

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112020\
 Data File : BF122403.D
 Acq On : 20 Nov 2020 15:05
 Operator : JU/CG
 Sample : L4809-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MS-CON-B

Quant Time: Nov 20 15:33:28 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)

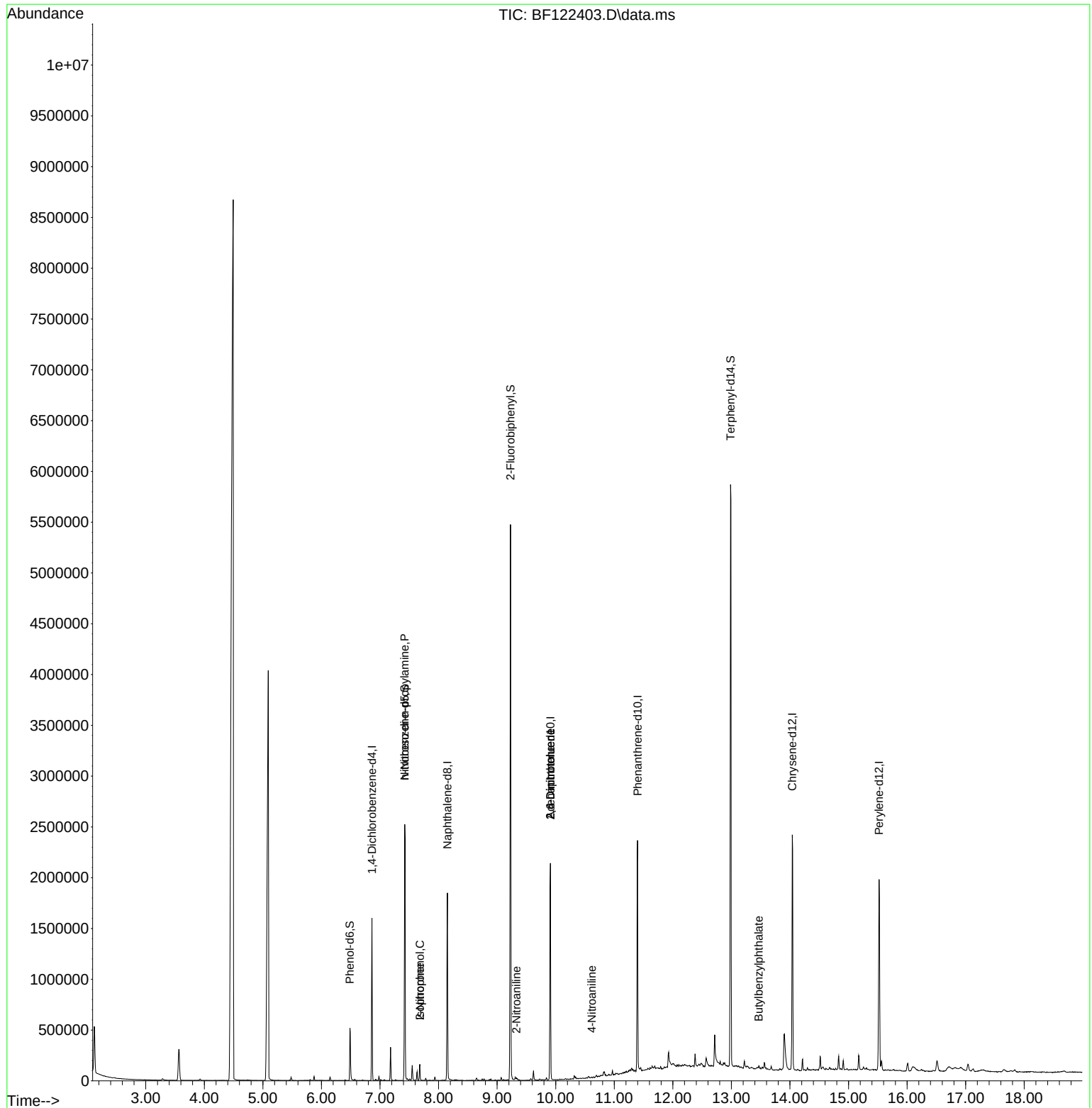
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	210017	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	825006	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	446468	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	853071	20.00	ng	0.00
76) Chrysene-d12	14.039	240	855722	20.00	ng	-0.01
86) Perylene-d12	15.521	264	898771	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	9465	0.69	ng	-0.01
7) Phenol-d6	6.487	99	188128	10.51	ng	-0.02
23) Nitrobenzene-d5	7.422	82	865752	64.24	ng	-0.01
42) 2,4,6-Tribromophenol	0.000	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.227	172	1658638	58.05	ng	0.00
79) Terphenyl-d14	12.986	244	1993283	49.35	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.404	77	225	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.422	70	116552	10.90	ng	# 72
25) Isophorone	7.681	82	63512	2.11	ng	97
26) 2-Nitrophenol	7.681	139	1158	6.96	ng	# 57
48) 2-Nitroaniline	9.328	65	173	5.19	ng	# 6
51) 2,6-Dinitrotoluene	9.910	165	58074	11.38	ng	# 21
57) 2,4-Dinitrotoluene	9.910	165	58074	10.60	ng	# 20
62) 4-Nitroaniline	10.616	138	107	3.40	ng	# 19
80) Butylbenzylphthalate	13.468	149	581	3.31	ng	# 63

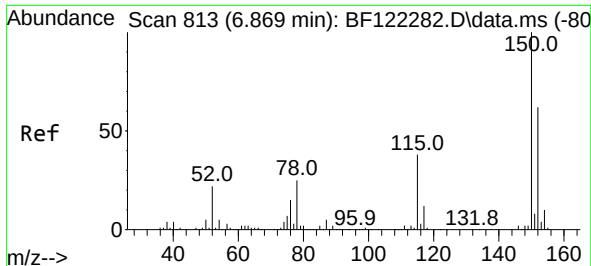
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112020\
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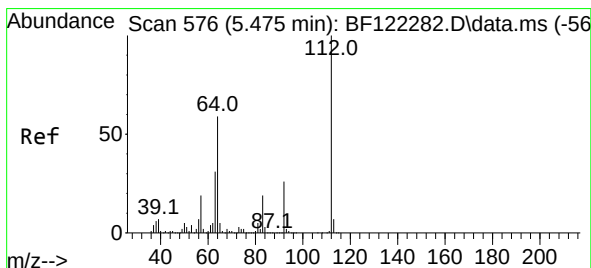
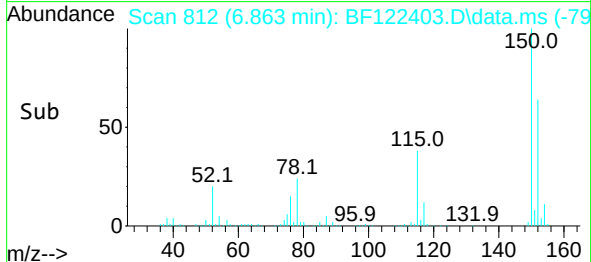
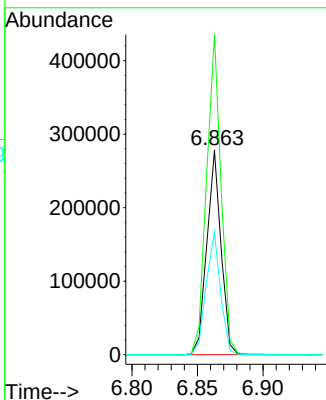
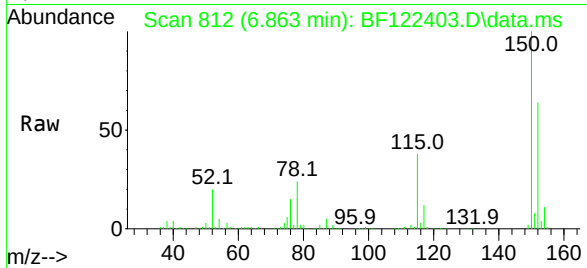




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122403.D
Acq: 20 Nov 2020 15:05

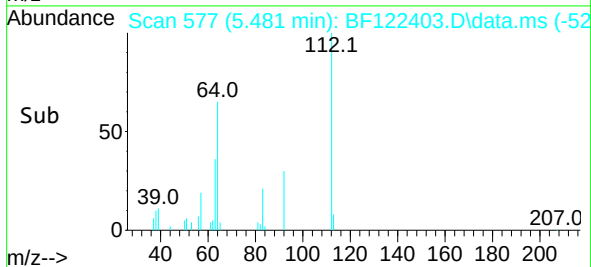
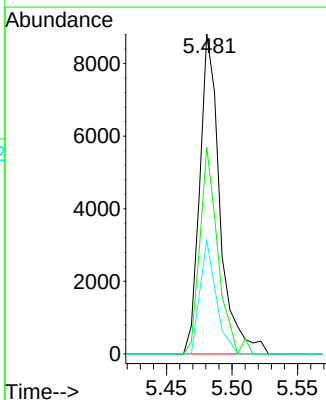
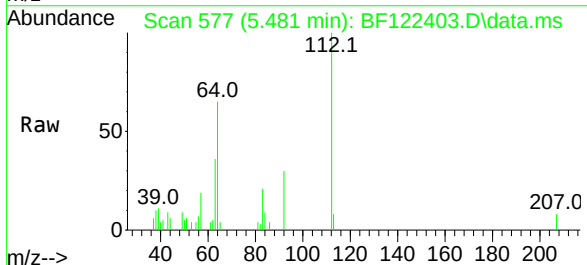
Instrument :
BNA_F
ClientSampleId :
MS-CON-B

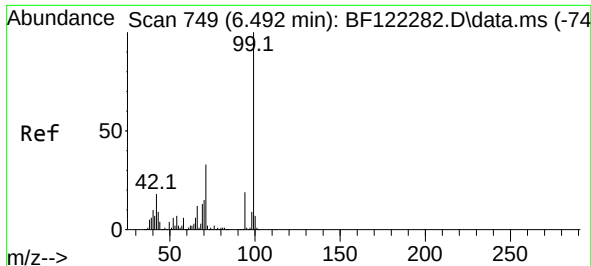
Tgt Ion:152 Resp: 210017
Ion Ratio Lower Upper
152 100
150 156.6 125.3 187.9
115 59.8 51.9 77.9



#5
2-Fluorophenol
Concen: 0.69 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.012 min
Lab File: BF122403.D
Acq: 20 Nov 2020 15:05

Tgt Ion:112 Resp: 9465
Ion Ratio Lower Upper
112 100
64 64.6 50.4 75.6
63 35.5 25.8 38.6

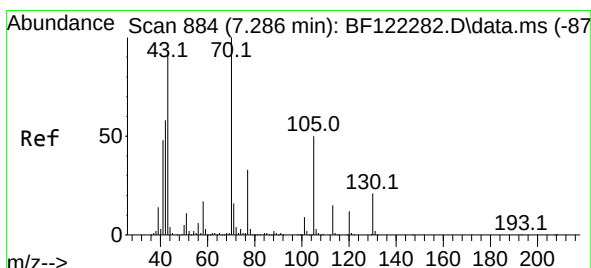
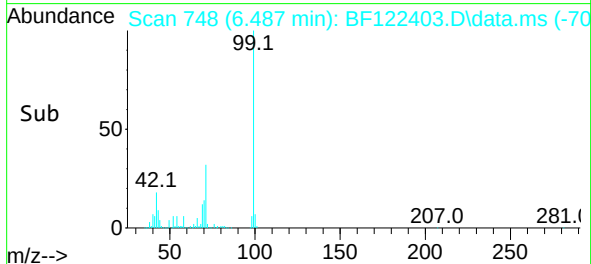
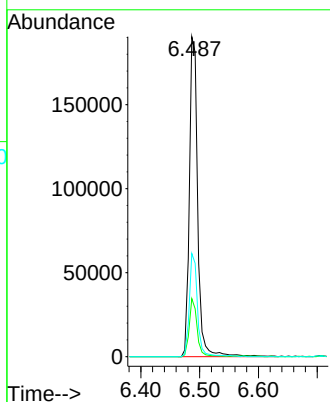
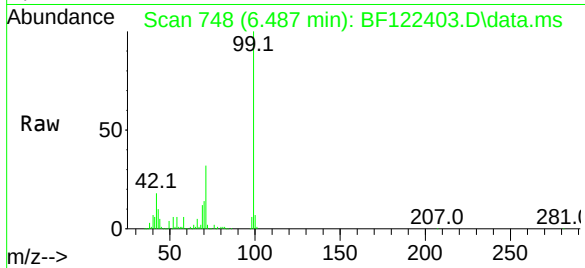




#7
Phenol-d6
Concen: 10.51 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.024 min
Lab File: BF122403.D
Acq: 20 Nov 2020 15:05

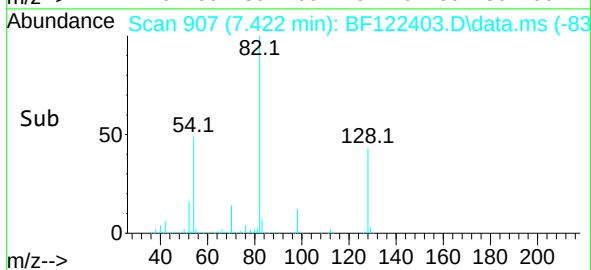
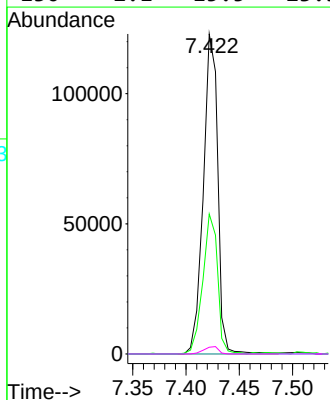
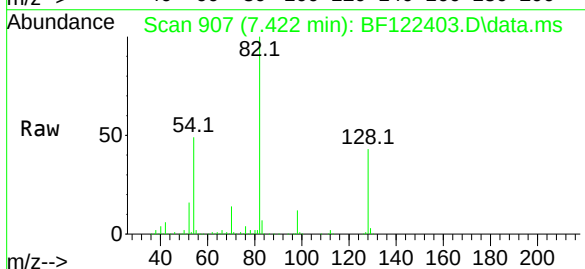
Instrument :
BNA_F
ClientSampleId :
MS-CON-B

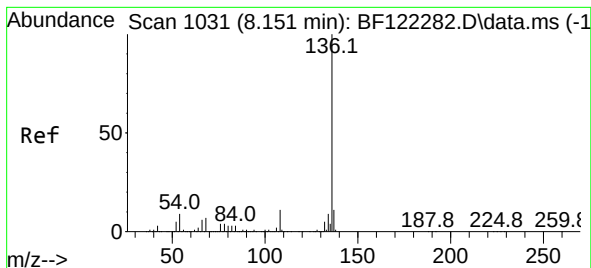
Tgt Ion: 99 Resp: 188128
Ion Ratio Lower Upper
99 100
42 18.2 15.9 23.9
71 32.2 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 10.90 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.135 min
Lab File: BF122403.D
Acq: 20 Nov 2020 15:05

Tgt Ion: 70 Resp: 116552
Ion Ratio Lower Upper
70 100
42 43.8 50.2 75.4#
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#

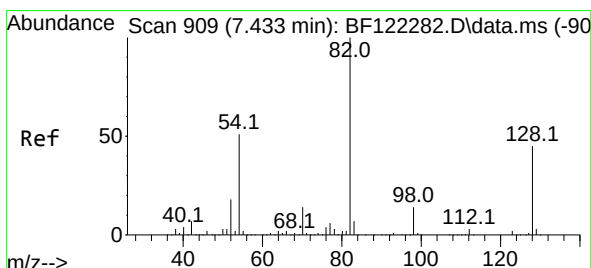
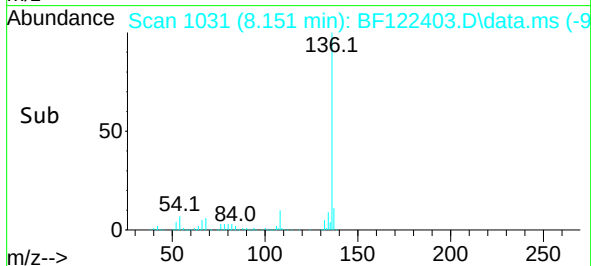
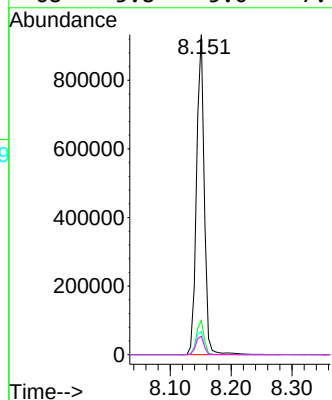
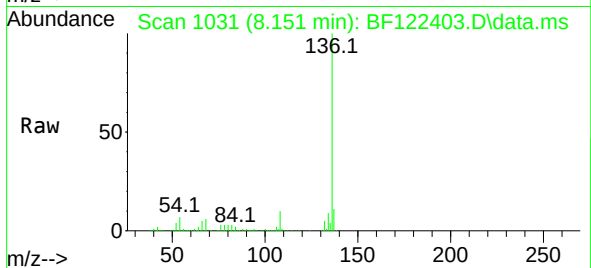




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF122403.D
Acq: 20 Nov 2020 15:05

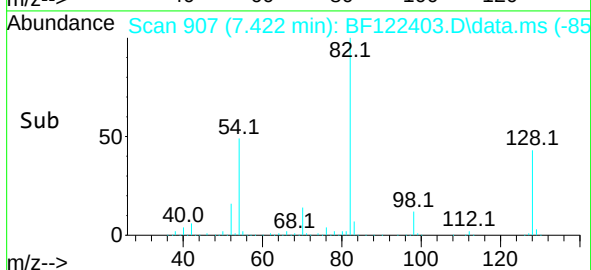
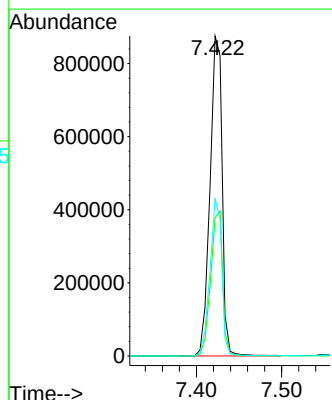
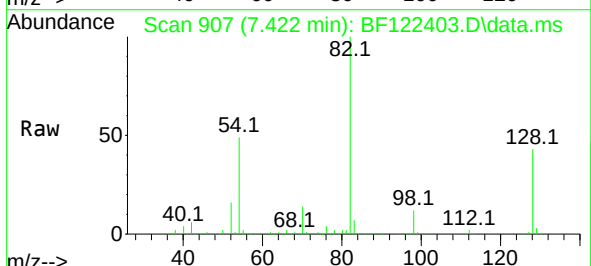
Instrument :
BNA_F
ClientSampleId :
MS-CON-B

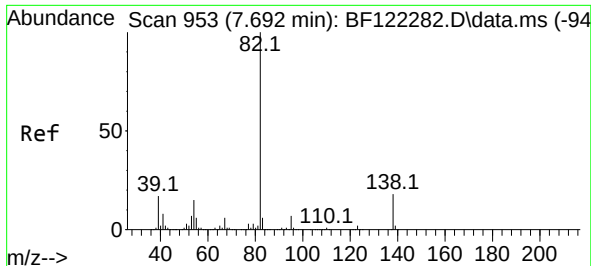
Tgt Ion:136	Resp: 825006
Ion Ratio	Lower Upper
136 100	
137 10.7	8.6 13.0
54 7.3	7.1 10.7
68 5.8	5.0 7.4



#23
Nitrobenzene-d5
Concen: 64.24 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF122403.D
Acq: 20 Nov 2020 15:05

Tgt Ion: 82	Resp: 865752
Ion Ratio	Lower Upper
82 100	
128 43.2	35.0 52.4
54 49.1	43.9 65.9

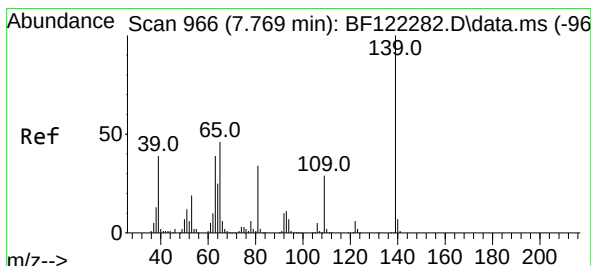
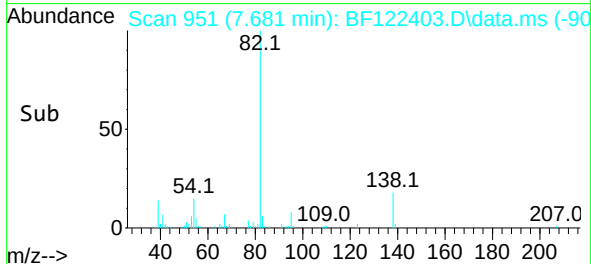
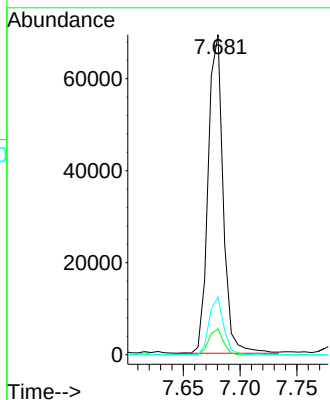
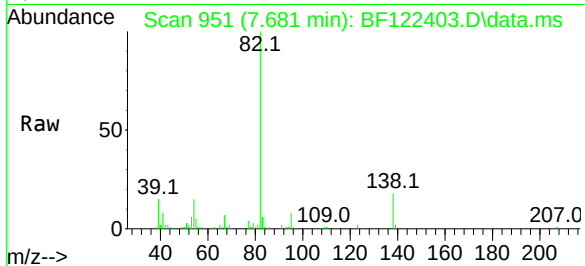




#25
Isophorone
Concen: 2.11 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF122403.D
Acq: 20 Nov 2020 15:05

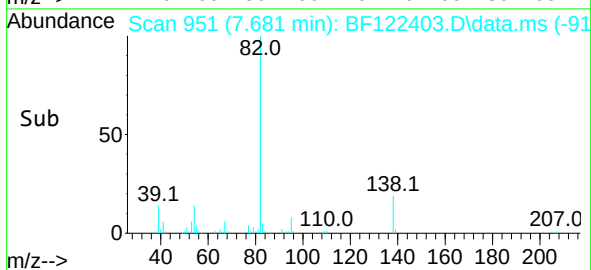
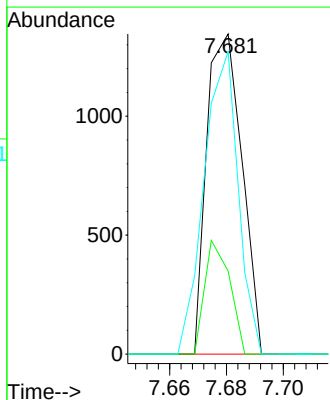
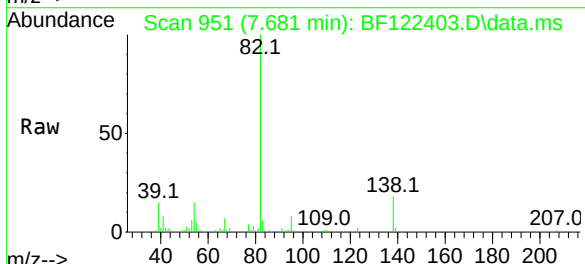
Instrument :
BNA_F
ClientSampleId :
MS-CON-B

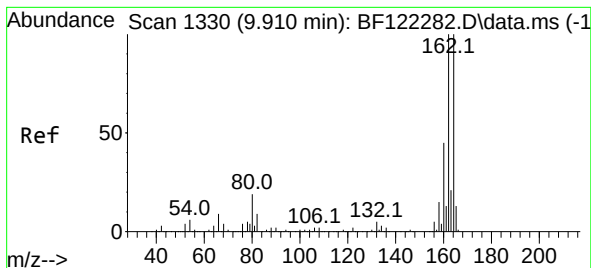
Tgt Ion: 82 Resp: 63512
Ion Ratio Lower Upper
82 100
95 8.0 5.4 8.0
138 18.0 13.4 20.0



#26
2-Nitrophenol
Concen: 6.96 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.088 min
Lab File: BF122403.D
Acq: 20 Nov 2020 15:05

Tgt Ion:139 Resp: 1158
Ion Ratio Lower Upper
139 100
109 25.9 23.0 34.4
65 94.5 39.9 59.9#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.910 min Scan# 1330

Delta R.T. -0.006 min

Lab File: BF122403.D

Acq: 20 Nov 2020 15:05

Instrument :

BNA_F

ClientSampleId :

MS-CON-B

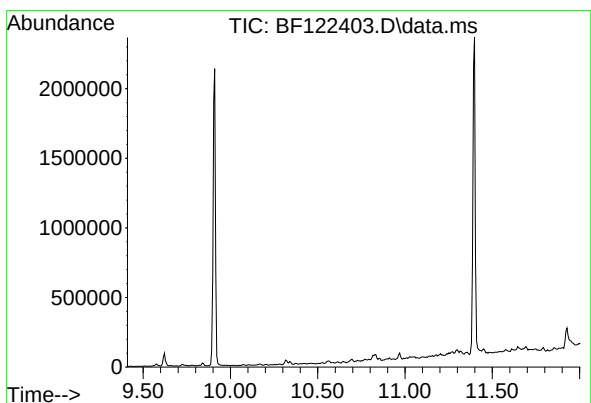
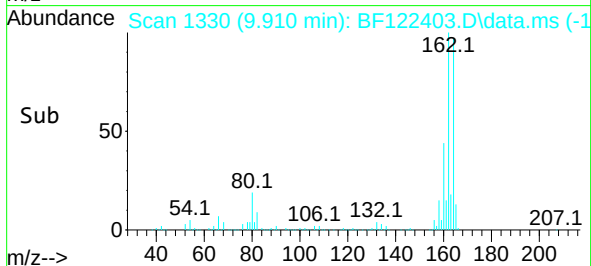
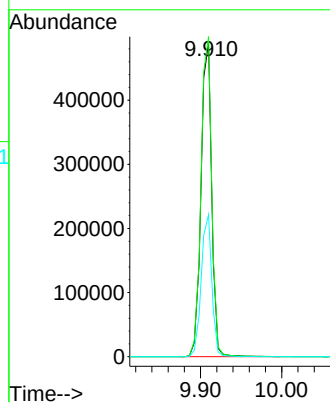
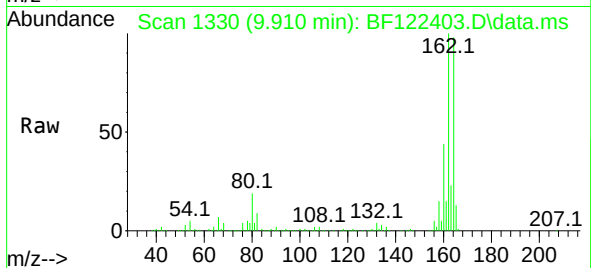
Tgt Ion:164 Resp: 446468

Ion Ratio Lower Upper

164 100

162 101.9 83.2 124.8

160 45.3 37.5 56.3



#42

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 10.70 min

Lab File: BF122403.D

Acq: 20 Nov 2020 15:05

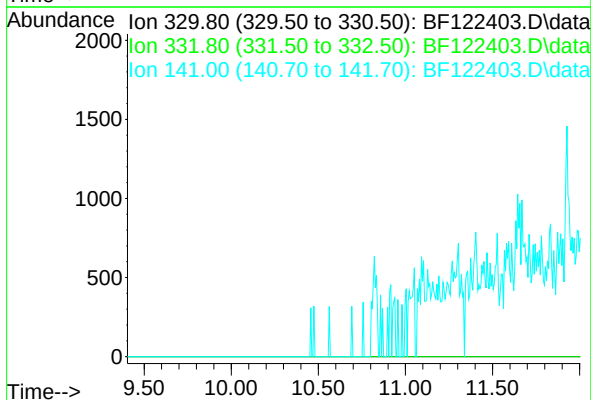
Tgt Ion: 330

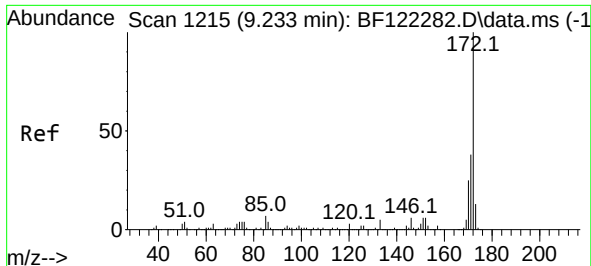
Sig Exp Ratio

330 100

332 96.6

141 27.9

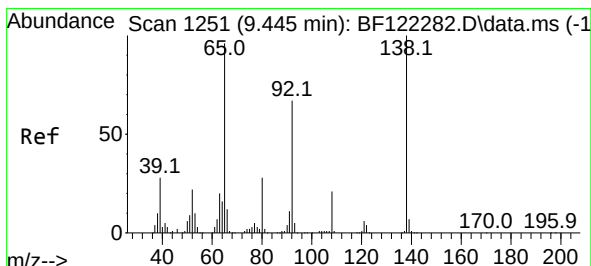
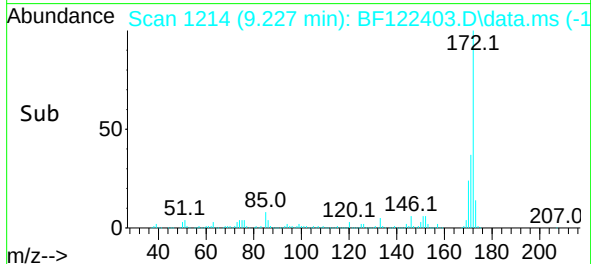
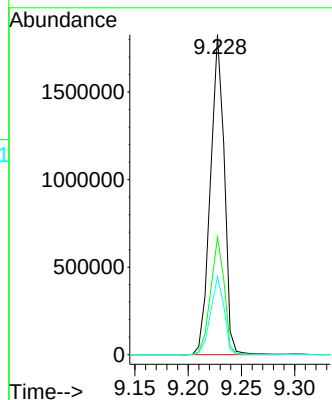
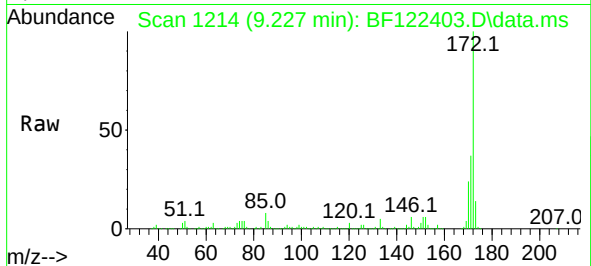




#45
2-Fluorobiphenyl
Concen: 58.05 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122403.D
Acq: 20 Nov 2020 15:05

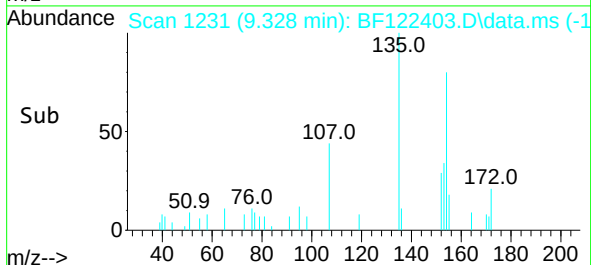
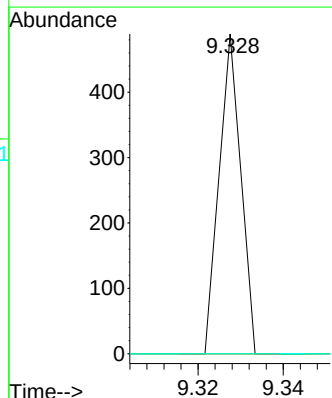
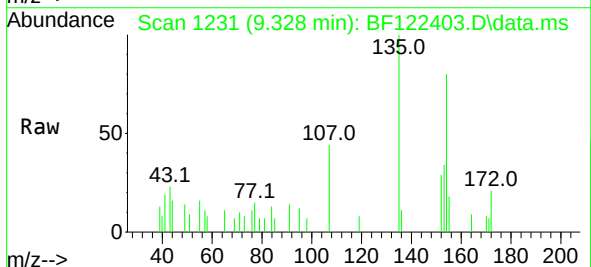
Instrument :
BNA_F
ClientSampleId :
MS-CON-B

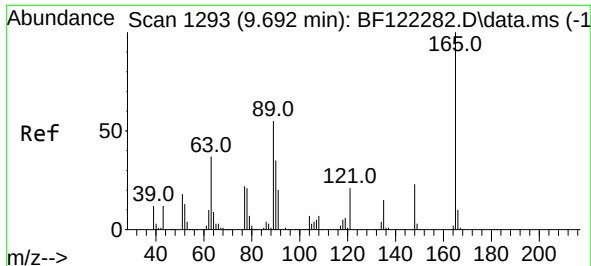
Tgt Ion:172 Resp: 1658638
Ion Ratio Lower Upper
172 100
171 36.8 29.1 43.7
170 24.5 19.8 29.6



#48
2-Nitroaniline
Concen: 5.19 ng
RT: 9.328 min Scan# 1231
Delta R.T. -0.130 min
Lab File: BF122403.D
Acq: 20 Nov 2020 15:05

Tgt Ion: 65 Resp: 173
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#

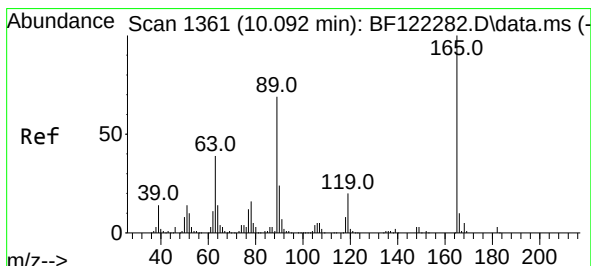
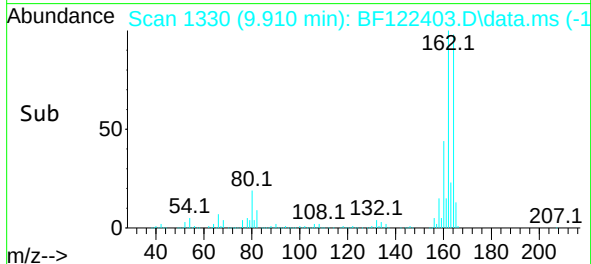
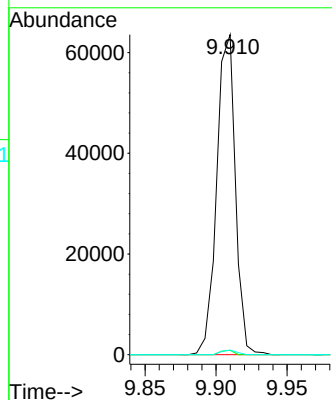
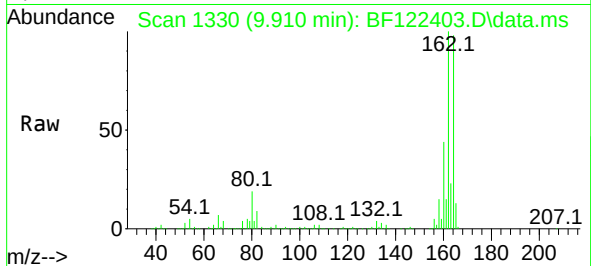




#51
2,6-Dinitrotoluene
Concen: 11.38 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF122403.D
Acq: 20 Nov 2020 15:05

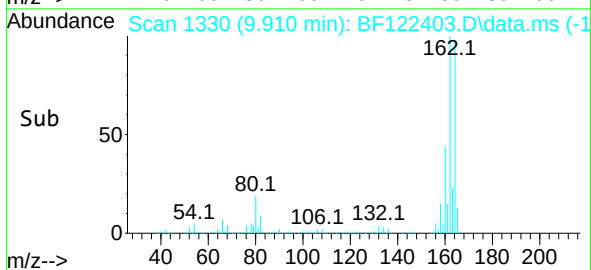
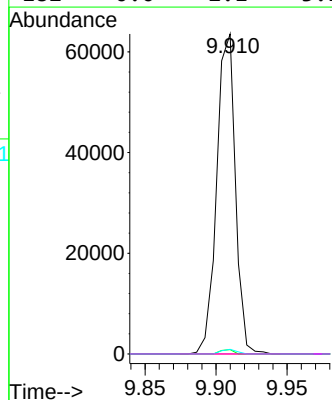
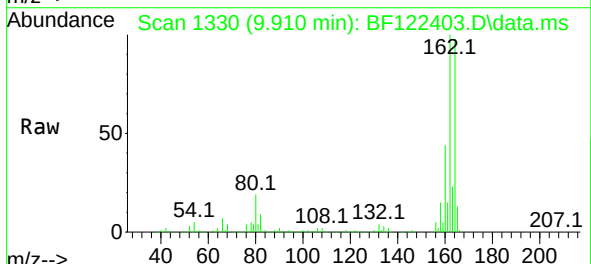
Instrument :
BNA_F
ClientSampled :
MS-CON-B

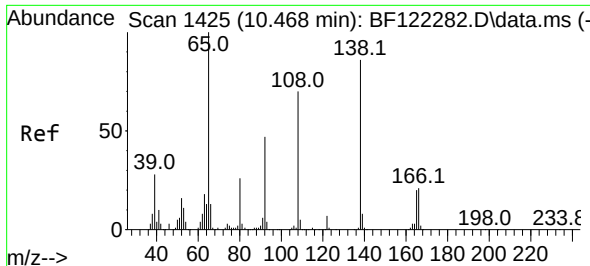
Tgt Ion:165 Resp: 58074
Ion Ratio Lower Upper
165 100
63 1.4 51.8 77.6#
89 1.5 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 10.60 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF122403.D
Acq: 20 Nov 2020 15:05

Tgt Ion:165 Resp: 58074
Ion Ratio Lower Upper
165 100
63 1.4 41.3 61.9#
89 1.5 61.8 92.8#
182 0.0 2.1 3.1#

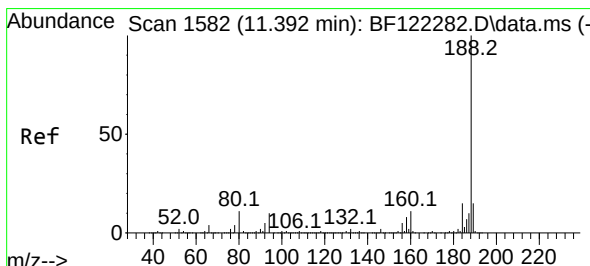
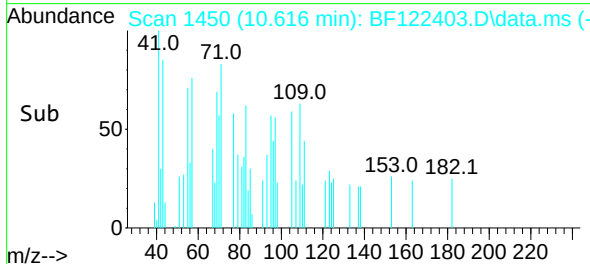
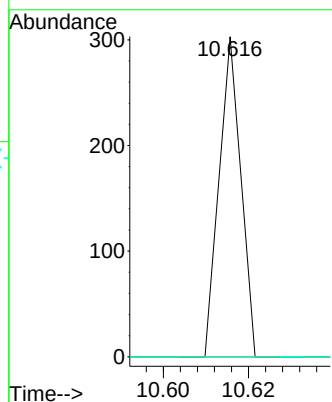
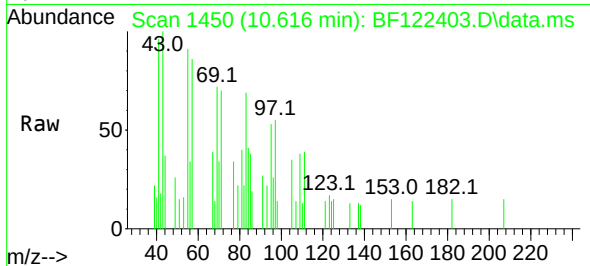




#62
4-Nitroaniline
Concen: 3.40 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.129 min
Lab File: BF122403.D
Acq: 20 Nov 2020 15:05

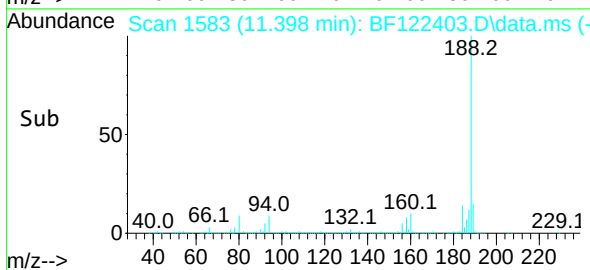
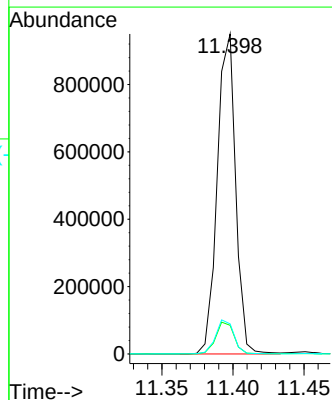
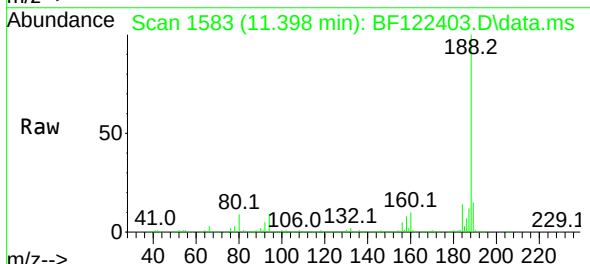
Instrument :
BNA_F
ClientSampleId :
MS-CON-B

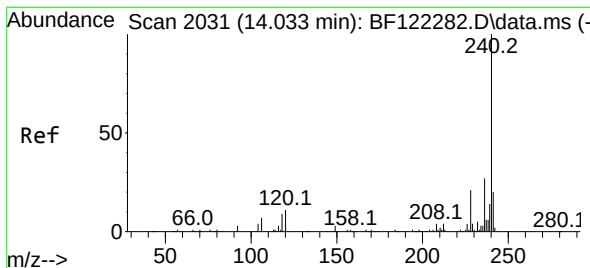
Tgt Ion:138 Resp: 107
Ion Ratio Lower Upper
138 100
92 0.0 31.0 71.0#
108 0.0 51.5 91.5#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF122403.D
Acq: 20 Nov 2020 15:05

Tgt Ion:188 Resp: 853071
Ion Ratio Lower Upper
188 100
94 9.0 8.3 12.5
80 9.4 9.1 13.7

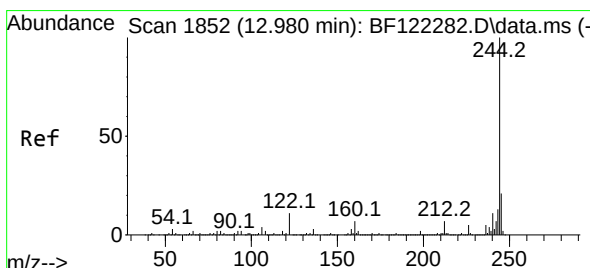
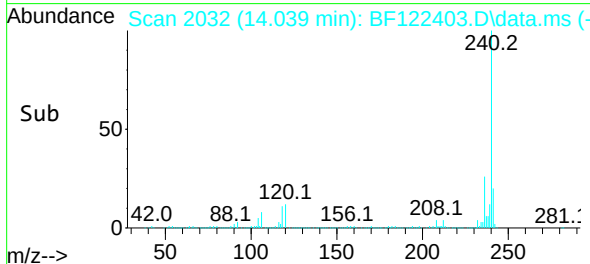
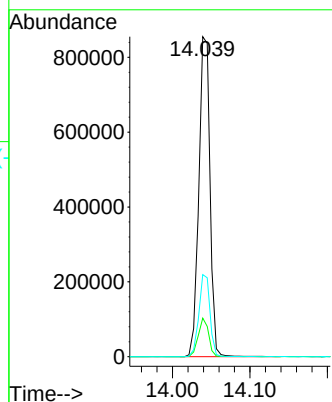
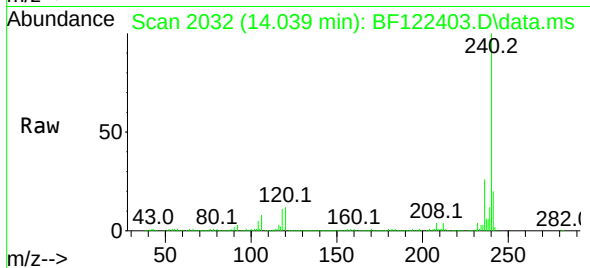




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF122403.D
Acq: 20 Nov 2020 15:05

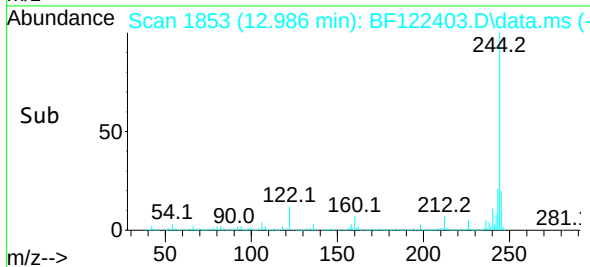
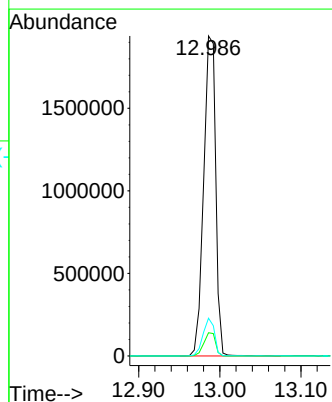
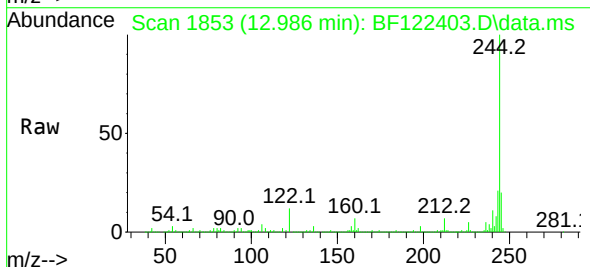
Instrument :
BNA_F
ClientSampleId :
MS-CON-B

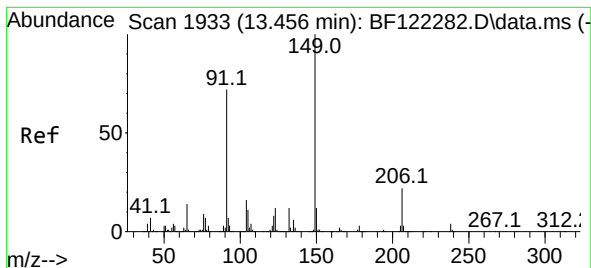
Tgt Ion:240 Resp: 855722
Ion Ratio Lower Upper
240 100
120 12.1 9.2 13.8
236 25.7 20.9 31.3



#79
Terphenyl-d14
Concen: 49.35 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF122403.D
Acq: 20 Nov 2020 15:05

Tgt Ion:244 Resp: 1993283
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.2
122 11.8 8.1 12.1

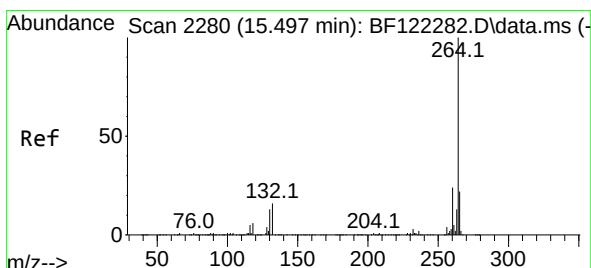
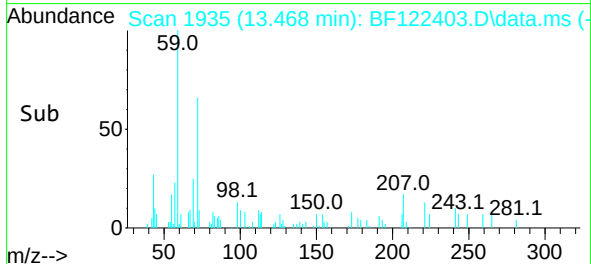
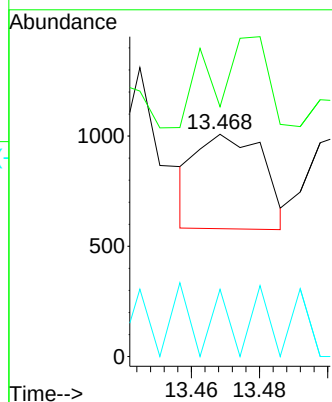
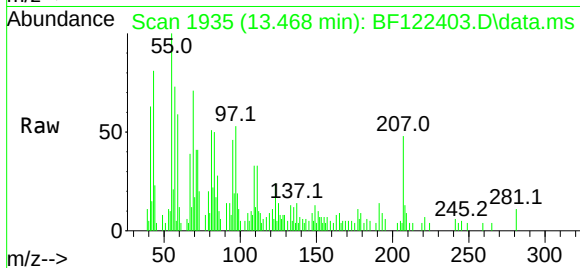




#80
Butylbenzylphthalate
Concen: 3.31 ng
RT: 13.468 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BF122403.D
Acq: 20 Nov 2020 15:05

Instrument :
BNA_F
ClientSampleId :
MS-CON-B

Tgt Ion:149 Resp: 581
Ion Ratio Lower Upper
149 100
91 112.4 61.0 91.4#
206 30.3 16.7 25.1#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.521 min Scan# 2284
Delta R.T. -0.012 min
Lab File: BF122403.D
Acq: 20 Nov 2020 15:05

Tgt Ion:264 Resp: 898771
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 21.5 17.3 25.9

