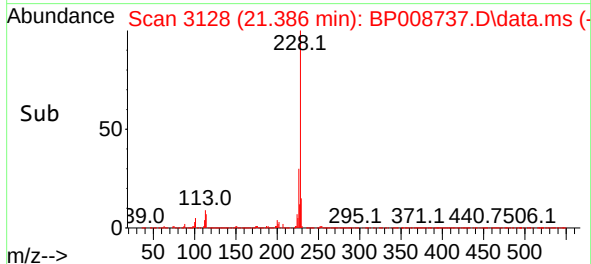
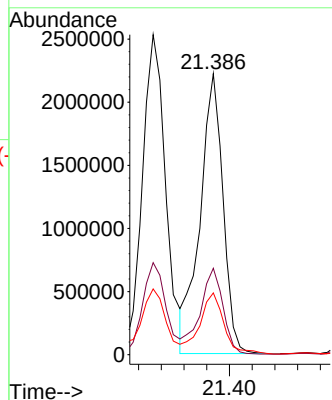
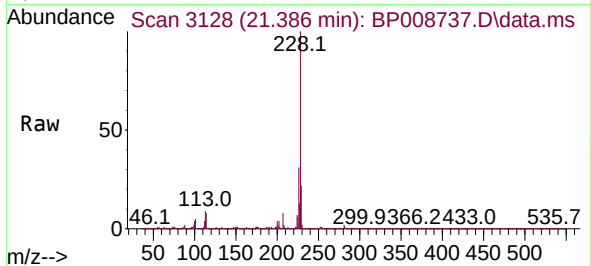




#83
Chrysene
Concen: 17.590 ng
RT: 21.386 min Scan# 3129
Delta R.T. -0.006 min
Lab File: BP008737.D
Acq: 07 Jan 2022 21:15

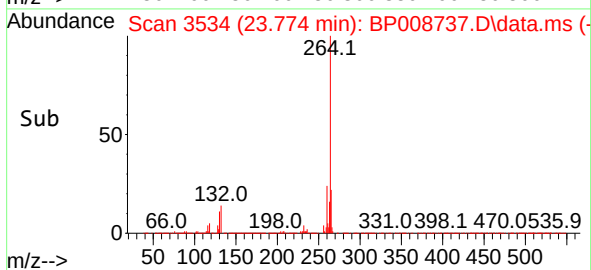
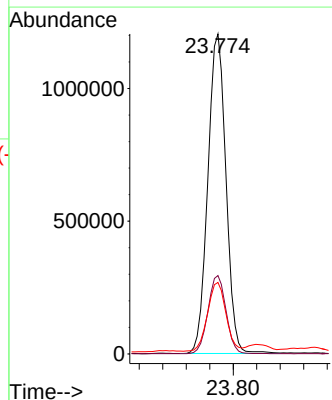
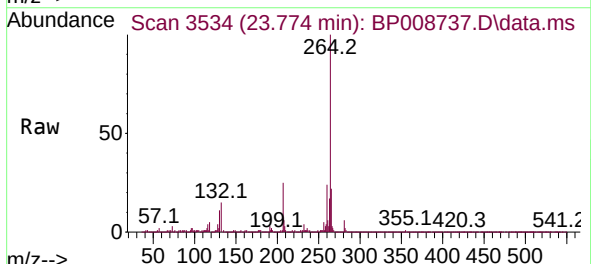
Instrument :
BNA_P
ClientSampleId :
PX-2-010522

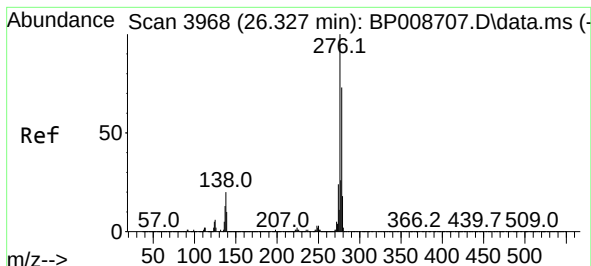
Tgt Ion:228 Resp: 3107901
Ion Ratio Lower Upper
228 100
226 30.8 26.0 39.0
229 22.0 16.9 25.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.774 min Scan# 3534
Delta R.T. -0.012 min
Lab File: BP008737.D
Acq: 07 Jan 2022 21:15

Tgt Ion:264 Resp: 2579020
Ion Ratio Lower Upper
264 100
260 24.5 19.1 28.7
265 22.4 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.042 ng

RT: 26.297 min Scan# 3408

Delta R.T. -0.030 min

Lab File: BP008737.D

Acq: 07 Jan 2022 21:15

Instrument :

BNA_P

ClientSampleId :

PX-2-010522

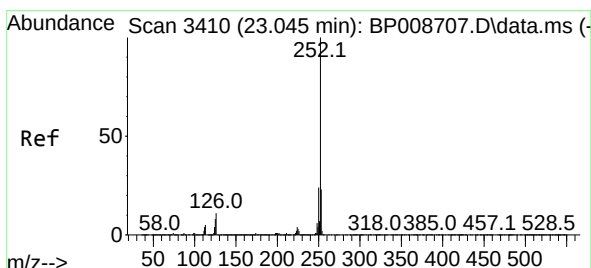
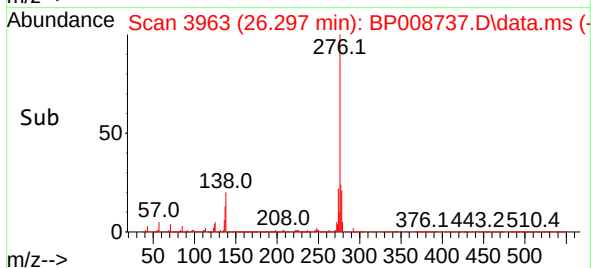
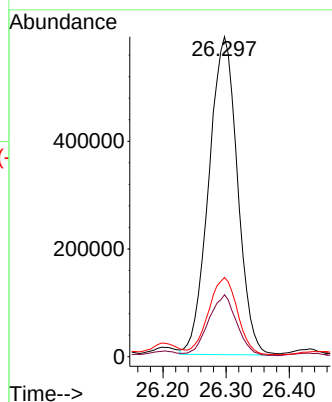
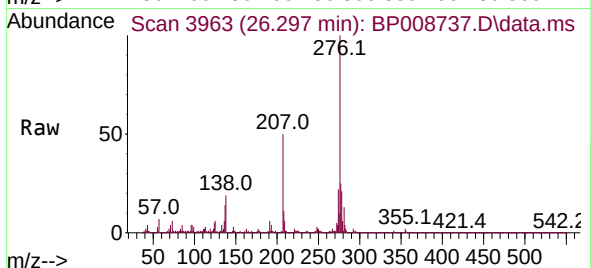
Tgt Ion:276 Resp: 1863396

Ion Ratio Lower Upper

276 100

138 18.8 17.8 26.6

277 24.4 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 25.328 ng

RT: 23.033 min Scan# 3408

Delta R.T. -0.012 min

Lab File: BP008737.D

Acq: 07 Jan 2022 21:15

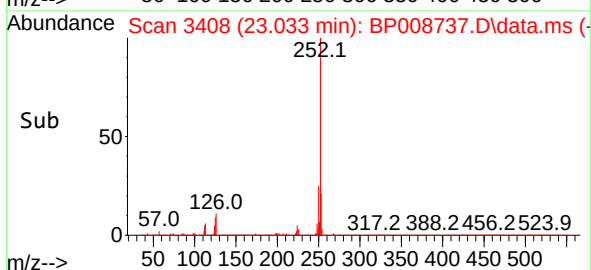
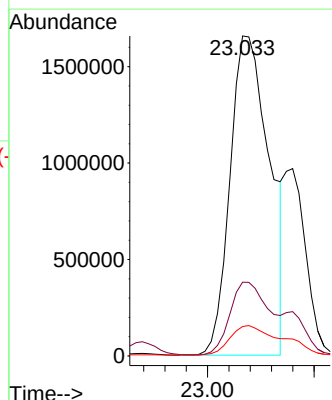
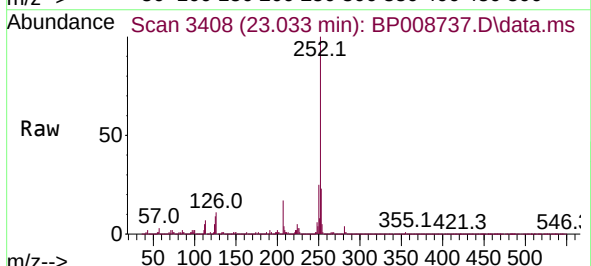
Tgt Ion:252 Resp: 4268147

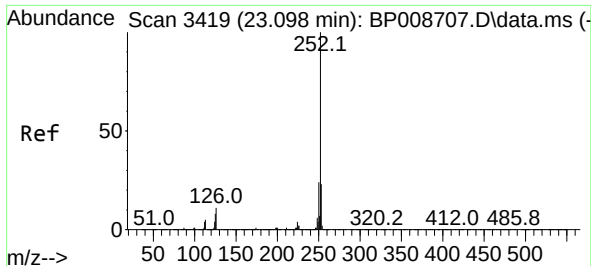
Ion Ratio Lower Upper

252 100

253 23.0 18.0 27.0

125 9.2 6.9 10.3

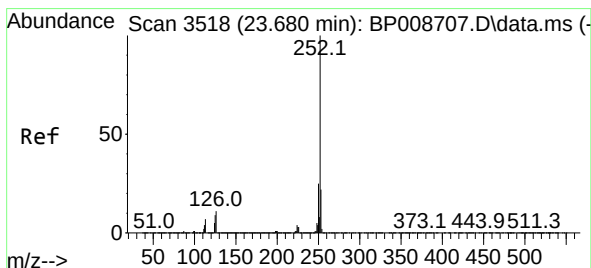
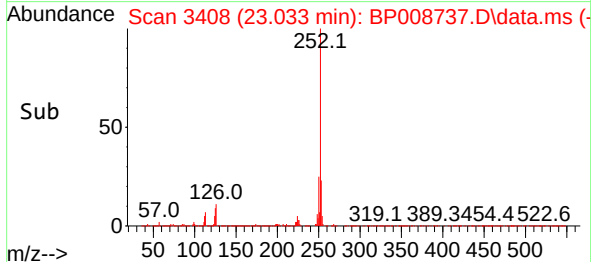
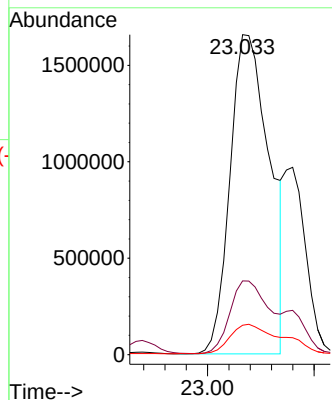
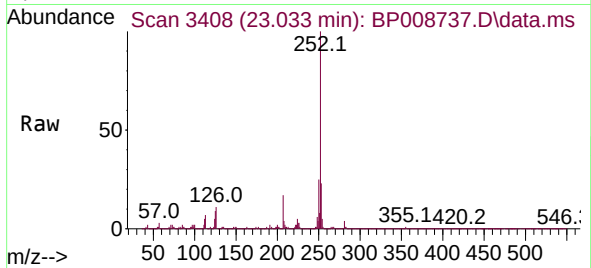




#89
Benzo(k)fluoranthene
Concen: 27.064 ng
RT: 23.033 min Scan# 3419
Delta R.T. -0.065 min
Lab File: BP008737.D
Acq: 07 Jan 2022 21:15

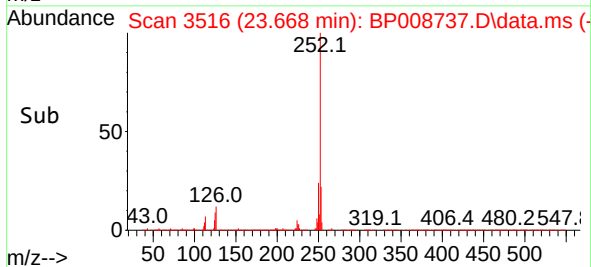
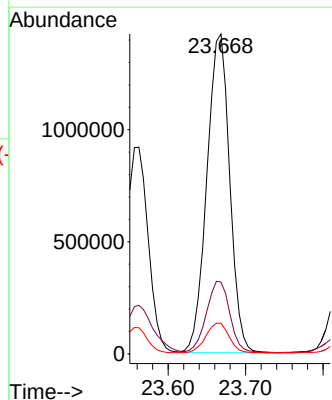
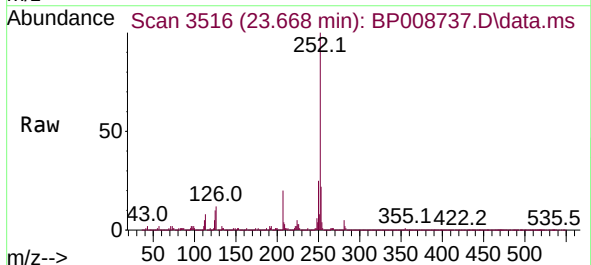
Instrument :
BNA_P
ClientSampleId :
PX-2-010522

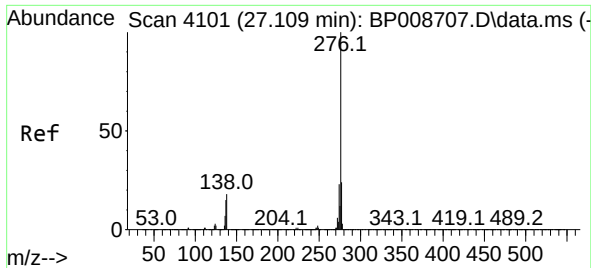
Tgt Ion:252 Resp: 4268147
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.2
125 9.2 7.3 10.9



#90
Benzo(a)pyrene
Concen: 17.868 ng
RT: 23.668 min Scan# 3516
Delta R.T. -0.012 min
Lab File: BP008737.D
Acq: 07 Jan 2022 21:15

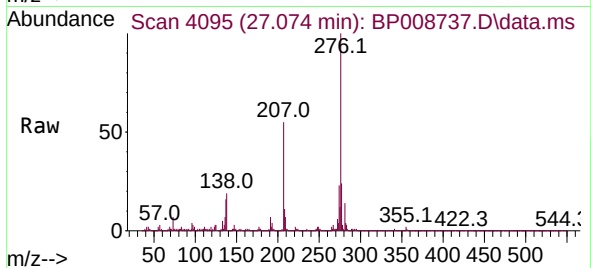
Tgt Ion:252 Resp: 2910167
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 9.6 7.8 11.6





#92
 Benzo(g,h,i)perylene
 Concen: 10.289 ng
 RT: 27.074 min Scan# 4095
 Delta R.T. -0.036 min
 Lab File: BP008737.D
 Acq: 07 Jan 2022 21:15

Instrument :
 BNA_P
 ClientSampleId :
 PX-2-010522



Tgt Ion:276 Resp: 1778387

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.2	28.8
138	18.7	15.0	22.4

