

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111920\
 Data File : BF122380.D
 Acq On : 19 Nov 2020 15:00
 Operator : JU/CG
 Sample : L4803-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C5-D5-C5A-D5A

Quant Time: Nov 19 16:15:21 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)

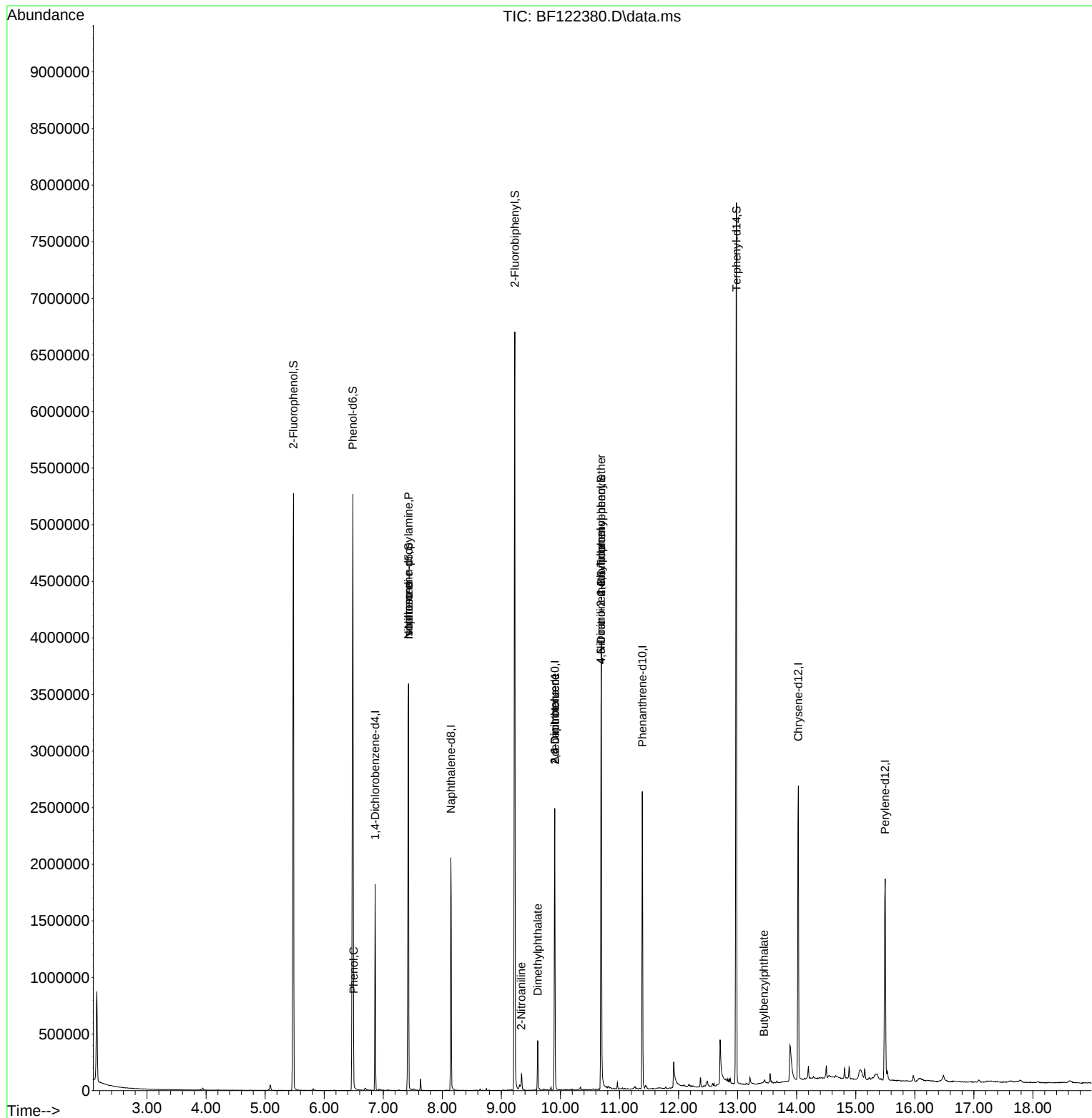
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	238822	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	918051	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	501727	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	941746	20.00	ng	0.00
76) Chrysene-d12	14.027	240	900912	20.00	ng	0.00
86) Perylene-d12	15.498	264	880236	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1601825	102.99	ng	0.00
7) Phenol-d6	6.487	99	2033230	99.93	ng	0.00
23) Nitrobenzene-d5	7.428	82	1261780	84.14	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	542722	100.79	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	2271924	70.75	ng	0.00
79) Terphenyl-d14	12.980	244	2623735	61.70	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.410	77	221	Below Cal	#	74
10) Phenol	6.498	94	103433	5.16 ng	#	73
19) n-Nitroso-di-n-propyla...	7.428	70	169445	13.94 ng	#	74
25) Isophorone	7.428	82	1251646	37.44 ng	#	67
48) 2-Nitroaniline	9.339	65	2266	5.38 ng	#	6
50) Dimethylphthalate	9.616	163	170836	4.79 ng	#	100
51) 2,6-Dinitrotoluene	9.904	165	65432	11.40 ng	#	21
57) 2,4-Dinitrotoluene	9.904	165	65432	10.62 ng	#	20
62) 4-Nitroaniline	10.686	138	112	3.39 ng	#	1
65) 4,6-Dinitro-2-methylph...	10.686	198	1095	6.48 ng	#	1
67) 4-Bromophenyl-phenylether	10.692	248	34925	3.16 ng	#	1
80) Butylbenzylphthalate	13.445	149	1139	3.33 ng	#	84

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

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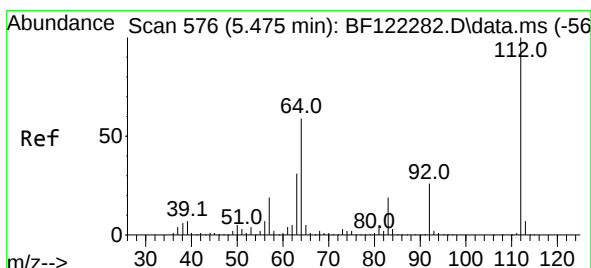
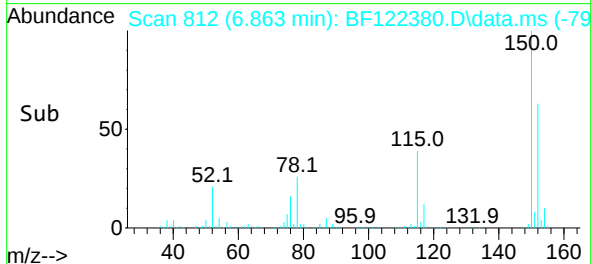
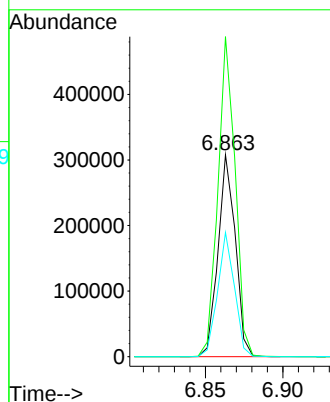
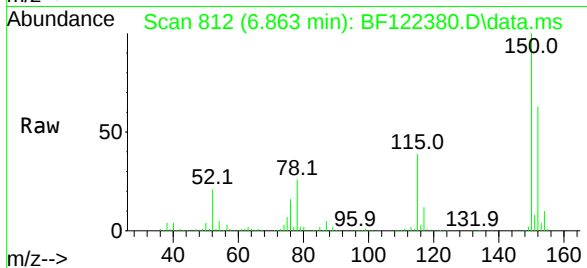




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122380.D
Acq: 19 Nov 2020 15:00

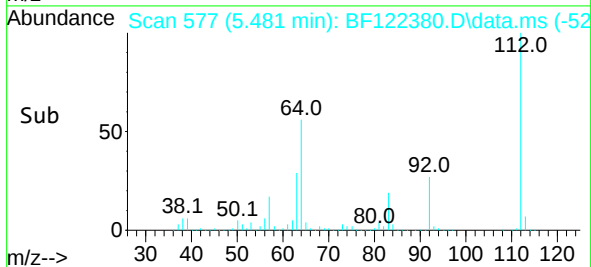
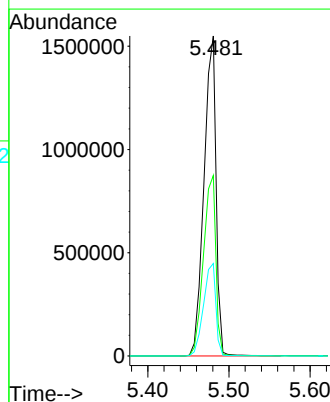
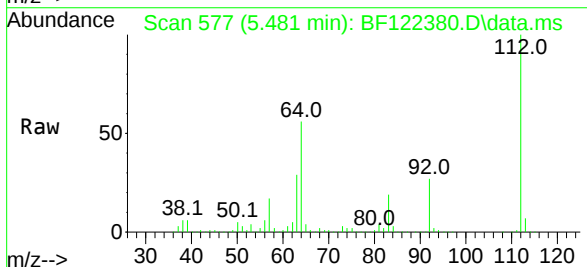
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C5-D5-C5A-D5A

Tgt Ion:152 Resp: 238822
Ion Ratio Lower Upper
152 100
150 158.5 125.3 187.9
115 61.5 51.9 77.9



#5
2-Fluorophenol
Concen: 102.99 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.006 min
Lab File: BF122380.D
Acq: 19 Nov 2020 15:00

Tgt Ion:112 Resp: 1601825
Ion Ratio Lower Upper
112 100
64 56.4 50.4 75.6
63 28.9 25.8 38.6

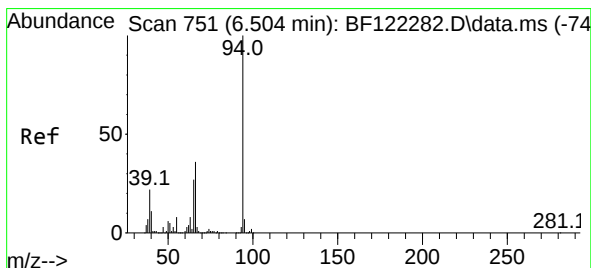
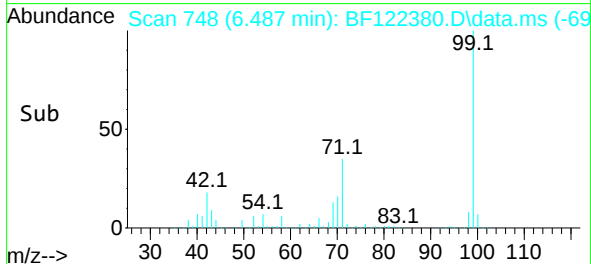
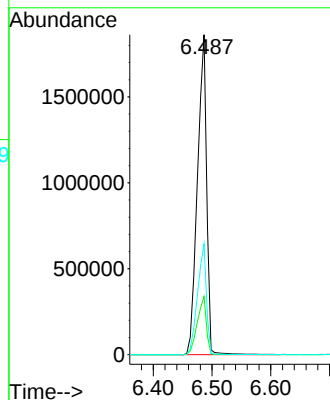
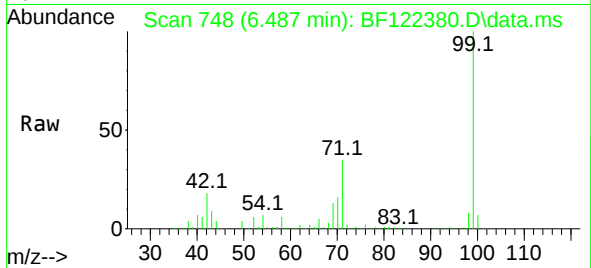




#7
Phenol-d6
Concen: 99.93 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF122380.D
Acq: 19 Nov 2020 15:00

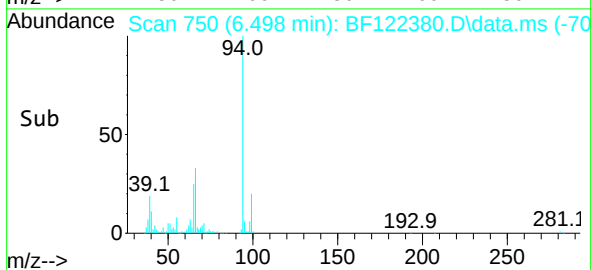
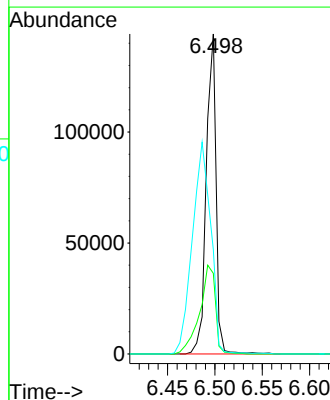
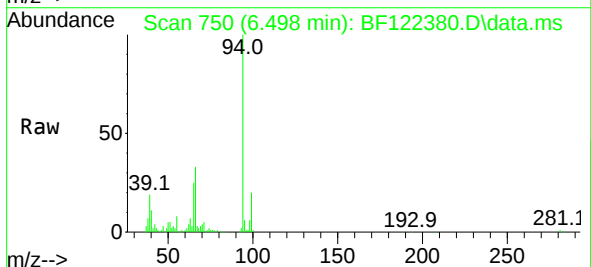
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C5-D5-C5A-D5A

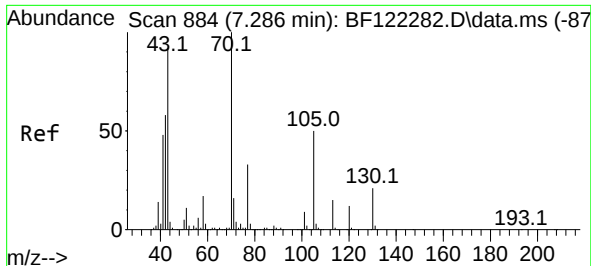
Tgt Ion: 99 Resp: 2033230
Ion Ratio Lower Upper
99 100
42 18.2 15.9 23.9
71 34.6 27.1 40.7



#10
Phenol
Concen: 5.16 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF122380.D
Acq: 19 Nov 2020 15:00

Tgt Ion: 94 Resp: 103433
Ion Ratio Lower Upper
94 100
65 25.2 17.1 57.1
66 32.6 36.0 76.0#



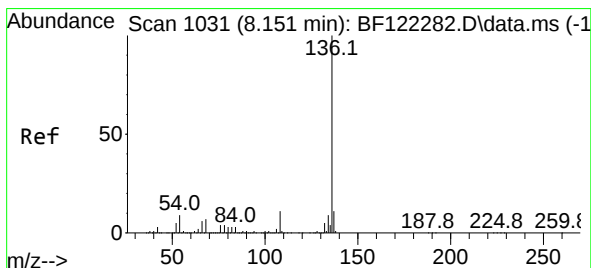
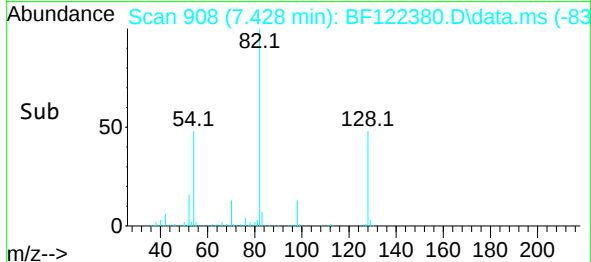
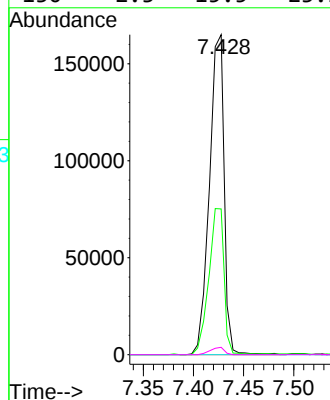
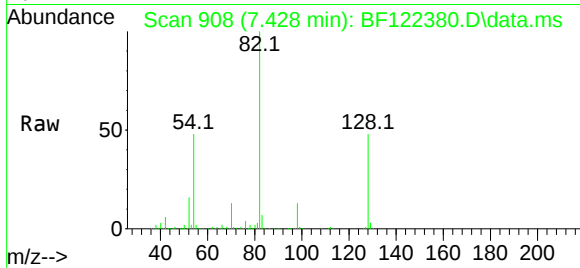


#19
n-Nitroso-di-n-propylamine
Concen: 13.94 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF122380.D
Acq: 19 Nov 2020 15:00

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C5-D5-C5A-D5A

Tgt Ion: 70 Resp: 169445

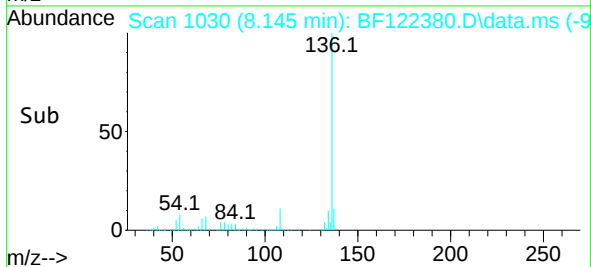
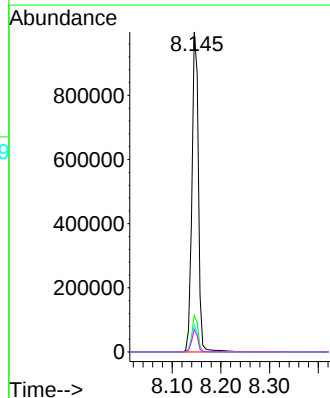
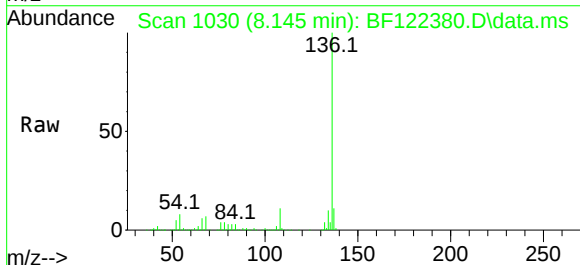
Ion	Ratio	Lower	Upper
70	100		
42	45.6	50.2	75.4#
101	0.0	7.5	11.3#
130	2.3	15.5	23.3#

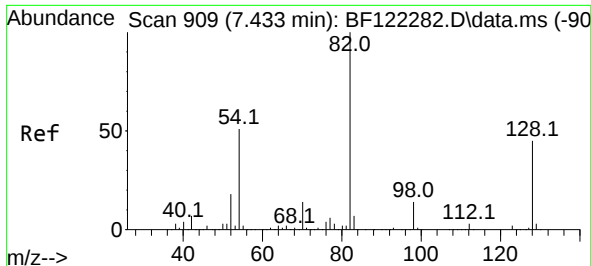


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF122380.D
Acq: 19 Nov 2020 15:00

Tgt Ion: 136 Resp: 918051

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	13.0
54	8.5	7.1	10.7
68	7.0	5.0	7.4





#23

Nitrobenzene-d5

Concen: 84.14 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF122380.D

Acq: 19 Nov 2020 15:00

Tgt Ion: 82 Resp: 1261780

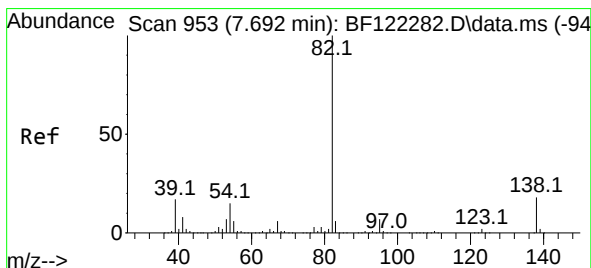
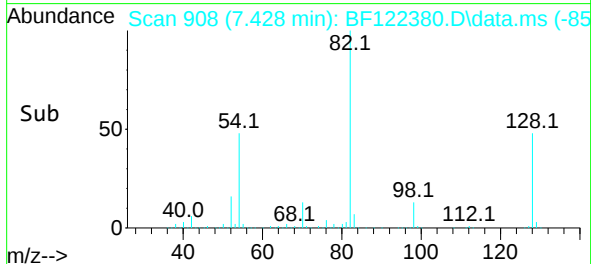
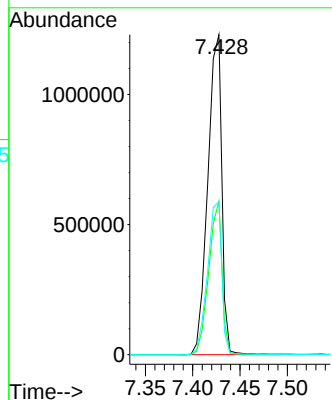
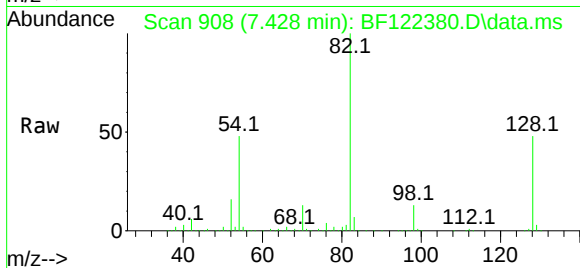
Ion	Ratio	Lower	Upper
82	100		
128	47.9	35.0	52.4
54	47.9	43.9	65.9

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C5-D5-C5A-D5A



#25

Isophorone

Concen: 37.44 ng

RT: 7.428 min Scan# 908

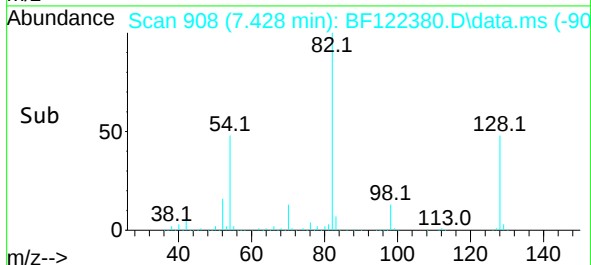
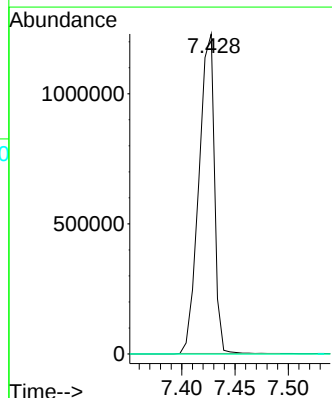
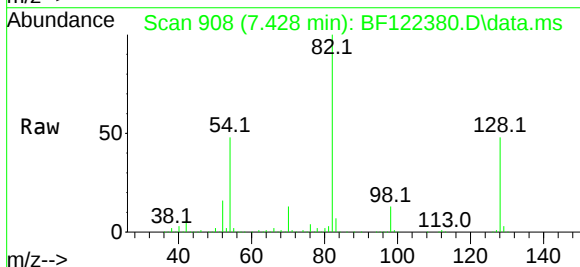
Delta R.T. -0.264 min

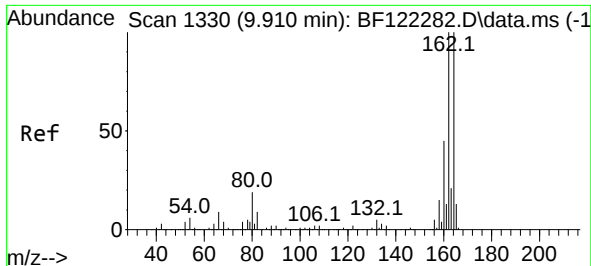
Lab File: BF122380.D

Acq: 19 Nov 2020 15:00

Tgt Ion: 82 Resp: 1251646

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: 9.904 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF122380.D

Acq: 19 Nov 2020 15:00

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C5-D5-C5A-D5A

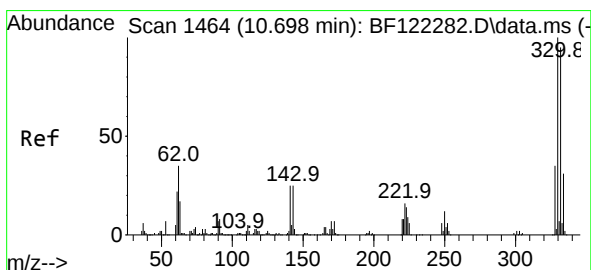
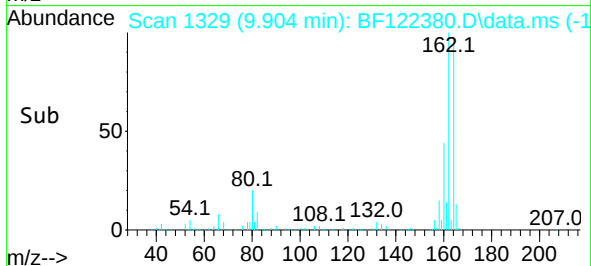
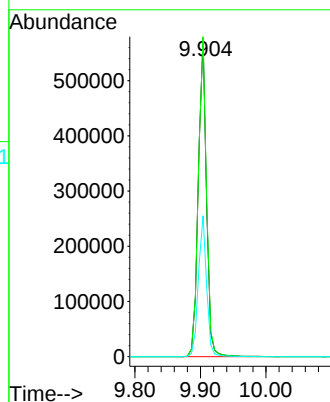
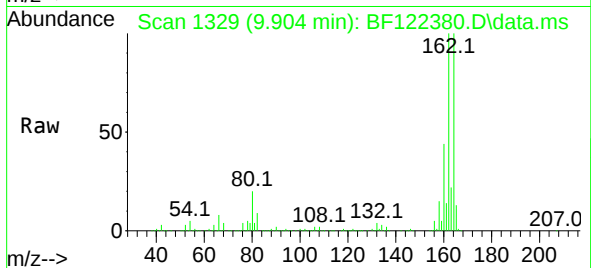
Tgt Ion:164 Resp: 501727

Ion Ratio Lower Upper

164 100

162 100.4 83.2 124.8

160 44.2 37.5 56.3



#42

2,4,6-Tribromophenol

Concen: 100.79 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF122380.D

Acq: 19 Nov 2020 15:00

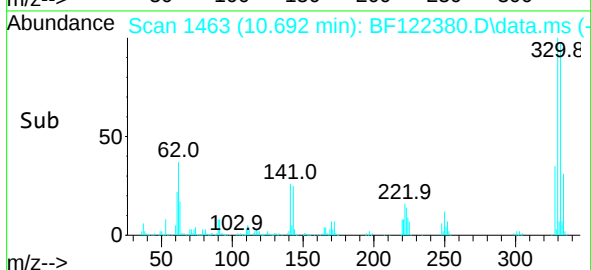
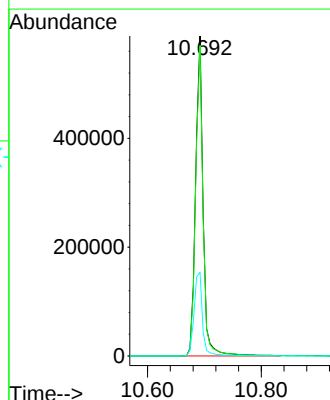
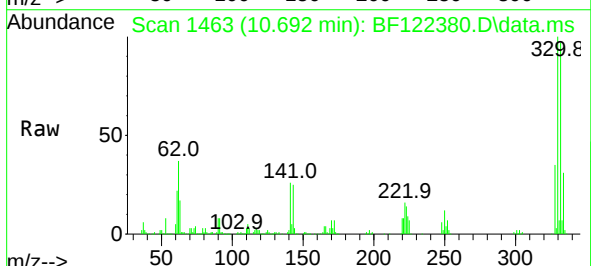
Tgt Ion:330 Resp: 542722

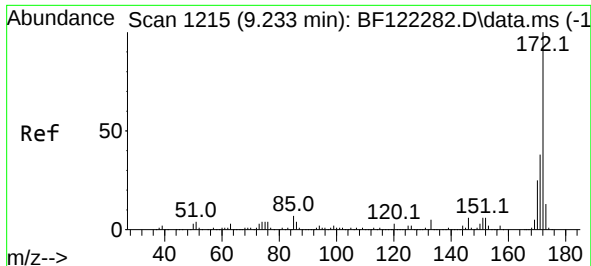
Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

141 29.6 22.3 33.5

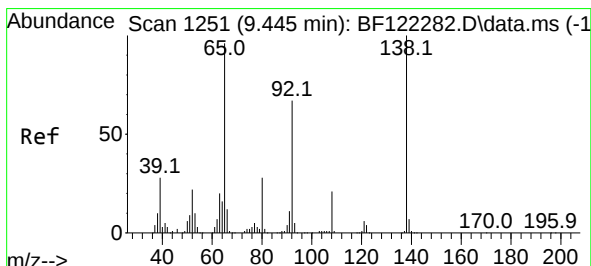
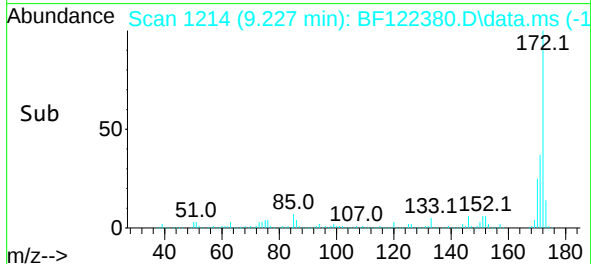
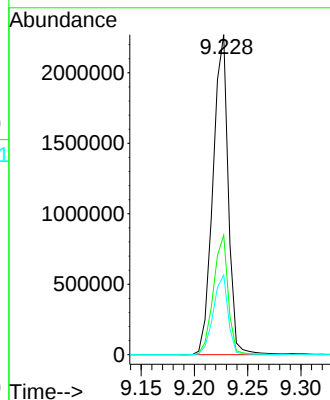
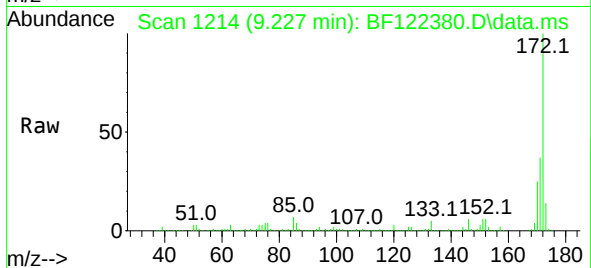




#45
2-Fluorobiphenyl
Concen: 70.75 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122380.D
Acq: 19 Nov 2020 15:00

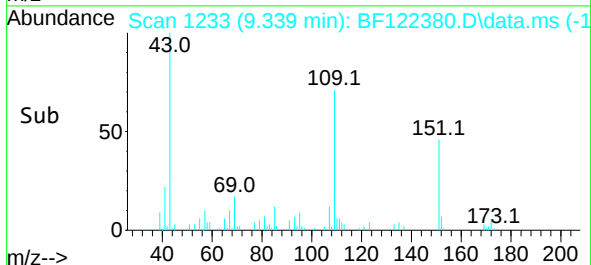
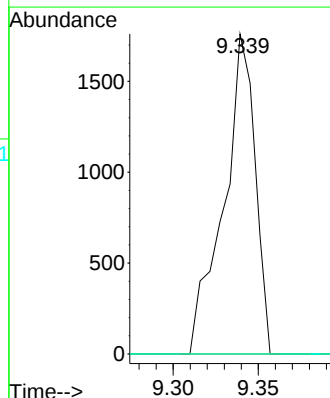
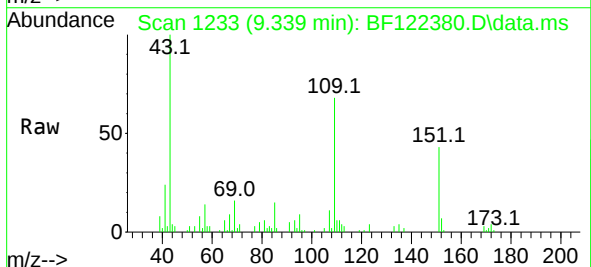
Instrument :
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FK-BPM-01-C5-D5-C5A-D5A

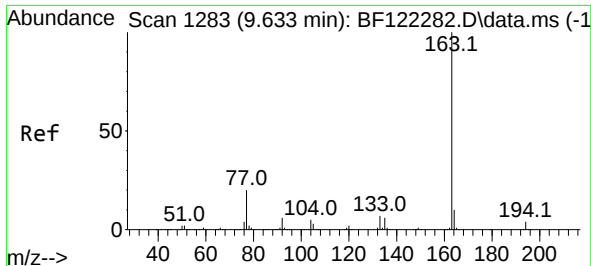
Tgt Ion:172 Resp: 2271924
Ion Ratio Lower Upper
172 100
171 37.4 29.1 43.7
170 24.9 19.8 29.6



#48
2-Nitroaniline
Concen: 5.38 ng
RT: 9.339 min Scan# 1233
Delta R.T. -0.106 min
Lab File: BF122380.D
Acq: 19 Nov 2020 15:00

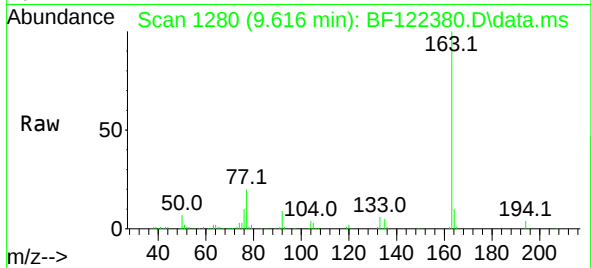
Tgt Ion: 65 Resp: 2266
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#



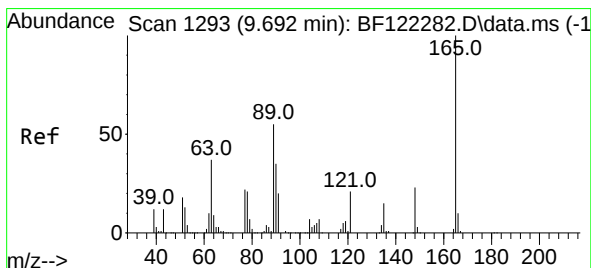
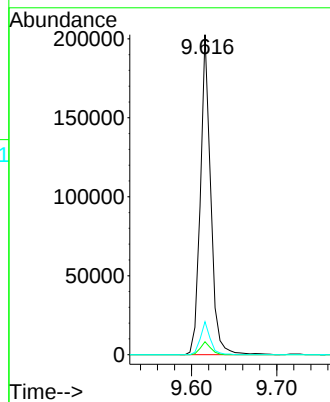
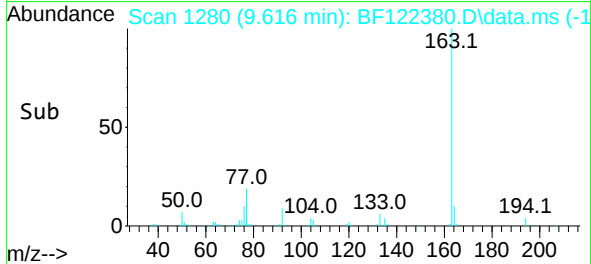


#50
Dimethylphthalate
Concen: 4.79 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.017 min
Lab File: BF122380.D
Acq: 19 Nov 2020 15:00

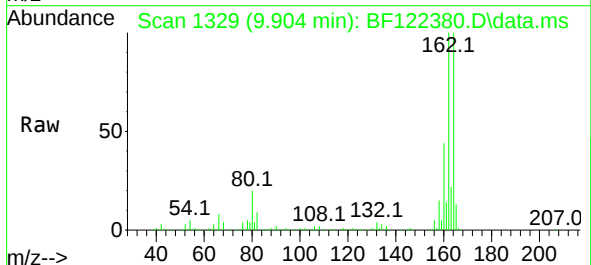
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C5-D5-C5A-D5A



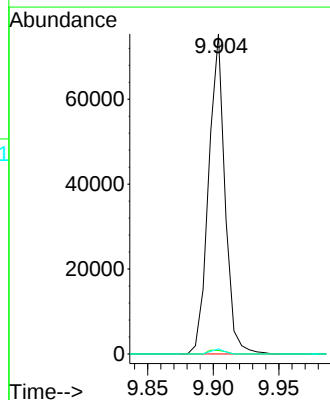
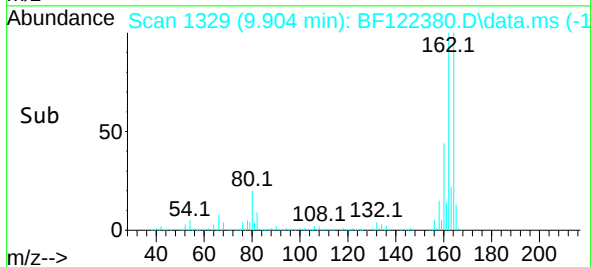
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Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.3 8.2 12.4

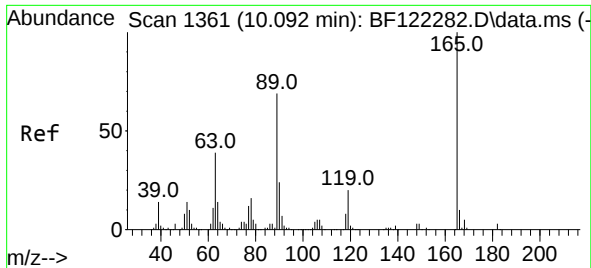


#51
2,6-Dinitrotoluene
Concen: 11.40 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.212 min
Lab File: BF122380.D
Acq: 19 Nov 2020 15:00



Tgt Ion:165 Resp: 65432
Ion Ratio Lower Upper
165 100
63 1.1 51.8 77.6#
89 1.6 49.0 73.6#

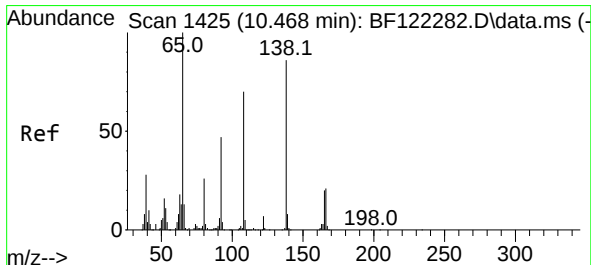
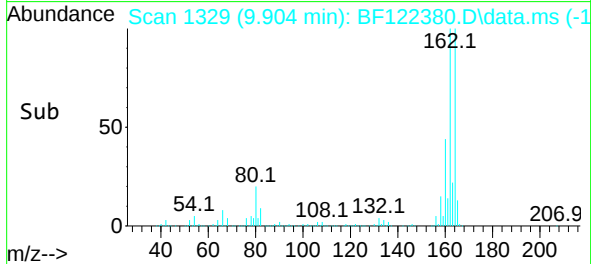
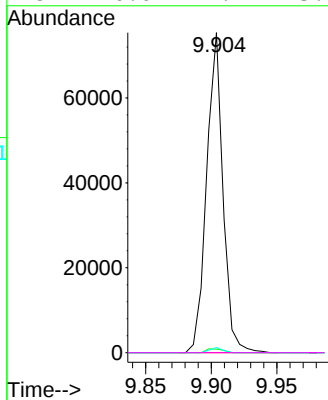
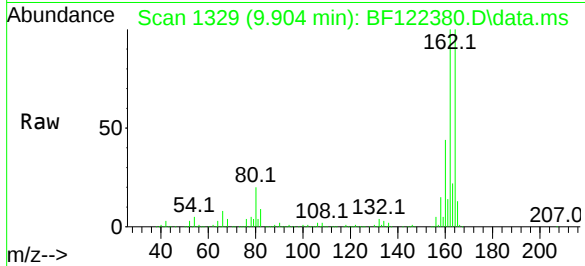




#57
2,4-Dinitrotoluene
Concen: 10.62 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF122380.D
Acq: 19 Nov 2020 15:00

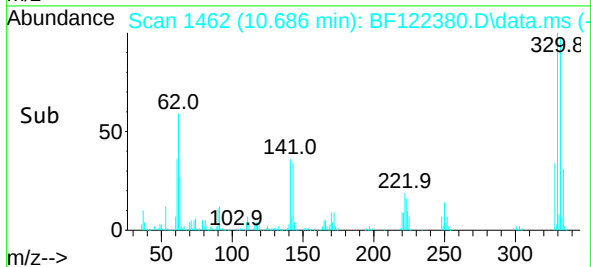
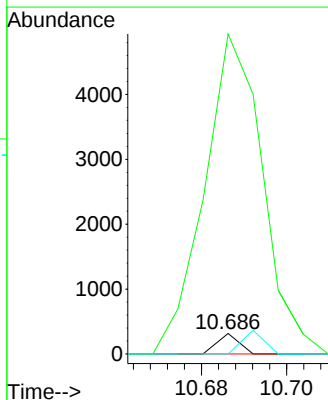
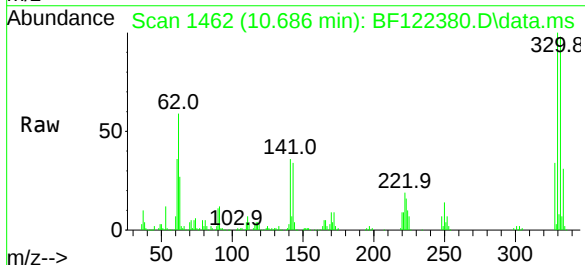
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C5-D5-C5A-D5A

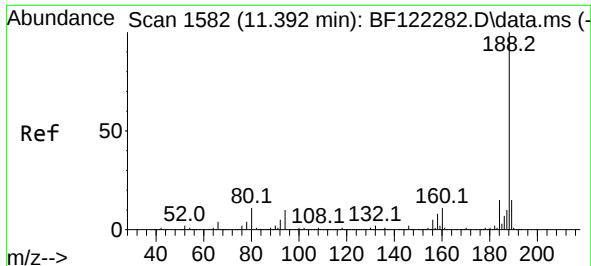
Tgt Ion:165	Resp:	65432
Ion Ratio	Lower	Upper
165	100	
63	1.1	41.3 61.9#
89	1.6	61.8 92.8#
182	0.0	2.1 3.1#



#62
4-Nitroaniline
Concen: 3.39 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.218 min
Lab File: BF122380.D
Acq: 19 Nov 2020 15:00

Tgt Ion:138	Resp:	112
Ion Ratio	Lower	Upper
138	100	
92	1556.2	31.0 71.0#
108	0.0	51.5 91.5#

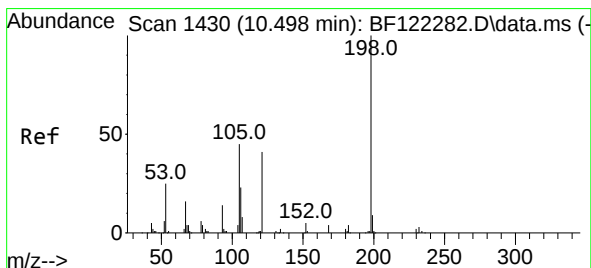
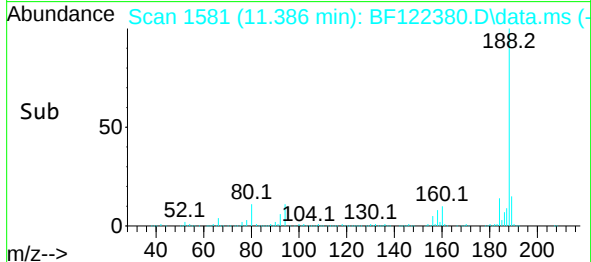
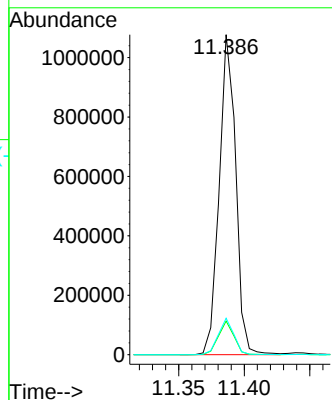
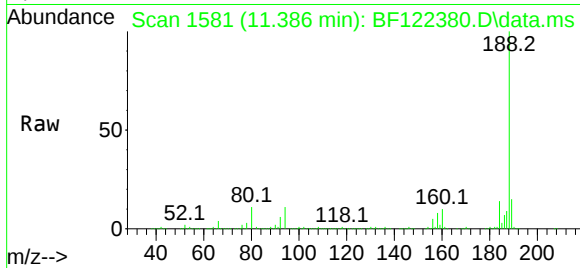




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122380.D
Acq: 19 Nov 2020 15:00

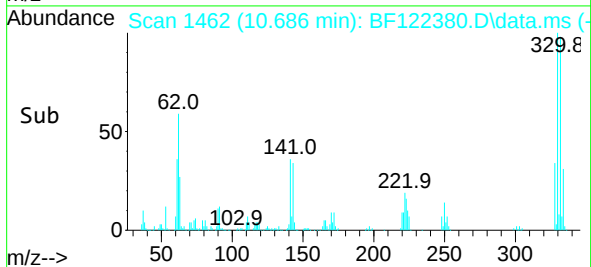
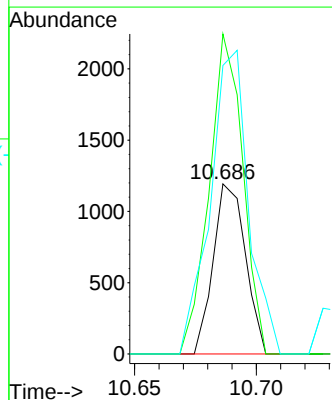
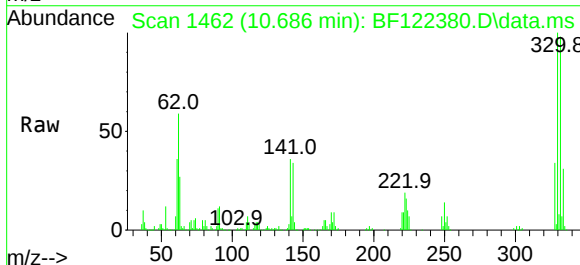
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C5-D5-C5A-D5A

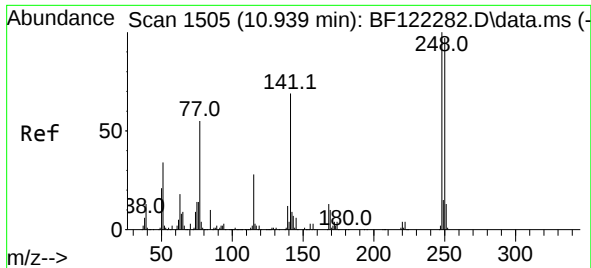
Tgt Ion:188 Resp: 941746
Ion Ratio Lower Upper
188 100
94 10.5 8.3 12.5
80 11.4 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 6.48 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.188 min
Lab File: BF122380.D
Acq: 19 Nov 2020 15:00

Tgt Ion:198 Resp: 1095
Ion Ratio Lower Upper
198 100
51 188.2 29.6 69.6#
105 169.7 24.4 64.4#

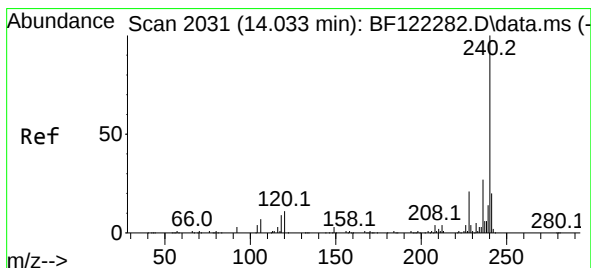
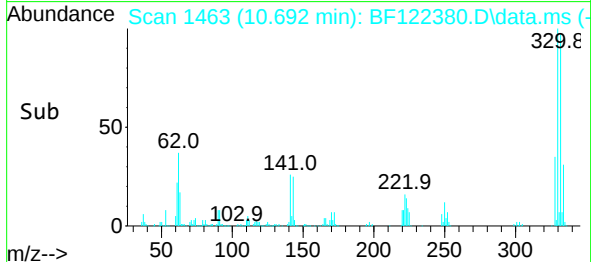
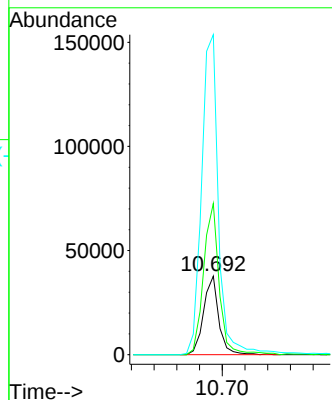
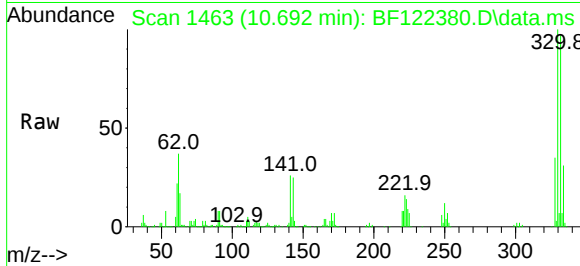




#67
4-Bromophenyl-phenylether
Concen: 3.16 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF122380.D
Acq: 19 Nov 2020 15:00

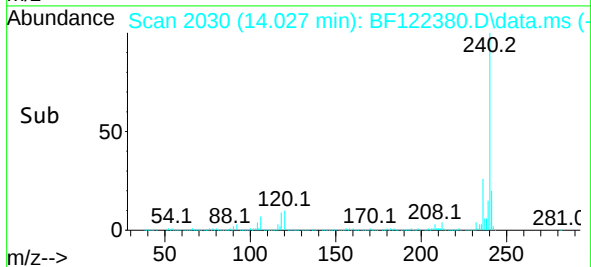
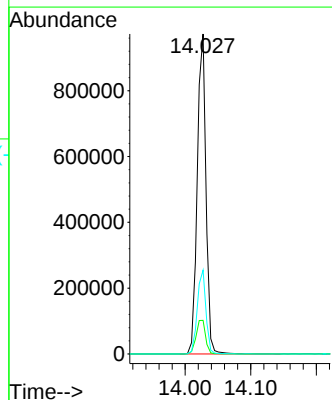
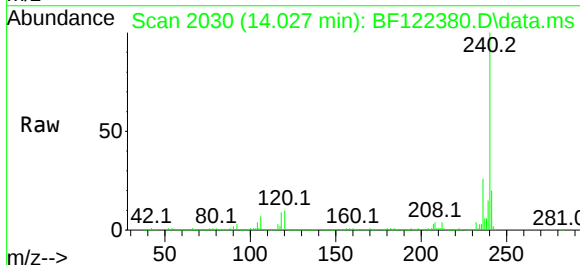
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C5-D5-C5A-D5A

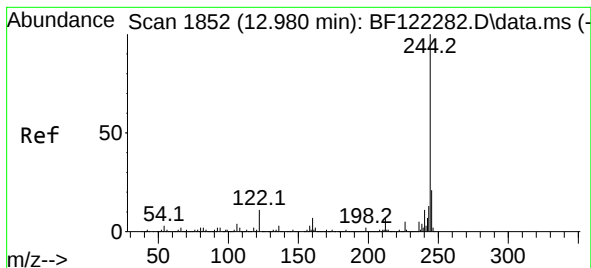
Tgt Ion:248 Resp: 34925
Ion Ratio Lower Upper
248 100
250 192.7 77.0 115.6#
141 407.6 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122380.D
Acq: 19 Nov 2020 15:00

Tgt Ion:240 Resp: 900912
Ion Ratio Lower Upper
240 100
120 10.5 9.2 13.8
236 26.2 20.9 31.3





#79

Terphenyl-d14

Concen: 61.70 ng

RT: 12.980 min Scan# 1852

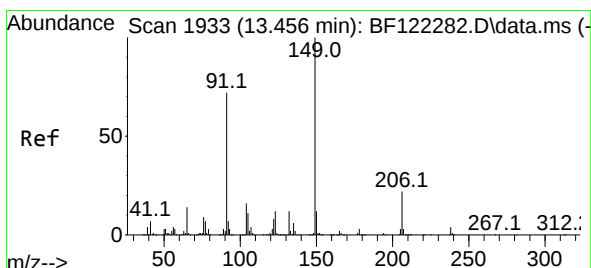
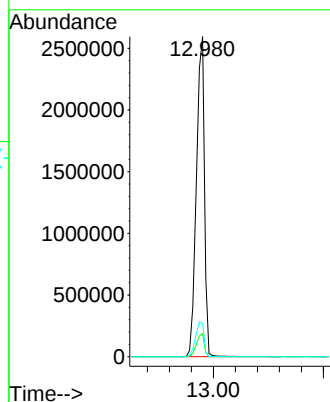
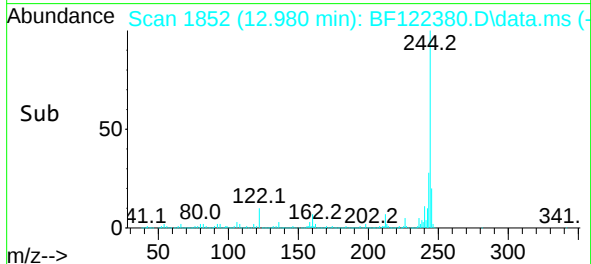
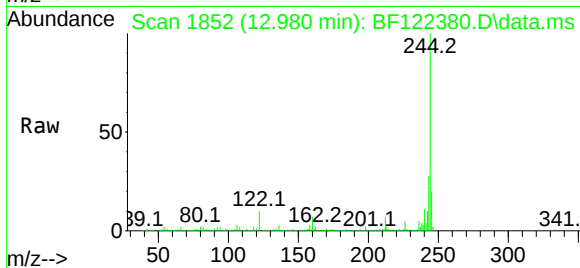
Delta R.T. 0.000 min

Lab File: BF122380.D

Acq: 19 Nov 2020 15:00

Tgt Ion:244 Resp: 2623735

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.2
122	10.4	8.1	12.1



#80

Butylbenzylphthalate

Concen: 3.33 ng

RT: 13.445 min Scan# 1931

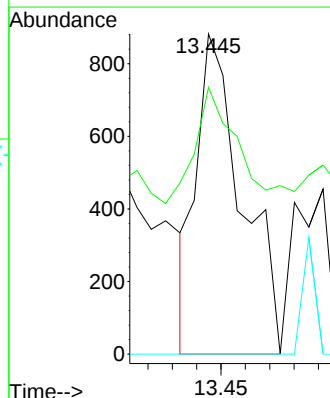
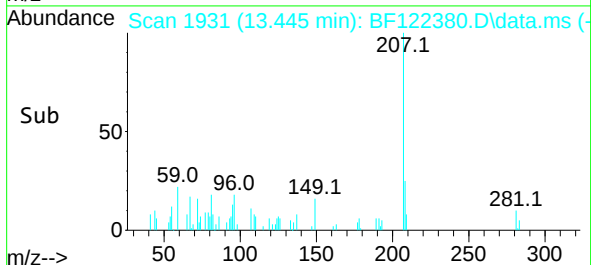
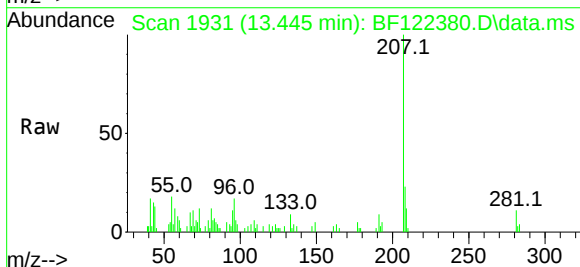
Delta R.T. -0.011 min

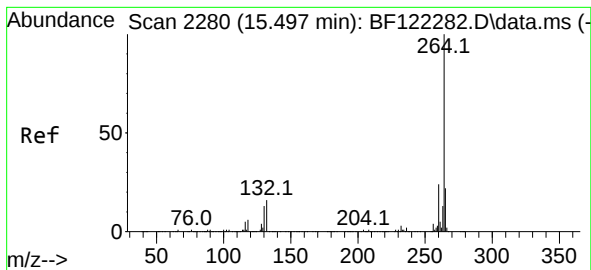
Lab File: BF122380.D

Acq: 19 Nov 2020 15:00

Tgt Ion:149 Resp: 1139

Ion	Ratio	Lower	Upper
149	100		
91	83.3	61.0	91.4
206	0.0	16.7	25.1#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.498 min Scan# 2280
 Delta R.T. 0.000 min
 Lab File: BF122380.D
 Acq: 19 Nov 2020 15:00

Instrument :
 BNA_F
ClientSampleId :
 FK-BPM-01-C5-D5-C5A-D5A

Tgt Ion:264 Resp: 880236
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 22.4 17.3 25.9

