

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)

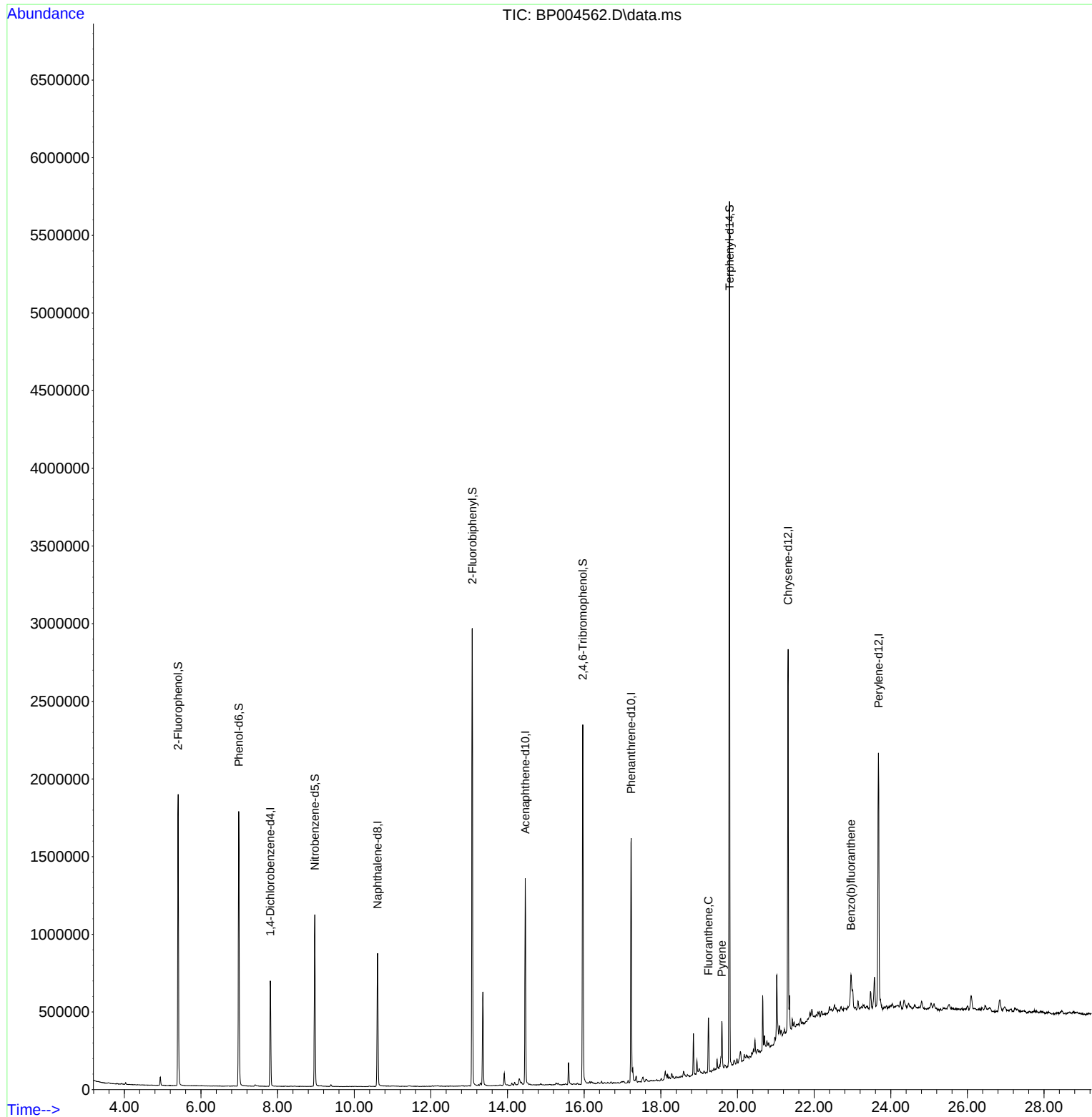
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	212914	20.00	ng	0.00
21) Naphthalene-d8	10.610	136	786512	20.00	ng	# 0.00
39) Acenaphthene-d10	14.463	164	480081	20.00	ng	0.00
64) Phenanthrene-d10	17.228	188	1035835	20.00	ng	0.00
76) Chrysene-d12	21.322	240	1189129	20.00	ng	0.00
86) Perylene-d12	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						
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

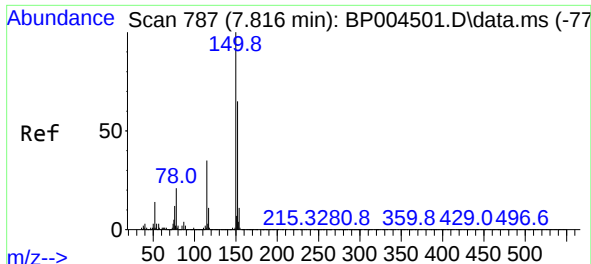
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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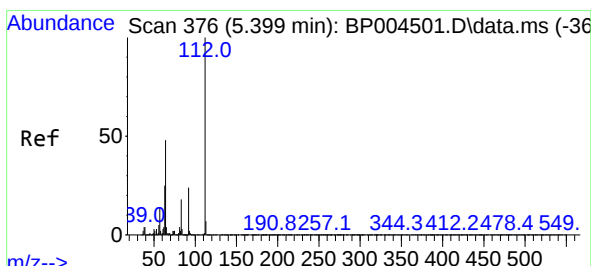
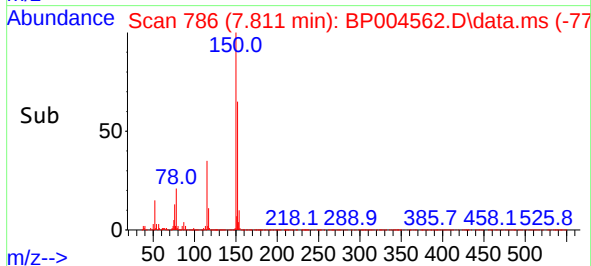
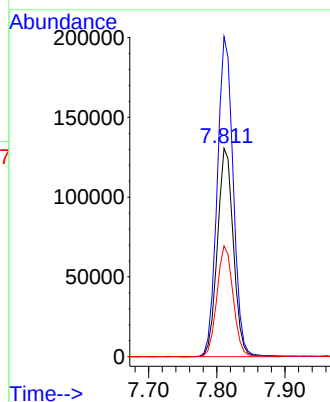
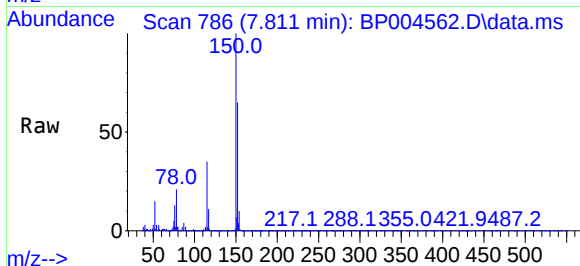




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.811 min Scan# 786
Delta R.T. -0.005 min
Lab File: BP004562.D
Acq: 14 Jan 2021 18:03

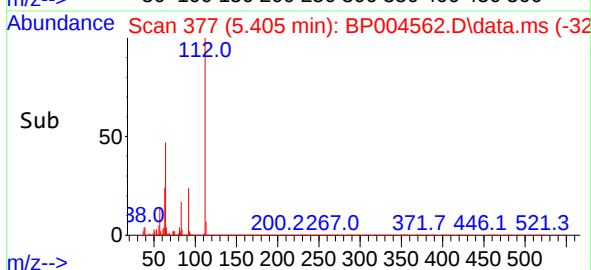
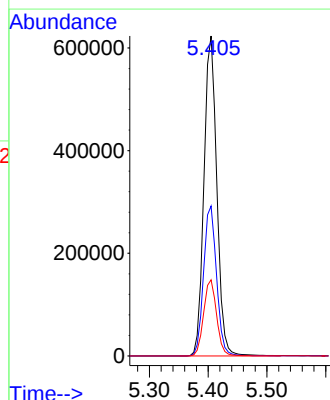
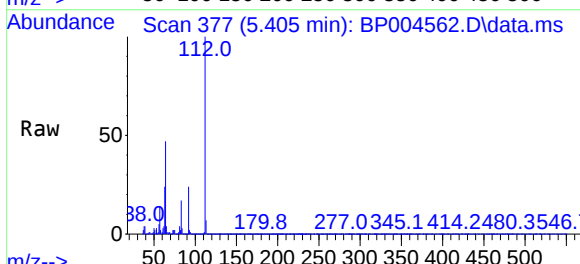
Instrument :
BNA_P
ClientSampleId :
FK-GF-02-065-A

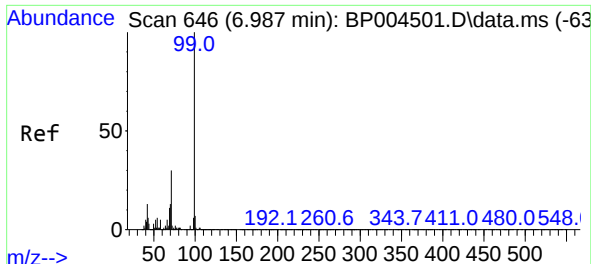
Tgt Ion:152 Resp: 212914
Ion Ratio Lower Upper
152 100
150 153.6 123.8 185.6
115 53.2 43.8 65.6



#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



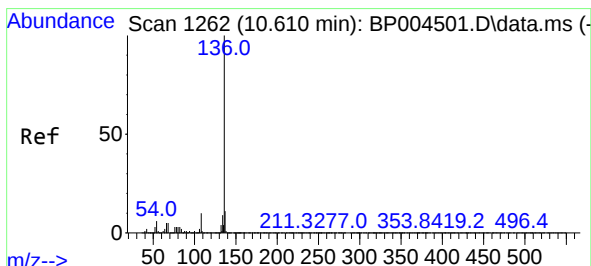
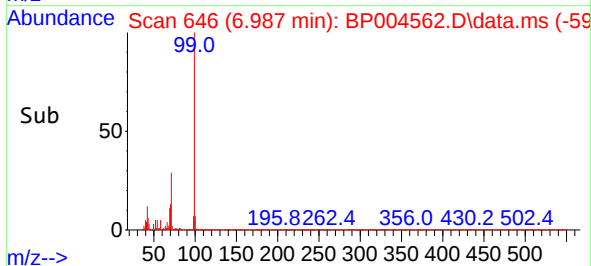
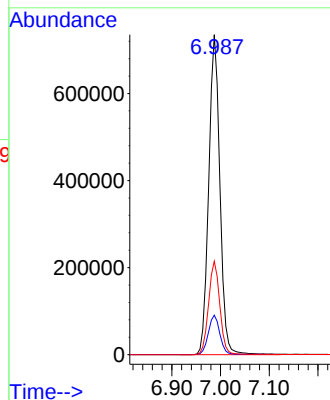
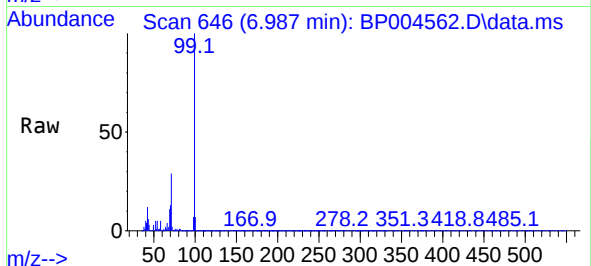


#7
Phenol-d6
Concen: 69.65 ng
RT: 6.987 min Scan# 646
Delta R.T. 0.000 min
Lab File: BP004562.D
Acq: 14 Jan 2021 18:03

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

Tgt Ion: 99 Resp: 1165412

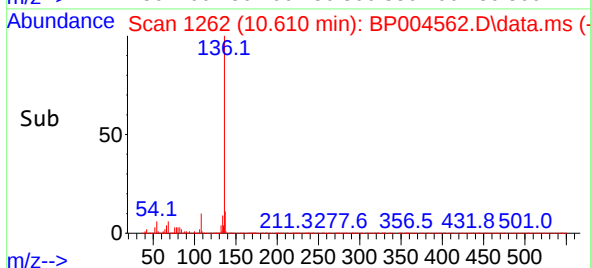
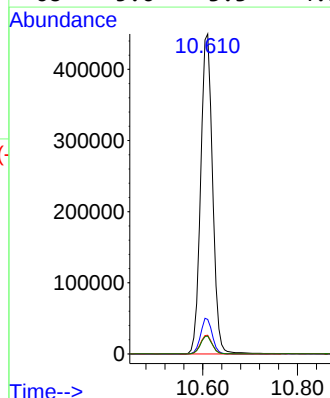
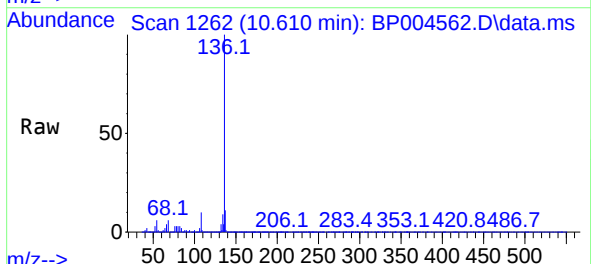
Ion	Ratio	Lower	Upper
99	100		
42	12.3	8.6	13.0
71	29.2	23.4	35.2

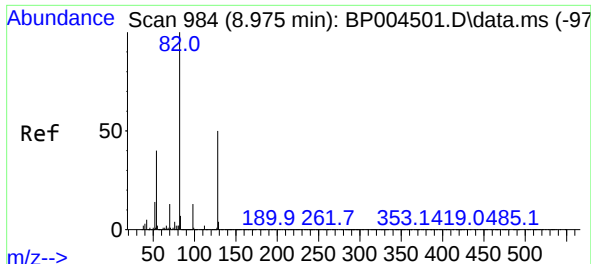


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.610 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BP004562.D
Acq: 14 Jan 2021 18:03

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#

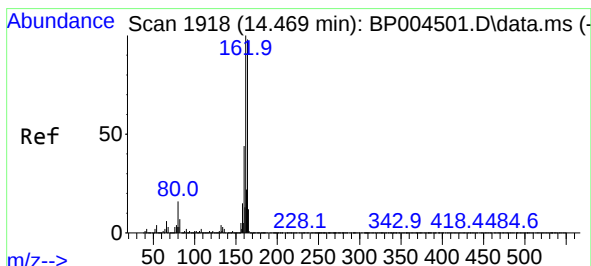
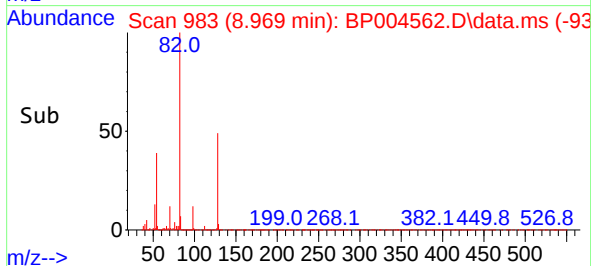
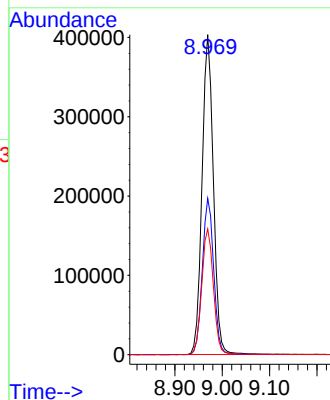
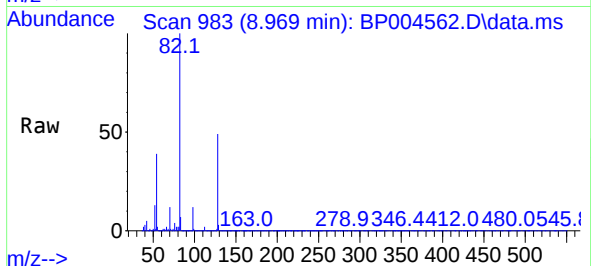




#23
Nitrobenzene-d5
Concen: 48.17 ng
RT: 8.969 min Scan# 983
Delta R.T. -0.006 min
Lab File: BP004562.D
Acq: 14 Jan 2021 18:03

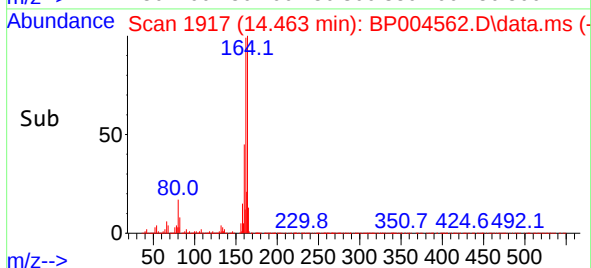
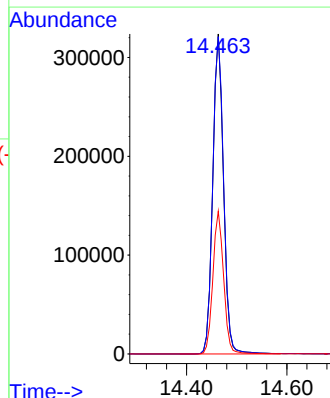
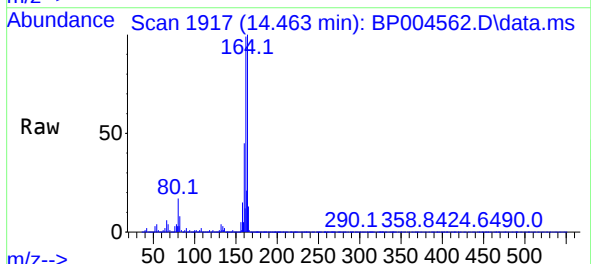
Instrument :
BNA_P
ClientSampleId :
FK-GF-02-065-A

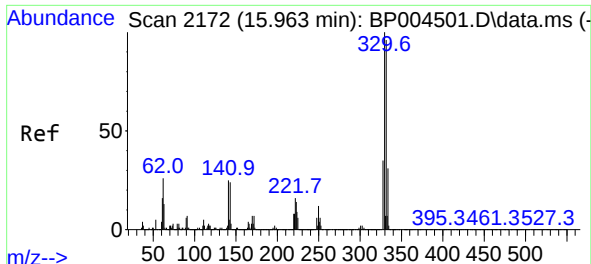
Tgt Ion: 82 Resp: 670170
Ion Ratio Lower Upper
82 100
128 48.8 45.6 68.4
54 39.3 30.1 45.1



#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

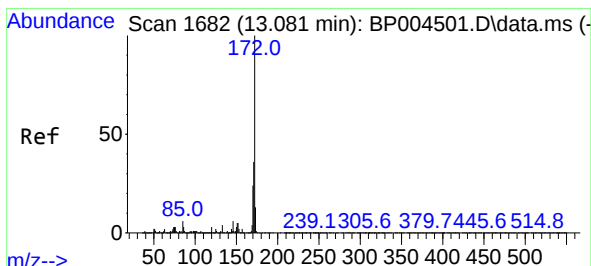
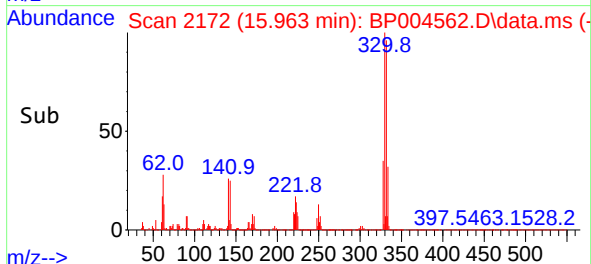
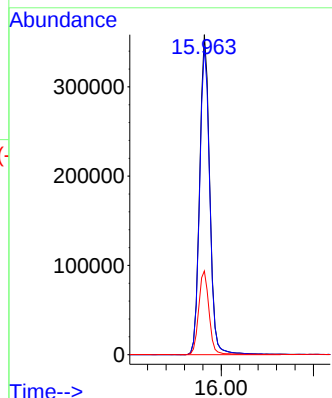
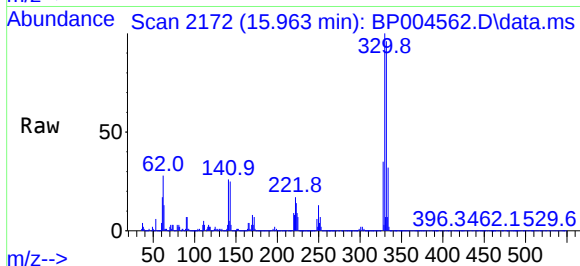




#42
2,4,6-Tribromophenol
Concen: 65.26 ng
RT: 15.963 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BP004562.D
Acq: 14 Jan 2021 18:03

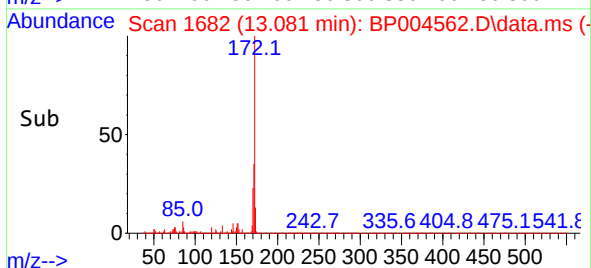
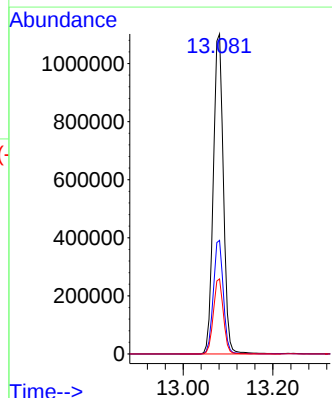
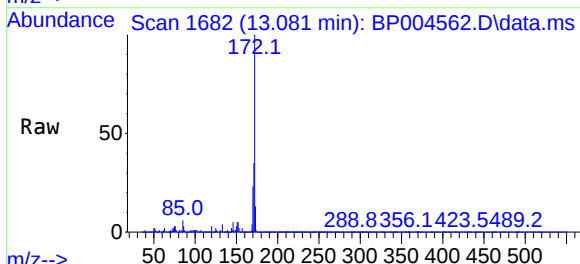
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ClientSampleId :
FK-GF-02-065-A

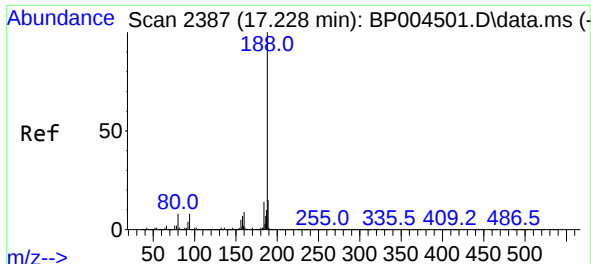
Tgt Ion:330 Resp: 544753
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 26.7 23.4 35.2



#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

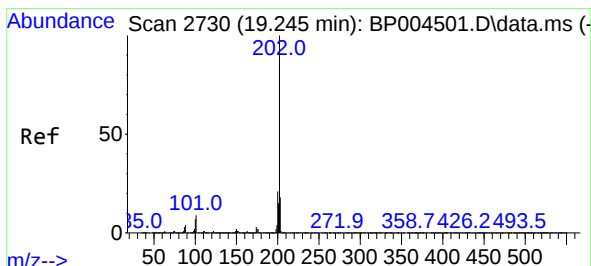
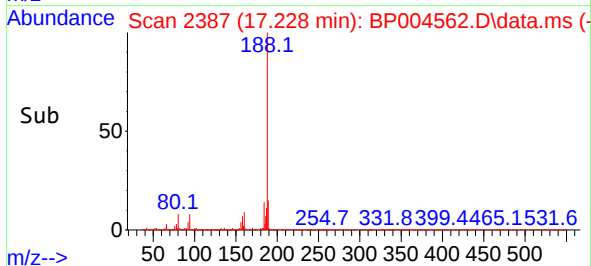
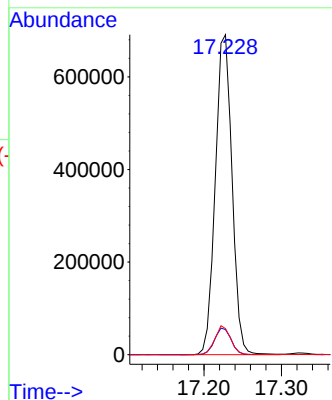
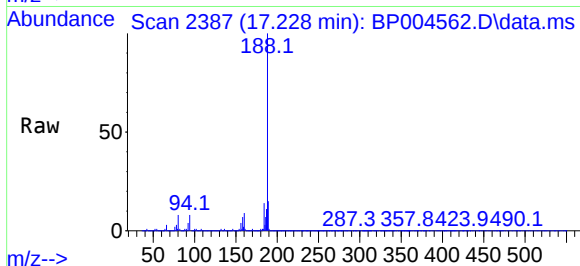




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.228 min Scan# 2387
Delta R.T. -0.000 min
Lab File: BP004562.D
Acq: 14 Jan 2021 18:03

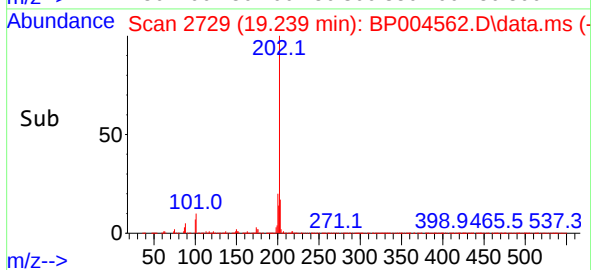
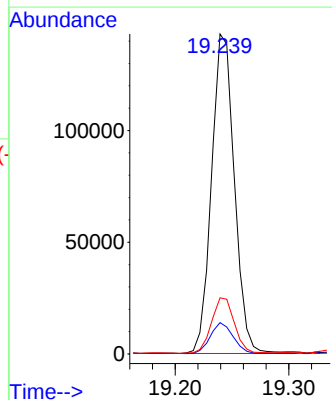
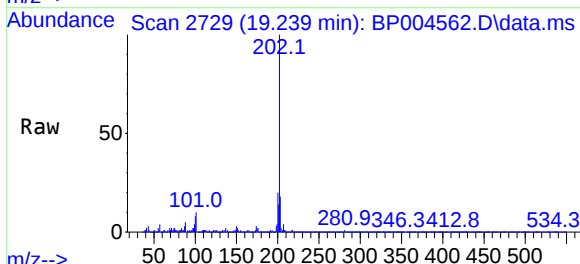
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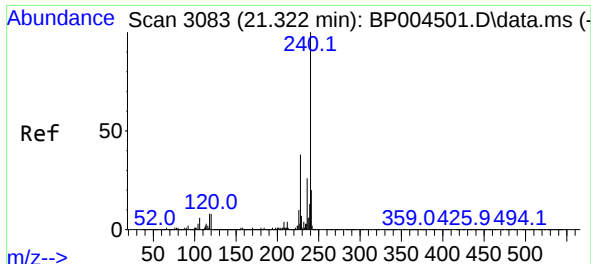
Tgt Ion:188 Resp: 1035835
Ion Ratio Lower Upper
188 100
94 7.8 6.2 9.2
80 8.1 6.2 9.2



#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

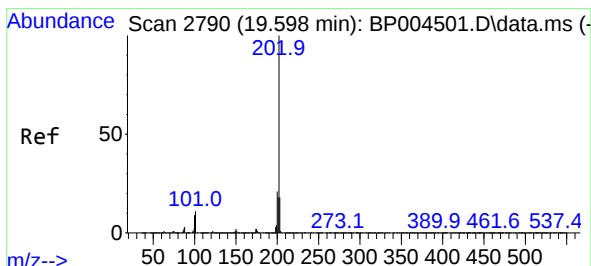
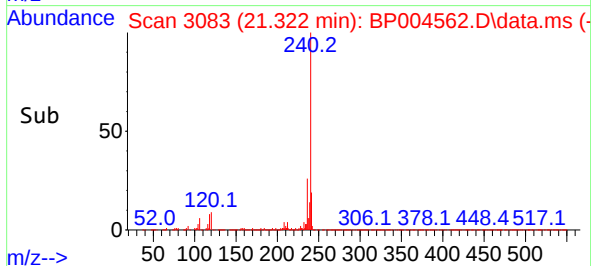
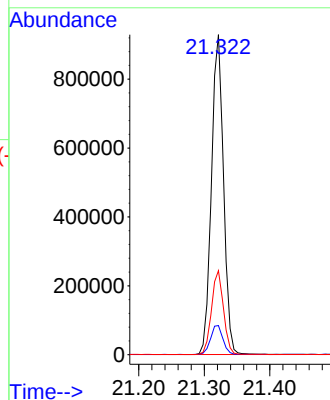
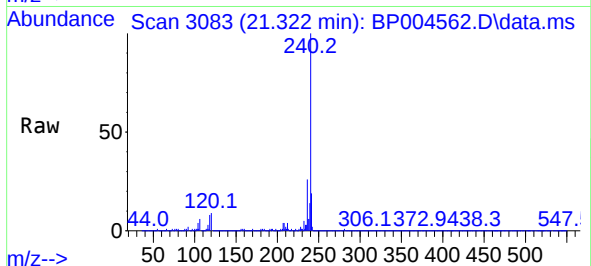




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.322 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BP004562.D
Acq: 14 Jan 2021 18:03

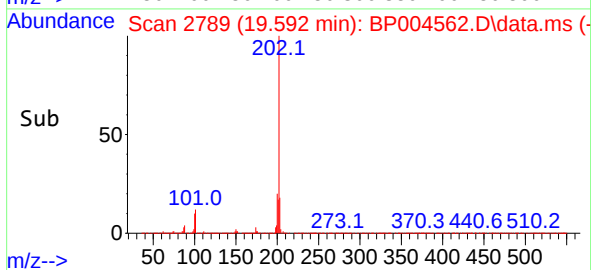
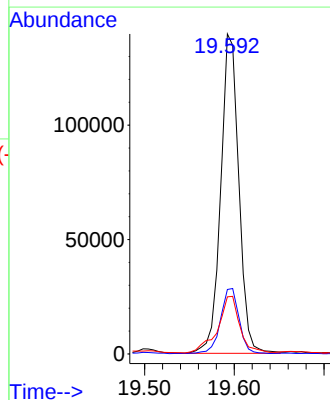
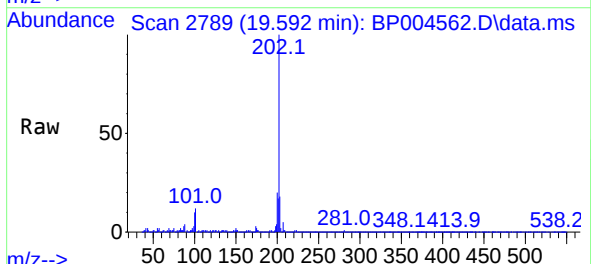
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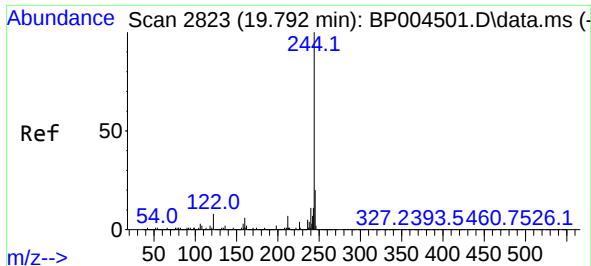
Tgt Ion:240 Resp: 1189129
Ion Ratio Lower Upper
240 100
120 9.1 7.8 11.6
236 26.3 20.8 31.2



#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

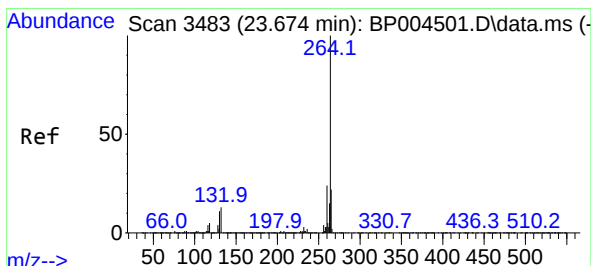
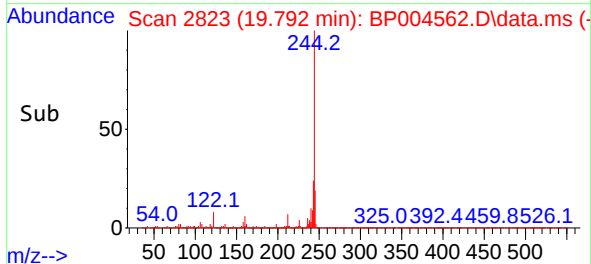
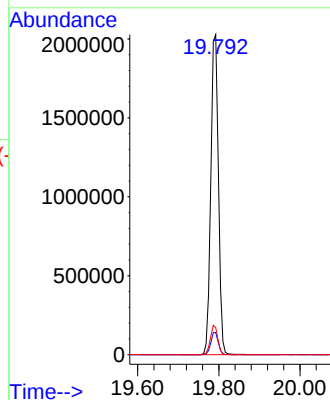
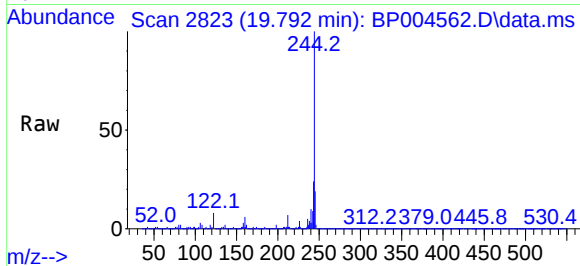




#79
Terphenyl-d14
Concen: 40.23 ng
RT: 19.792 min Scan# 2823
Delta R.T. 0.000 min
Lab File: BP004562.D
Acq: 14 Jan 2021 18:03

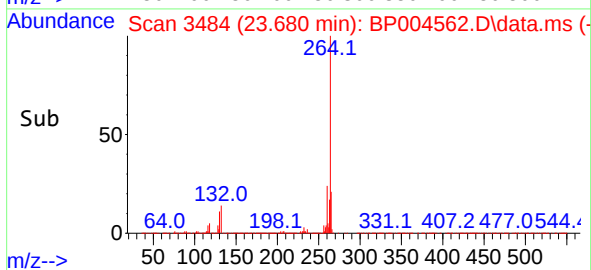
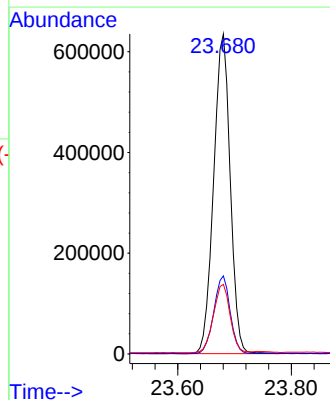
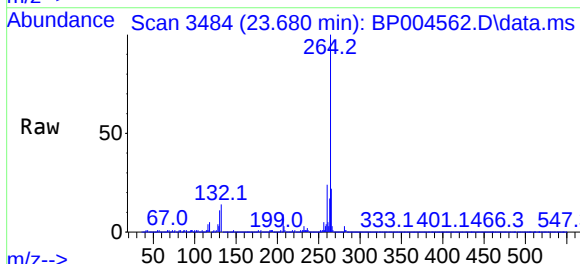
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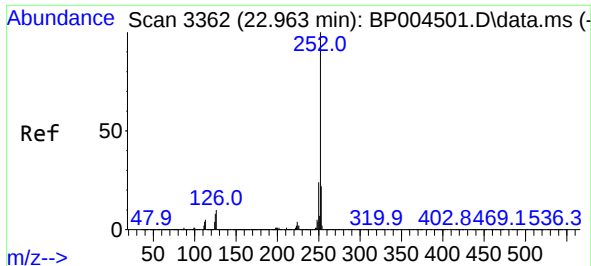
Tgt Ion:244 Resp: 2618410
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 8.4 7.8 11.8



#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

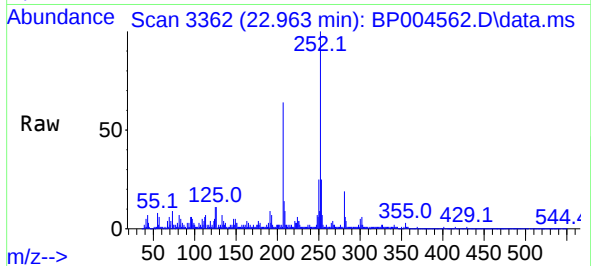
Tgt Ion:264 Resp: 1286197
Ion Ratio Lower Upper
264 100
260 24.4 18.8 28.2
265 21.7 17.4 26.2





#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#

