

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011421\
 Data File : BP004559.D
 Acq On : 14 Jan 2021 16:21
 Operator : CG/JU
 Sample : M1004-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BG-1

Quant Time: Jan 14 17:12:21 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)

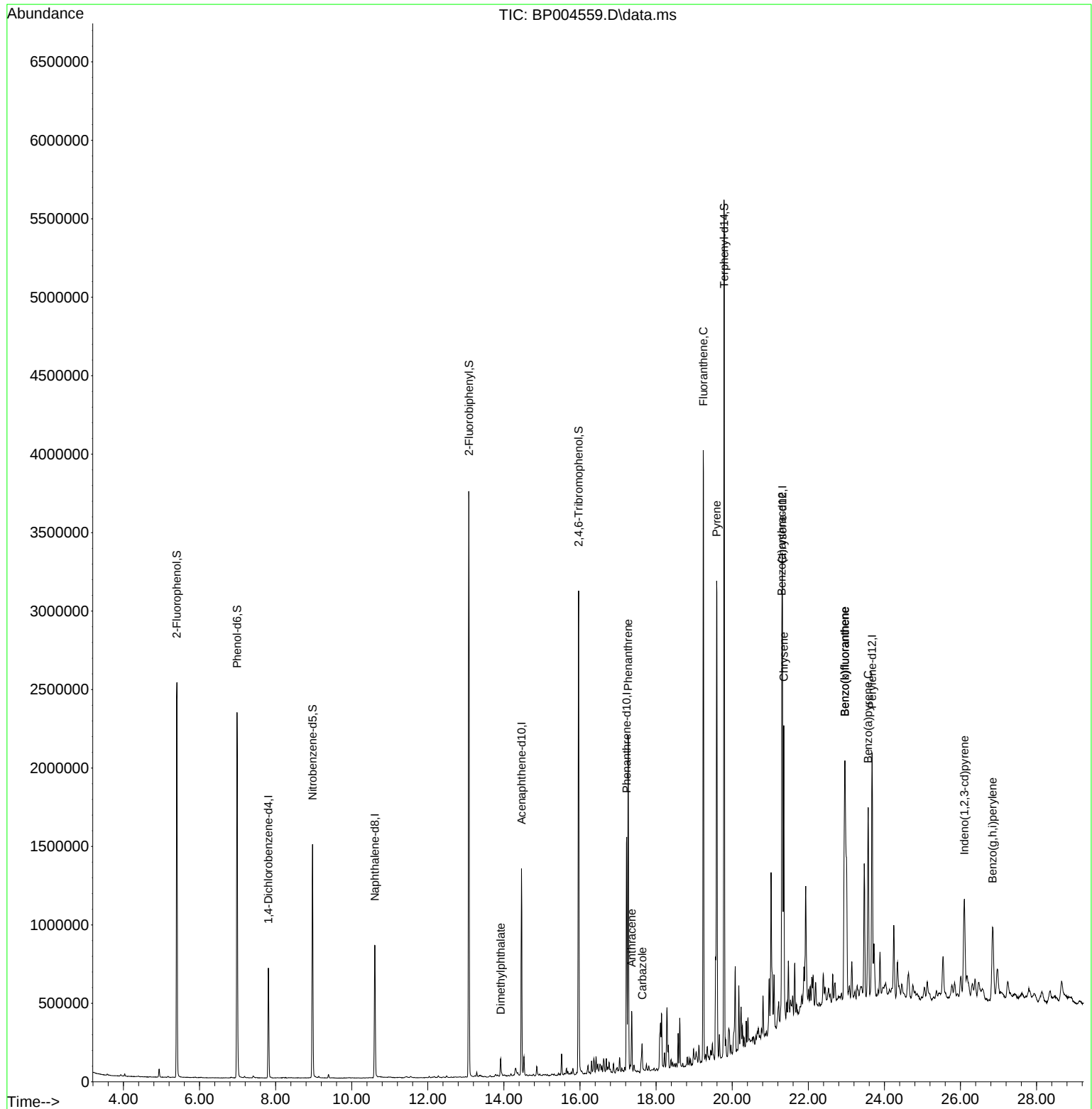
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	215321	20.00	ng	0.00
21) Naphthalene-d8	10.610	136	785178	20.00	ng	# 0.00
39) Acenaphthene-d10	14.463	164	466399	20.00	ng	0.00
64) Phenanthrene-d10	17.228	188	973020	20.00	ng	0.00
76) Chrysene-d12	21.322	240	1080927	20.00	ng	0.00
86) Perylene-d12	23.674	264	1211833	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	1280048	103.61	ng	0.00
7) Phenol-d6	6.987	99	1553686	91.82	ng	0.00
23) Nitrobenzene-d5	8.969	82	908595	65.42	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	698901	86.19	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	2132077	59.43	ng	0.00
79) Terphenyl-d14	19.786	244	2560383	43.28	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.987	77	3580	Below Cal	#	5
32) Benzoic acid	9.905	122	1201	Below Cal	#	87
41) Hexachlorocyclopentadiene	12.704	237	24	Below Cal		87
50) Dimethylphthalate	13.916	163	81707	2.11	ng	99
54) 2,4-Dinitrophenol	14.622	184	77	Below Cal	#	1
71) Phenanthrene	17.269	178	1332119	23.88	ng	99
72) Anthracene	17.357	178	253284	4.69	ng	99
73) Carbazole	17.634	167	115338	2.29	ng	98
75) Fluoranthene	19.239	202	2370327	34.92	ng	99
78) Pyrene	19.592	202	1937571	26.34	ng	99
81) Benzo(a)anthracene	21.304	228	1074292	14.61	ng	99
83) Chrysene	21.357	228	1056471	15.10	ng	98
87) Indeno(1,2,3-cd)pyrene	26.104	276	686927	7.35	ng	# 94
88) Benzo(b)fluoranthene	22.963	252	1379655	17.59	ng	98
89) Benzo(k)fluoranthene	22.963	252	1379655	18.44	ng	98
90) Benzo(a)pyrene	23.575	252	978759	13.38	ng	98
92) Benzo(g,h,i)perylene	26.845	276	659555	8.68	ng	97

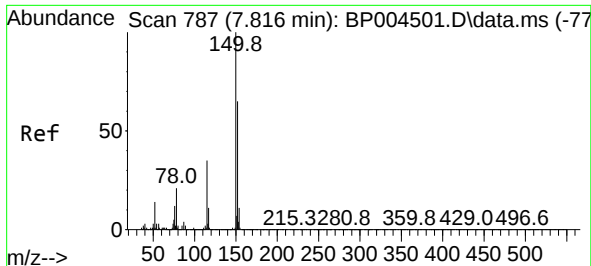
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 12 15:19:32 2021
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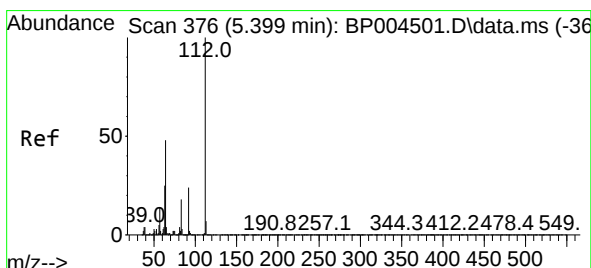
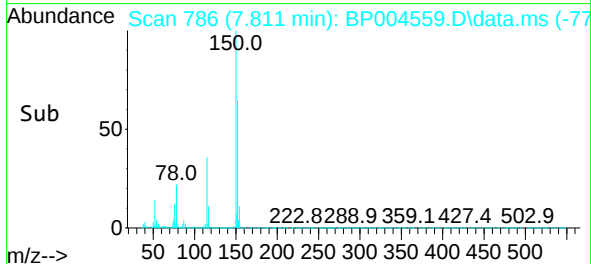
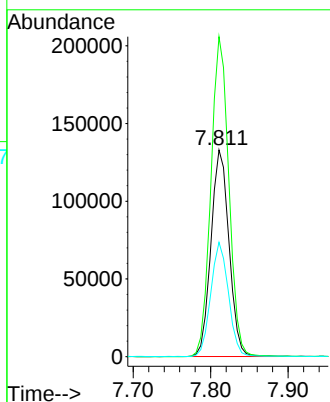
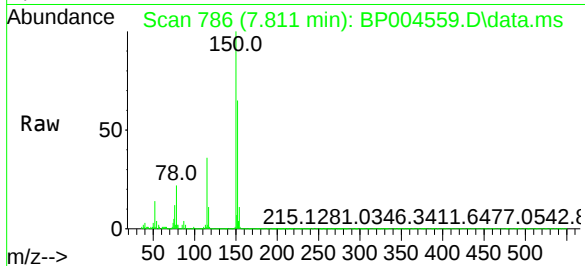




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.811 min Scan# 786
Delta R.T. -0.005 min
Lab File: BP004559.D
Acq: 14 Jan 2021 16:21

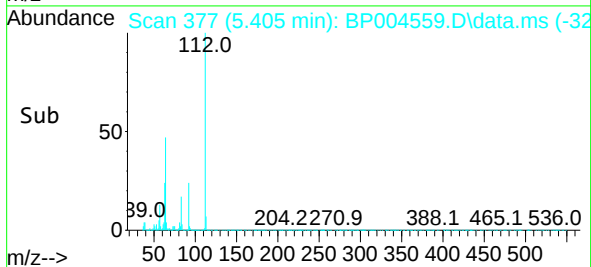
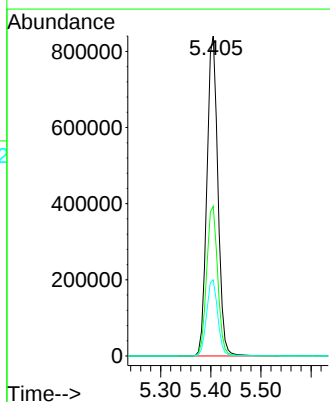
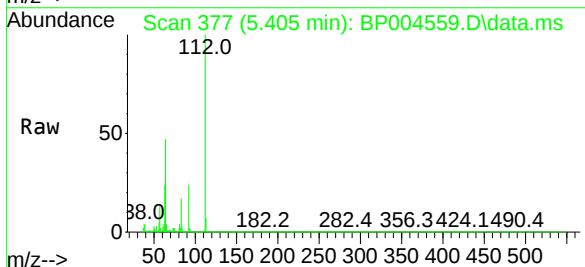
Instrument :
BNA_P
ClientSampleId :
BG-1

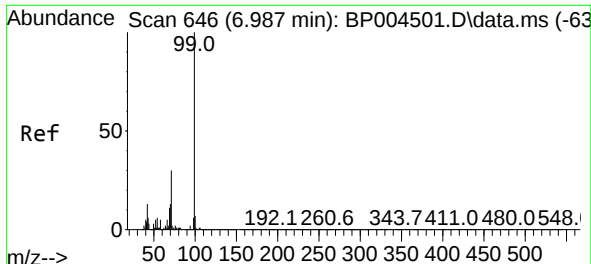
Tgt Ion:152 Resp: 215321
Ion Ratio Lower Upper
152 100
150 154.8 123.8 185.6
115 55.4 43.8 65.6



#5
2-Fluorophenol
Concen: 103.61 ng
RT: 5.405 min Scan# 377
Delta R.T. 0.006 min
Lab File: BP004559.D
Acq: 14 Jan 2021 16:21

Tgt Ion:112 Resp: 1280048
Ion Ratio Lower Upper
112 100
64 46.7 32.8 49.2
63 23.8 17.0 25.4



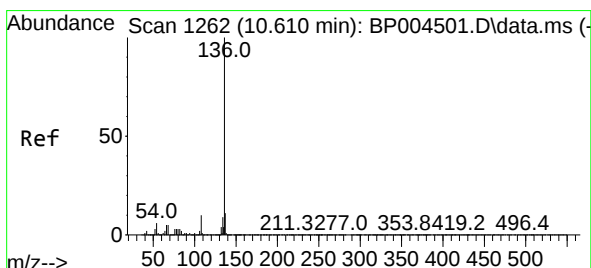
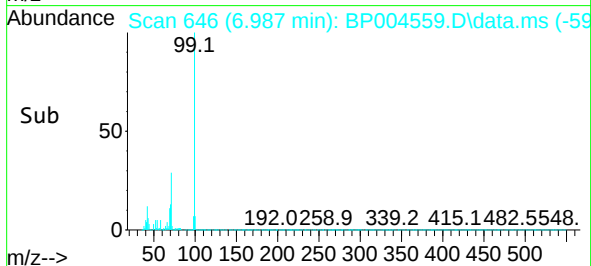
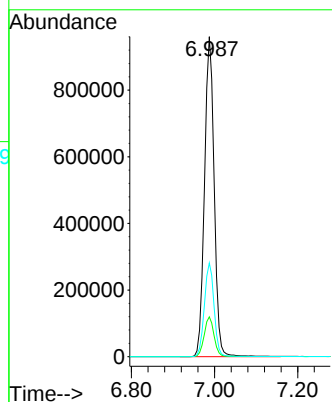
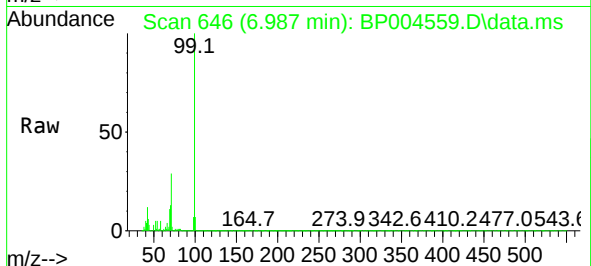


#7
Phenol-d6
Concen: 91.82 ng
RT: 6.987 min Scan# 646
Delta R.T. 0.000 min
Lab File: BP004559.D
Acq: 14 Jan 2021 16:21

Instrument :
BNA_P
ClientSampleId :
BG-1

Tgt Ion: 99 Resp: 1553686

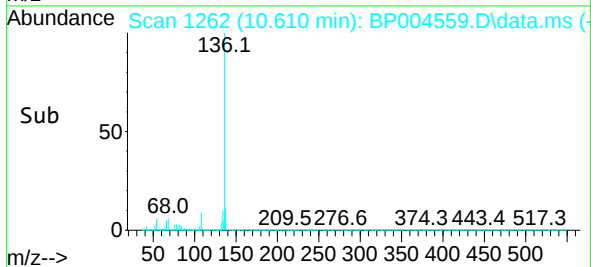
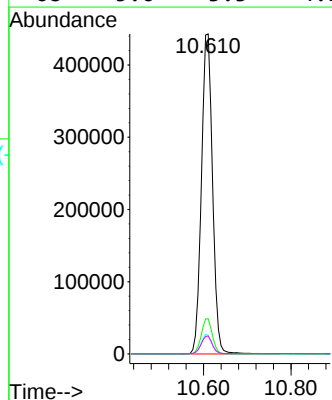
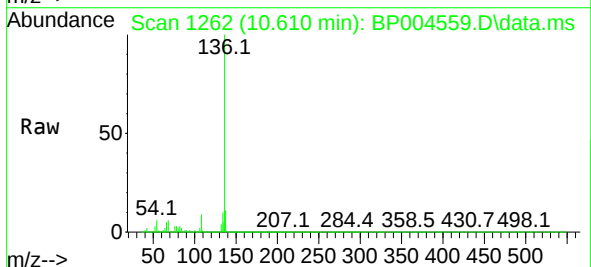
Ion	Ratio	Lower	Upper
99	100		
42	12.5	8.6	13.0
71	29.3	23.4	35.2

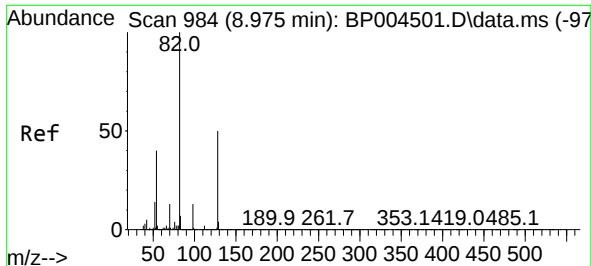


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.610 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BP004559.D
Acq: 14 Jan 2021 16:21

Tgt Ion: 136 Resp: 785178

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	5.8	3.6	5.4#
68	5.6	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 65.42 ng

RT: 8.969 min Scan# 983

Delta R.T. -0.006 min

Lab File: BP004559.D

Acq: 14 Jan 2021 16:21

Instrument :

BNA_P

ClientSampleId :

BG-1

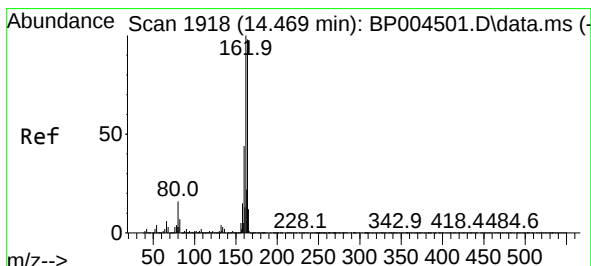
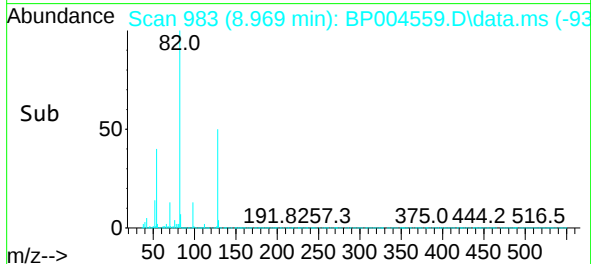
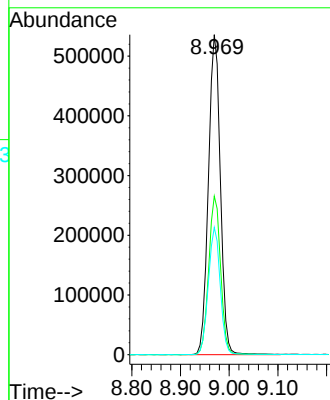
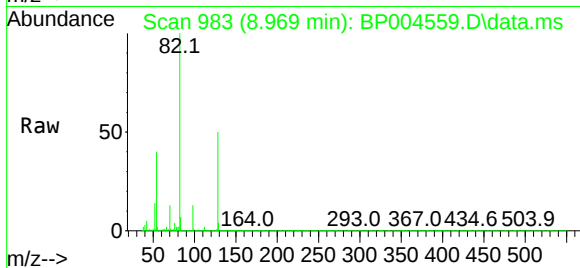
Tgt Ion: 82 Resp: 908595

Ion Ratio Lower Upper

82 100

128 49.5 45.6 68.4

54 39.8 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: BP004559.D

Acq: 14 Jan 2021 16:21

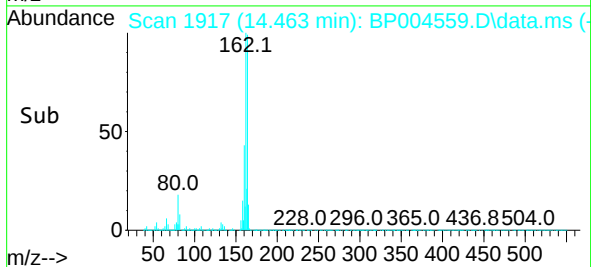
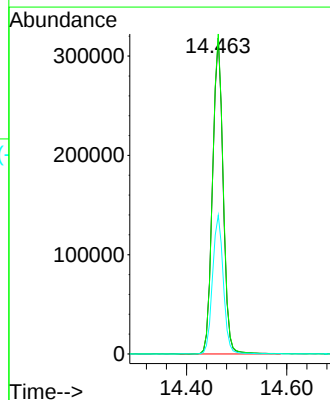
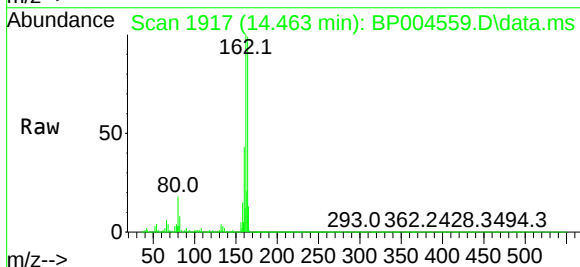
Tgt Ion: 164 Resp: 466399

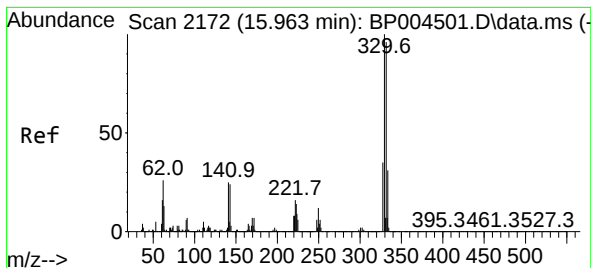
Ion Ratio Lower Upper

164 100

162 101.3 79.4 119.2

160 43.9 36.1 54.1

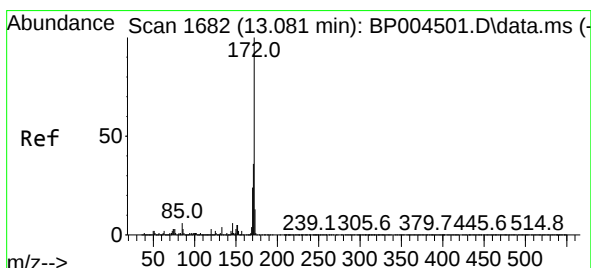
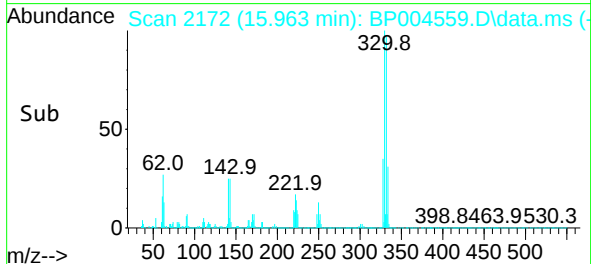
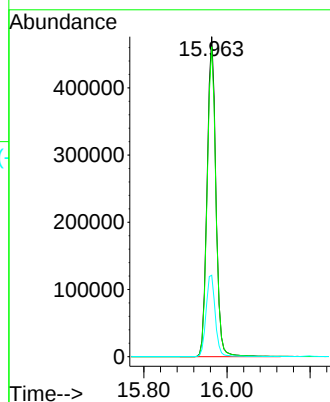
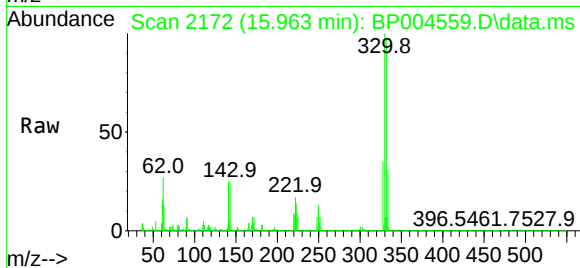




#42
2,4,6-Tribromophenol
Concen: 86.19 ng
RT: 15.963 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BP004559.D
Acq: 14 Jan 2021 16:21

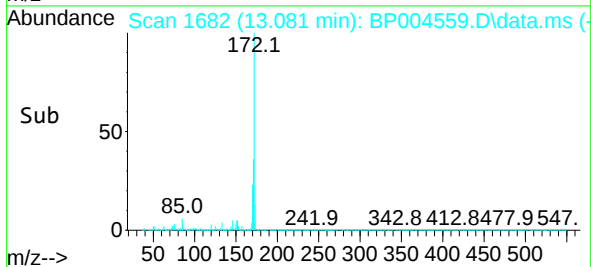
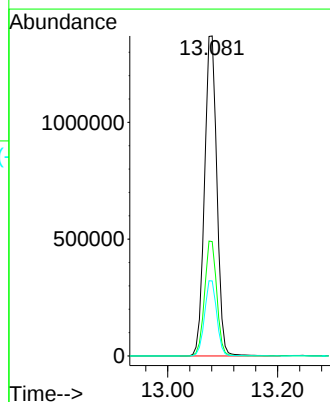
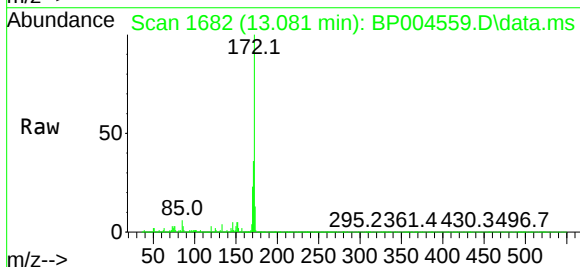
Instrument :
BNA_P
ClientSampleId :
BG-1

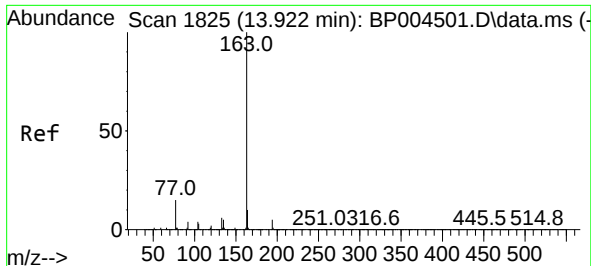
Tgt Ion:330 Resp: 698901
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 26.7 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 59.43 ng
RT: 13.081 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BP004559.D
Acq: 14 Jan 2021 16:21

Tgt Ion:172 Resp: 2132077
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.5 19.2 28.8

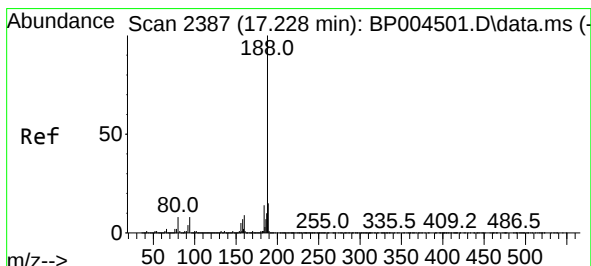
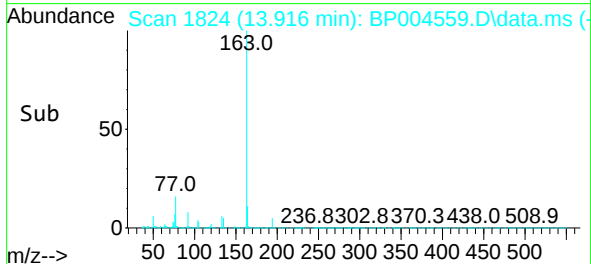
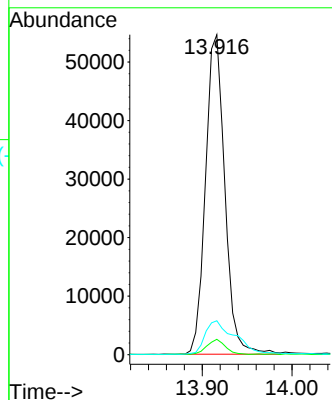
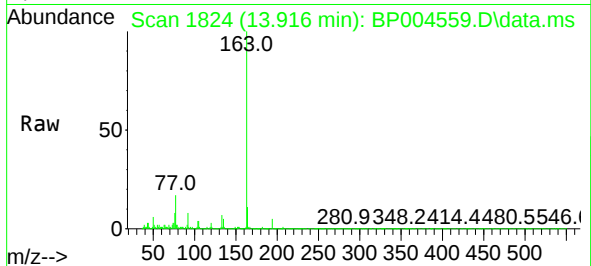




#50
Dimethylphthalate
Concen: 2.11 ng
RT: 13.916 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BP004559.D
Acq: 14 Jan 2021 16:21

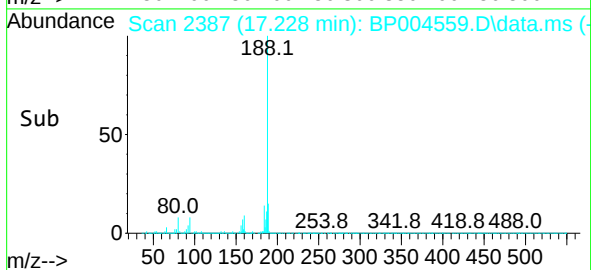
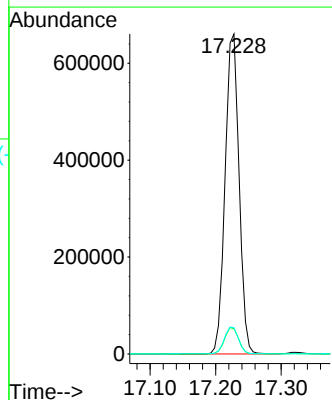
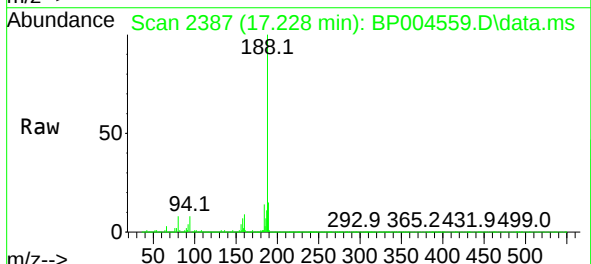
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BNA_P
ClientSampleId :
BG-1

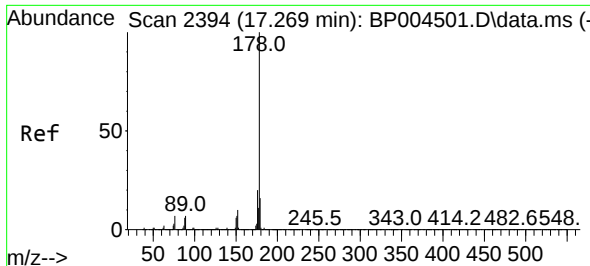
Tgt Ion:163 Resp: 81707
Ion Ratio Lower Upper
163 100
194 4.8 3.3 4.9
164 10.6 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.228 min Scan# 2387
Delta R.T. -0.000 min
Lab File: BP004559.D
Acq: 14 Jan 2021 16:21

Tgt Ion:188 Resp: 973020
Ion Ratio Lower Upper
188 100
94 7.9 6.2 9.2
80 8.2 6.2 9.2

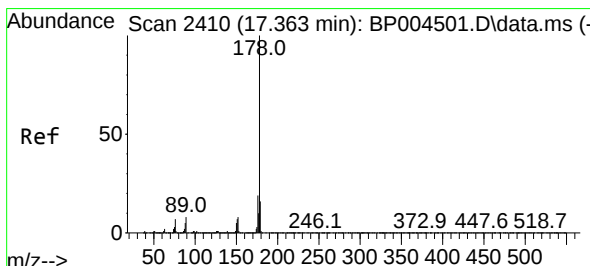
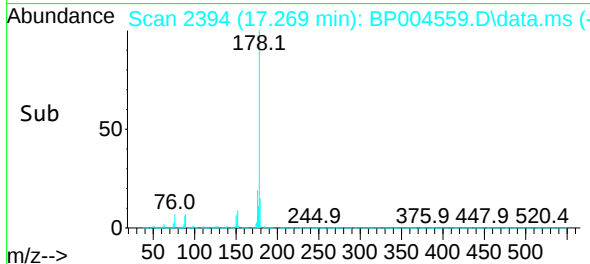
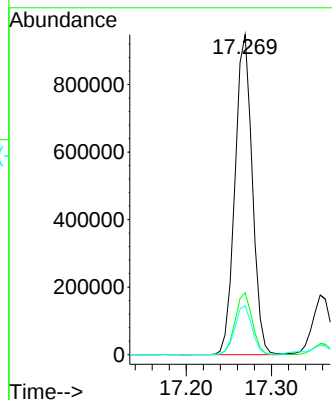
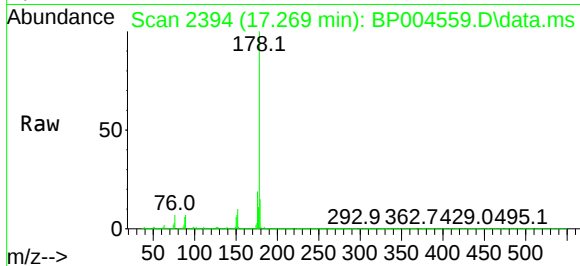




#71
Phenanthrene
Concen: 23.88 ng
RT: 17.269 min Scan# 2394
Delta R.T. 0.000 min
Lab File: BP004559.D
Acq: 14 Jan 2021 16:21

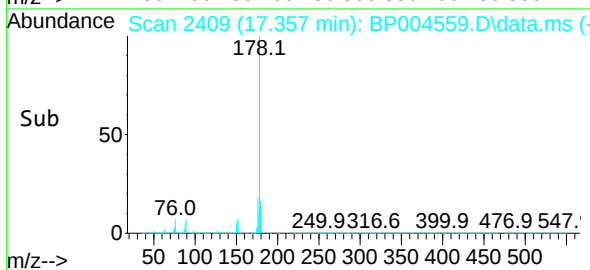
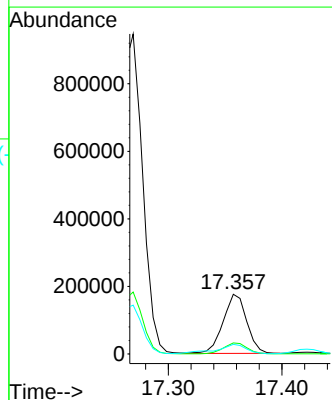
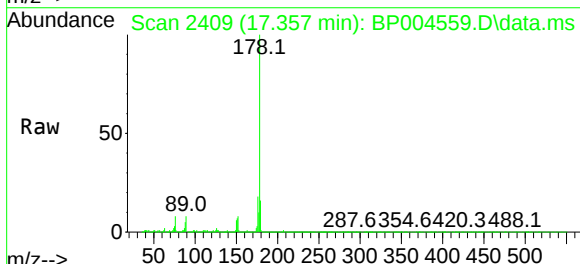
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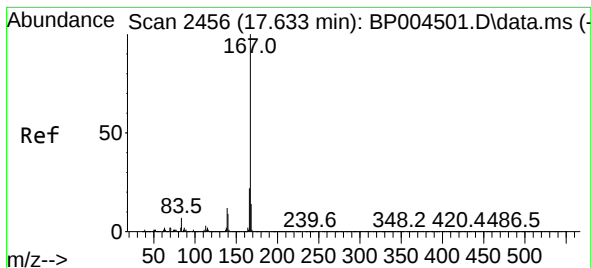
Tgt Ion:178 Resp: 1332119
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.3 12.5 18.7



#72
Anthracene
Concen: 4.69 ng
RT: 17.357 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP004559.D
Acq: 14 Jan 2021 16:21

Tgt Ion:178 Resp: 253284
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.4
179 16.1 12.5 18.7

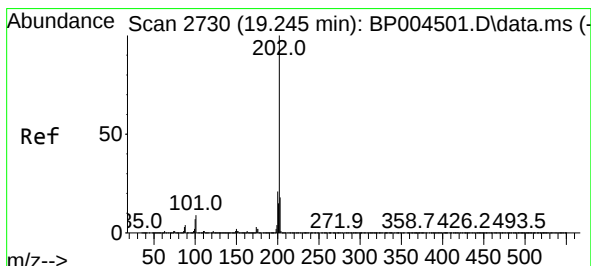
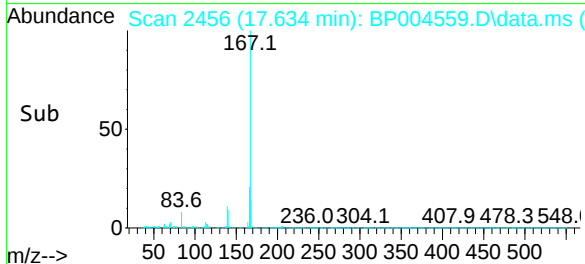
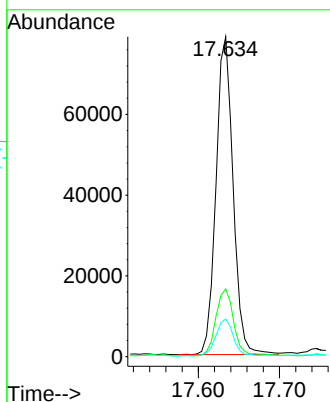
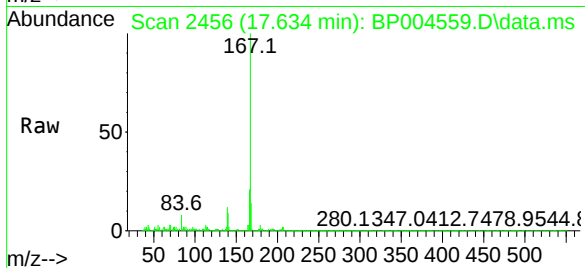




#73
 Carbazole
 Concen: 2.29 ng
 RT: 17.634 min Scan# 2456
 Delta R.T. 0.000 min
 Lab File: BP004559.D
 Acq: 14 Jan 2021 16:21

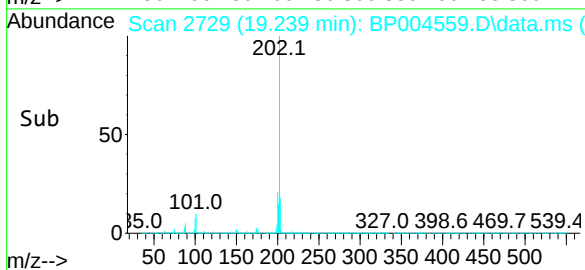
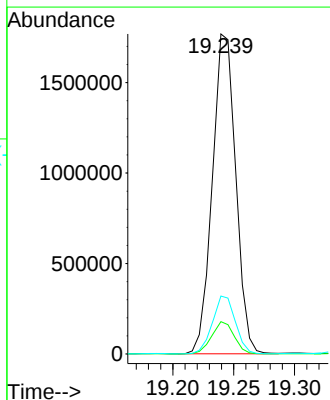
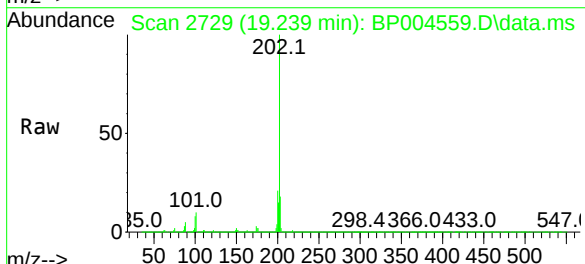
Instrument :
 BNA_P
 ClientSampleId :
 BG-1

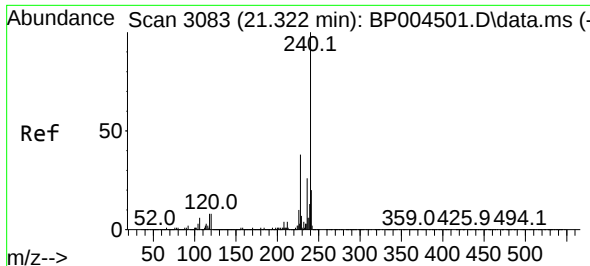
Tgt Ion:167	Resp:	115338
Ion Ratio	Lower	Upper
167	100	
166	21.2	17.6 26.4
139	11.8	10.2 15.4



#75
 Fluoranthene
 Concen: 34.92 ng
 RT: 19.239 min Scan# 2729
 Delta R.T. -0.006 min
 Lab File: BP004559.D
 Acq: 14 Jan 2021 16:21

Tgt Ion:202	Resp:	2370327
Ion Ratio	Lower	Upper
202	100	
101	10.1	0.0 29.4
203	18.1	0.0 37.8

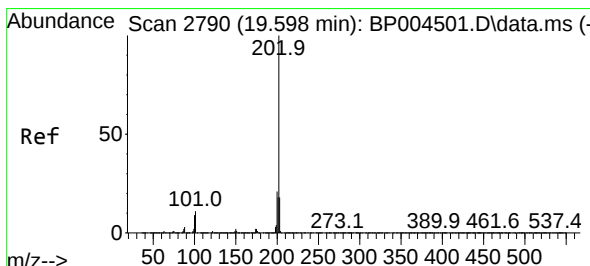
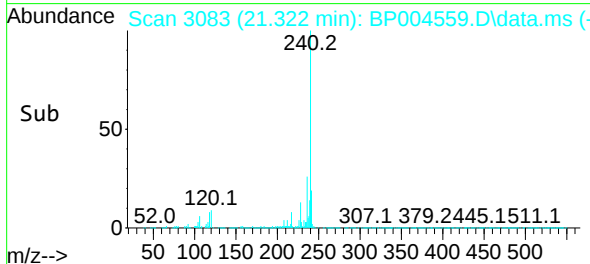
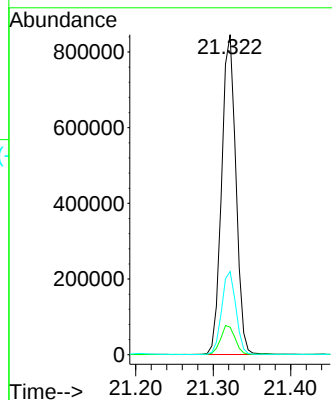
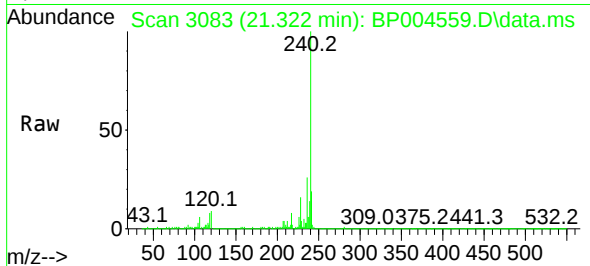




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.322 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BP004559.D
Acq: 14 Jan 2021 16:21

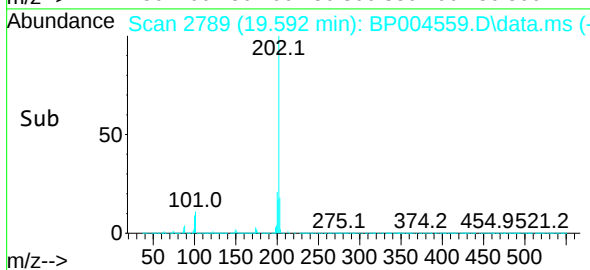
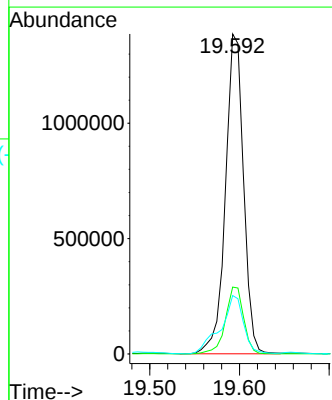
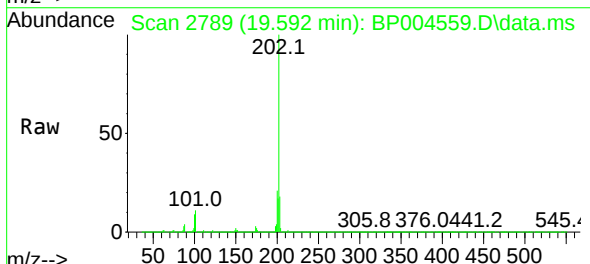
Instrument :
BNA_P
ClientSampleId :
BG-1

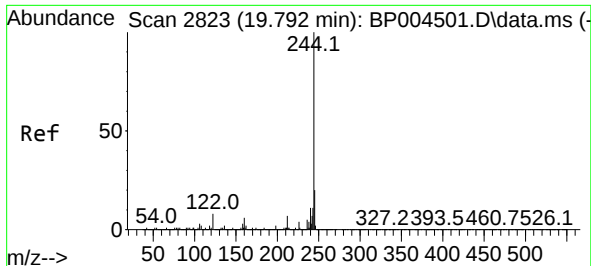
Tgt Ion:240 Resp: 1080927
Ion Ratio Lower Upper
240 100
120 8.6 7.8 11.6
236 25.9 20.8 31.2



#78
Pyrene
Concen: 26.34 ng
RT: 19.592 min Scan# 2789
Delta R.T. -0.006 min
Lab File: BP004559.D
Acq: 14 Jan 2021 16:21

Tgt Ion:202 Resp: 1937571
Ion Ratio Lower Upper
202 100
200 20.9 17.1 25.7
203 18.2 14.2 21.2

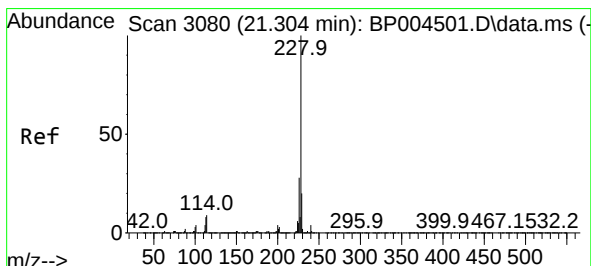
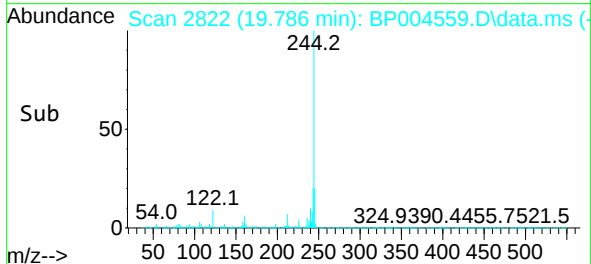
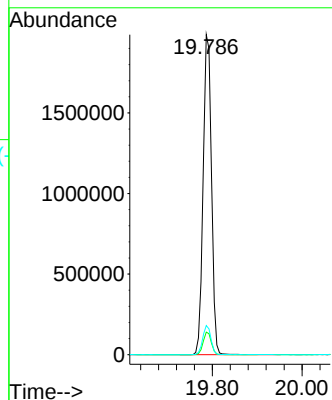
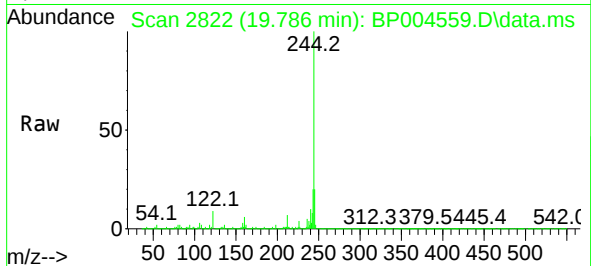




#79
Terphenyl-d14
Concen: 43.28 ng
RT: 19.786 min Scan# 2822
Delta R.T. -0.006 min
Lab File: BP004559.D
Acq: 14 Jan 2021 16:21

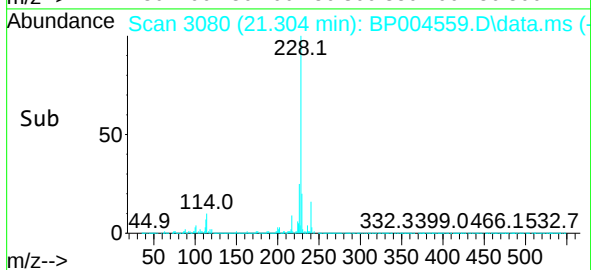
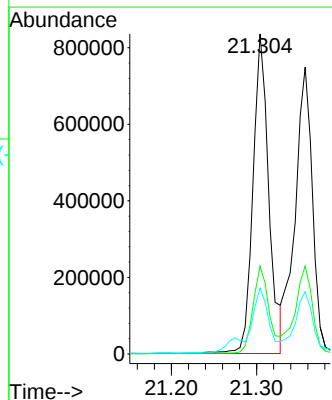
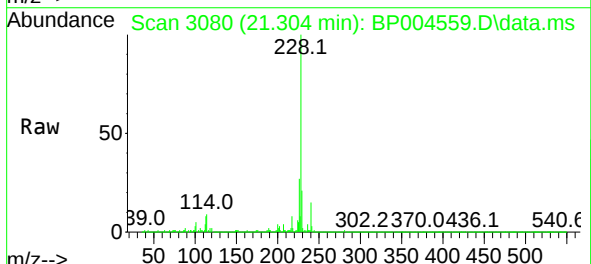
Instrument :
BNA_P
ClientSampled :
BG-1

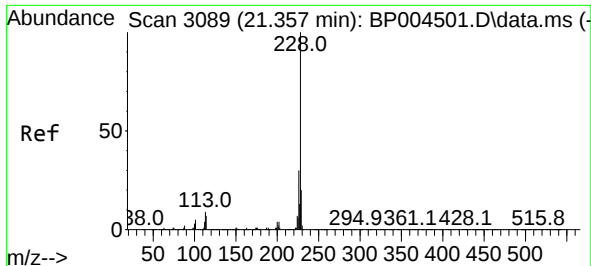
Tgt Ion:244 Resp: 2560383
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 9.1 7.8 11.8



#81
Benzo(a)anthracene
Concen: 14.61 ng
RT: 21.304 min Scan# 3080
Delta R.T. 0.000 min
Lab File: BP004559.D
Acq: 14 Jan 2021 16:21

Tgt Ion:228 Resp: 1074292
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 20.6 15.9 23.9

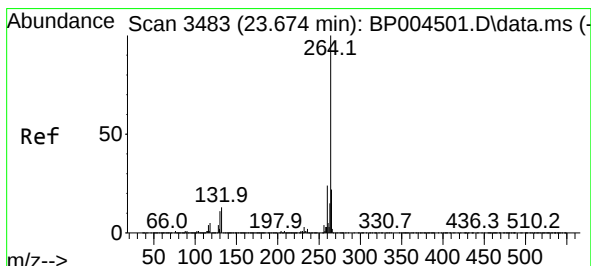
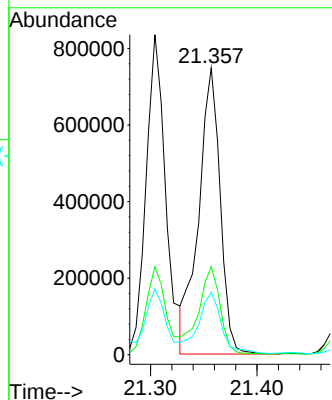
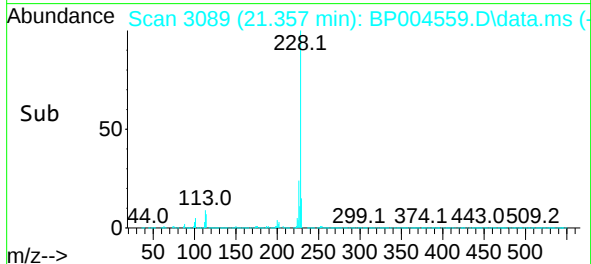
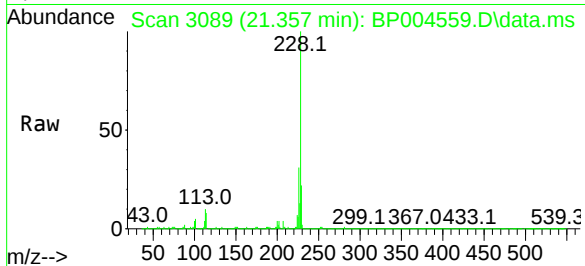




#83
Chrysene
Concen: 15.10 ng
RT: 21.357 min Scan# 3089
Delta R.T. 0.000 min
Lab File: BP004559.D
Acq: 14 Jan 2021 16:21

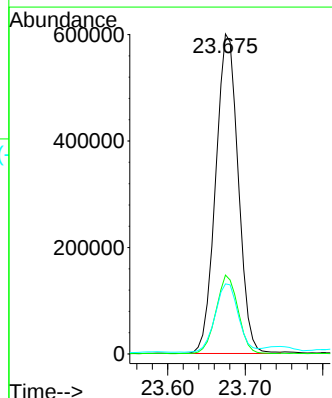
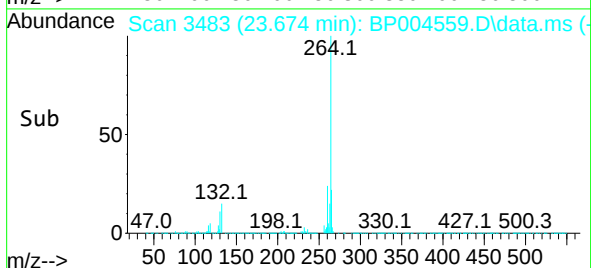
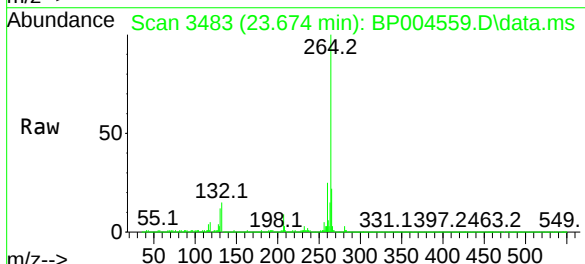
Instrument :
BNA_P
ClientSampleId :
BG-1

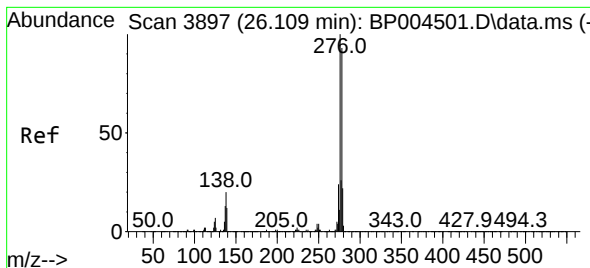
Tgt Ion:228 Resp: 1056471
Ion Ratio Lower Upper
228 100
226 30.7 24.4 36.6
229 21.7 15.8 23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.674 min Scan# 3483
Delta R.T. 0.000 min
Lab File: BP004559.D
Acq: 14 Jan 2021 16:21

Tgt Ion:264 Resp: 1211833
Ion Ratio Lower Upper
264 100
260 24.7 18.8 28.2
265 21.9 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.35 ng

RT: 26.104 min Scan# 3896

Delta R.T. -0.006 min

Lab File: BP004559.D

Acq: 14 Jan 2021 16:21

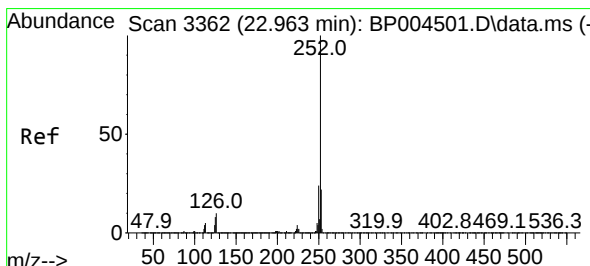
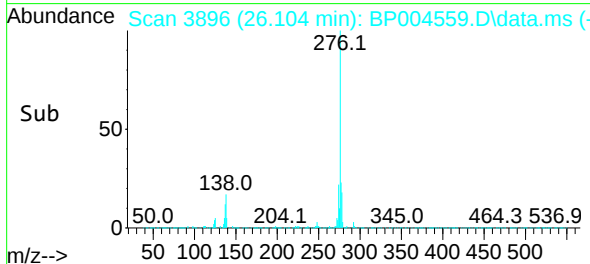
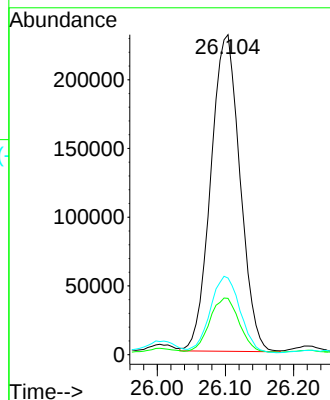
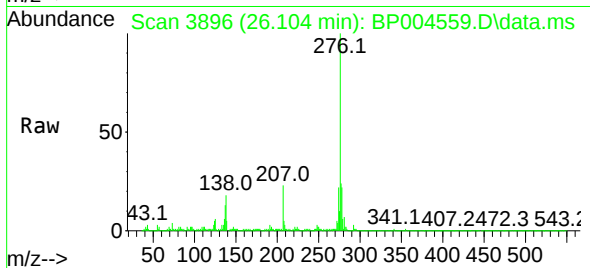
Instrument :

BNA_P

ClientSampled :

BG-1

Tgt Ion:	276	Resp:	686927
Ion Ratio	Lower	Upper	
276	100		
138	18.1	18.7	28.1#
277	24.6	20.4	30.6



#88

Benzo(b)fluoranthene

Concen: 17.59 ng

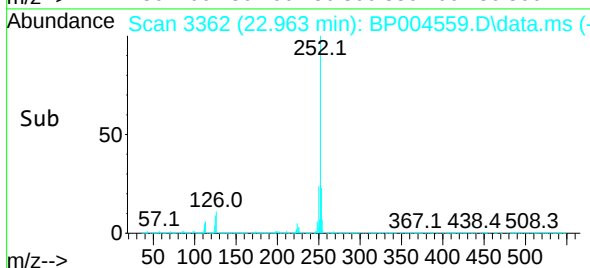
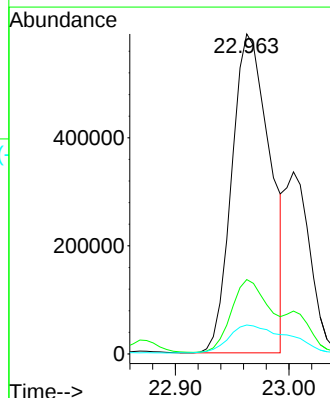
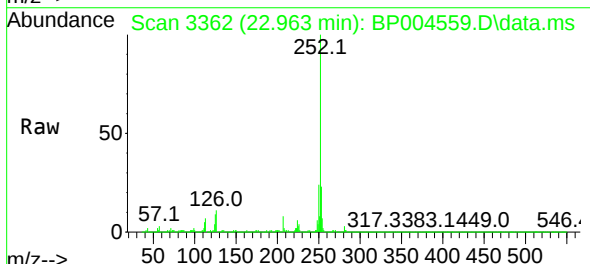
RT: 22.963 min Scan# 3362

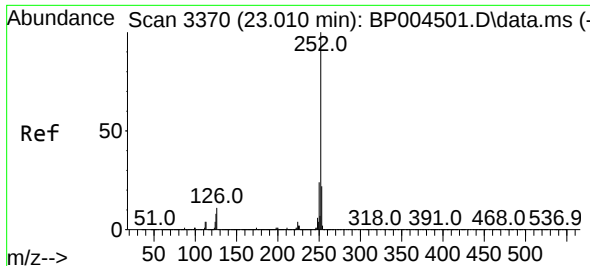
Delta R.T. 0.000 min

Lab File: BP004559.D

Acq: 14 Jan 2021 16:21

Tgt Ion:	252	Resp:	1379655
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.6	26.4
125	9.1	7.3	10.9

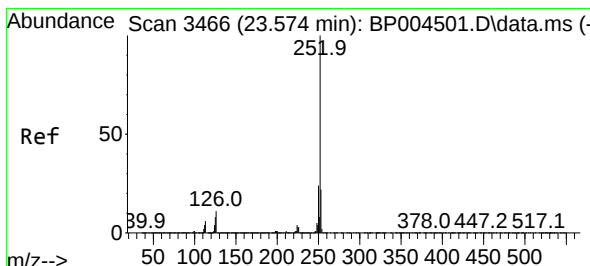
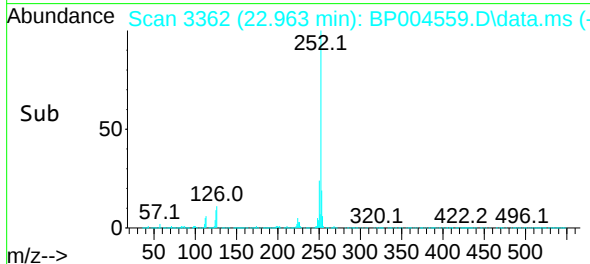
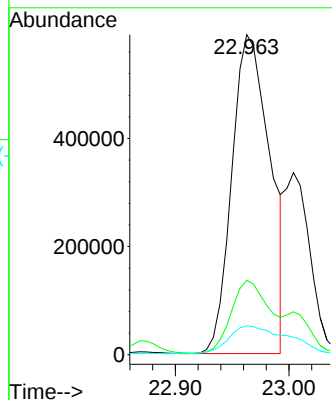
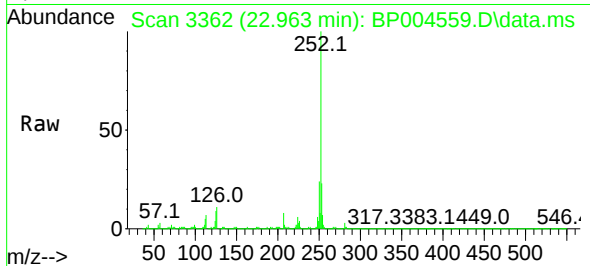




#89
Benzo(k)fluoranthene
Concen: 18.44 ng
RT: 22.963 min Scan# 3362
Delta R.T. -0.047 min
Lab File: BP004559.D
Acq: 14 Jan 2021 16:21

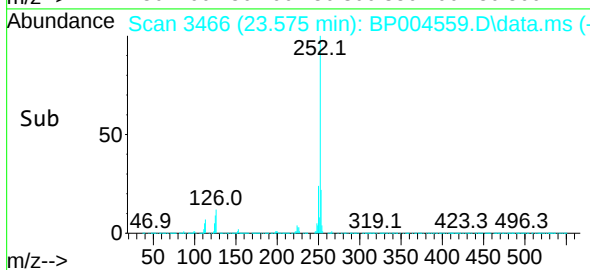
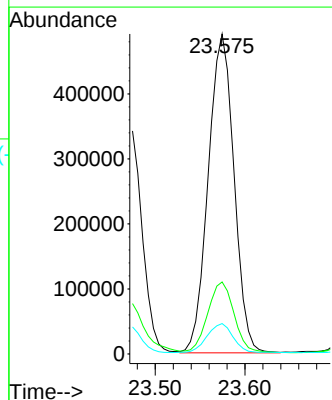
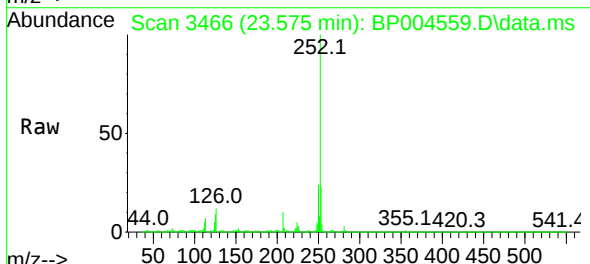
Instrument :
BNA_P
ClientSampleId :
BG-1

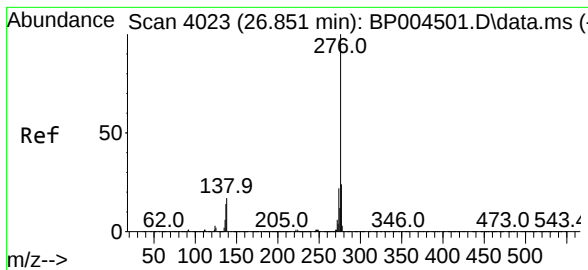
Tgt Ion:252 Resp: 1379655
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 9.1 7.4 11.2



#90
Benzo(a)pyrene
Concen: 13.38 ng
RT: 23.575 min Scan# 3466
Delta R.T. 0.000 min
Lab File: BP004559.D
Acq: 14 Jan 2021 16:21

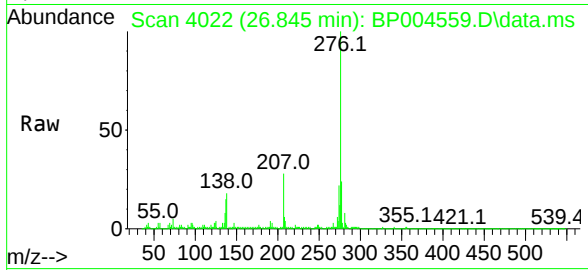
Tgt Ion:252 Resp: 978759
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 9.5 8.2 12.4





#92
 Benzo(g,h,i)perylene
 Concen: 8.68 ng
 RT: 26.845 min Scan# 4022
 Delta R.T. -0.006 min
 Lab File: BP004559.D
 Acq: 14 Jan 2021 16:21

Instrument :
 BNA_P
 ClientSampleId :
 BG-1



Tgt Ion: 276 Resp: 659555
 Ion Ratio Lower Upper
 276 100
 277 24.1 19.0 28.6
 138 18.2 16.6 24.8

