

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040422\
 Data File : BP009688.D
 Acq On : 04 Apr 2022 20:22
 Operator : CG/JU
 Sample : N2238-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 72-11966

Quant Time: Apr 04 23:27:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 31 04:36:51 2022
 Response via : Initial Calibration

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

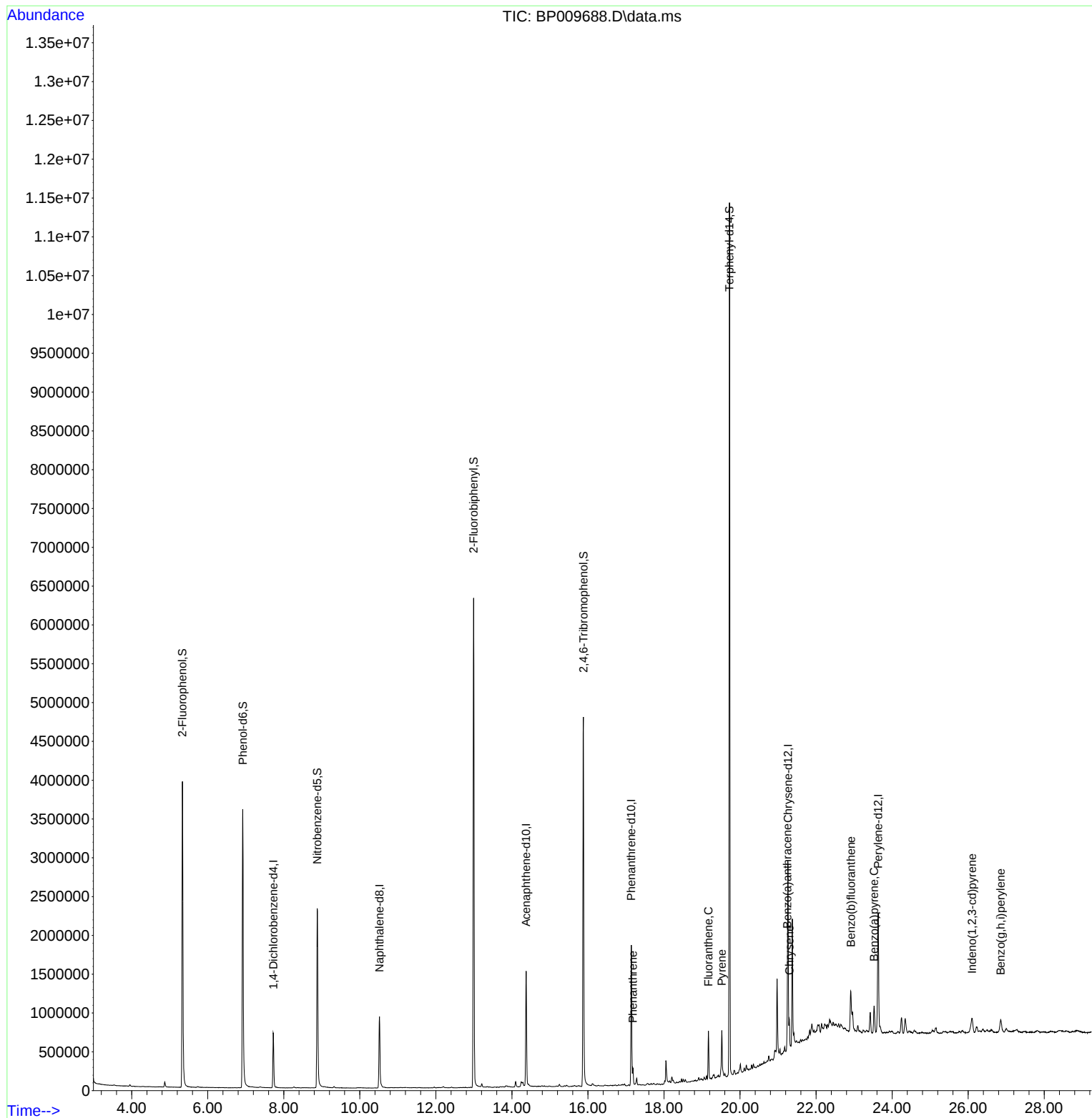
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	224077	20.000	ng	-0.01
21) Naphthalene-d8	10.516	136	908520	20.000	ng	-0.02
39) Acenaphthene-d10	14.375	164	566269	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	1177531	20.000	ng	-0.02
76) Chrysene-d12	21.263	240	1164809	20.000	ng	-0.01
86) Perylene-d12	23.633	264	1218222	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	2079297	162.012	ng	-0.01
7) Phenol-d6	6.922	99	2571575	148.162	ng	-0.01
23) Nitrobenzene-d5	8.881	82	1632069	95.462	ng	-0.02
42) 2,4,6-Tribromophenol	15.881	330	1094878	117.169	ng	-0.01
45) 2-Fluorobiphenyl	12.993	172	3660396	89.611	ng	-0.02
79) Terphenyl-d14	19.722	244	5717943	88.110	ng	-0.02
Target Compounds						
						Qvalue
71) Phenanthrene	17.181	178	141177	2.240	ng	99
75) Fluoranthene	19.169	202	384009	5.032	ng	99
78) Pyrene	19.522	202	388961	5.068	ng	99
81) Benzo(a)anthracene	21.245	228	234809	3.068	ng	96
83) Chrysene	21.298	228	221918	3.062	ng	98
87) Indeno(1,2,3-cd)pyrene	26.104	276	203130	2.198	ng	# 94
88) Benzo(b)fluoranthene	22.916	252	346856	4.769	ng	97
90) Benzo(a)pyrene	23.527	252	264096	4.244	ng	99
92) Benzo(g,h,i)perylene	26.857	276	228982	3.022	ng	97

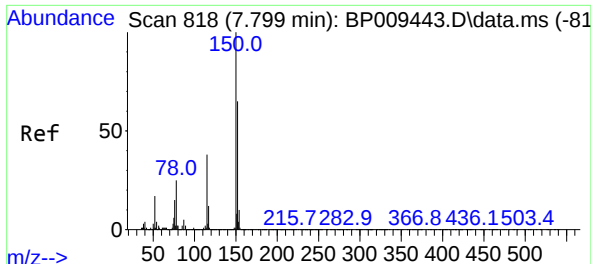
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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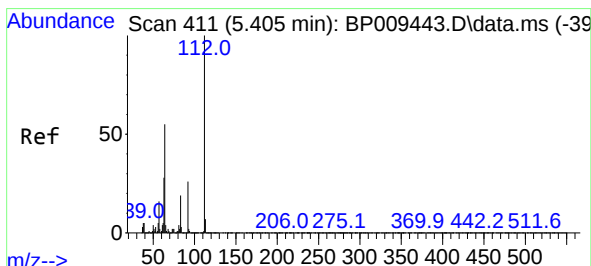
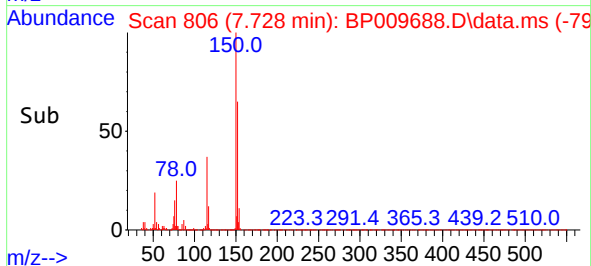
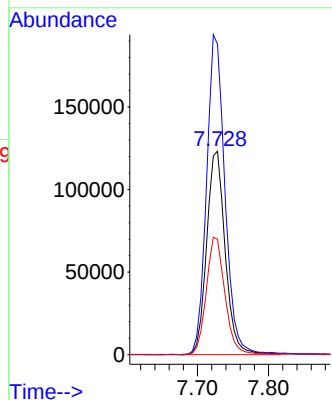
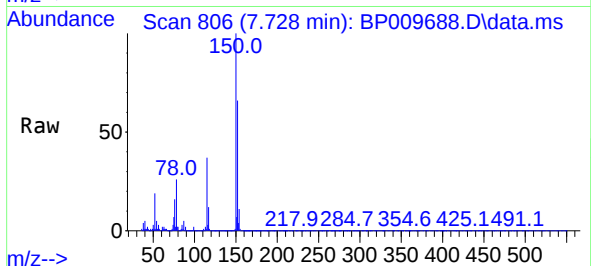




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP009688.D
Acq: 04 Apr 2022 20:22

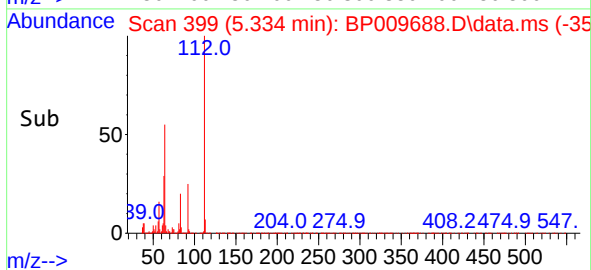
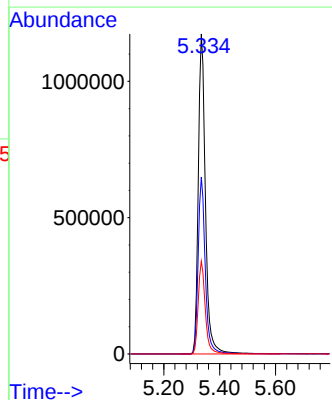
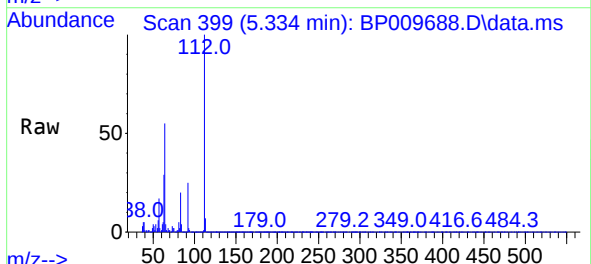
Instrument :
BNA_P
ClientSampleId :
72-11966

Tgt Ion:152 Resp: 224077
Ion Ratio Lower Upper
152 100
150 152.6 124.5 186.7
115 56.7 48.2 72.4



#5
2-Fluorophenol
Concen: 162.012 ng
RT: 5.334 min Scan# 399
Delta R.T. -0.012 min
Lab File: BP009688.D
Acq: 04 Apr 2022 20:22

Tgt Ion:112 Resp: 2079297
Ion Ratio Lower Upper
112 100
64 55.3 45.0 67.4
63 29.0 23.0 34.6

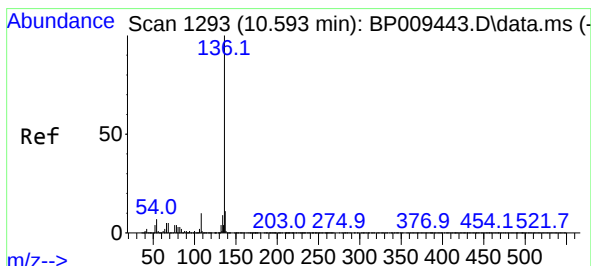
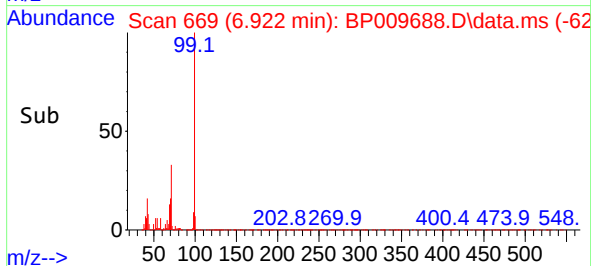
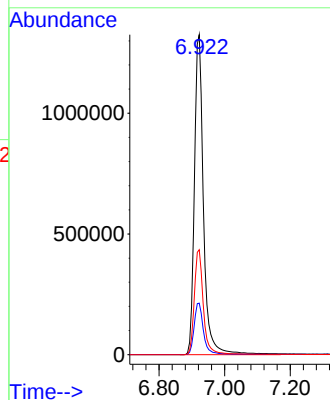
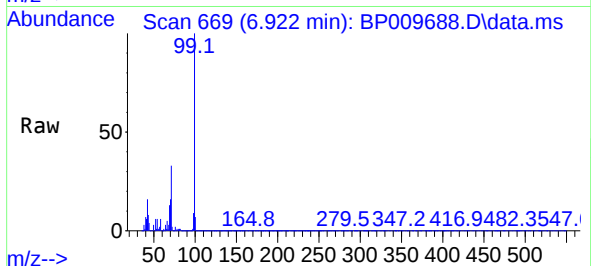




#7
Phenol-d6
Concen: 148.162 ng
RT: 6.922 min Scan# 60
Delta R.T. -0.012 min
Lab File: BP009688.D
Acq: 04 Apr 2022 20:22

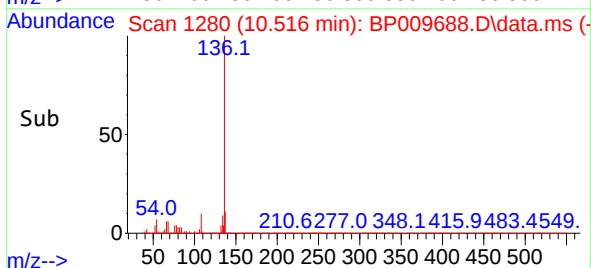
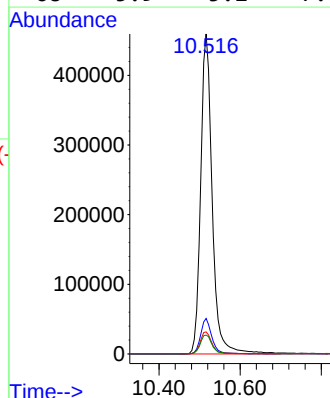
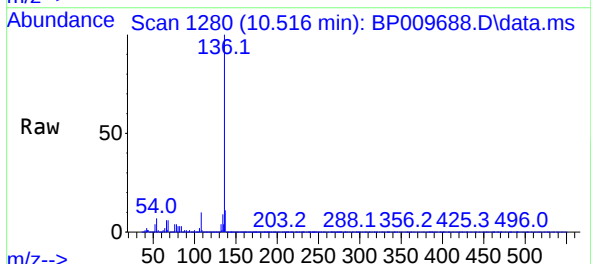
Instrument :
BNA_P
ClientSampleId :
72-11966

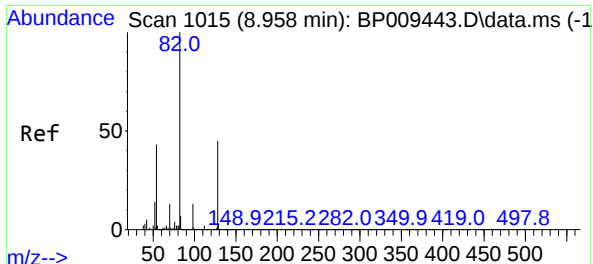
Tgt Ion: 99 Resp: 2571575
Ion Ratio Lower Upper
99 100
42 16.1 12.8 19.2
71 32.8 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1280
Delta R.T. -0.018 min
Lab File: BP009688.D
Acq: 04 Apr 2022 20:22

Tgt Ion:136 Resp: 908520
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 6.9 5.8 8.8
68 5.9 5.2 7.8





#23

Nitrobenzene-d5

Concen: 95.462 ng

RT: 8.881 min Scan# 1015

Delta R.T. -0.018 min

Lab File: BP009688.D

Acq: 04 Apr 2022 20:22

Instrument :

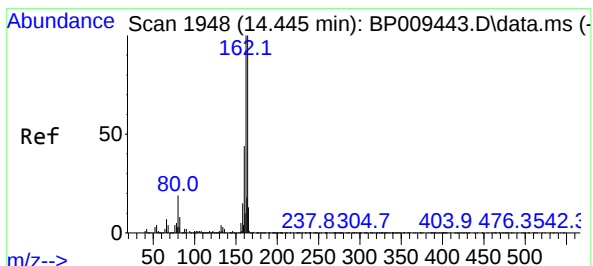
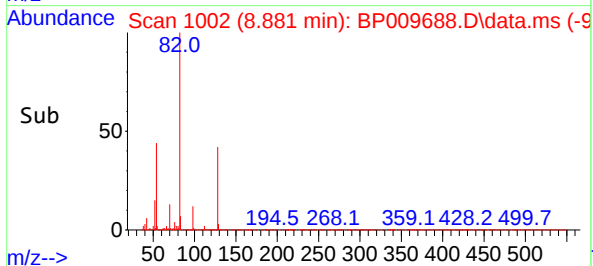
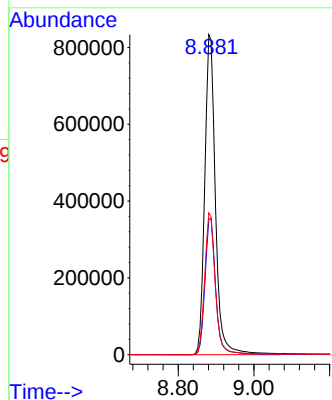
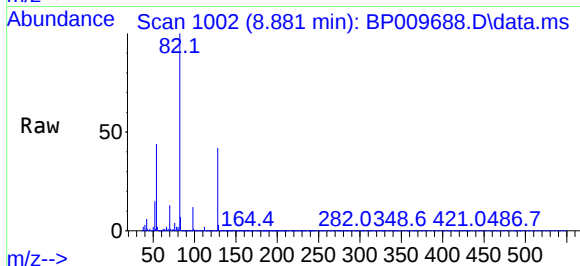
BNA_P

ClientSampleId :

72-11966

Tgt Ion: 82 Resp: 1632069

Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.2	51.4
54	44.3	34.7	52.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.375 min Scan# 1936

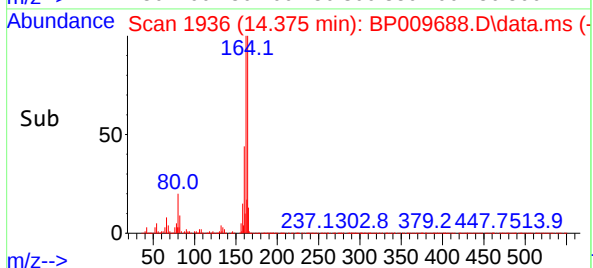
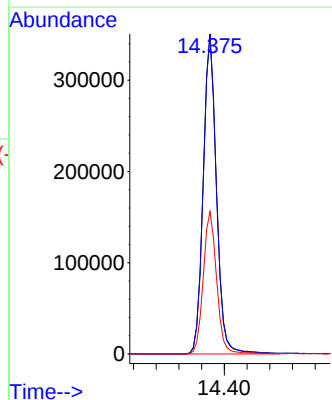
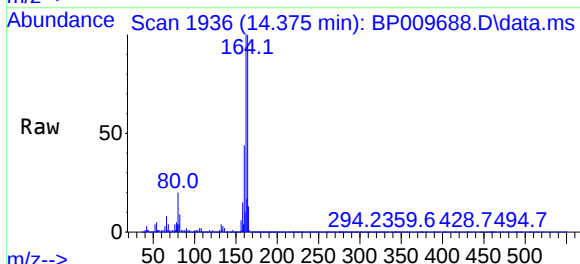
Delta R.T. -0.018 min

Lab File: BP009688.D

Acq: 04 Apr 2022 20:22

Tgt Ion:164 Resp: 566269

Ion	Ratio	Lower	Upper
164	100		
162	99.9	79.1	118.7
160	44.4	34.9	52.3

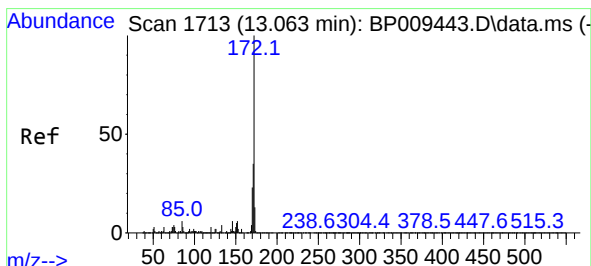
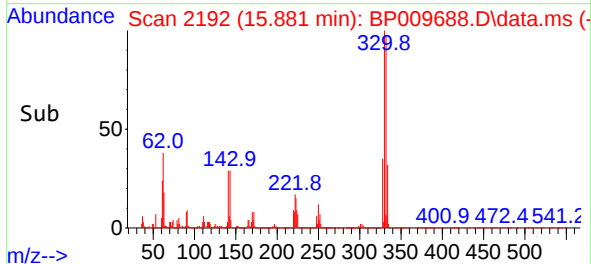
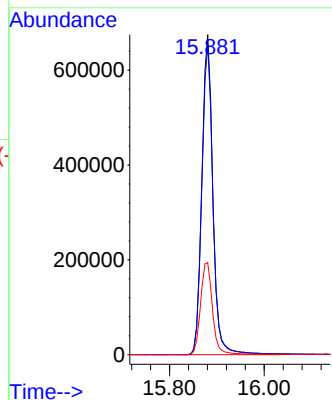
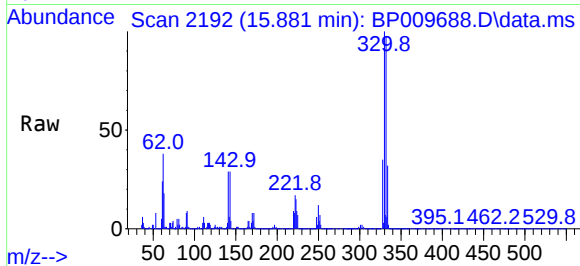




#42
2,4,6-Tribromophenol
Concen: 117.169 ng
RT: 15.881 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP009688.D
Acq: 04 Apr 2022 20:22

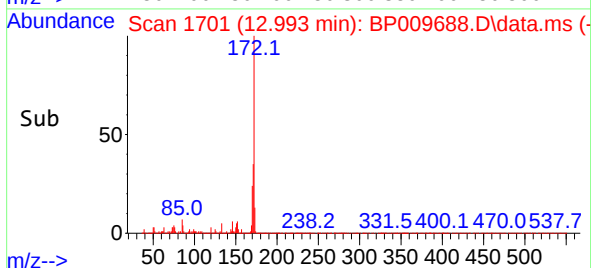
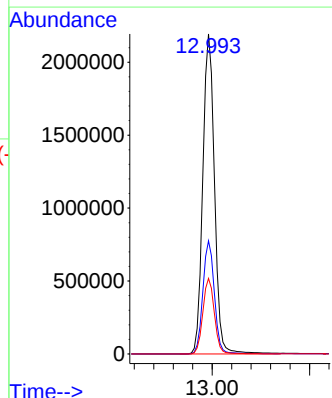
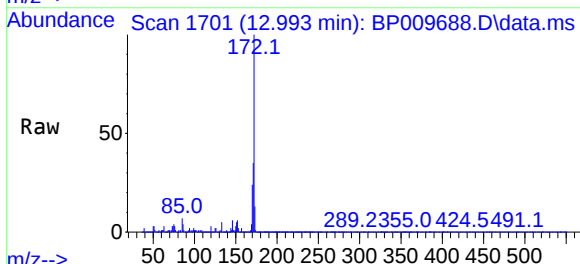
Instrument :
BNA_P
ClientSampleId :
72-11966

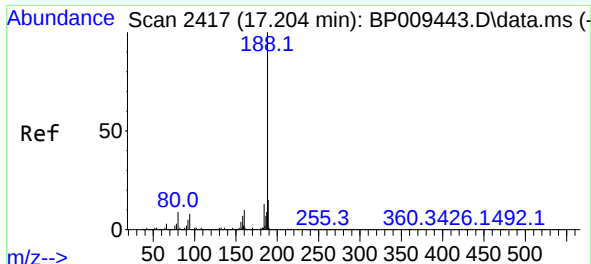
Tgt Ion:330 Resp: 1094878
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.6
141 31.0 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 89.611 ng
RT: 12.993 min Scan# 1701
Delta R.T. -0.018 min
Lab File: BP009688.D
Acq: 04 Apr 2022 20:22

Tgt Ion:172 Resp: 3660396
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 23.6 18.6 27.8

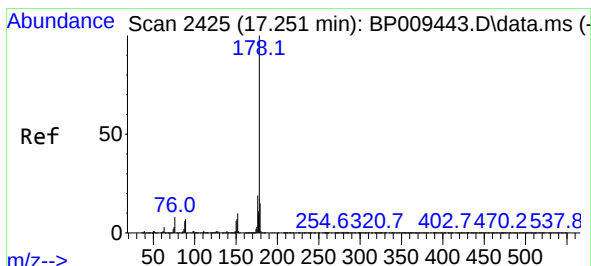
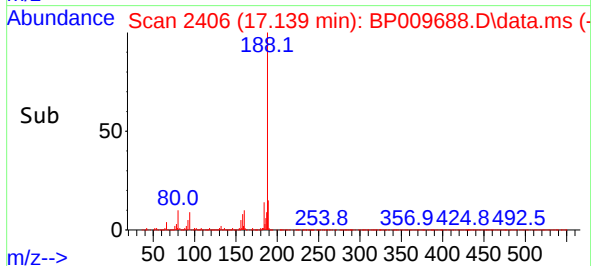
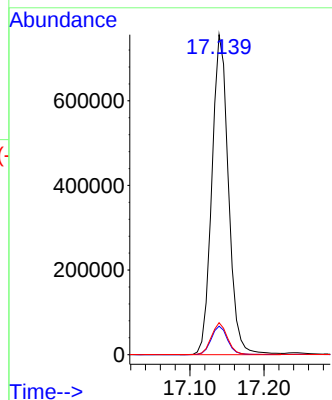
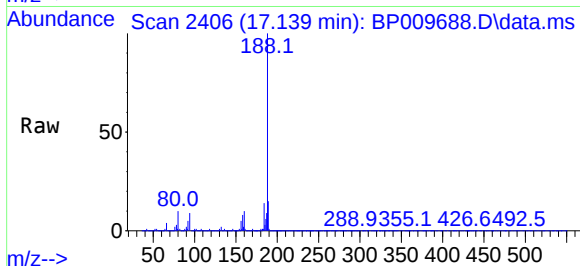




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2413
Delta R.T. -0.018 min
Lab File: BP009688.D
Acq: 04 Apr 2022 20:22

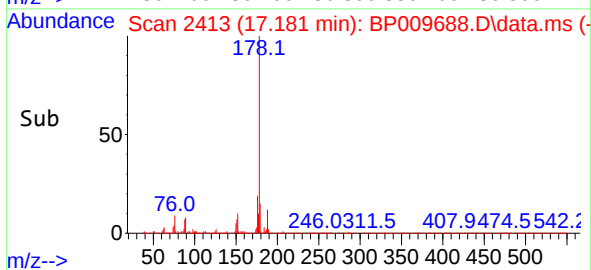
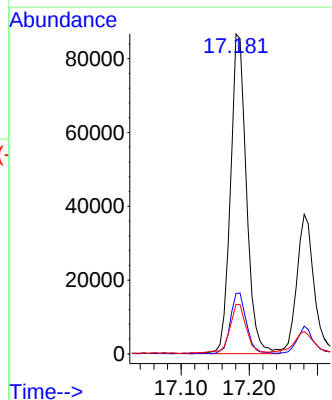
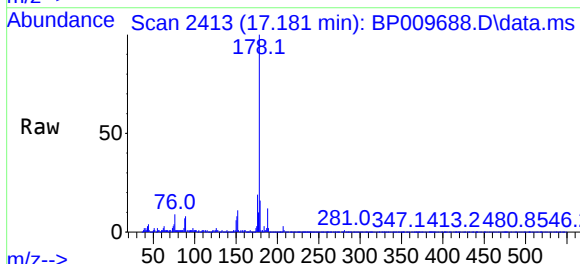
Instrument :
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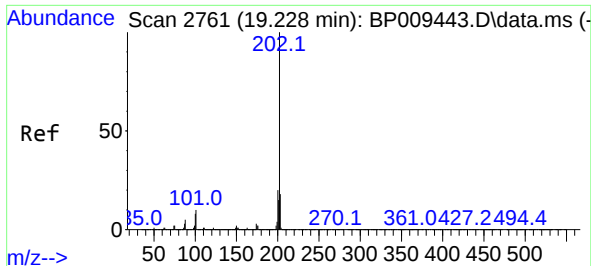
Tgt Ion:188 Resp: 1177531
Ion Ratio Lower Upper
188 100
94 8.9 7.9 11.9
80 10.0 8.8 13.2



#71
Phenanthrene
Concen: 2.240 ng
RT: 17.181 min Scan# 2413
Delta R.T. -0.018 min
Lab File: BP009688.D
Acq: 04 Apr 2022 20:22

Tgt Ion:178 Resp: 141177
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.5 12.3 18.5

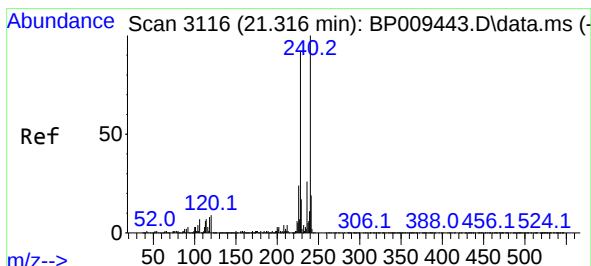
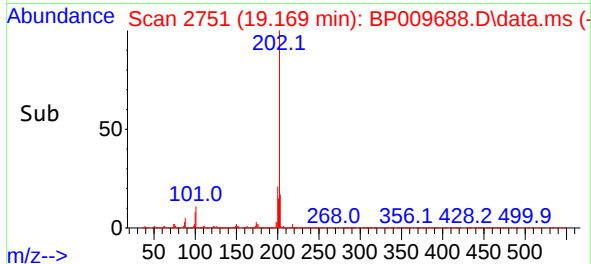
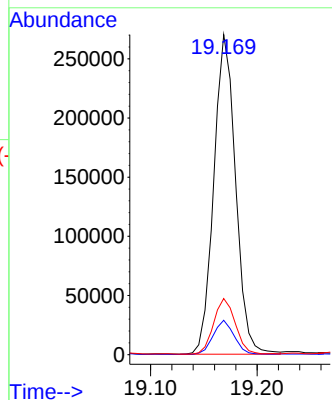
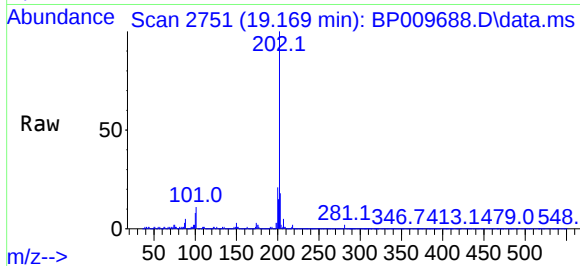




#75
Fluoranthene
Concen: 5.032 ng
RT: 19.169 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP009688.D
Acq: 04 Apr 2022 20:22

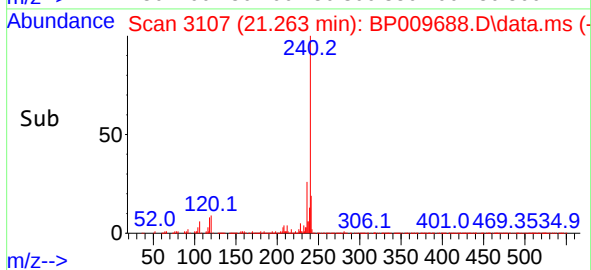
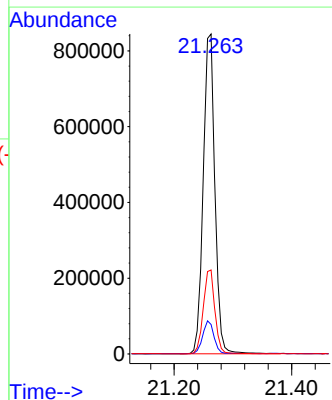
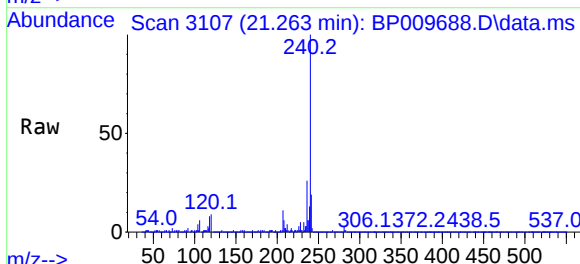
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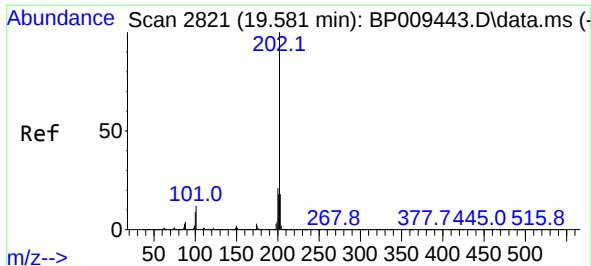
Tgt Ion:202 Resp: 384009
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.5
203 17.5 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.263 min Scan# 3107
Delta R.T. -0.012 min
Lab File: BP009688.D
Acq: 04 Apr 2022 20:22

Tgt Ion:240 Resp: 1164809
Ion Ratio Lower Upper
240 100
120 9.2 9.0 13.4
236 26.2 20.6 30.8

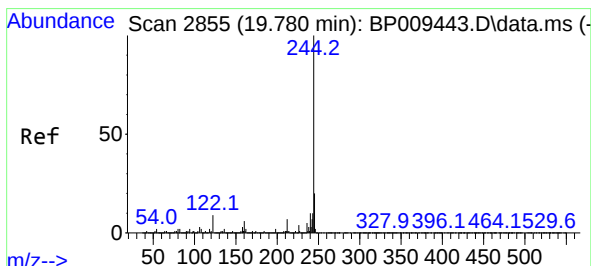
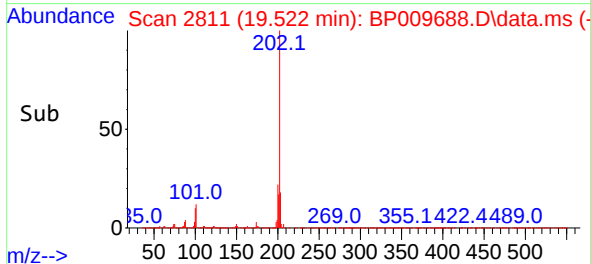
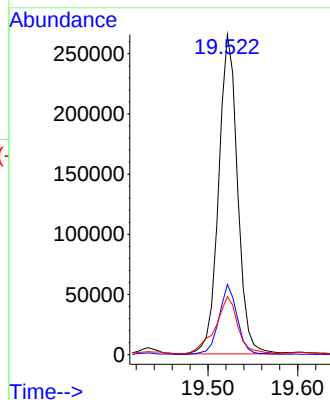
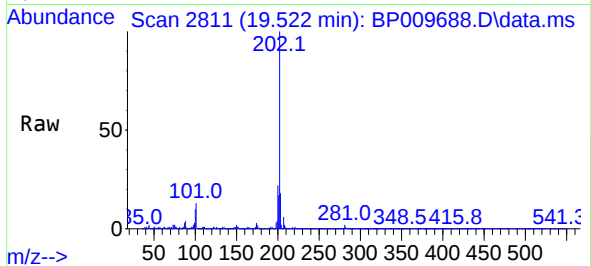




#78
 Pyrene
 Concen: 5.068 ng
 RT: 19.522 min Scan# 2811
 Delta R.T. -0.018 min
 Lab File: BP009688.D
 Acq: 04 Apr 2022 20:22

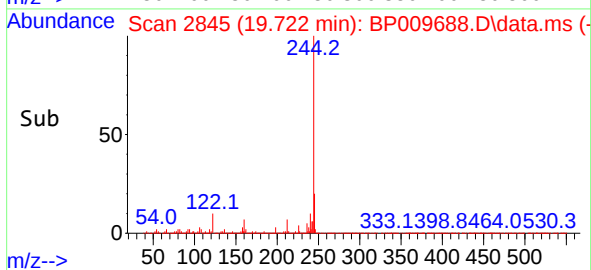
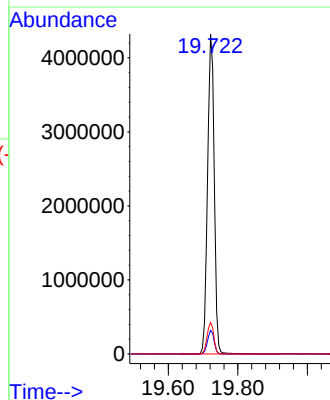
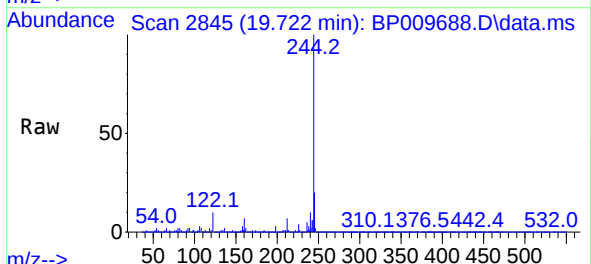
Instrument :
 BNA_P
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 72-11966

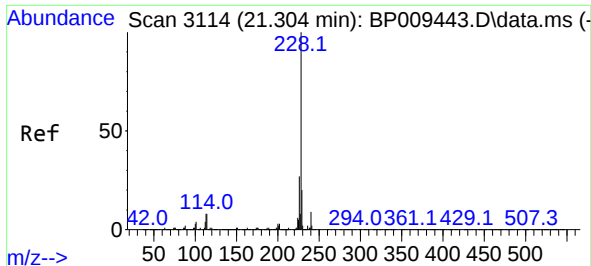
Tgt Ion:202 Resp: 388961
 Ion Ratio Lower Upper
 202 100
 200 22.0 16.8 25.2
 203 18.1 14.2 21.4



#79
 Terphenyl-d14
 Concen: 88.110 ng
 RT: 19.722 min Scan# 2845
 Delta R.T. -0.018 min
 Lab File: BP009688.D
 Acq: 04 Apr 2022 20:22

Tgt Ion:244 Resp: 5717943
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 9.9 8.3 12.5

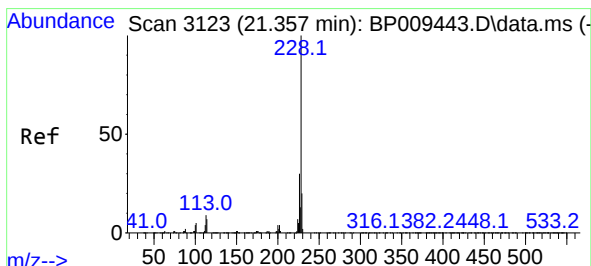
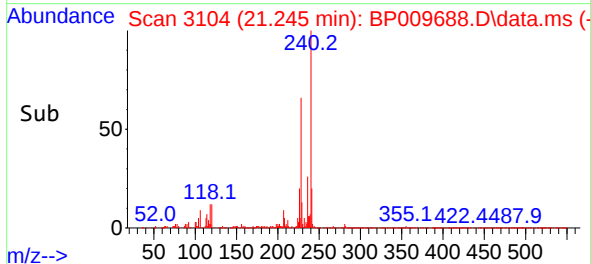
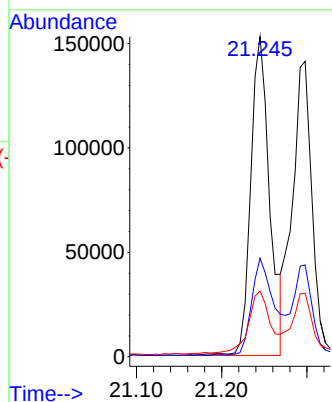
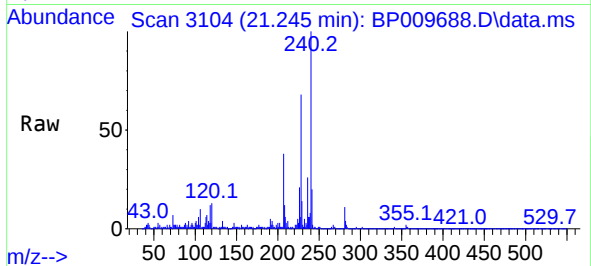




#81
Benzo(a)anthracene
Concen: 3.068 ng
RT: 21.245 min Scan# 3114
Delta R.T. -0.018 min
Lab File: BP009688.D
Acq: 04 Apr 2022 20:22

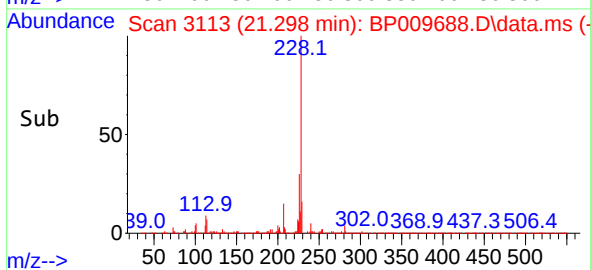
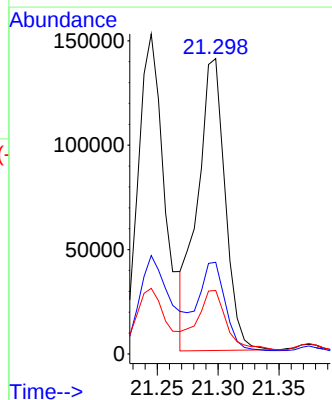
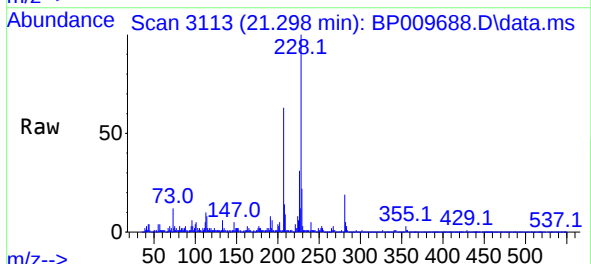
Instrument :
BNA_P
ClientSampleId :
72-11966

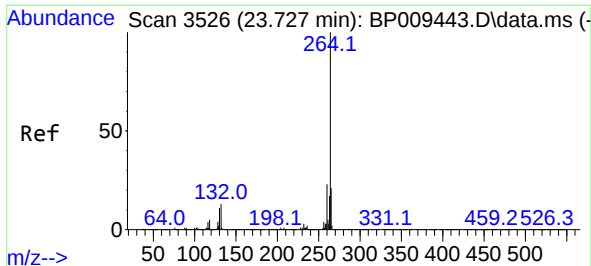
Tgt Ion:228 Resp: 234809
Ion Ratio Lower Upper
228 100
226 30.8 22.0 33.0
229 20.5 16.1 24.1



#83
Chrysene
Concen: 3.062 ng
RT: 21.298 min Scan# 3113
Delta R.T. -0.012 min
Lab File: BP009688.D
Acq: 04 Apr 2022 20:22

Tgt Ion:228 Resp: 221918
Ion Ratio Lower Upper
228 100
226 31.0 24.2 36.2
229 21.5 16.1 24.1



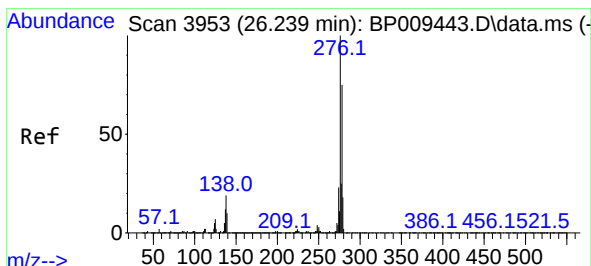
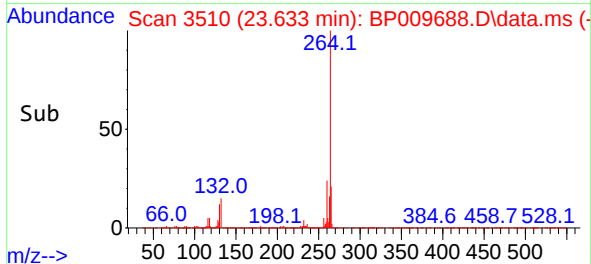
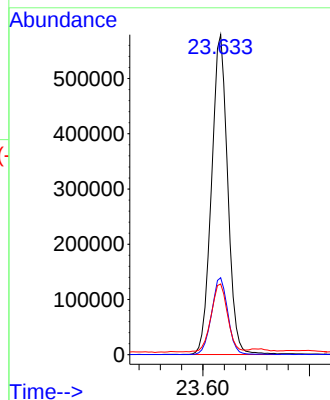
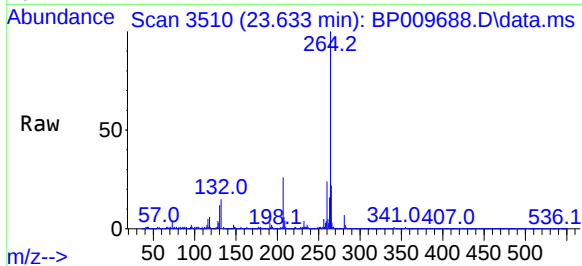


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.633 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP009688.D
Acq: 04 Apr 2022 20:22

Instrument :
BNA_P
ClientSampleId :
72-11966

Tgt Ion:264 Resp: 1218222

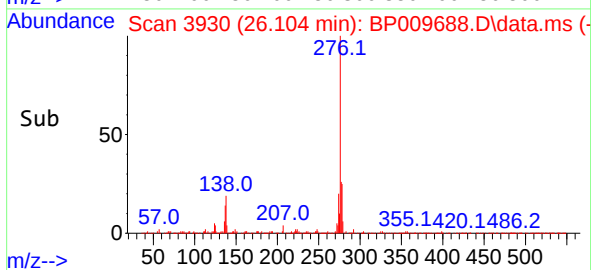
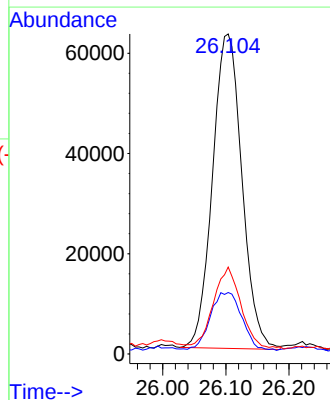
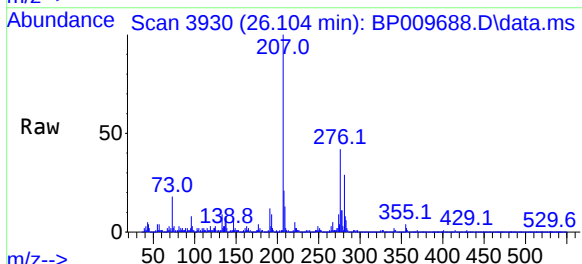
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	22.1	17.2	25.8

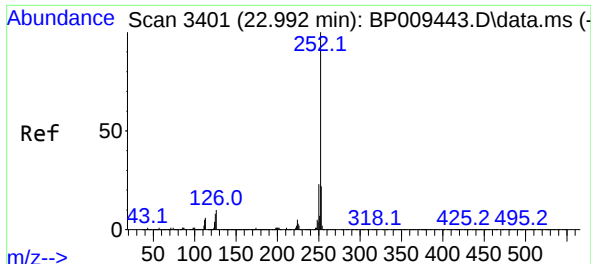


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.198 ng
RT: 26.104 min Scan# 3930
Delta R.T. -0.035 min
Lab File: BP009688.D
Acq: 04 Apr 2022 20:22

Tgt Ion:276 Resp: 203130

Ion	Ratio	Lower	Upper
276	100		
138	19.9	20.5	30.7#
277	24.8	20.4	30.6

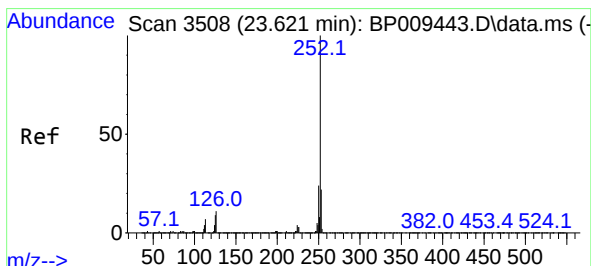
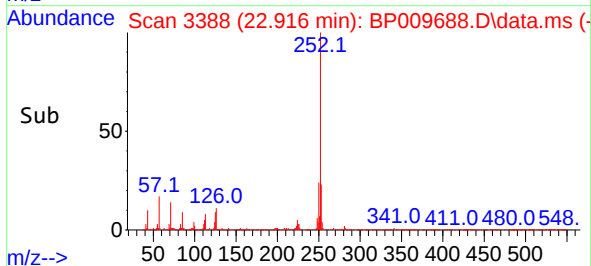
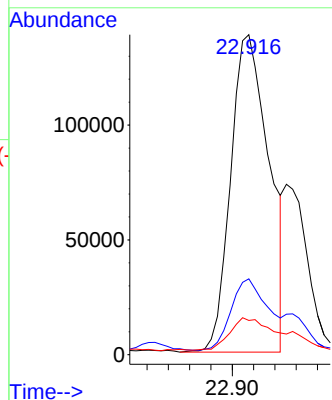
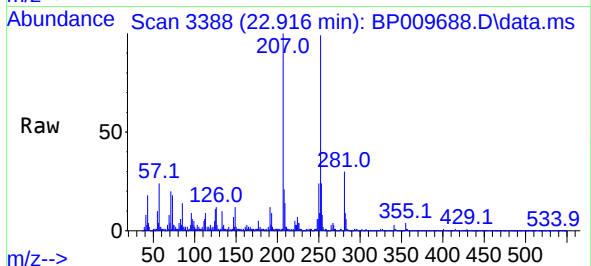




#88
Benzo(b)fluoranthene
Concen: 4.769 ng
RT: 22.916 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP009688.D
Acq: 04 Apr 2022 20:22

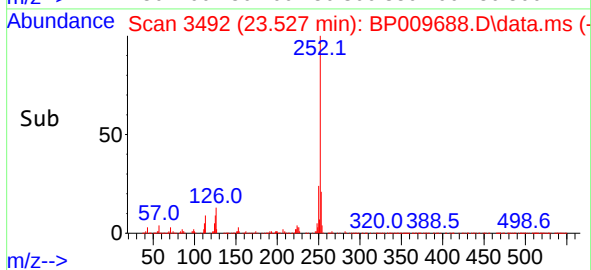
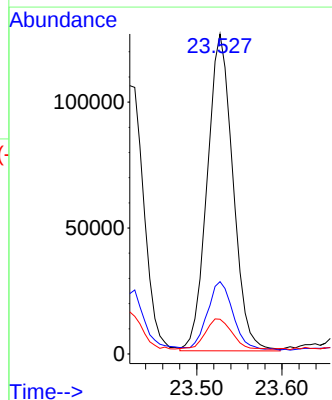
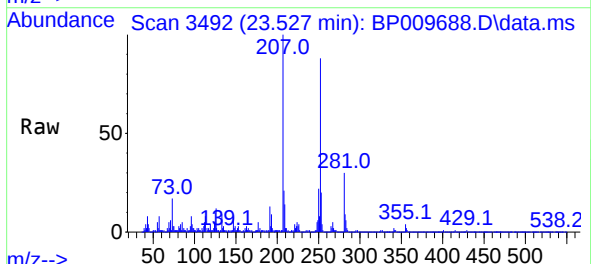
Instrument :
BNA_P
ClientSampleId :
72-11966

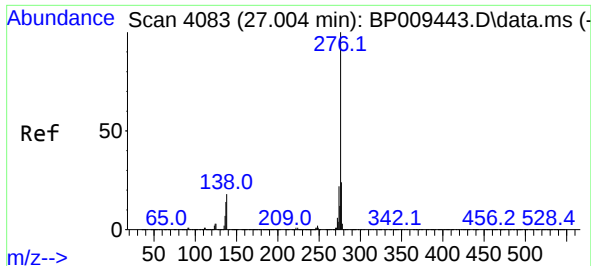
Tgt Ion:252 Resp: 346856
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.8
125 10.7 8.1 12.1



#90
Benzo(a)pyrene
Concen: 4.244 ng
RT: 23.527 min Scan# 3492
Delta R.T. -0.023 min
Lab File: BP009688.D
Acq: 04 Apr 2022 20:22

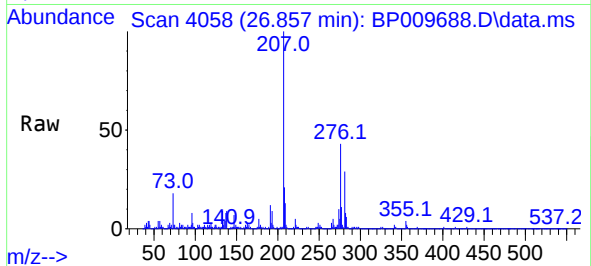
Tgt Ion:252 Resp: 264096
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 10.8 9.3 13.9





#92
Benzo(g,h,i)perylene
Concen: 3.022 ng
RT: 26.857 min Scan# 40
Delta R.T. -0.041 min
Lab File: BP009688.D
Acq: 04 Apr 2022 20:22

Instrument :
BNA_P
ClientSampleId :
72-11966



Tgt Ion:276 Resp: 228982
Ion Ratio Lower Upper
276 100
277 25.5 19.2 28.8
138 20.9 18.0 27.0

