

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111920\
 Data File : BF122396.D
 Acq On : 19 Nov 2020 23:15
 Operator : JU/CG
 Sample : L4802-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-064-B

Quant Time: Nov 20 00:05:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 12:25:42 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

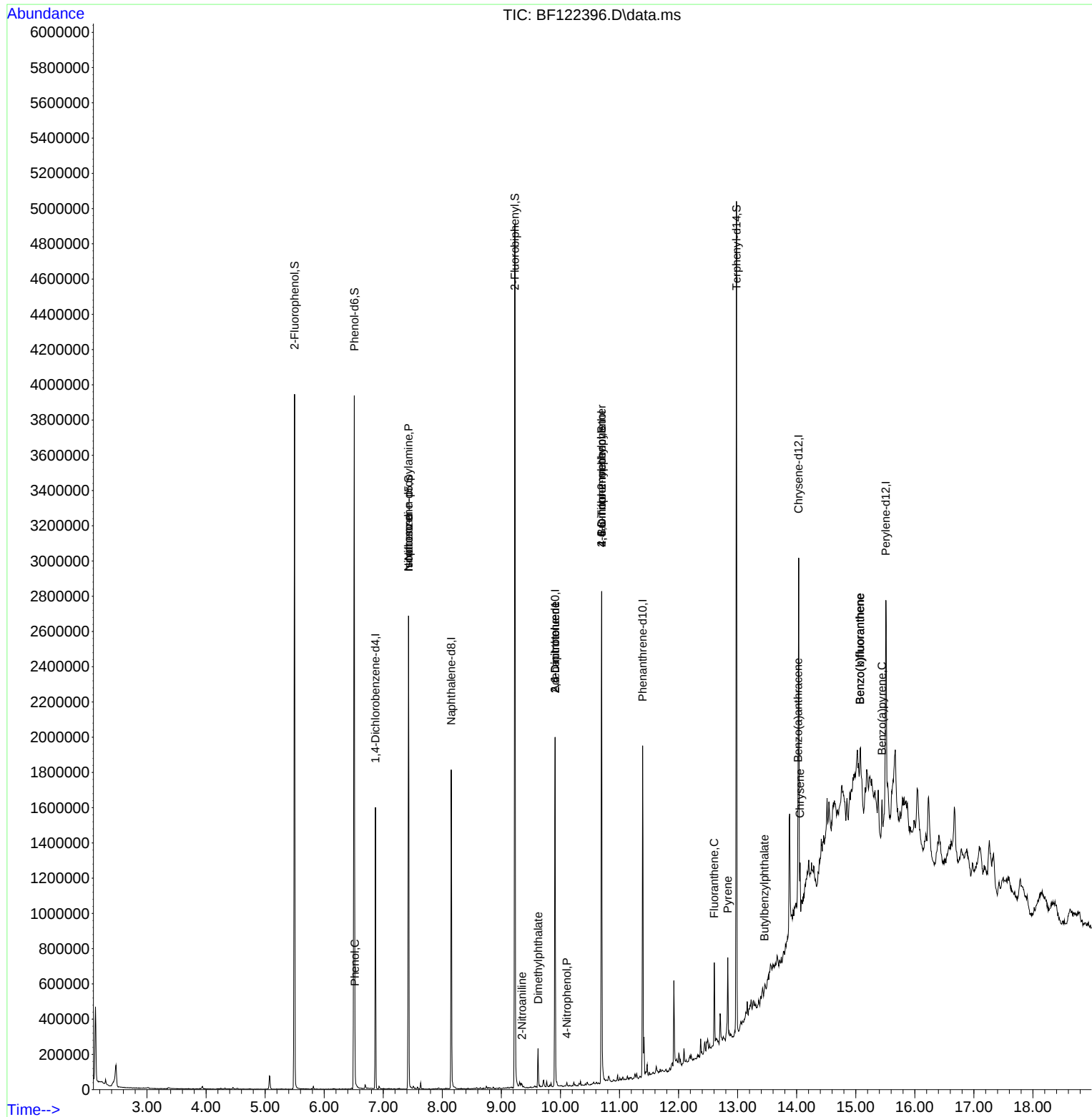
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	203622	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	758763	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	393003	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	661296	20.00	ng	0.00
76) Chrysene-d12	14.033	240	603485	20.00	ng	0.00
86) Perylene-d12	15.509	264	567765	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1045551	78.84	ng	0.02
7) Phenol-d6	6.510	99	1317358	75.94	ng	0.02
23) Nitrobenzene-d5	7.428	82	814370	65.71	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	347720	82.44	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1486035	59.08	ng	0.00
79) Terphenyl-d14	12.980	244	1392941	48.90	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.416	77	335	Below Cal	#	54
10) Phenol	6.522	94	64116	3.75	ng	# 74
19) n-Nitroso-di-n-propyla...	7.428	70	109491	10.56	ng	# 74
25) Isophorone	7.428	82	808259	29.25	ng	# 67
48) 2-Nitroaniline	9.351	65	241	5.20	ng	# 6
50) Dimethylphthalate	9.621	163	85541	3.06	ng	98
51) 2,6-Dinitrotoluene	9.910	165	51286	11.41	ng	# 20
56) 4-Nitrophenol	10.110	139	1969	5.71	ng	# 18
57) 2,4-Dinitrotoluene	9.910	165	51286	10.62	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.698	198	591	6.40	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	22602	2.91	ng	# 1
75) Fluoranthene	12.604	202	178858	4.57	ng	98
78) Pyrene	12.833	202	175378	4.14	ng	99
80) Butylbenzylphthalate	13.457	149	5031	3.56	ng	# 90
81) Benzo(a)anthracene	14.021	228	109953	2.93	ng	94
83) Chrysene	14.057	228	98312	2.60	ng	96
88) Benzo(b)fluoranthene	15.074	252	186594	5.07	ng	# 77
89) Benzo(k)fluoranthene	15.074	252	186594	5.20	ng	# 76
90) Benzo(a)pyrene	15.445	252	100623	3.14	ng	# 83

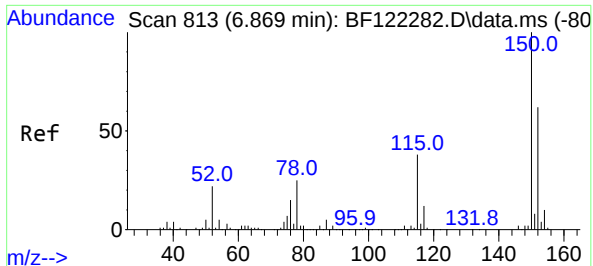
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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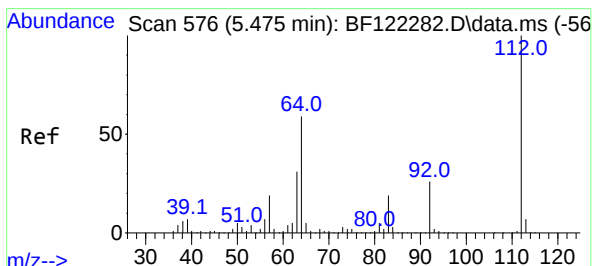
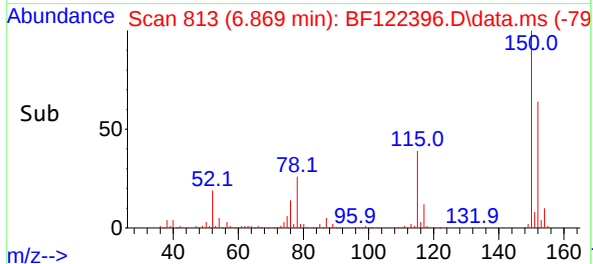
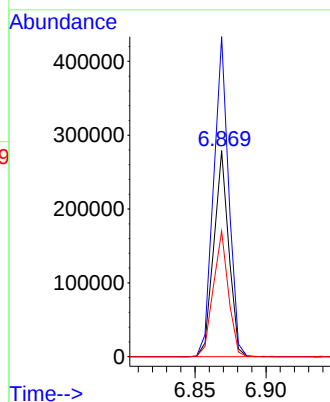
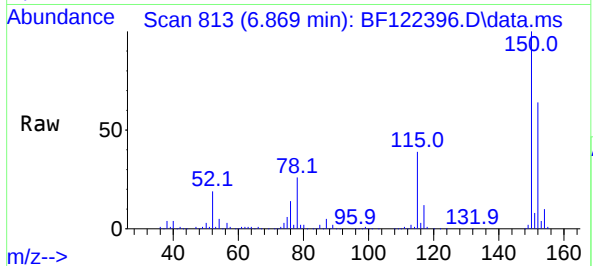




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF122396.D
Acq: 19 Nov 2020 23:15

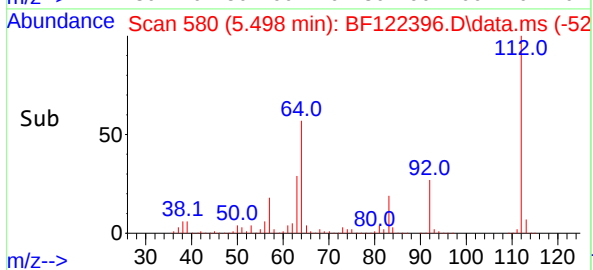
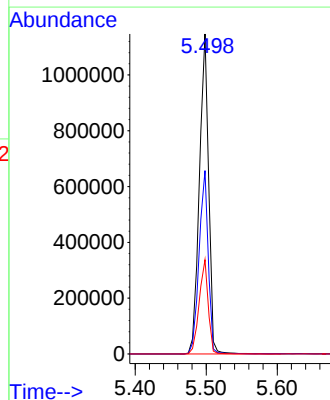
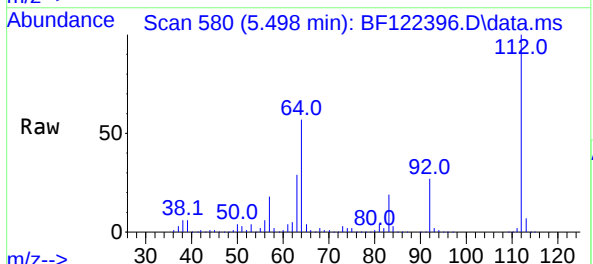
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BNA_F
ClientSampleId :
FK-GF-02-064-B

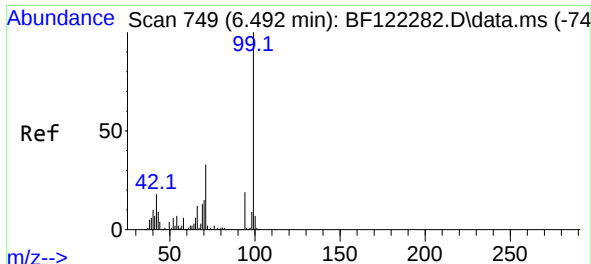
Tgt Ion:152 Resp: 203622
Ion Ratio Lower Upper
152 100
150 155.2 125.3 187.9
115 60.9 51.9 77.9



#5
2-Fluorophenol
Concen: 78.84 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.024 min
Lab File: BF122396.D
Acq: 19 Nov 2020 23:15

Tgt Ion:112 Resp: 1045551
Ion Ratio Lower Upper
112 100
64 57.3 50.4 75.6
63 29.4 25.8 38.6



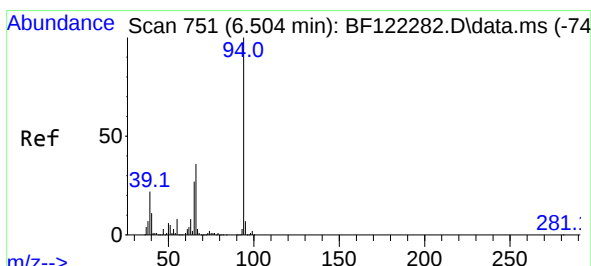
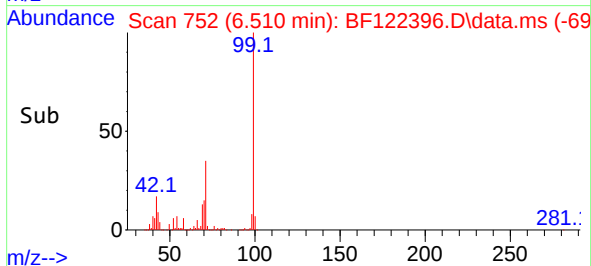
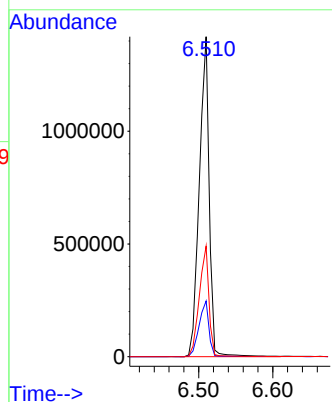
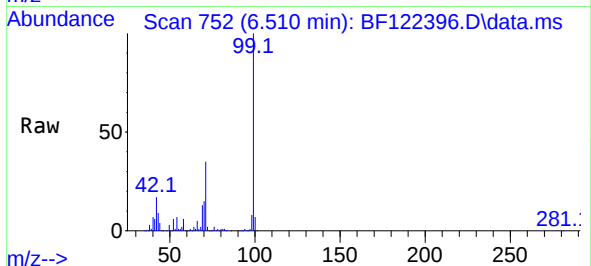


#7
Phenol-d6
Concen: 75.94 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.018 min
Lab File: BF122396.D
Acq: 19 Nov 2020 23:15

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-064-B

Tgt Ion: 99 Resp: 1317358

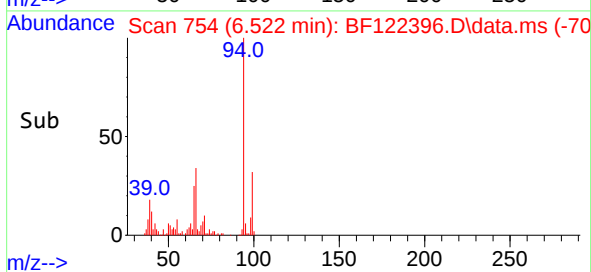
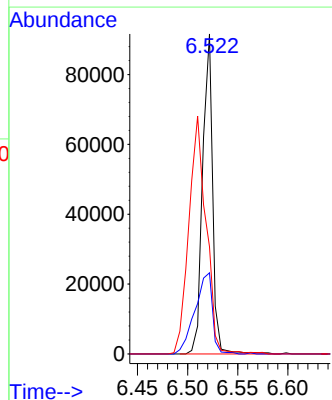
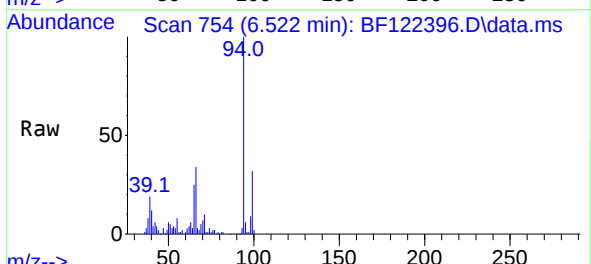
Ion	Ratio	Lower	Upper
99	100		
42	17.4	15.9	23.9
71	34.5	27.1	40.7

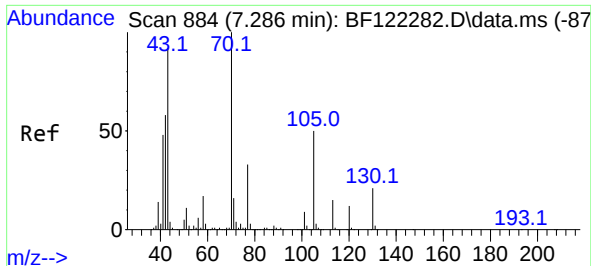


#10
Phenol
Concen: 3.75 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.018 min
Lab File: BF122396.D
Acq: 19 Nov 2020 23:15

Tgt Ion: 94 Resp: 64116

Ion	Ratio	Lower	Upper
94	100		
65	25.4	17.1	57.1
66	33.6	36.0	76.0

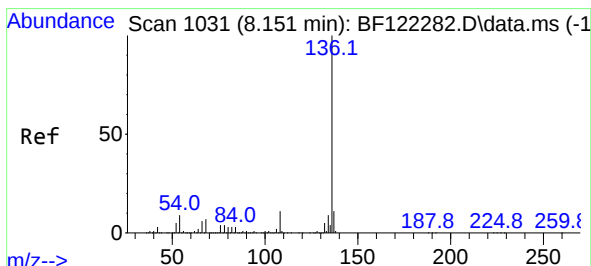
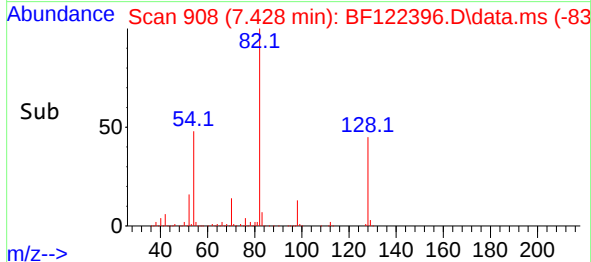
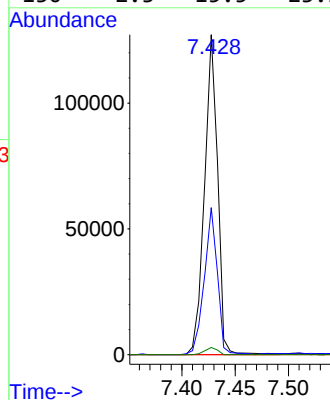
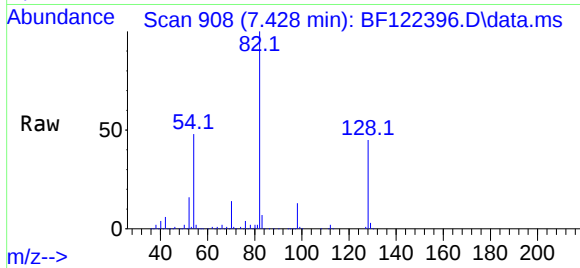




#19
n-Nitroso-di-n-propylamine
Concen: 10.56 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF122396.D
Acq: 19 Nov 2020 23:15

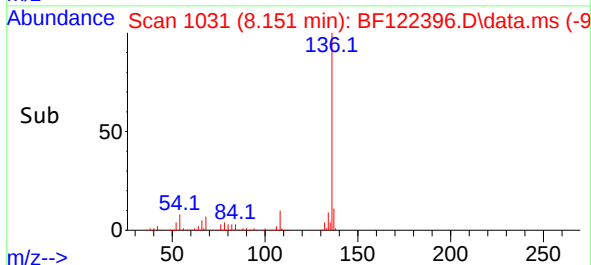
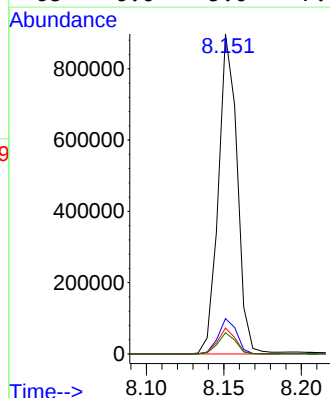
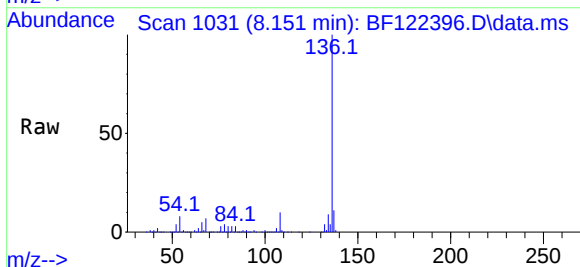
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-064-B

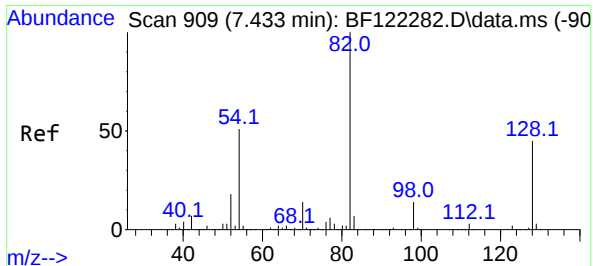
Tgt Ion: 70 Resp: 109491
Ion Ratio Lower Upper
70 100
42 45.9 50.2 75.4#
101 0.0 7.5 11.3#
130 2.3 15.5 23.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF122396.D
Acq: 19 Nov 2020 23:15

Tgt Ion:136 Resp: 758763
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.1 7.1 10.7
68 6.6 5.0 7.4

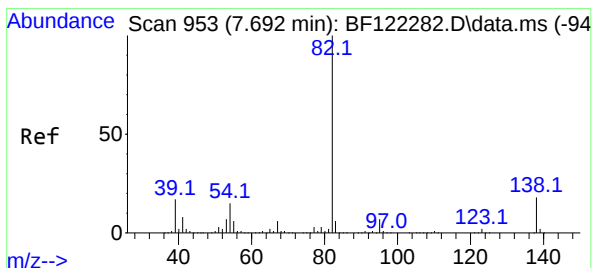
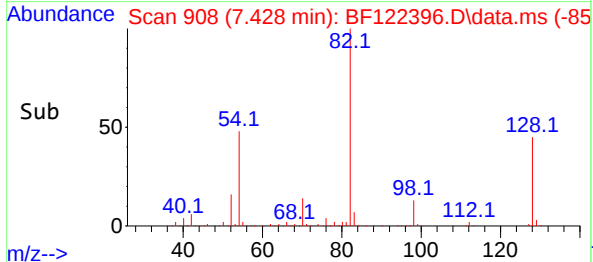
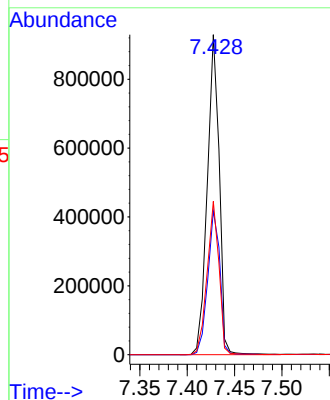
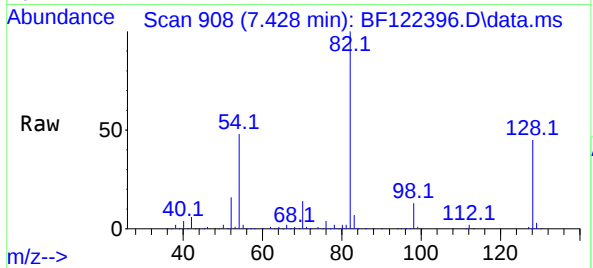




#23
Nitrobenzene-d5
Concen: 65.71 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF122396.D
Acq: 19 Nov 2020 23:15

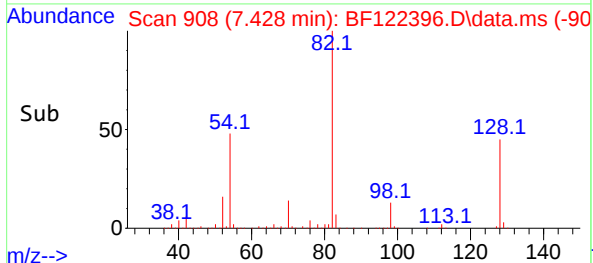
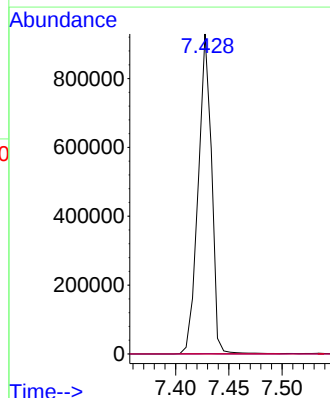
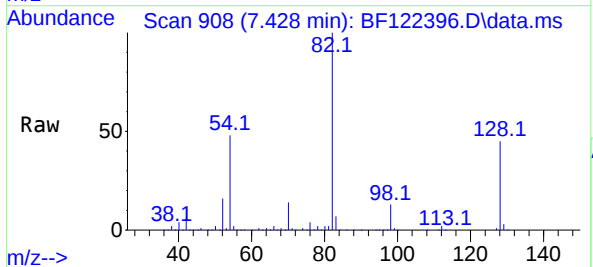
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-064-B

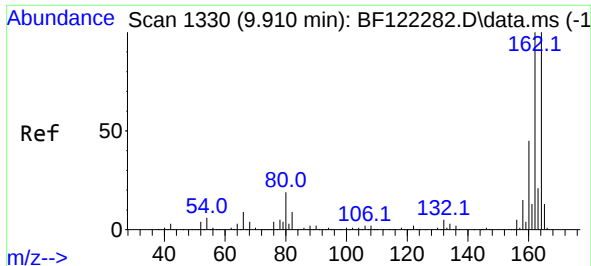
Tgt Ion: 82 Resp: 814370
Ion Ratio Lower Upper
82 100
128 44.9 35.0 52.4
54 47.9 43.9 65.9



#25
Isophorone
Concen: 29.25 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.264 min
Lab File: BF122396.D
Acq: 19 Nov 2020 23:15

Tgt Ion: 82 Resp: 808259
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.910 min Scan# 1330

Delta R.T. -0.000 min

Lab File: BF122396.D

Acq: 19 Nov 2020 23:15

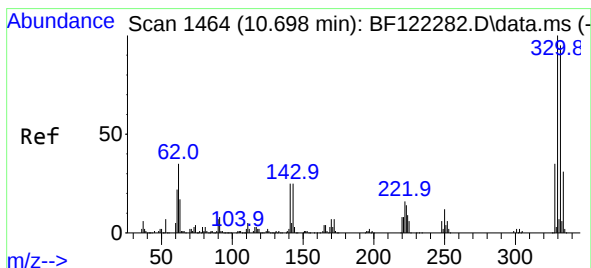
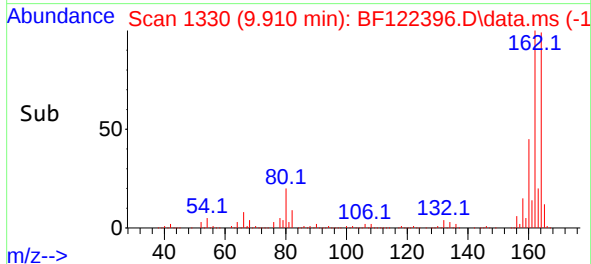
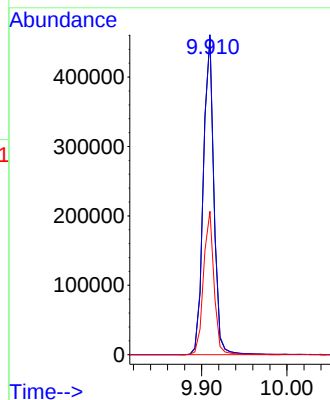
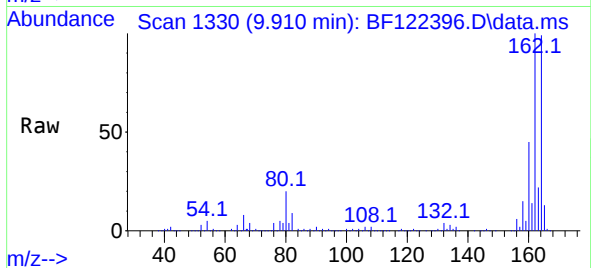
Tgt Ion:164 Resp: 393003

Ion Ratio Lower Upper

164 100

162 101.0 83.2 124.8

160 45.3 37.5 56.3



#42

2,4,6-Tribromophenol

Concen: 82.44 ng

RT: 10.698 min Scan# 1464

Delta R.T. 0.000 min

Lab File: BF122396.D

Acq: 19 Nov 2020 23:15

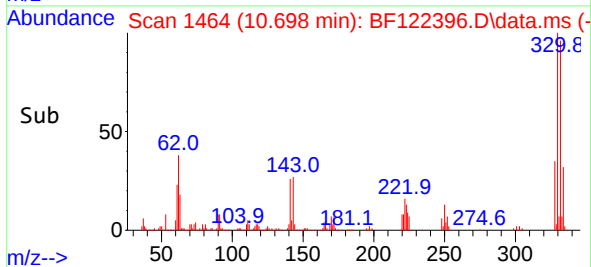
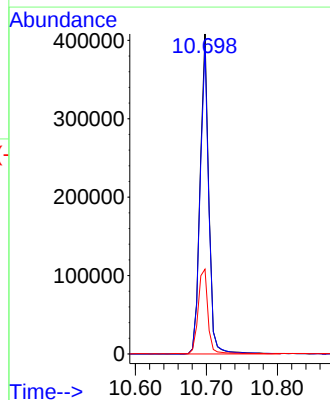
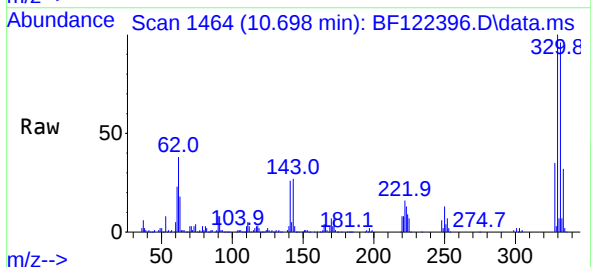
Tgt Ion:330 Resp: 347720

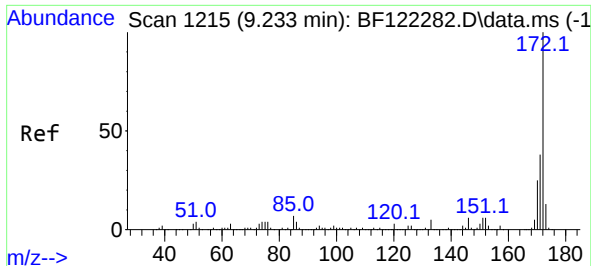
Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

141 29.5 22.3 33.5

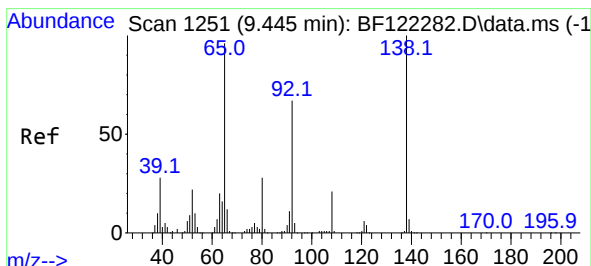
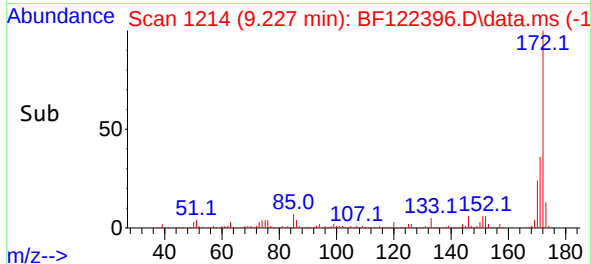
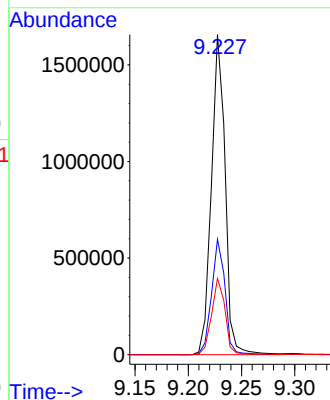
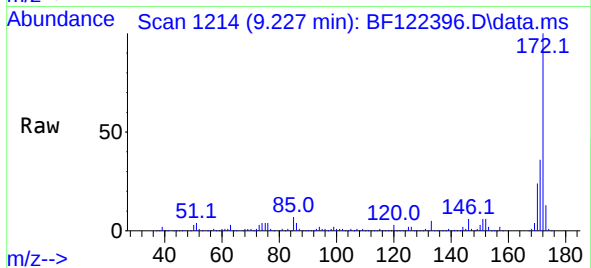




#45
2-Fluorobiphenyl
Concen: 59.08 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122396.D
Acq: 19 Nov 2020 23:15

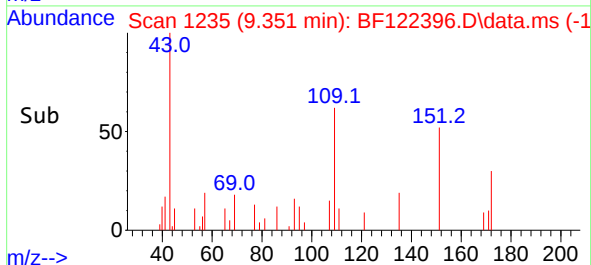
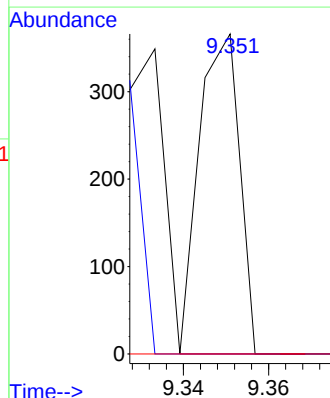
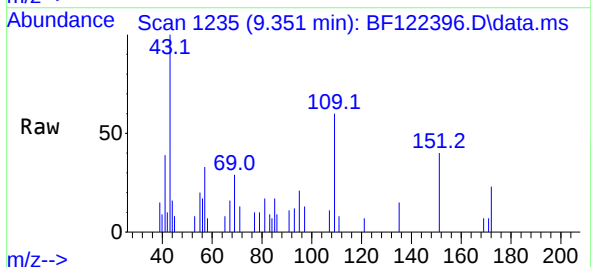
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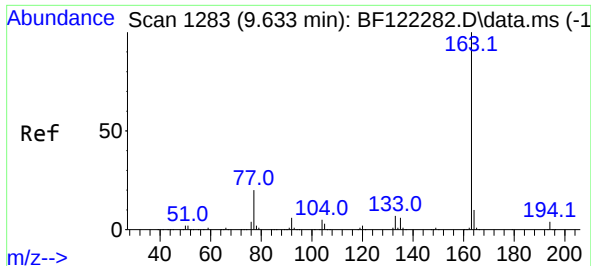
Tgt Ion:172 Resp: 1486035
Ion Ratio Lower Upper
172 100
171 36.1 29.1 43.7
170 23.9 19.8 29.6



#48
2-Nitroaniline
Concen: 5.20 ng
RT: 9.351 min Scan# 1235
Delta R.T. -0.094 min
Lab File: BF122396.D
Acq: 19 Nov 2020 23:15

Tgt Ion: 65 Resp: 241
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#

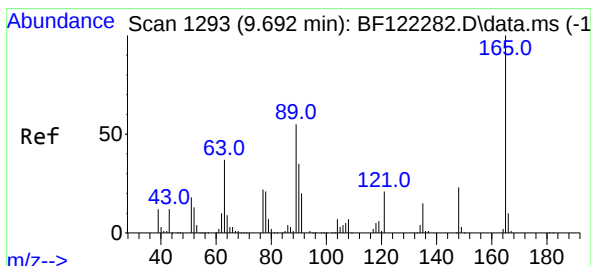
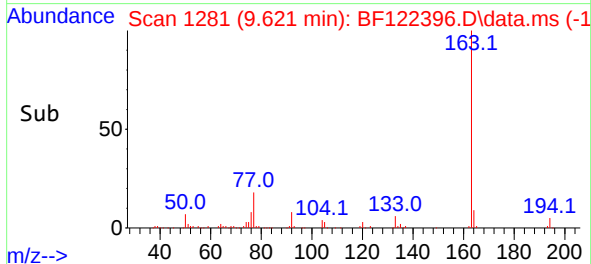
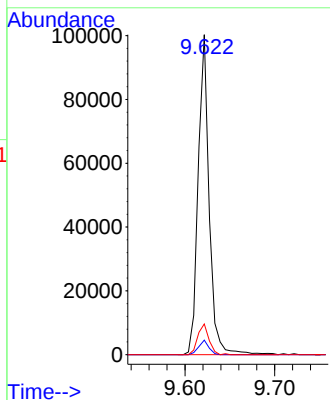
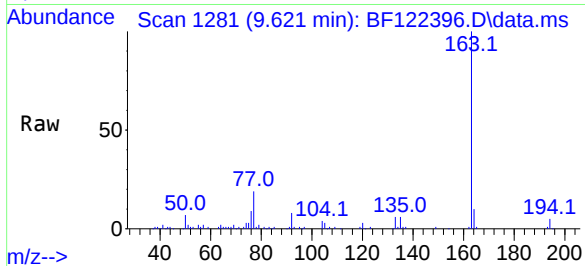




#50
Dimethylphthalate
Concen: 3.06 ng
RT: 9.621 min Scan# 1281
Delta R.T. -0.012 min
Lab File: BF122396.D
Acq: 19 Nov 2020 23:15

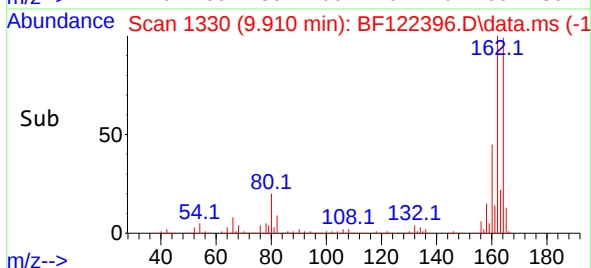
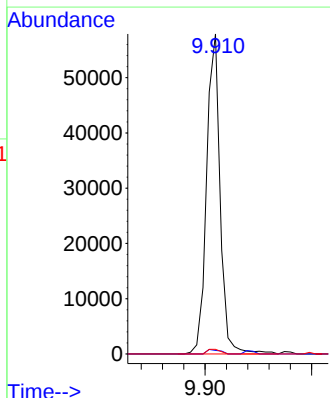
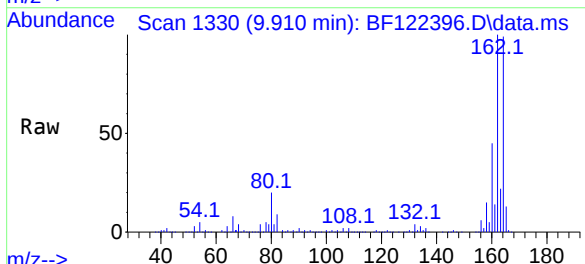
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-064-B

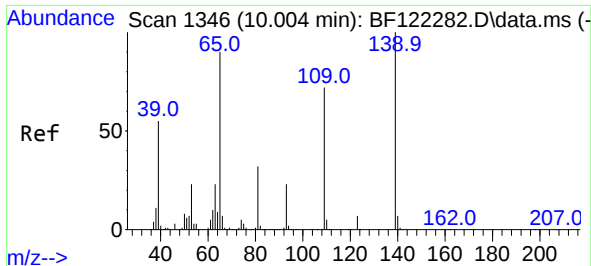
Tgt Ion:163	Resp:	85541
Ion Ratio	Lower	Upper
163	100	
194	4.6	3.3 4.9
164	9.6	8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 11.41 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.218 min
Lab File: BF122396.D
Acq: 19 Nov 2020 23:15

Tgt Ion:165	Resp:	51286
Ion Ratio	Lower	Upper
165	100	
63	1.1	51.8 77.6#
89	1.5	49.0 73.6#

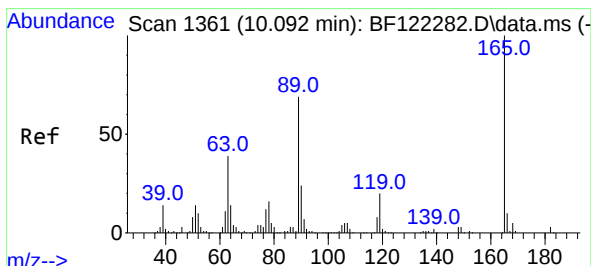
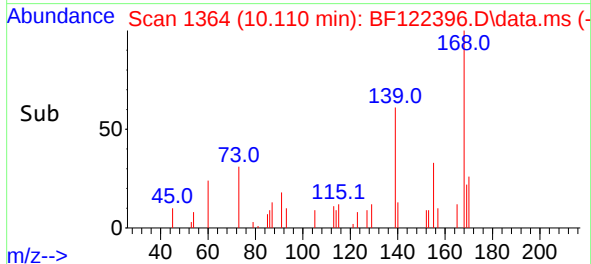
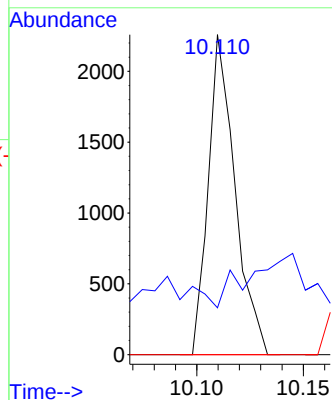
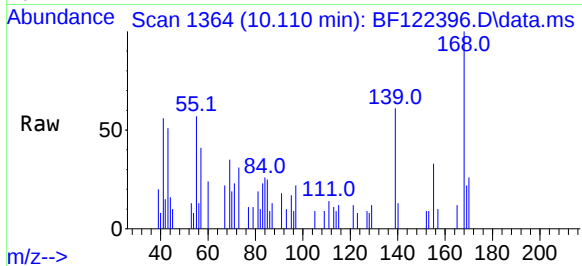




#56
4-Nitrophenol
Concen: 5.71 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.106 min
Lab File: BF122396.D
Acq: 19 Nov 2020 23:15

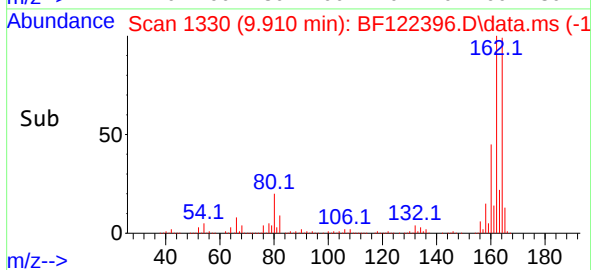
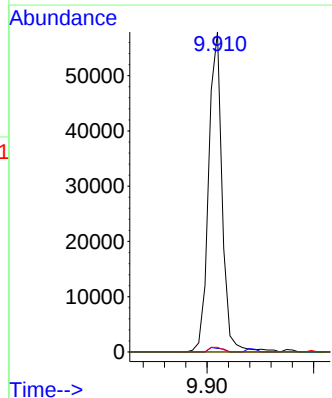
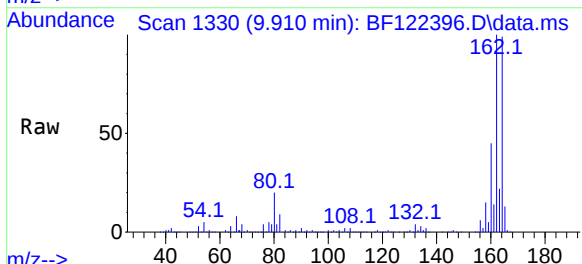
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-064-B

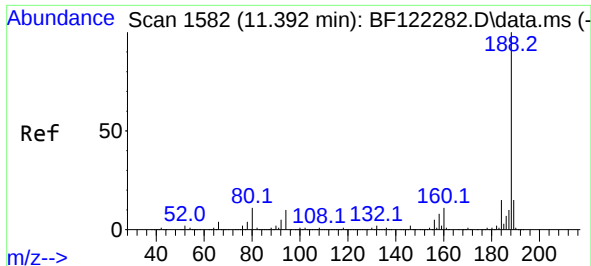
Tgt Ion:139 Resp: 1969
Ion Ratio Lower Upper
139 100
109 14.7 45.4 85.4#
65 0.0 68.4 108.4#



#57
2,4-Dinitrotoluene
Concen: 10.62 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.182 min
Lab File: BF122396.D
Acq: 19 Nov 2020 23:15

Tgt Ion:165 Resp: 51286
Ion Ratio Lower Upper
165 100
63 1.1 41.3 61.9#
89 1.5 61.8 92.8#
182 0.0 2.1 3.1#

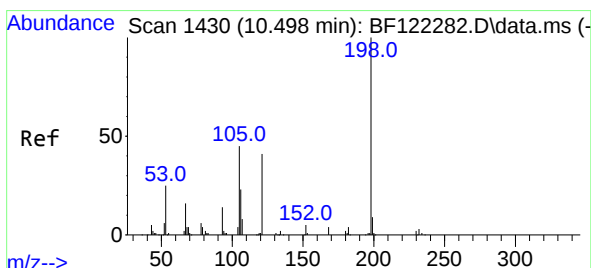
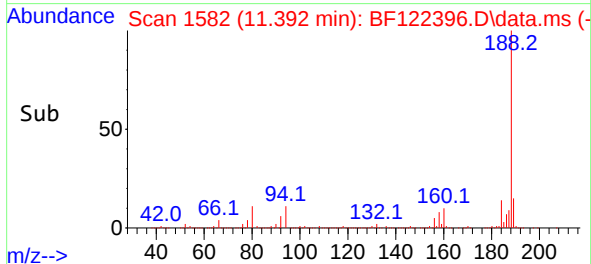
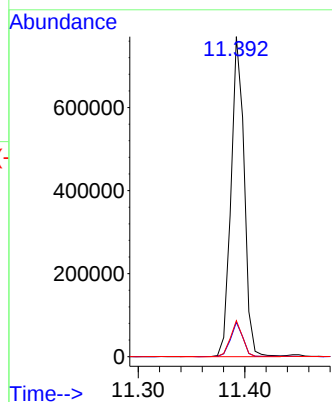
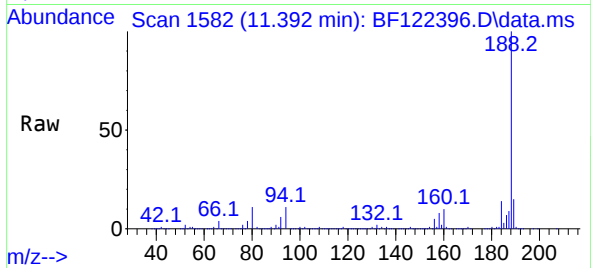




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF122396.D
Acq: 19 Nov 2020 23:15

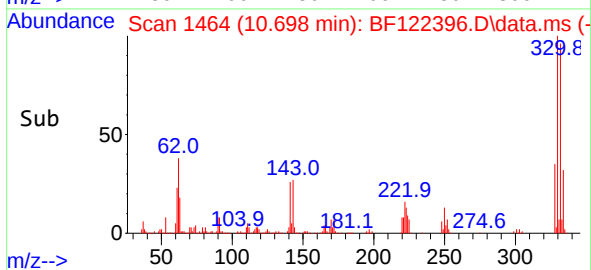
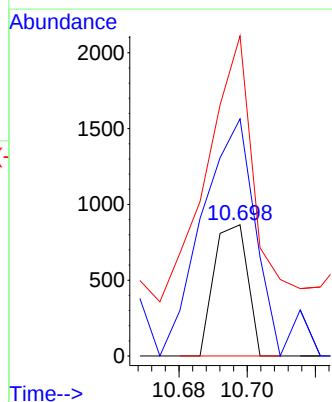
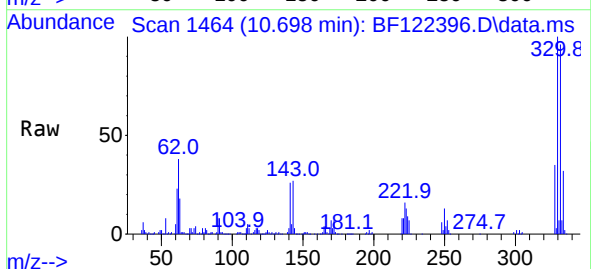
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-064-B

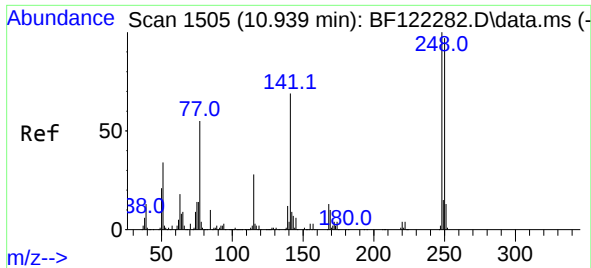
Tgt Ion:188 Resp: 661296
Ion Ratio Lower Upper
188 100
94 10.8 8.3 12.5
80 11.2 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 6.40 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.200 min
Lab File: BF122396.D
Acq: 19 Nov 2020 23:15

Tgt Ion:198 Resp: 591
Ion Ratio Lower Upper
198 100
51 180.6 29.6 69.6#
105 243.8 24.4 64.4#

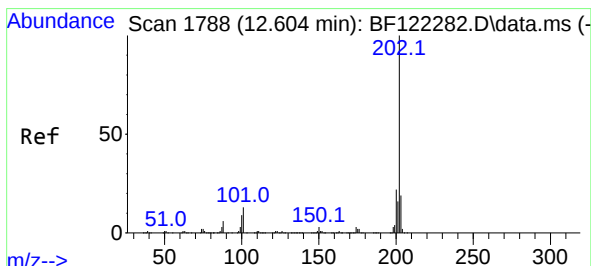
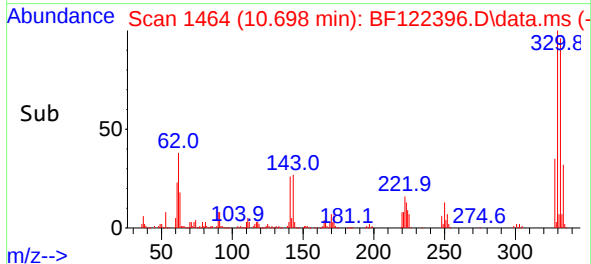
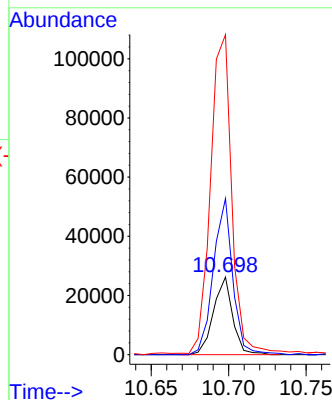
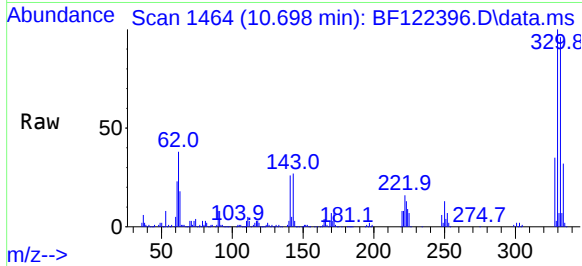




#67
4-Bromophenyl-phenylether
Concen: 2.91 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF122396.D
Acq: 19 Nov 2020 23:15

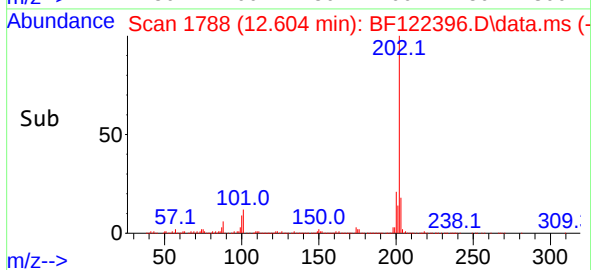
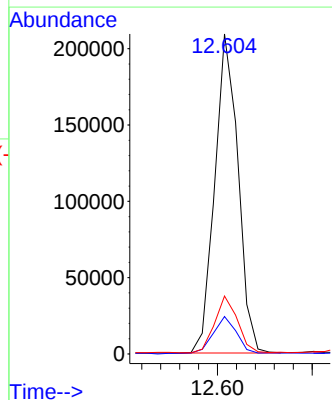
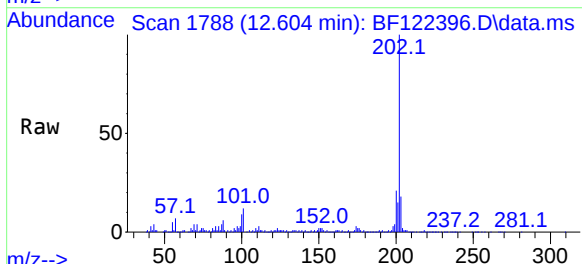
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-064-B

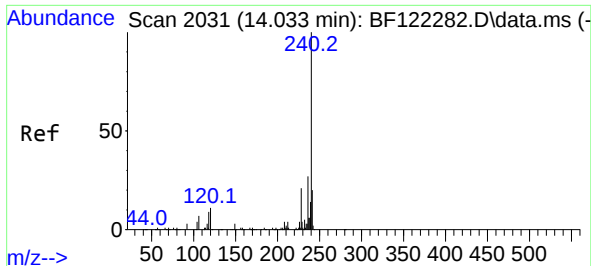
Tgt Ion:248 Resp: 22602
Ion Ratio Lower Upper
248 100
250 201.3 77.0 115.6#
141 412.4 53.7 80.5#



#75
Fluoranthene
Concen: 4.57 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF122396.D
Acq: 19 Nov 2020 23:15

Tgt Ion:202 Resp: 178858
Ion Ratio Lower Upper
202 100
101 11.7 0.0 33.4
203 18.1 0.0 37.9

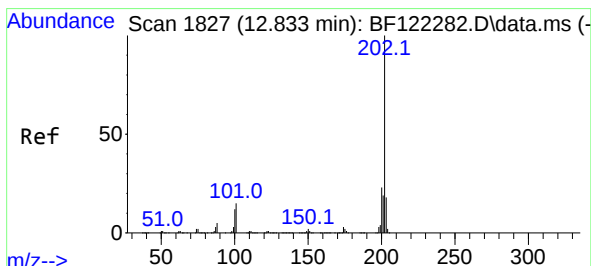
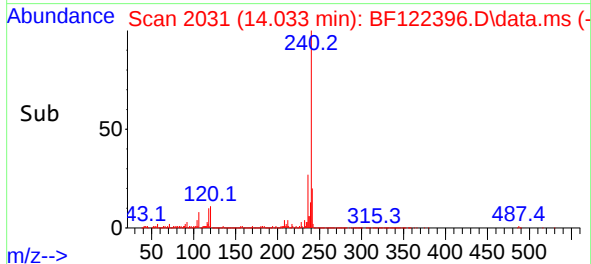
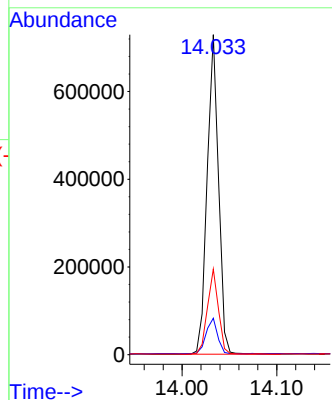
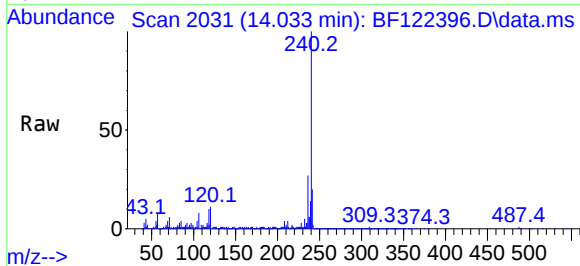




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF122396.D
Acq: 19 Nov 2020 23:15

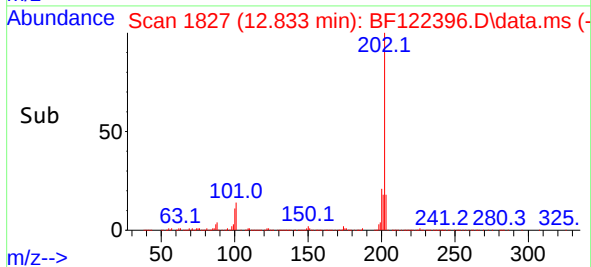
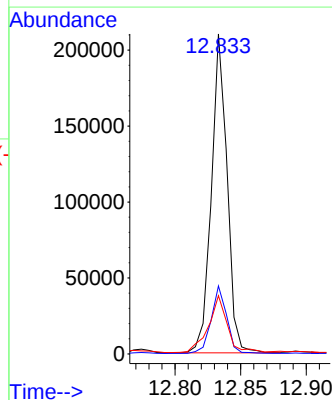
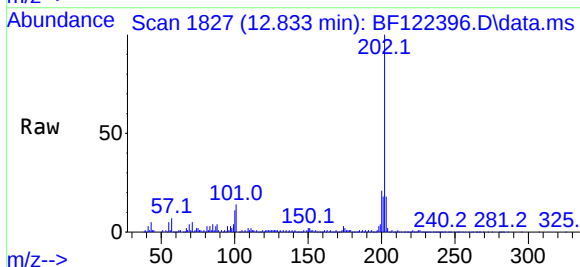
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-064-B

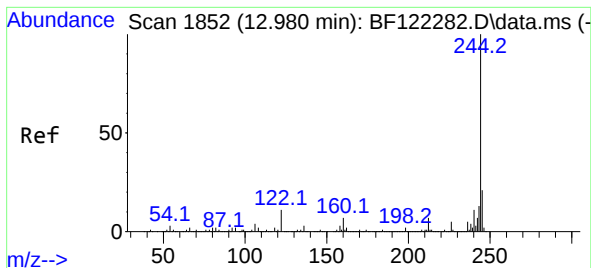
Tgt Ion:240 Resp: 603485
Ion Ratio Lower Upper
240 100
120 11.4 9.2 13.8
236 26.7 20.9 31.3



#78
Pyrene
Concen: 4.14 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BF122396.D
Acq: 19 Nov 2020 23:15

Tgt Ion:202 Resp: 175378
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 18.2 14.6 21.8

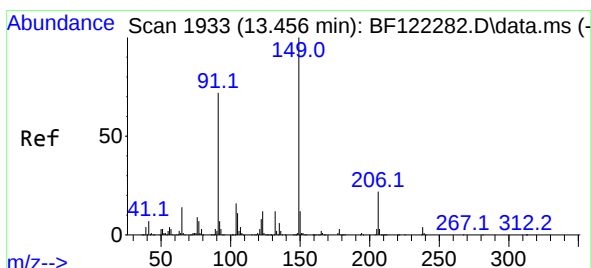
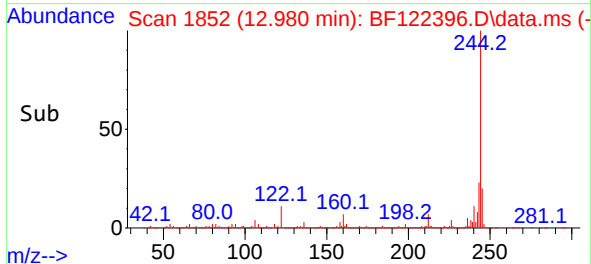
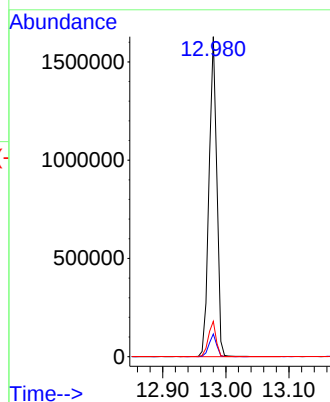
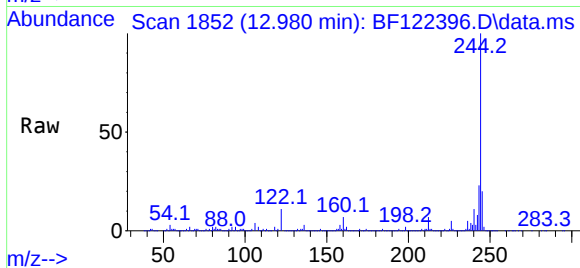




#79
Terphenyl-d14
Concen: 48.90 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF122396.D
Acq: 19 Nov 2020 23:15

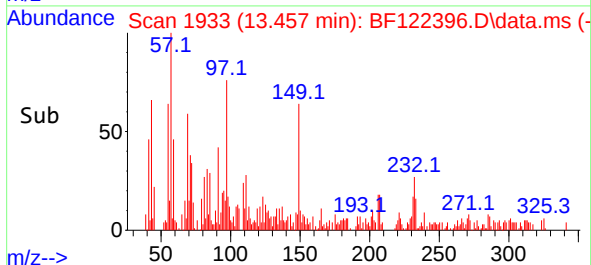
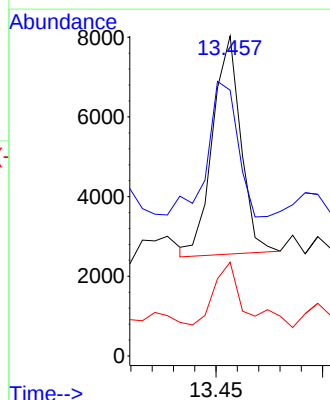
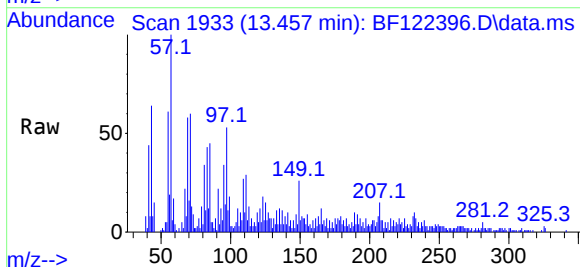
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-064-B

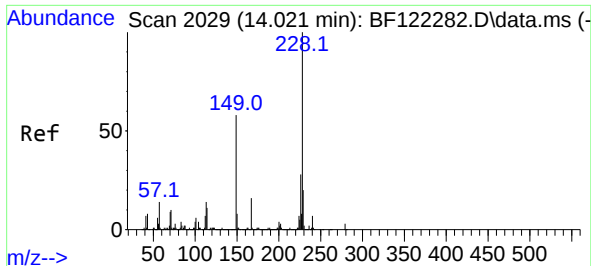
Tgt Ion:244 Resp: 1392941
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 11.0 8.1 12.1



#80
Butylbenzylphthalate
Concen: 3.56 ng
RT: 13.457 min Scan# 1933
Delta R.T. 0.001 min
Lab File: BF122396.D
Acq: 19 Nov 2020 23:15

Tgt Ion:149 Resp: 5031
Ion Ratio Lower Upper
149 100
91 83.1 61.0 91.4
206 29.3 16.7 25.1#

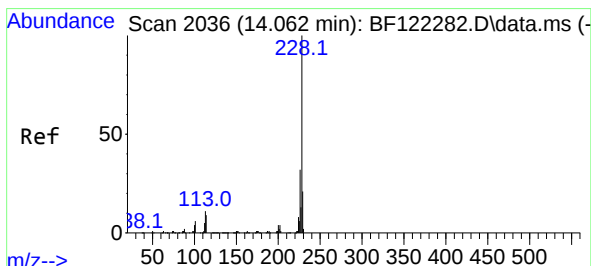
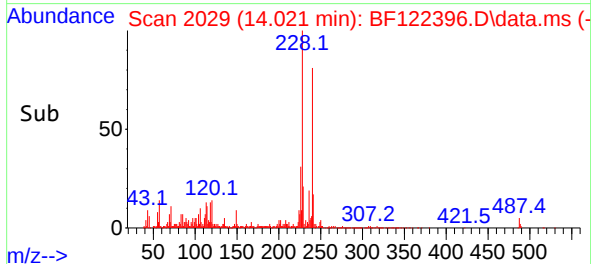
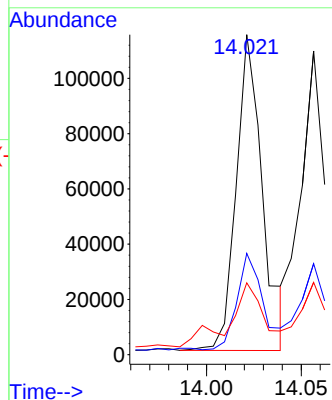
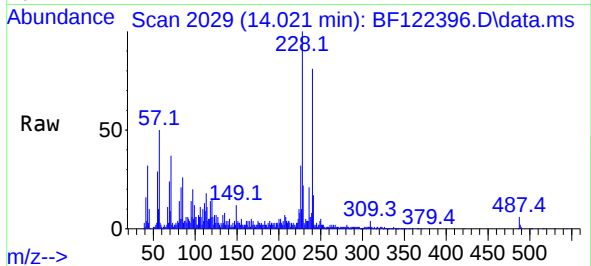




#81
Benzo(a)anthracene
Concen: 2.93 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF122396.D
Acq: 19 Nov 2020 23:15

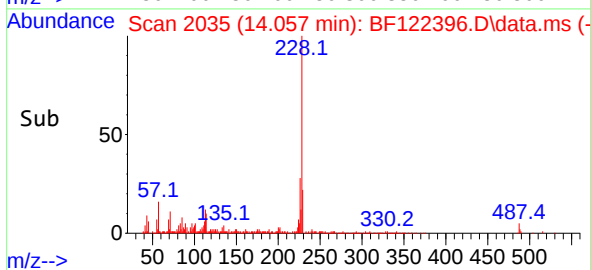
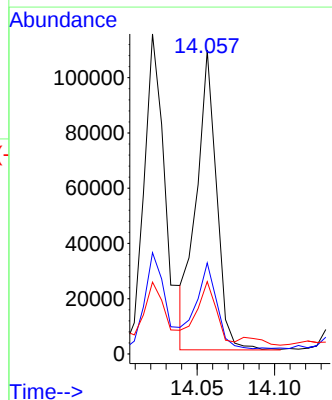
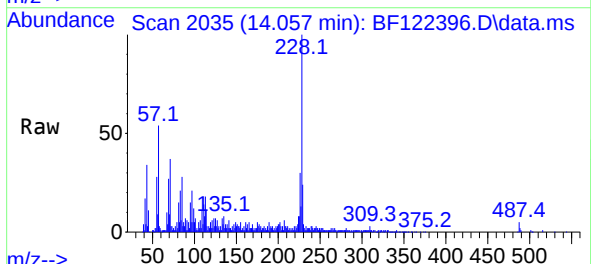
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-064-B

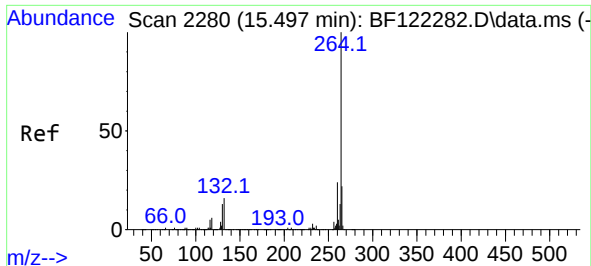
Tgt Ion:	228	Resp:	109953
Ion	Ratio	Lower	Upper
228	100		
226	31.7	22.3	33.5
229	22.4	16.2	24.4



#83
Chrysene
Concen: 2.60 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF122396.D
Acq: 19 Nov 2020 23:15

Tgt Ion:	228	Resp:	98312
Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.6	37.0
229	23.8	15.9	23.9



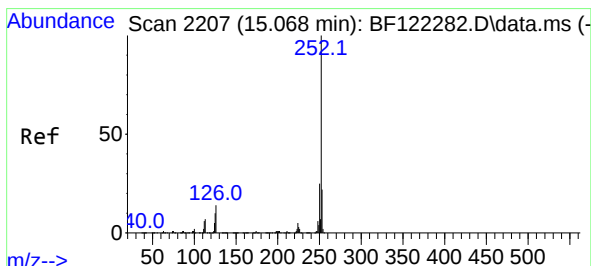
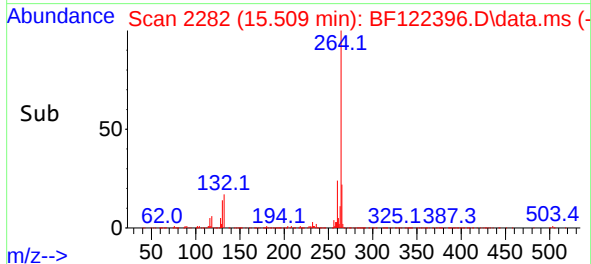
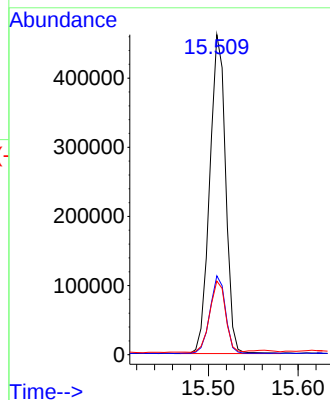
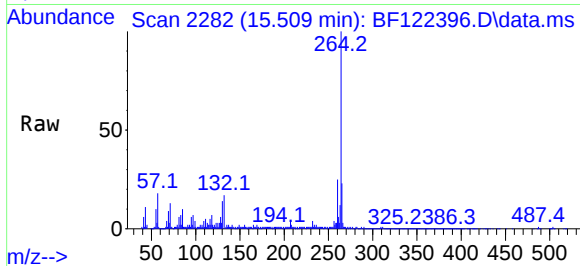


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.509 min Scan# 2282
Delta R.T. 0.012 min
Lab File: BF122396.D
Acq: 19 Nov 2020 23:15

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-064-B

Tgt Ion:264 Resp: 567765

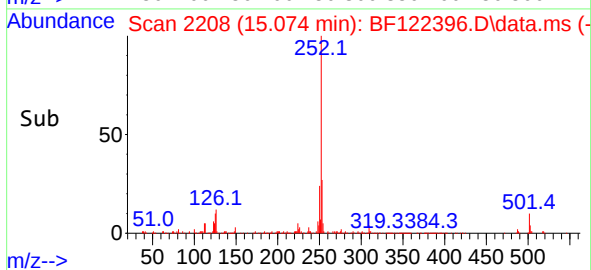
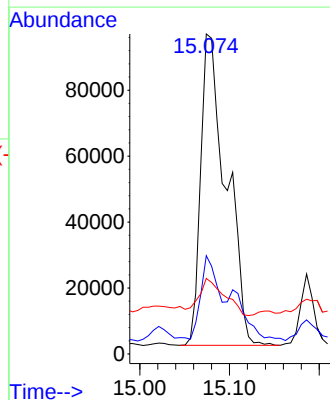
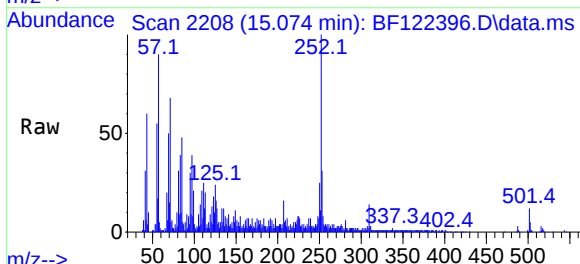
Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.7	28.1
265	23.0	17.3	25.9

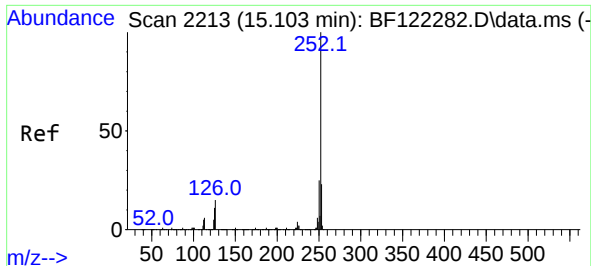


#88
Benzo(b)fluoranthene
Concen: 5.07 ng
RT: 15.074 min Scan# 2208
Delta R.T. 0.006 min
Lab File: BF122396.D
Acq: 19 Nov 2020 23:15

Tgt Ion:252 Resp: 186594

Ion	Ratio	Lower	Upper
252	100		
253	30.7	18.2	27.2#
125	23.6	8.0	12.0#





#89

Benzo(k)fluoranthene

Concen: 5.20 ng

RT: 15.074 min Scan# 2208

Delta R.T. -0.029 min

Lab File: BF122396.D

Acq: 19 Nov 2020 23:15

Instrument :

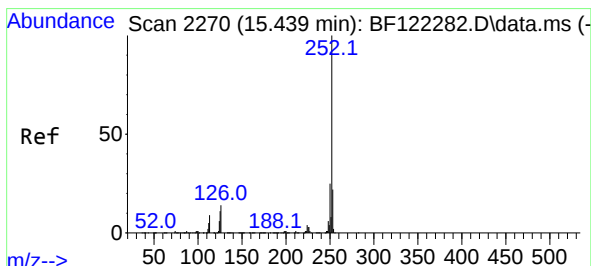
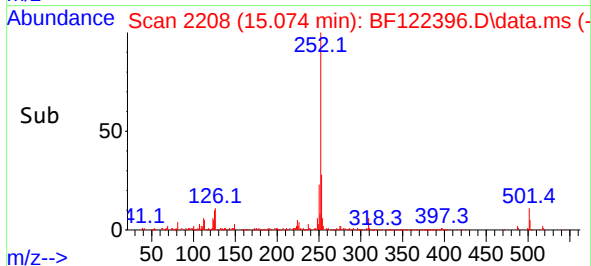
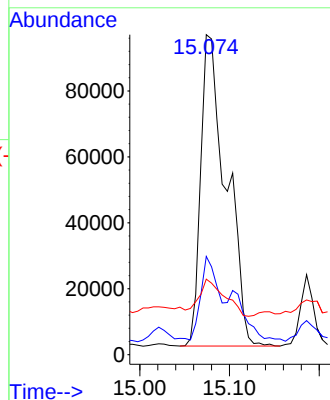
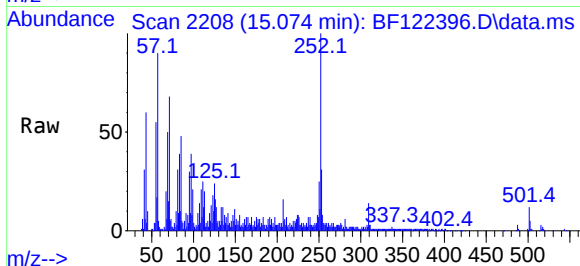
BNA_F

ClientSampleId :

FK-GF-02-064-B

Tgt Ion:252 Resp: 186594

Ion	Ratio	Lower	Upper
252	100		
253	30.7	17.8	26.6#
125	23.6	7.7	11.5#



#90

Benzo(a)pyrene

Concen: 3.14 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.006 min

Lab File: BF122396.D

Acq: 19 Nov 2020 23:15

Tgt Ion:252 Resp: 100623

Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.3	25.9#
125	21.7	8.6	13.0#

