

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011321\
 Data File : BP004545.D
 Acq On : 13 Jan 2021 19:29
 Operator : CG/JU
 Sample : M1069-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FK-GF-02-065-B

Quant Time: Jan 13 21:52:00 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)

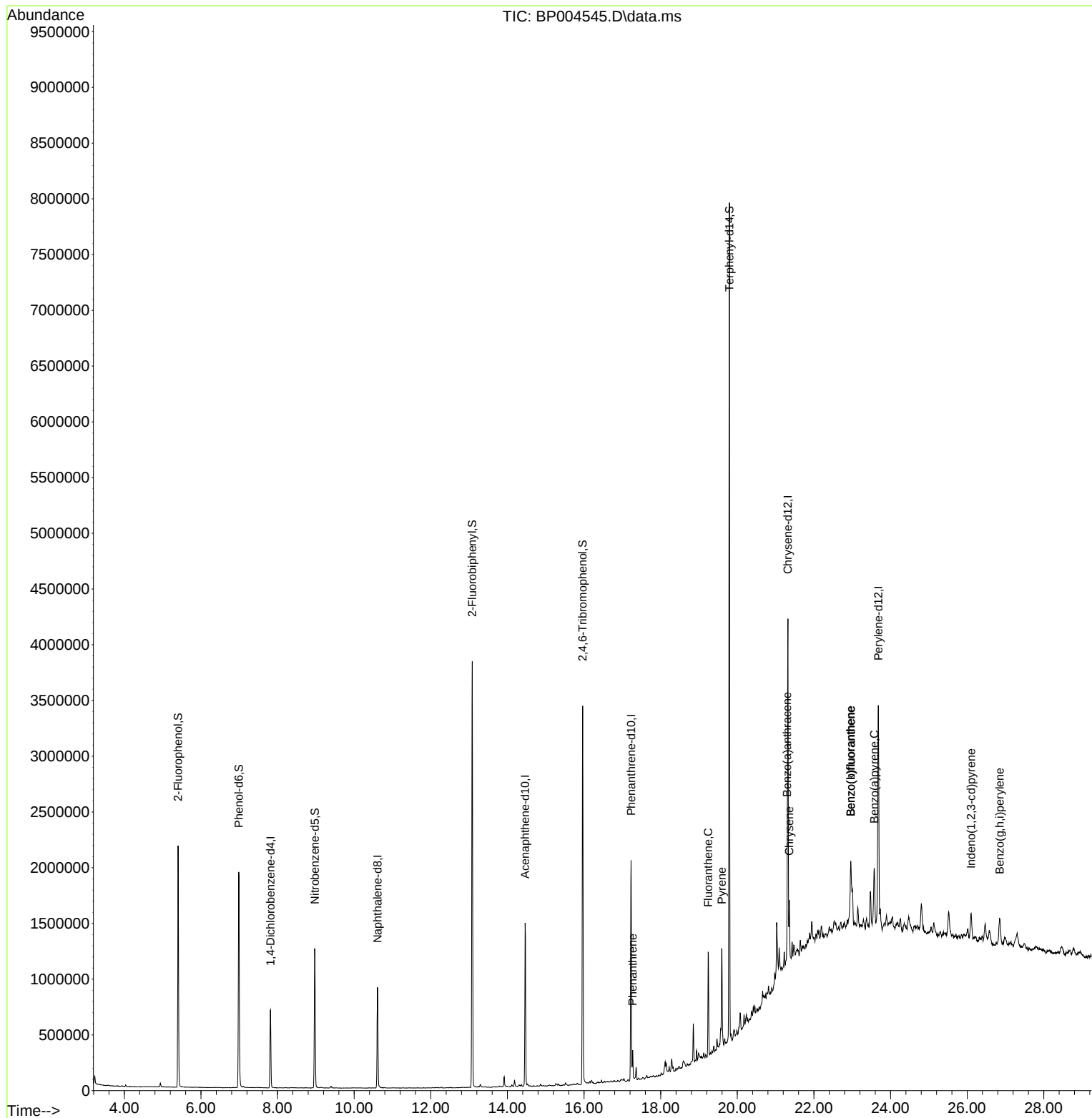
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	221781	20.00	ng	0.00
21) Naphthalene-d8	10.610	136	831422	20.00	ng	# 0.00
39) Acenaphthene-d10	14.463	164	545565	20.00	ng	0.00
64) Phenanthrene-d10	17.227	188	1263163	20.00	ng	0.00
76) Chrysene-d12	21.321	240	1442366	20.00	ng	0.00
86) Perylene-d12	23.680	264	1620648	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	1079180	84.81	ng	0.00
7) Phenol-d6	6.987	99	1316201	75.52	ng	0.00
23) Nitrobenzene-d5	8.969	82	757398	51.50	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	839118	88.46	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	2160659	51.48	ng	0.00
79) Terphenyl-d14	19.792	244	3429299	43.44	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.940	77	119	Below Cal	#	26
32) Benzoic acid	9.945	122	95	Below Cal	#	77
41) Hexachlorocyclopentadiene	12.622	237	60	Below Cal	#	36
54) 2,4-Dinitrophenol	14.592	184	31	Below Cal	#	1
71) Phenanthrene	17.269	178	170638	2.36	ng	100
75) Fluoranthene	19.239	202	575443	6.53	ng	100
78) Pyrene	19.592	202	558677	5.69	ng	99
81) Benzo(a)anthracene	21.304	228	360108	3.67	ng	96
83) Chrysene	21.357	228	322635	3.46	ng	97
87) Indeno(1,2,3-cd)pyrene	26.103	276	292344	2.34	ng	# 92
88) Benzo(b)fluoranthene	22.962	252	697380	6.65	ng	93
89) Benzo(k)fluoranthene	22.962	252	697380	6.97	ng	94
90) Benzo(a)pyrene	23.574	252	390239	3.99	ng	94
92) Benzo(g,h,i)perylene	26.850	276	295895	2.91	ng	# 93

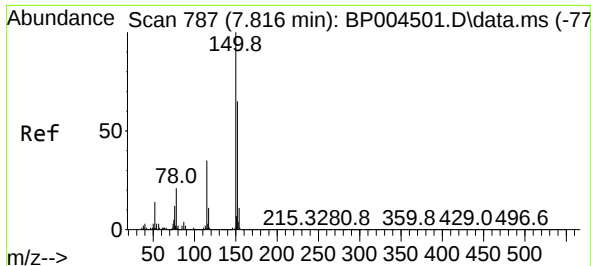
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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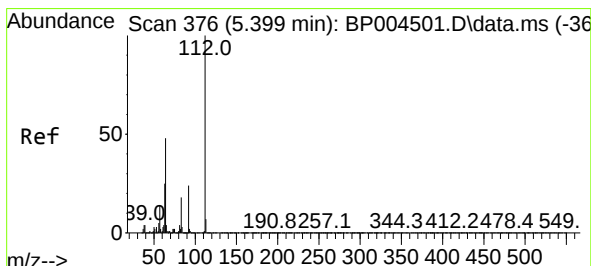
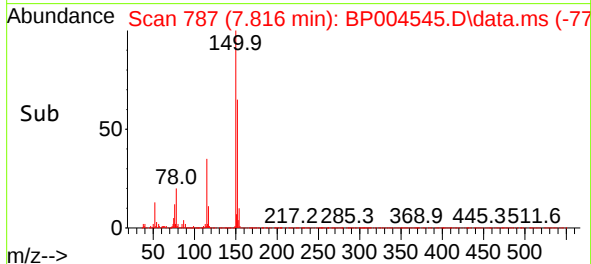
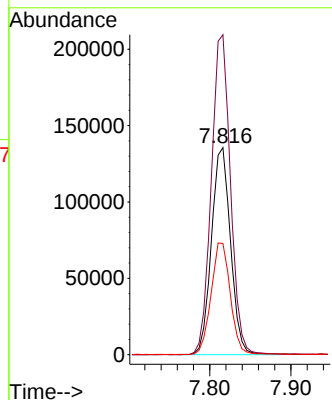
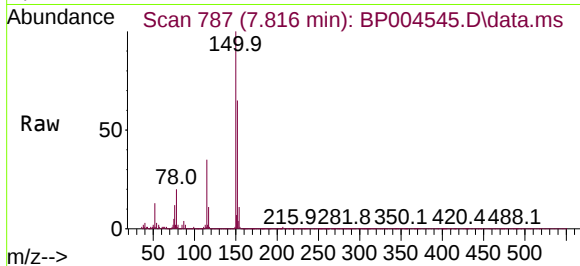




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.816 min Scan# 787
Delta R.T. 0.000 min
Lab File: BP004545.D
Acq: 13 Jan 2021 19:29

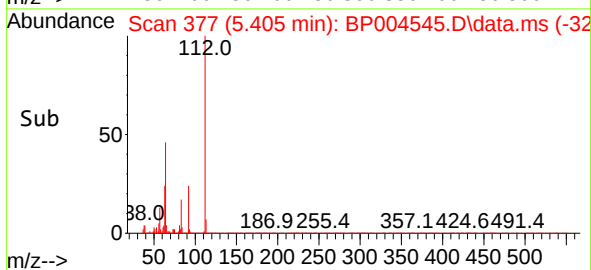
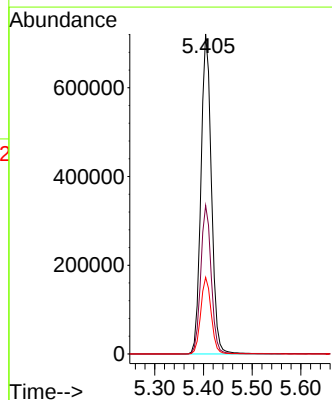
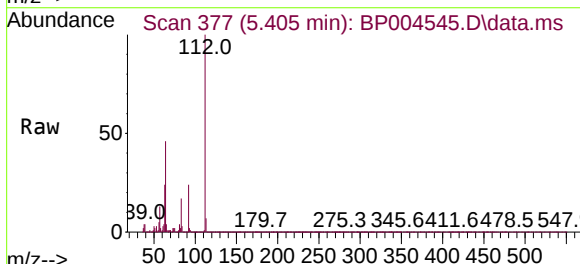
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ClientSampleId :
FK-GF-02-065-B

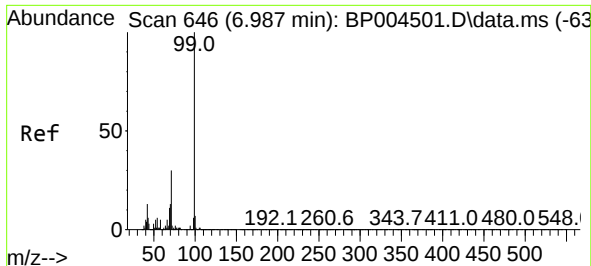
Tgt Ion:152 Resp: 221781
Ion Ratio Lower Upper
152 100
150 154.6 123.8 185.6
115 53.7 43.8 65.6



#5
2-Fluorophenol
Concen: 84.81 ng
RT: 5.405 min Scan# 377
Delta R.T. 0.006 min
Lab File: BP004545.D
Acq: 13 Jan 2021 19:29

Tgt Ion:112 Resp: 1079180
Ion Ratio Lower Upper
112 100
64 46.4 32.8 49.2
63 23.9 17.0 25.4

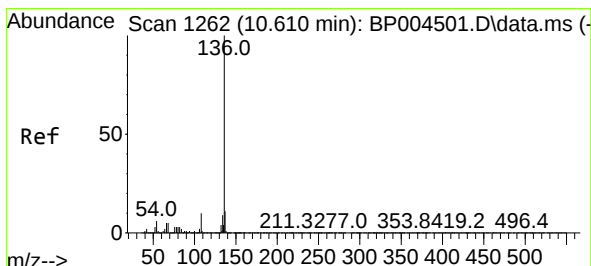
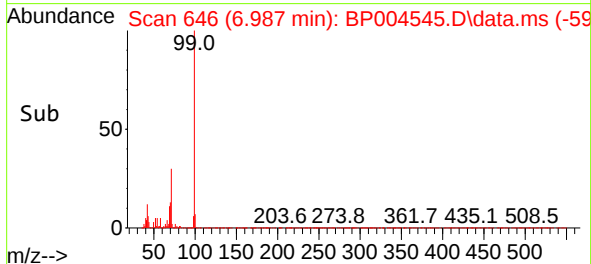
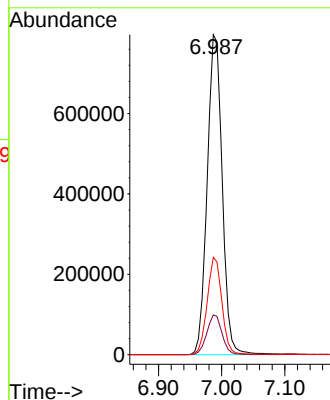
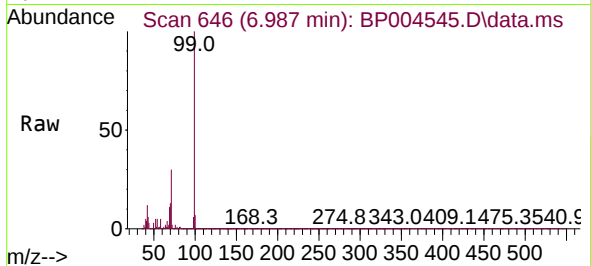




#7
Phenol-d6
Concen: 75.52 ng
RT: 6.987 min Scan# 646
Delta R.T. -0.000 min
Lab File: BP004545.D
Acq: 13 Jan 2021 19:29

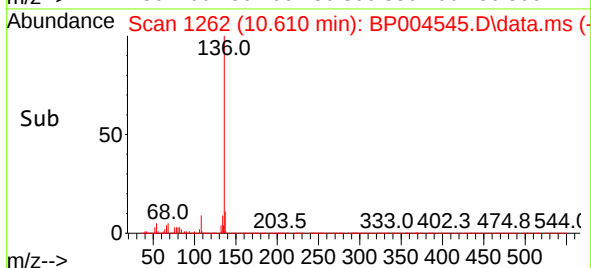
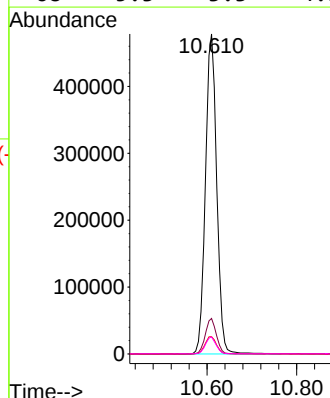
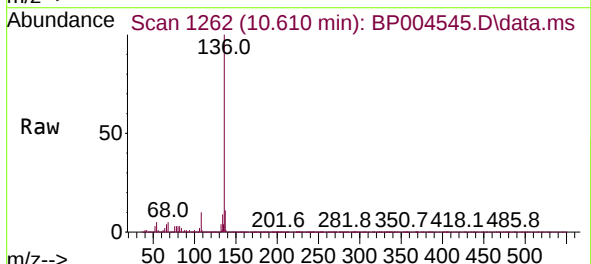
Instrument :
BNA_P
ClientSampleId :
FK-GF-02-065-B

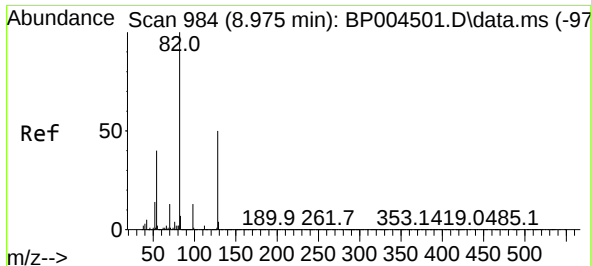
Tgt Ion: 99 Resp: 1316201
Ion Ratio Lower Upper
99 100
42 12.4 8.6 13.0
71 30.4 23.4 35.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.610 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BP004545.D
Acq: 13 Jan 2021 19:29

Tgt Ion: 136 Resp: 831422
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 5.4 3.6 5.4#
68 5.3 3.3 4.9#

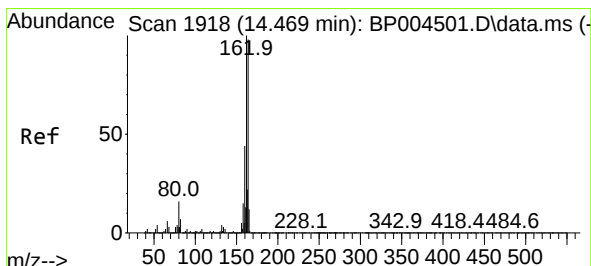
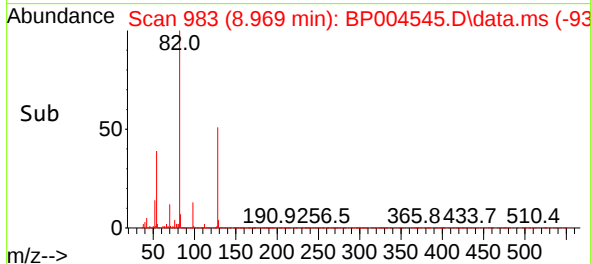
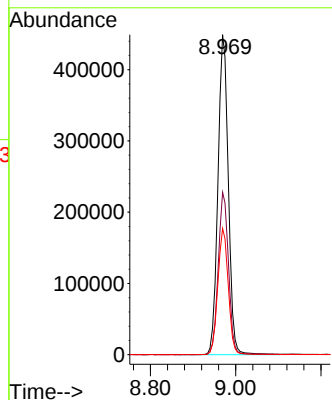
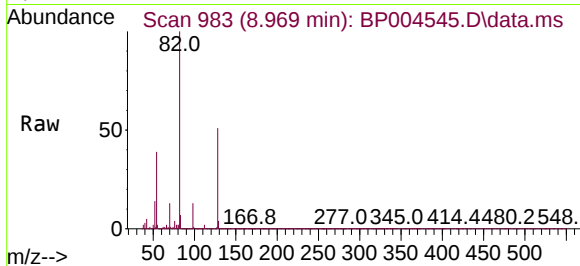




#23
Nitrobenzene-d5
Concen: 51.50 ng
RT: 8.969 min Scan# 983
Delta R.T. -0.006 min
Lab File: BP004545.D
Acq: 13 Jan 2021 19:29

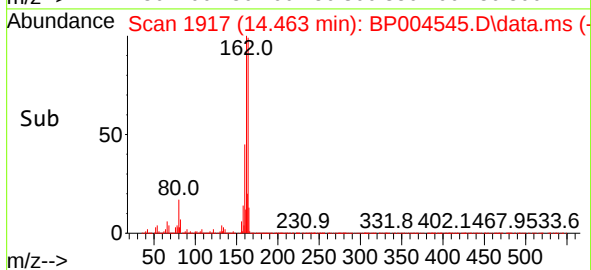
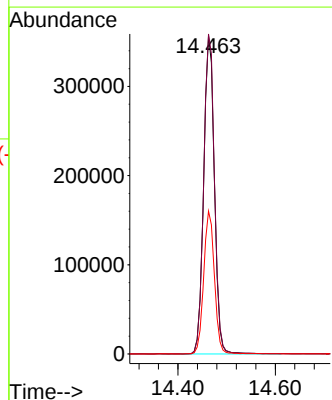
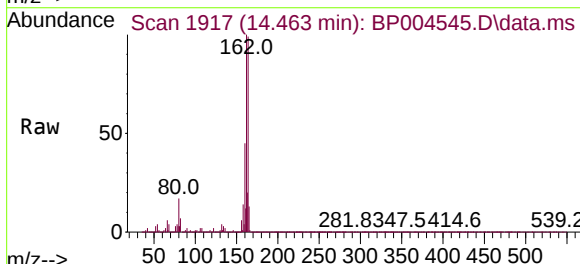
Instrument :
BNA_P
ClientSampleId :
FK-GF-02-065-B

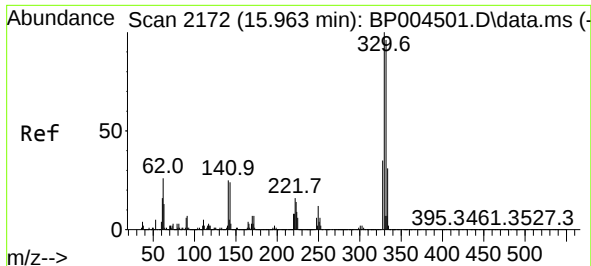
Tgt Ion: 82 Resp: 757398
Ion Ratio Lower Upper
82 100
128 50.7 45.6 68.4
54 39.5 30.1 45.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.463 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP004545.D
Acq: 13 Jan 2021 19:29

Tgt Ion: 164 Resp: 545565
Ion Ratio Lower Upper
164 100
162 100.6 79.4 119.2
160 44.9 36.1 54.1

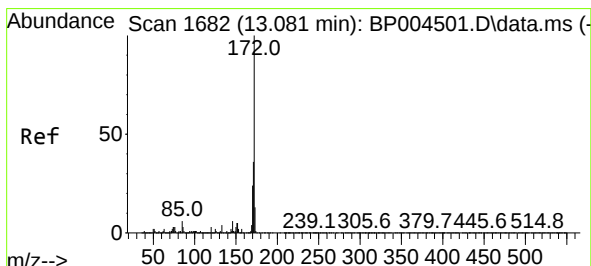
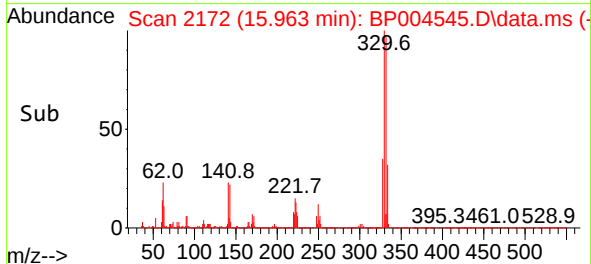
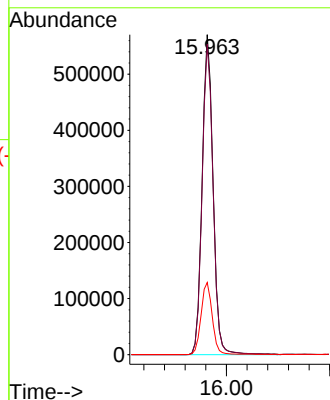
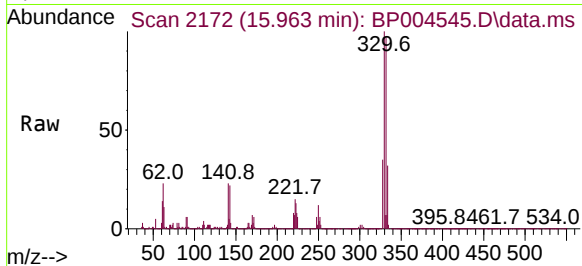




#42
2,4,6-Tribromophenol
Concen: 88.46 ng
RT: 15.963 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BP004545.D
Acq: 13 Jan 2021 19:29

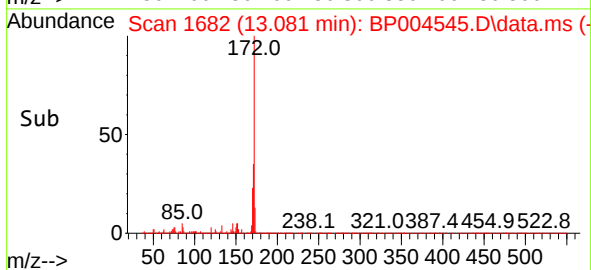
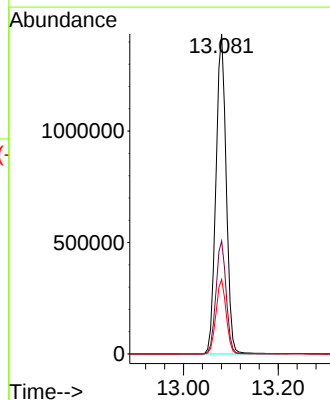
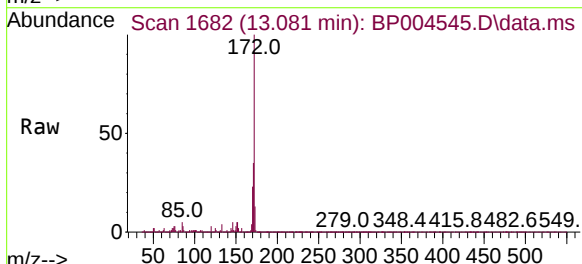
Instrument :
BNA_P
ClientSampleId :
FK-GF-02-065-B

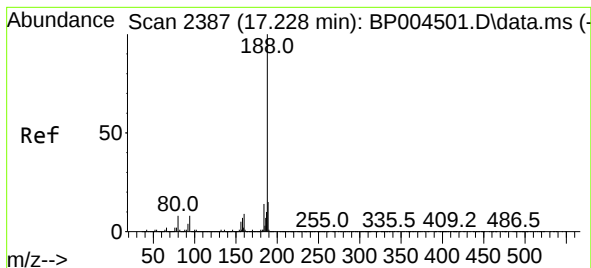
Tgt Ion:330 Resp: 839118
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 23.1 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 51.48 ng
RT: 13.081 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BP004545.D
Acq: 13 Jan 2021 19:29

Tgt Ion:172 Resp: 2160659
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.3 19.2 28.8

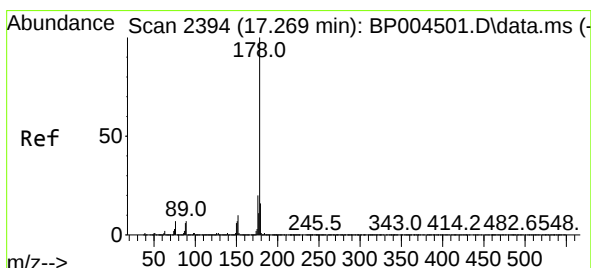
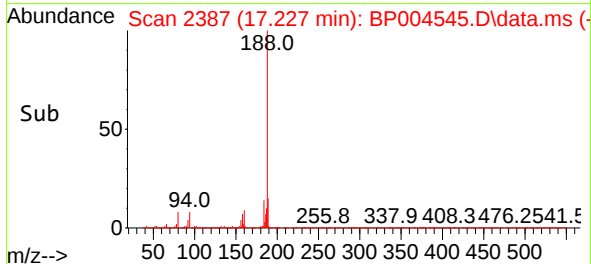
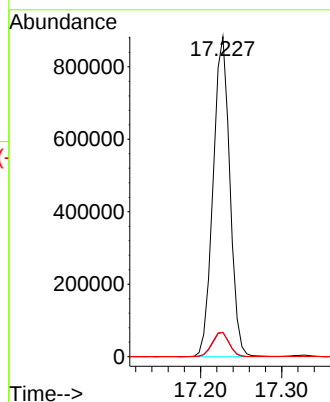
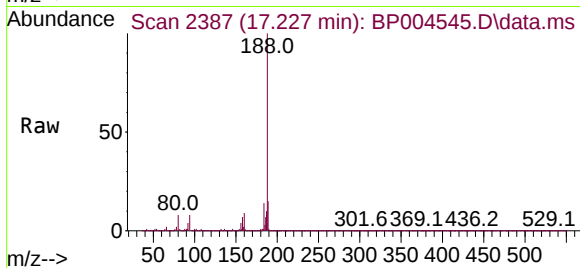




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.227 min Scan# 2387
Delta R.T. -0.001 min
Lab File: BP004545.D
Acq: 13 Jan 2021 19:29

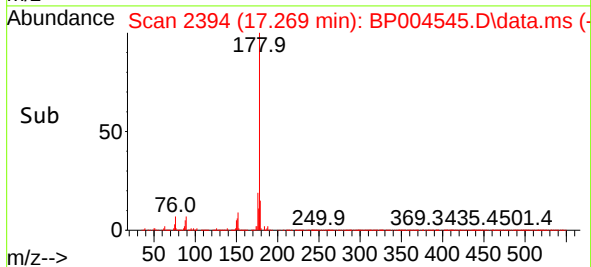
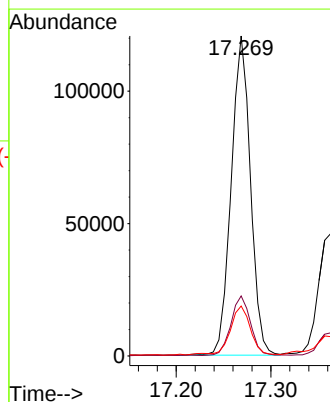
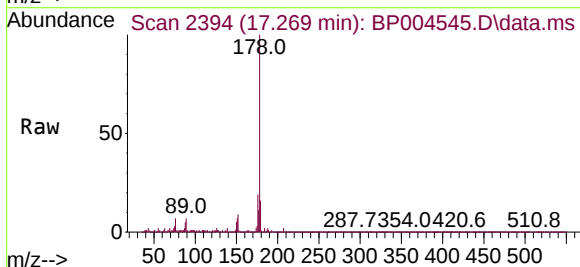
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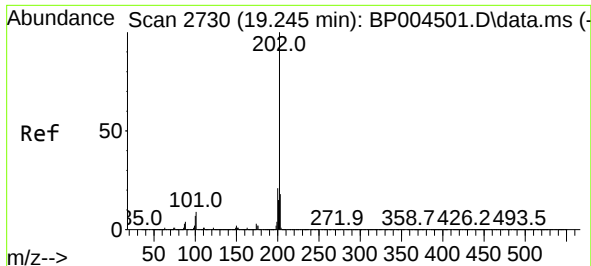
Tgt Ion:188 Resp: 1263163
Ion Ratio Lower Upper
188 100
94 7.6 6.2 9.2
80 7.6 6.2 9.2



#71
Phenanthrene
Concen: 2.36 ng
RT: 17.269 min Scan# 2394
Delta R.T. -0.000 min
Lab File: BP004545.D
Acq: 13 Jan 2021 19:29

Tgt Ion:178 Resp: 170638
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 15.6 12.5 18.7

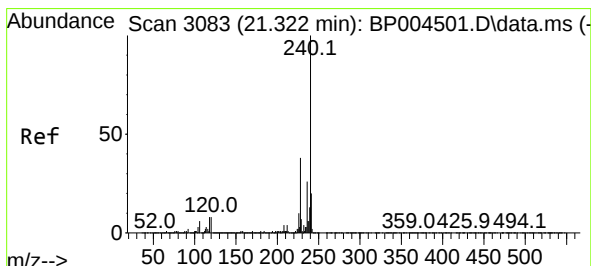
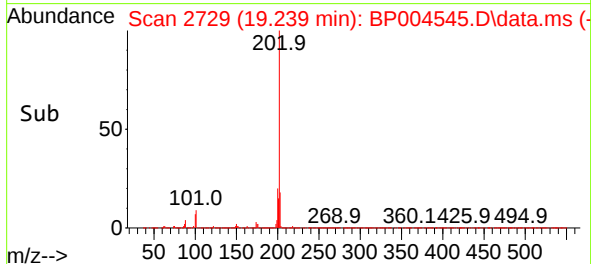
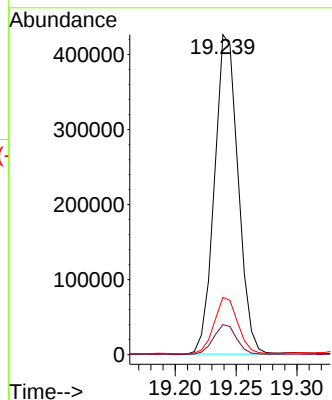
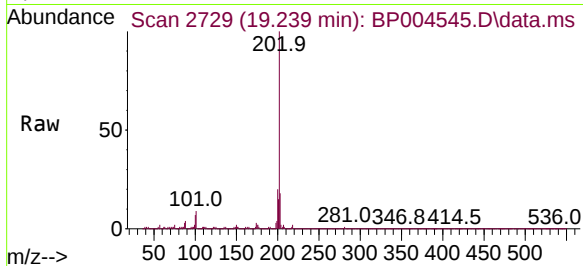




#75
Fluoranthene
Concen: 6.53 ng
RT: 19.239 min Scan# 2729
Delta R.T. -0.006 min
Lab File: BP004545.D
Acq: 13 Jan 2021 19:29

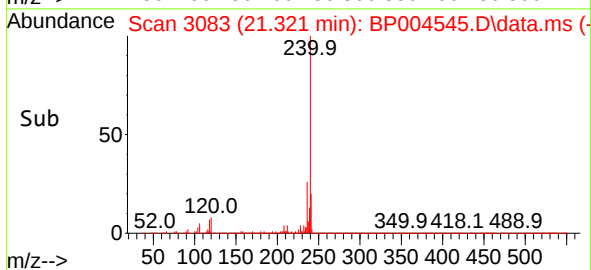
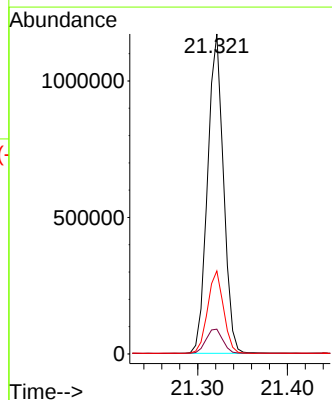
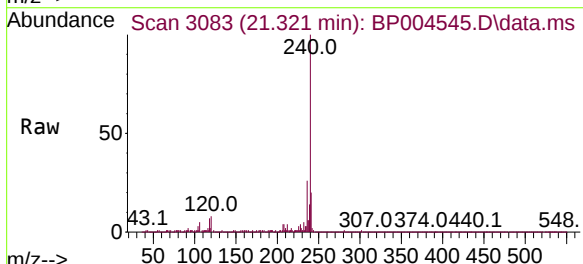
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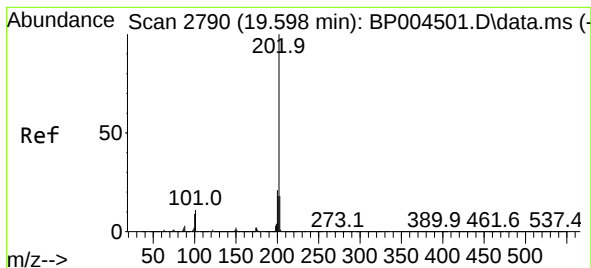
Tgt Ion:202	Resp:	575443
Ion Ratio	Lower	Upper
202	100	
101	9.4	0.0 29.4
203	17.9	0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.321 min Scan# 3083
Delta R.T. -0.000 min
Lab File: BP004545.D
Acq: 13 Jan 2021 19:29

Tgt Ion:240	Resp:	1442366
Ion Ratio	Lower	Upper
240	100	
120	7.8	7.8 11.6
236	26.0	20.8 31.2





#78

Pyrene

Concen: 5.69 ng

RT: 19.592 min Scan# 2789

Delta R.T. -0.006 min

Lab File: BP004545.D

Acq: 13 Jan 2021 19:29

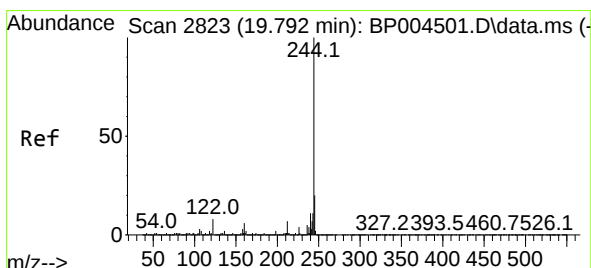
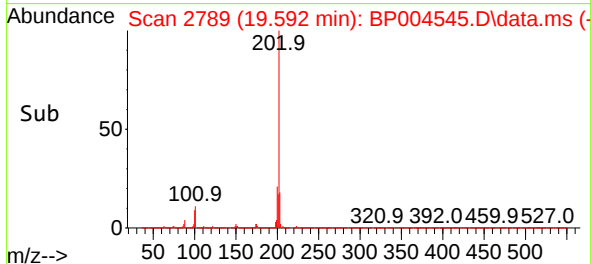
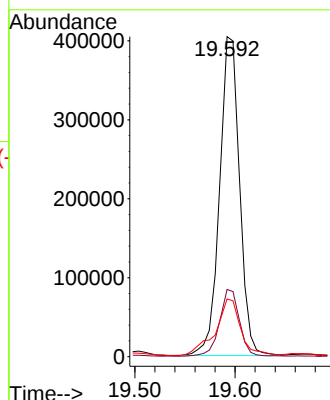
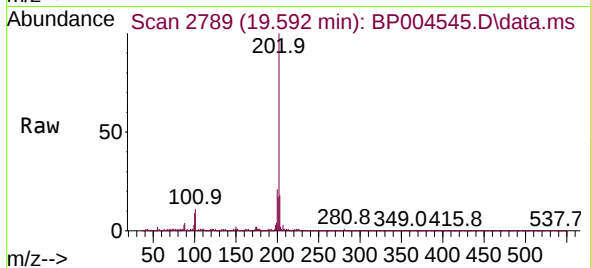
Instrument :

BNA_P

ClientSampleId :

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Tgt Ion:202	Resp: 558677
Ion Ratio	Lower Upper
202 100	
200 21.0	17.1 25.7
203 18.1	14.2 21.2



#79

Terphenyl-d14

Concen: 43.44 ng

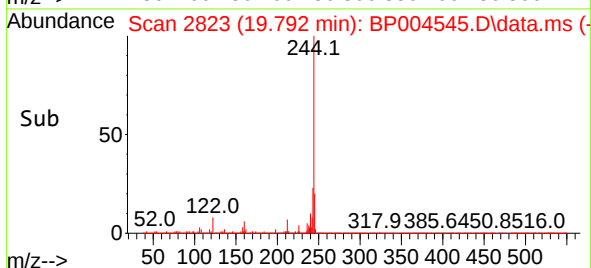
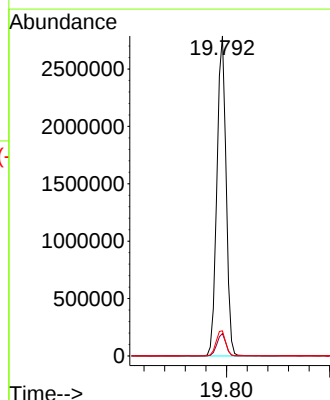
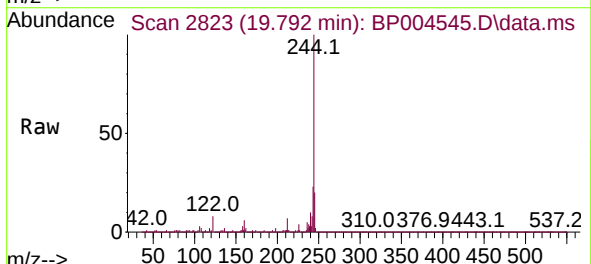
RT: 19.792 min Scan# 2823

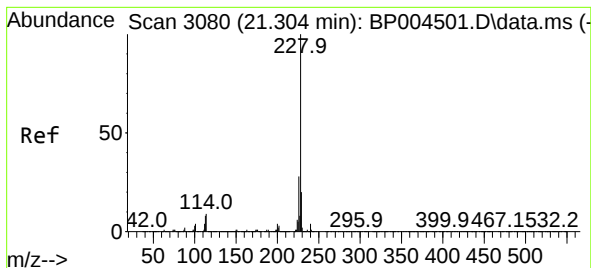
Delta R.T. -0.000 min

Lab File: BP004545.D

Acq: 13 Jan 2021 19:29

Tgt Ion:244	Resp: 3429299
Ion Ratio	Lower Upper
244 100	
212 7.0	5.8 8.6
122 7.8	7.8 11.8





#81

Benzo(a)anthracene

Concen: 3.67 ng

RT: 21.304 min Scan# 3080

Delta R.T. -0.000 min

Lab File: BP004545.D

Acq: 13 Jan 2021 19:29

Instrument :

BNA_P

ClientSampleId :

FK-GF-02-065-B

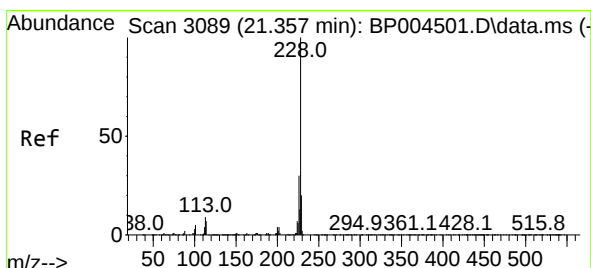
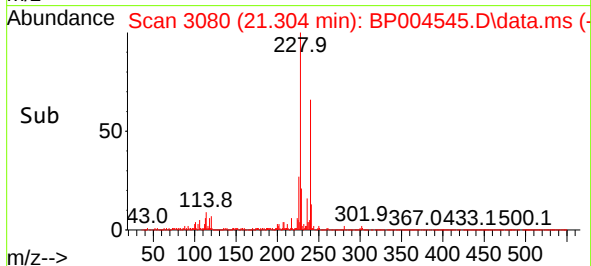
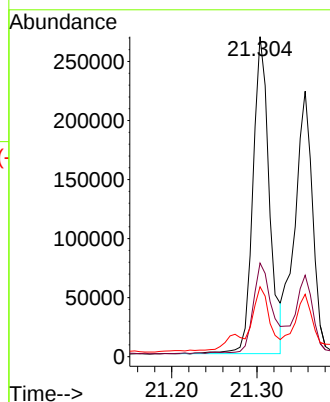
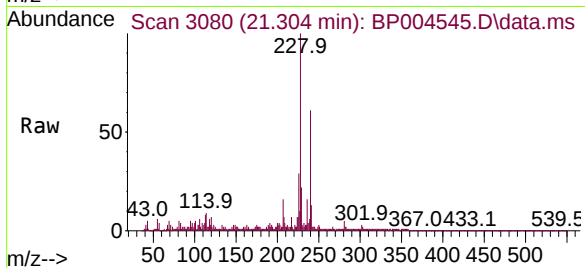
Tgt Ion:228 Resp: 360108

Ion Ratio Lower Upper

228 100

226 29.3 22.1 33.1

229 21.9 15.9 23.9



#83

Chrysene

Concen: 3.46 ng

RT: 21.357 min Scan# 3089

Delta R.T. -0.000 min

Lab File: BP004545.D

Acq: 13 Jan 2021 19:29

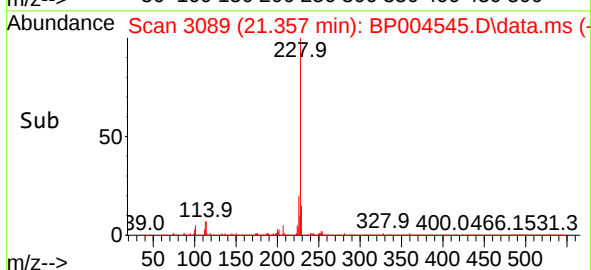
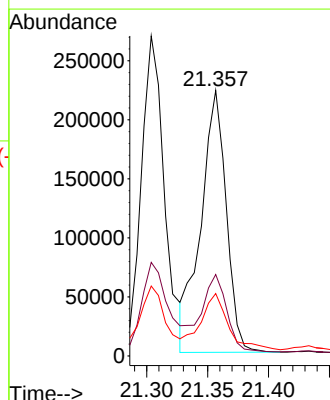
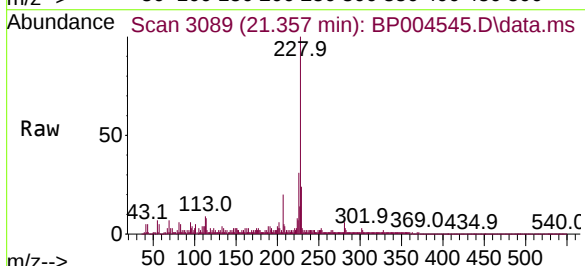
Tgt Ion:228 Resp: 322635

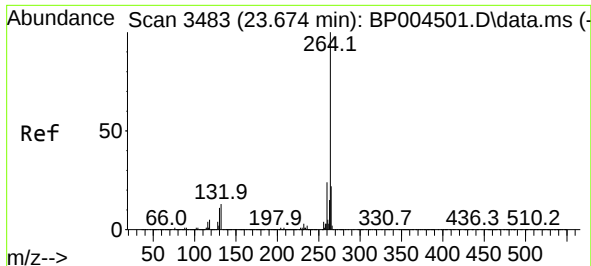
Ion Ratio Lower Upper

228 100

226 30.7 24.4 36.6

229 23.5 15.8 23.6



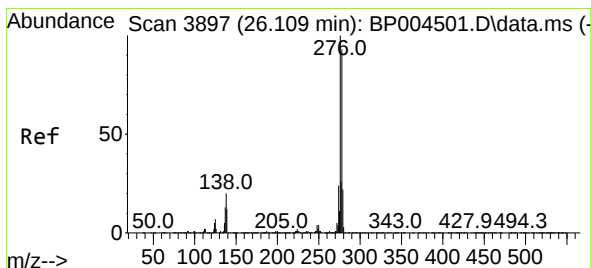
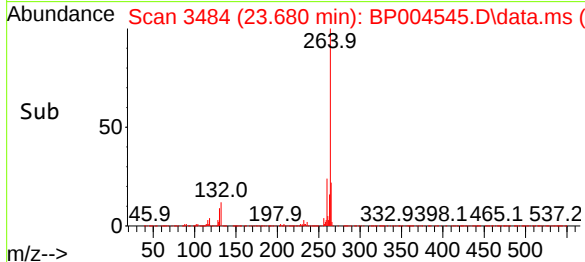
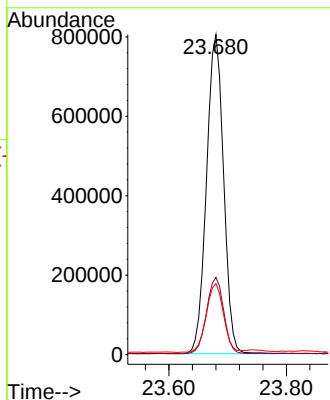
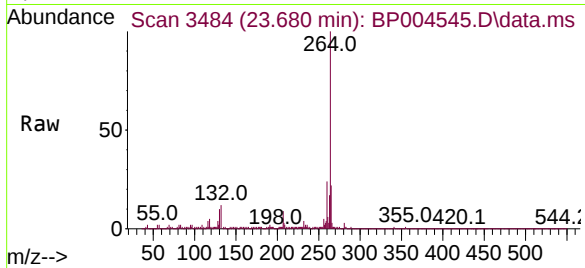


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.680 min Scan# 3484
Delta R.T. 0.006 min
Lab File: BP004545.D
Acq: 13 Jan 2021 19:29

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-065-B

Tgt Ion:264 Resp: 1620648

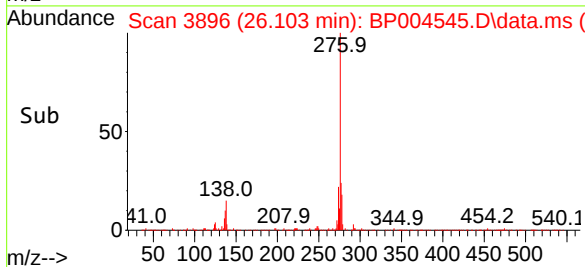
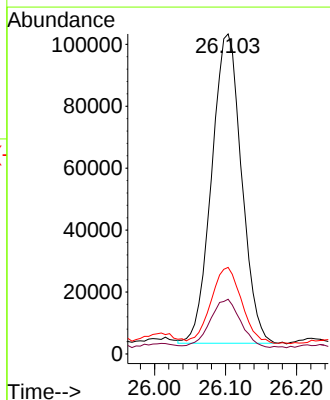
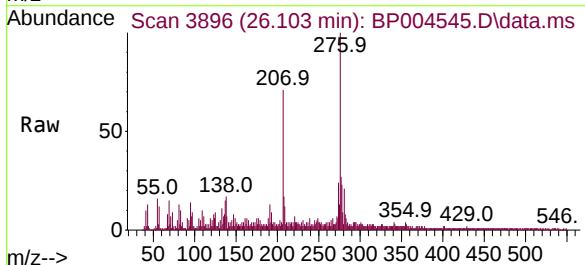
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.8	28.2
265	22.2	17.4	26.2

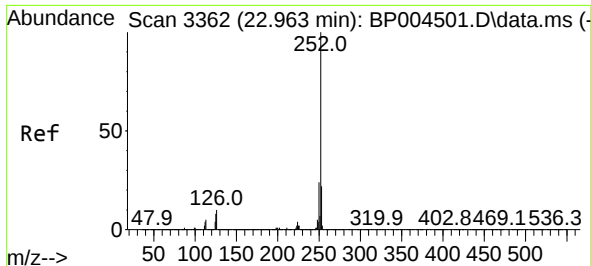


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.34 ng
RT: 26.103 min Scan# 3896
Delta R.T. -0.006 min
Lab File: BP004545.D
Acq: 13 Jan 2021 19:29

Tgt Ion:276 Resp: 292344

Ion	Ratio	Lower	Upper
276	100		
138	15.8	18.7	28.1#
277	25.0	20.4	30.6

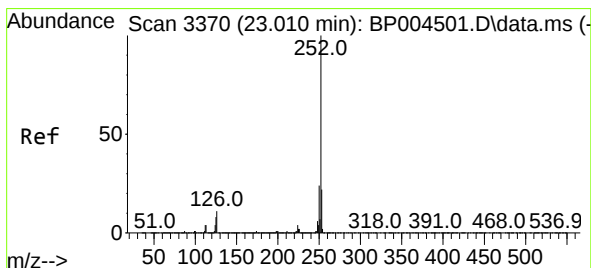
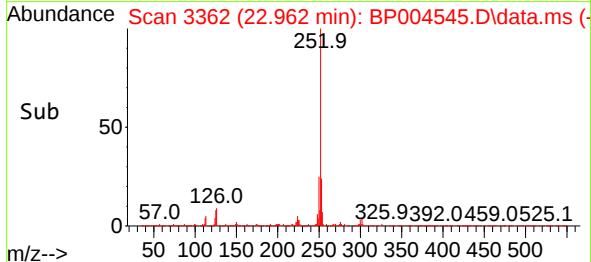
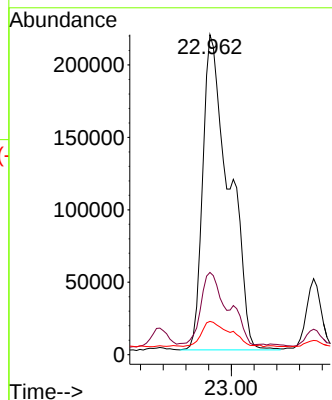
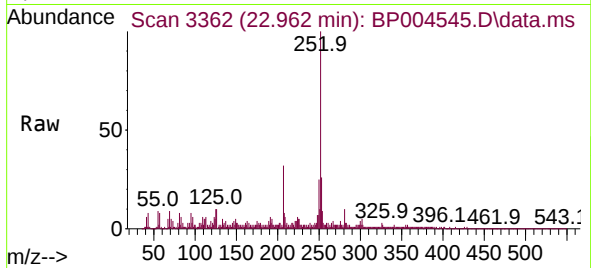




#88
Benzo(b)fluoranthene
Concen: 6.65 ng
RT: 22.962 min Scan# 3362
Delta R.T. -0.000 min
Lab File: BP004545.D
Acq: 13 Jan 2021 19:29

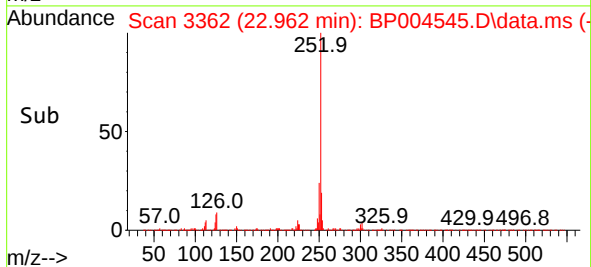
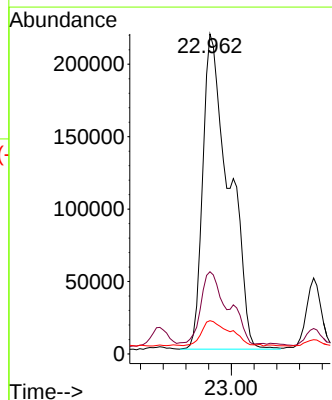
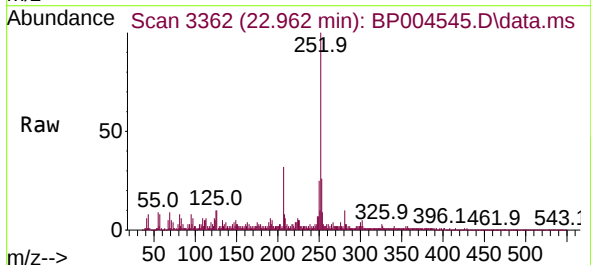
Instrument :
BNA_P
ClientSampleId :
FK-GF-02-065-B

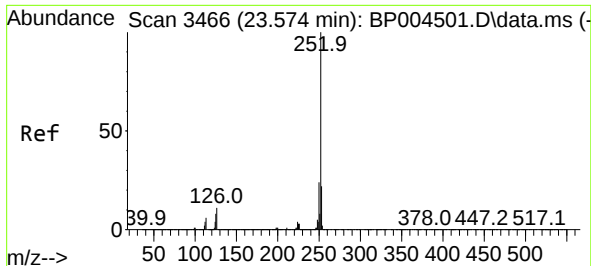
Tgt Ion:252 Resp: 697380
Ion Ratio Lower Upper
252 100
253 25.7 17.6 26.4
125 10.4 7.3 10.9



#89
Benzo(k)fluoranthene
Concen: 6.97 ng
RT: 22.962 min Scan# 3362
Delta R.T. -0.047 min
Lab File: BP004545.D
Acq: 13 Jan 2021 19:29

Tgt Ion:252 Resp: 697380
Ion Ratio Lower Upper
252 100
253 25.7 17.8 26.8
125 10.4 7.4 11.2

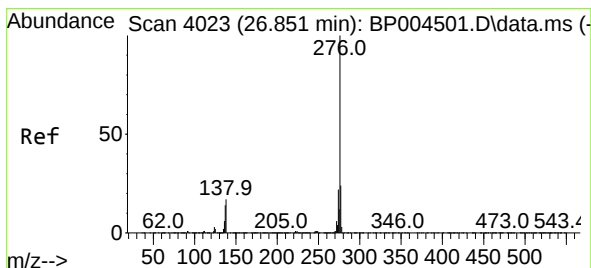
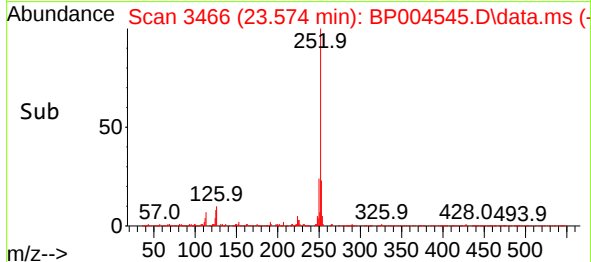
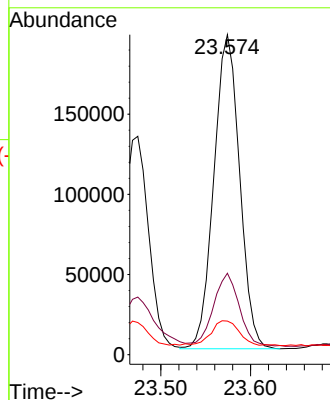
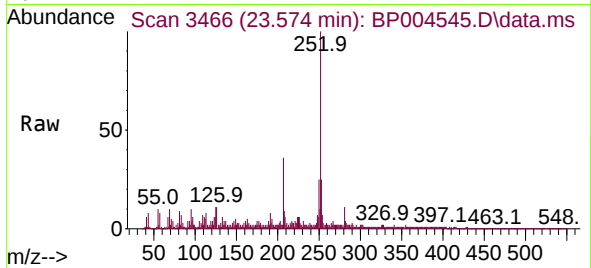




#90
Benzo(a)pyrene
Concen: 3.99 ng
RT: 23.574 min Scan# 3466
Delta R.T. -0.000 min
Lab File: BP004545.D
Acq: 13 Jan 2021 19:29

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-065-B

Tgt Ion:252 Resp: 390239
Ion Ratio Lower Upper
252 100
253 25.5 17.4 26.0
125 10.5 8.2 12.4



#92
Benzo(g,h,i)perylene
Concen: 2.91 ng
RT: 26.850 min Scan# 4023
Delta R.T. -0.000 min
Lab File: BP004545.D
Acq: 13 Jan 2021 19:29

Tgt Ion:276 Resp: 295895
Ion Ratio Lower Upper
276 100
277 25.7 19.0 28.6
138 16.2 16.6 24.8#

