

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111920\
 Data File : BF122392.D
 Acq On : 19 Nov 2020 21:12
 Operator : JU/CG
 Sample : L4802-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Nov 20 00:04:34 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)

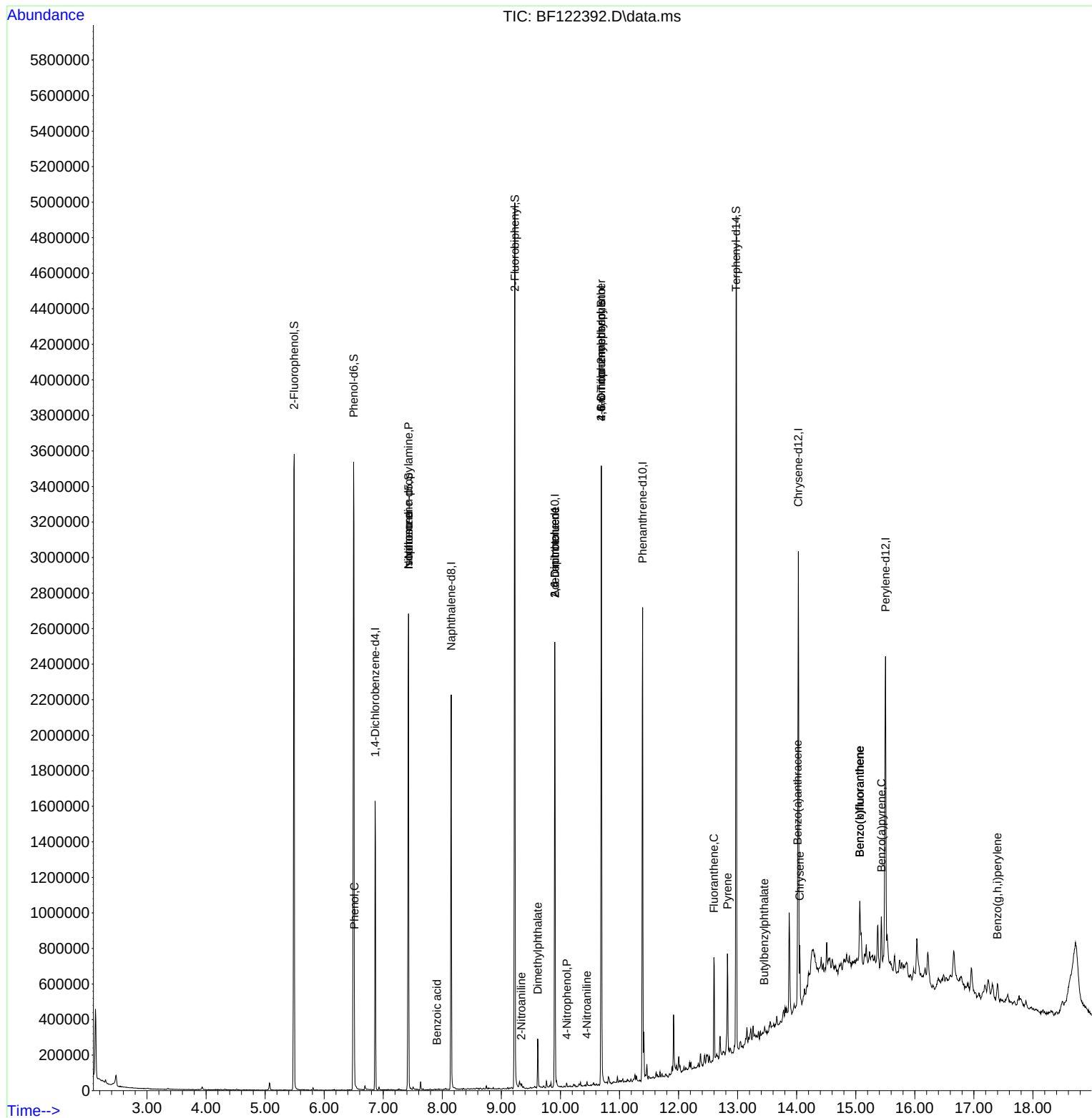
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	237248	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	914907	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	508726	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	935935	20.00	ng	0.00
76) Chrysene-d12	14.027	240	821493	20.00	ng	0.00
86) Perylene-d12	15.504	264	842299	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	1067722	69.10	ng	0.02
7) Phenol-d6	6.498	99	1387414	68.64	ng	0.00
23) Nitrobenzene-d5	7.428	82	847196	56.69	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	434922	79.66	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1522417	46.76	ng	0.00
79) Terphenyl-d14	12.974	244	1561825	40.28	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.410	77	297	Below Cal	#	77
10) Phenol	6.510	94	67378	3.38	ng	82
19) n-Nitroso-di-n-propyla...	7.428	70	112714	9.33	ng	# 72
25) Isophorone	7.428	82	836725	25.11	ng	# 67
32) Benzoic acid	7.910	122	112	7.97	ng	# 1
48) 2-Nitroaniline	9.339	65	746	5.24	ng	# 6
50) Dimethylphthalate	9.616	163	107052	2.96	ng	100
51) 2,6-Dinitrotoluene	9.904	165	67086	11.49	ng	# 21
56) 4-Nitrophenol	10.110	139	1747	5.61	ng	# 33
57) 2,4-Dinitrotoluene	9.904	165	67075	10.68	ng	# 20
62) 4-Nitroaniline	10.445	138	117	3.39	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.692	198	731	6.37	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	27947	2.54	ng	# 1
75) Fluoranthene	12.598	202	237674	4.29	ng	98
78) Pyrene	12.827	202	227376	3.94	ng	97
80) Butylbenzylphthalate	13.451	149	2975	3.41	ng	# 47
81) Benzo(a)anthracene	14.015	228	137719	2.70	ng	96
83) Chrysene	14.051	228	127410	2.48	ng	97
88) Benzo(b)fluoranthene	15.068	252	245347	4.50	ng	# 95
89) Benzo(k)fluoranthene	15.068	252	245347	4.61	ng	# 94
90) Benzo(a)pyrene	15.433	252	136065	2.86	ng	# 96
92) Benzo(g,h,i)perylene	17.398	276	84023	2.04	ng	98

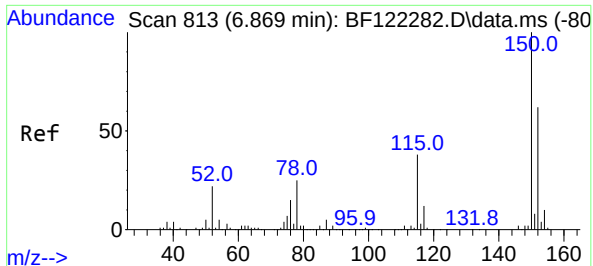
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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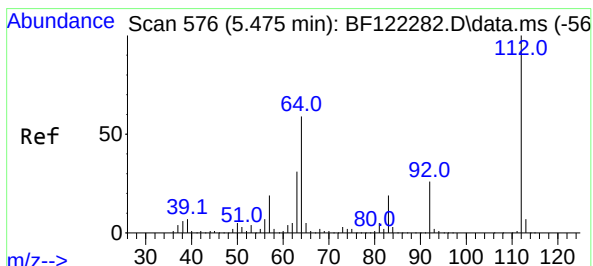
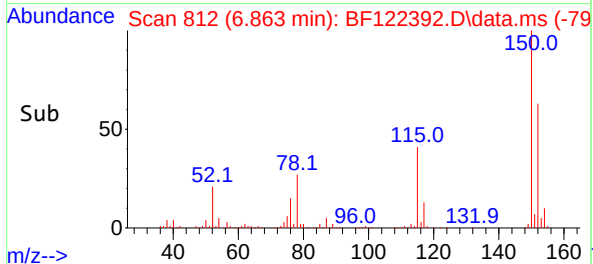
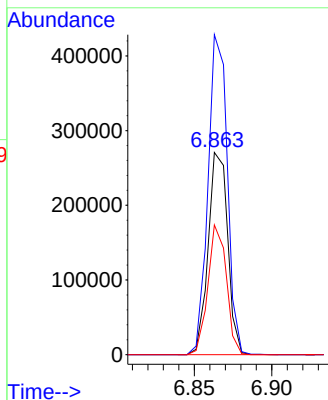
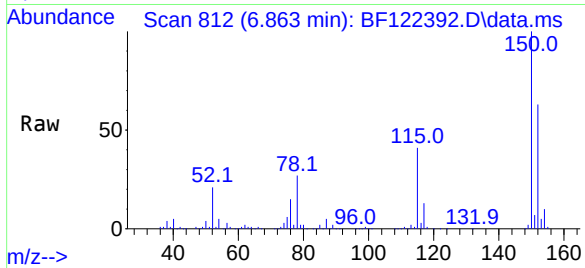




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122392.D
Acq: 19 Nov 2020 21:12

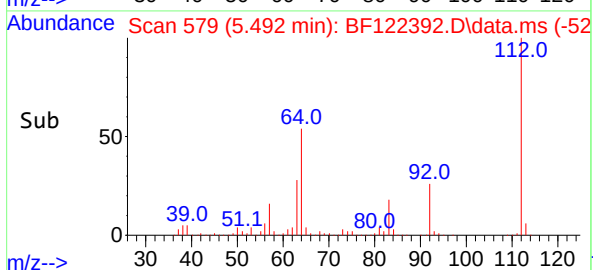
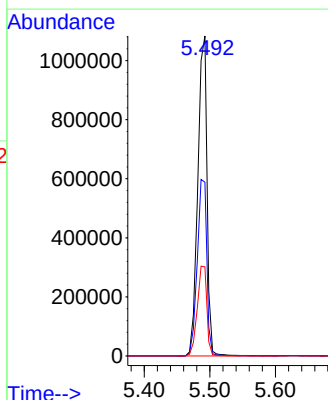
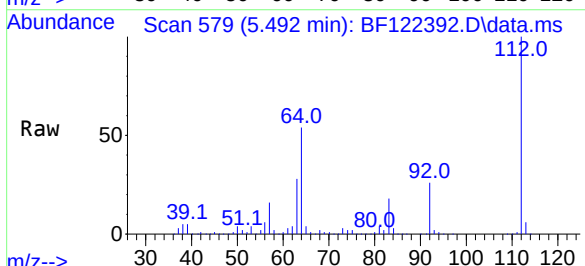
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-064-A

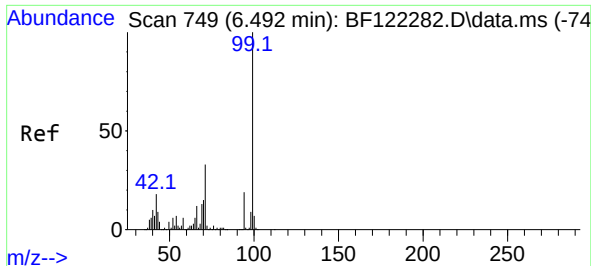
Tgt Ion:152 Resp: 237248
Ion Ratio Lower Upper
152 100
150 158.2 125.3 187.9
115 64.1 51.9 77.9



#5
2-Fluorophenol
Concen: 69.10 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.018 min
Lab File: BF122392.D
Acq: 19 Nov 2020 21:12

Tgt Ion:112 Resp: 1067722
Ion Ratio Lower Upper
112 100
64 54.3 50.4 75.6
63 27.9 25.8 38.6



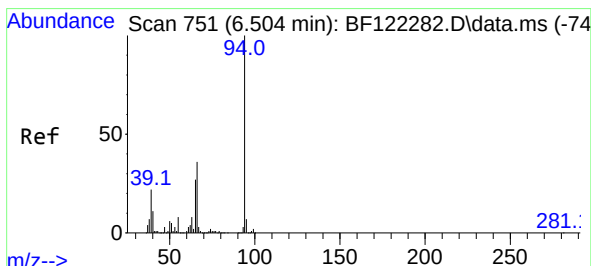
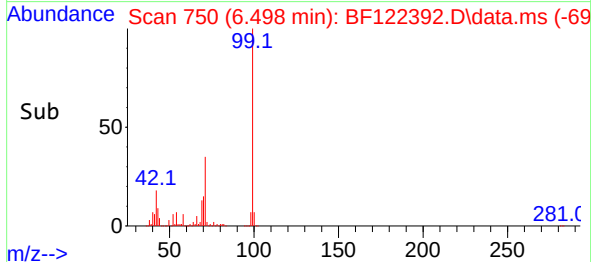
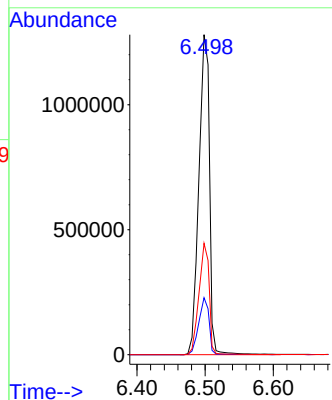
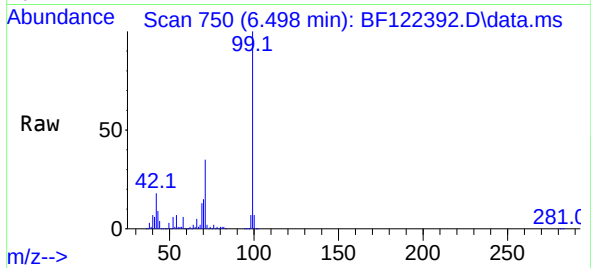


#7
Phenol-d6
Concen: 68.64 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF122392.D
Acq: 19 Nov 2020 21:12

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

Tgt Ion: 99 Resp: 1387414

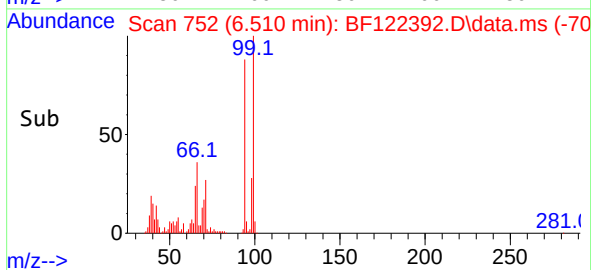
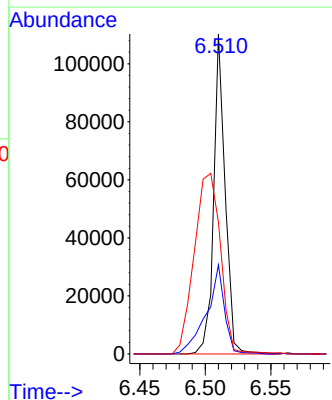
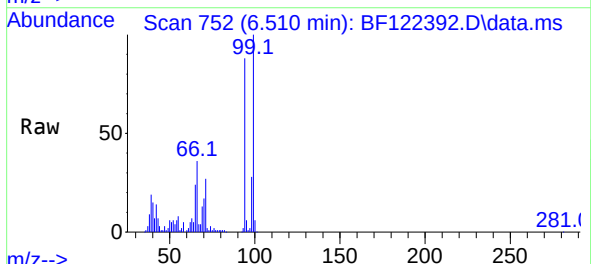
Ion	Ratio	Lower	Upper
99	100		
42	17.8	15.9	23.9
71	34.8	27.1	40.7

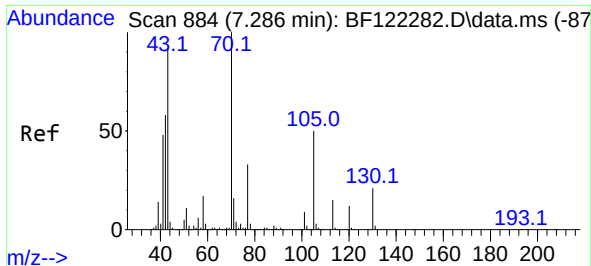


#10
Phenol
Concen: 3.38 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF122392.D
Acq: 19 Nov 2020 21:12

Tgt Ion: 94 Resp: 67378

Ion	Ratio	Lower	Upper
94	100		
65	27.9	17.1	57.1
66	41.2	36.0	76.0



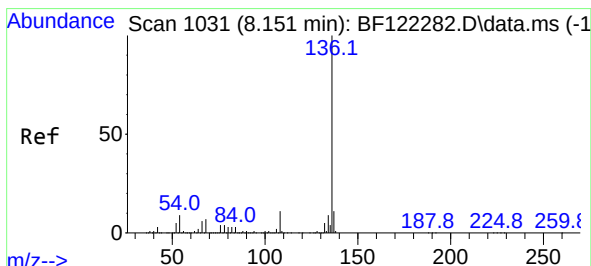
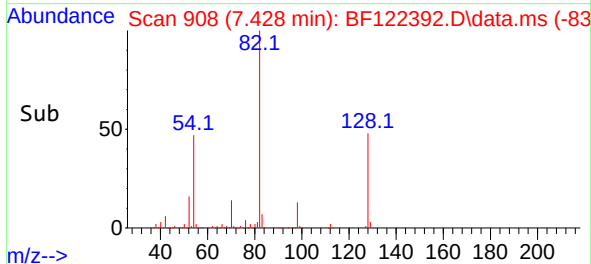
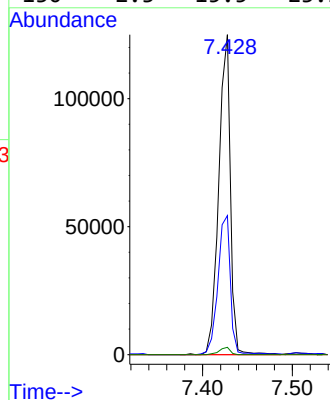
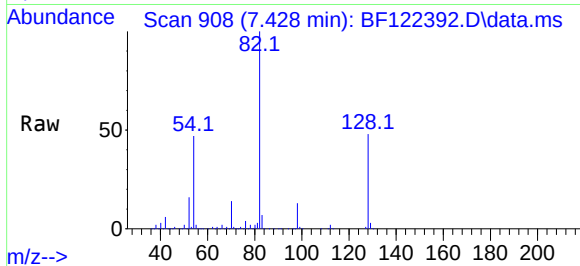


#19
n-Nitroso-di-n-propylamine
Concen: 9.33 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF122392.D
Acq: 19 Nov 2020 21:12

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

Tgt Ion: 70 Resp: 112714

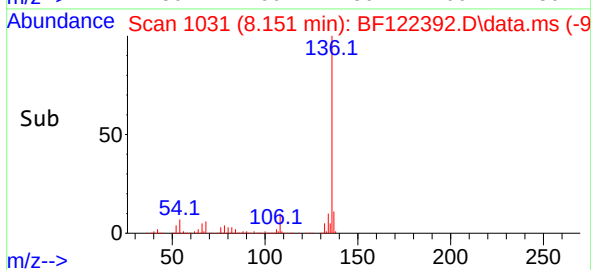
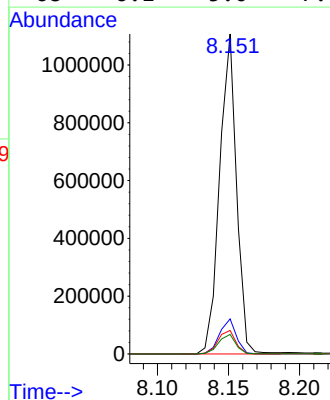
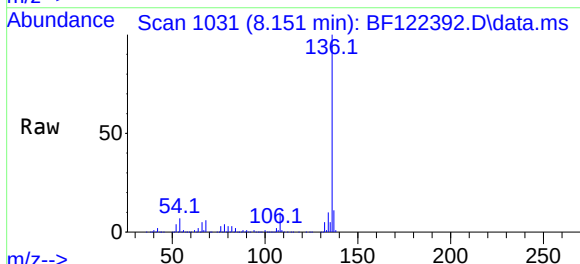
Ion	Ratio	Lower	Upper
70	100		
42	43.5	50.2	75.4#
101	0.0	7.5	11.3#
130	2.3	15.5	23.3#

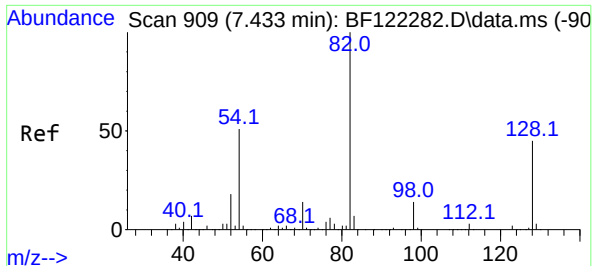


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF122392.D
Acq: 19 Nov 2020 21:12

Tgt Ion: 136 Resp: 914907

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.4	7.1	10.7
68	6.1	5.0	7.4

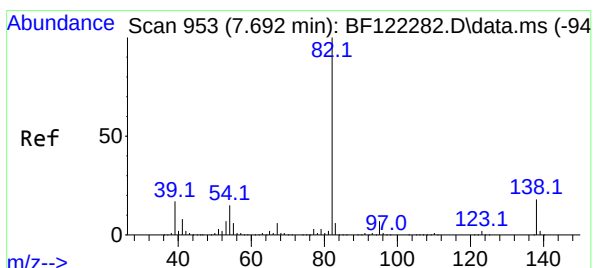
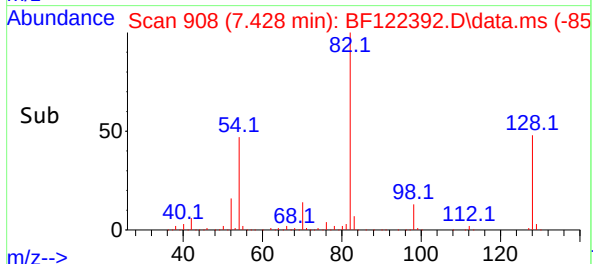
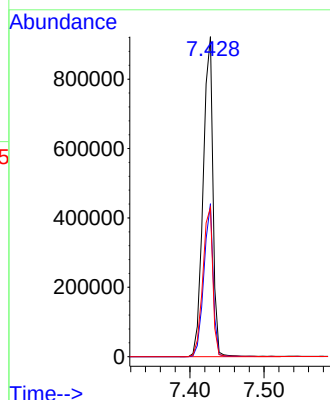
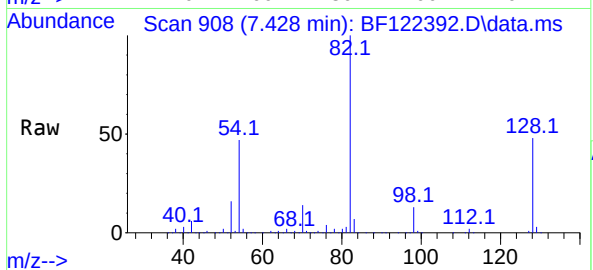




#23
Nitrobenzene-d5
Concen: 56.69 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF122392.D
Acq: 19 Nov 2020 21:12

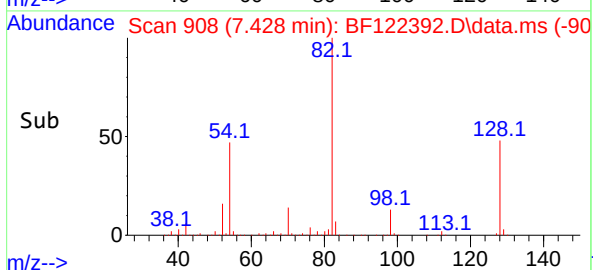
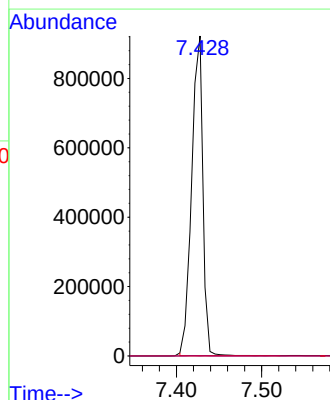
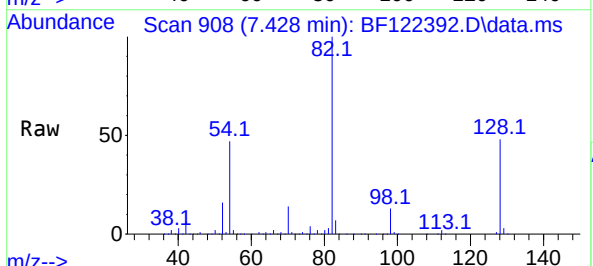
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-064-A

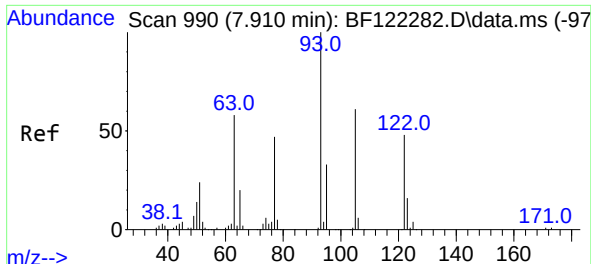
Tgt Ion: 82 Resp: 847196
Ion Ratio Lower Upper
82 100
128 47.8 35.0 52.4
54 46.6 43.9 65.9



#25
Isophorone
Concen: 25.11 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.264 min
Lab File: BF122392.D
Acq: 19 Nov 2020 21:12

Tgt Ion: 82 Resp: 836725
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#

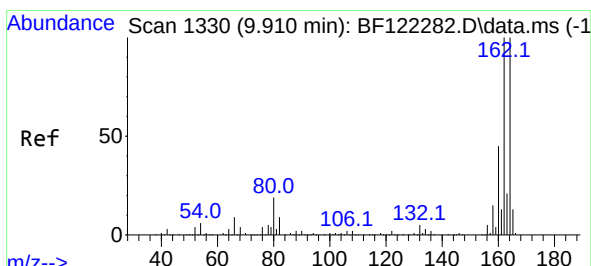
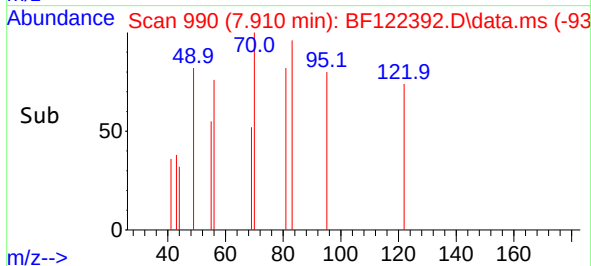
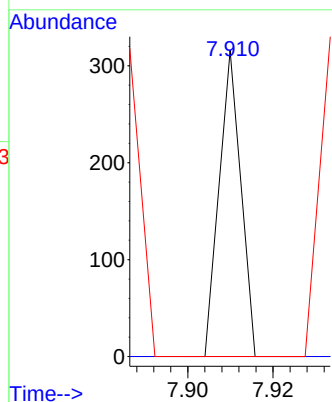
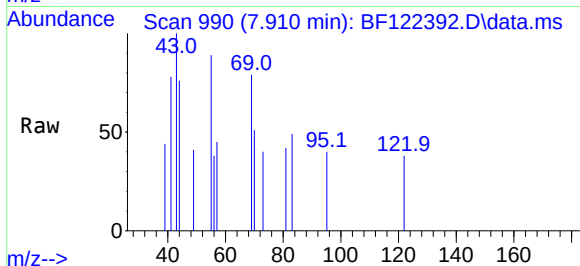




#32
Benzoic acid
Concen: 7.97 ng
RT: 7.910 min Scan# 990
Delta R.T. -0.000 min
Lab File: BF122392.D
Acq: 19 Nov 2020 21:12

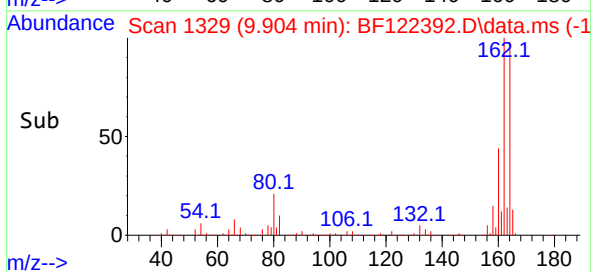
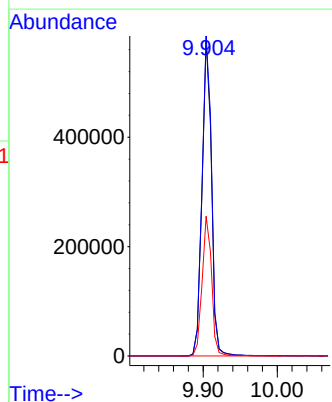
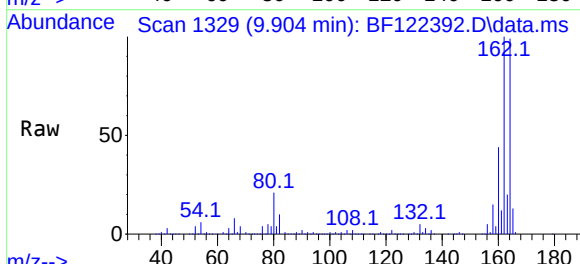
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ClientSampleId :
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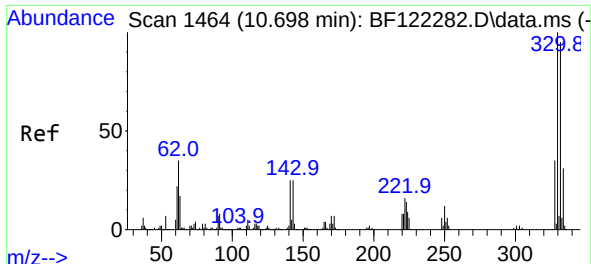
Tgt Ion:122 Resp: 112
Ion Ratio Lower Upper
122 100
105 0.0 103.3 143.3#
77 0.0 73.9 113.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF122392.D
Acq: 19 Nov 2020 21:12

Tgt Ion:164 Resp: 508726
Ion Ratio Lower Upper
164 100
162 101.2 83.2 124.8
160 44.2 37.5 56.3

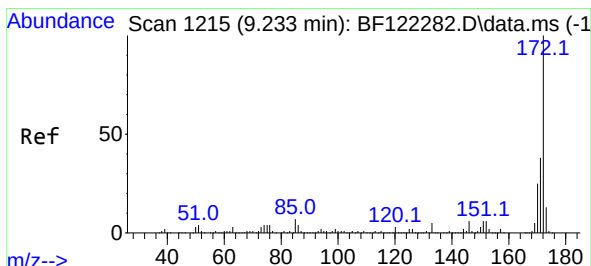
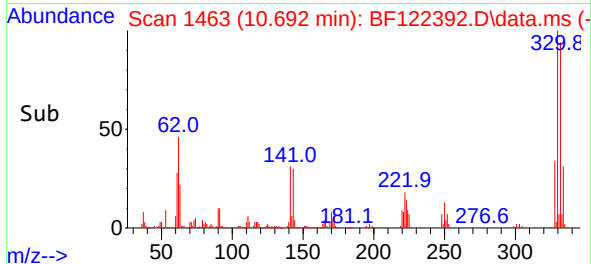
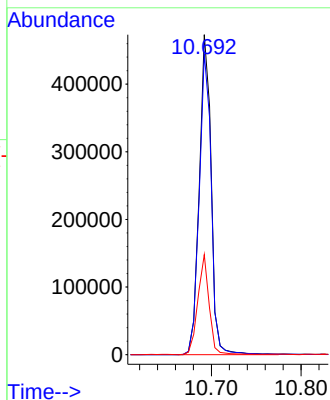
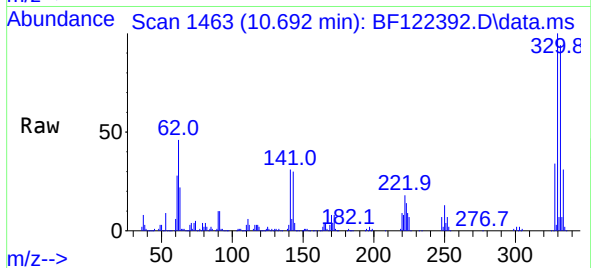




#42
2,4,6-Tribromophenol
Concen: 79.66 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF122392.D
Acq: 19 Nov 2020 21:12

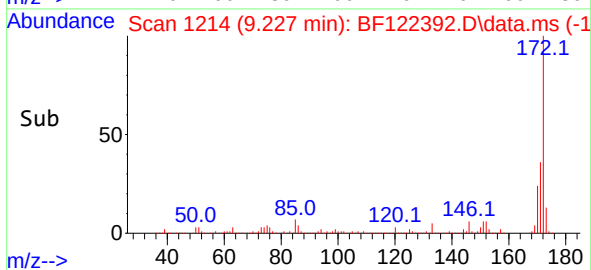
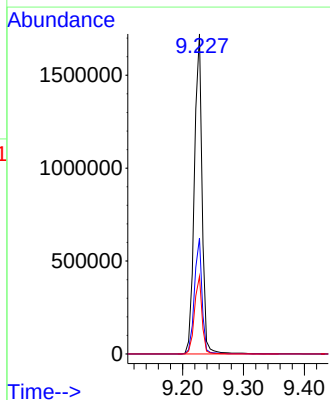
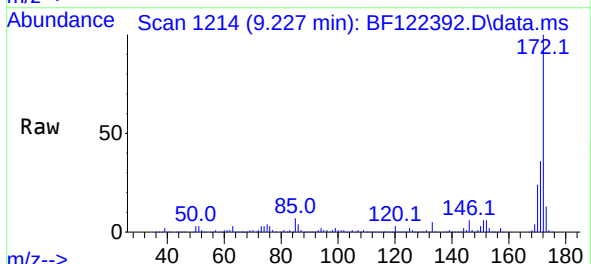
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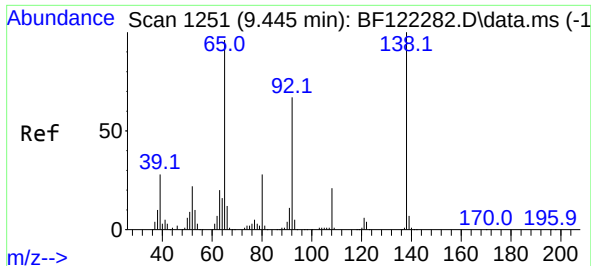
Tgt Ion:330 Resp: 434922
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 29.9 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 46.76 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122392.D
Acq: 19 Nov 2020 21:12

Tgt Ion:172 Resp: 1522417
Ion Ratio Lower Upper
172 100
171 36.2 29.1 43.7
170 24.2 19.8 29.6

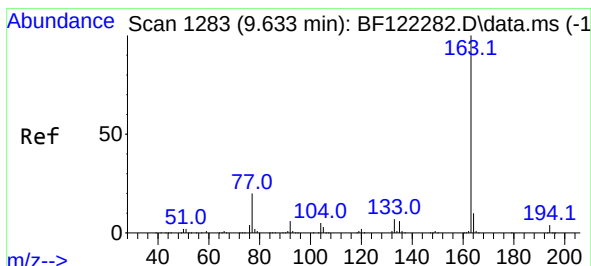
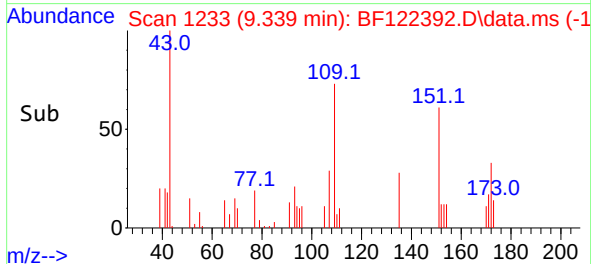
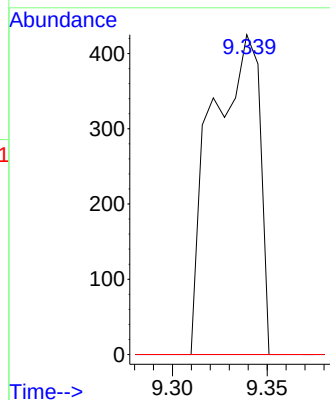
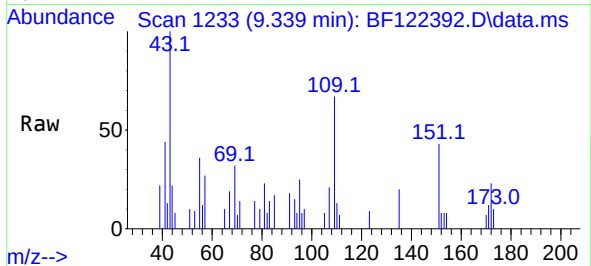




#48
2-Nitroaniline
Concen: 5.24 ng
RT: 9.339 min Scan# 1233
Delta R.T. -0.106 min
Lab File: BF122392.D
Acq: 19 Nov 2020 21:12

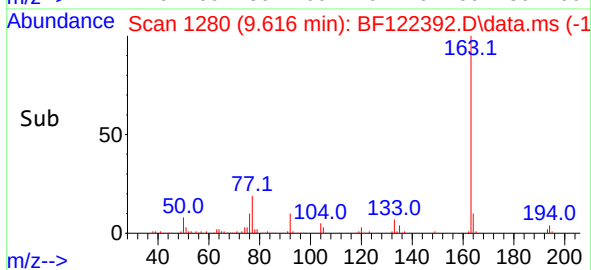
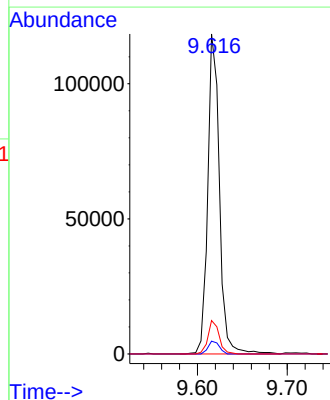
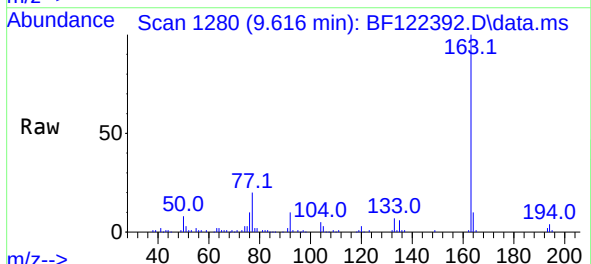
Instrument :
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FK-GF-02-064-A

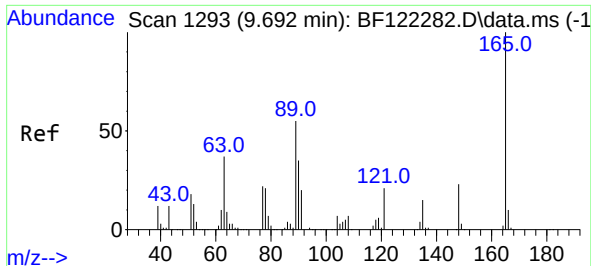
Tgt Ion: 65 Resp: 746
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#



#50
Dimethylphthalate
Concen: 2.96 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.017 min
Lab File: BF122392.D
Acq: 19 Nov 2020 21:12

Tgt Ion: 163 Resp: 107052
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.5 8.2 12.4

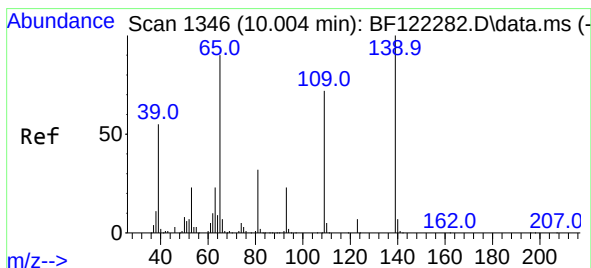
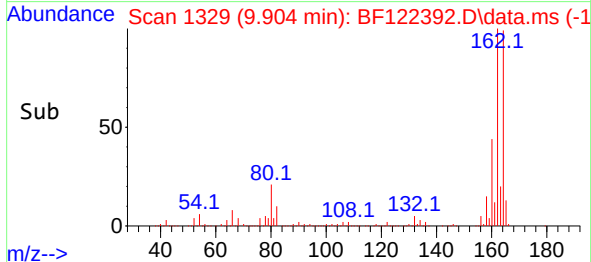
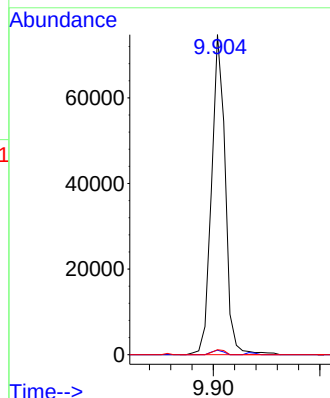
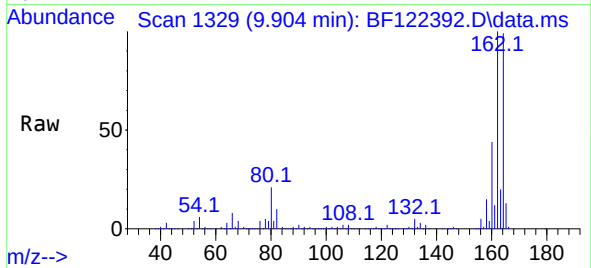




#51
2,6-Dinitrotoluene
Concen: 11.49 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.212 min
Lab File: BF122392.D
Acq: 19 Nov 2020 21:12

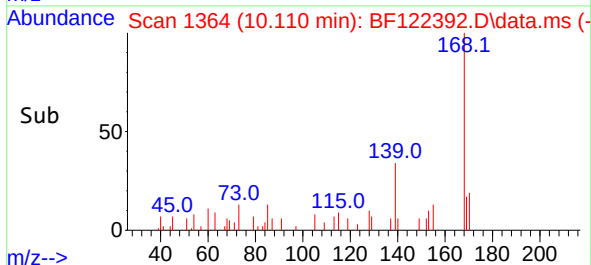
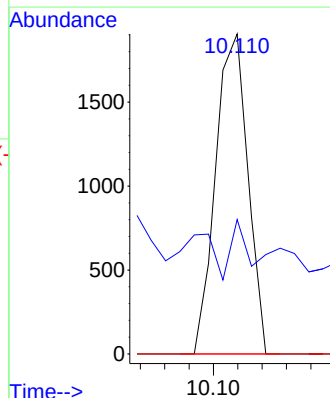
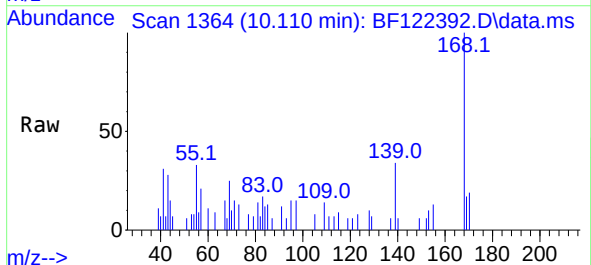
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-064-A

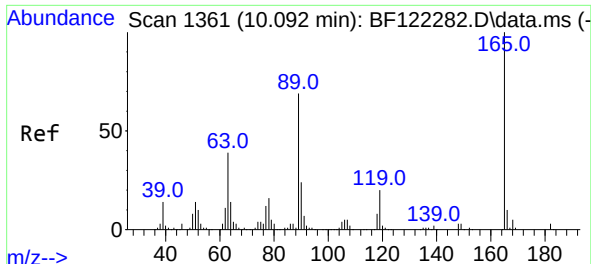
Tgt Ion:165 Resp: 67086
Ion Ratio Lower Upper
165 100
63 1.4 51.8 77.6#
89 1.6 49.0 73.6#



#56
4-Nitrophenol
Concen: 5.61 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.106 min
Lab File: BF122392.D
Acq: 19 Nov 2020 21:12

Tgt Ion:139 Resp: 1747
Ion Ratio Lower Upper
139 100
109 42.0 45.4 85.4#
65 0.0 68.4 108.4#

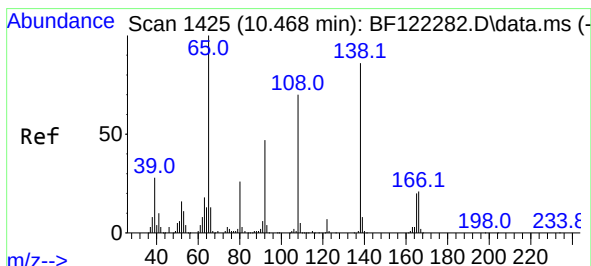
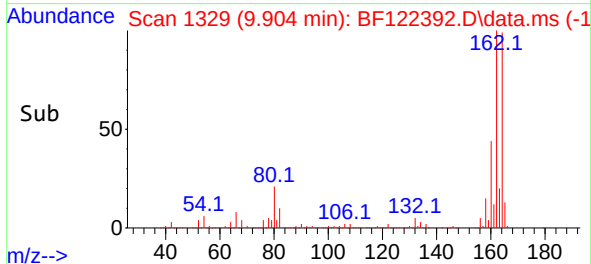
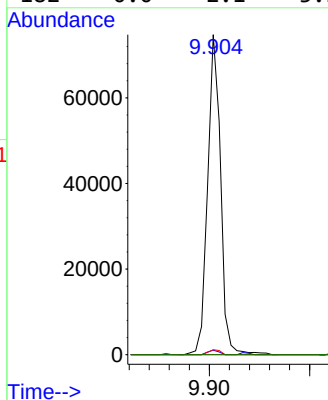
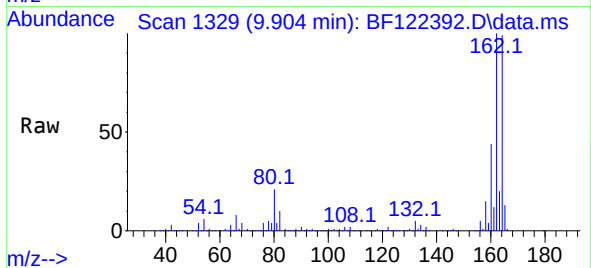




#57
2,4-Dinitrotoluene
Concen: 10.68 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF122392.D
Acq: 19 Nov 2020 21:12

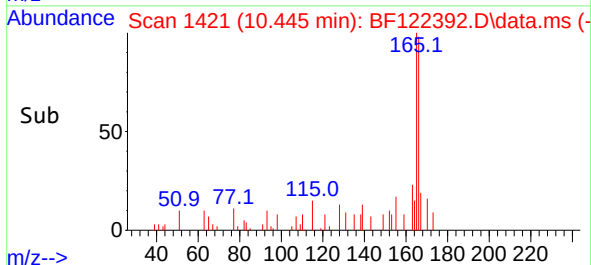
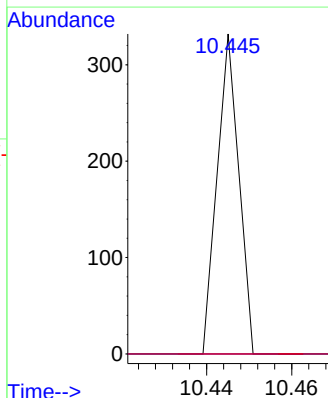
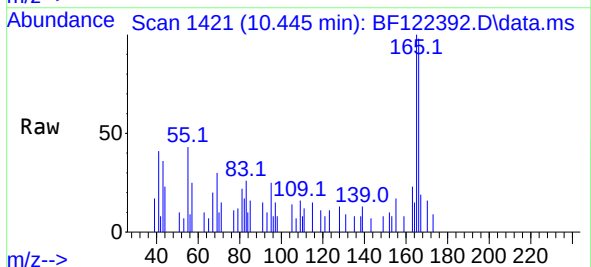
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-064-A

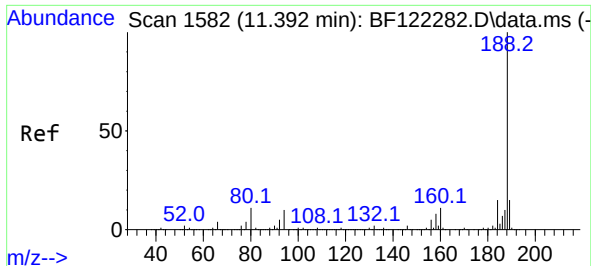
Tgt Ion:165	Resp:	67075
Ion Ratio	Lower	Upper
165	100	
63	1.4	41.3 61.9#
89	1.6	61.8 92.8#
182	0.0	2.1 3.1#



#62
4-Nitroaniline
Concen: 3.39 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.023 min
Lab File: BF122392.D
Acq: 19 Nov 2020 21:12

Tgt Ion:138	Resp:	117
Ion Ratio	Lower	Upper
138	100	
92	0.0	31.0 71.0#
108	0.0	51.5 91.5#



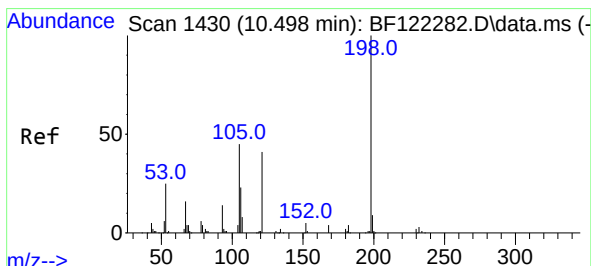
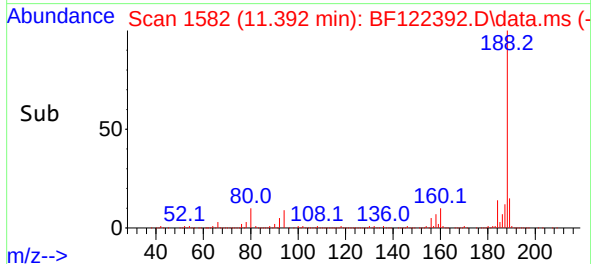
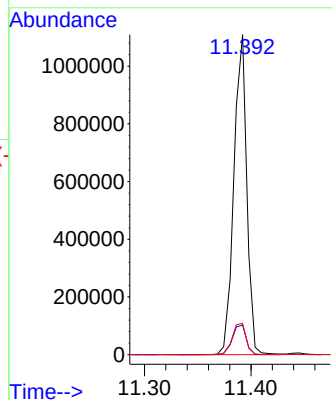
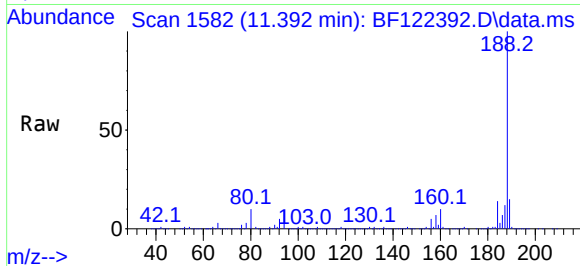


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF122392.D
Acq: 19 Nov 2020 21:12

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

Tgt Ion:188 Resp: 935935

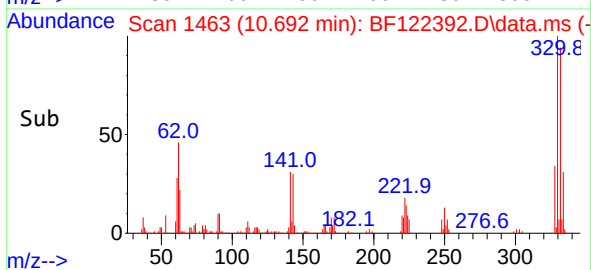
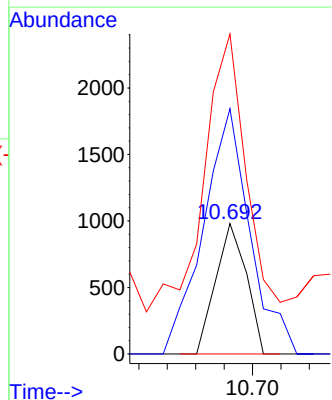
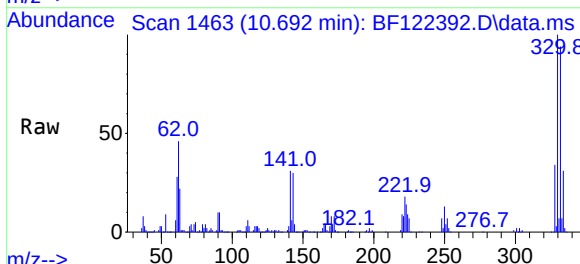
Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.3	12.5
80	9.8	9.1	13.7

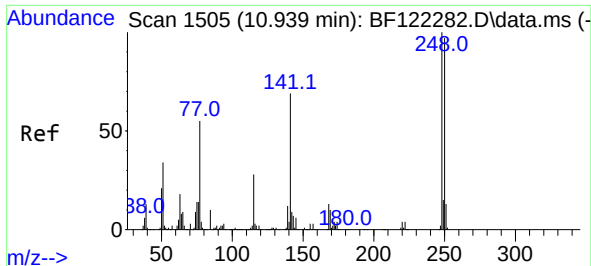


#65
4,6-Dinitro-2-methylphenol
Concen: 6.37 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.194 min
Lab File: BF122392.D
Acq: 19 Nov 2020 21:12

Tgt Ion:198 Resp: 731

Ion	Ratio	Lower	Upper
198	100		
51	188.0	29.6	69.6#
105	245.3	24.4	64.4#

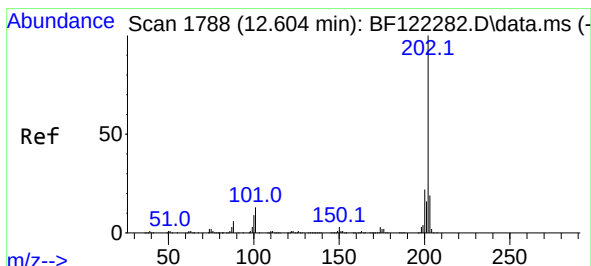
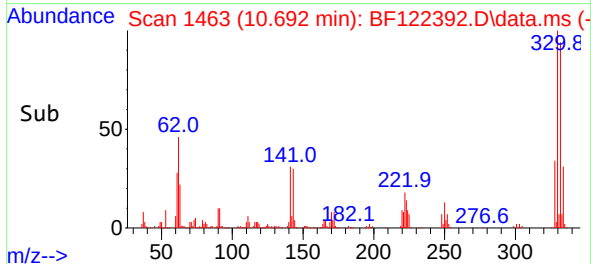
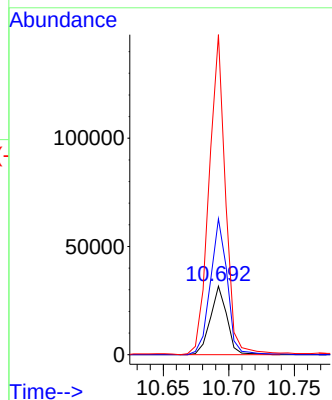
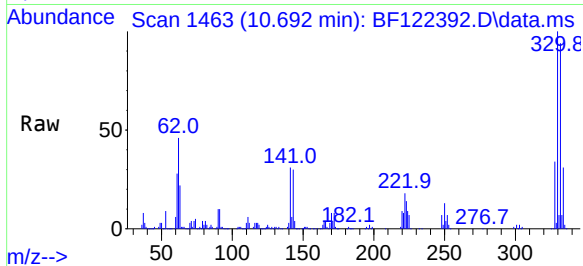




#67
4-Bromophenyl-phenylether
Concen: 2.54 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF122392.D
Acq: 19 Nov 2020 21:12

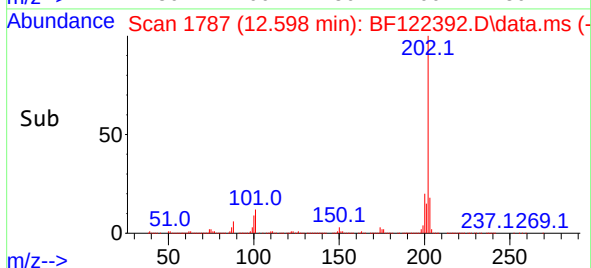
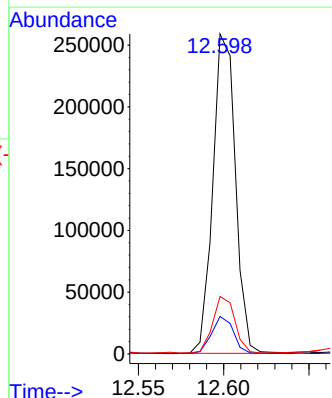
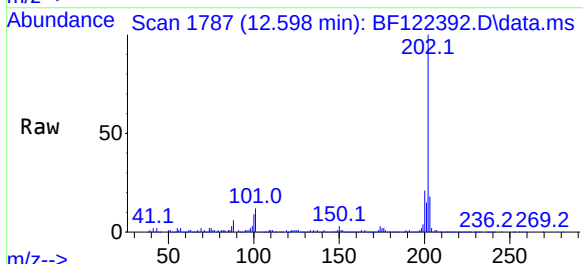
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-064-A

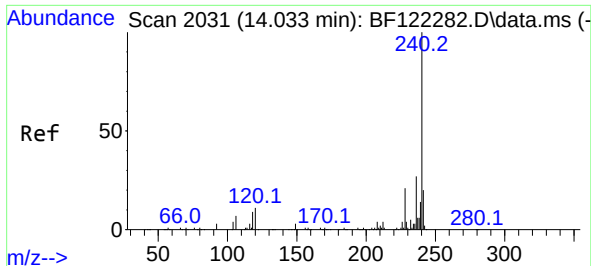
Tgt Ion:248 Resp: 27947
Ion Ratio Lower Upper
248 100
250 198.4 77.0 115.6#
141 467.5 53.7 80.5#



#75
Fluoranthene
Concen: 4.29 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF122392.D
Acq: 19 Nov 2020 21:12

Tgt Ion:202 Resp: 237674
Ion Ratio Lower Upper
202 100
101 11.7 0.0 33.4
203 18.0 0.0 37.9



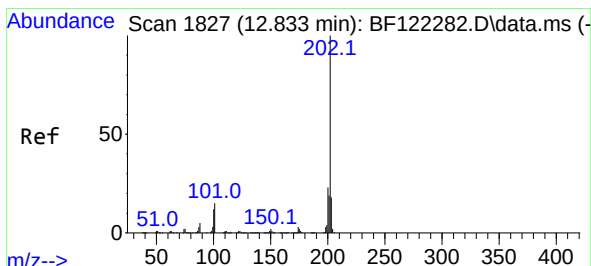
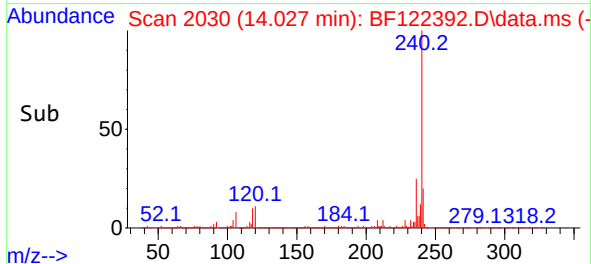
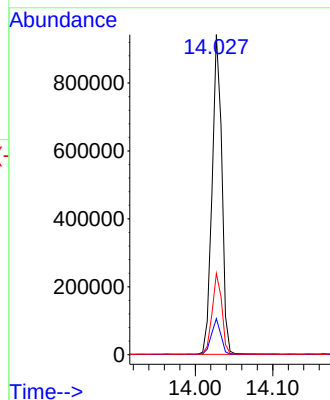
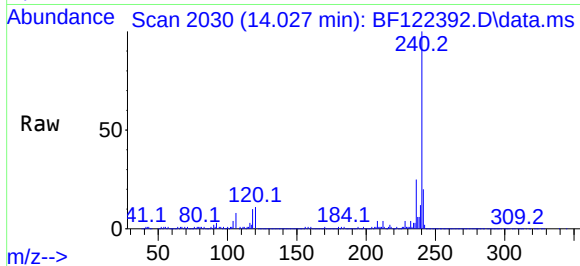


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122392.D
Acq: 19 Nov 2020 21:12

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

Tgt Ion:240 Resp: 821493

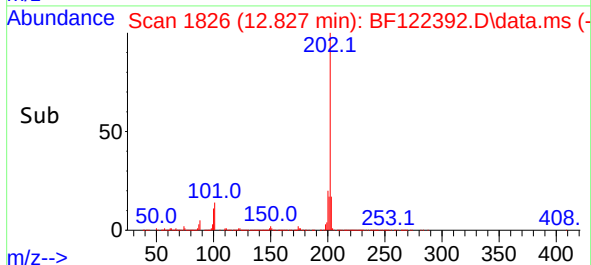
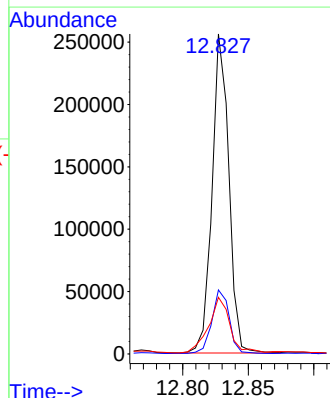
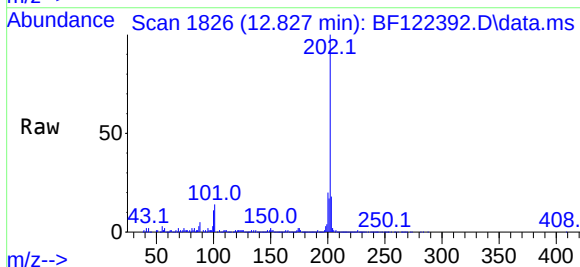
Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.2	13.8
236	25.4	20.9	31.3

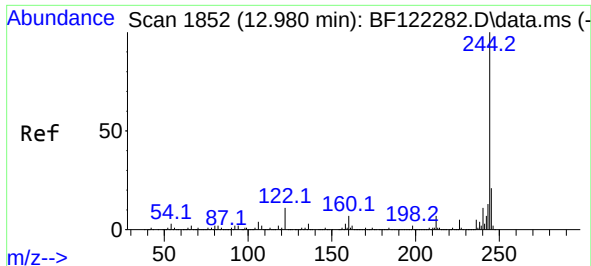


#78
Pyrene
Concen: 3.94 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF122392.D
Acq: 19 Nov 2020 21:12

Tgt Ion:202 Resp: 227376

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.4	26.2
203	17.7	14.6	21.8

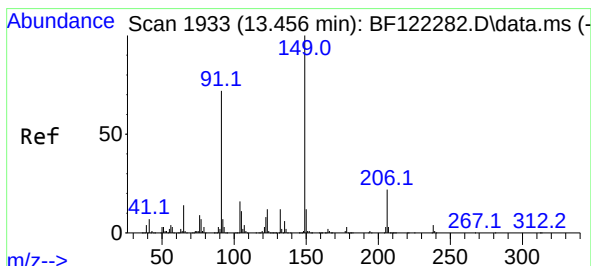
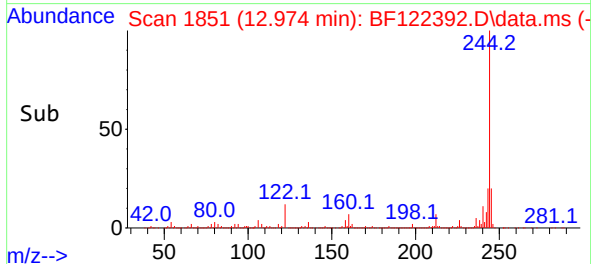
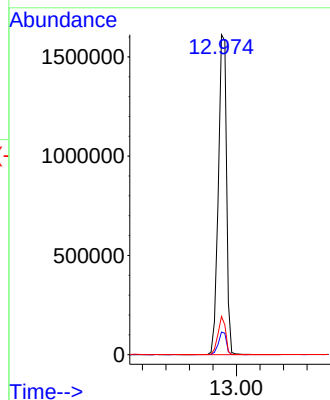
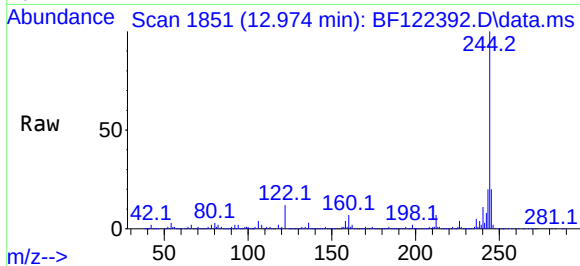




#79
Terphenyl-d14
Concen: 40.28 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF122392.D
Acq: 19 Nov 2020 21:12

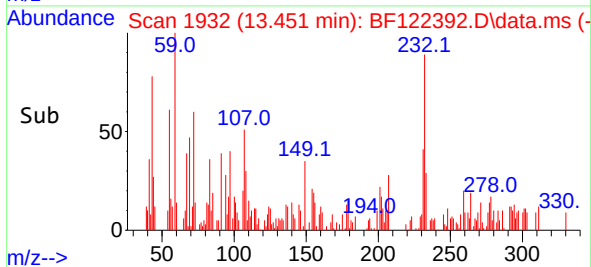
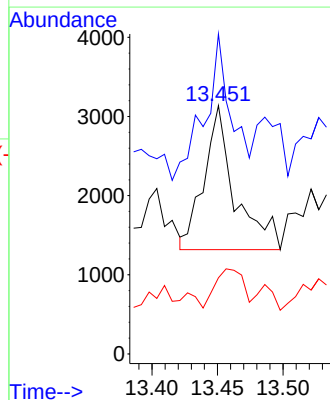
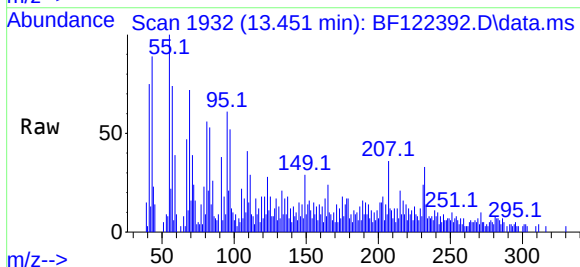
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-064-A

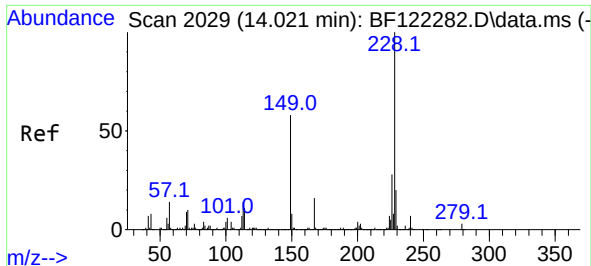
Tgt Ion:244 Resp: 1561825
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 12.0 8.1 12.1



#80
Butylbenzylphthalate
Concen: 3.41 ng
RT: 13.451 min Scan# 1932
Delta R.T. -0.005 min
Lab File: BF122392.D
Acq: 19 Nov 2020 21:12

Tgt Ion:149 Resp: 2975
Ion Ratio Lower Upper
149 100
91 128.9 61.0 91.4#
206 30.7 16.7 25.1#

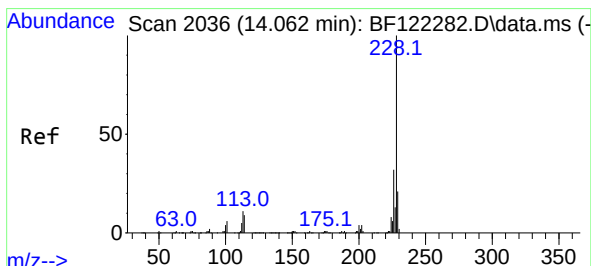
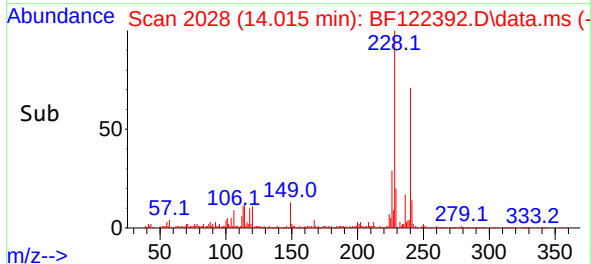
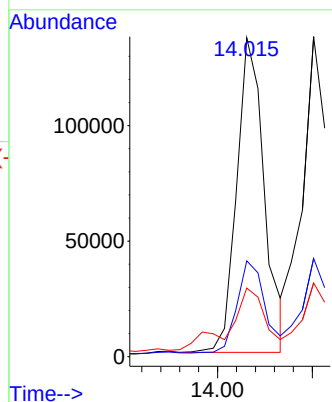
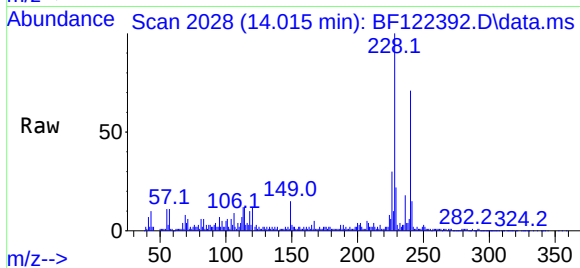




#81
Benzo(a)anthracene
Concen: 2.70 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF122392.D
Acq: 19 Nov 2020 21:12

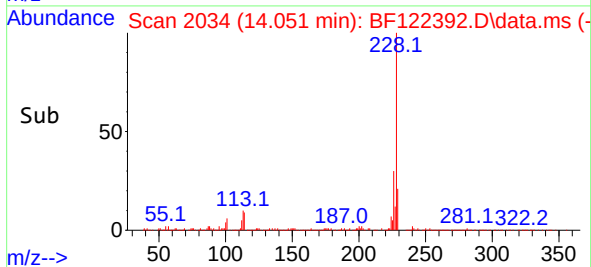
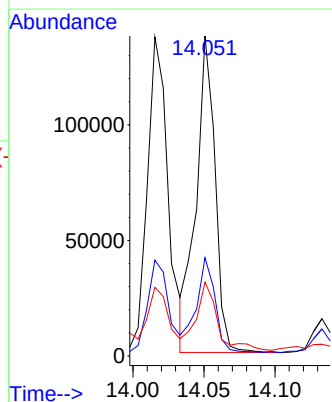
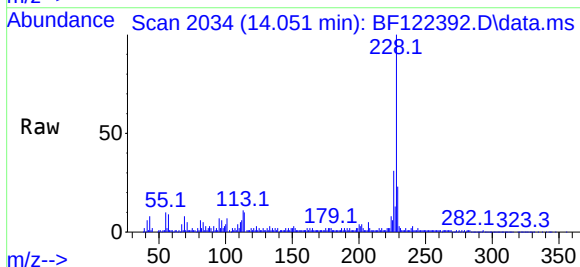
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-064-A

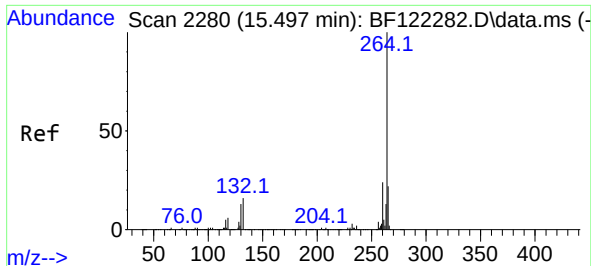
Tgt Ion:228 Resp: 137719
Ion Ratio Lower Upper
228 100
226 30.1 22.3 33.5
229 21.5 16.2 24.4



#83
Chrysene
Concen: 2.48 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF122392.D
Acq: 19 Nov 2020 21:12

Tgt Ion:228 Resp: 127410
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 23.1 15.9 23.9

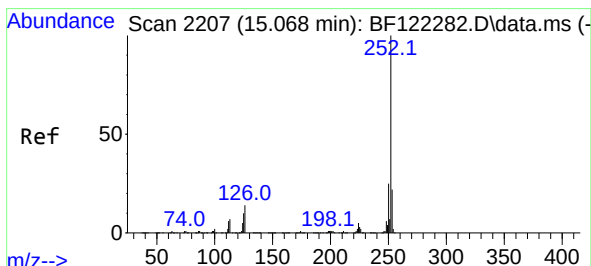
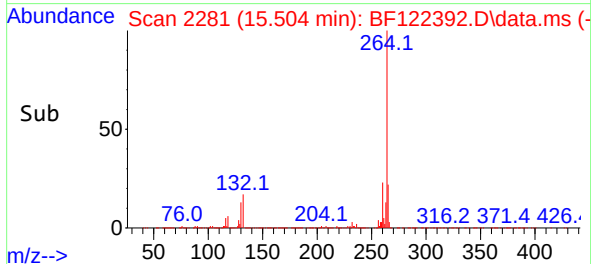
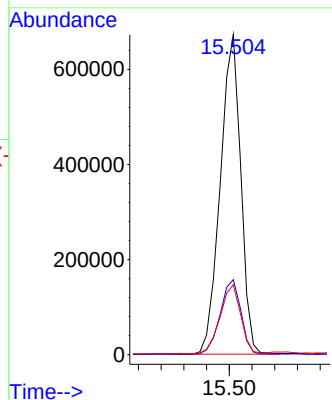
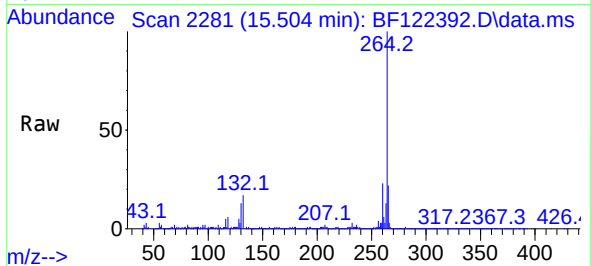




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.504 min Scan# 2281
Delta R.T. 0.006 min
Lab File: BF122392.D
Acq: 19 Nov 2020 21:12

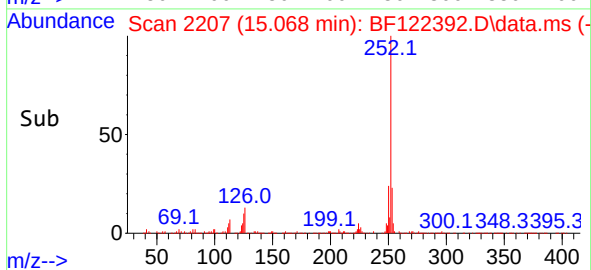
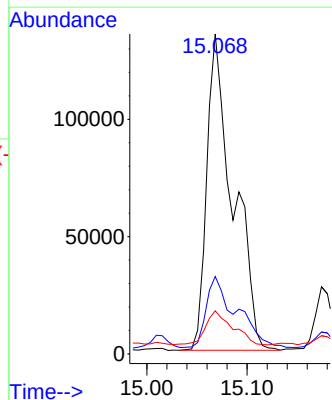
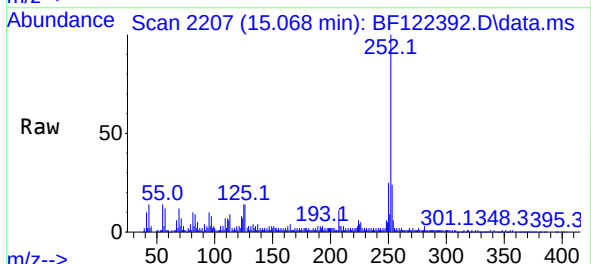
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-064-A

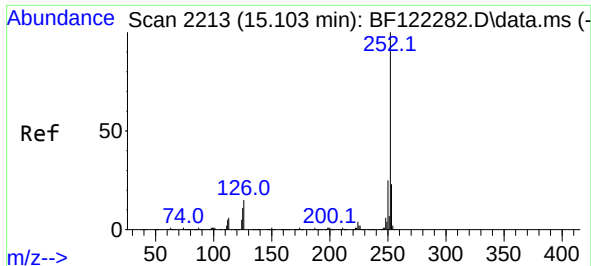
Tgt Ion:264 Resp: 842299
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 21.9 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 4.50 ng
RT: 15.068 min Scan# 2207
Delta R.T. 0.000 min
Lab File: BF122392.D
Acq: 19 Nov 2020 21:12

Tgt Ion:252 Resp: 245347
Ion Ratio Lower Upper
252 100
253 24.2 18.2 27.2
125 13.5 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 4.61 ng

RT: 15.068 min Scan# 2207

Delta R.T. -0.035 min

Lab File: BF122392.D

Acq: 19 Nov 2020 21:12

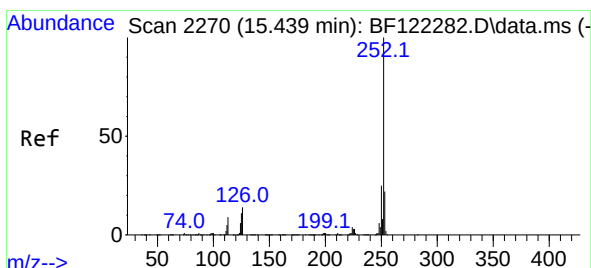
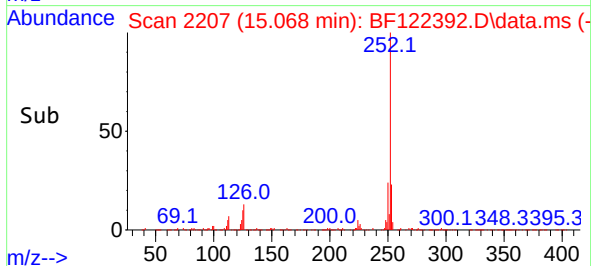
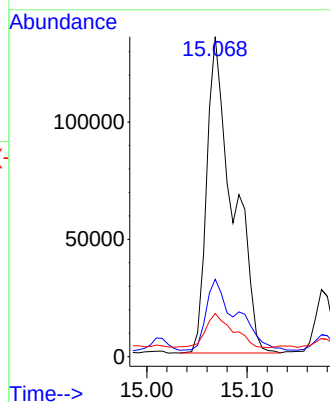
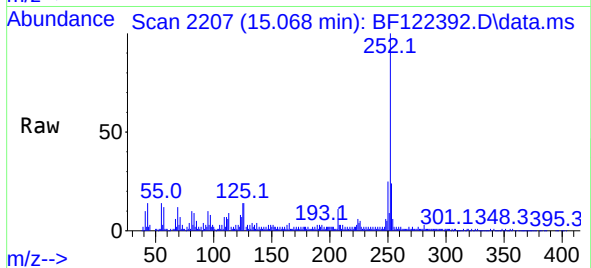
Tgt Ion:252	Resp:	245347
Ion Ratio	Lower	Upper
252	100	
253	24.2	17.8 26.6
125	13.5	7.7 11.5#

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-064-A



#90

Benzo(a)pyrene

Concen: 2.86 ng

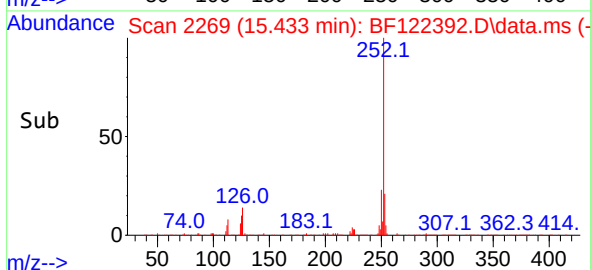
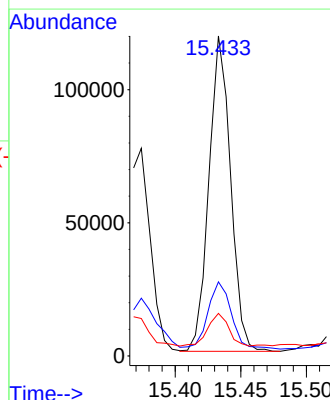
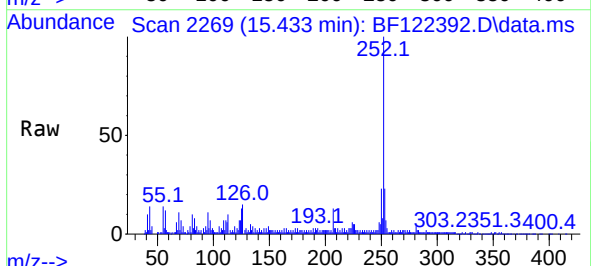
RT: 15.433 min Scan# 2269

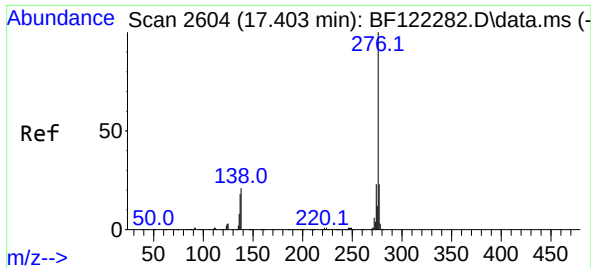
Delta R.T. -0.006 min

Lab File: BF122392.D

Acq: 19 Nov 2020 21:12

Tgt Ion:252	Resp:	136065
Ion Ratio	Lower	Upper
252	100	
253	23.2	17.3 25.9
125	13.3	8.6 13.0#





#92
Benzo(g,h,i)perylene
Concen: 2.04 ng
RT: 17.398 min Scan# 2603
Delta R.T. -0.006 min
Lab File: BF122392.D
Acq: 19 Nov 2020 21:12

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

Tgt Ion:	276	Resp:	84023
Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.4	29.2
138	23.0	17.8	26.6

