

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011421\
 Data File : BP004560.D
 Acq On : 14 Jan 2021 16:55
 Operator : CG/JU
 Sample : M1004-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BG-2

Quant Time: Jan 14 21:51:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 12 15:19:32 2021
 Response via : Initial Calibration

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

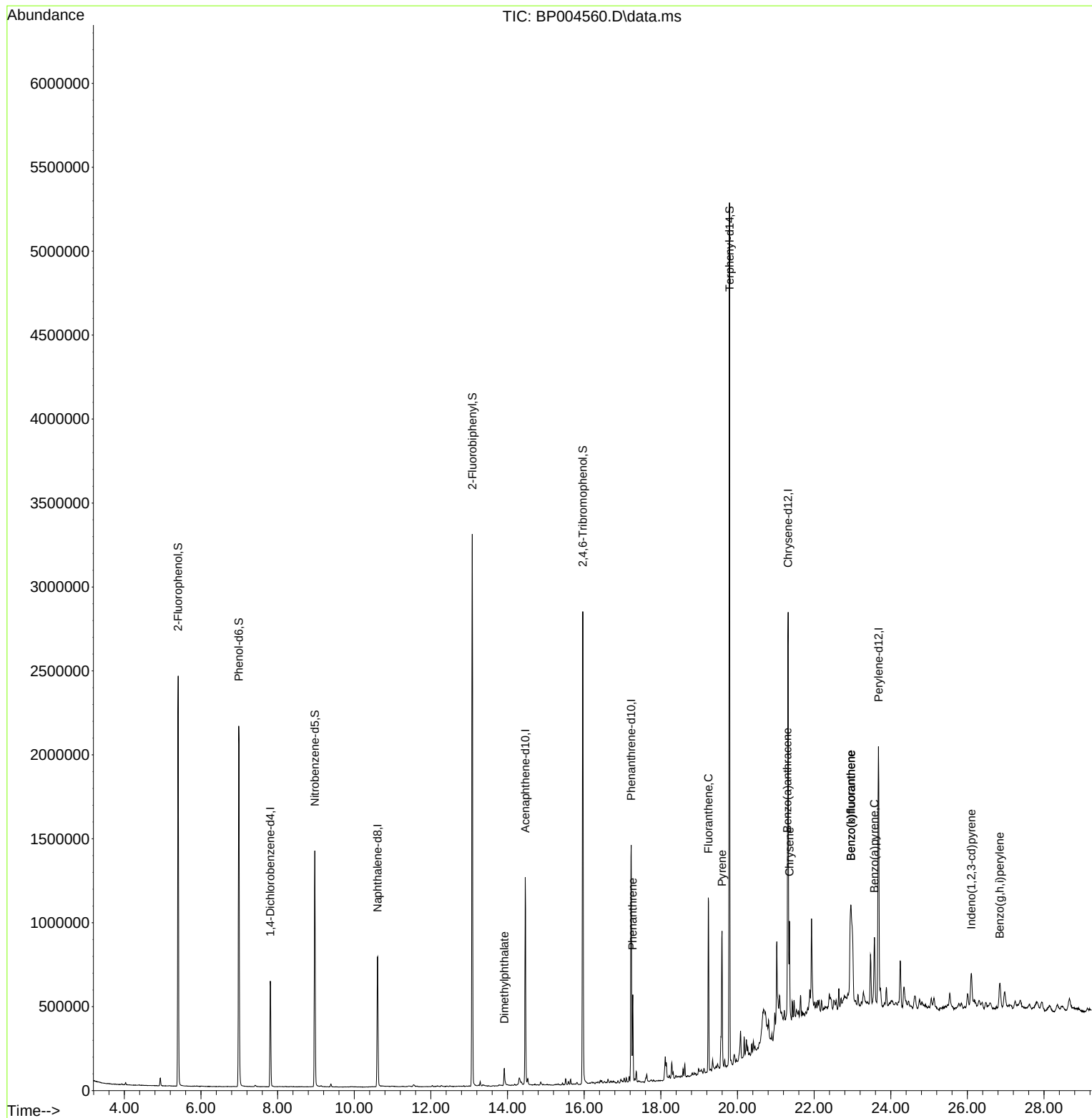
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	196072	20.00	ng	0.00
21) Naphthalene-d8	10.610	136	719780	20.00	ng	# 0.00
39) Acenaphthene-d10	14.463	164	433418	20.00	ng	0.00
64) Phenanthrene-d10	17.228	188	927340	20.00	ng	0.00
76) Chrysene-d12	21.322	240	1094444	20.00	ng	0.00
86) Perylene-d12	23.680	264	1223378	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	1214628	107.97	ng	0.00
7) Phenol-d6	6.987	99	1450177	94.12	ng	0.00
23) Nitrobenzene-d5	8.969	82	862859	67.77	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	653053	86.66	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	1842439	55.26	ng	0.00
79) Terphenyl-d14	19.792	244	2290342	38.23	ng	0.00
Target Compounds						
9) Benzaldehyde	6.993	77	3245	Below Cal	#	5
32) Benzoic acid	9.934	122	71	Below Cal	#	75
41) Hexachlorocyclopentadiene	12.634	237	32	Below Cal		72
50) Dimethylphthalate	13.916	163	78828	2.19	ng	99
54) 2,4-Dinitrophenol	14.575	184	17	Below Cal	#	1
71) Phenanthrene	17.269	178	315212	5.93	ng	99
75) Fluoranthene	19.239	202	637171	9.85	ng	99
78) Pyrene	19.598	202	534249	7.17	ng	99
81) Benzo(a)anthracene	21.304	228	319600	4.29	ng	98
83) Chrysene	21.357	228	345324	4.87	ng	98
87) Indeno(1,2,3-cd)pyrene	26.104	276	219802	2.33	ng	# 94
88) Benzo(b)fluoranthene	22.963	252	486950	6.15	ng	97
89) Benzo(k)fluoranthene	22.963	252	486950	6.45	ng	97
90) Benzo(a)pyrene	23.574	252	312197	4.23	ng	97
92) Benzo(g,h,i)perylene	26.845	276	217820	2.84	ng	97

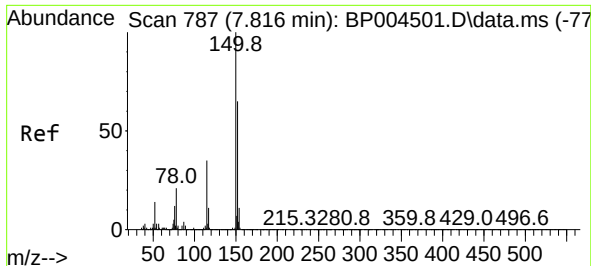
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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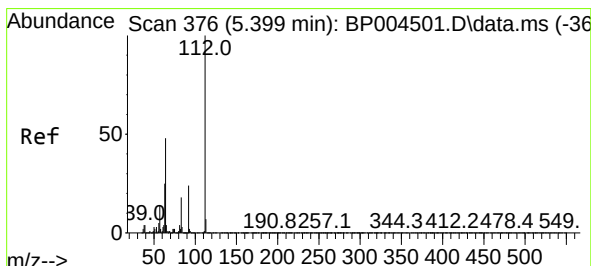
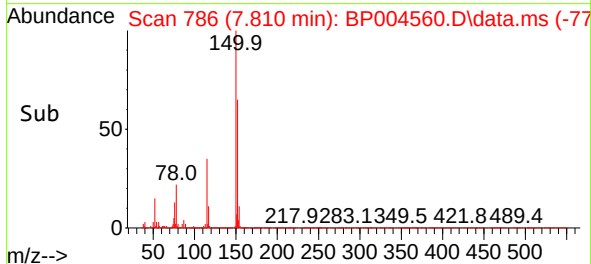
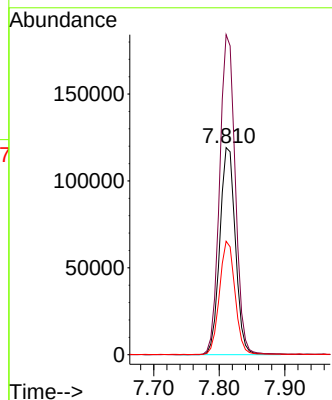
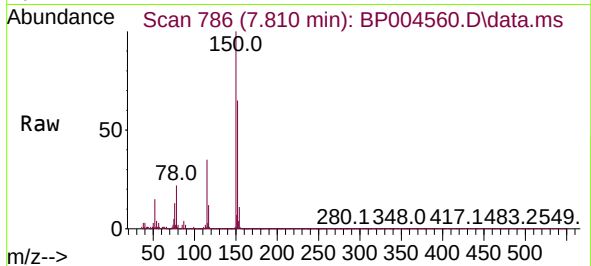




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.810 min Scan# 786
Delta R.T. -0.006 min
Lab File: BP004560.D
Acq: 14 Jan 2021 16:55

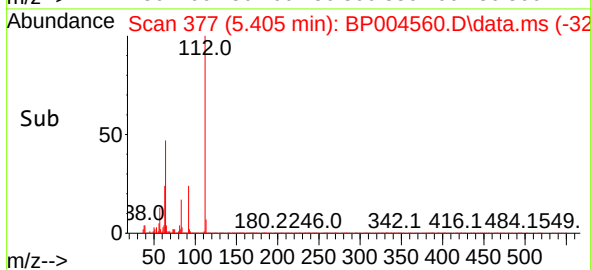
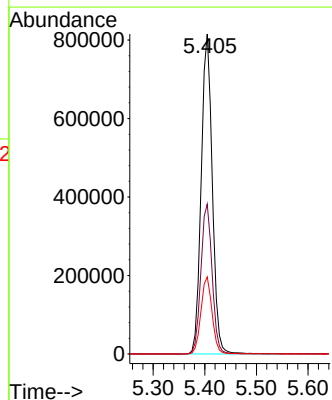
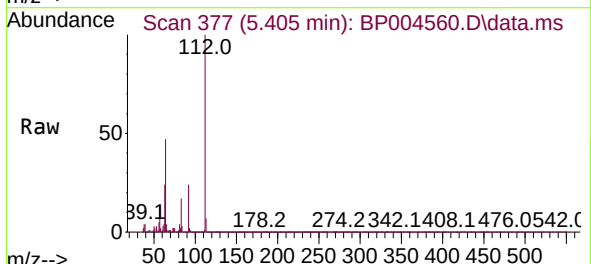
Instrument :
BNA_P
ClientSampleId :
BG-2

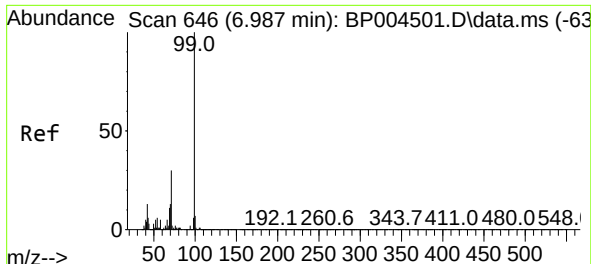
Tgt Ion:152 Resp: 196072
Ion Ratio Lower Upper
152 100
150 154.6 123.8 185.6
115 54.8 43.8 65.6



#5
2-Fluorophenol
Concen: 107.97 ng
RT: 5.405 min Scan# 377
Delta R.T. 0.006 min
Lab File: BP004560.D
Acq: 14 Jan 2021 16:55

Tgt Ion:112 Resp: 1214628
Ion Ratio Lower Upper
112 100
64 46.8 32.8 49.2
63 24.1 17.0 25.4



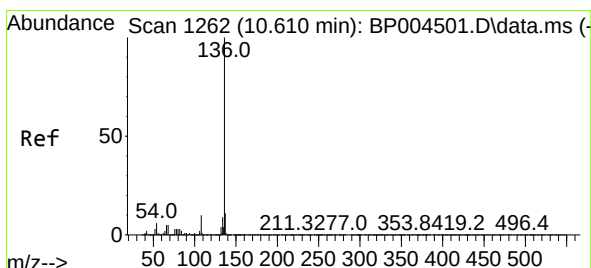
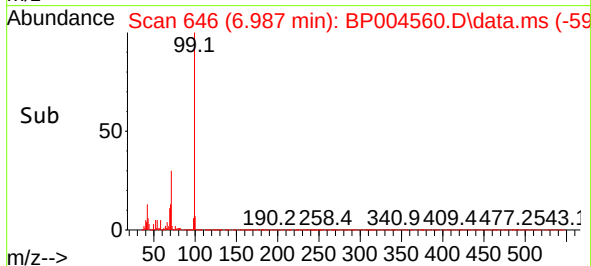
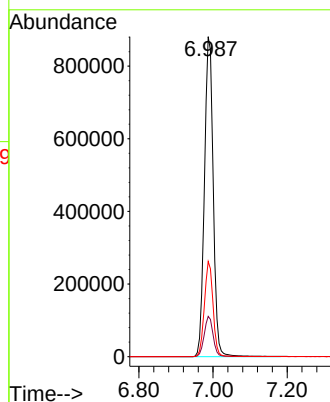
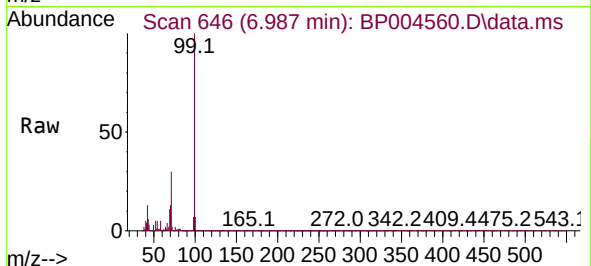


#7
Phenol-d6
Concen: 94.12 ng
RT: 6.987 min Scan# 646
Delta R.T. 0.000 min
Lab File: BP004560.D
Acq: 14 Jan 2021 16:55

Instrument :
BNA_P
ClientSampleId :
BG-2

Tgt Ion: 99 Resp: 1450177

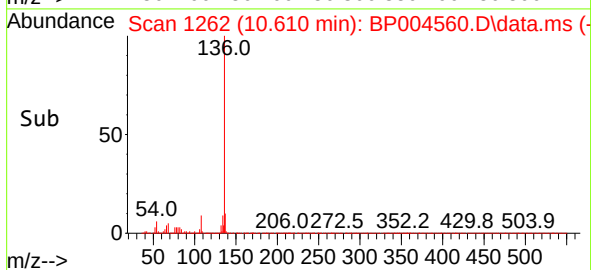
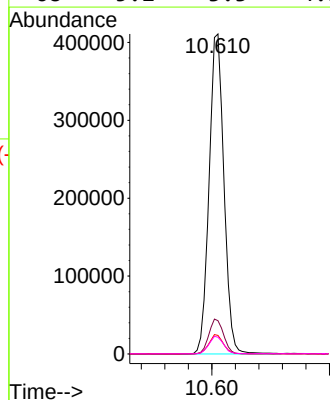
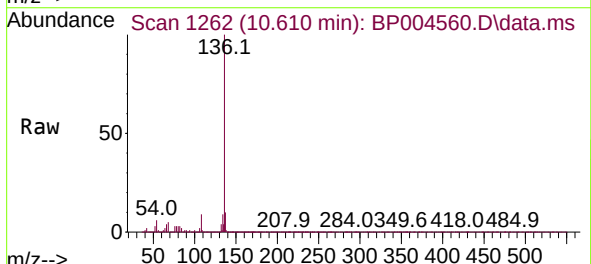
Ion	Ratio	Lower	Upper
99	100		
42	12.6	8.6	13.0
71	29.8	23.4	35.2

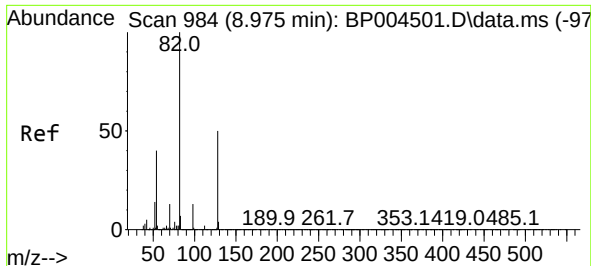


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.610 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BP004560.D
Acq: 14 Jan 2021 16:55

Tgt Ion: 136 Resp: 719780

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	5.8	3.6	5.4#
68	5.2	3.3	4.9#

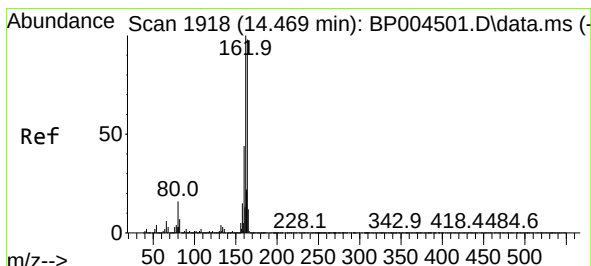
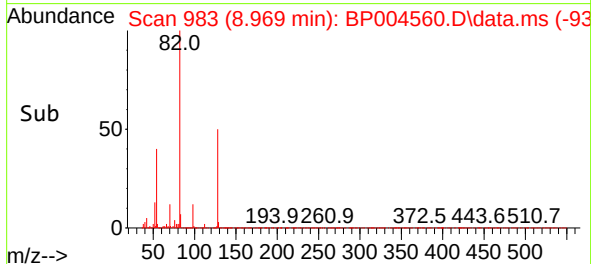
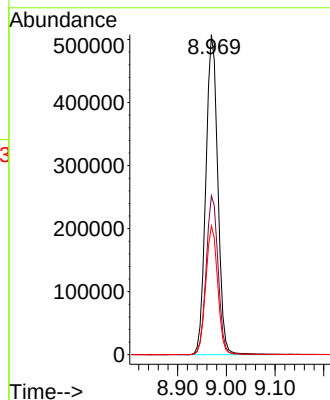
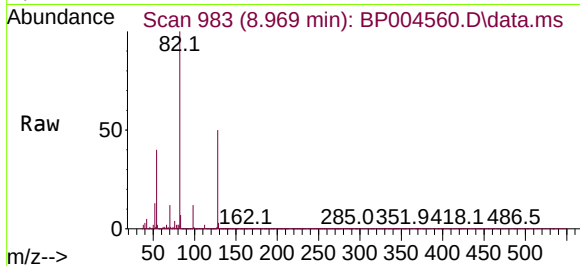




#23
Nitrobenzene-d5
Concen: 67.77 ng
RT: 8.969 min Scan# 983
Delta R.T. -0.006 min
Lab File: BP004560.D
Acq: 14 Jan 2021 16:55

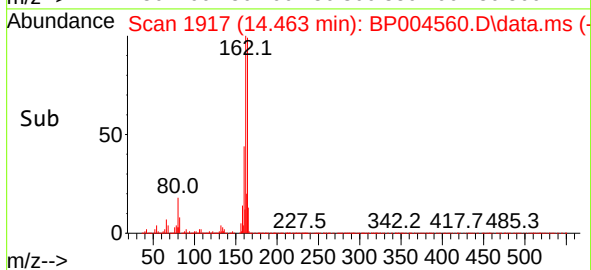
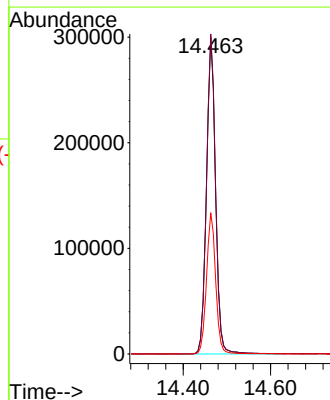
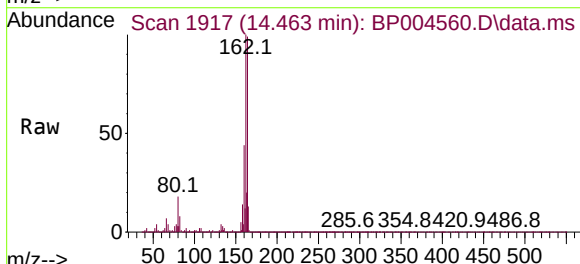
Instrument :
BNA_P
ClientSampleId :
BG-2

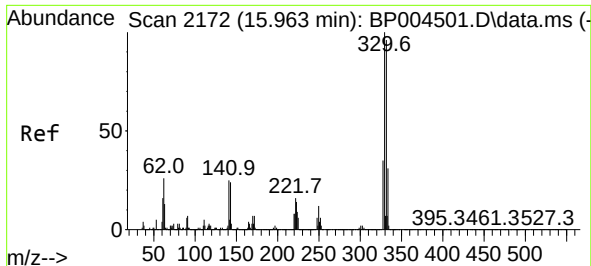
Tgt Ion: 82 Resp: 862859
Ion Ratio Lower Upper
82 100
128 49.7 45.6 68.4
54 40.3 30.1 45.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.463 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP004560.D
Acq: 14 Jan 2021 16:55

Tgt Ion: 164 Resp: 433418
Ion Ratio Lower Upper
164 100
162 101.0 79.4 119.2
160 44.6 36.1 54.1

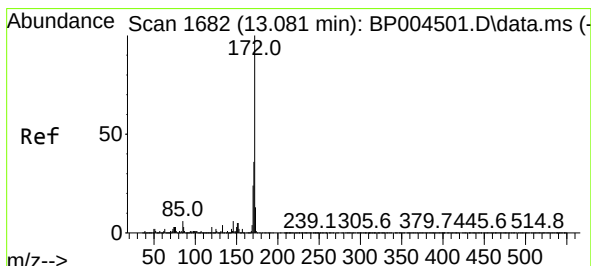
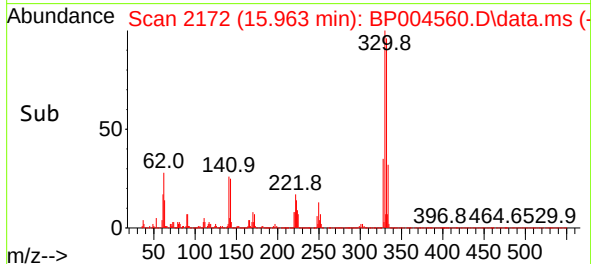
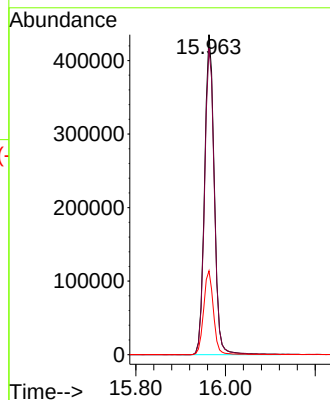
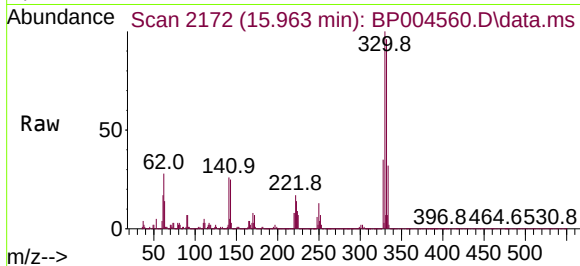




#42
2,4,6-Tribromophenol
Concen: 86.66 ng
RT: 15.963 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BP004560.D
Acq: 14 Jan 2021 16:55

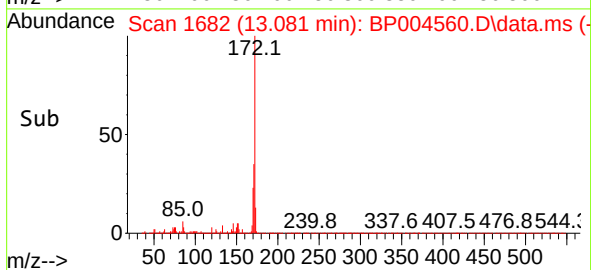
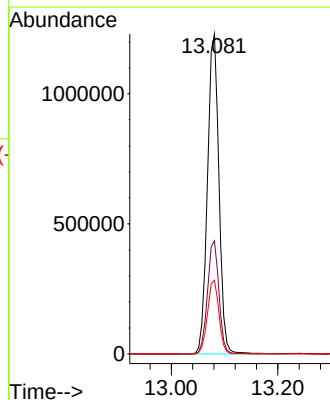
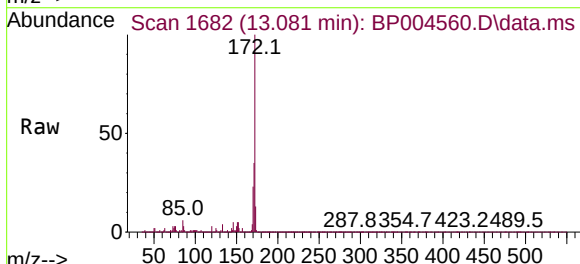
Instrument :
BNA_P
ClientSampleId :
BG-2

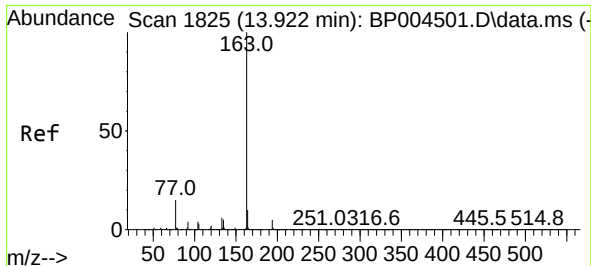
Tgt Ion: 330 Resp: 653053
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 26.3 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 55.26 ng
RT: 13.081 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BP004560.D
Acq: 14 Jan 2021 16:55

Tgt Ion: 172 Resp: 1842439
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.1 19.2 28.8

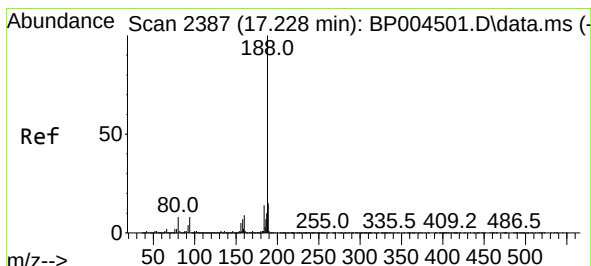
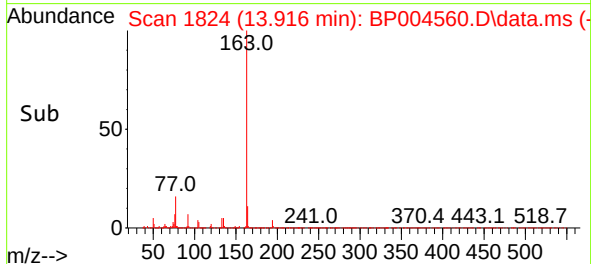
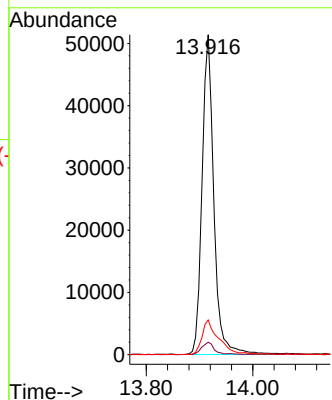
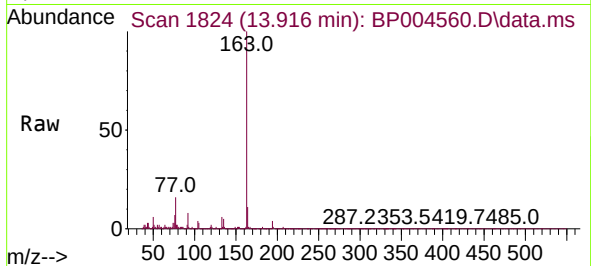




#50
Dimethylphthalate
Concen: 2.19 ng
RT: 13.916 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BP004560.D
Acq: 14 Jan 2021 16:55

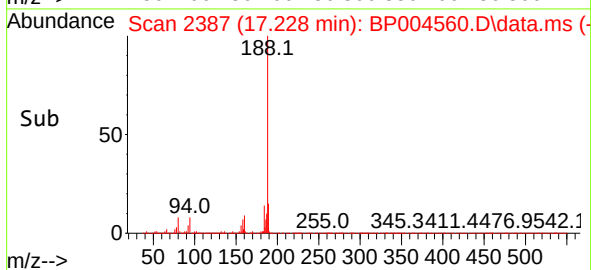
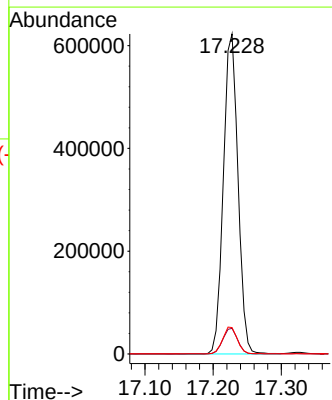
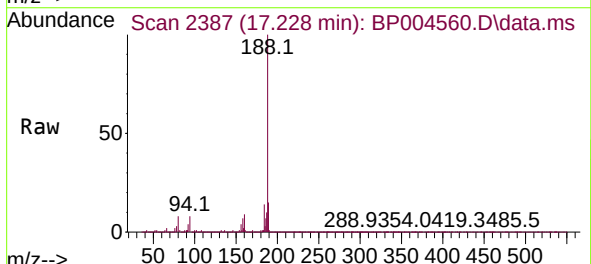
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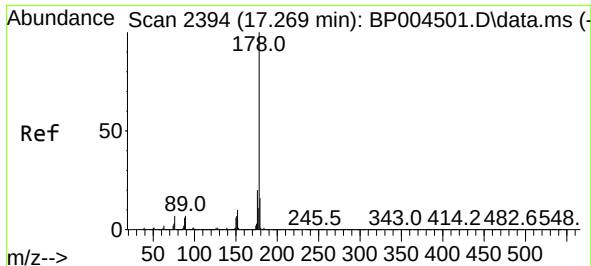
Tgt Ion:163 Resp: 78828
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.9 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.228 min Scan# 2387
Delta R.T. -0.000 min
Lab File: BP004560.D
Acq: 14 Jan 2021 16:55

Tgt Ion:188 Resp: 927340
Ion Ratio Lower Upper
188 100
94 8.0 6.2 9.2
80 8.2 6.2 9.2

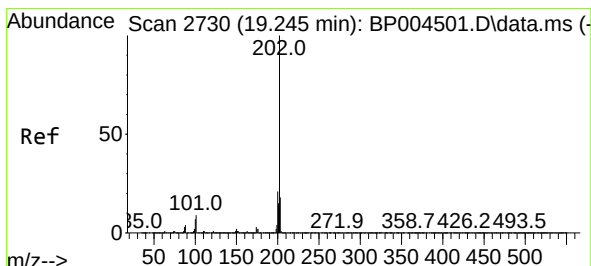
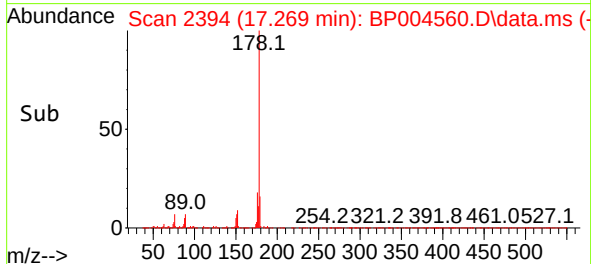
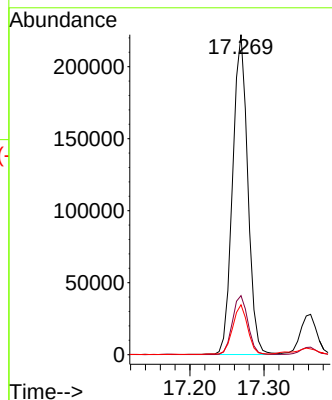
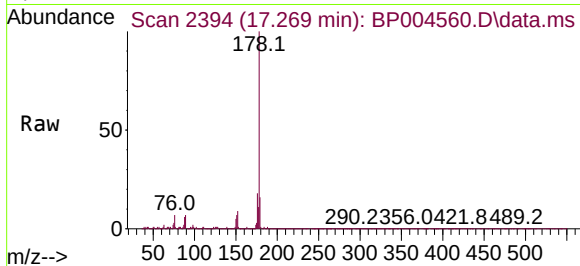




#71
Phenanthrene
Concen: 5.93 ng
RT: 17.269 min Scan# 2394
Delta R.T. 0.000 min
Lab File: BP004560.D
Acq: 14 Jan 2021 16:55

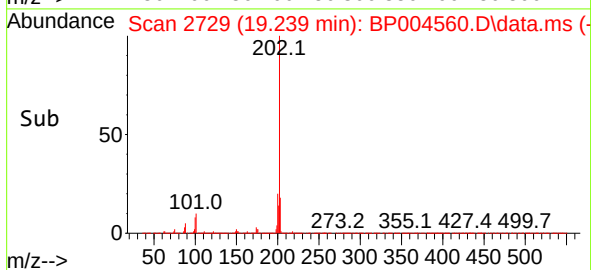
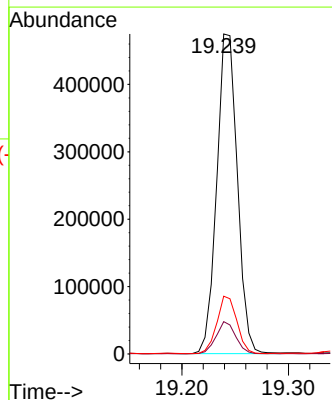
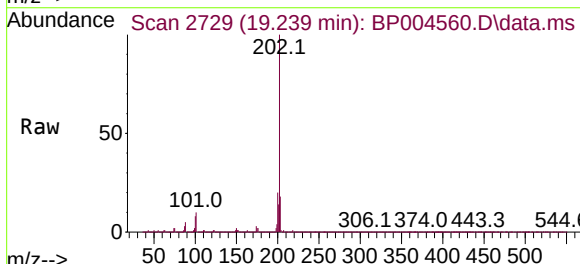
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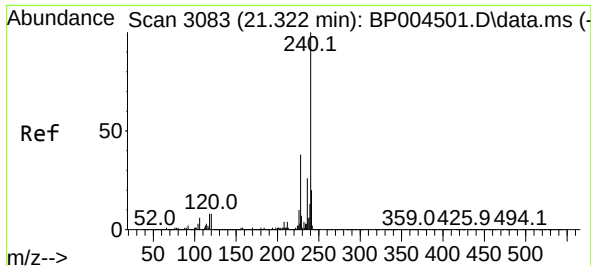
Tgt Ion:178 Resp: 315212
Ion Ratio Lower Upper
178 100
176 18.4 15.3 22.9
179 15.6 12.5 18.7



#75
Fluoranthene
Concen: 9.85 ng
RT: 19.239 min Scan# 2729
Delta R.T. -0.006 min
Lab File: BP004560.D
Acq: 14 Jan 2021 16:55

Tgt Ion:202 Resp: 637171
Ion Ratio Lower Upper
202 100
101 10.1 0.0 29.4
203 18.1 0.0 37.8

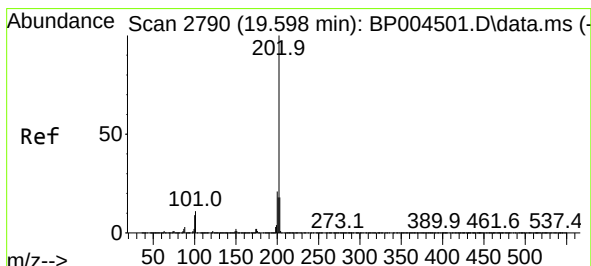
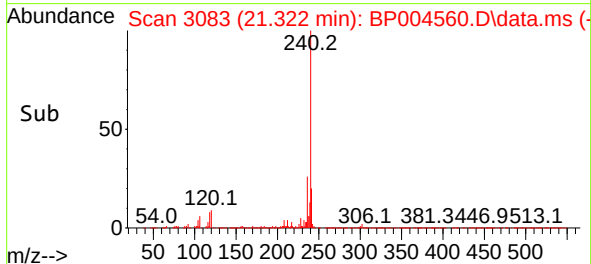
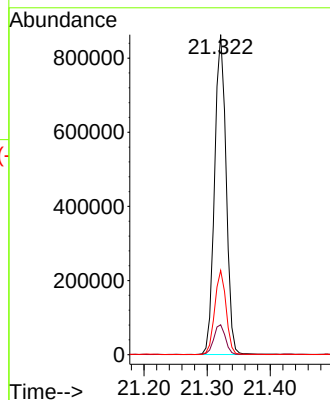
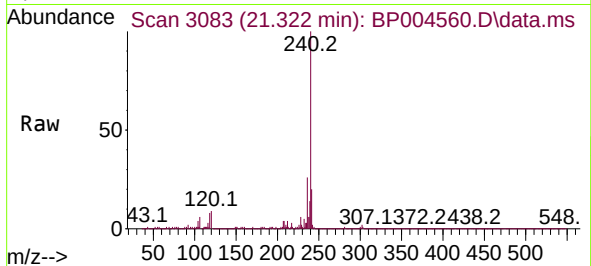




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.322 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BP004560.D
Acq: 14 Jan 2021 16:55

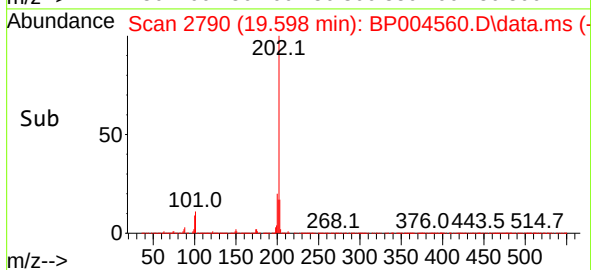
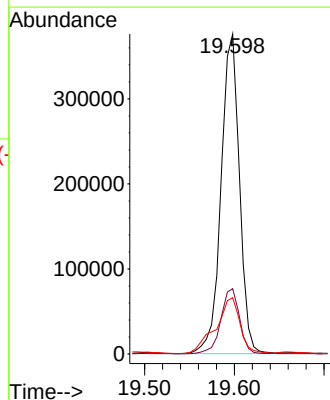
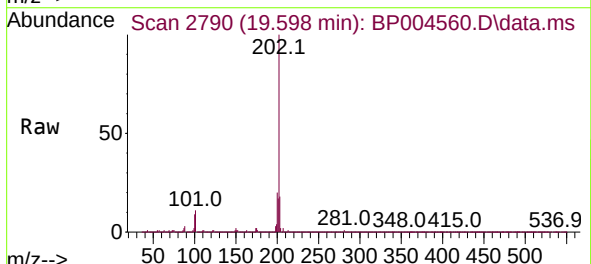
Instrument :
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ClientSampleId :
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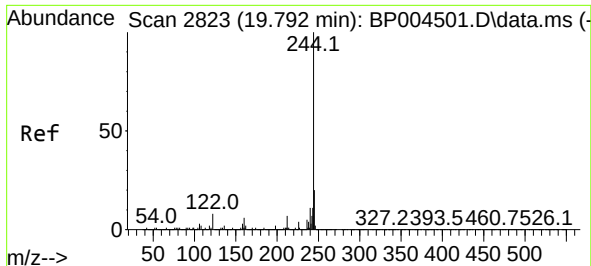
Tgt Ion:240 Resp: 1094444
Ion Ratio Lower Upper
240 100
120 9.4 7.8 11.6
236 26.3 20.8 31.2



#78
Pyrene
Concen: 7.17 ng
RT: 19.598 min Scan# 2790
Delta R.T. 0.000 min
Lab File: BP004560.D
Acq: 14 Jan 2021 16:55

Tgt Ion:202 Resp: 534249
Ion Ratio Lower Upper
202 100
200 20.4 17.1 25.7
203 17.6 14.2 21.2



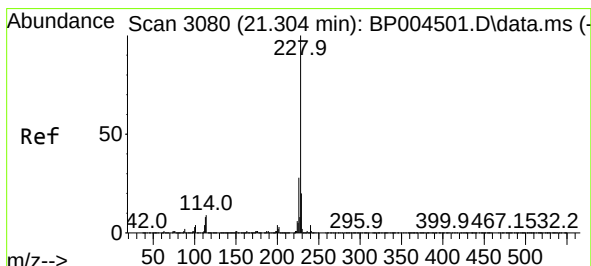
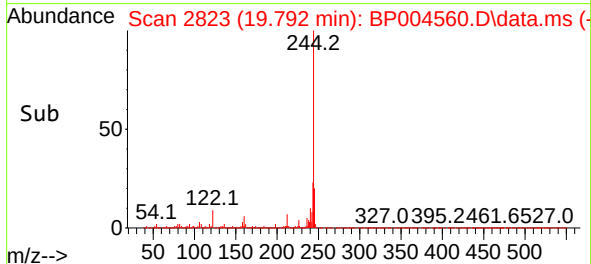
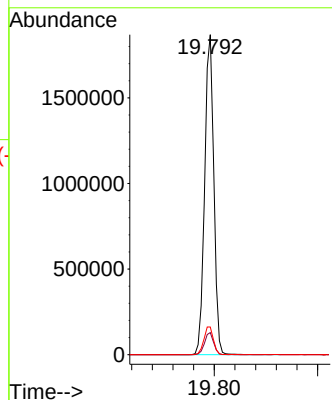
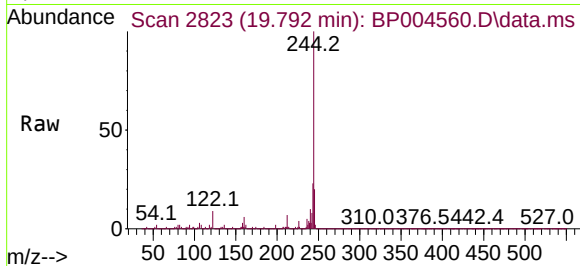


#79
 Terphenyl-d14
 Concen: 38.23 ng
 RT: 19.792 min Scan# 2823
 Delta R.T. 0.000 min
 Lab File: BP004560.D
 Acq: 14 Jan 2021 16:55

Instrument :
 BNA_P
 ClientSampleId :
 BG-2

Tgt Ion:244 Resp: 2290342

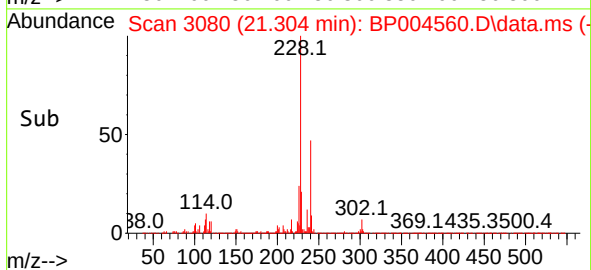
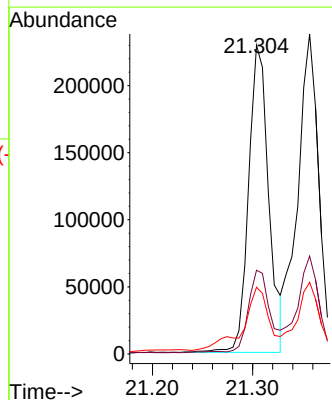
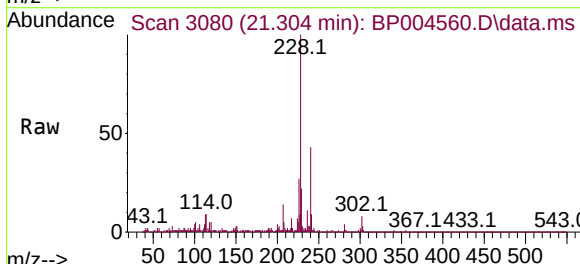
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	8.6	7.8	11.8

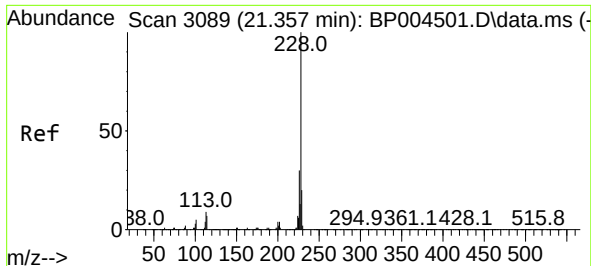


#81
 Benzo(a)anthracene
 Concen: 4.29 ng
 RT: 21.304 min Scan# 3080
 Delta R.T. 0.000 min
 Lab File: BP004560.D
 Acq: 14 Jan 2021 16:55

Tgt Ion:228 Resp: 319600

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.1	33.1
229	21.6	15.9	23.9

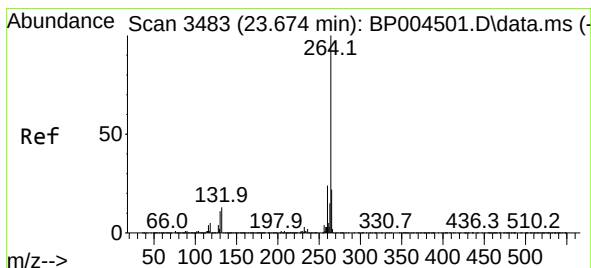
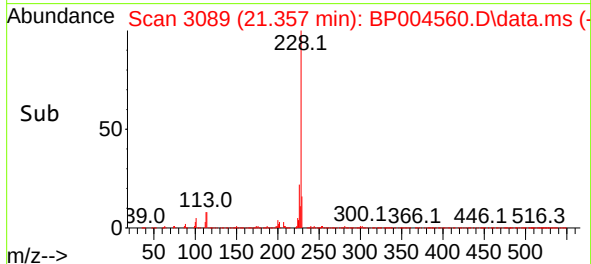
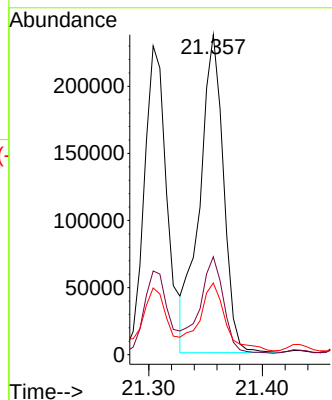
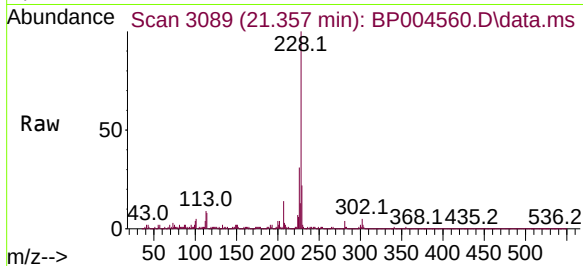




#83
Chrysene
Concen: 4.87 ng
RT: 21.357 min Scan# 3089
Delta R.T. 0.000 min
Lab File: BP004560.D
Acq: 14 Jan 2021 16:55

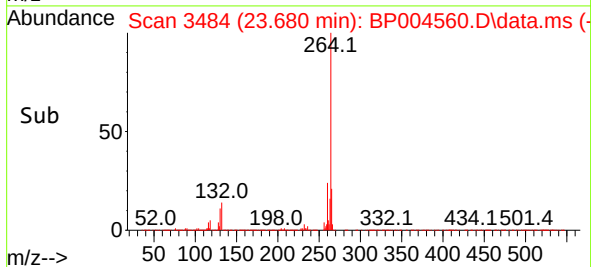
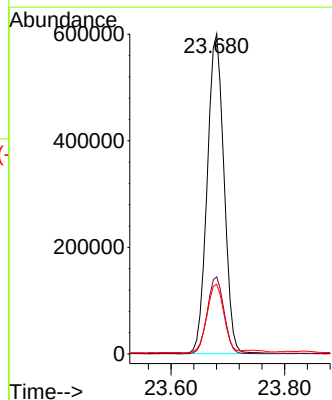
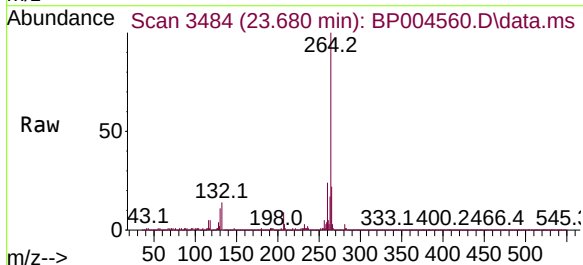
Instrument :
BNA_P
ClientSampled :
BG-2

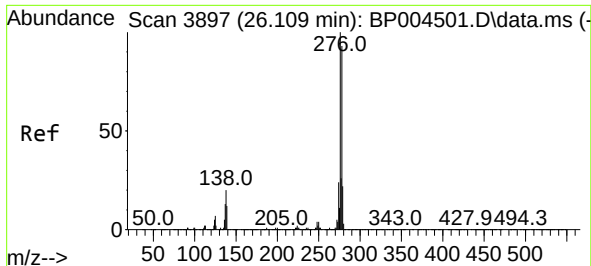
Tgt Ion:	228	Resp:	345324
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.4	36.6
229	22.4	15.8	23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.680 min Scan# 3484
Delta R.T. 0.006 min
Lab File: BP004560.D
Acq: 14 Jan 2021 16:55

Tgt Ion:	264	Resp:	1223378
Ion Ratio	Lower	Upper	
264	100		
260	24.1	18.8	28.2
265	21.8	17.4	26.2

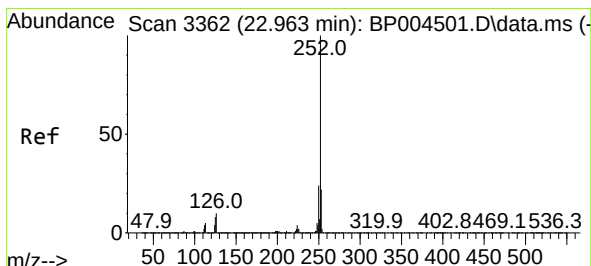
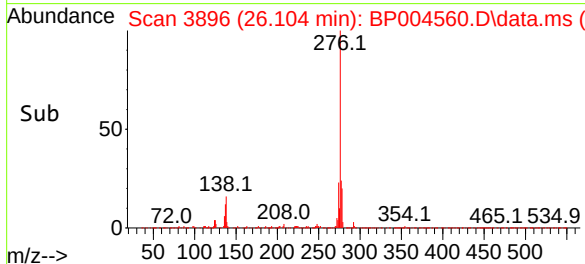
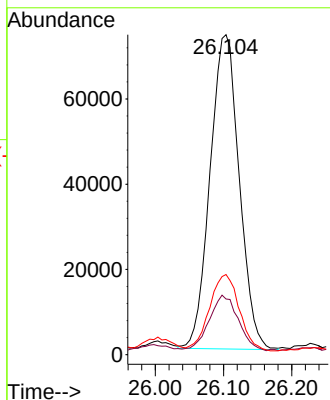
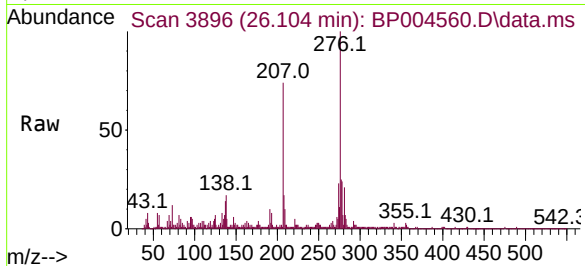




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.33 ng
RT: 26.104 min Scan# 3896
Delta R.T. -0.006 min
Lab File: BP004560.D
Acq: 14 Jan 2021 16:55

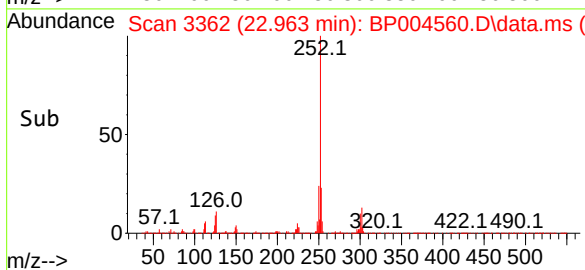
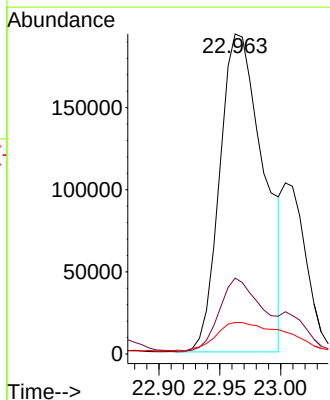
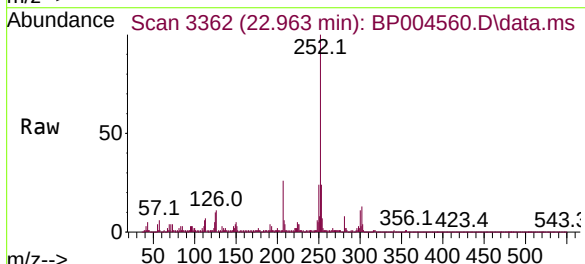
Instrument :
BNA_P
ClientSampleId :
BG-2

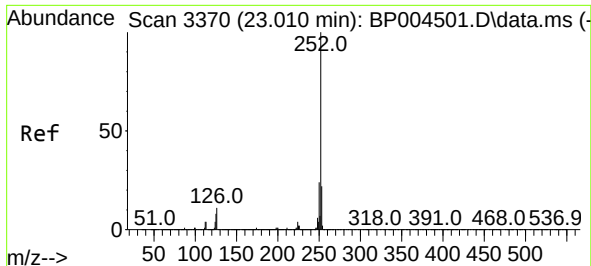
Tgt Ion:276 Resp: 219802
Ion Ratio Lower Upper
276 100
138 17.6 18.7 28.1#
277 24.8 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 6.15 ng
RT: 22.963 min Scan# 3362
Delta R.T. 0.000 min
Lab File: BP004560.D
Acq: 14 Jan 2021 16:55

Tgt Ion:252 Resp: 486950
Ion Ratio Lower Upper
252 100
253 23.7 17.6 26.4
125 9.8 7.3 10.9

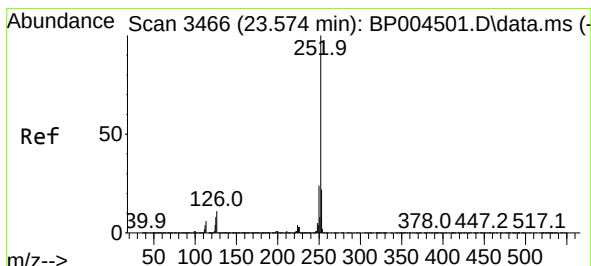
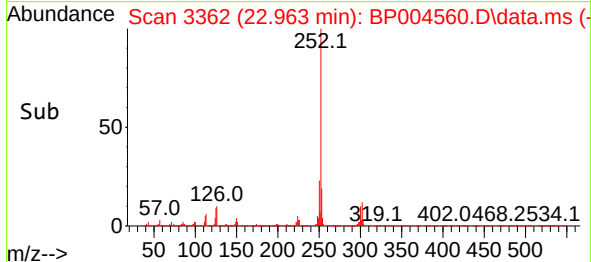
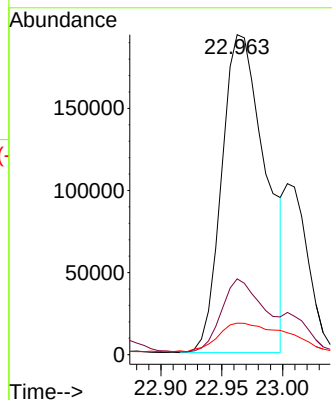
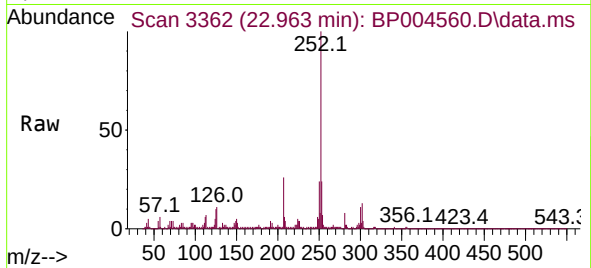




#89
Benzo(k)fluoranthene
Concen: 6.45 ng
RT: 22.963 min Scan# 3362
Delta R.T. -0.047 min
Lab File: BP004560.D
Acq: 14 Jan 2021 16:55

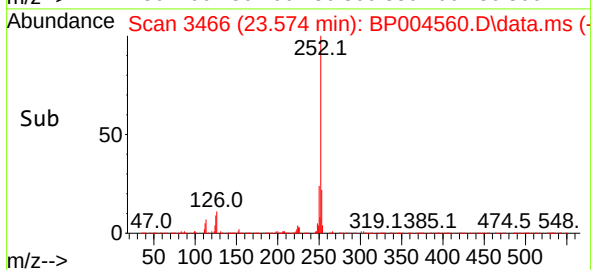
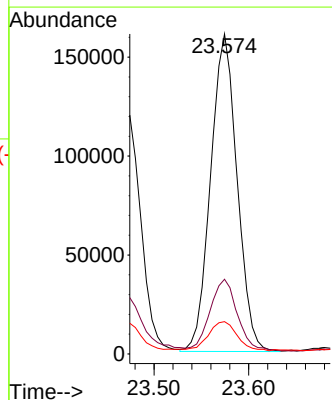
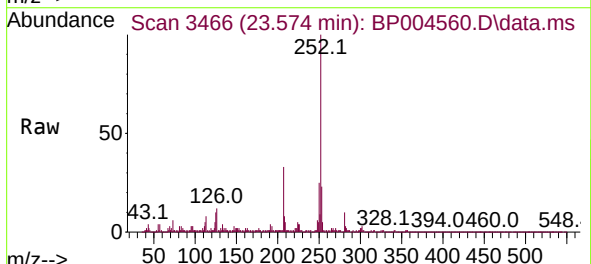
Instrument :
BNA_P
ClientSampled :
BG-2

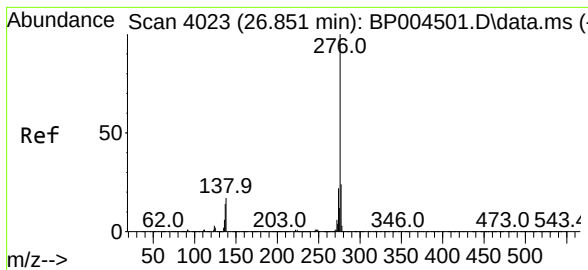
Tgt Ion:252 Resp: 486950
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.8
125 9.8 7.4 11.2



#90
Benzo(a)pyrene
Concen: 4.23 ng
RT: 23.574 min Scan# 3466
Delta R.T. 0.000 min
Lab File: BP004560.D
Acq: 14 Jan 2021 16:55

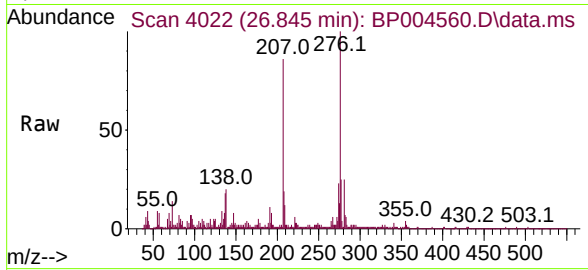
Tgt Ion:252 Resp: 312197
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.0
125 10.1 8.2 12.4





#92
 Benzo(g,h,i)perylene
 Concen: 2.84 ng
 RT: 26.845 min Scan# 4022
 Delta R.T. -0.006 min
 Lab File: BP004560.D
 Acq: 14 Jan 2021 16:55

Instrument :
 BNA_P
 ClientSampleId :
 BG-2



Tgt Ion:	276	Resp:	217820
Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.0	28.6
138	19.8	16.6	24.8

