

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011421\
 Data File : BP004563.D
 Acq On : 14 Jan 2021 18:37
 Operator : CG/JU
 Sample : M1004-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BG-3

Quant Time: Jan 14 21:51:59 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)

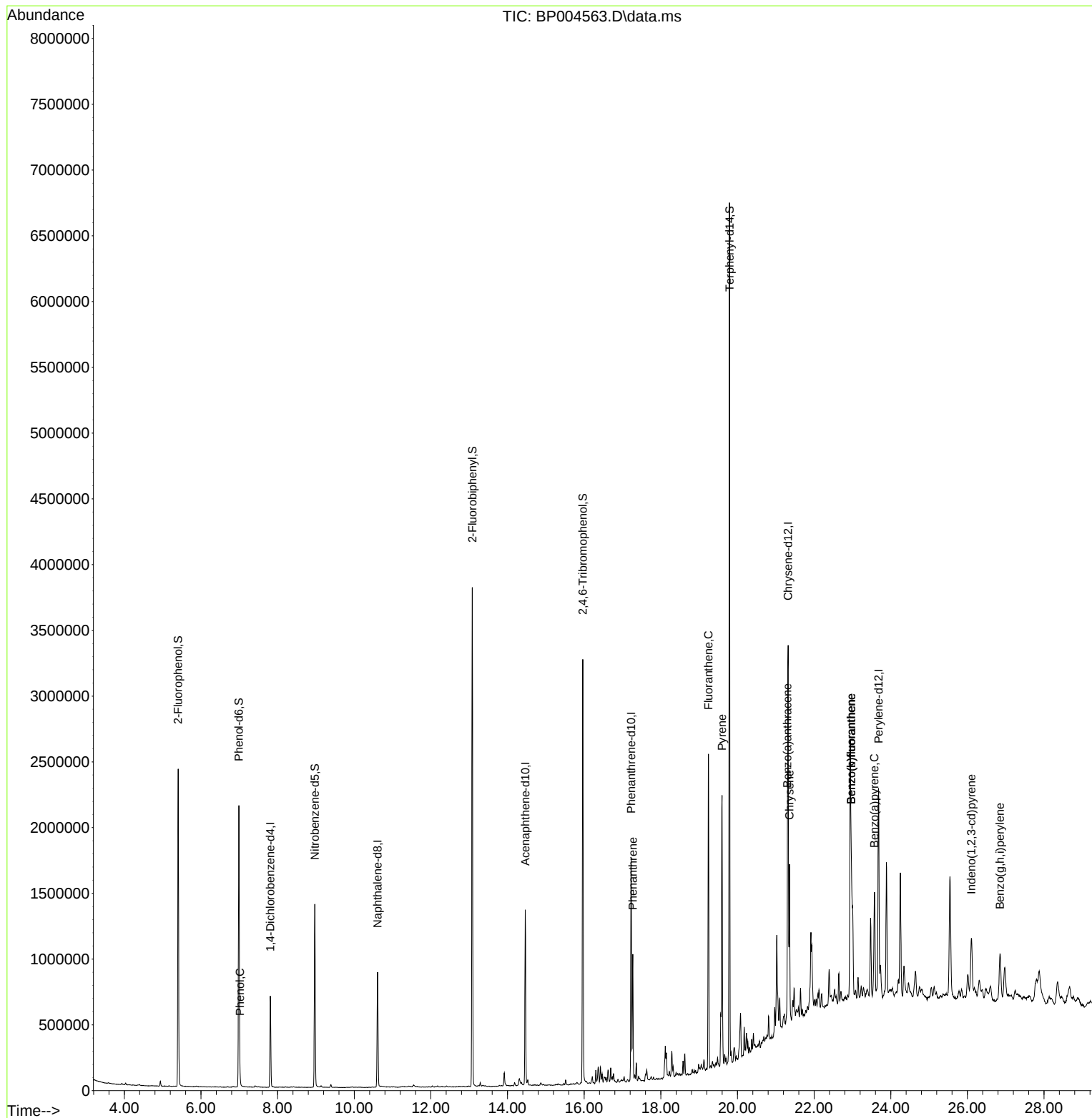
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	211865	20.00	ng	0.00
21) Naphthalene-d8	10.610	136	800289	20.00	ng	# 0.00
39) Acenaphthene-d10	14.463	164	490490	20.00	ng	0.00
64) Phenanthrene-d10	17.228	188	1060438	20.00	ng	0.00
76) Chrysene-d12	21.322	240	1173524	20.00	ng	0.00
86) Perylene-d12	23.680	264	1248832	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	1220511	100.41	ng	0.00
7) Phenol-d6	6.987	99	1516258	91.07	ng	0.00
23) Nitrobenzene-d5	8.969	82	867180	61.26	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	725137	85.03	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	2155146	57.12	ng	0.00
79) Terphenyl-d14	19.792	244	2881168	44.86	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.916	77	359	Below Cal	#	45
10) Phenol	7.016	94	36135	2.26	ng	85
32) Benzoic acid	9.899	122	762	Below Cal	#	74
41) Hexachlorocyclopentadiene	12.563	237	27	Below Cal		78
54) 2,4-Dinitrophenol	14.604	184	55	Below Cal	#	1
71) Phenanthrene	17.269	178	564951	9.29	ng	99
75) Fluoranthene	19.245	202	1531387	20.70	ng	100
78) Pyrene	19.598	202	1271826	15.93	ng	99
81) Benzo(a)anthracene	21.304	228	654893	8.20	ng	99
83) Chrysene	21.357	228	712153	9.37	ng	98
87) Indeno(1,2,3-cd)pyrene	26.104	276	490351	5.09	ng	# 94
88) Benzo(b)fluoranthene	22.968	252	1042167	12.89	ng	98
89) Benzo(k)fluoranthene	22.968	252	1042167	13.52	ng	99
90) Benzo(a)pyrene	23.574	252	647751	8.59	ng	99
92) Benzo(g,h,i)perylene	26.851	276	489482	6.25	ng	98

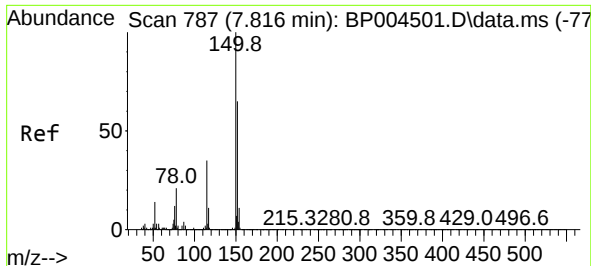
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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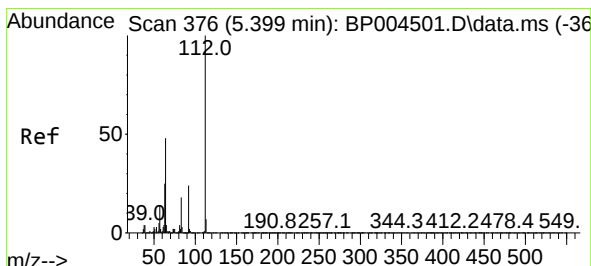
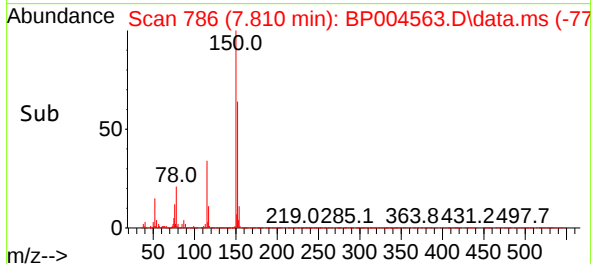
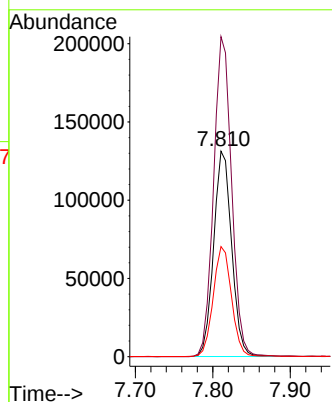
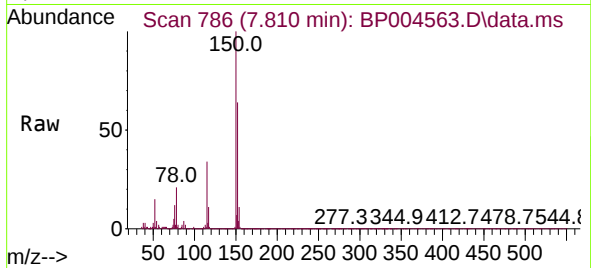




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.810 min Scan# 786
Delta R.T. -0.006 min
Lab File: BP004563.D
Acq: 14 Jan 2021 18:37

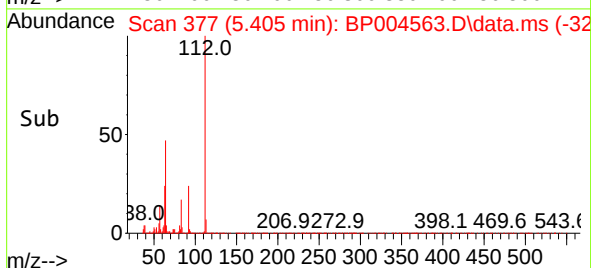
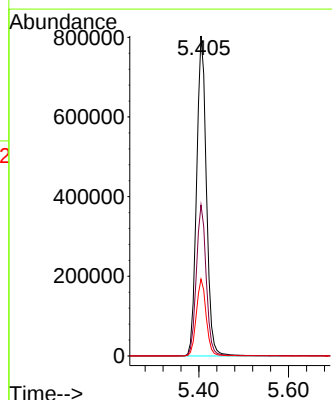
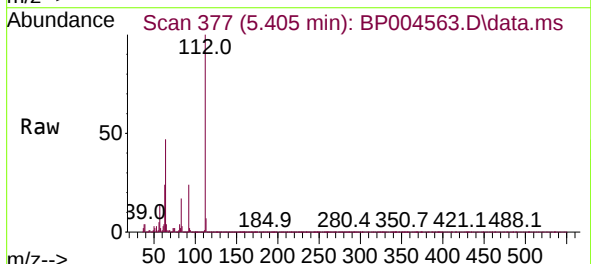
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BNA_P
ClientSampleId :
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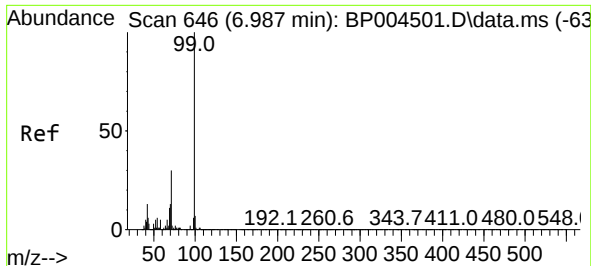
Tgt Ion:152 Resp: 211865
Ion Ratio Lower Upper
152 100
150 155.8 123.8 185.6
115 53.6 43.8 65.6



#5
2-Fluorophenol
Concen: 100.41 ng
RT: 5.405 min Scan# 377
Delta R.T. 0.006 min
Lab File: BP004563.D
Acq: 14 Jan 2021 18:37

Tgt Ion:112 Resp: 1220511
Ion Ratio Lower Upper
112 100
64 47.1 32.8 49.2
63 24.0 17.0 25.4

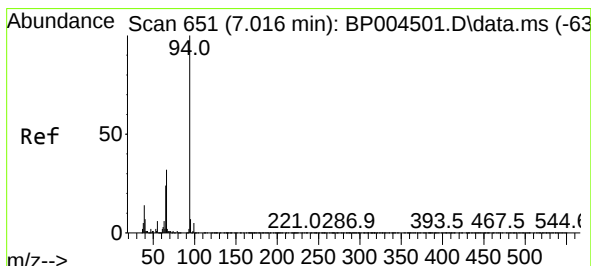
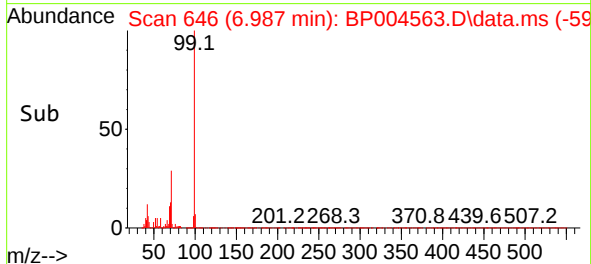
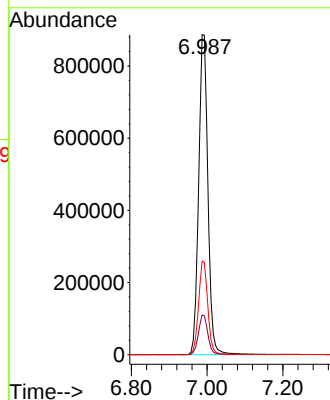
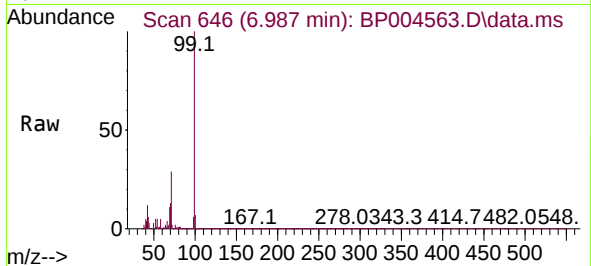




#7
Phenol-d6
Concen: 91.07 ng
RT: 6.987 min Scan# 646
Delta R.T. 0.000 min
Lab File: BP004563.D
Acq: 14 Jan 2021 18:37

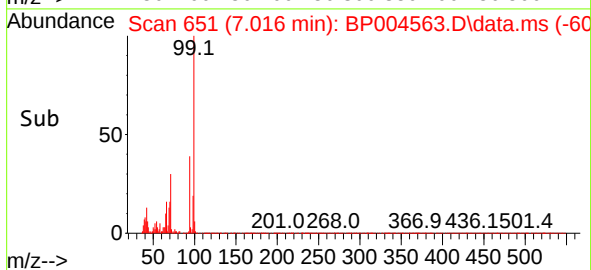
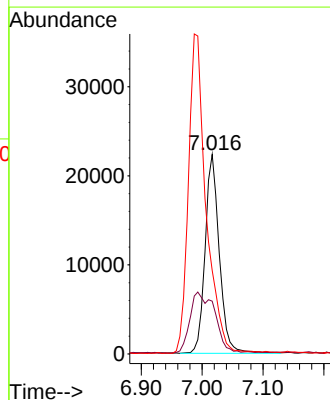
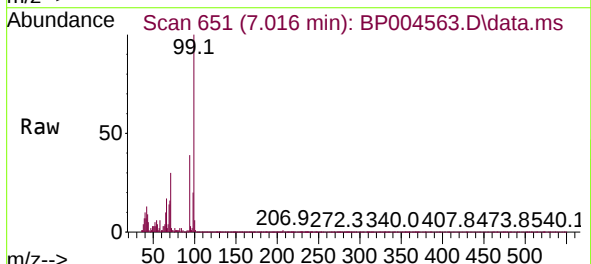
Instrument :
BNA_P
ClientSampleId :
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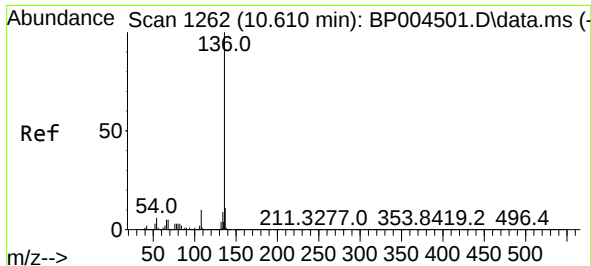
Tgt Ion: 99 Resp: 1516258
Ion Ratio Lower Upper
99 100
42 12.4 8.6 13.0
71 29.2 23.4 35.2



#10
Phenol
Concen: 2.26 ng
RT: 7.016 min Scan# 651
Delta R.T. 0.000 min
Lab File: BP004563.D
Acq: 14 Jan 2021 18:37

Tgt Ion: 94 Resp: 36135
Ion Ratio Lower Upper
94 100
65 26.4 2.3 42.3
66 41.9 10.9 50.9

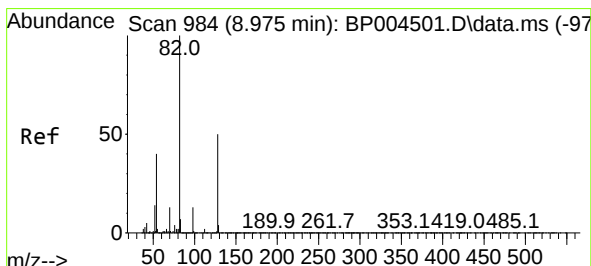
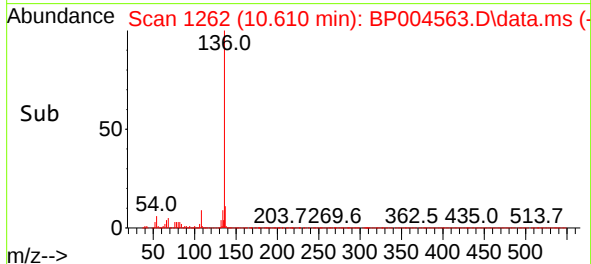
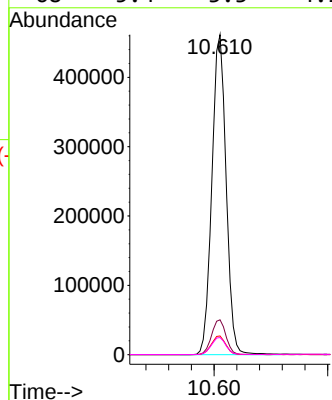
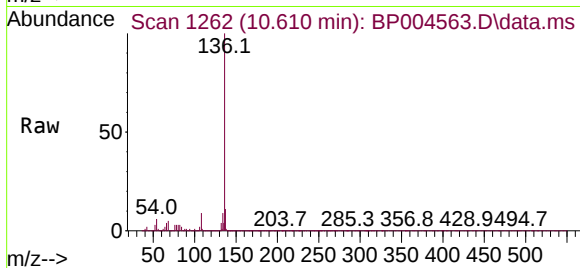




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.610 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BP004563.D
Acq: 14 Jan 2021 18:37

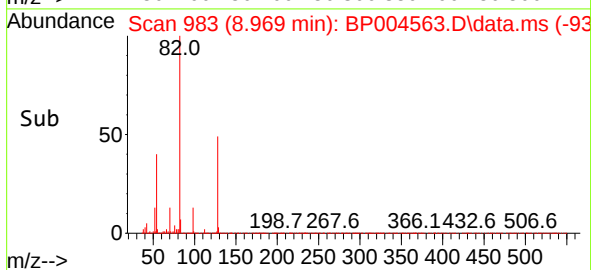
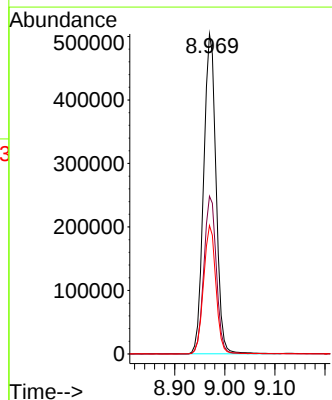
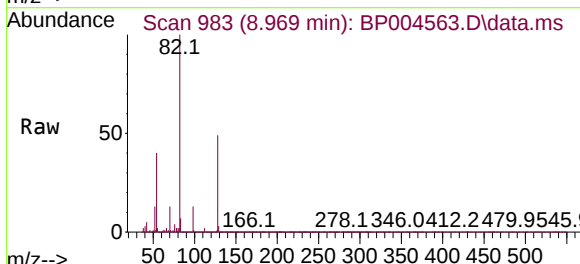
Instrument :
BNA_P
ClientSampleId :
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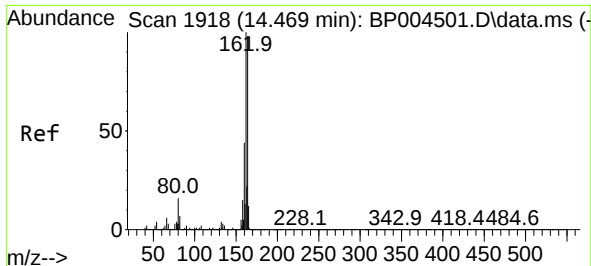
Tgt Ion:	136	Resp:	800289
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	5.8	3.6	5.4#
68	5.4	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 61.26 ng
RT: 8.969 min Scan# 983
Delta R.T. -0.006 min
Lab File: BP004563.D
Acq: 14 Jan 2021 18:37

Tgt Ion:	82	Resp:	867180
Ion	Ratio	Lower	Upper
82	100		
128	49.3	45.6	68.4
54	40.2	30.1	45.1

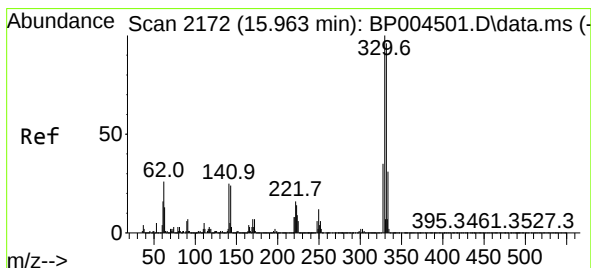
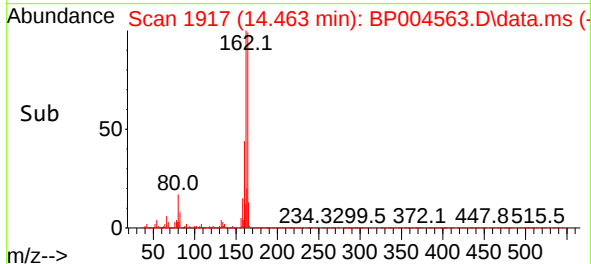
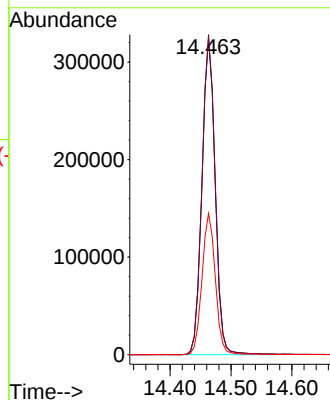
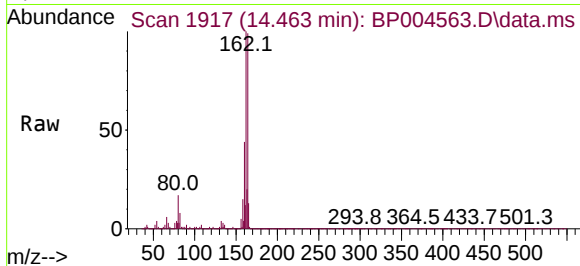




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.463 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP004563.D
Acq: 14 Jan 2021 18:37

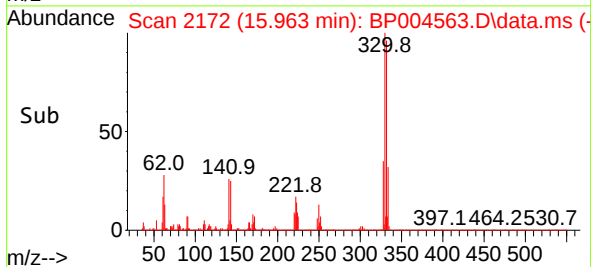
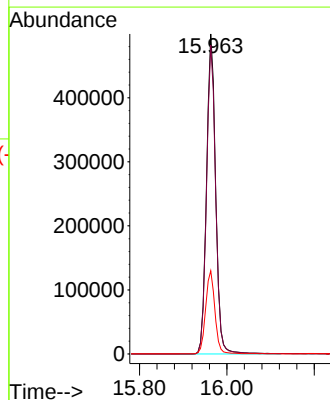
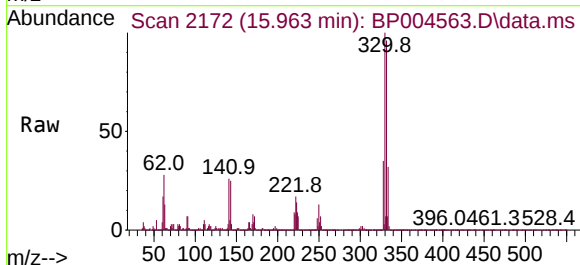
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BNA_P
ClientSampleId :
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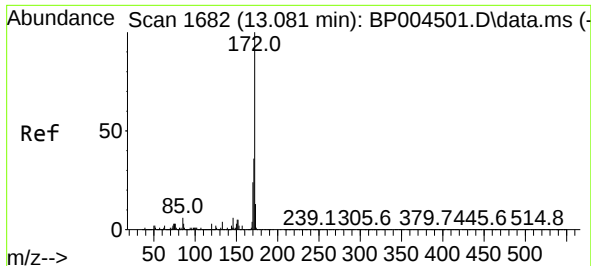
Tgt Ion:164 Resp: 490490
Ion Ratio Lower Upper
164 100
162 101.2 79.4 119.2
160 44.7 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 85.03 ng
RT: 15.963 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BP004563.D
Acq: 14 Jan 2021 18:37

Tgt Ion:330 Resp: 725137
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 26.4 23.4 35.2

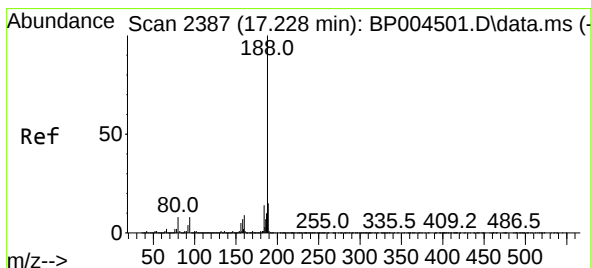
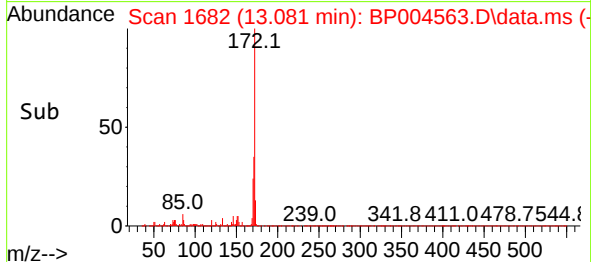
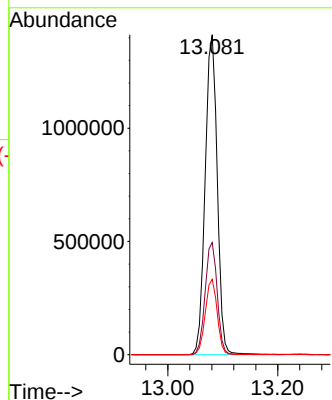
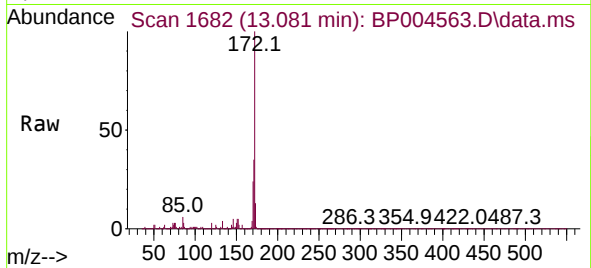




#45
2-Fluorobiphenyl
Concen: 57.12 ng
RT: 13.081 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BP004563.D
Acq: 14 Jan 2021 18:37

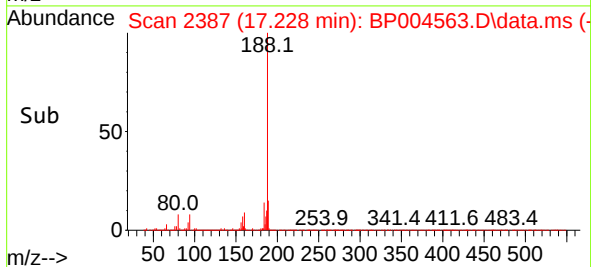
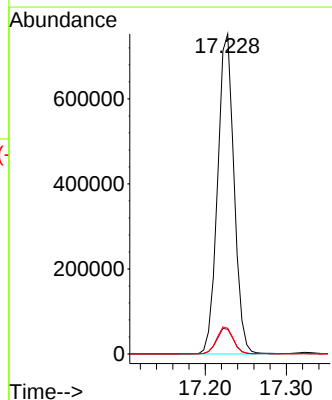
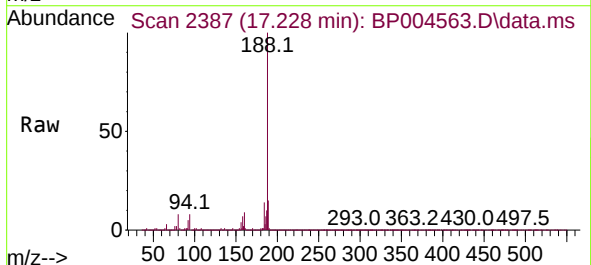
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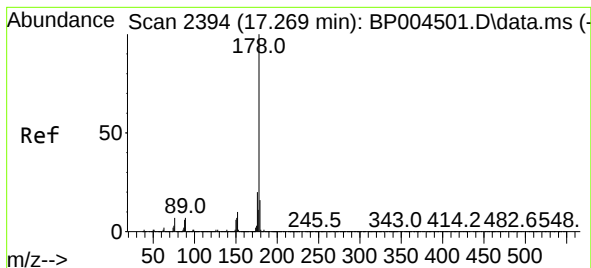
Tgt Ion:172 Resp: 2155146
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 23.5 19.2 28.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.228 min Scan# 2387
Delta R.T. -0.000 min
Lab File: BP004563.D
Acq: 14 Jan 2021 18:37

Tgt Ion:188 Resp: 1060438
Ion Ratio Lower Upper
188 100
94 7.7 6.2 9.2
80 8.0 6.2 9.2

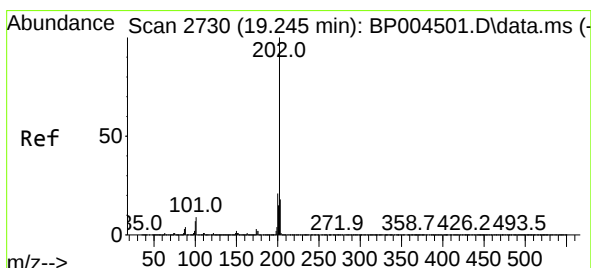
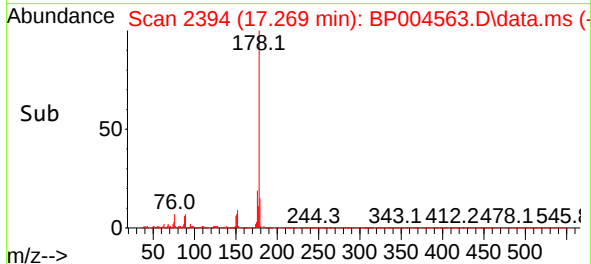
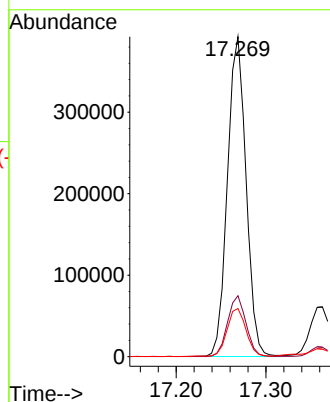
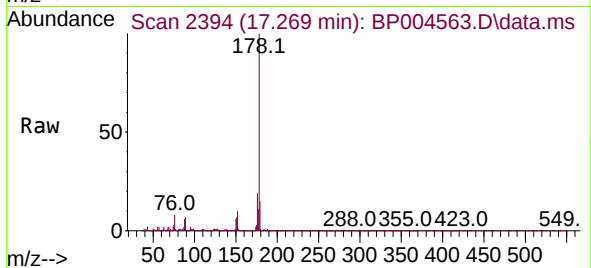




#71
Phenanthrene
Concen: 9.29 ng
RT: 17.269 min Scan# 2394
Delta R.T. 0.000 min
Lab File: BP004563.D
Acq: 14 Jan 2021 18:37

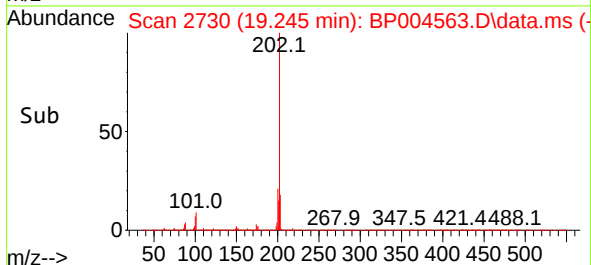
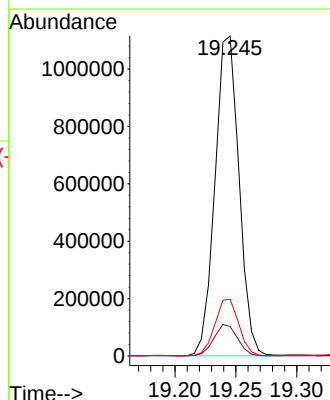
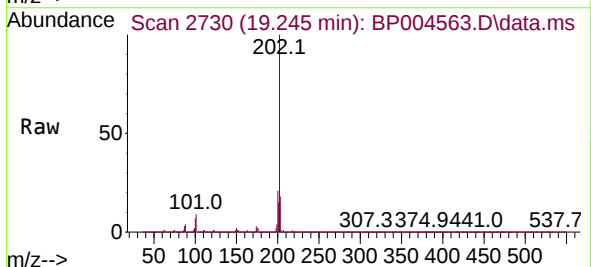
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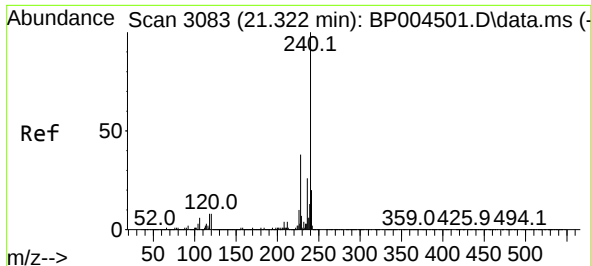
Tgt Ion:178 Resp: 564951
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.0 12.5 18.7



#75
Fluoranthene
Concen: 20.70 ng
RT: 19.245 min Scan# 2730
Delta R.T. 0.000 min
Lab File: BP004563.D
Acq: 14 Jan 2021 18:37

Tgt Ion:202 Resp: 1531387
Ion Ratio Lower Upper
202 100
101 9.2 0.0 29.4
203 17.7 0.0 37.8

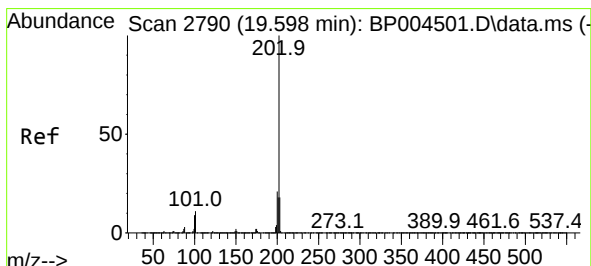
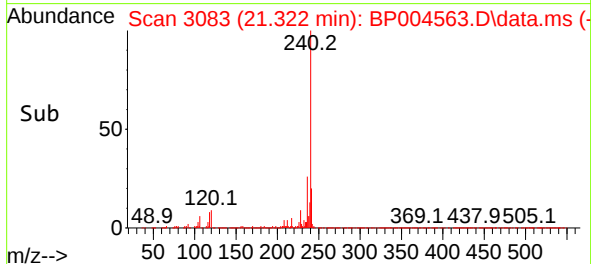
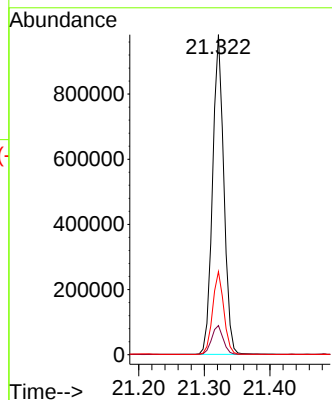
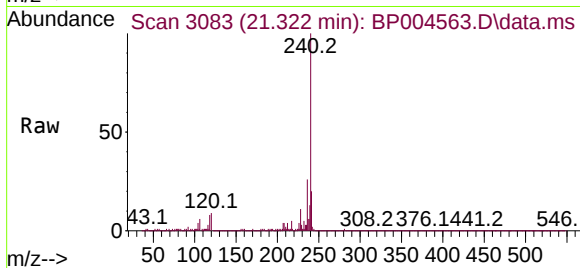




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.322 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BP004563.D
Acq: 14 Jan 2021 18:37

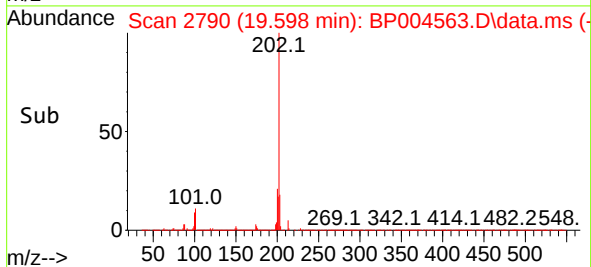
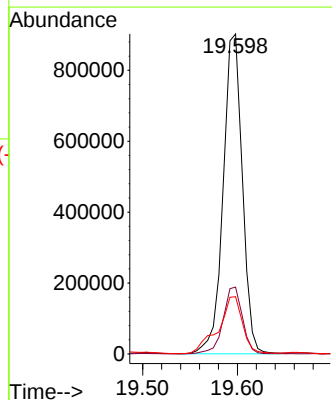
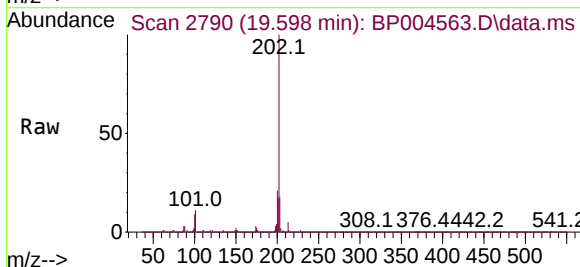
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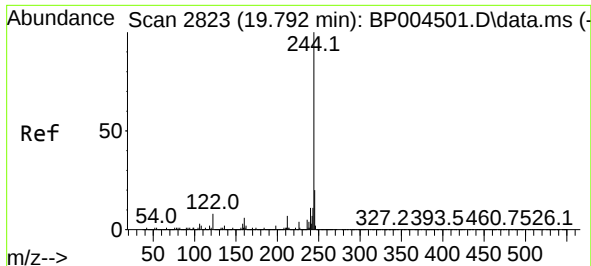
Tgt Ion:240 Resp: 1173524
Ion Ratio Lower Upper
240 100
120 9.1 7.8 11.6
236 25.9 20.8 31.2



#78
Pyrene
Concen: 15.93 ng
RT: 19.598 min Scan# 2790
Delta R.T. 0.000 min
Lab File: BP004563.D
Acq: 14 Jan 2021 18:37

Tgt Ion:202 Resp: 1271826
Ion Ratio Lower Upper
202 100
200 20.9 17.1 25.7
203 17.9 14.2 21.2

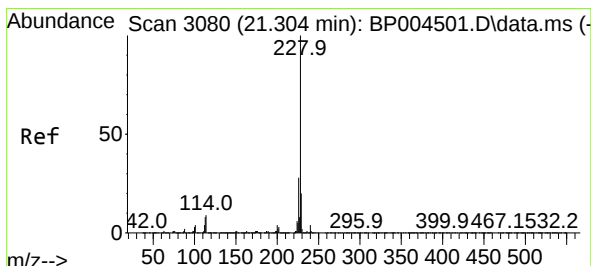
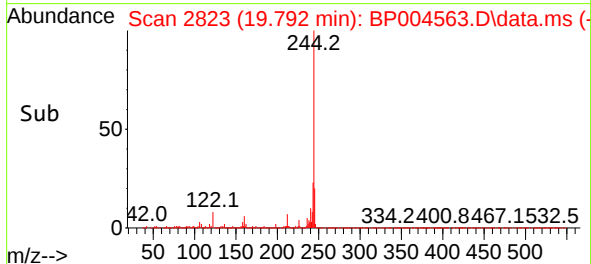
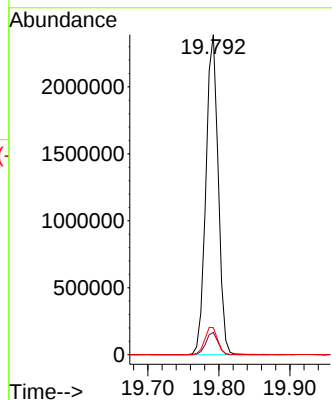
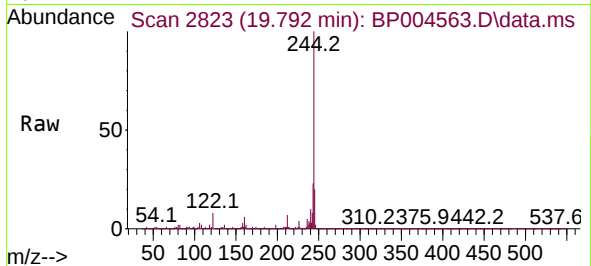




#79
 Terphenyl-d14
 Concen: 44.86 ng
 RT: 19.792 min Scan# 2823
 Delta R.T. 0.000 min
 Lab File: BP004563.D
 Acq: 14 Jan 2021 18:37

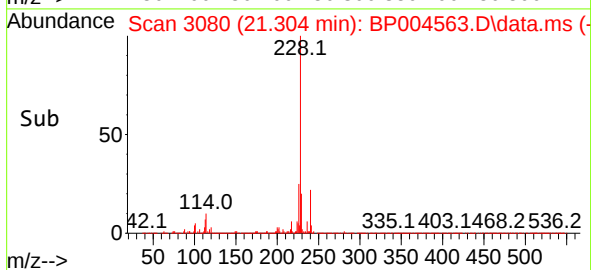
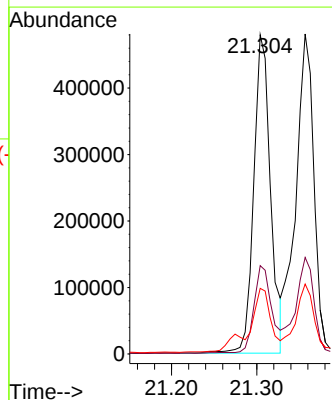
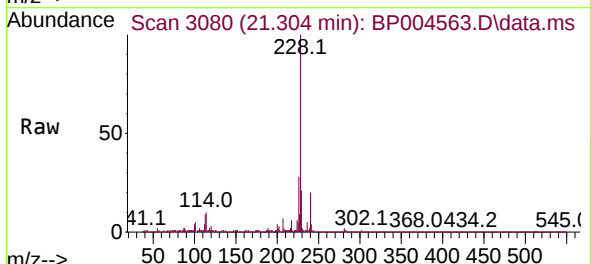
Instrument :
 BNA_P
 ClientSampleId :
 BG-3

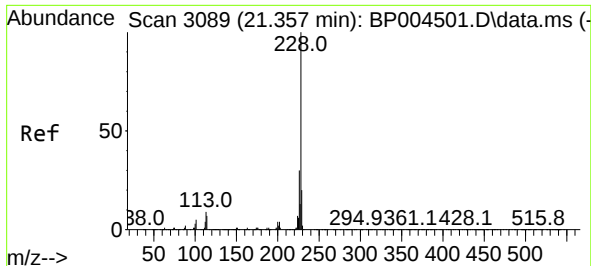
Tgt Ion:244 Resp: 2881168
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 8.4 7.8 11.8



#81
 Benzo(a)anthracene
 Concen: 8.20 ng
 RT: 21.304 min Scan# 3080
 Delta R.T. 0.000 min
 Lab File: BP004563.D
 Acq: 14 Jan 2021 18:37

Tgt Ion:228 Resp: 654893
 Ion Ratio Lower Upper
 228 100
 226 27.7 22.1 33.1
 229 20.5 15.9 23.9

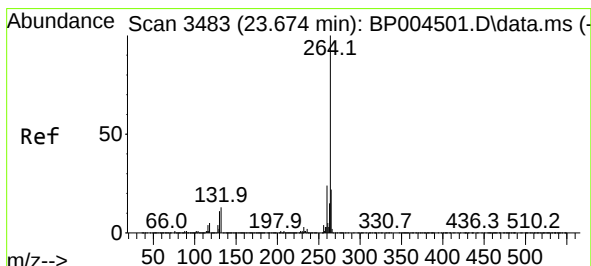
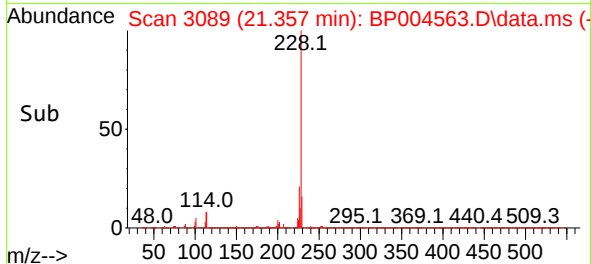
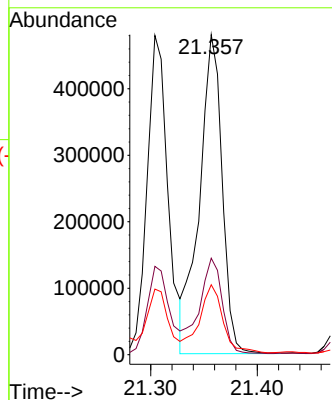
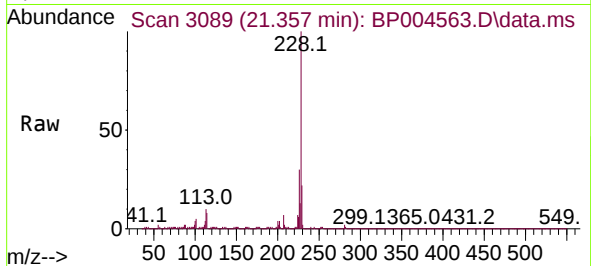




#83
Chrysene
Concen: 9.37 ng
RT: 21.357 min Scan# 3089
Delta R.T. 0.000 min
Lab File: BP004563.D
Acq: 14 Jan 2021 18:37

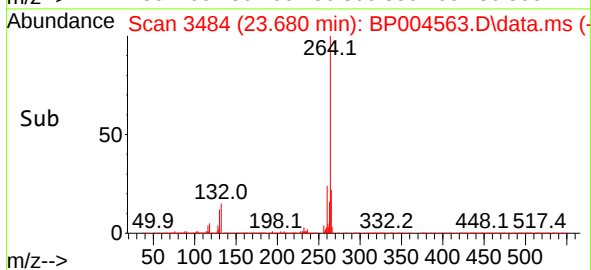
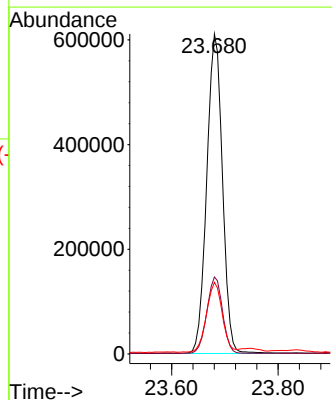
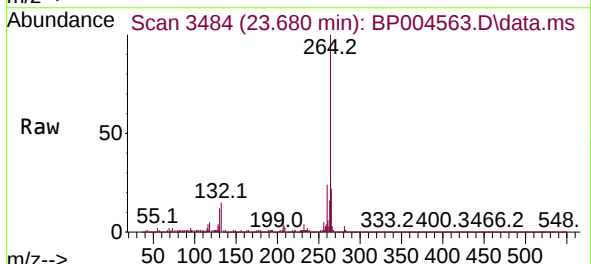
Instrument :
BNA_P
ClientSampled :
BG-3

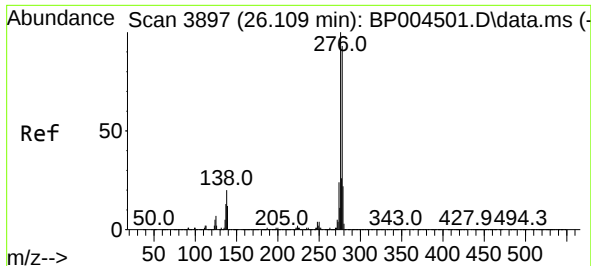
Tgt Ion:228 Resp: 712153
Ion Ratio Lower Upper
228 100
226 30.2 24.4 36.6
229 21.9 15.8 23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.680 min Scan# 3484
Delta R.T. 0.006 min
Lab File: BP004563.D
Acq: 14 Jan 2021 18:37

Tgt Ion:264 Resp: 1248832
Ion Ratio Lower Upper
264 100
260 24.0 18.8 28.2
265 22.4 17.4 26.2

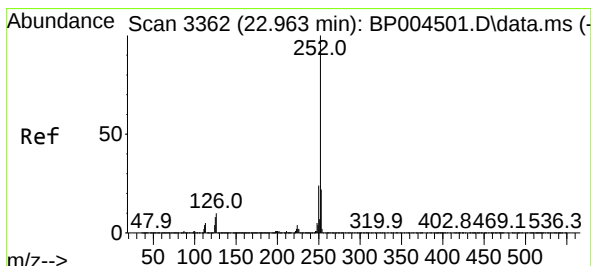
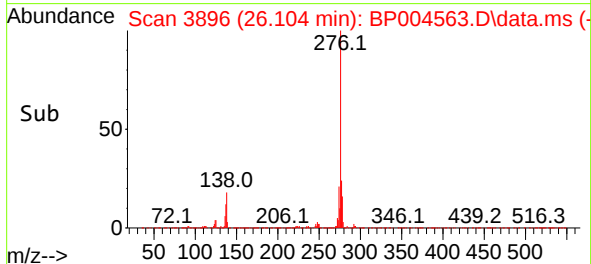
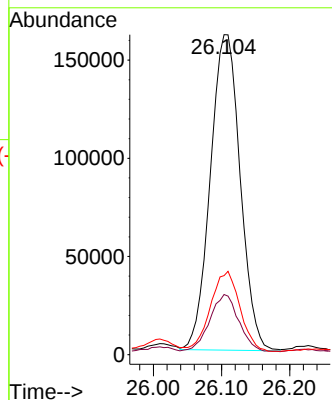
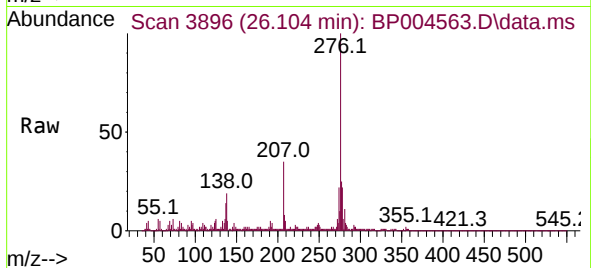




#87
Indeno(1,2,3-cd)pyrene
Concen: 5.09 ng
RT: 26.104 min Scan# 3896
Delta R.T. -0.006 min
Lab File: BP004563.D
Acq: 14 Jan 2021 18:37

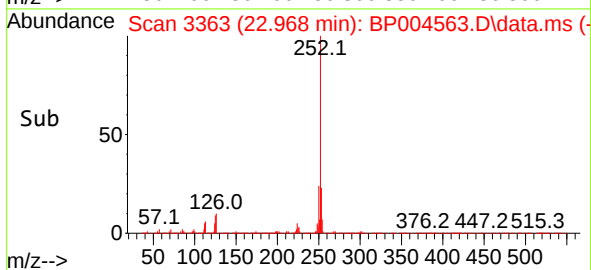
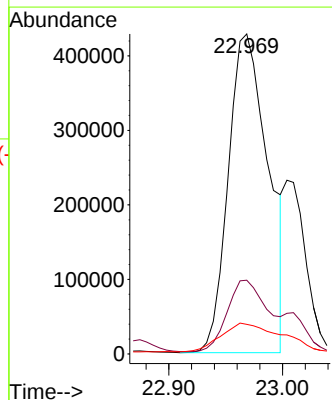
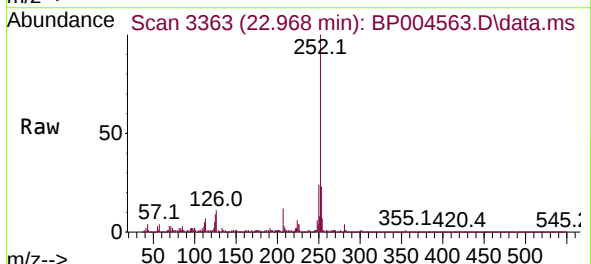
Instrument :
BNA_P
ClientSampled :
BG-3

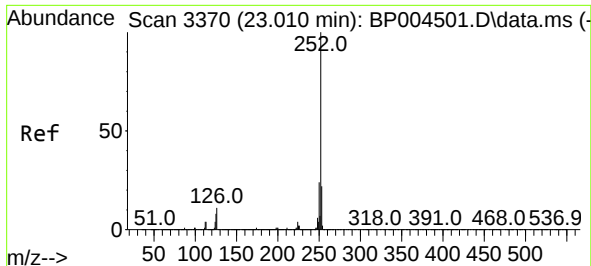
Tgt Ion:276 Resp: 490351
Ion Ratio Lower Upper
276 100
138 17.7 18.7 28.1#
277 24.8 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 12.89 ng
RT: 22.968 min Scan# 3363
Delta R.T. 0.006 min
Lab File: BP004563.D
Acq: 14 Jan 2021 18:37

Tgt Ion:252 Resp: 1042167
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 9.3 7.3 10.9

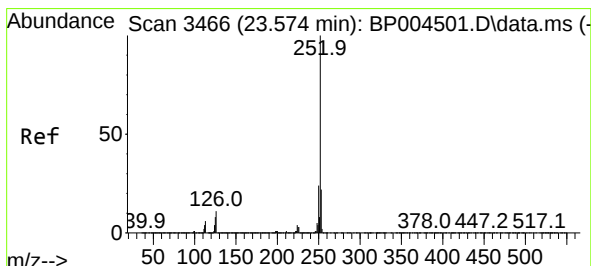
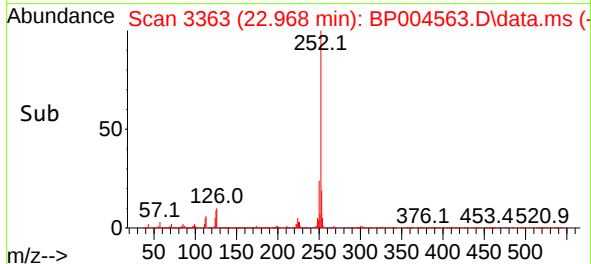
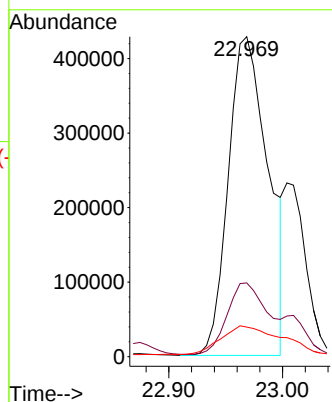
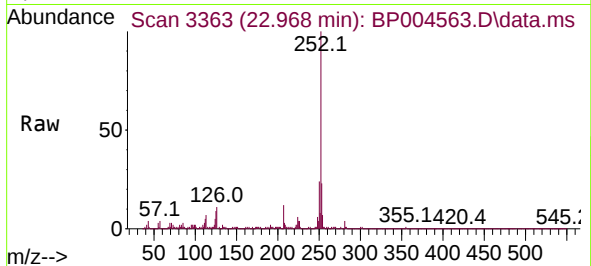




#89
Benzo(k)fluoranthene
Concen: 13.52 ng
RT: 22.968 min Scan# 3363
Delta R.T. -0.041 min
Lab File: BP004563.D
Acq: 14 Jan 2021 18:37

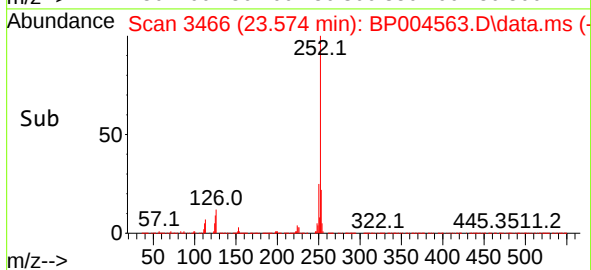
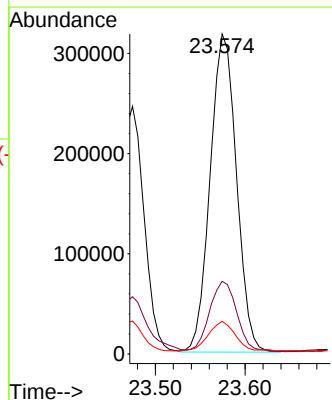
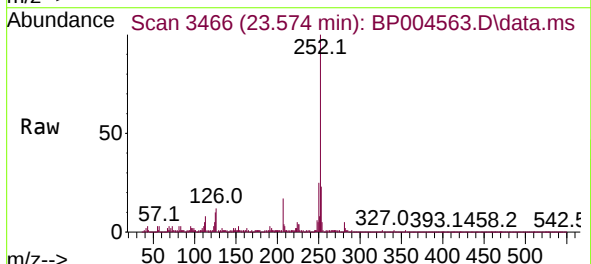
Instrument :
BNA_P
ClientSampleId :
BG-3

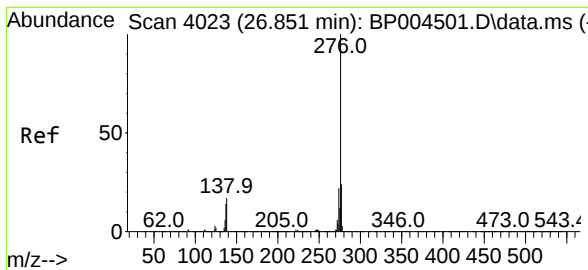
Tgt Ion:252 Resp: 1042167
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 9.3 7.4 11.2



#90
Benzo(a)pyrene
Concen: 8.59 ng
RT: 23.574 min Scan# 3466
Delta R.T. 0.000 min
Lab File: BP004563.D
Acq: 14 Jan 2021 18:37

Tgt Ion:252 Resp: 647751
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.0
125 10.2 8.2 12.4





#92
 Benzo(g,h,i)perylene
 Concen: 6.25 ng
 RT: 26.851 min Scan# 4023
 Delta R.T. 0.000 min
 Lab File: BP004563.D
 Acq: 14 Jan 2021 18:37

Instrument :
 BNA_P
 ClientSampleId :
 BG-3

Tgt Ion: 276 Resp: 489482
 Ion Ratio Lower Upper
 276 100
 277 24.0 19.0 28.6
 138 18.6 16.6 24.8

