

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112120\
 Data File : BF122430.D
 Acq On : 21 Nov 2020 20:12
 Operator : JU/CG
 Sample : L4839-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B3-9-10

Quant Time: Nov 23 01:00:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 13:27:02 2020
 Response via : Initial Calibration

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

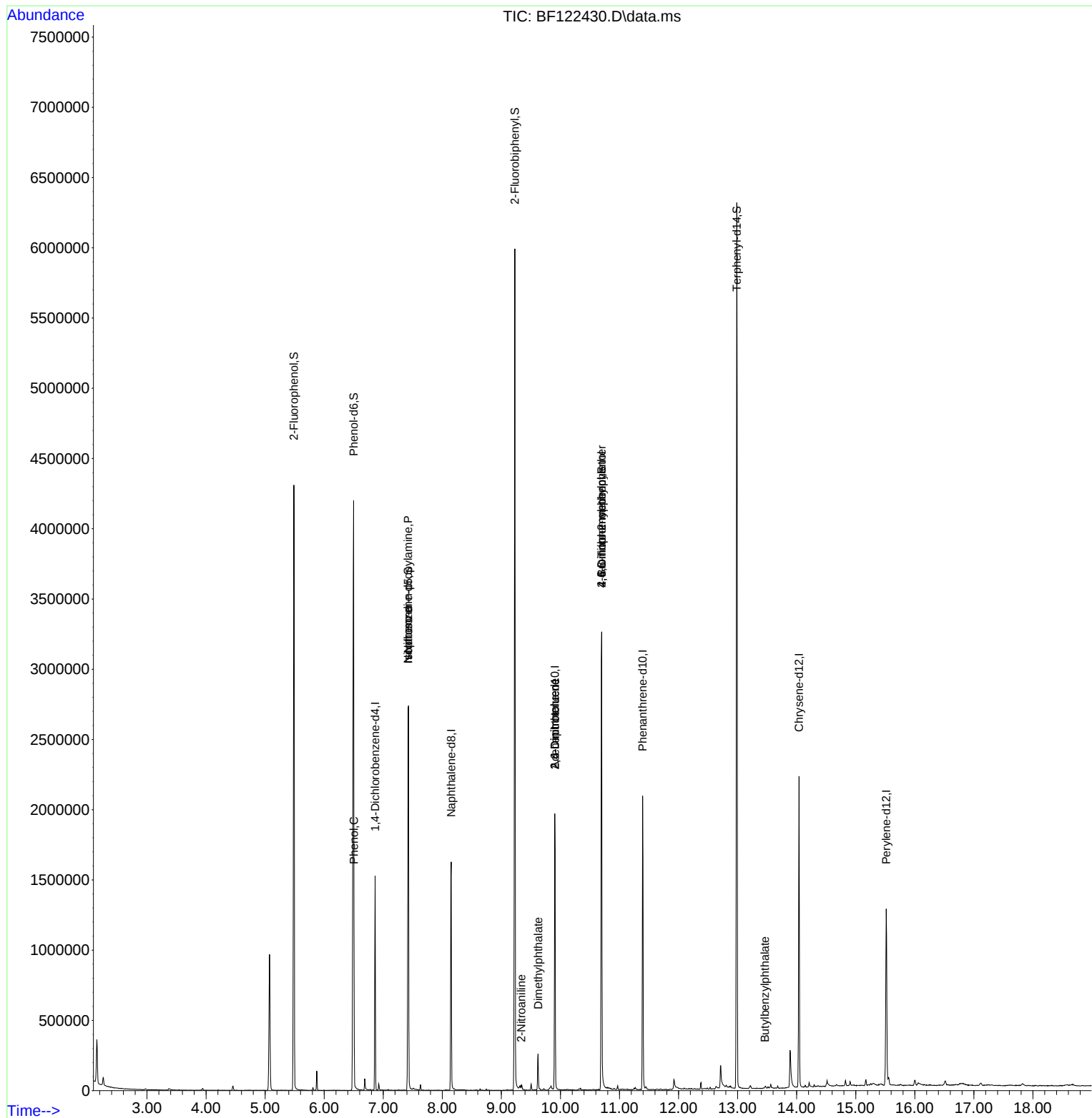
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	202353	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	785557	20.00	ng	# 0.00
39) Acenaphthene-d10	9.904	164	420079	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	786164	20.00	ng	-0.01
76) Chrysene-d12	14.039	240	725780	20.00	ng	-0.01
86) Perylene-d12	15.515	264	629674	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1290027	97.89	ng	0.00
7) Phenol-d6	6.498	99	1629705	94.53	ng	-0.01
23) Nitrobenzene-d5	7.422	82	1023750	79.78	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	456939	101.35	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1851412	68.86	ng	0.00
79) Terphenyl-d14	12.986	244	2135134	62.32	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.498	77	3484	Below Cal	#	3
10) Phenol	6.504	94	91255	5.38	ng	91
19) n-Nitroso-di-n-propyla...	7.422	70	137804	13.38	ng	# 76
25) Isophorone	7.422	82	1014218	35.45	ng	# 67
48) 2-Nitroaniline	9.339	65	120	5.18	ng	# 6
50) Dimethylphthalate	9.622	163	120323	4.03	ng	99
51) 2,6-Dinitrotoluene	9.904	165	53381	11.21	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	53381	10.47	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.698	198	789	6.44	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	29032	3.14	ng	# 1
80) Butylbenzylphthalate	13.463	149	220	3.30	ng	# 70

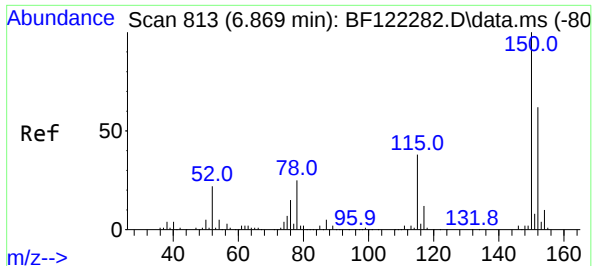
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112120\
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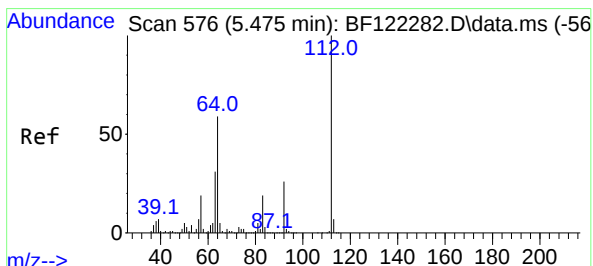
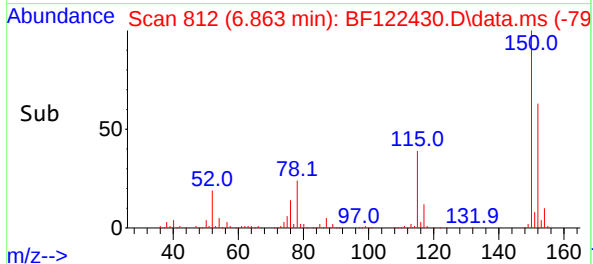
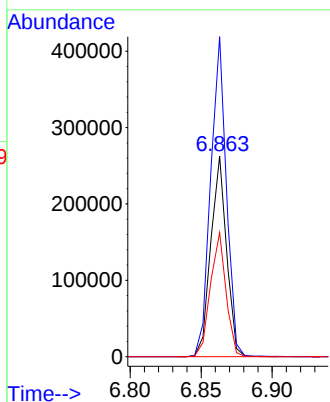
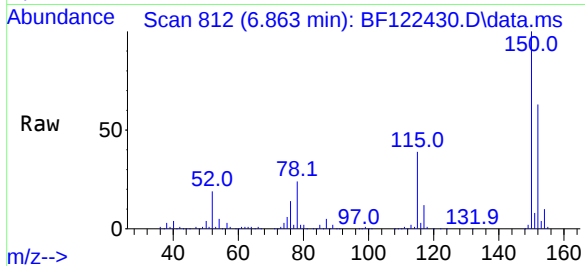




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122430.D
Acq: 21 Nov 2020 20:12

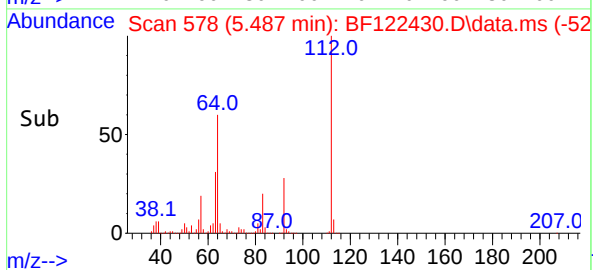
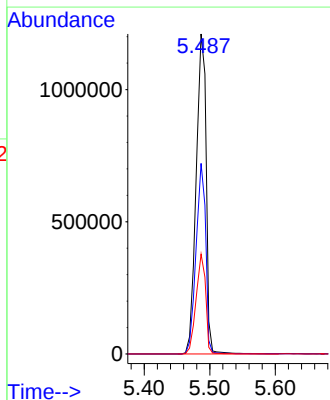
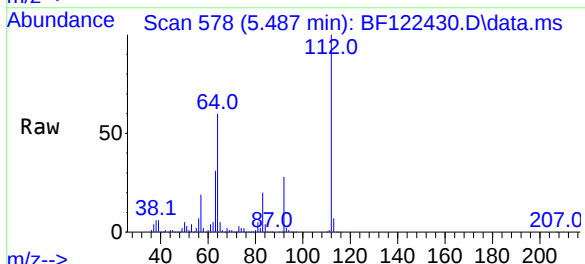
Instrument :
BNA_F
ClientSampleId :
B3-9-10

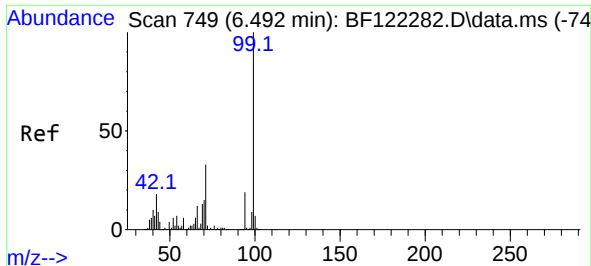
Tgt Ion:152 Resp: 202353
Ion Ratio Lower Upper
152 100
150 159.5 125.3 187.9
115 61.9 51.9 77.9



#5
2-Fluorophenol
Concen: 97.89 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF122430.D
Acq: 21 Nov 2020 20:12

Tgt Ion:112 Resp: 1290027
Ion Ratio Lower Upper
112 100
64 59.6 50.4 75.6
63 31.2 25.8 38.6



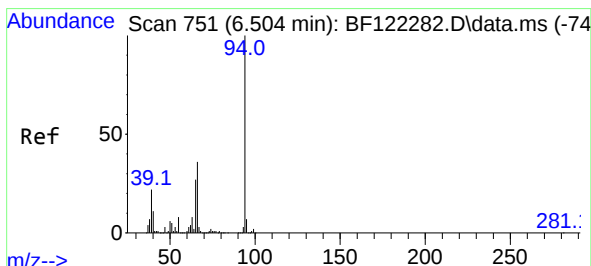
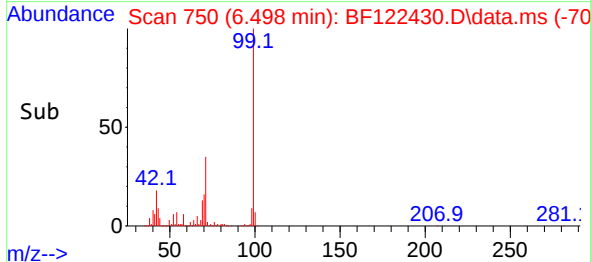
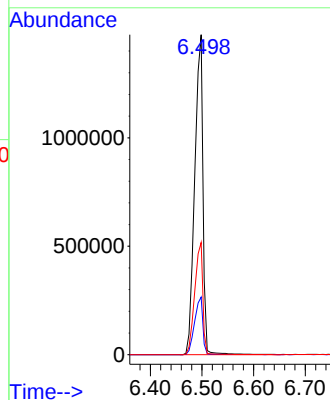
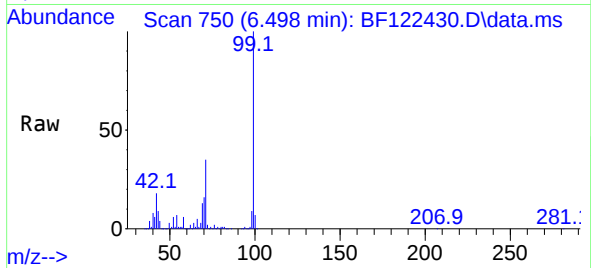


#7
Phenol-d6
Concen: 94.53 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF122430.D
Acq: 21 Nov 2020 20:12

Instrument :
BNA_F
ClientSampleId :
B3-9-10

Tgt Ion: 99 Resp: 1629705

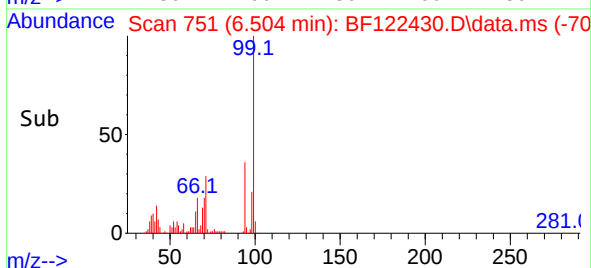
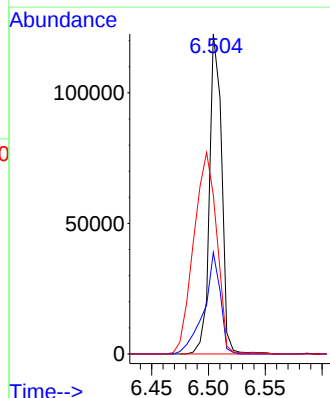
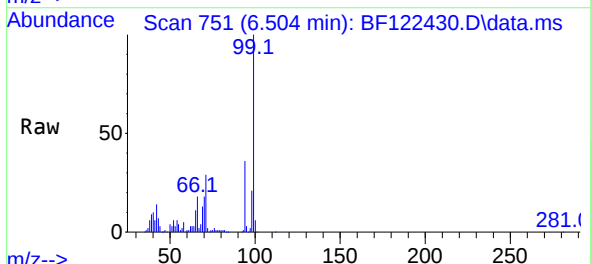
Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.9	23.9
71	35.1	27.1	40.7

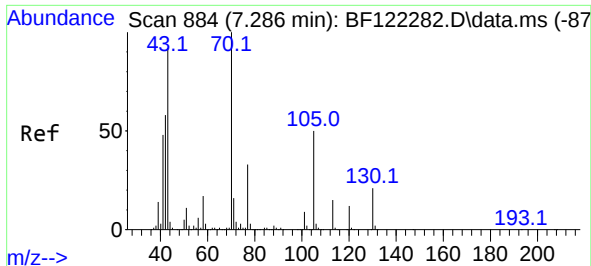


#10
Phenol
Concen: 5.38 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.018 min
Lab File: BF122430.D
Acq: 21 Nov 2020 20:12

Tgt Ion: 94 Resp: 91255

Ion	Ratio	Lower	Upper
94	100		
65	31.7	17.1	57.1
66	49.6	36.0	76.0

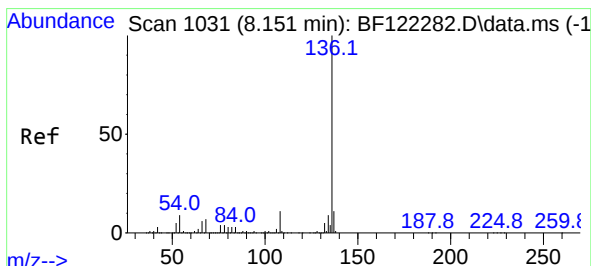
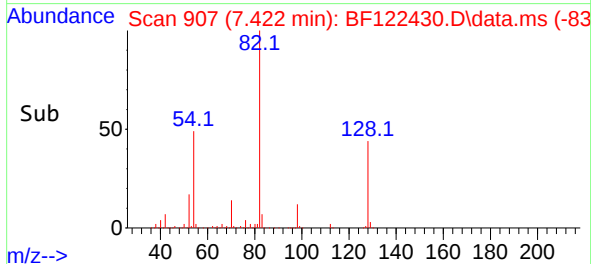
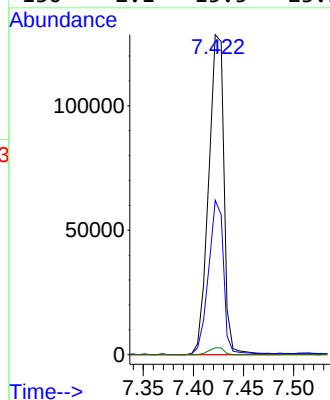
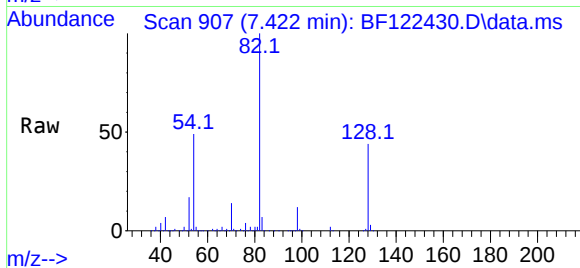




#19
n-Nitroso-di-n-propylamine
Concen: 13.38 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.135 min
Lab File: BF122430.D
Acq: 21 Nov 2020 20:12

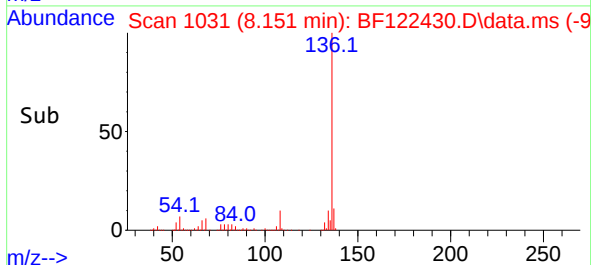
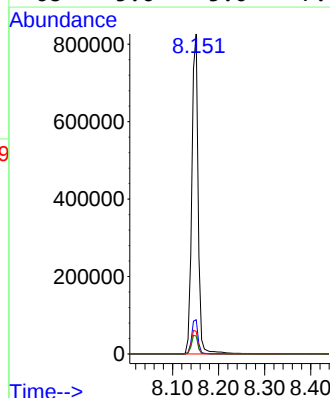
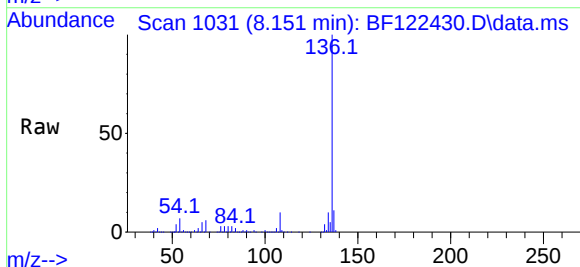
Instrument :
BNA_F
ClientSampleId :
B3-9-10

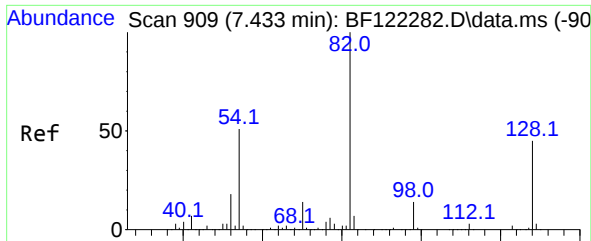
Tgt Ion: 70 Resp: 137804
Ion Ratio Lower Upper
70 100
42 48.3 50.2 75.4#
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF122430.D
Acq: 21 Nov 2020 20:12

Tgt Ion:136 Resp: 785557
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.1 7.1 10.7#
68 5.6 5.0 7.4

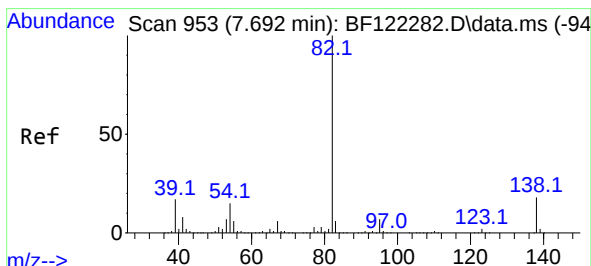
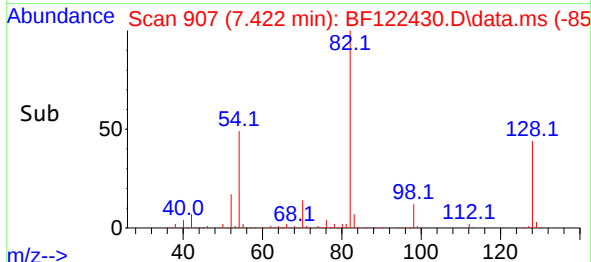
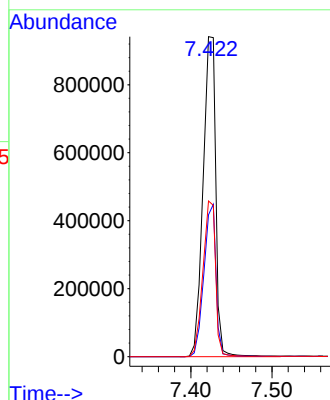
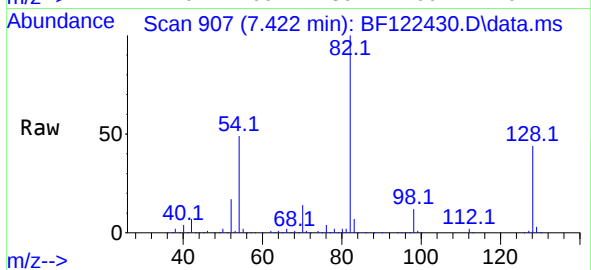




#23
Nitrobenzene-d5
Concen: 79.78 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF122430.D
Acq: 21 Nov 2020 20:12

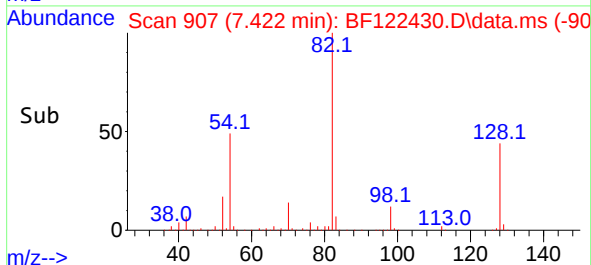
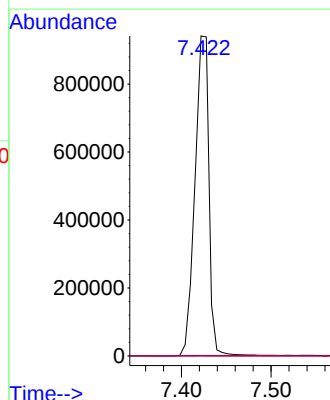
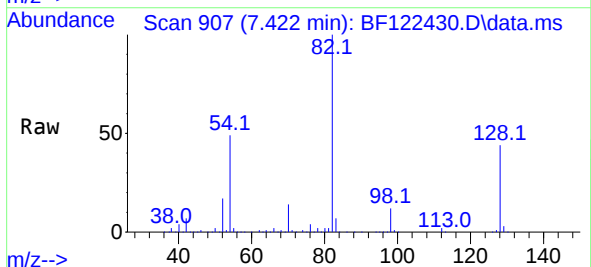
Instrument :
BNA_F
ClientSampled :
B3-9-10

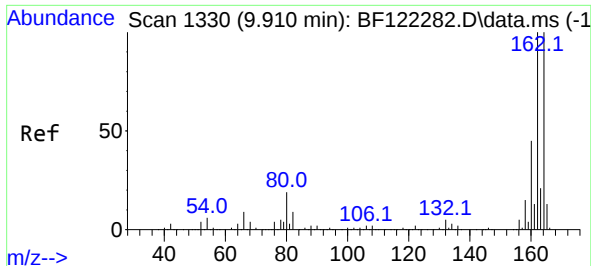
Tgt Ion: 82 Resp: 1023750
Ion Ratio Lower Upper
82 100
128 44.4 35.0 52.4
54 48.7 43.9 65.9



#25
Isophorone
Concen: 35.45 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.271 min
Lab File: BF122430.D
Acq: 21 Nov 2020 20:12

Tgt Ion: 82 Resp: 1014218
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#

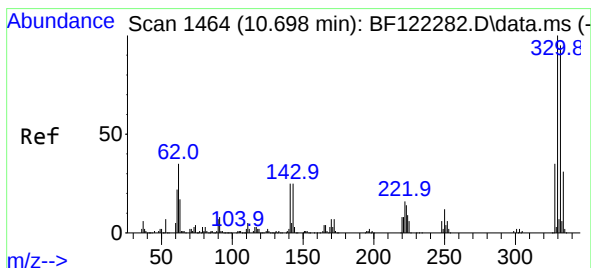
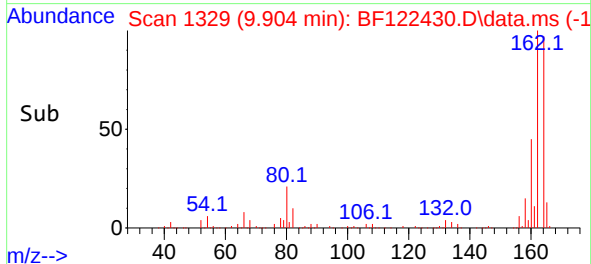
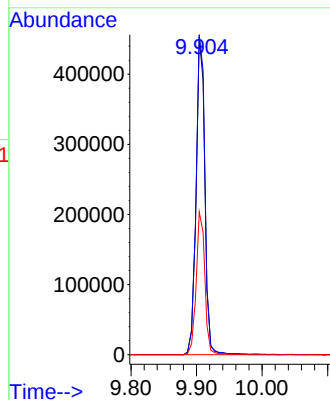
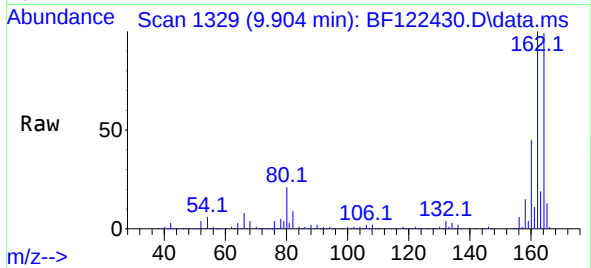




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF122430.D
Acq: 21 Nov 2020 20:12

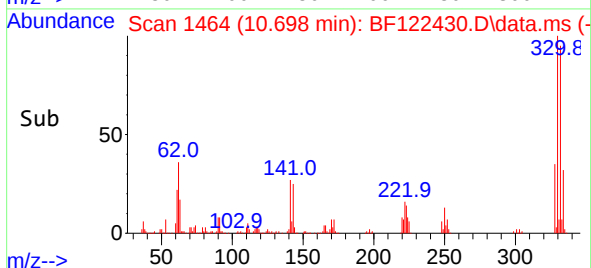
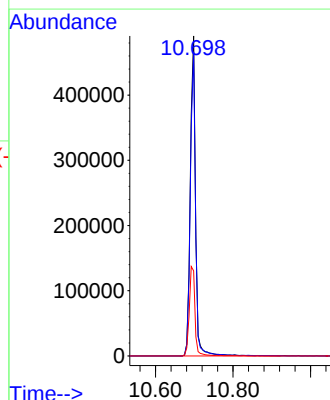
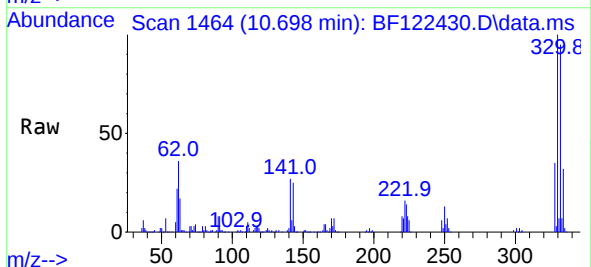
Instrument :
BNA_F
ClientSampled :
B3-9-10

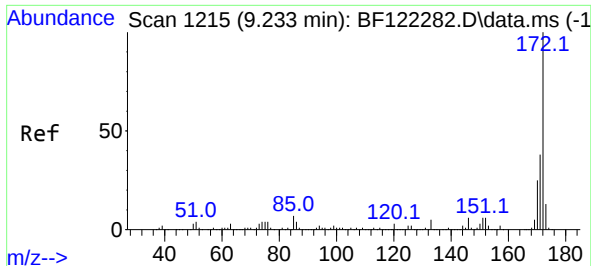
Tgt Ion:164 Resp: 420079
Ion Ratio Lower Upper
164 100
162 100.7 83.2 124.8
160 45.0 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 101.35 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF122430.D
Acq: 21 Nov 2020 20:12

Tgt Ion:330 Resp: 456939
Ion Ratio Lower Upper
330 100
332 95.1 77.3 115.9
141 30.5 22.3 33.5

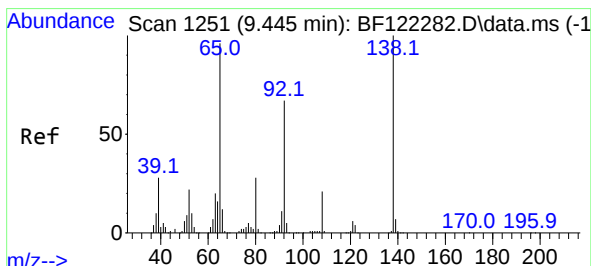
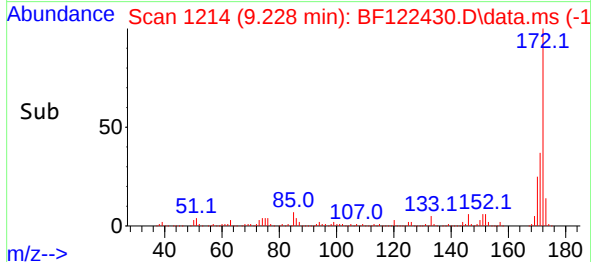
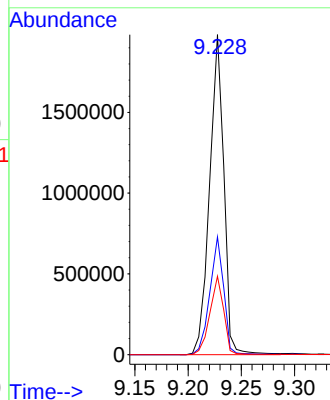
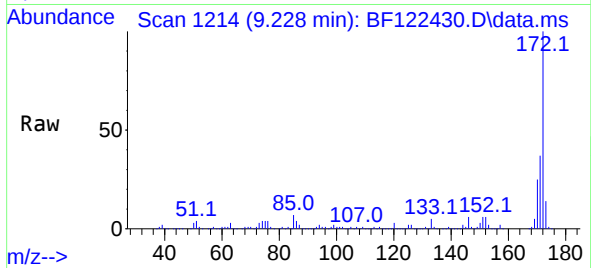




#45
2-Fluorobiphenyl
Concen: 68.86 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122430.D
Acq: 21 Nov 2020 20:12

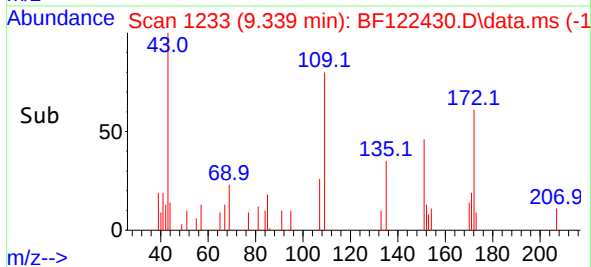
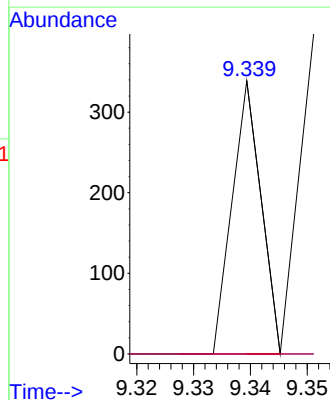
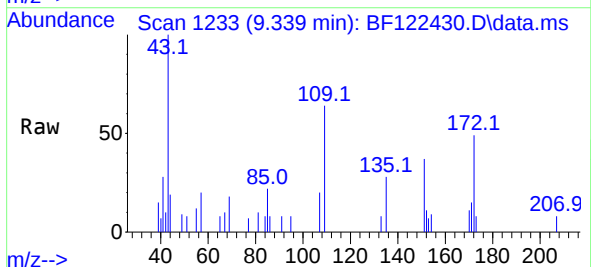
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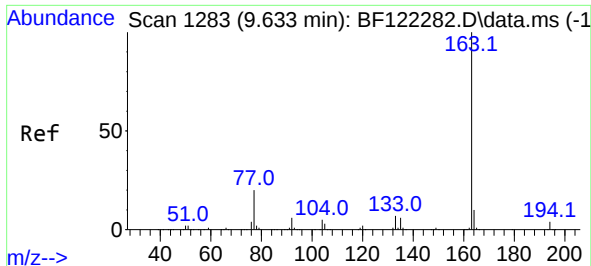
Tgt Ion:172 Resp: 1851412
Ion Ratio Lower Upper
172 100
171 36.8 29.1 43.7
170 24.5 19.8 29.6



#48
2-Nitroaniline
Concen: 5.18 ng
RT: 9.339 min Scan# 1233
Delta R.T. -0.118 min
Lab File: BF122430.D
Acq: 21 Nov 2020 20:12

Tgt Ion: 65 Resp: 120
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#

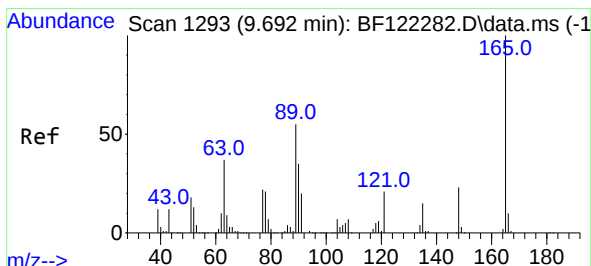
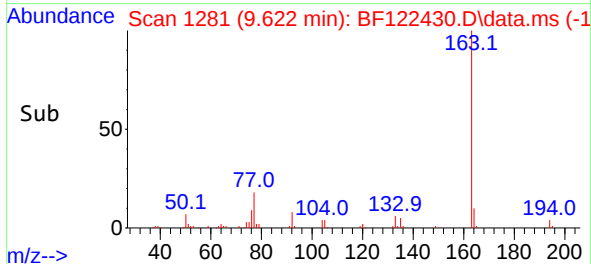
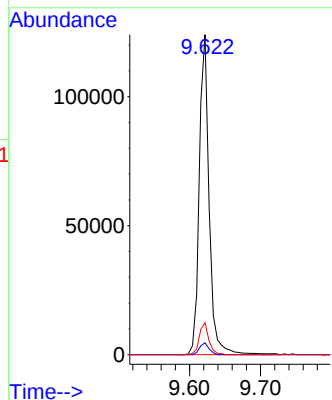
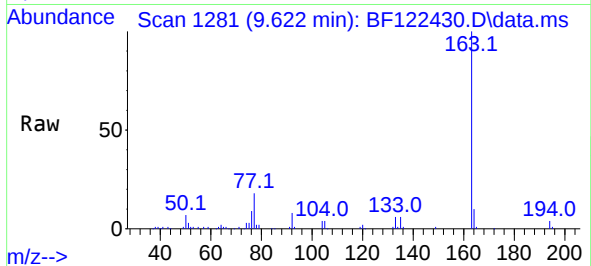




#50
Dimethylphthalate
Concen: 4.03 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF122430.D
Acq: 21 Nov 2020 20:12

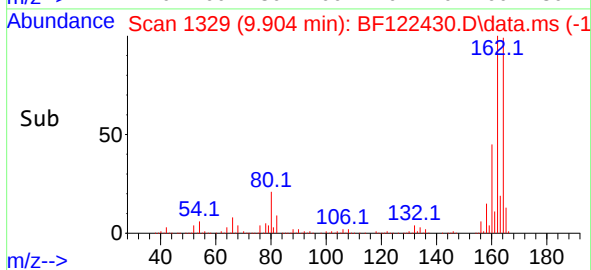
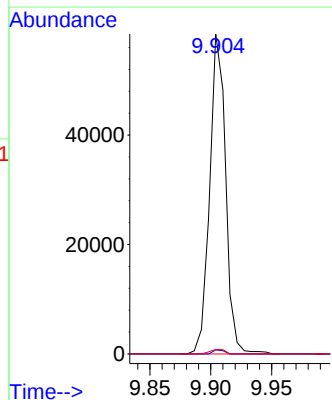
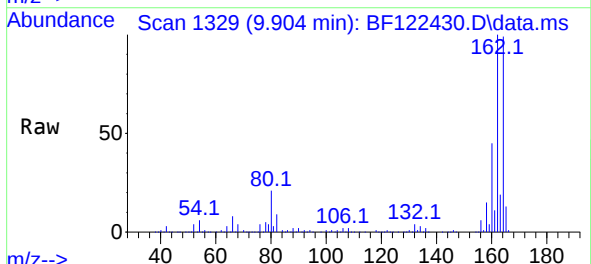
Instrument :
BNA_F
ClientSampleId :
B3-9-10

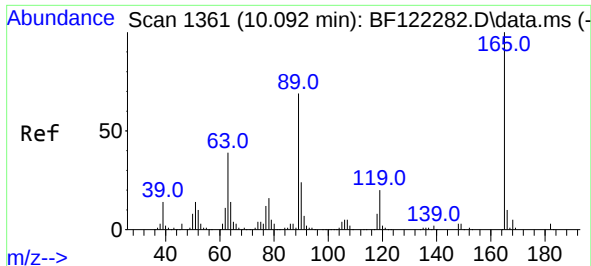
Tgt Ion:163 Resp: 120323
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.0 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 11.21 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF122430.D
Acq: 21 Nov 2020 20:12

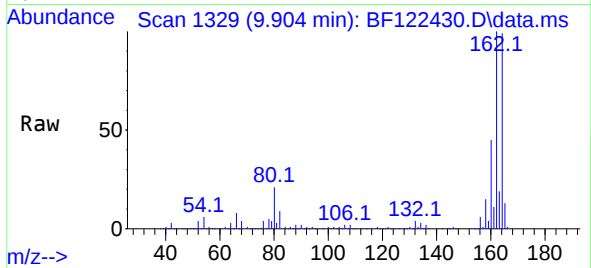
Tgt Ion:165 Resp: 53381
Ion Ratio Lower Upper
165 100
63 1.2 51.8 77.6#
89 1.4 49.0 73.6#



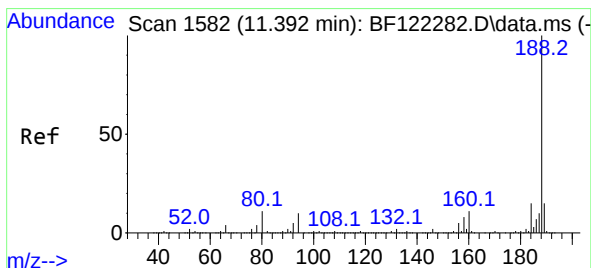
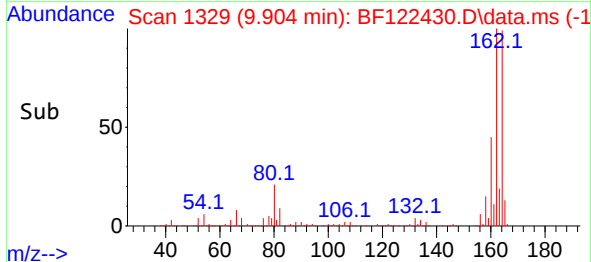
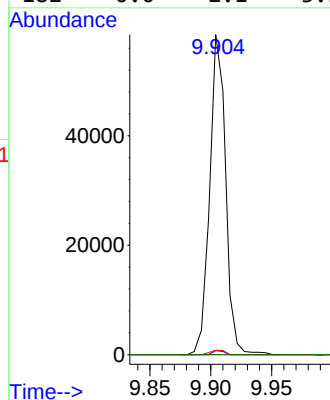


#57
2,4-Dinitrotoluene
Concen: 10.47 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF122430.D
Acq: 21 Nov 2020 20:12

Instrument :
BNA_F
ClientSampled :
B3-9-10

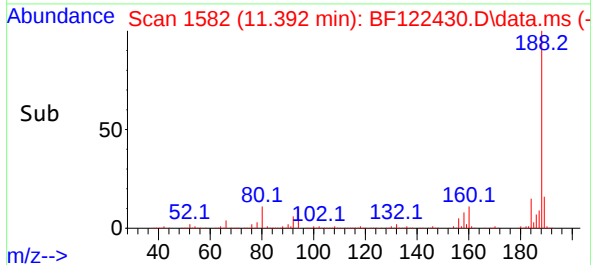
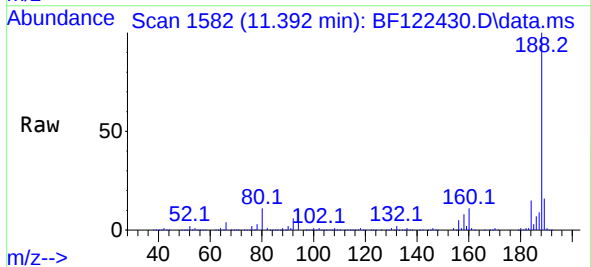
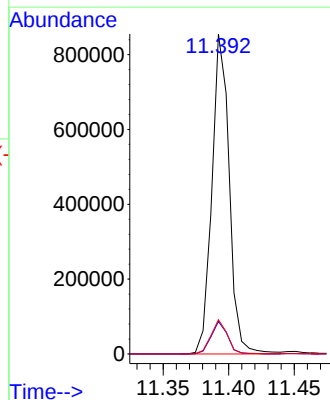


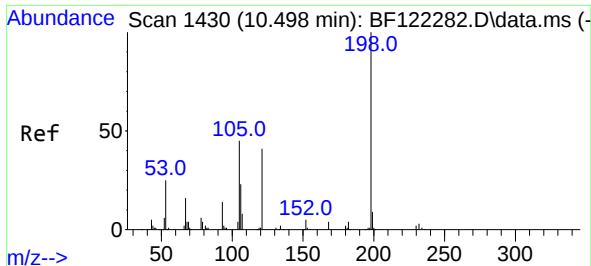
Tgt Ion:165 Resp: 53381
Ion Ratio Lower Upper
165 100
63 1.2 41.3 61.9#
89 1.4 61.8 92.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF122430.D
Acq: 21 Nov 2020 20:12

Tgt Ion:188 Resp: 786164
Ion Ratio Lower Upper
188 100
94 10.2 8.3 12.5
80 10.7 9.1 13.7

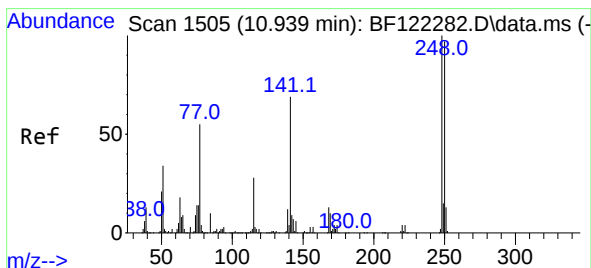
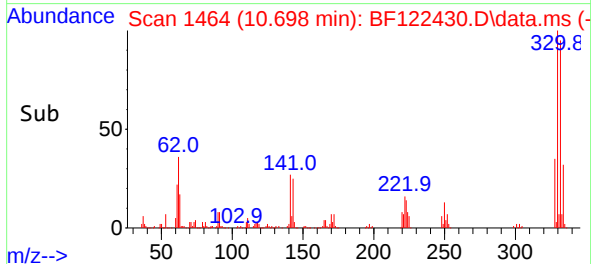
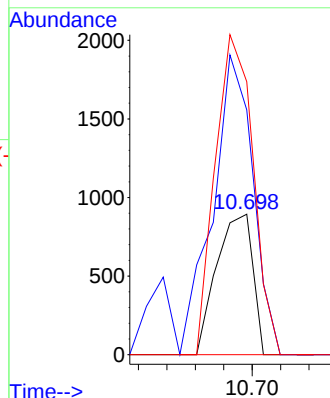
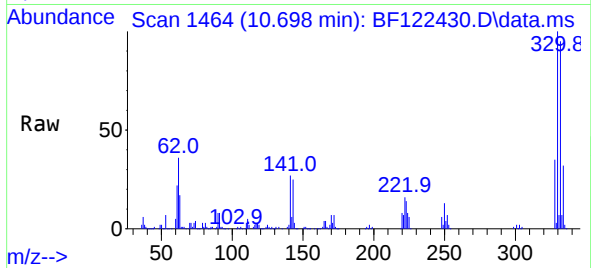




#65
4,6-Dinitro-2-methylphenol
Concen: 6.44 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.188 min
Lab File: BF122430.D
Acq: 21 Nov 2020 20:12

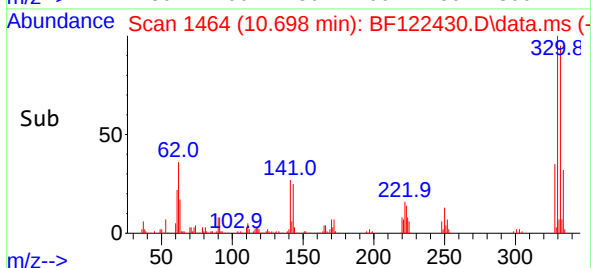
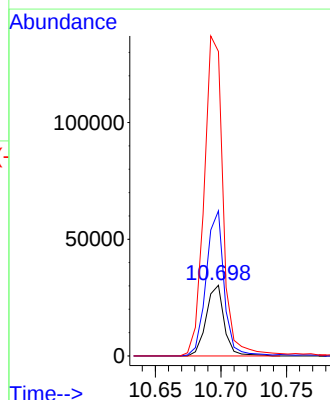
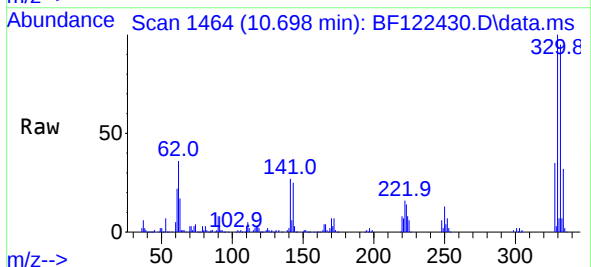
Instrument :
BNA_F
ClientSampled :
B3-9-10

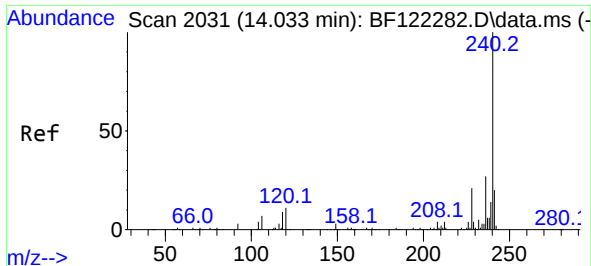
Tgt Ion:198 Resp: 789
Ion Ratio Lower Upper
198 100
51 174.3 29.6 69.6#
105 194.3 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 3.14 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF122430.D
Acq: 21 Nov 2020 20:12

Tgt Ion:248 Resp: 29032
Ion Ratio Lower Upper
248 100
250 205.3 77.0 115.6#
141 430.6 53.7 80.5#

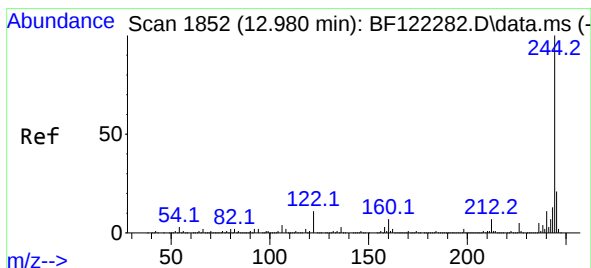
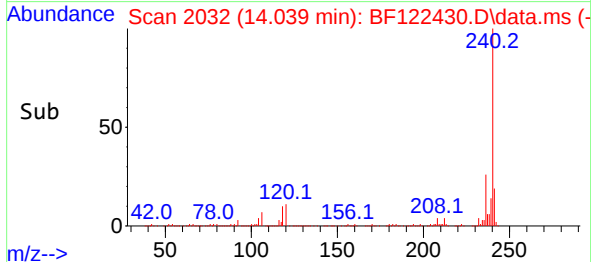
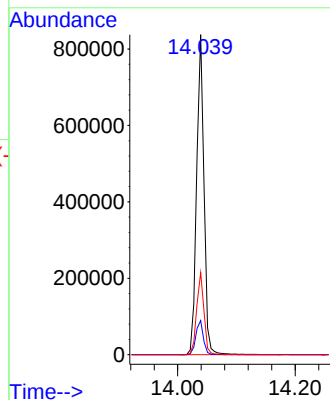
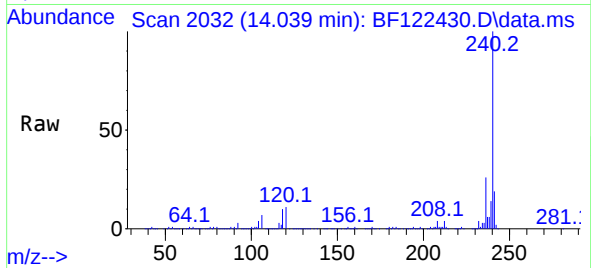




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF122430.D
Acq: 21 Nov 2020 20:12

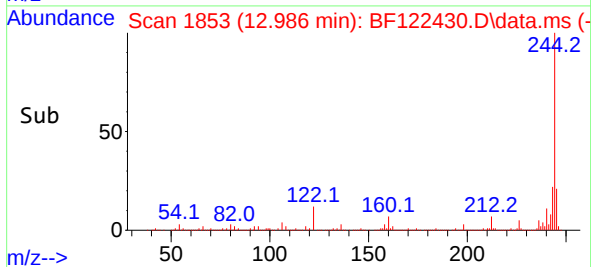
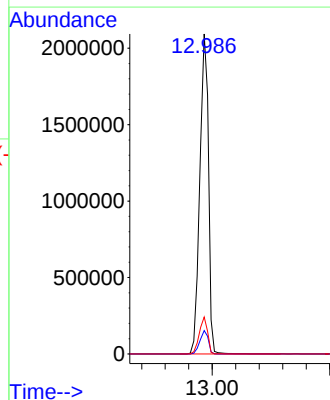
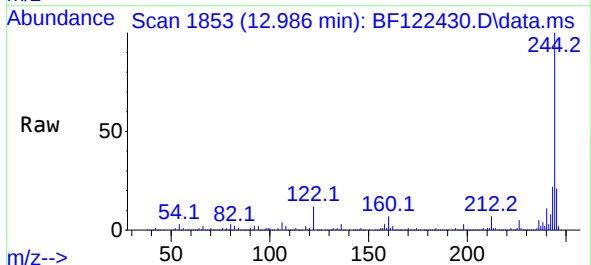
Instrument :
BNA_F
ClientSampleId :
B3-9-10

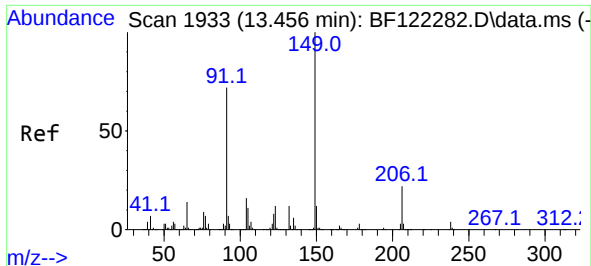
Tgt Ion:240 Resp: 725780
Ion Ratio Lower Upper
240 100
120 10.6 9.2 13.8
236 25.6 20.9 31.3



#79
Terphenyl-d14
Concen: 62.32 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF122430.D
Acq: 21 Nov 2020 20:12

Tgt Ion:244 Resp: 2135134
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.2
122 11.5 8.1 12.1

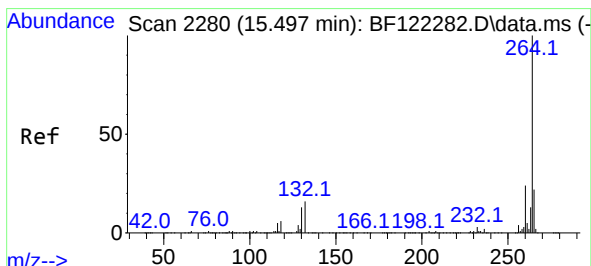
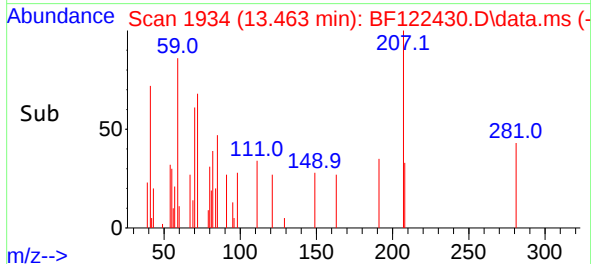
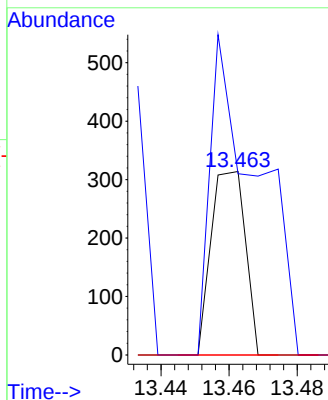
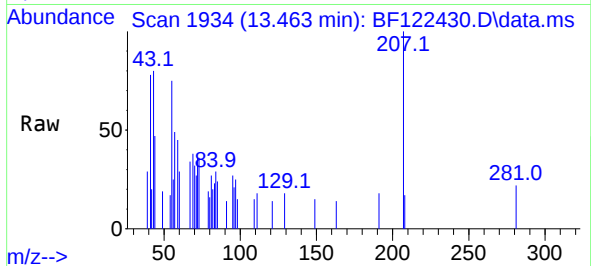




#80
Butylbenzylphthalate
Concen: 3.30 ng
RT: 13.463 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BF122430.D
Acq: 21 Nov 2020 20:12

Instrument :
BNA_F
ClientSampleId :
B3-9-10

Tgt Ion:	149	Resp:	220
Ion	Ratio	Lower	Upper
149	100		
91	98.7	61.0	91.4#
206	0.0	16.7	25.1#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.018 min
Lab File: BF122430.D
Acq: 21 Nov 2020 20:12

Tgt Ion:	264	Resp:	629674
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.8	17.3	25.9

