

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011321\
 Data File : BP004541.D
 Acq On : 13 Jan 2021 17:13
 Operator : CG/JU
 Sample : M1068-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FK-GF-02-066-B

Quant Time: Jan 13 17:45:09 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)

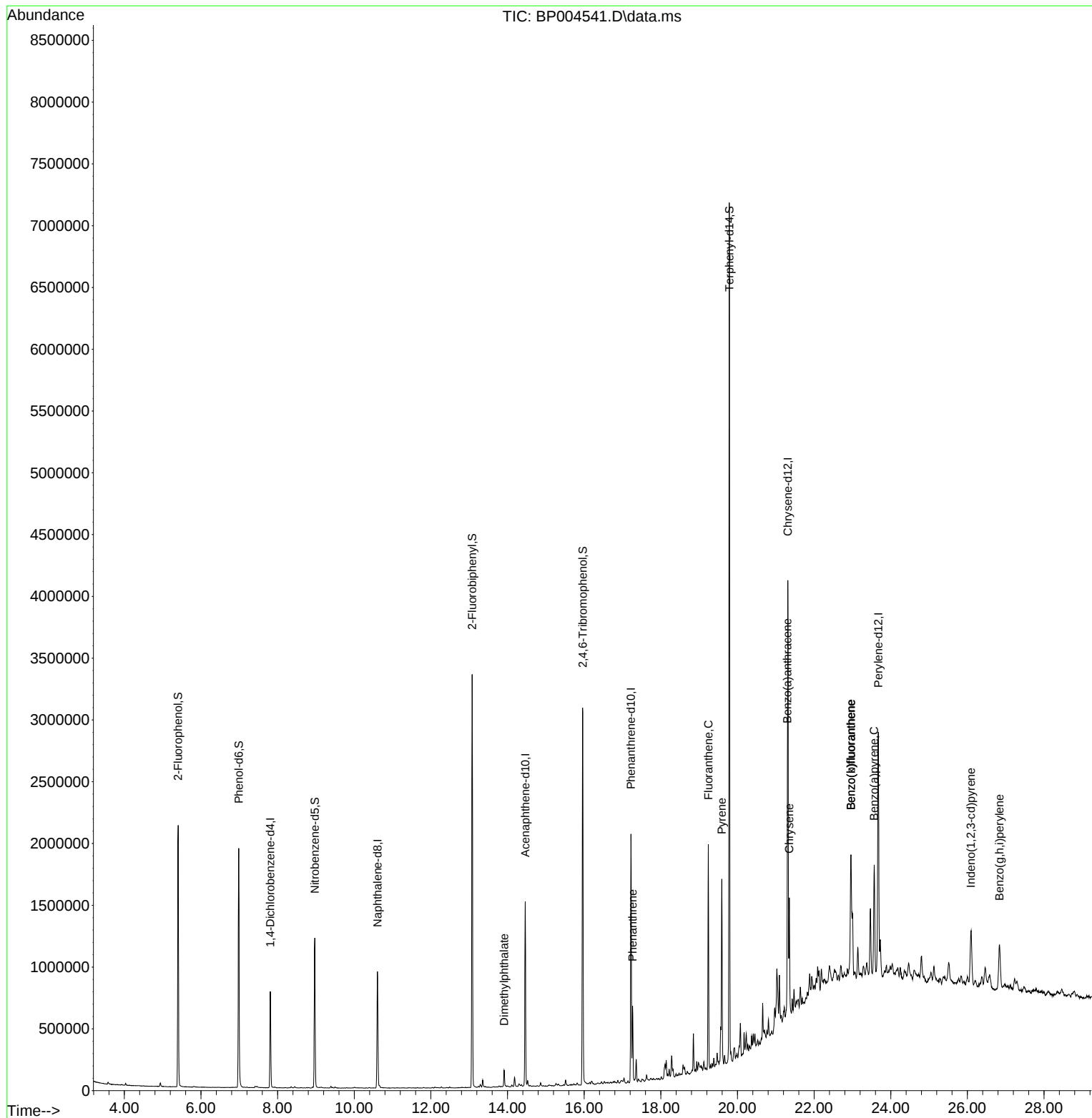
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	235685	20.00	ng	0.00
21) Naphthalene-d8	10.605	136	860045	20.00	ng	# 0.00
39) Acenaphthene-d10	14.463	164	541683	20.00	ng	0.00
64) Phenanthrene-d10	17.222	188	1267918	20.00	ng	0.00
76) Chrysene-d12	21.316	240	1486658	20.00	ng	0.00
86) Perylene-d12	23.674	264	1625952	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	1069892	79.12	ng	0.00
7) Phenol-d6	6.987	99	1290427	69.68	ng	0.00
23) Nitrobenzene-d5	8.969	82	736626	48.42	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	771255	81.89	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	1915461	45.97	ng	0.00
79) Terphenyl-d14	19.786	244	3176145	39.03	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.987	77	2645	Below Cal	#	11
32) Benzoic acid	9.946	122	266	Below Cal		89
41) Hexachlorocyclopentadiene	12.652	237	20	Below Cal		85
50) Dimethylphthalate	13.910	163	98173	2.19	ng	# 99
54) 2,4-Dinitrophenol	14.587	184	72	Below Cal	#	1
71) Phenanthrene	17.263	178	396421	5.45	ng	99
75) Fluoranthene	19.239	202	1048130	11.85	ng	99
78) Pyrene	19.592	202	962915	9.52	ng	99
81) Benzo(a)anthracene	21.304	228	653237	6.46	ng	98
83) Chrysene	21.351	228	558508	5.80	ng	98
87) Indeno(1,2,3-cd)pyrene	26.092	276	492987	3.93	ng	# 93
88) Benzo(b)fluoranthene	22.963	252	949458	9.02	ng	97
89) Benzo(k)fluoranthene	22.963	252	949458	9.46	ng	97
90) Benzo(a)pyrene	23.569	252	685735	6.99	ng	96
92) Benzo(g,h,i)perylene	26.839	276	495938	4.86	ng	# 94

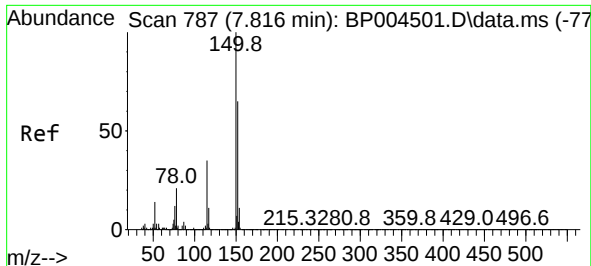
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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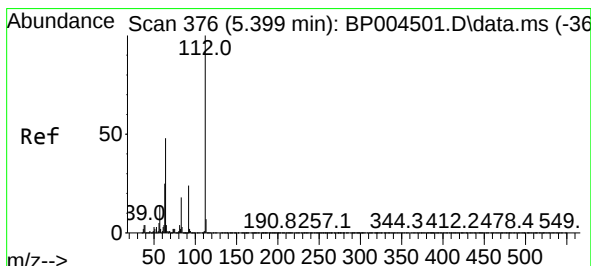
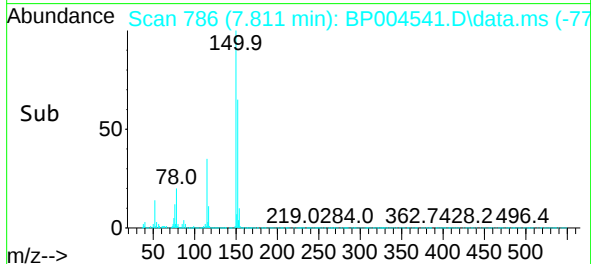
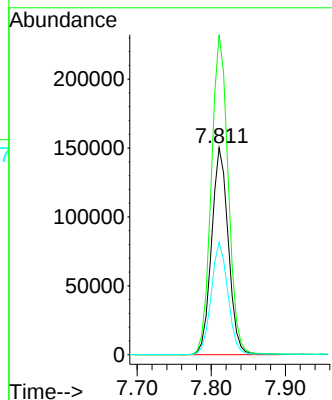
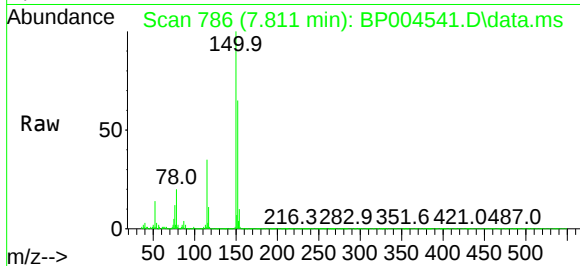




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.811 min Scan# 786
Delta R.T. -0.005 min
Lab File: BP004541.D
Acq: 13 Jan 2021 17:13

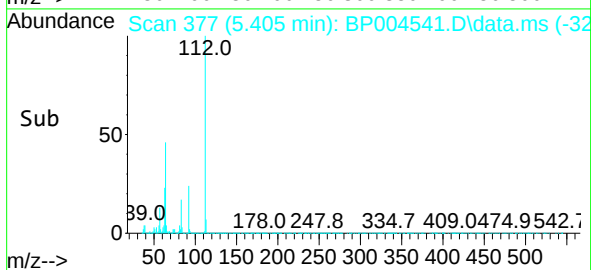
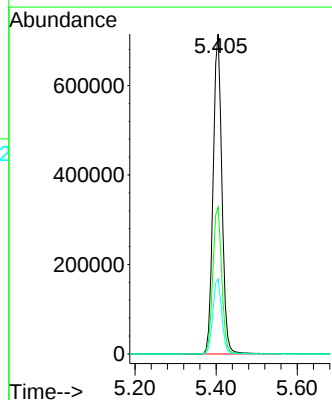
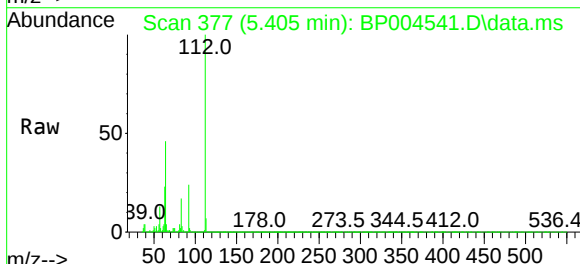
Instrument :
BNA_P
ClientSampleId :
FK-GF-02-066-B

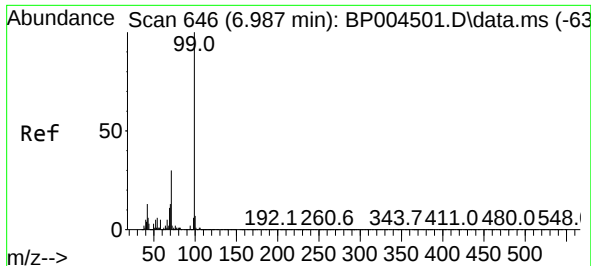
Tgt Ion:152 Resp: 235685
Ion Ratio Lower Upper
152 100
150 154.6 123.8 185.6
115 54.4 43.8 65.6



#5
2-Fluorophenol
Concen: 79.12 ng
RT: 5.405 min Scan# 377
Delta R.T. 0.006 min
Lab File: BP004541.D
Acq: 13 Jan 2021 17:13

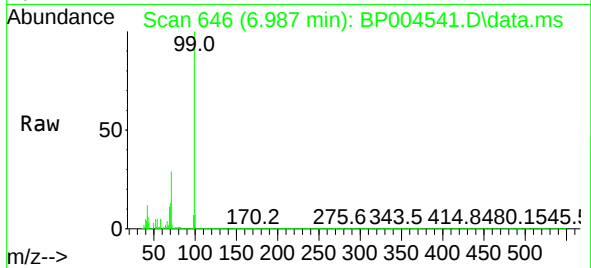
Tgt Ion:112 Resp: 1069892
Ion Ratio Lower Upper
112 100
64 45.8 32.8 49.2
63 23.5 17.0 25.4





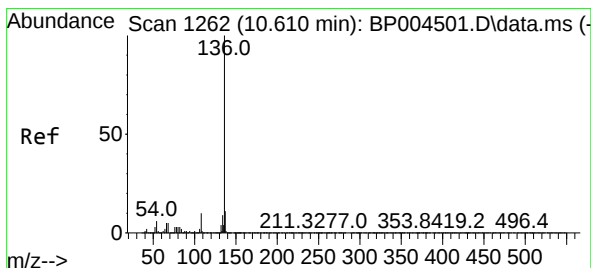
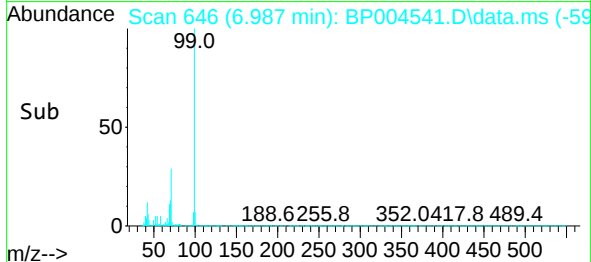
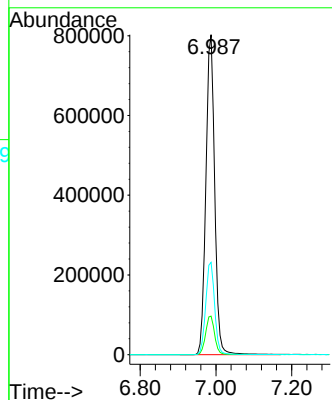
#7
Phenol-d6
Concen: 69.68 ng
RT: 6.987 min Scan# 646
Delta R.T. 0.000 min
Lab File: BP004541.D
Acq: 13 Jan 2021 17:13

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-066-B

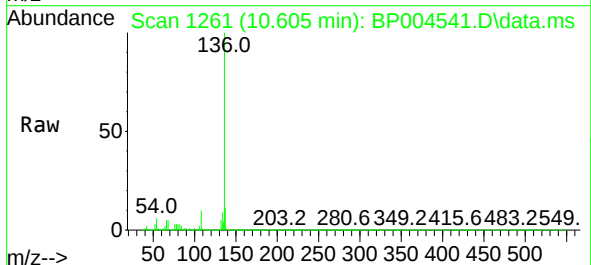


Tgt Ion: 99 Resp: 1290427

Ion	Ratio	Lower	Upper
99	100		
42	12.1	8.6	13.0
71	28.9	23.4	35.2

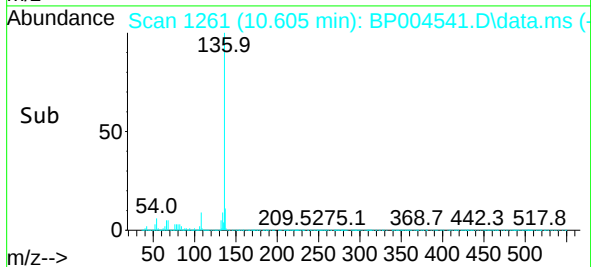
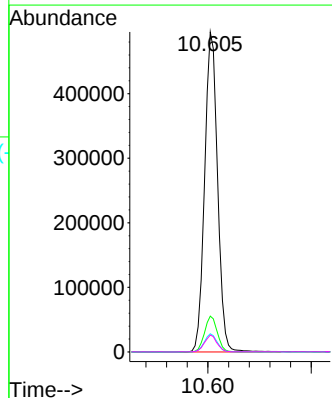


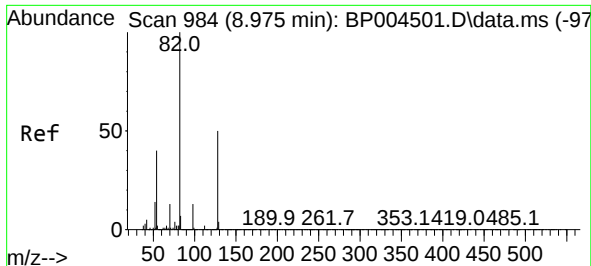
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.605 min Scan# 1261
Delta R.T. -0.005 min
Lab File: BP004541.D
Acq: 13 Jan 2021 17:13



Tgt Ion: 136 Resp: 860045

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	5.7	3.6	5.4#
68	5.3	3.3	4.9#

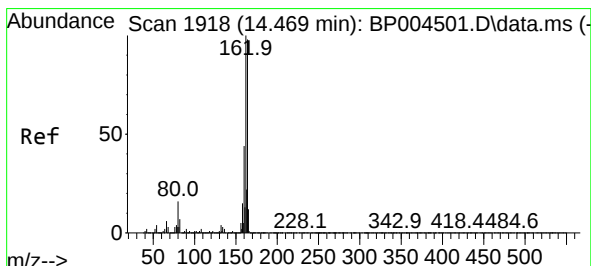
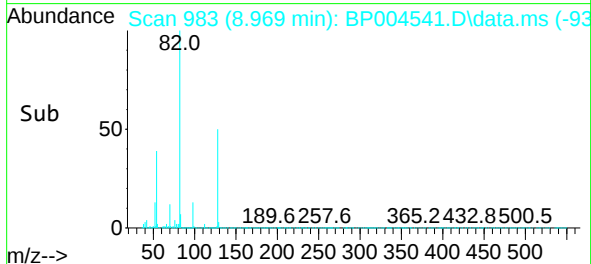
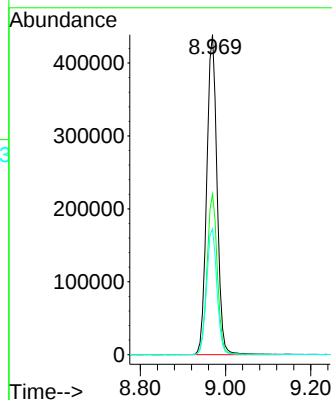
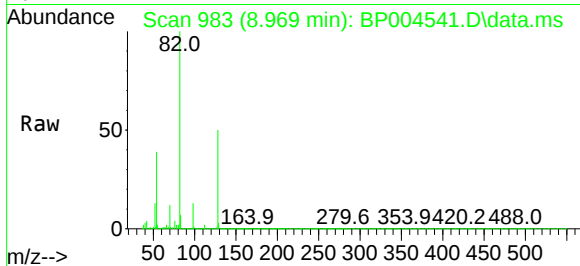




#23
Nitrobenzene-d5
Concen: 48.42 ng
RT: 8.969 min Scan# 983
Delta R.T. -0.006 min
Lab File: BP004541.D
Acq: 13 Jan 2021 17:13

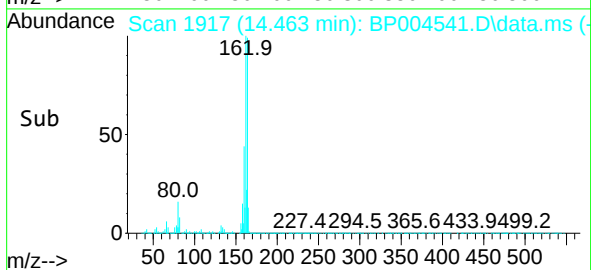
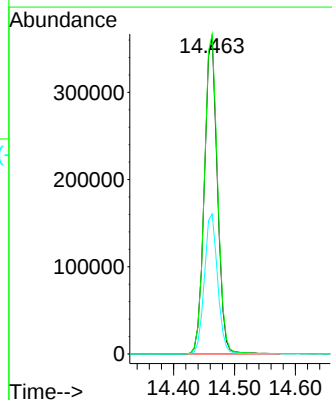
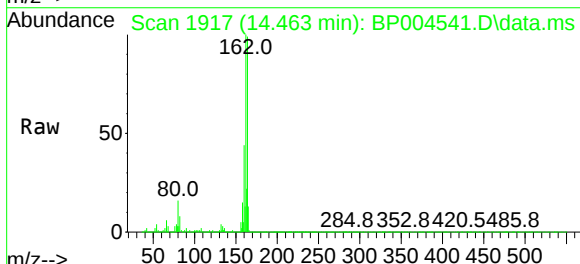
Instrument :
BNA_P
ClientSampleId :
FK-GF-02-066-B

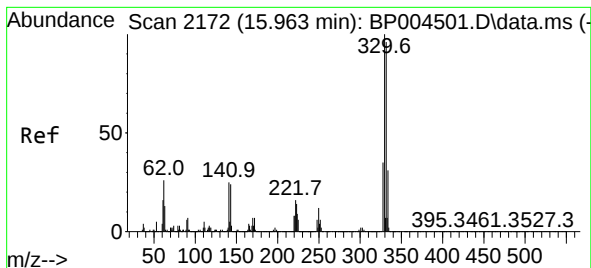
Tgt Ion: 82 Resp: 736626
Ion Ratio Lower Upper
82 100
128 50.2 45.6 68.4
54 39.3 30.1 45.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.463 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP004541.D
Acq: 13 Jan 2021 17:13

Tgt Ion: 164 Resp: 541683
Ion Ratio Lower Upper
164 100
162 101.1 79.4 119.2
160 44.2 36.1 54.1

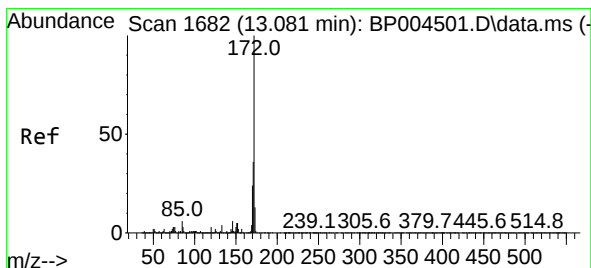
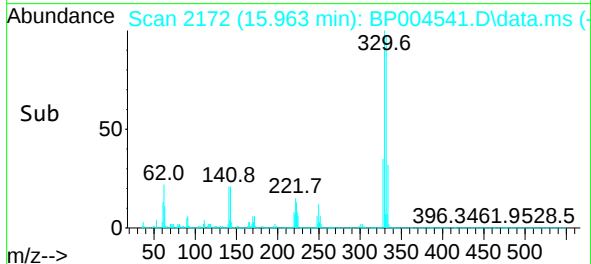
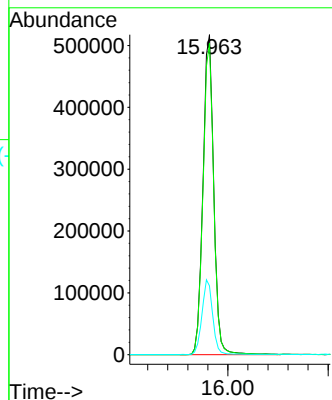
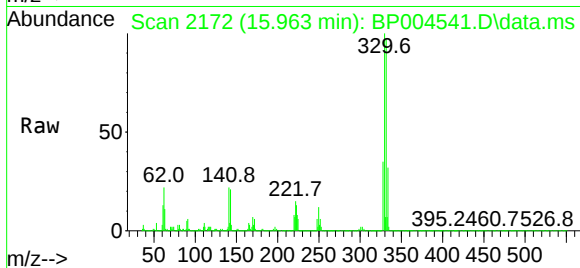




#42
2,4,6-Tribromophenol
Concen: 81.89 ng
RT: 15.963 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BP004541.D
Acq: 13 Jan 2021 17:13

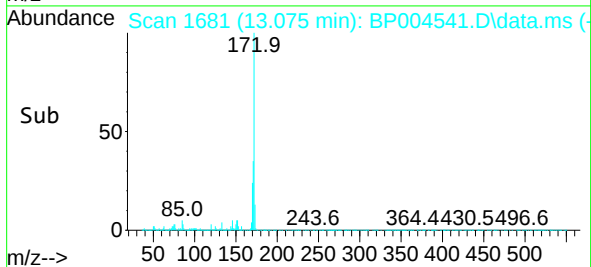
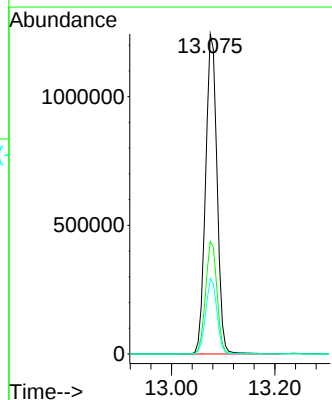
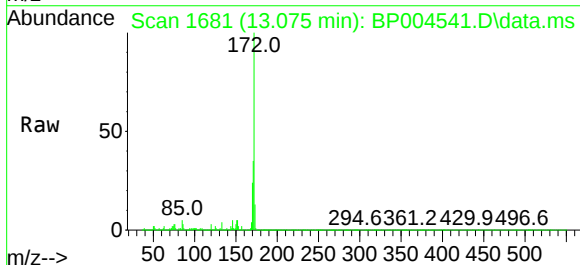
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ClientSampleId :
FK-GF-02-066-B

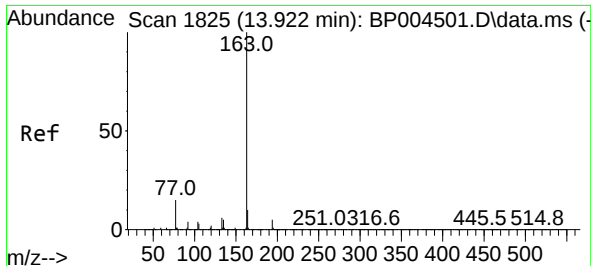
Tgt Ion:330 Resp: 771255
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 23.3 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 45.97 ng
RT: 13.075 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP004541.D
Acq: 13 Jan 2021 17:13

Tgt Ion:172 Resp: 1915461
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.6 19.2 28.8

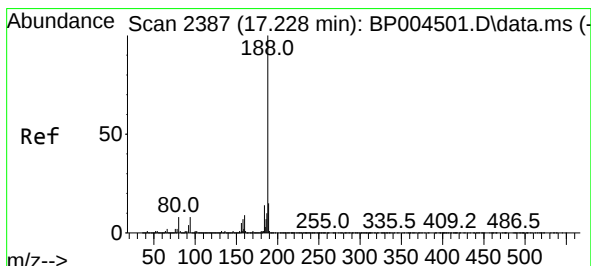
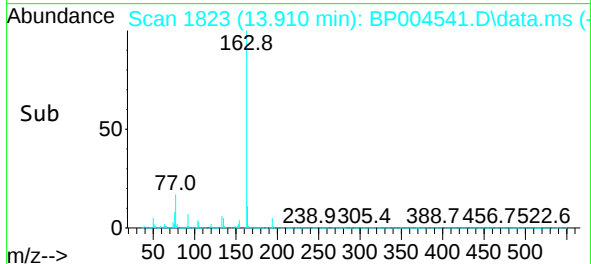
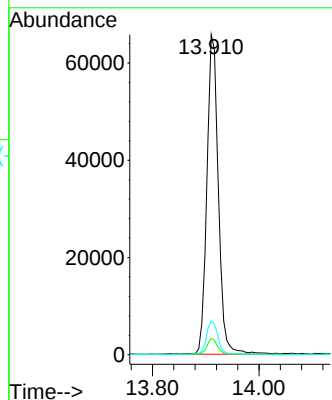
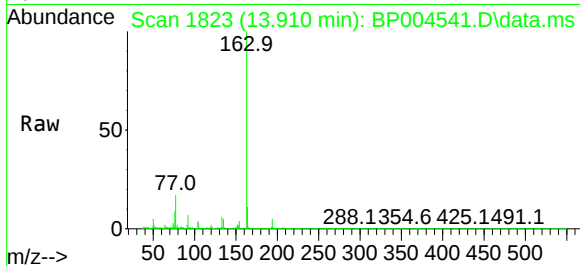




#50
Dimethylphthalate
Concen: 2.19 ng
RT: 13.910 min Scan# 1823
Delta R.T. -0.012 min
Lab File: BP004541.D
Acq: 13 Jan 2021 17:13

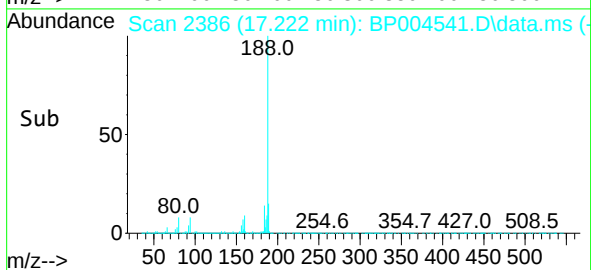
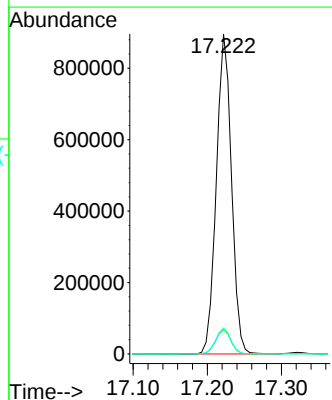
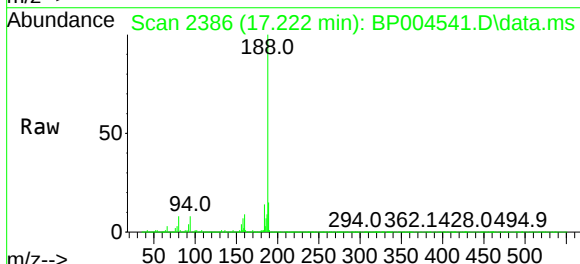
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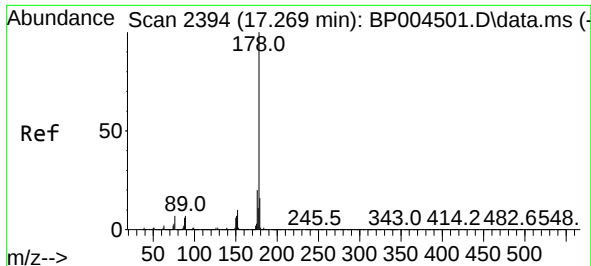
Tgt Ion:163 Resp: 98173
Ion Ratio Lower Upper
163 100
194 5.1 3.3 4.9#
164 10.5 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.222 min Scan# 2386
Delta R.T. -0.006 min
Lab File: BP004541.D
Acq: 13 Jan 2021 17:13

Tgt Ion:188 Resp: 1267918
Ion Ratio Lower Upper
188 100
94 7.6 6.2 9.2
80 8.1 6.2 9.2

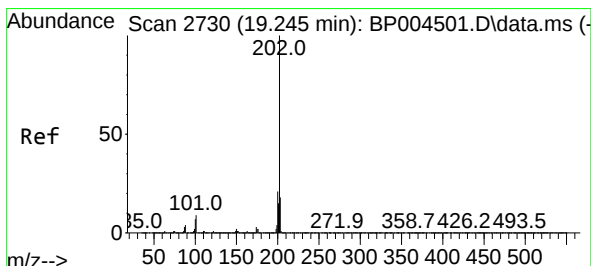
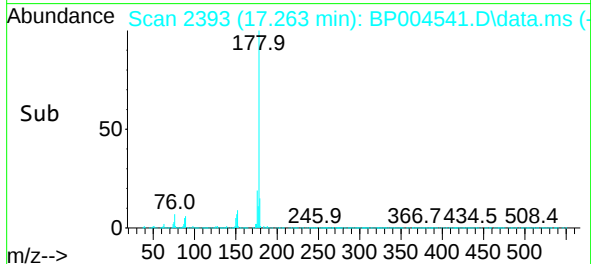
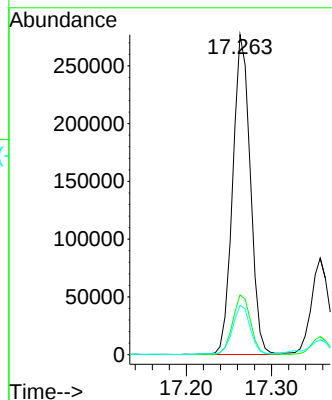
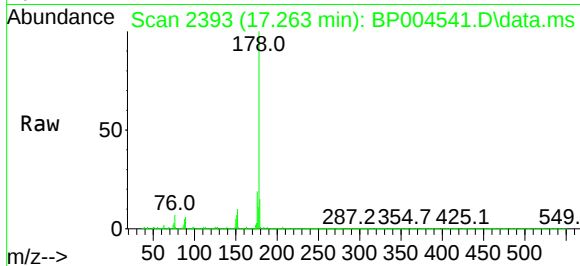




#71
Phenanthrene
Concen: 5.45 ng
RT: 17.263 min Scan# 2393
Delta R.T. -0.006 min
Lab File: BP004541.D
Acq: 13 Jan 2021 17:13

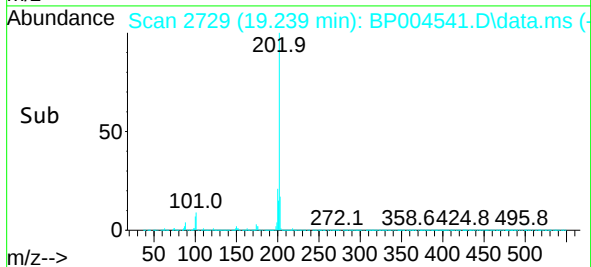
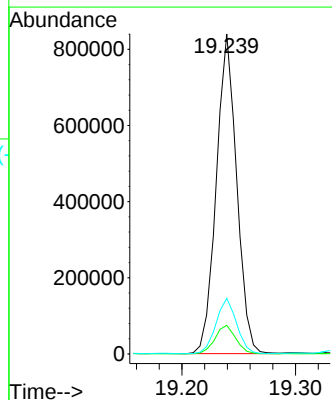
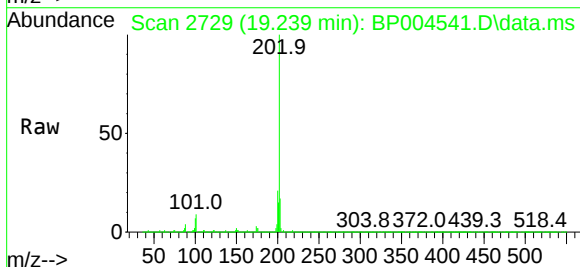
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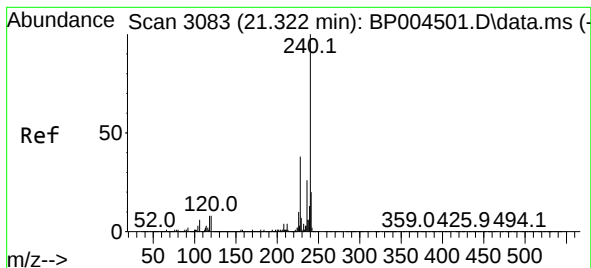
Tgt Ion:178 Resp: 396421
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 15.4 12.5 18.7



#75
Fluoranthene
Concen: 11.85 ng
RT: 19.239 min Scan# 2729
Delta R.T. -0.006 min
Lab File: BP004541.D
Acq: 13 Jan 2021 17:13

Tgt Ion:202 Resp: 1048130
Ion Ratio Lower Upper
202 100
101 9.0 0.0 29.4
203 17.4 0.0 37.8





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.316 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BP004541.D

Acq: 13 Jan 2021 17:13

Instrument :

BNA_P

ClientSampleId :

FK-GF-02-066-B

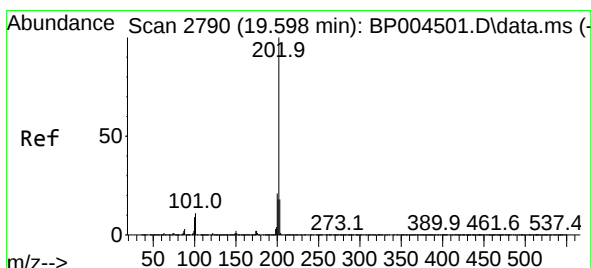
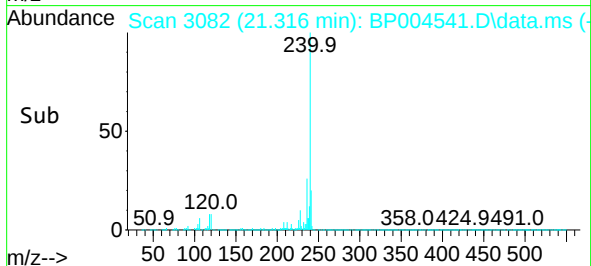
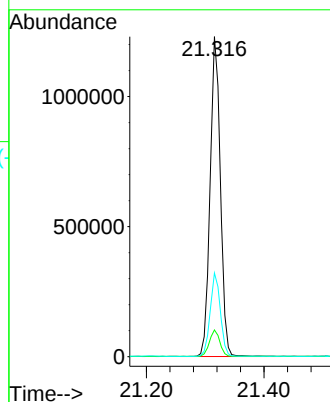
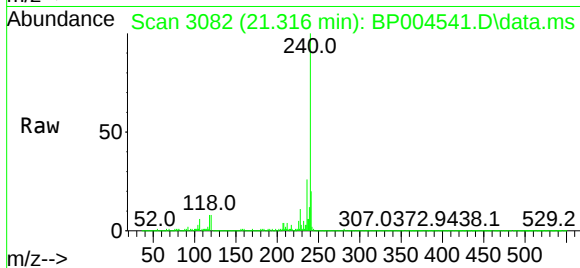
Tgt Ion:240 Resp: 1486658

Ion Ratio Lower Upper

240 100

120 8.4 7.8 11.6

236 26.1 20.8 31.2



#78

Pyrene

Concen: 9.52 ng

RT: 19.592 min Scan# 2789

Delta R.T. -0.006 min

Lab File: BP004541.D

Acq: 13 Jan 2021 17:13

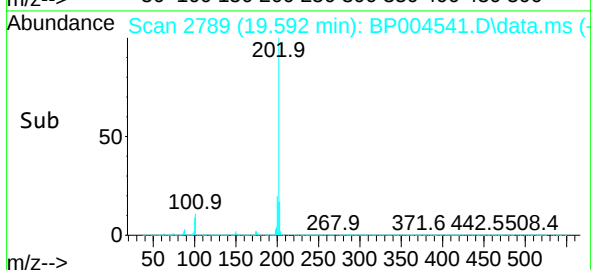
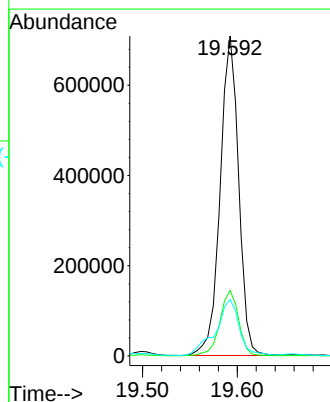
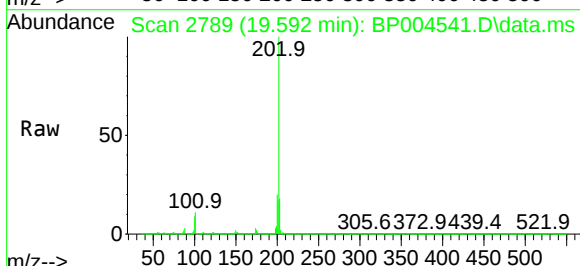
Tgt Ion:202 Resp: 962915

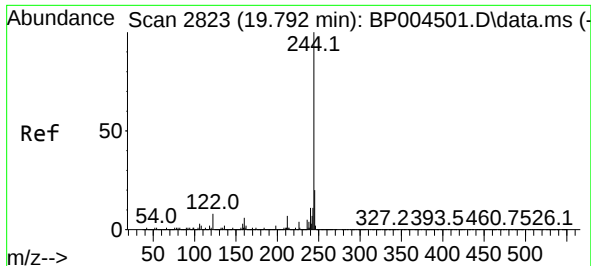
Ion Ratio Lower Upper

202 100

200 20.4 17.1 25.7

203 17.7 14.2 21.2

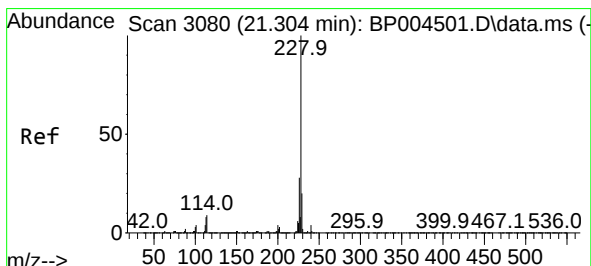
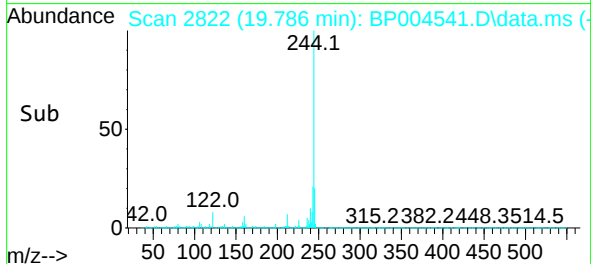
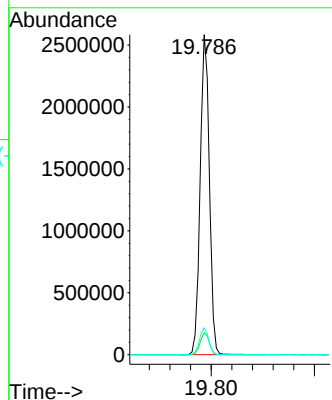
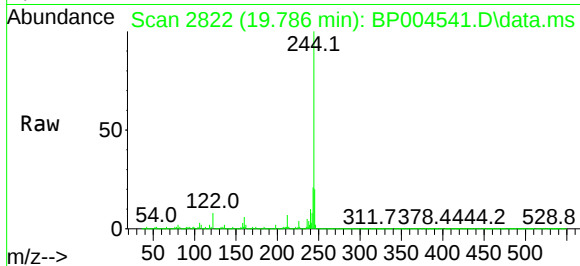




#79
 Terphenyl-d14
 Concen: 39.03 ng
 RT: 19.786 min Scan# 2822
 Delta R.T. -0.006 min
 Lab File: BP004541.D
 Acq: 13 Jan 2021 17:13

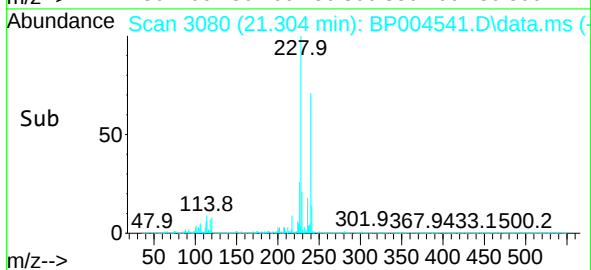
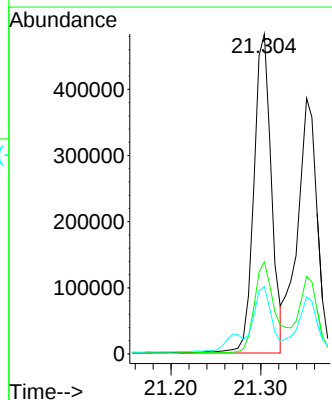
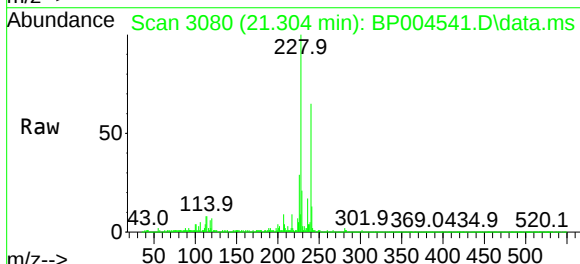
Instrument :
 BNA_P
 ClientSampleId :
 FK-GF-02-066-B

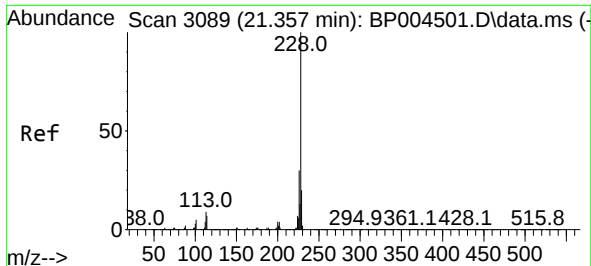
Tgt Ion:244 Resp: 3176145
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 8.4 7.8 11.8



#81
 Benzo(a)anthracene
 Concen: 6.46 ng
 RT: 21.304 min Scan# 3080
 Delta R.T. 0.000 min
 Lab File: BP004541.D
 Acq: 13 Jan 2021 17:13

Tgt Ion:228 Resp: 653237
 Ion Ratio Lower Upper
 228 100
 226 28.8 22.1 33.1
 229 21.1 15.9 23.9

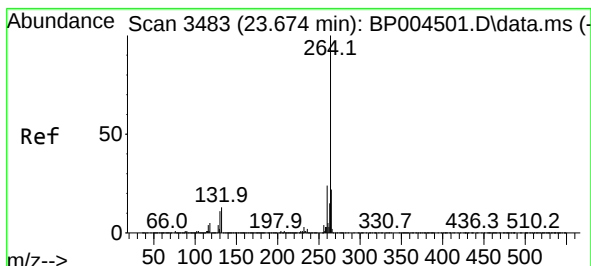
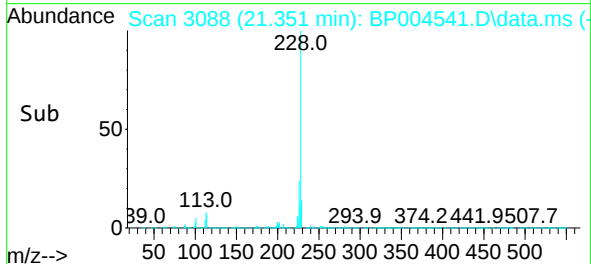
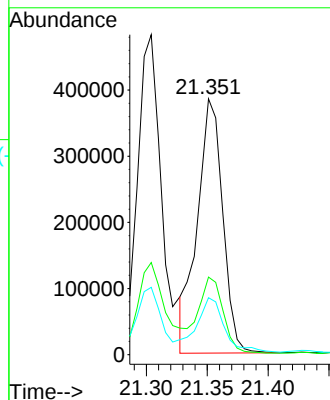
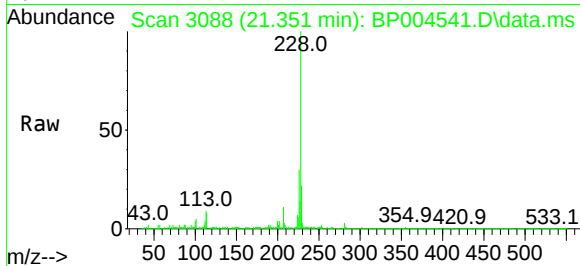




#83
Chrysene
Concen: 5.80 ng
RT: 21.351 min Scan# 3088
Delta R.T. -0.006 min
Lab File: BP004541.D
Acq: 13 Jan 2021 17:13

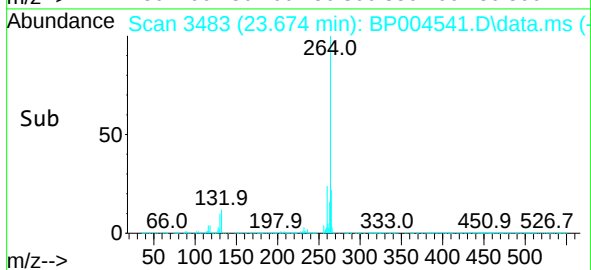
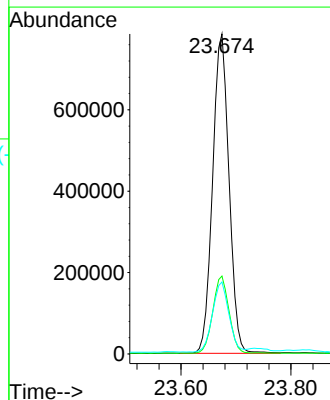
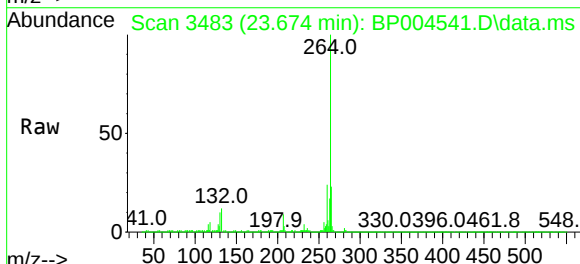
Instrument :
BNA_P
ClientSampleId :
FK-GF-02-066-B

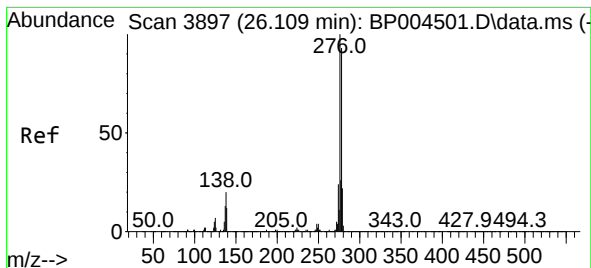
Tgt Ion:228	Resp: 558508
Ion Ratio	Lower Upper
228 100	
226 30.4	24.4 36.6
229 22.3	15.8 23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.674 min Scan# 3483
Delta R.T. 0.000 min
Lab File: BP004541.D
Acq: 13 Jan 2021 17:13

Tgt	Ion:264	Resp:	1625952
Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.8	28.2
265	22.5	17.4	26.2

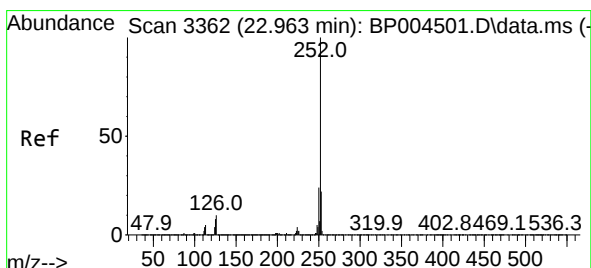
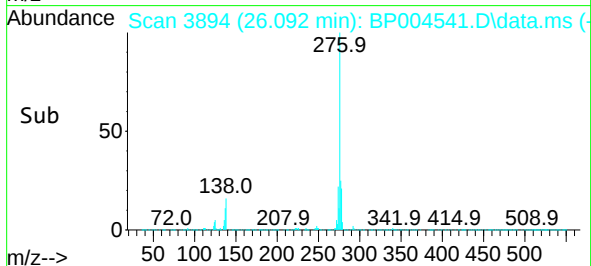
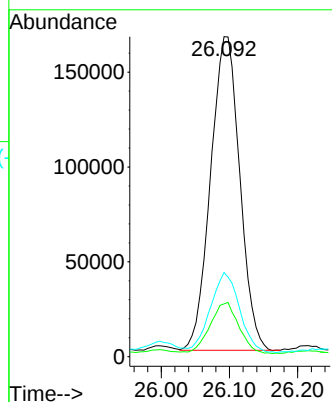
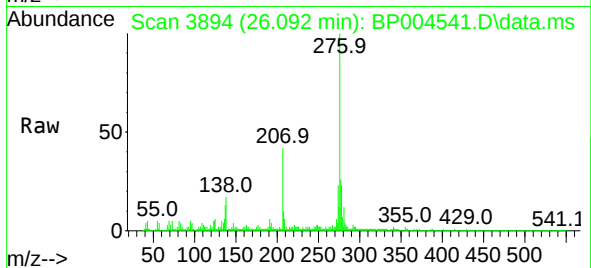




#87
Indeno(1,2,3-cd)pyrene
Concen: 3.93 ng
RT: 26.092 min Scan# 3894
Delta R.T. -0.018 min
Lab File: BP004541.D
Acq: 13 Jan 2021 17:13

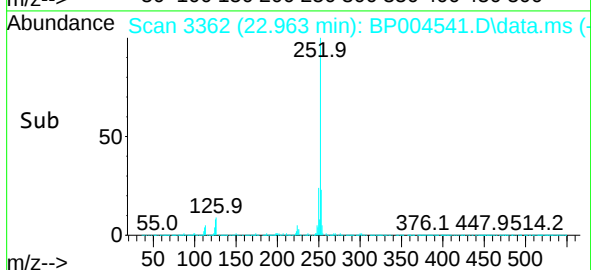
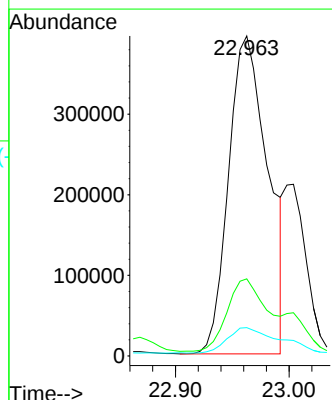
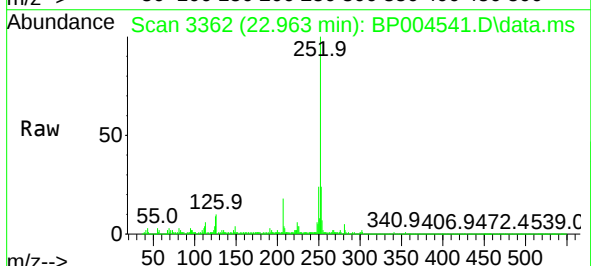
Instrument :
BNA_P
ClientSampleId :
FK-GF-02-066-B

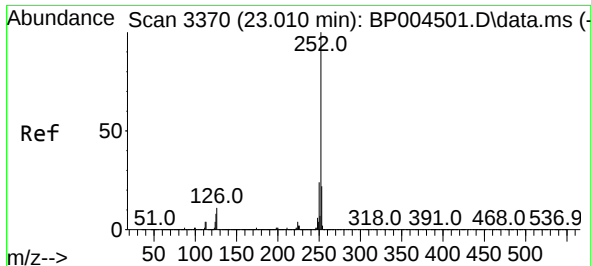
Tgt Ion:276 Resp: 492987
Ion Ratio Lower Upper
276 100
138 15.9 18.7 28.1#
277 25.6 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 9.02 ng
RT: 22.963 min Scan# 3362
Delta R.T. 0.000 min
Lab File: BP004541.D
Acq: 13 Jan 2021 17:13

Tgt Ion:252 Resp: 949458
Ion Ratio Lower Upper
252 100
253 24.1 17.6 26.4
125 8.8 7.3 10.9

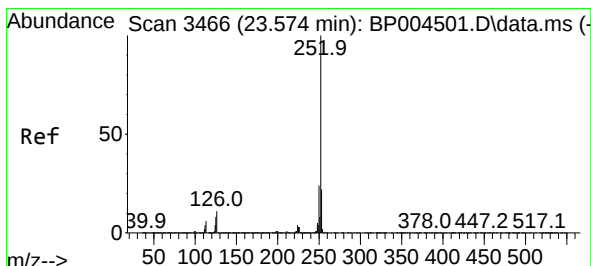
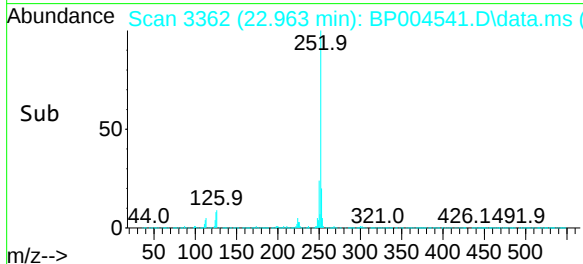
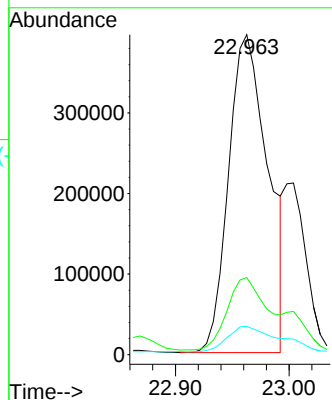
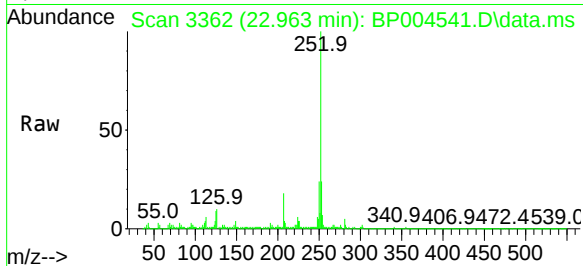




#89
Benzo(k)fluoranthene
Concen: 9.46 ng
RT: 22.963 min Scan# 3362
Delta R.T. -0.047 min
Lab File: BP004541.D
Acq: 13 Jan 2021 17:13

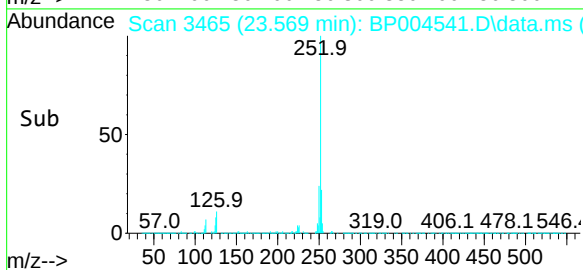
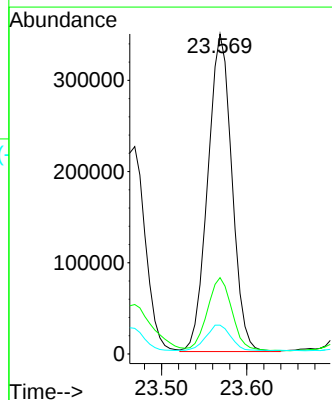
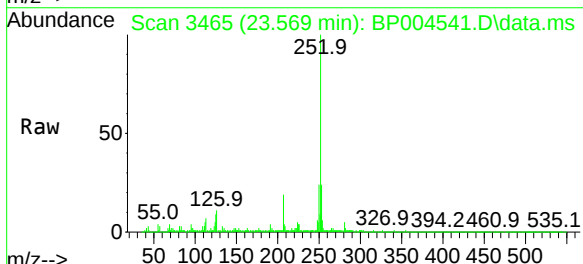
Instrument :
BNA_P
ClientSampleId :
FK-GF-02-066-B

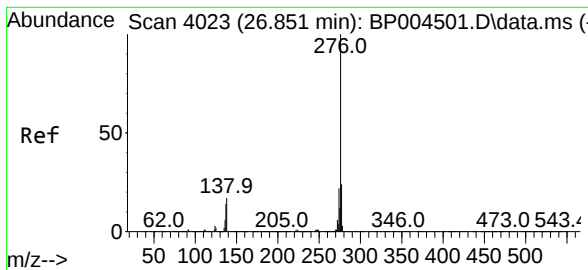
Tgt Ion:252 Resp: 949458
Ion Ratio Lower Upper
252 100
253 24.1 17.8 26.8
125 8.8 7.4 11.2



#90
Benzo(a)pyrene
Concen: 6.99 ng
RT: 23.569 min Scan# 3465
Delta R.T. -0.006 min
Lab File: BP004541.D
Acq: 13 Jan 2021 17:13

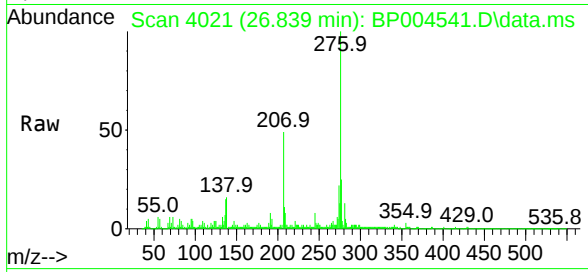
Tgt Ion:252 Resp: 685735
Ion Ratio Lower Upper
252 100
253 23.8 17.4 26.0
125 9.0 8.2 12.4





#92
 Benzo(g,h,i)perylene
 Concen: 4.86 ng
 RT: 26.839 min Scan# 4021
 Delta R.T. -0.012 min
 Lab File: BP004541.D
 Acq: 13 Jan 2021 17:13

Instrument :
 BNA_P
 ClientSampleId :
 FK-GF-02-066-B



Tgt Ion: 276 Resp: 495938
 Ion Ratio Lower Upper
 276 100
 277 25.3 19.0 28.6
 138 16.0 16.6 24.8#

