

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111220\
 Data File : BF122322.D
 Acq On : 12 Nov 2020 18:40
 Operator : JU/CG
 Sample : L4702-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-5(0-10)

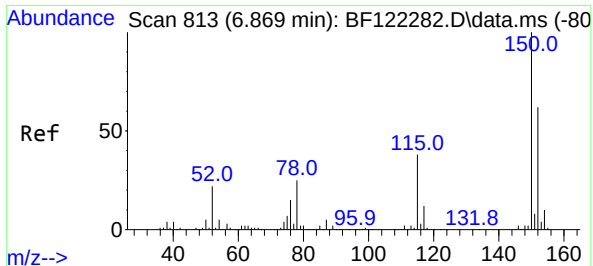
Quant Time: Nov 13 01:35:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 12:25:42 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	261099	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	1006970	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	537573	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	992402	20.00	ng	0.00
76) Chrysene-d12	14.027	240	804931	20.00	ng	0.00
86) Perylene-d12	15.492	264	733899	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	2229932	131.14	ng	0.00
7) Phenol-d6	6.487	99	2846244	127.95	ng	0.00
23) Nitrobenzene-d5	7.428	82	1788758	108.75	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	844716	146.41	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2973220	86.42	ng	0.00
79) Terphenyl-d14	12.980	244	3403454	89.58	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.487	77	4728	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.428	70	246537	18.55	ng	# 76
25) Isophorone	7.428	82	1786467	48.72	ng	# 67
32) Benzoic acid	7.804	122	267	7.98	ng	# 33
48) 2-Nitroaniline	9.410	65	271	5.19	ng	# 6
50) Dimethylphthalate	9.616	163	624109	16.33	ng	# 100
51) 2,6-Dinitrotoluene	9.616	165	8341	4.72	ng	# 22
53) 3-Nitroaniline	9.822	138	738	3.63	ng	# 1
54) 2,4-Dinitrophenol	10.133	184	109	6.36	ng	# 1
56) 4-Nitrophenol	10.028	139	297	5.44	ng	# 1
57) 2,4-Dinitrotoluene	9.904	165	71522	10.74	ng	# 20
62) 4-Nitroaniline	10.457	138	115	3.39	ng	# 36
65) 4,6-Dinitro-2-methylph...	10.692	198	1981	6.73	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	53588	4.60	ng	# 1
77) Benzidine	12.980	184	48021	2.15	ng	# 91
80) Butylbenzylphthalate	13.457	149	5959	3.53	ng	# 1

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

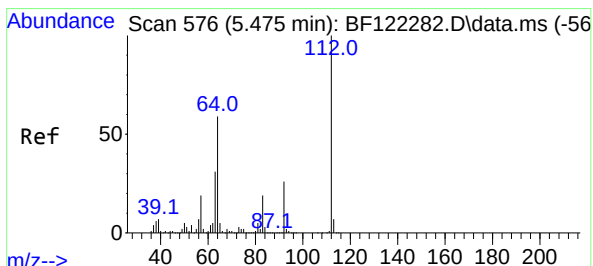
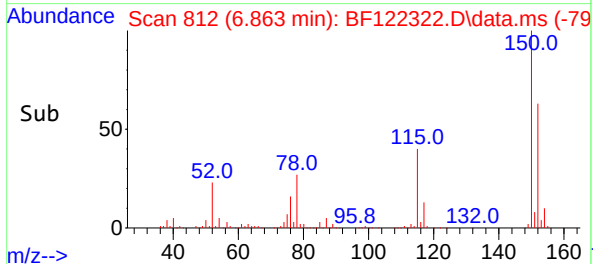
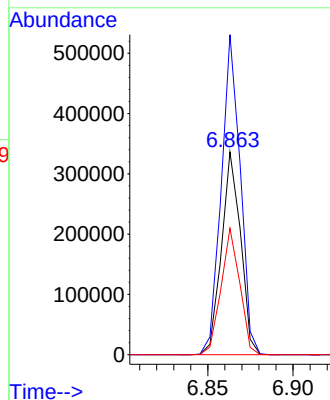
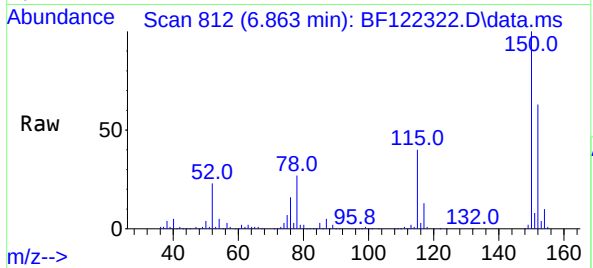
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111220\
Data File : BF122322.D
Acq On : 12 Nov 2020 18:40
Operator : JU/CG
Sample : L4702-01
Misc :
ALS Vial : 12 Sample Multiplier: 1



#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122322.D
Acq: 12 Nov 2020 18:40

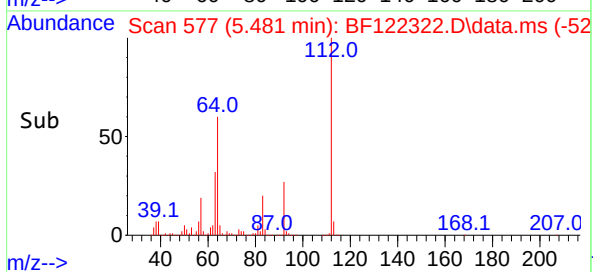
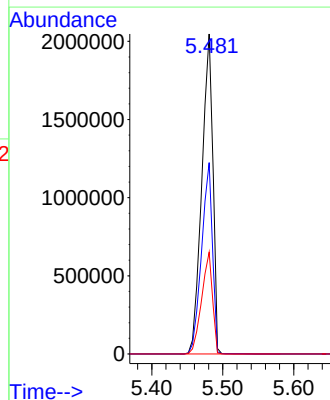
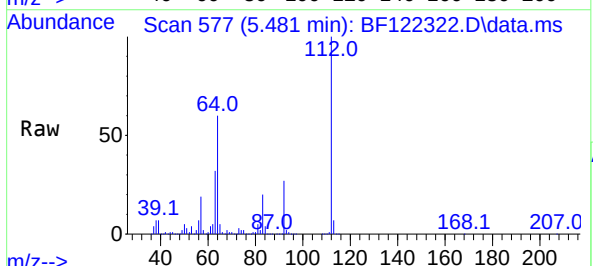
Instrument :
BNA_F
ClientSampled :
M-5(0-10)

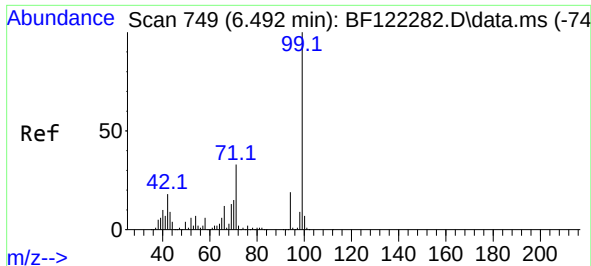
Tgt Ion:152 Resp: 261099
Ion Ratio Lower Upper
152 100
150 157.9 125.3 187.9
115 62.4 51.9 77.9



#5
2-Fluorophenol
Concen: 131.14 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.006 min
Lab File: BF122322.D
Acq: 12 Nov 2020 18:40

Tgt Ion:112 Resp: 2229932
Ion Ratio Lower Upper
112 100
64 59.8 50.4 75.6
63 31.8 25.8 38.6



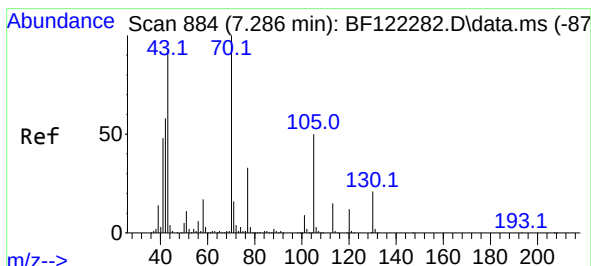
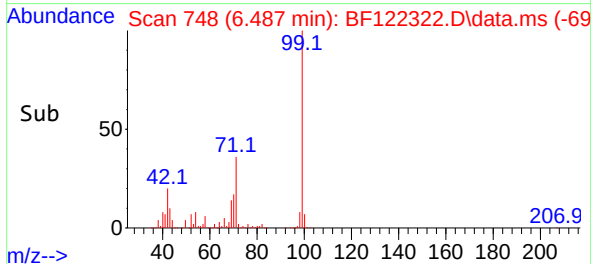
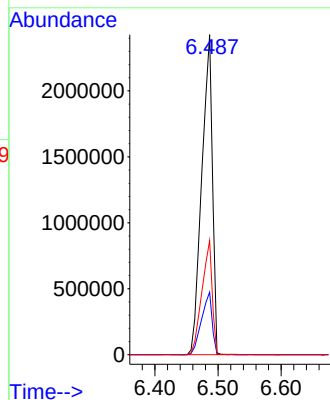
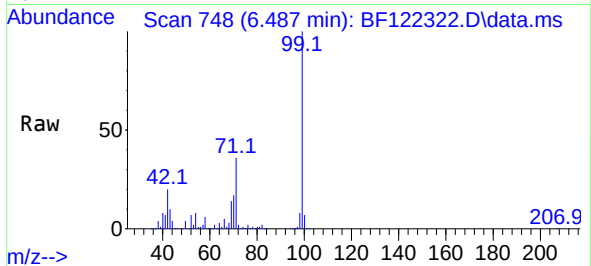


#7
Phenol-d6
Concen: 127.95 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF122322.D
Acq: 12 Nov 2020 18:40

Instrument :
BNA_F
ClientSampleId :
M-5(0-10)

Tgt Ion: 99 Resp: 2846244

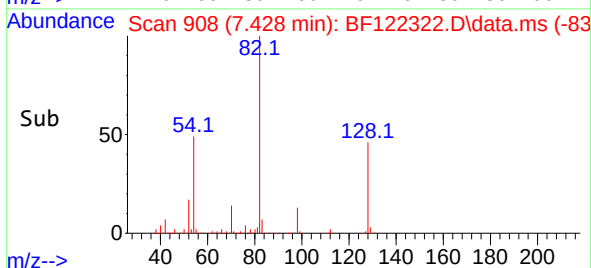
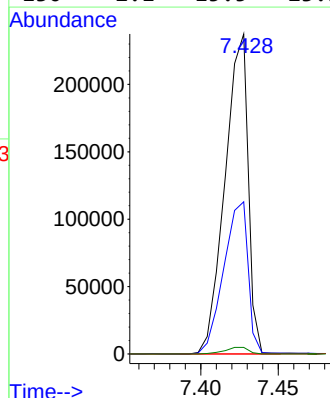
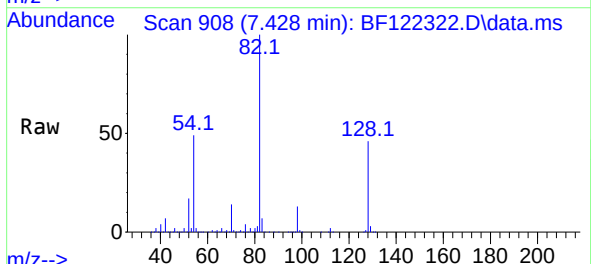
Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.9	23.9
71	35.6	27.1	40.7

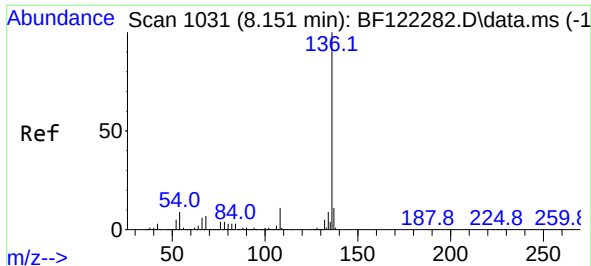


#19
n-Nitroso-di-n-propylamine
Concen: 18.55 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF122322.D
Acq: 12 Nov 2020 18:40

Tgt Ion: 70 Resp: 246537

Ion	Ratio	Lower	Upper
70	100		
42	47.6	50.2	75.4#
101	0.0	7.5	11.3#
130	2.1	15.5	23.3#



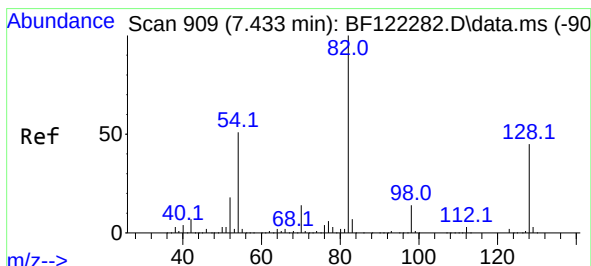
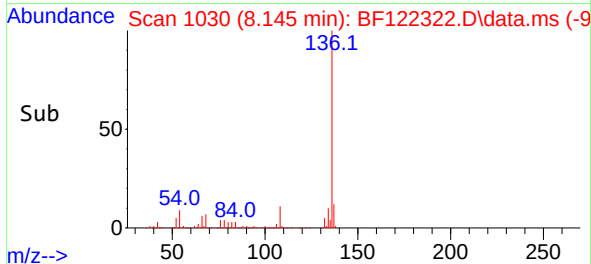
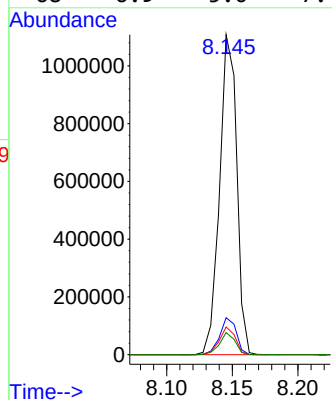
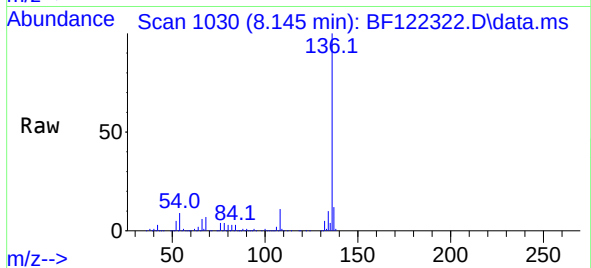


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF122322.D
Acq: 12 Nov 2020 18:40

Instrument :
BNA_F
ClientSampleId :
M-5(0-10)

Tgt Ion:136 Resp: 1006970

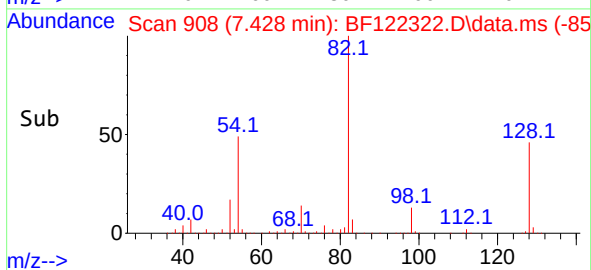
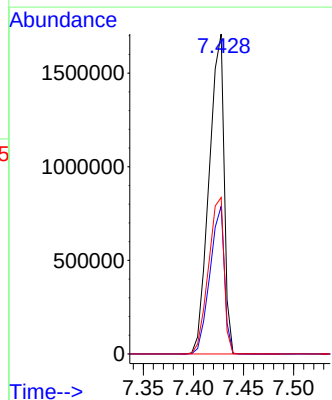
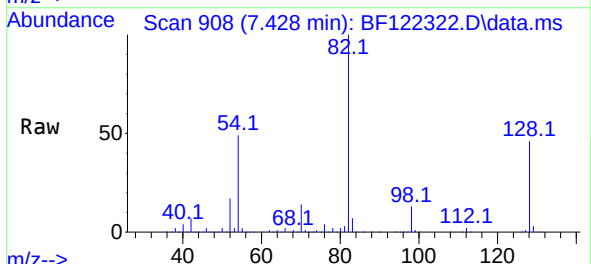
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.6	13.0
54	8.7	7.1	10.7
68	6.9	5.0	7.4

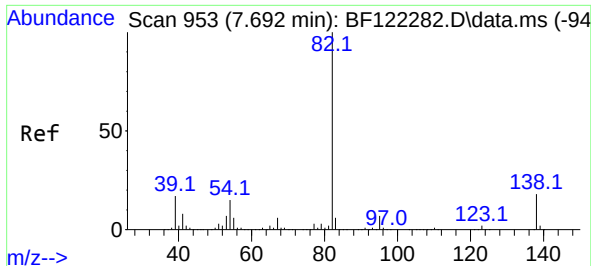


#23
Nitrobenzene-d5
Concen: 108.75 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF122322.D
Acq: 12 Nov 2020 18:40

Tgt Ion: 82 Resp: 1788758

Ion	Ratio	Lower	Upper
82	100		
128	46.1	35.0	52.4
54	48.9	43.9	65.9

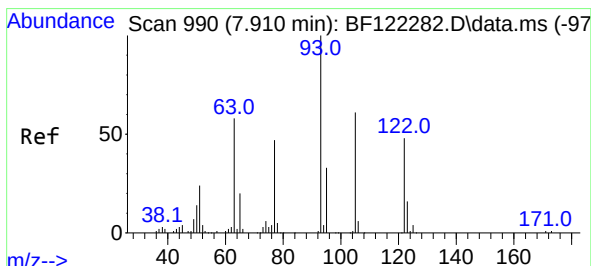
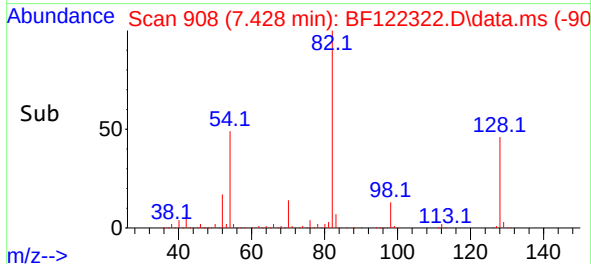
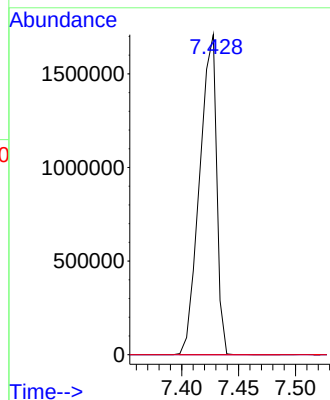
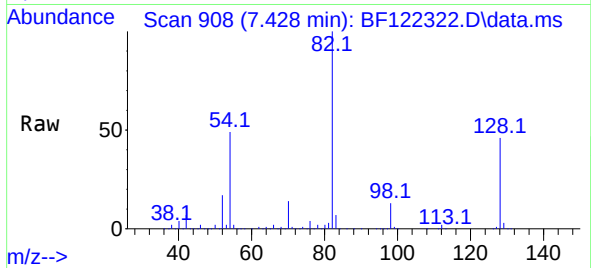




#25
Isophorone
Concen: 48.72 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.264 min
Lab File: BF122322.D
Acq: 12 Nov 2020 18:40

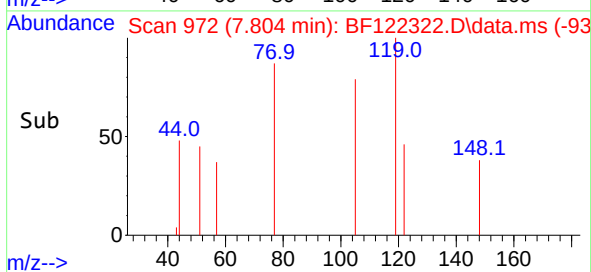
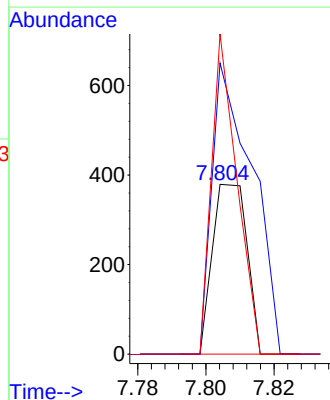
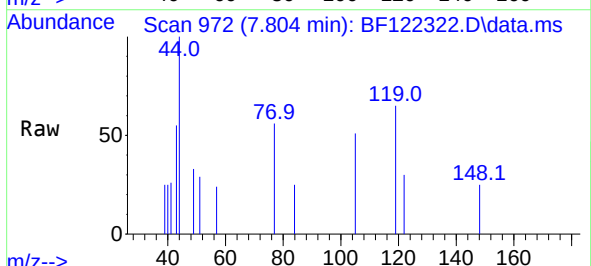
Instrument :
BNA_F
ClientSampleId :
M-5(0-10)

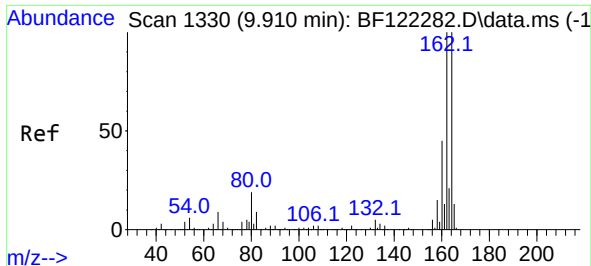
Tgt Ion: 82 Resp: 1786467
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 7.98 ng
RT: 7.804 min Scan# 972
Delta R.T. -0.106 min
Lab File: BF122322.D
Acq: 12 Nov 2020 18:40

Tgt Ion: 122 Resp: 267
Ion Ratio Lower Upper
122 100
105 171.5 103.3 143.3#
77 188.7 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: BF122322.D

Acq: 12 Nov 2020 18:40

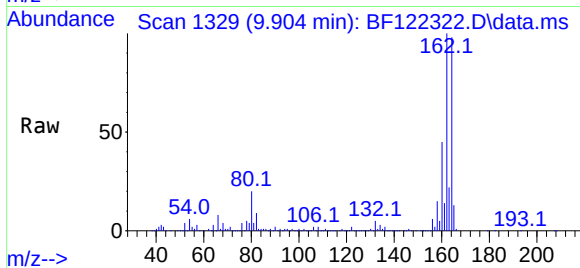
Tgt Ion:164 Resp: 537573

Ion Ratio Lower Upper

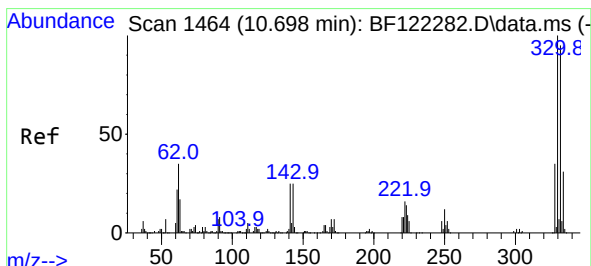
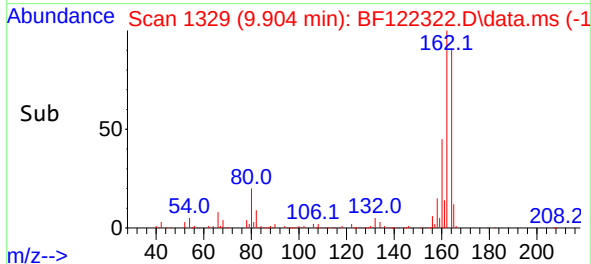
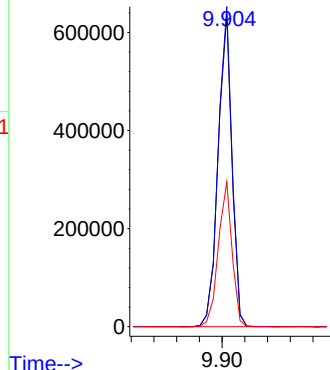
164 100

162 102.5 83.2 124.8

160 46.4 37.5 56.3



Abundance



#42

2,4,6-Tribromophenol

Concen: 146.41 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF122322.D

Acq: 12 Nov 2020 18:40

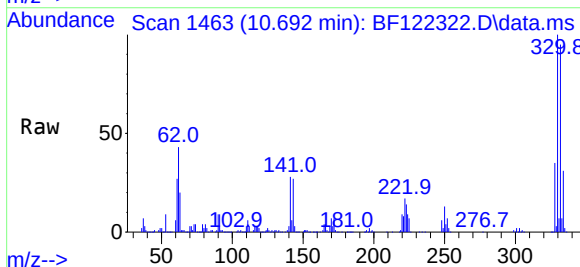
Tgt Ion:330 Resp: 844716

Ion Ratio Lower Upper

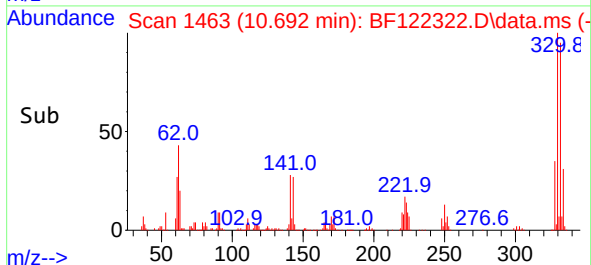
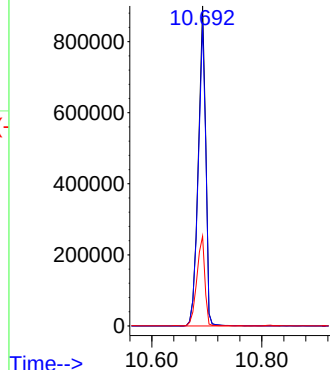
330 100

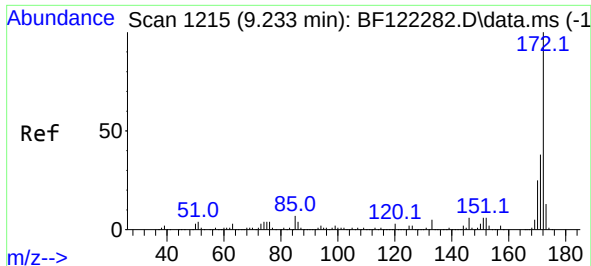
332 96.0 77.3 115.9

141 30.1 22.3 33.5



Abundance



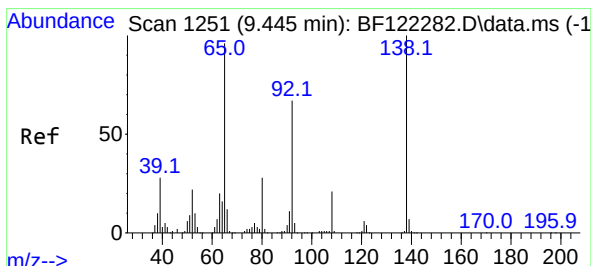
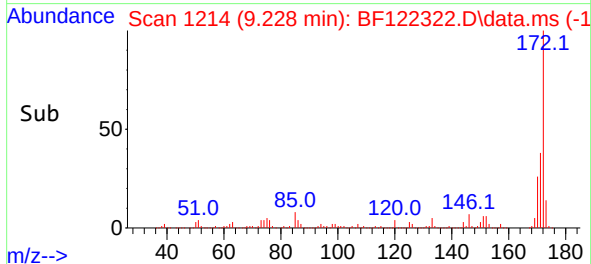
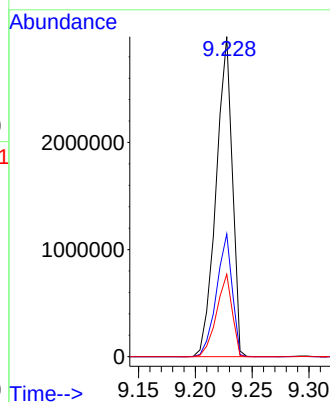
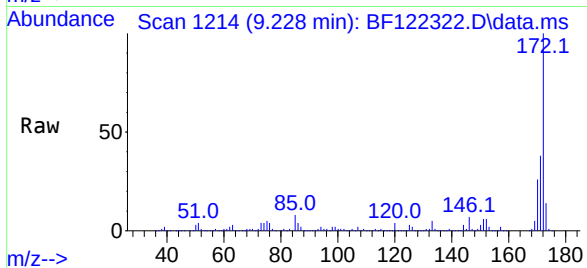


#45
2-Fluorobiphenyl
Concen: 86.42 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122322.D
Acq: 12 Nov 2020 18:40

Instrument :
BNA_F
ClientSampleId :
M-5(0-10)

Tgt Ion:172 Resp: 2973220

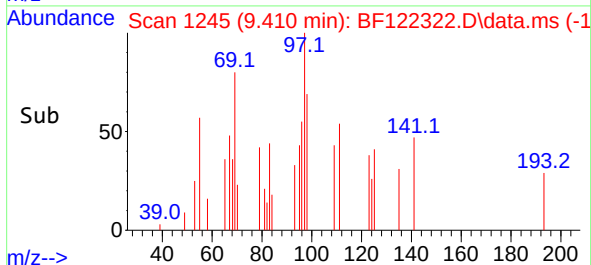
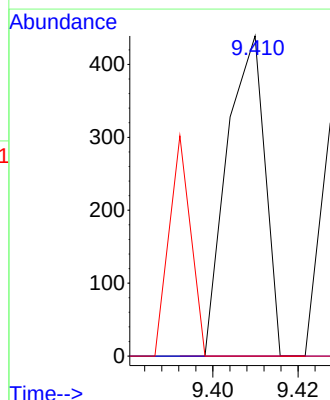
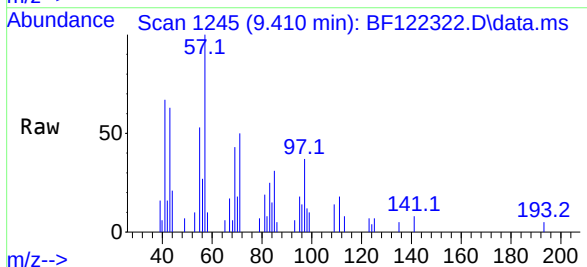
Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.1	43.7
170	25.8	19.8	29.6

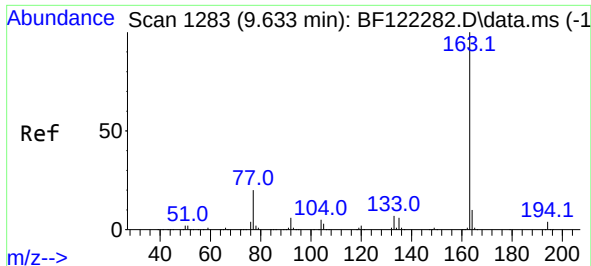


#48
2-Nitroaniline
Concen: 5.19 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.035 min
Lab File: BF122322.D
Acq: 12 Nov 2020 18:40

Tgt Ion: 65 Resp: 271

Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.1	82.7#
138	0.0	80.5	120.7#

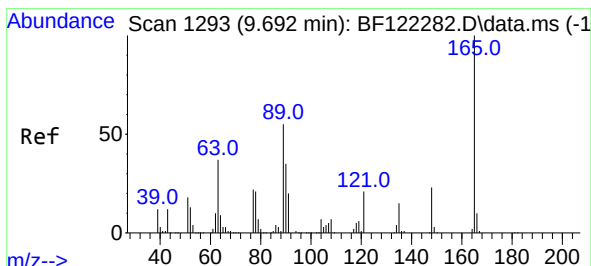
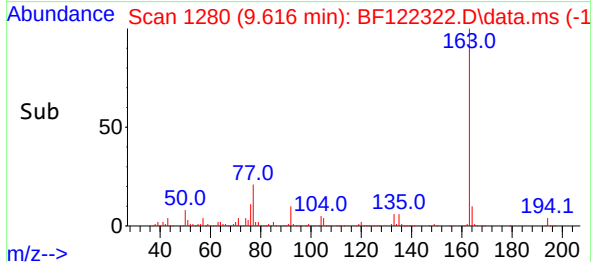
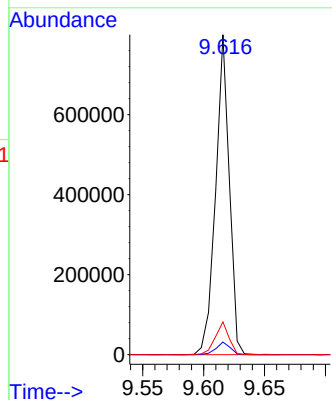
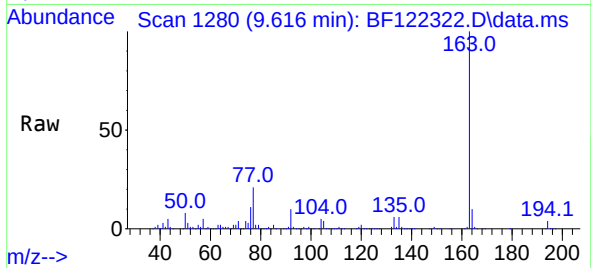




#50
Dimethylphthalate
Concen: 16.33 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.017 min
Lab File: BF122322.D
Acq: 12 Nov 2020 18:40

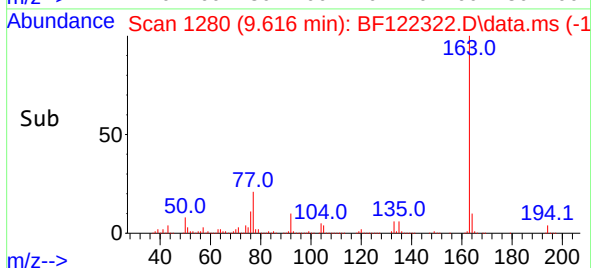
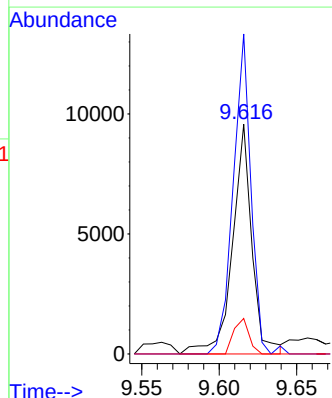
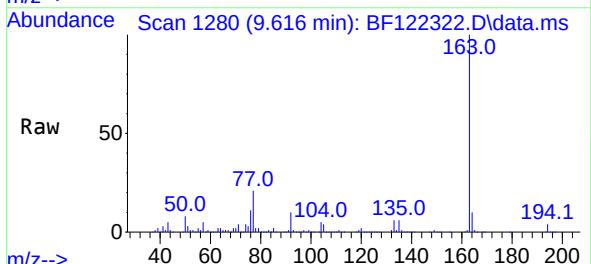
Instrument :
BNA_F
ClientSampleId :
M-5(0-10)

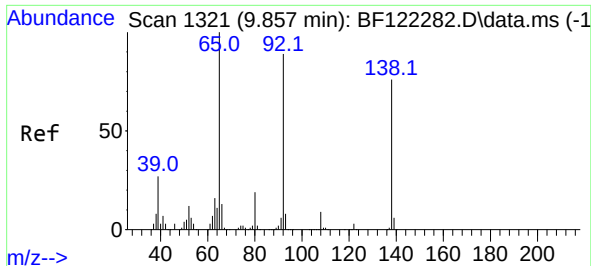
Tgt Ion:163 Resp: 624109
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.2 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 4.72 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.076 min
Lab File: BF122322.D
Acq: 12 Nov 2020 18:40

Tgt Ion:165 Resp: 8341
Ion Ratio Lower Upper
165 100
63 139.3 51.8 77.6#
89 15.4 49.0 73.6#

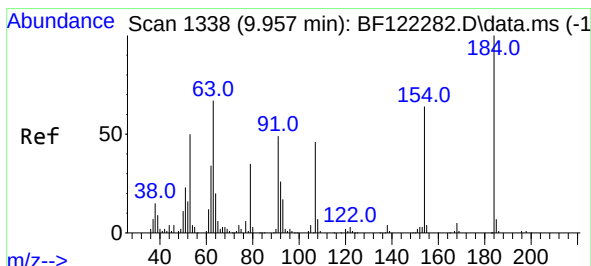
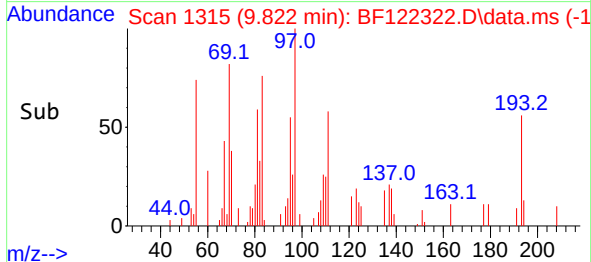
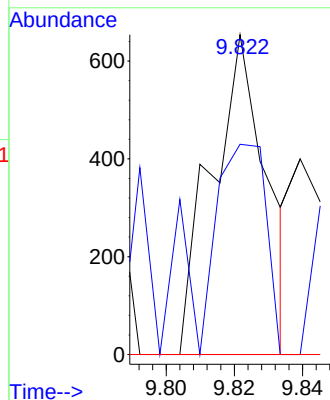
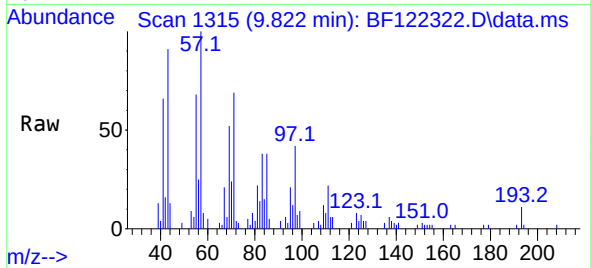




#53
3-Nitroaniline
Concen: 3.63 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.035 min
Lab File: BF122322.D
Acq: 12 Nov 2020 18:40

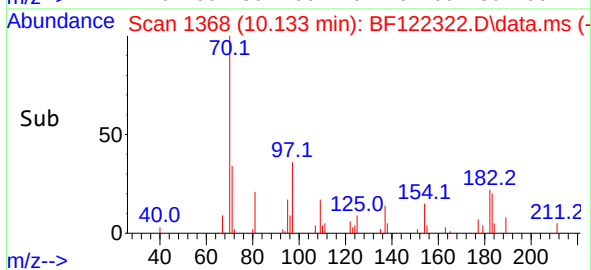
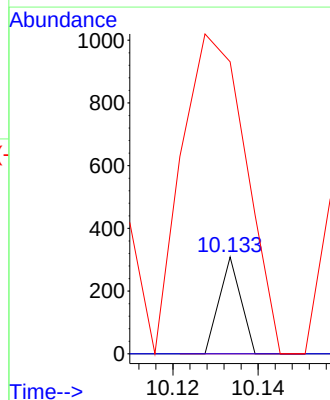
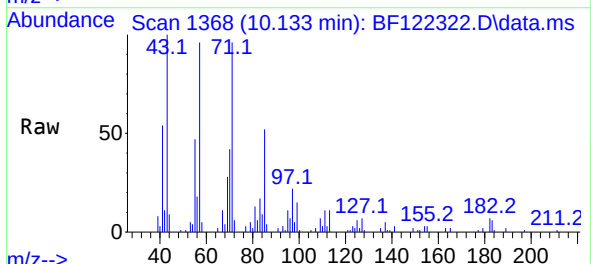
Instrument :
BNA_F
ClientSampleId :
M-5(0-10)

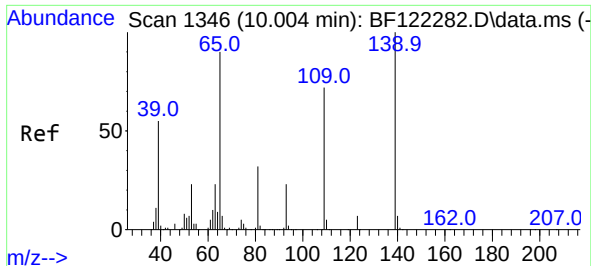
Tgt Ion:138 Resp: 738
Ion Ratio Lower Upper
138 100
108 65.7 8.6 13.0#
92 0.0 96.6 144.8#



#54
2,4-Dinitrophenol
Concen: 6.36 ng
RT: 10.133 min Scan# 1368
Delta R.T. 0.176 min
Lab File: BF122322.D
Acq: 12 Nov 2020 18:40

Tgt Ion:184 Resp: 109
Ion Ratio Lower Upper
184 100
63 0.0 45.9 68.9#
154 301.3 45.8 68.6#

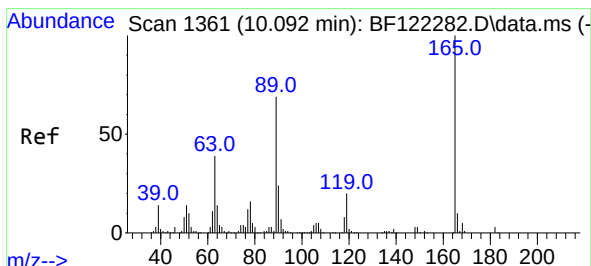
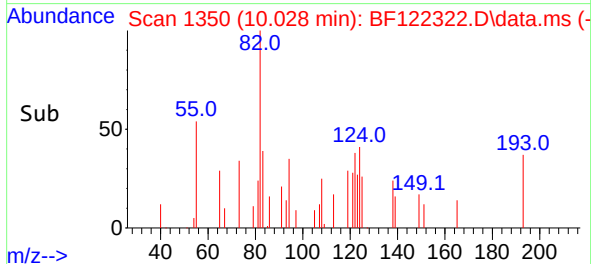
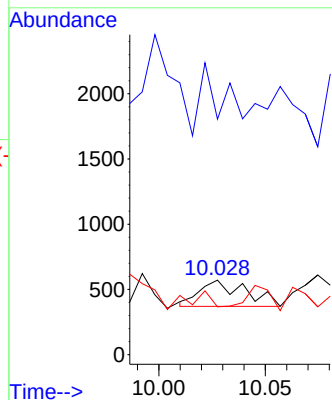
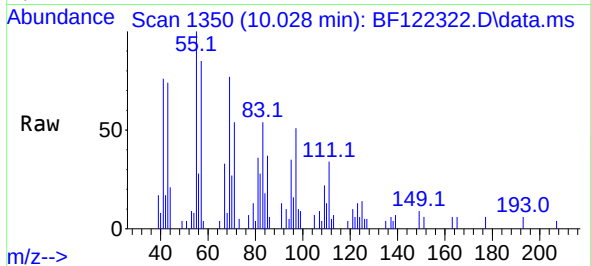




#56
4-Nitrophenol
Concen: 5.44 ng
RT: 10.028 min Scan# 1350
Delta R.T. 0.024 min
Lab File: BF122322.D
Acq: 12 Nov 2020 18:40

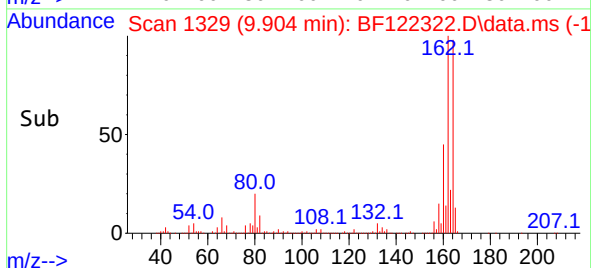
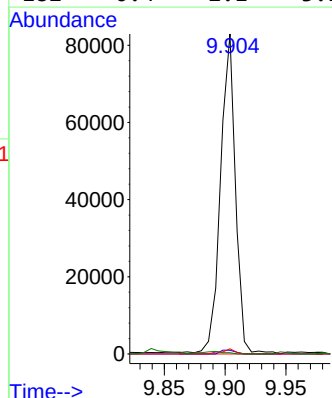
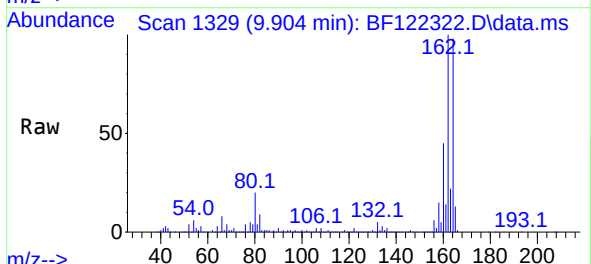
Instrument :
BNA_F
ClientSampleId :
M-5(0-10)

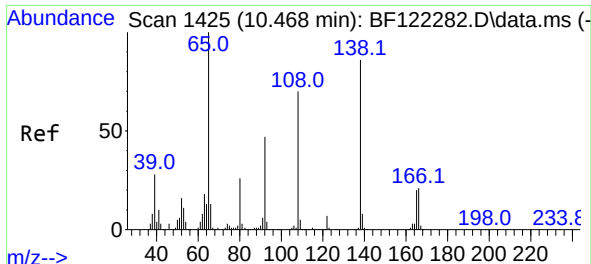
Tgt Ion:139 Resp: 297
Ion Ratio Lower Upper
139 100
109 316.1 45.4 85.4#
65 64.1 68.4 108.4#



#57
2,4-Dinitrotoluene
Concen: 10.74 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF122322.D
Acq: 12 Nov 2020 18:40

Tgt Ion:165 Resp: 71522
Ion Ratio Lower Upper
165 100
63 1.2 41.3 61.9#
89 1.6 61.8 92.8#
182 0.4 2.1 3.1#

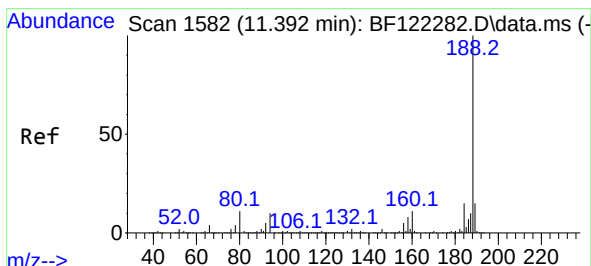
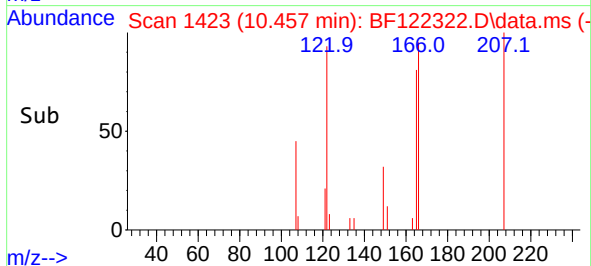
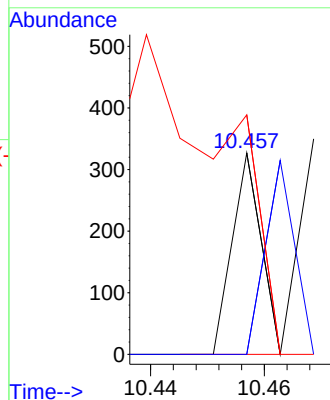
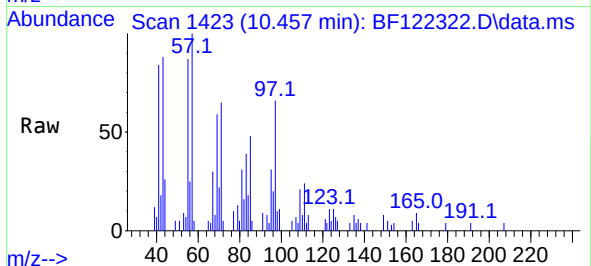




#62
4-Nitroaniline
Concen: 3.39 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.011 min
Lab File: BF122322.D
Acq: 12 Nov 2020 18:40

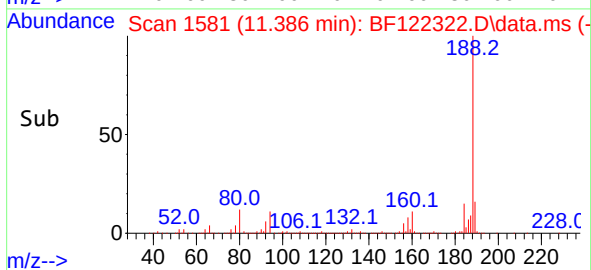
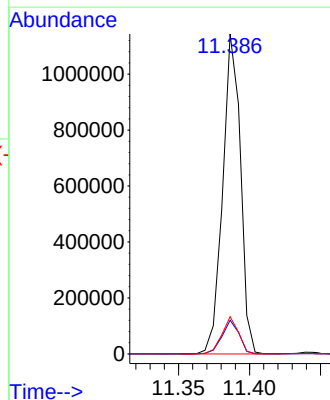
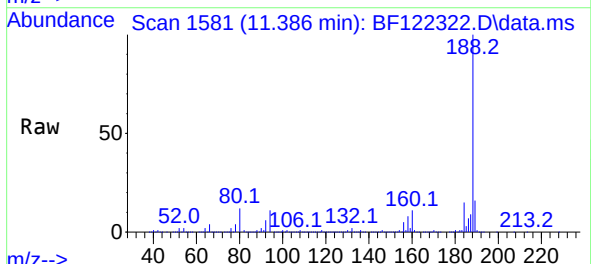
Instrument :
BNA_F
ClientSampled :
M-5(0-10)

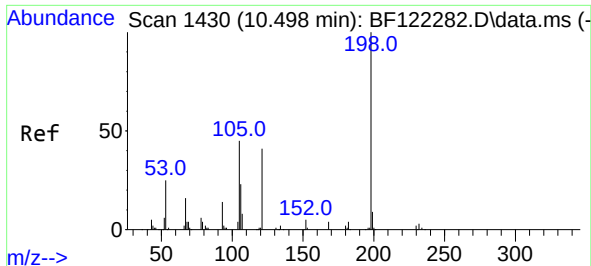
Tgt Ion:138 Resp: 115
Ion Ratio Lower Upper
138 100
92 0.0 31.0 71.0#
108 119.0 51.5 91.5#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122322.D
Acq: 12 Nov 2020 18:40

Tgt Ion:188 Resp: 992402
Ion Ratio Lower Upper
188 100
94 10.6 8.3 12.5
80 11.6 9.1 13.7

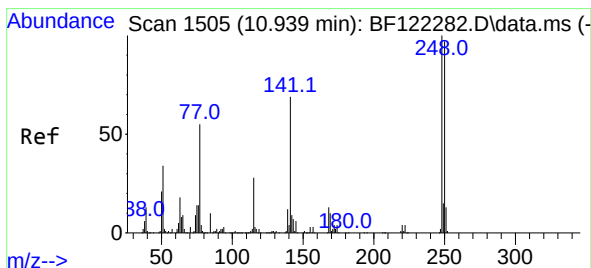
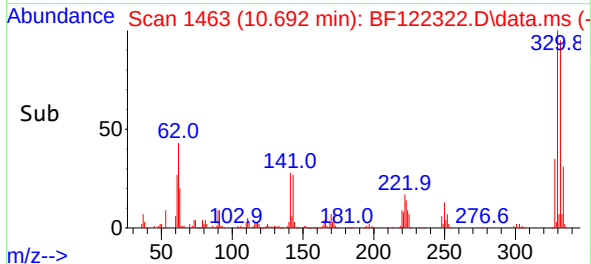
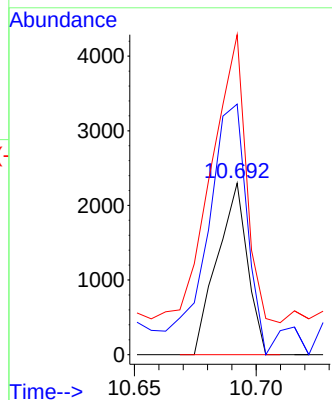
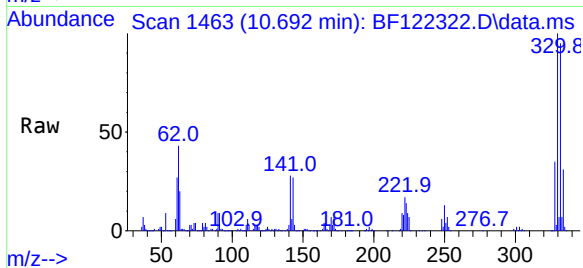




#65
4,6-Dinitro-2-methylphenol
Concen: 6.73 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.194 min
Lab File: BF122322.D
Acq: 12 Nov 2020 18:40

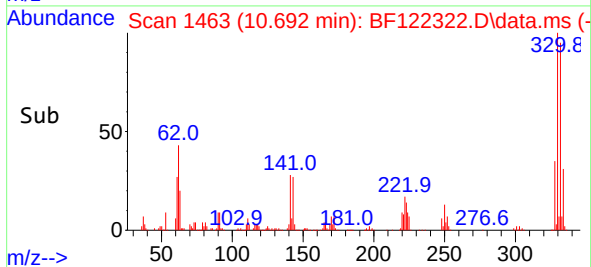
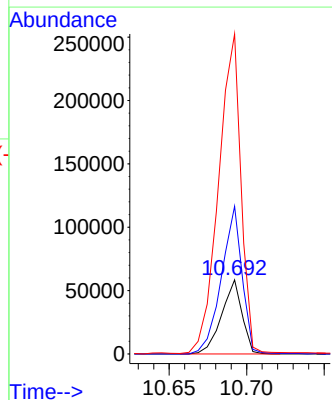
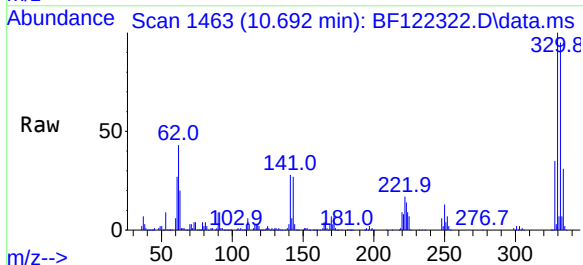
Instrument :
BNA_F
ClientSampled :
M-5(0-10)

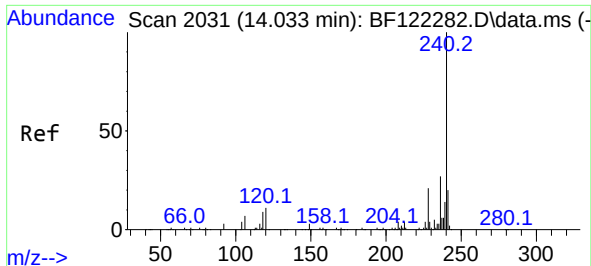
Tgt Ion:198	Resp:	1981
Ion	Ratio	Lower Upper
198	100	
51	146.1	29.6 69.6#
105	186.6	24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 4.60 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF122322.D
Acq: 12 Nov 2020 18:40

Tgt Ion:248	Resp:	53588
Ion	Ratio	Lower Upper
248	100	
250	199.3	77.0 115.6#
141	431.7	53.7 80.5#



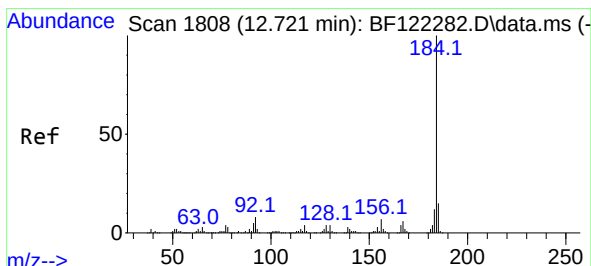
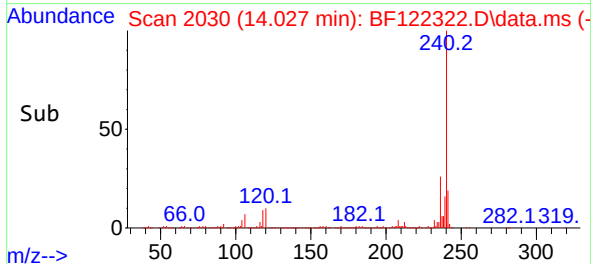
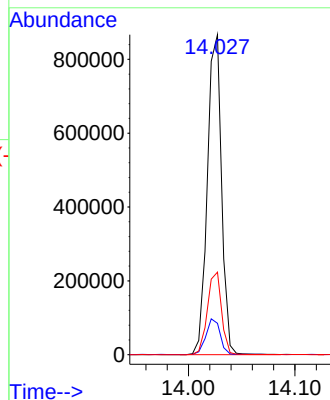
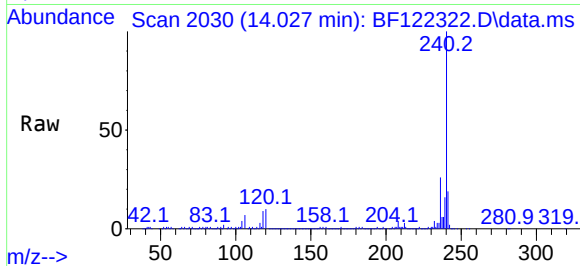


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122322.D
Acq: 12 Nov 2020 18:40

Instrument :
BNA_F
ClientSampleId :
M-5(0-10)

Tgt Ion:240 Resp: 804931

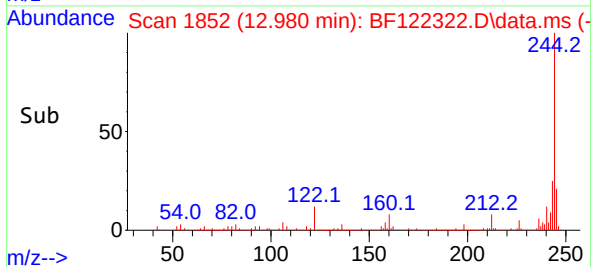
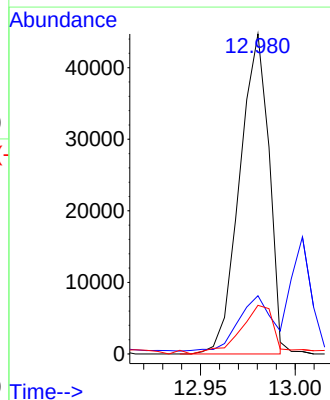
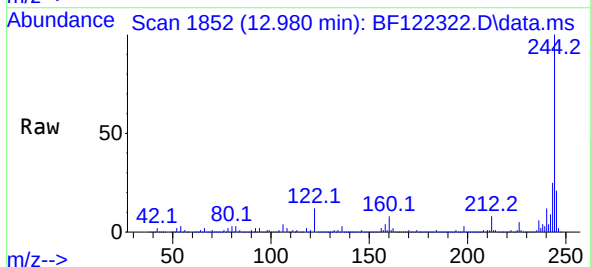
Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.2	13.8
236	25.8	20.9	31.3

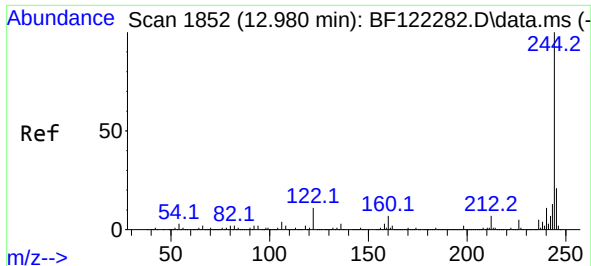


#77
Benzidine
Concen: 2.15 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.259 min
Lab File: BF122322.D
Acq: 12 Nov 2020 18:40

Tgt Ion:184 Resp: 48021

Ion	Ratio	Lower	Upper
184	100		
185	18.2	11.6	17.4#
183	15.2	9.4	14.0#



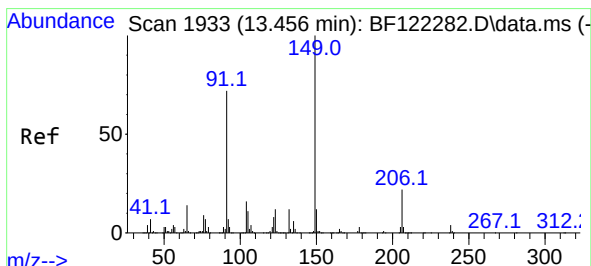
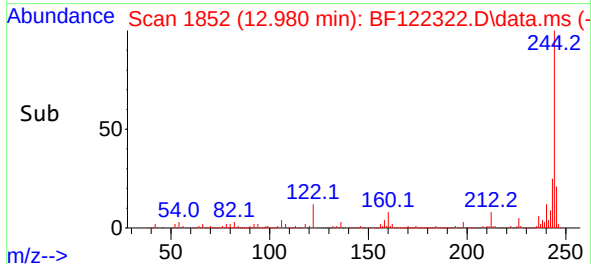
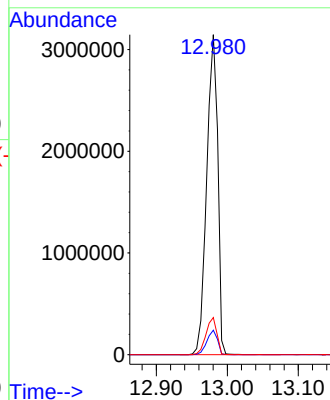
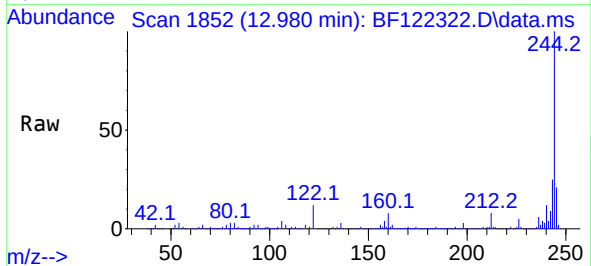


#79
 Terphenyl-d14
 Concen: 89.58 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF122322.D
 Acq: 12 Nov 2020 18:40

Instrument :
 BNA_F
 ClientSampleId :
 M-5(0-10)

Tgt Ion:244 Resp: 3403454

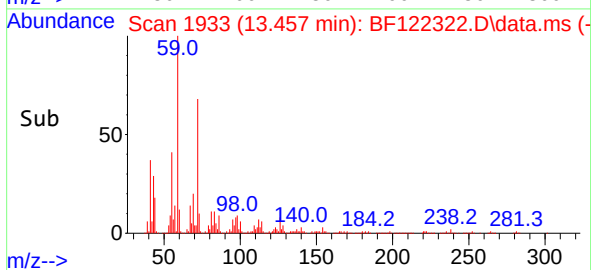
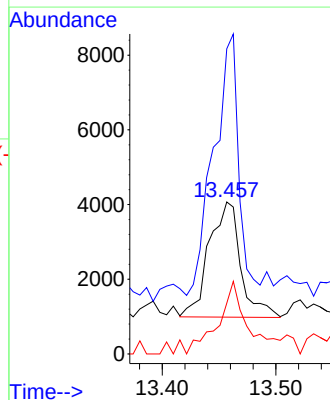
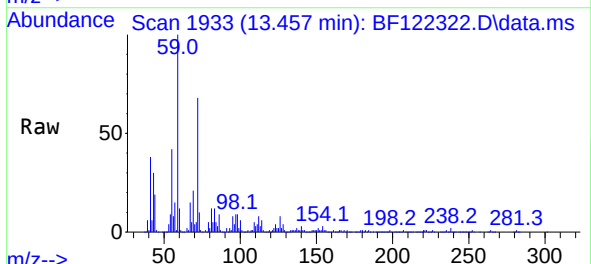
Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.4	8.2
122	11.6	8.1	12.1

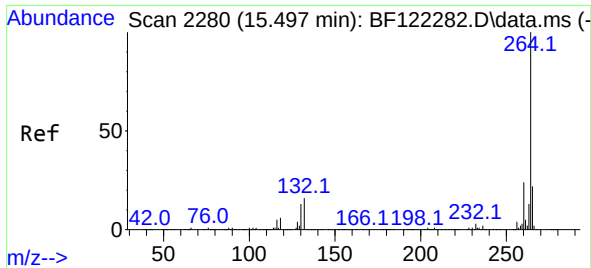


#80
 Butylbenzylphthalate
 Concen: 3.53 ng
 RT: 13.457 min Scan# 1933
 Delta R.T. 0.001 min
 Lab File: BF122322.D
 Acq: 12 Nov 2020 18:40

Tgt Ion:149 Resp: 5959

Ion	Ratio	Lower	Upper
149	100		
91	200.7	61.0	91.4#
206	33.4	16.7	25.1#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. -0.006 min
 Lab File: BF122322.D
 Acq: 12 Nov 2020 18:40

Instrument :
 BNA_F
 ClientSampleId :
 M-5(0-10)

Tgt Ion:264 Resp: 733899

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	22.4	17.3	25.9

