

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011421\
 Data File : BP004562.D
 Acq On : 14 Jan 2021 18:03
 Operator : CG/JU
 Sample : M1069-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jan 14 21:51:41 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)

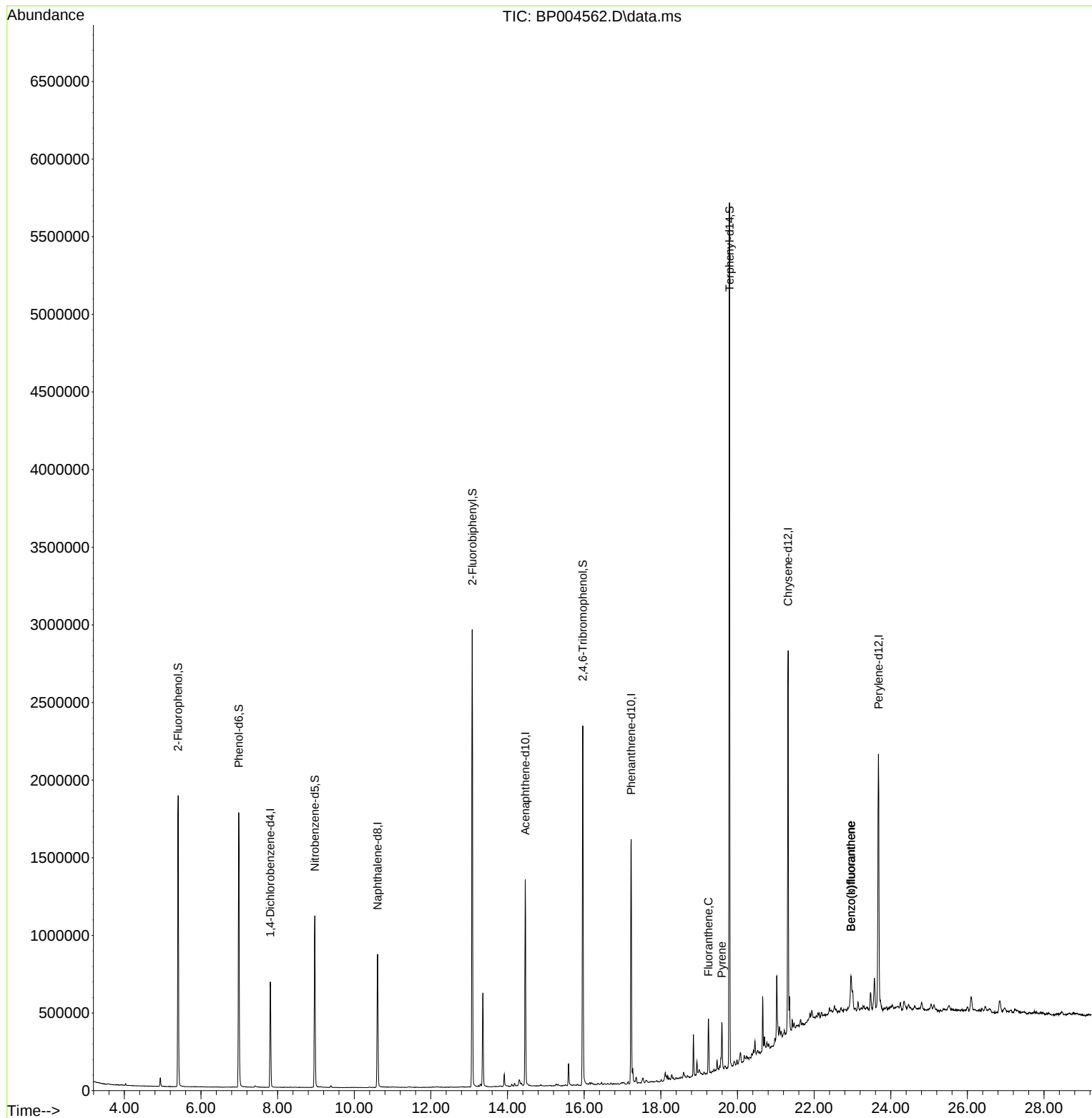
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	212914	20.00	ng	0.00
21) Naphthalene-d8	10.610	136	786512	20.00	ng	# 0.00
39) Acenaphthene-d10	14.463	164	480081	20.00	ng	0.00
64) Phenanthrene-d10	17.228	188	1035835	20.00	ng	0.00
76) Chrysene-d12	21.322	240	1189129	20.00	ng	0.00
86) Perylene-d12	23.680	264	1286197	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	947620	77.57	ng	0.00
7) Phenol-d6	6.987	99	1165412	69.65	ng	0.00
23) Nitrobenzene-d5	8.969	82	670170	48.17	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	544753	65.26	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	1720748	46.59	ng	0.00
79) Terphenyl-d14	19.792	244	2618410	40.23	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.987	77	2287	Below Cal	#	7
32) Benzoic acid	9.899	122	148	Below Cal	#	41
41) Hexachlorocyclopentadiene	12.616	237	22	Below Cal		87
54) 2,4-Dinitrophenol	14.575	184	53	Below Cal	#	1
75) Fluoranthene	19.239	202	199257	2.76	ng	99
78) Pyrene	19.592	202	195159	2.41	ng	98
88) Benzo(b)fluoranthene	22.963	252	195179	2.34	ng	# 93
89) Benzo(k)fluoranthene	22.963	252	195179	2.46	ng	94

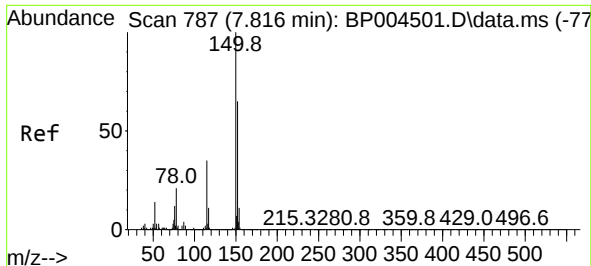
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 14 21:51:41 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

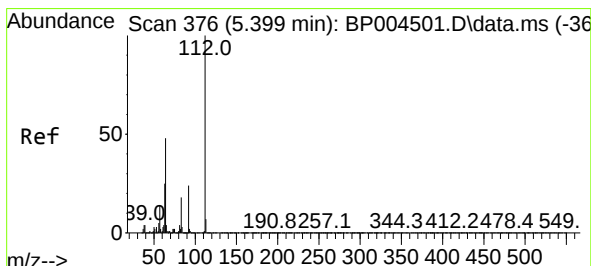
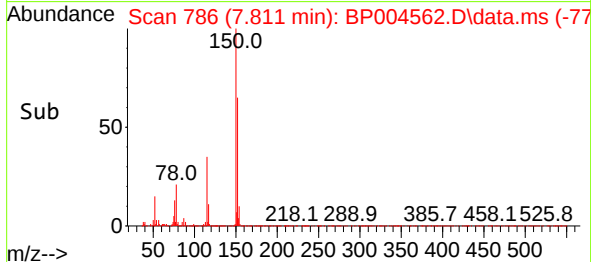
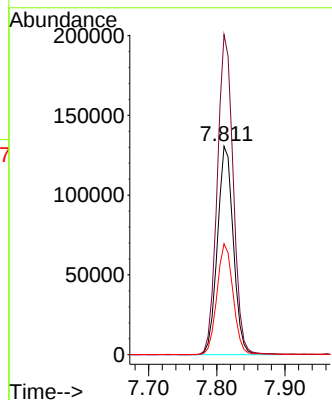
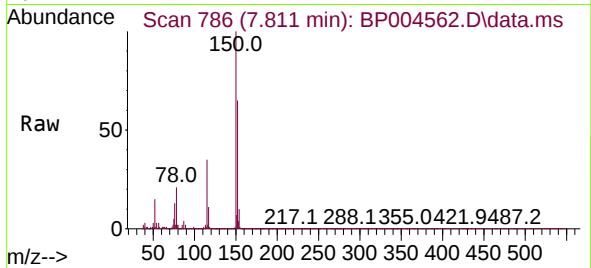




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.811 min Scan# 786
Delta R.T. -0.005 min
Lab File: BP004562.D
Acq: 14 Jan 2021 18:03

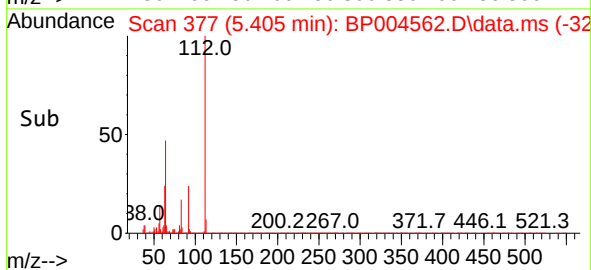
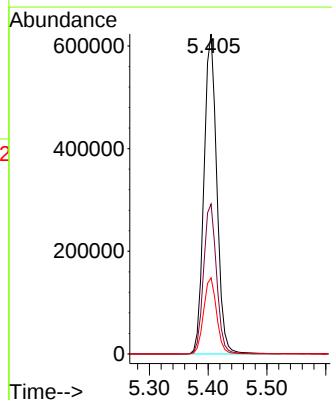
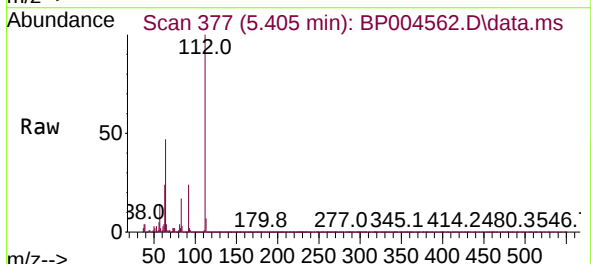
Instrument :
BNA_P
ClientSampleId :
FK-GF-02-065-A

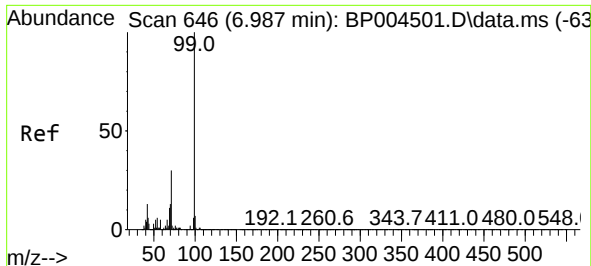
Tgt Ion:152 Resp: 212914
Ion Ratio Lower Upper
152 100
150 153.6 123.8 185.6
115 53.2 43.8 65.6



#5
2-Fluorophenol
Concen: 77.57 ng
RT: 5.405 min Scan# 377
Delta R.T. 0.006 min
Lab File: BP004562.D
Acq: 14 Jan 2021 18:03

Tgt Ion:112 Resp: 947620
Ion Ratio Lower Upper
112 100
64 46.9 32.8 49.2
63 23.8 17.0 25.4



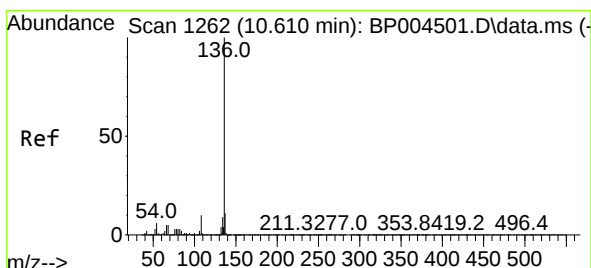
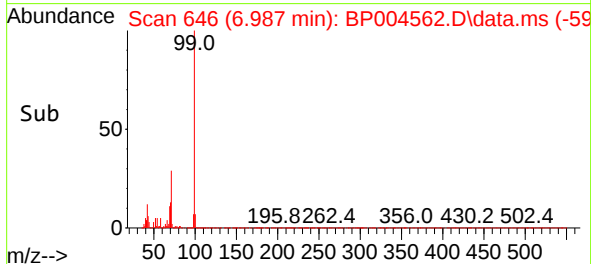
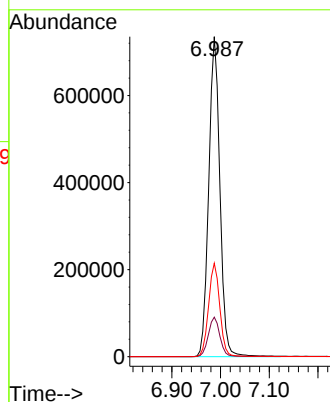
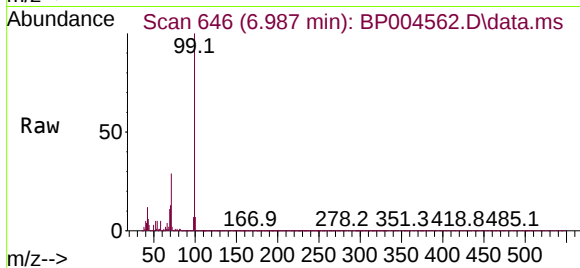


#7
Phenol-d6
Concen: 69.65 ng
RT: 6.987 min Scan# 646
Delta R.T. 0.000 min
Lab File: BP004562.D
Acq: 14 Jan 2021 18:03

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

Tgt Ion: 99 Resp: 1165412

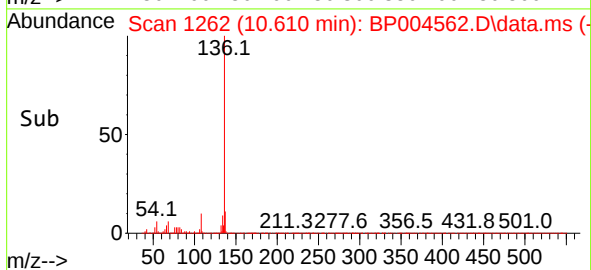
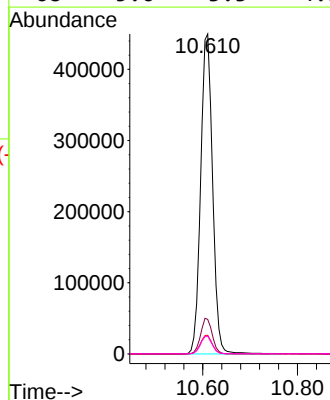
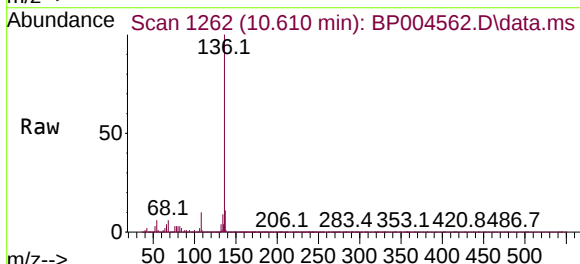
Ion	Ratio	Lower	Upper
99	100		
42	12.3	8.6	13.0
71	29.2	23.4	35.2

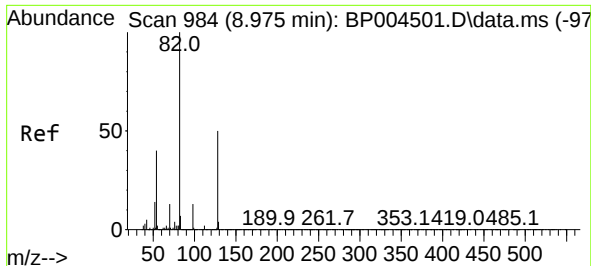


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.610 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BP004562.D
Acq: 14 Jan 2021 18:03

Tgt Ion: 136 Resp: 786512

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	5.8	3.6	5.4#
68	5.6	3.3	4.9#

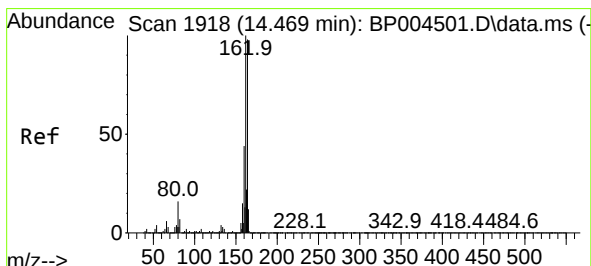
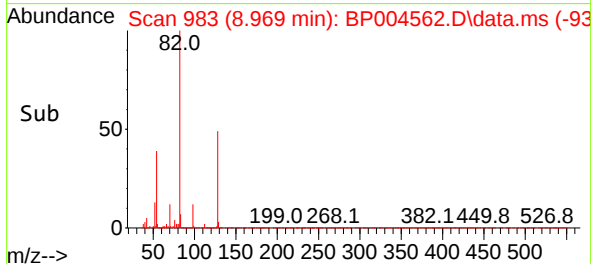
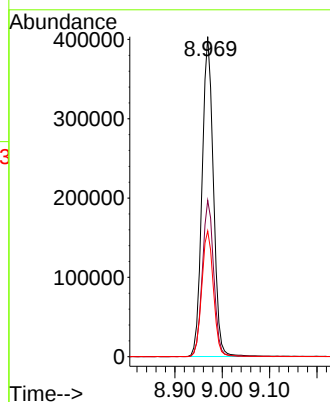
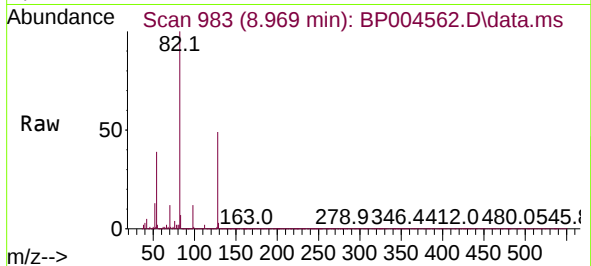




#23
Nitrobenzene-d5
Concen: 48.17 ng
RT: 8.969 min Scan# 983
Delta R.T. -0.006 min
Lab File: BP004562.D
Acq: 14 Jan 2021 18:03

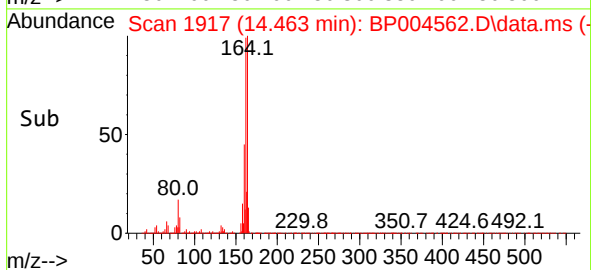
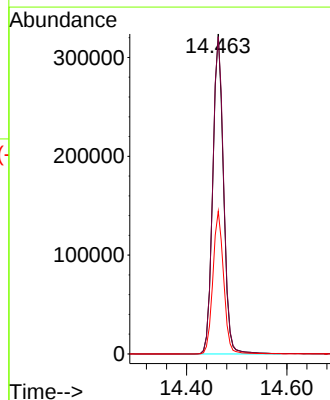
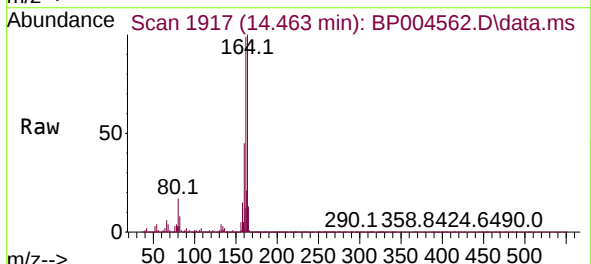
Instrument :
BNA_P
ClientSampleId :
FK-GF-02-065-A

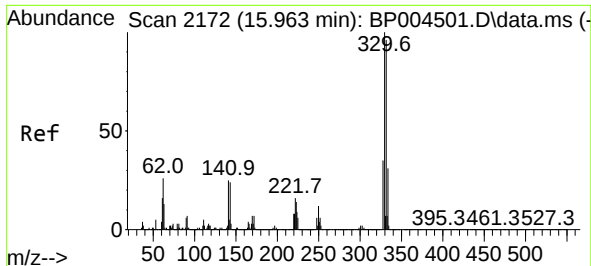
Tgt Ion: 82 Resp: 670170
Ion Ratio Lower Upper
82 100
128 48.8 45.6 68.4
54 39.3 30.1 45.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.463 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP004562.D
Acq: 14 Jan 2021 18:03

Tgt Ion: 164 Resp: 480081
Ion Ratio Lower Upper
164 100
162 99.2 79.4 119.2
160 44.6 36.1 54.1

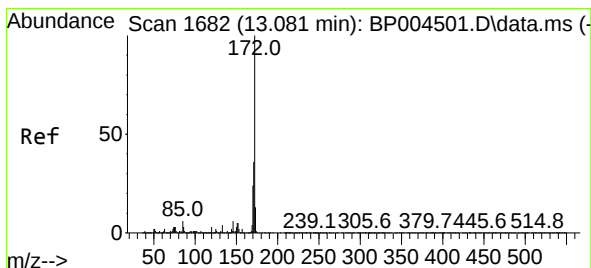
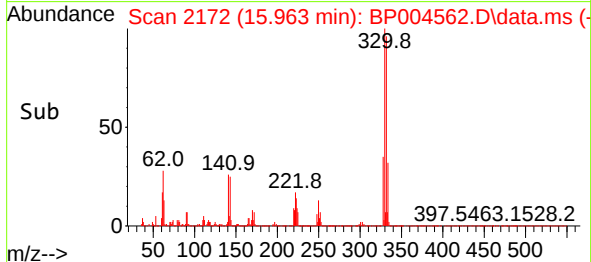
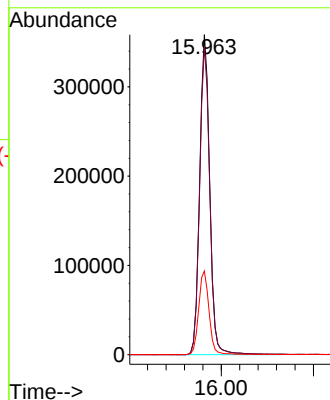
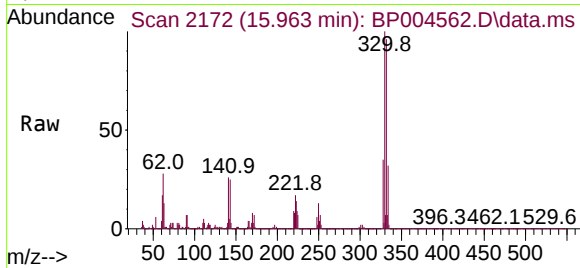




#42
2,4,6-Tribromophenol
Concen: 65.26 ng
RT: 15.963 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BP004562.D
Acq: 14 Jan 2021 18:03

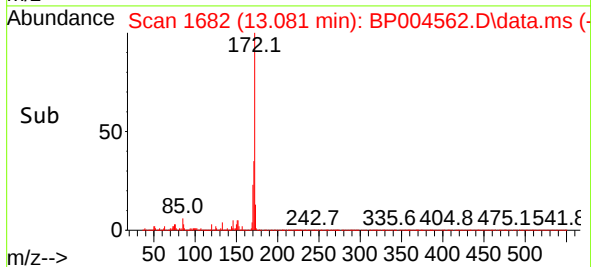
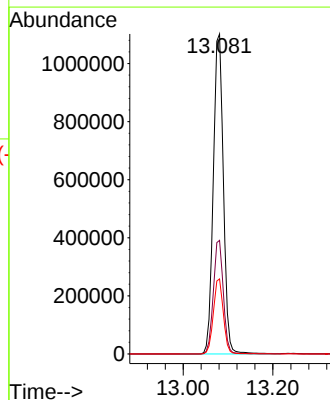
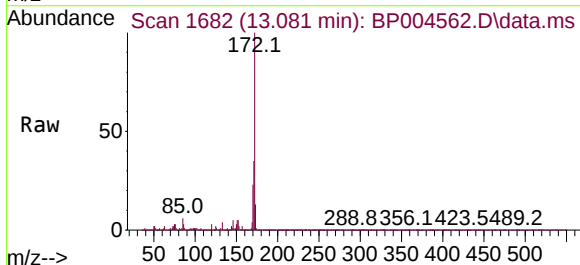
Instrument :
BNA_P
ClientSampleId :
FK-GF-02-065-A

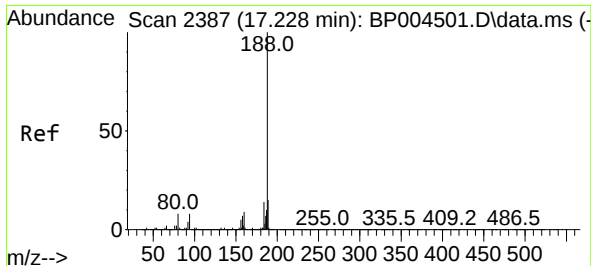
Tgt Ion:330 Resp: 544753
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 26.7 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 46.59 ng
RT: 13.081 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BP004562.D
Acq: 14 Jan 2021 18:03

Tgt Ion:172 Resp: 1720748
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.4 19.2 28.8

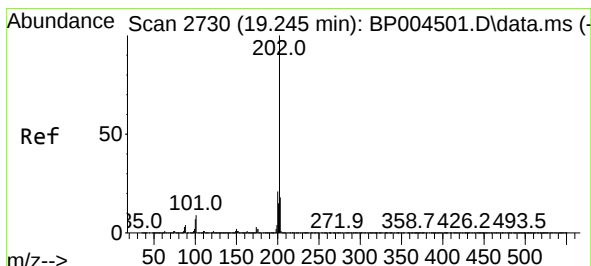
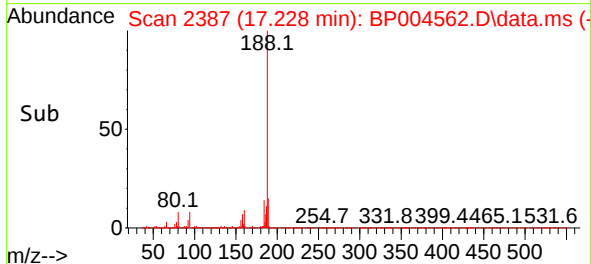
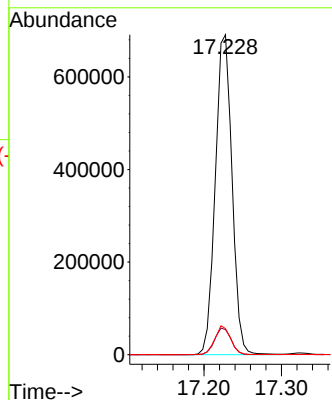
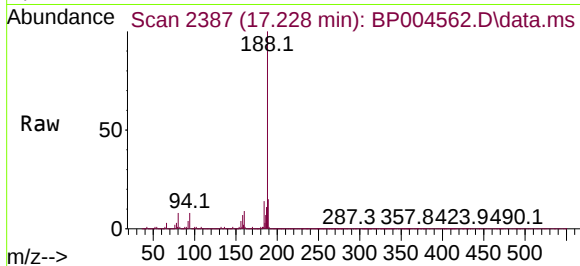




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.228 min Scan# 2387
Delta R.T. -0.000 min
Lab File: BP004562.D
Acq: 14 Jan 2021 18:03

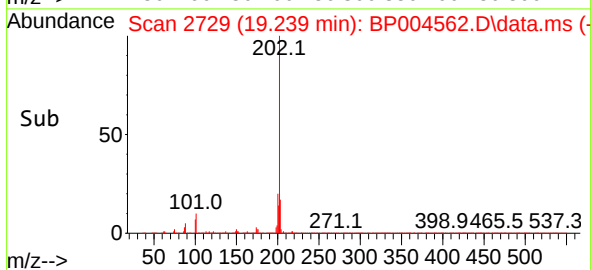
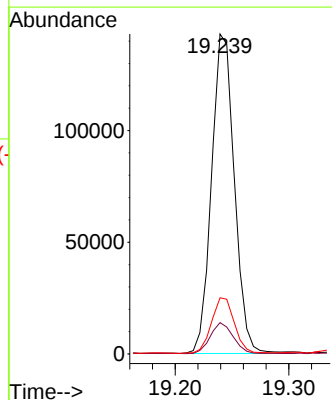
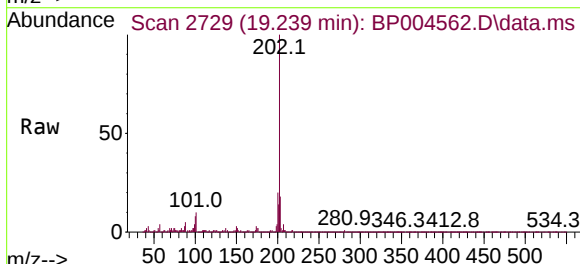
Instrument :
BNA_P
ClientSampleId :
FK-GF-02-065-A

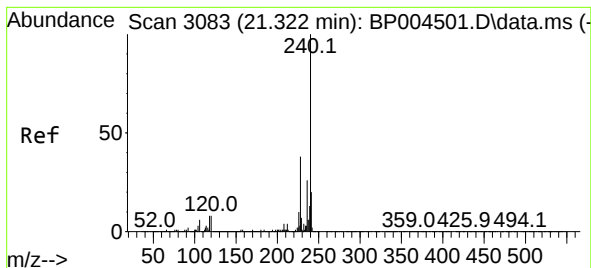
Tgt Ion:188 Resp: 1035835
Ion Ratio Lower Upper
188 100
94 7.8 6.2 9.2
80 8.1 6.2 9.2



#75
Fluoranthene
Concen: 2.76 ng
RT: 19.239 min Scan# 2729
Delta R.T. -0.006 min
Lab File: BP004562.D
Acq: 14 Jan 2021 18:03

Tgt Ion:202 Resp: 199257
Ion Ratio Lower Upper
202 100
101 9.8 0.0 29.4
203 17.5 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: BP004562.D

Acq: 14 Jan 2021 18:03

Instrument :

BNA_P

ClientSampleId :

FK-GF-02-065-A

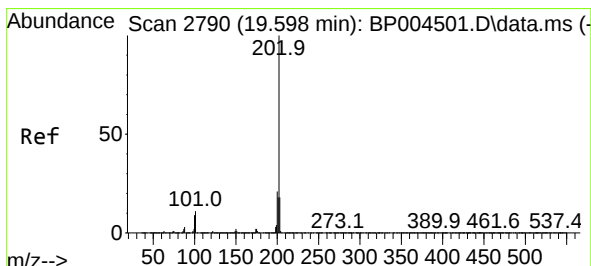
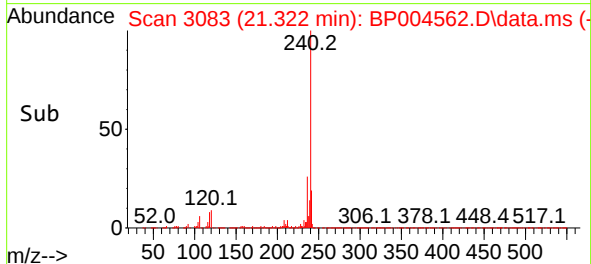
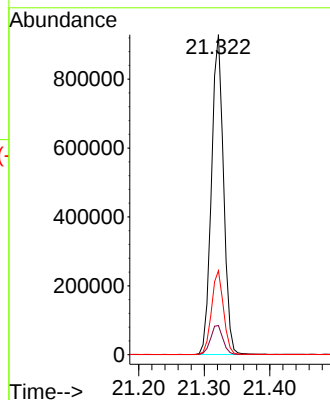
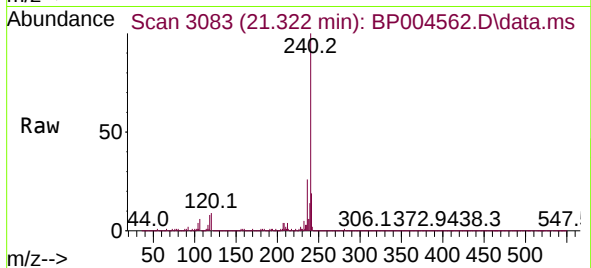
Tgt Ion:240 Resp: 1189129

Ion Ratio Lower Upper

240 100

120 9.1 7.8 11.6

236 26.3 20.8 31.2



#78

Pyrene

Concen: 2.41 ng

RT: 19.592 min Scan# 2789

Delta R.T. -0.006 min

Lab File: BP004562.D

Acq: 14 Jan 2021 18:03

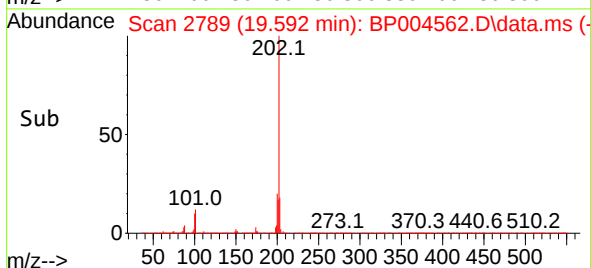
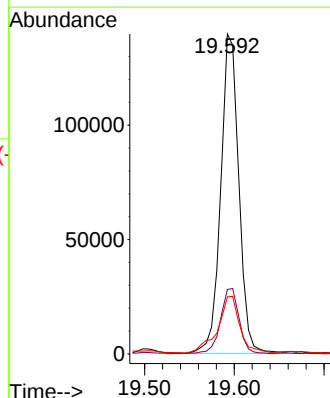
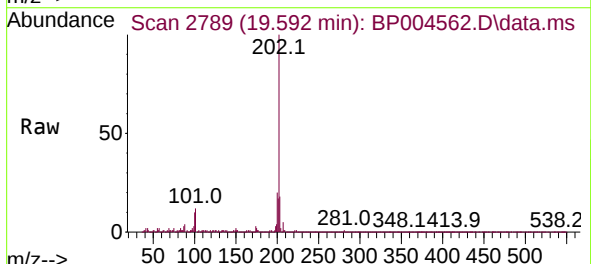
Tgt Ion:202 Resp: 195159

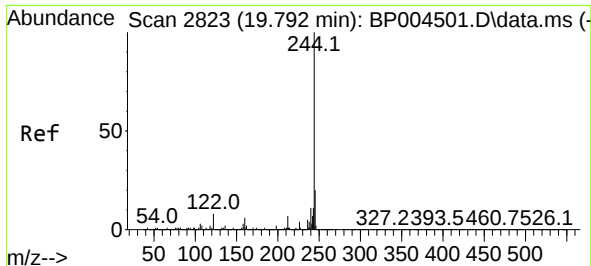
Ion Ratio Lower Upper

202 100

200 20.2 17.1 25.7

203 17.9 14.2 21.2

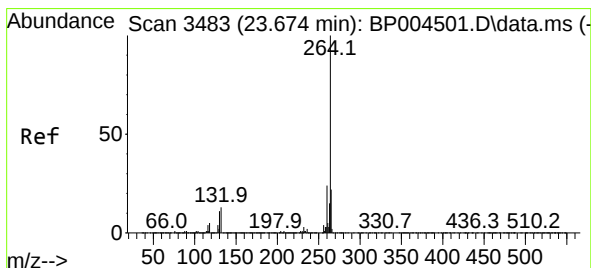
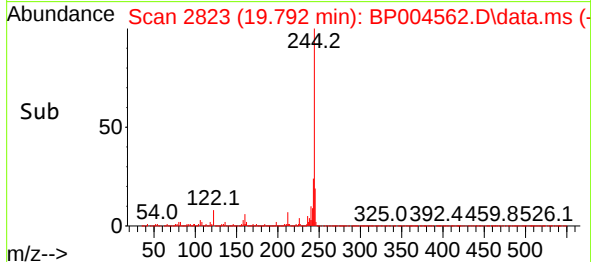
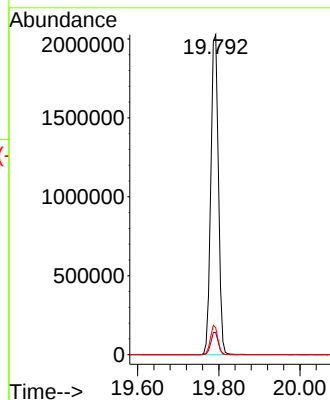
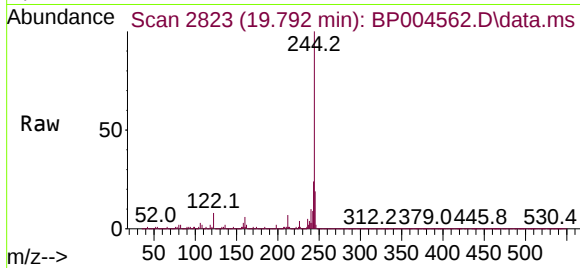




#79
 Terphenyl-d14
 Concen: 40.23 ng
 RT: 19.792 min Scan# 2823
 Delta R.T. 0.000 min
 Lab File: BP004562.D
 Acq: 14 Jan 2021 18:03

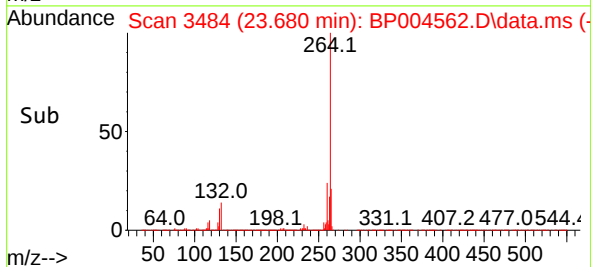
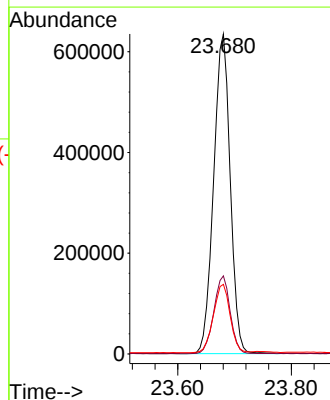
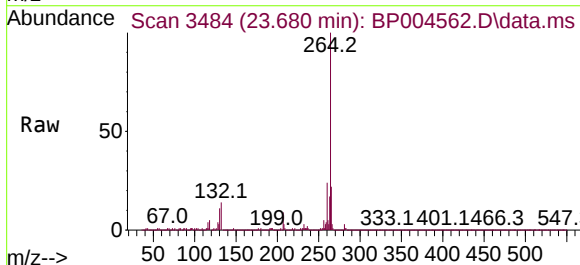
Instrument :
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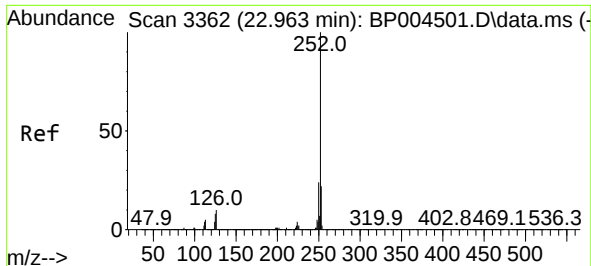
Tgt Ion:244 Resp: 2618410
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 8.4 7.8 11.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.680 min Scan# 3484
 Delta R.T. 0.006 min
 Lab File: BP004562.D
 Acq: 14 Jan 2021 18:03

Tgt Ion:264 Resp: 1286197
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.8 28.2
 265 21.7 17.4 26.2

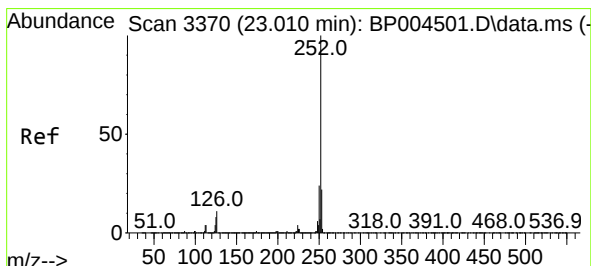
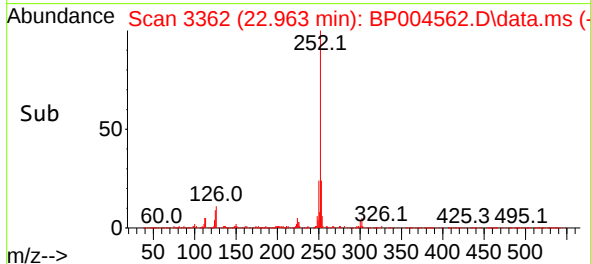
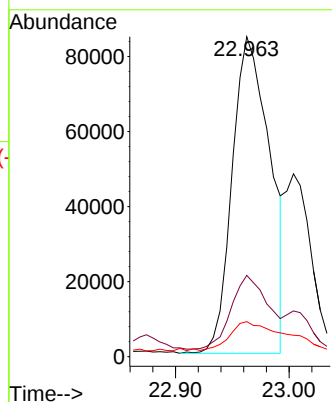
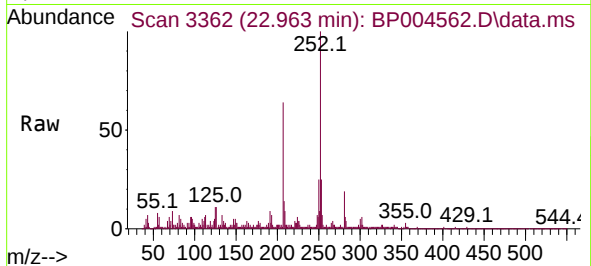




#88
Benzo(b)fluoranthene
Concen: 2.34 ng
RT: 22.963 min Scan# 3362
Delta R.T. 0.000 min
Lab File: BP004562.D
Acq: 14 Jan 2021 18:03

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

Tgt Ion:252 Resp: 195179
Ion Ratio Lower Upper
252 100
253 25.4 17.6 26.4
125 10.9 7.3 10.9#



#89
Benzo(k)fluoranthene
Concen: 2.46 ng
RT: 22.963 min Scan# 3362
Delta R.T. -0.047 min
Lab File: BP004562.D
Acq: 14 Jan 2021 18:03

Tgt Ion:252 Resp: 195179
Ion Ratio Lower Upper
252 100
253 25.4 17.8 26.8
125 10.9 7.4 11.2

