

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120420\
 Data File : BF122543.D
 Acq On : 4 Dec 2020 13:50
 Operator : JU/CG
 Sample : PB133399BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133399BL

Quant Time: Dec 04 14:21:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 04 12:52:10 2020
 Response via : Initial Calibration

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

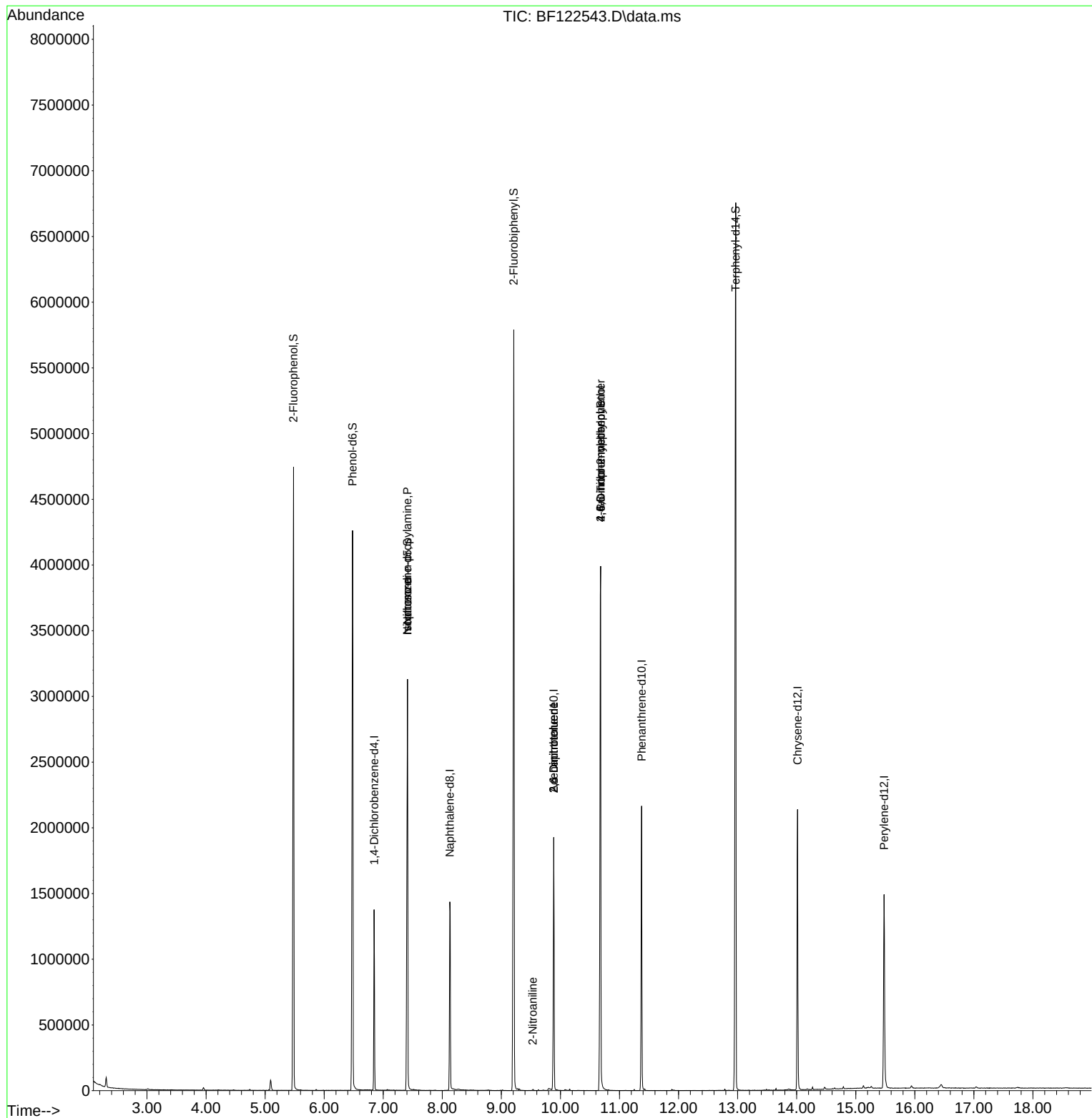
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	194762	20.00	ng	0.00
21) Naphthalene-d8	8.128	136	770695	20.00	ng	0.00
39) Acenaphthene-d10	9.886	164	423219	20.00	ng	0.00
64) Phenanthrene-d10	11.374	188	796792	20.00	ng	0.00
76) Chrysene-d12	14.015	240	742212	20.00	ng	0.00
86) Perylene-d12	15.480	264	712357	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1462257	115.28	ng	0.01
7) Phenol-d6	6.481	99	1847875	111.36	ng	0.00
23) Nitrobenzene-d5	7.410	82	1178753	93.63	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	631350	138.99	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	2202462	81.31	ng	0.00
79) Terphenyl-d14	12.968	244	2572411	73.42	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.481	77	2664	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.410	70	158262	15.96	ng	# 74
25) Isophorone	7.410	82	1170891	41.72	ng	# 67
48) 2-Nitroaniline	9.533	65	438	5.22	ng	# 6
51) 2,6-Dinitrotoluene	9.886	165	54109	11.25	ng	# 20
57) 2,4-Dinitrotoluene	9.886	165	54109	10.50	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.680	198	1084	6.54	ng	# 1
67) 4-Bromophenyl-phenylether	10.680	248	40879	4.37	ng	# 1

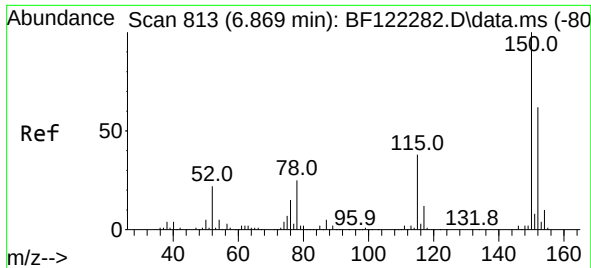
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120420\
Data File : BF122543.D
Acq On : 4 Dec 2020 13:50
Operator : JU/CG
Sample : PB133399BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133399BL

Quant Time: Dec 04 14:21:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 04 12:52:10 2020
Response via : Initial Calibration

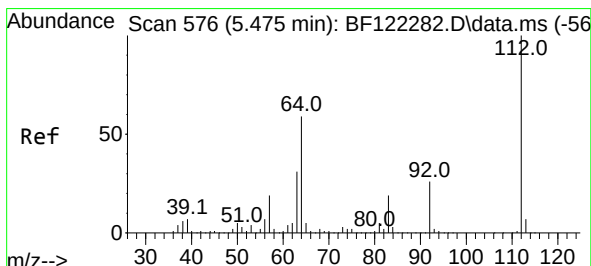
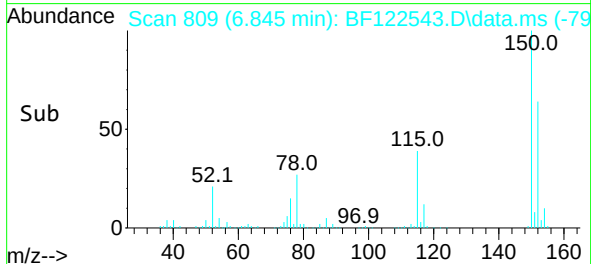
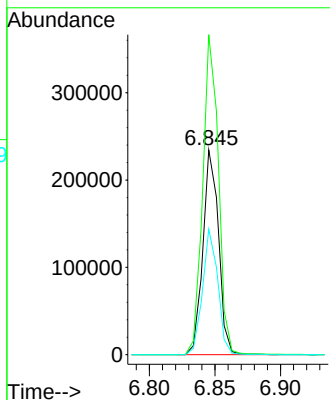
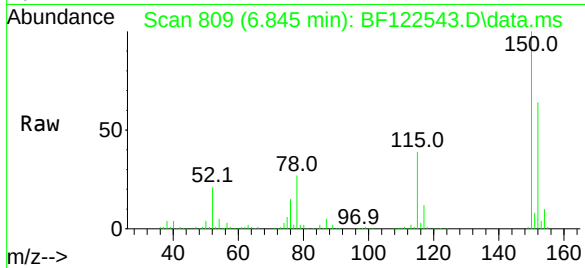




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF122543.D
Acq: 4 Dec 2020 13:50

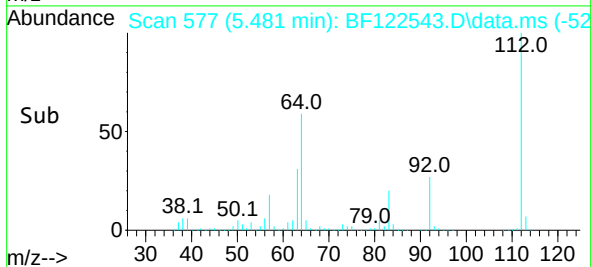
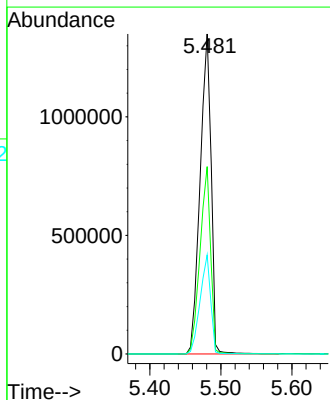
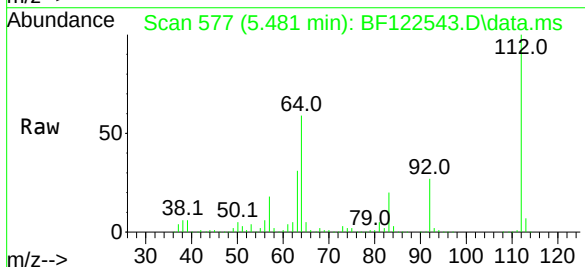
Instrument :
BNA_F
ClientSampleId :
PB133399BL

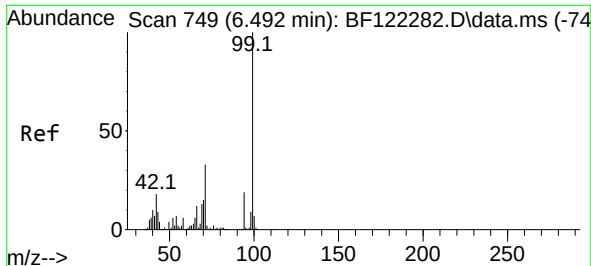
Tgt Ion:152 Resp: 194762
Ion Ratio Lower Upper
152 100
150 156.2 125.3 187.9
115 61.2 51.9 77.9



#5
2-Fluorophenol
Concen: 115.28 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.012 min
Lab File: BF122543.D
Acq: 4 Dec 2020 13:50

Tgt Ion:112 Resp: 1462257
Ion Ratio Lower Upper
112 100
64 58.6 50.4 75.6
63 31.0 25.8 38.6

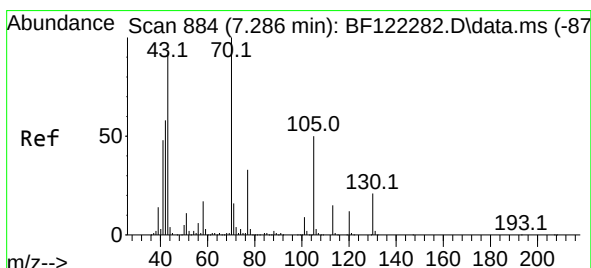
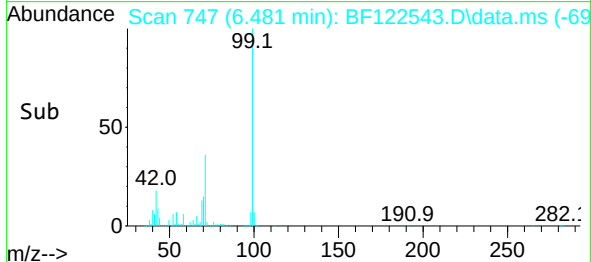
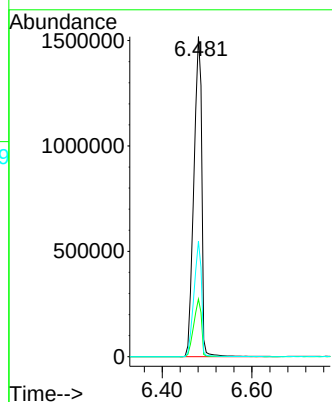
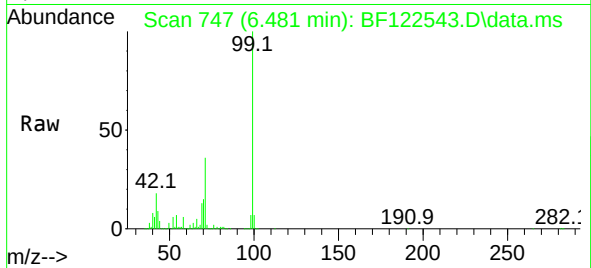




#7
Phenol-d6
Concen: 111.36 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF122543.D
Acq: 4 Dec 2020 13:50

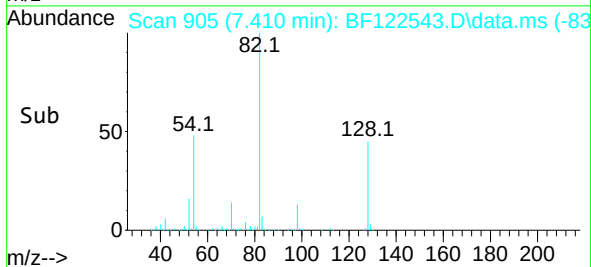
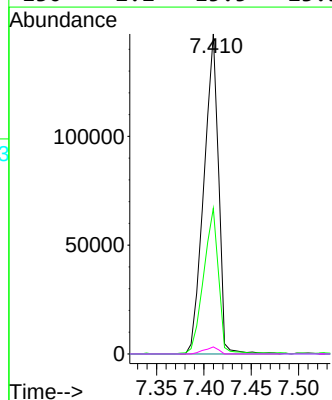
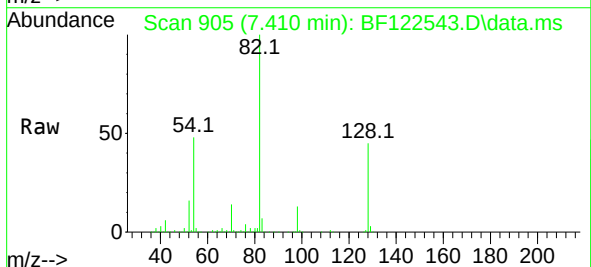
Instrument :
BNA_F
ClientSampleId :
PB133399BL

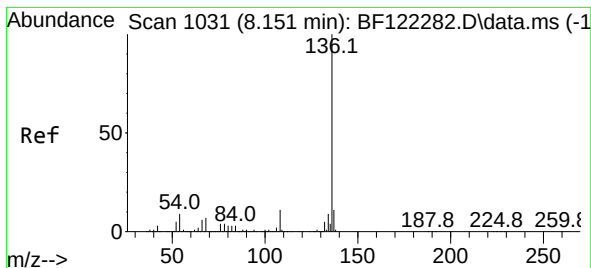
Tgt Ion: 99 Resp: 1847875
Ion Ratio Lower Upper
99 100
42 18.0 15.9 23.9
71 36.1 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.96 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF122543.D
Acq: 4 Dec 2020 13:50

Tgt Ion: 70 Resp: 158262
Ion Ratio Lower Upper
70 100
42 45.5 50.2 75.4#
101 0.0 7.5 11.3#
130 2.2 15.5 23.3#



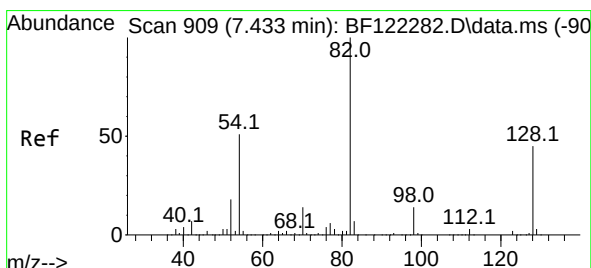
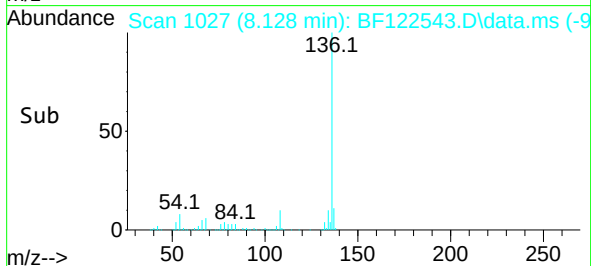
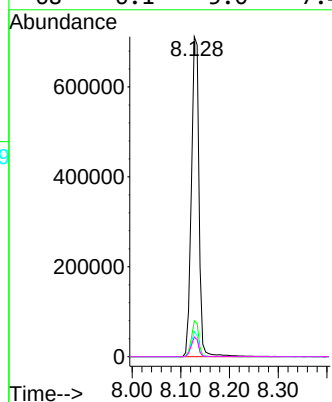
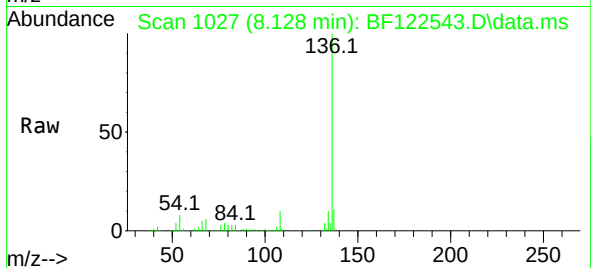


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF122543.D
Acq: 4 Dec 2020 13:50

Instrument :
BNA_F
ClientSampleId :
PB133399BL

Tgt Ion:136 Resp: 770695

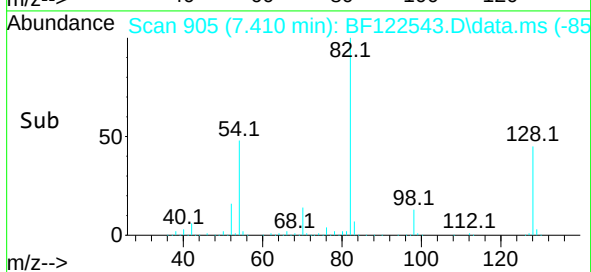
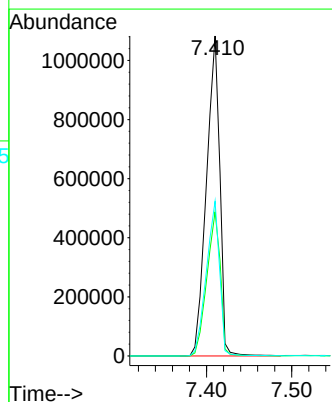
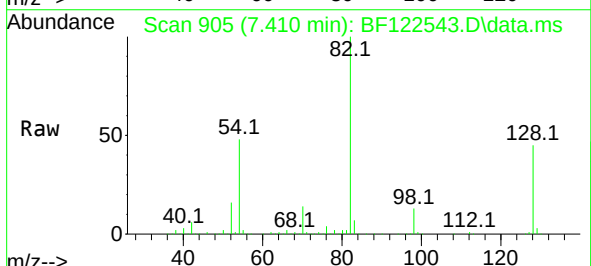
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	7.8	7.1	10.7
68	6.1	5.0	7.4

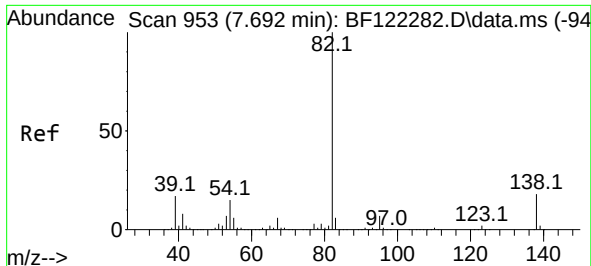


#23
Nitrobenzene-d5
Concen: 93.63 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF122543.D
Acq: 4 Dec 2020 13:50

Tgt Ion: 82 Resp: 1178753

Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.0	52.4
54	48.4	43.9	65.9

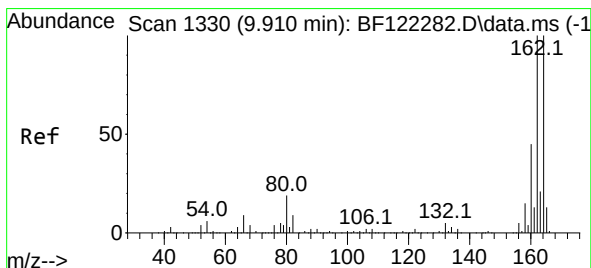
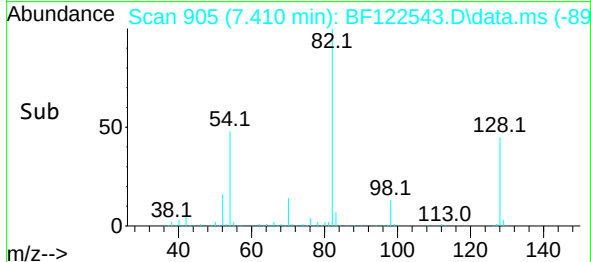
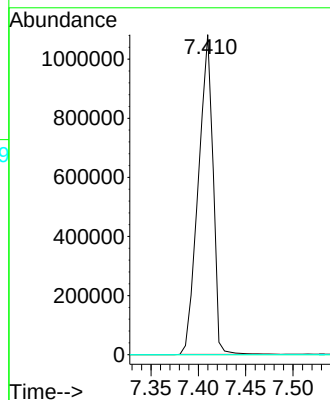
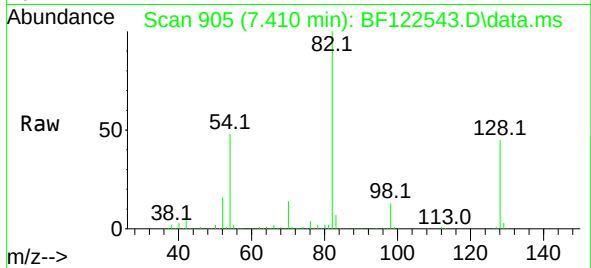




#25
Isophorone
Concen: 41.72 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.265 min
Lab File: BF122543.D
Acq: 4 Dec 2020 13:50

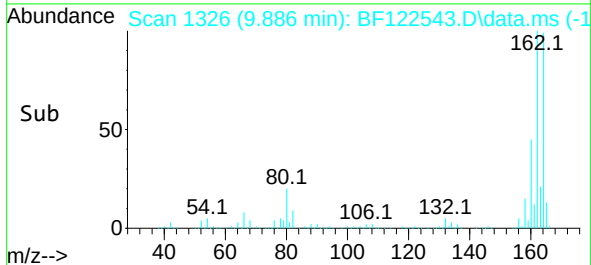
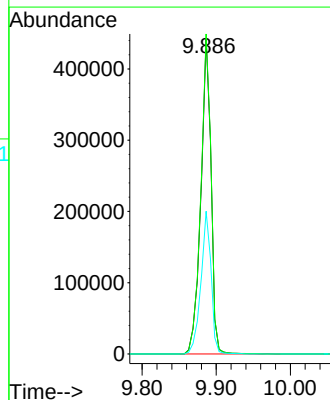
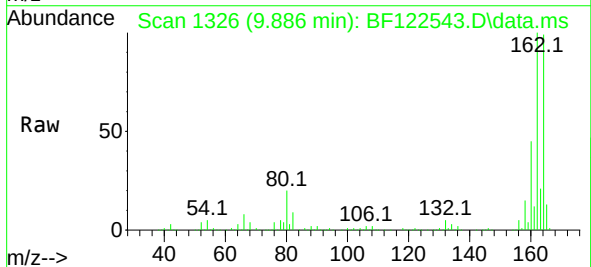
Instrument :
BNA_F
ClientSampleId :
PB133399BL

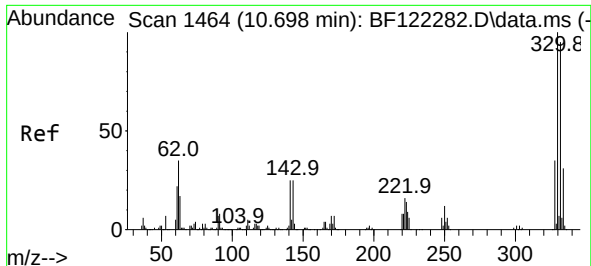
Tgt Ion: 82 Resp: 1170891
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF122543.D
Acq: 4 Dec 2020 13:50

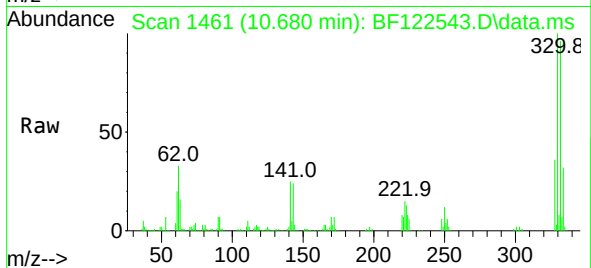
Tgt Ion: 164 Resp: 423219
Ion Ratio Lower Upper
164 100
162 101.3 83.2 124.8
160 45.2 37.5 56.3



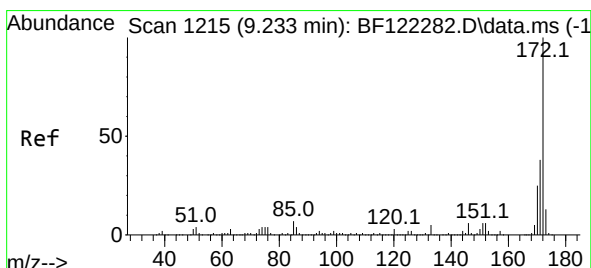
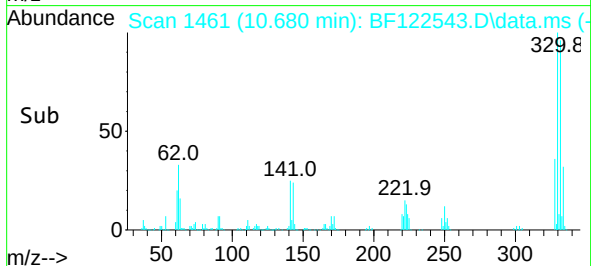
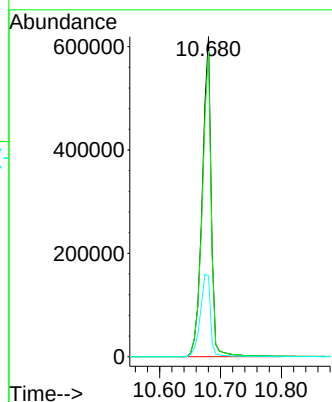


#42
2,4,6-Tribromophenol
Concen: 138.99 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF122543.D
Acq: 4 Dec 2020 13:50

Instrument :
BNA_F
ClientSampleId :
PB133399BL

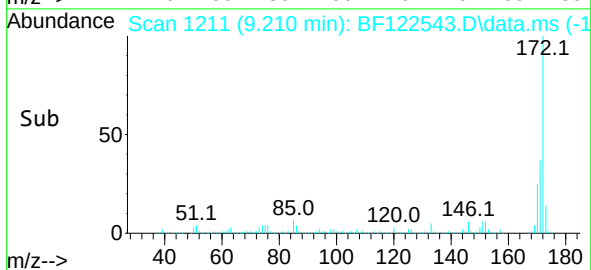
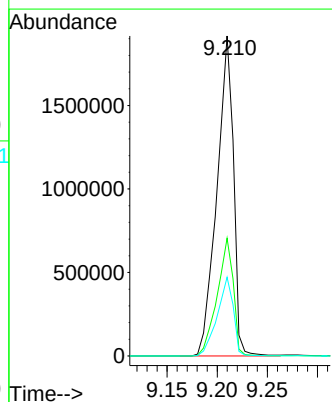
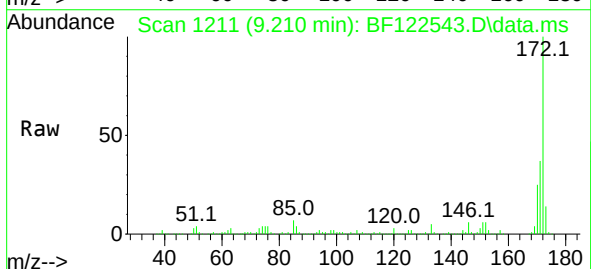


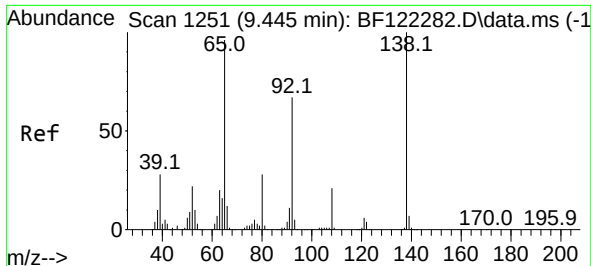
Tgt Ion:330 Resp: 631350
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 29.4 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 81.31 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF122543.D
Acq: 4 Dec 2020 13:50

Tgt Ion:172 Resp: 2202462
Ion Ratio Lower Upper
172 100
171 36.8 29.1 43.7
170 24.6 19.8 29.6

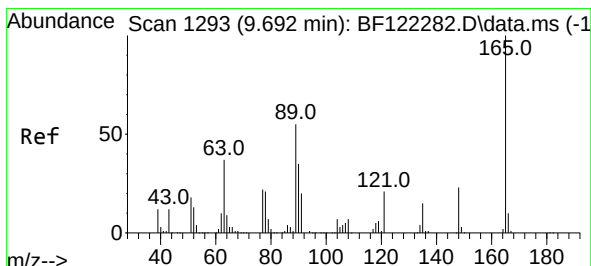
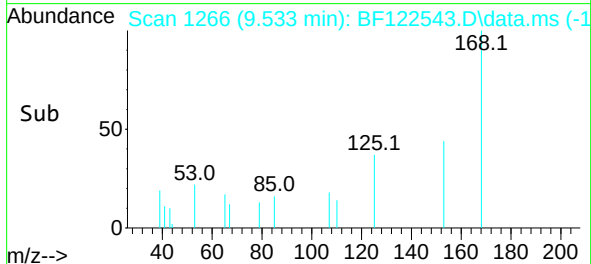
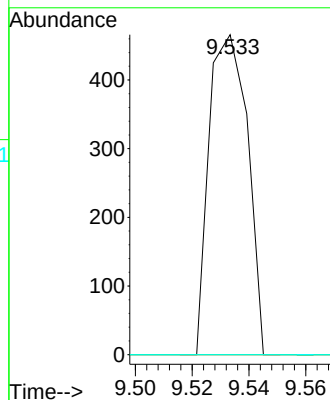
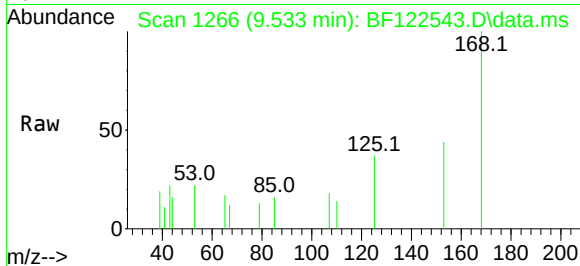




#48
2-Nitroaniline
Concen: 5.22 ng
RT: 9.533 min Scan# 1266
Delta R.T. 0.100 min
Lab File: BF122543.D
Acq: 4 Dec 2020 13:50

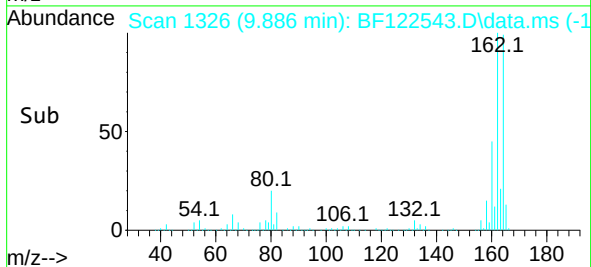
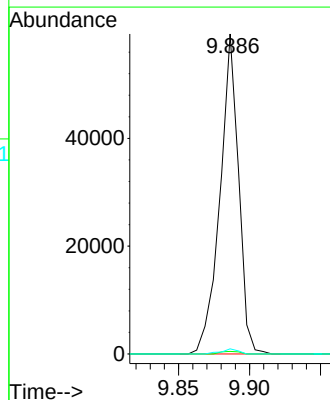
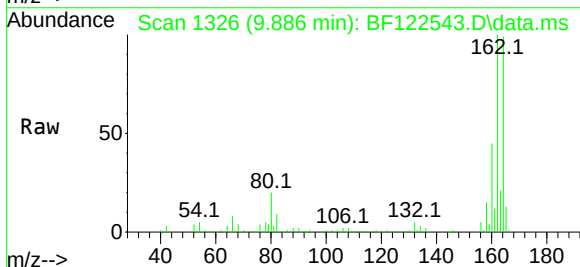
Instrument :
BNA_F
ClientSampleId :
PB133399BL

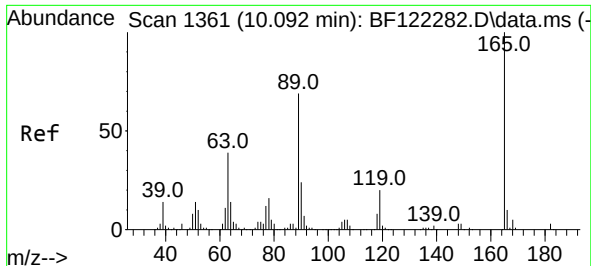
Tgt Ion: 65 Resp: 438
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#



#51
2,6-Dinitrotoluene
Concen: 11.25 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.212 min
Lab File: BF122543.D
Acq: 4 Dec 2020 13:50

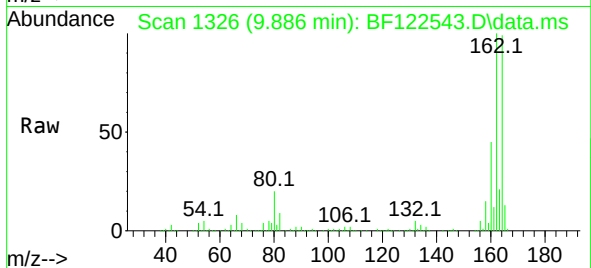
Tgt Ion: 165 Resp: 54109
Ion Ratio Lower Upper
165 100
63 0.8 51.8 77.6#
89 1.6 49.0 73.6#



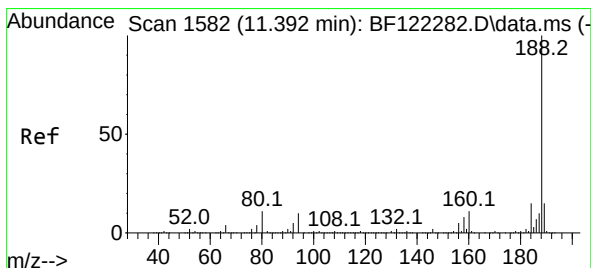
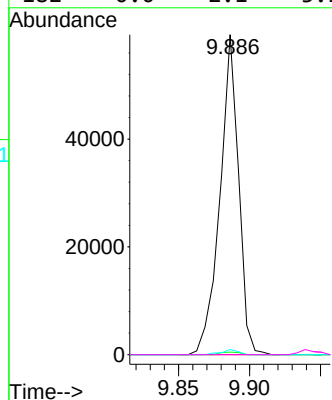
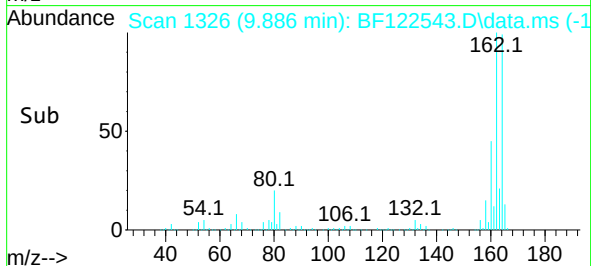


#57
2,4-Dinitrotoluene
Concen: 10.50 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.194 min
Lab File: BF122543.D
Acq: 4 Dec 2020 13:50

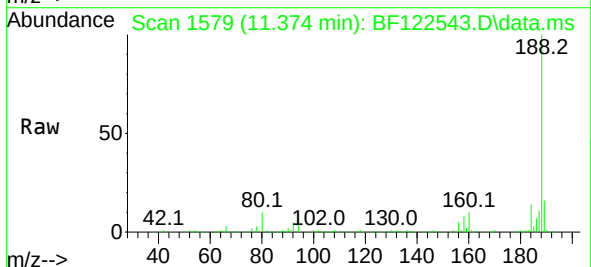
Instrument :
BNA_F
ClientSampleId :
PB133399BL



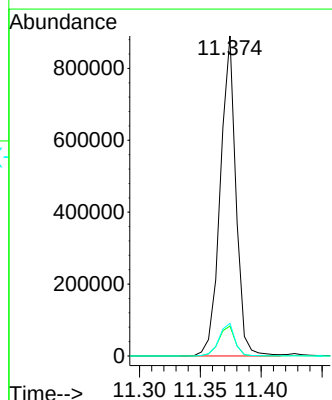
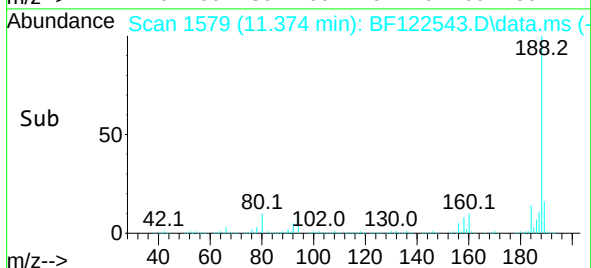
Tgt Ion:165 Resp: 54109
Ion Ratio Lower Upper
165 100
63 0.8 41.3 61.9#
89 1.6 61.8 92.8#
182 0.0 2.1 3.1#

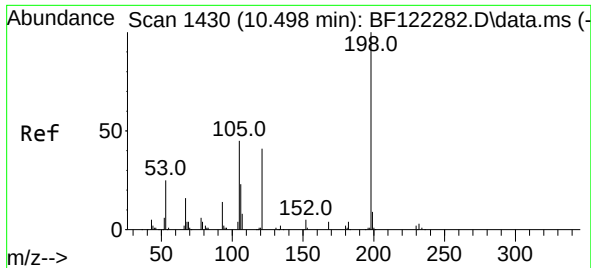


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BF122543.D
Acq: 4 Dec 2020 13:50



Tgt Ion:188 Resp: 796792
Ion Ratio Lower Upper
188 100
94 9.3 8.3 12.5
80 10.2 9.1 13.7

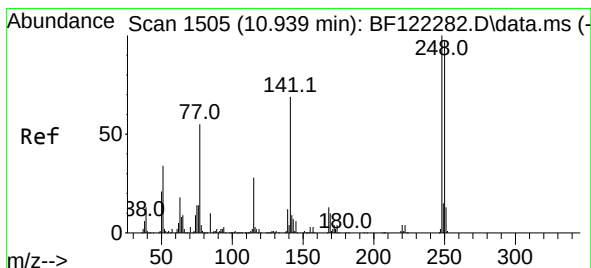
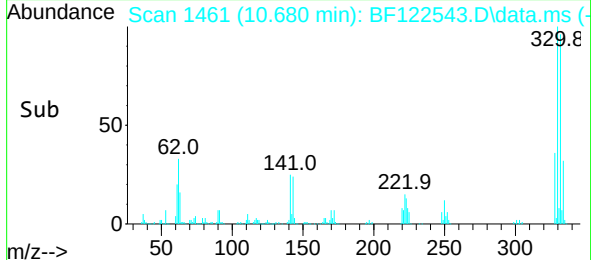
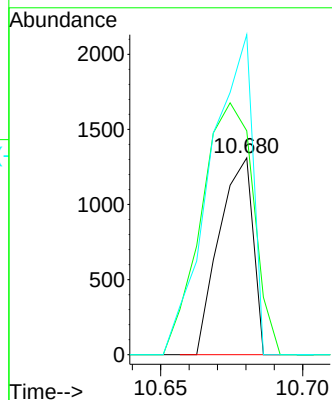
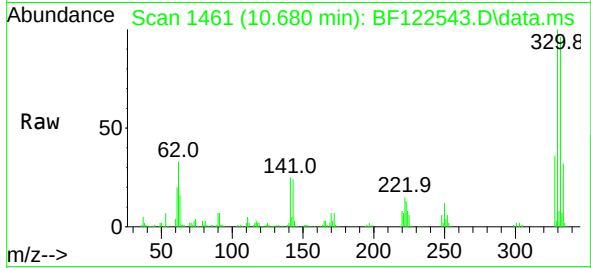




#65
4,6-Dinitro-2-methylphenol
Concen: 6.54 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.194 min
Lab File: BF122543.D
Acq: 4 Dec 2020 13:50

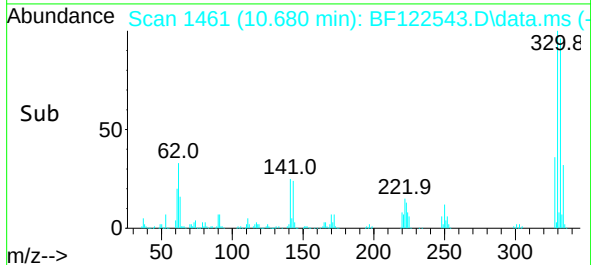
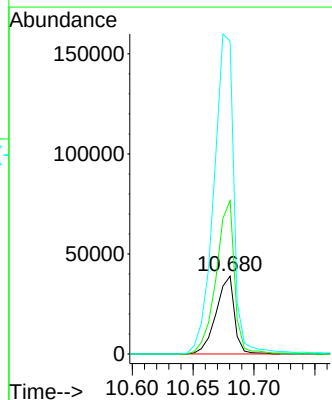
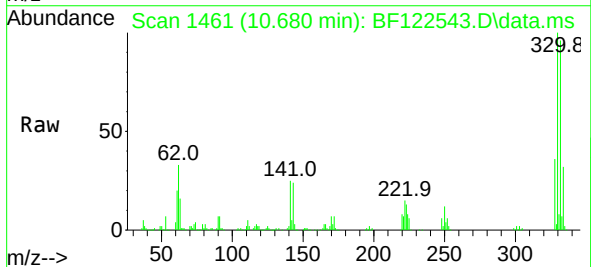
Instrument :
BNA_F
ClientSampleId :
PB133399BL

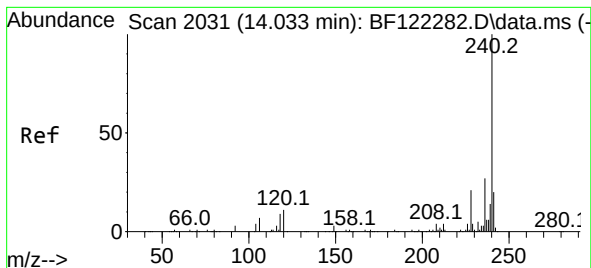
Tgt Ion:198 Resp: 1084
Ion Ratio Lower Upper
198 100
51 113.7 29.6 69.6#
105 162.5 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 4.37 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.241 min
Lab File: BF122543.D
Acq: 4 Dec 2020 13:50

Tgt Ion:248 Resp: 40879
Ion Ratio Lower Upper
248 100
250 196.9 77.0 115.6#
141 401.7 53.7 80.5#

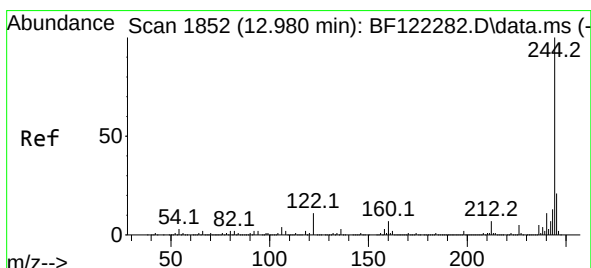
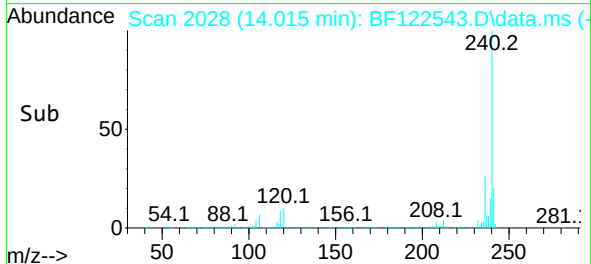
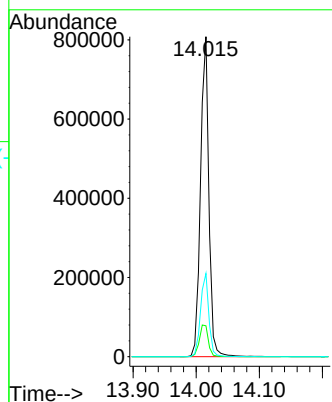
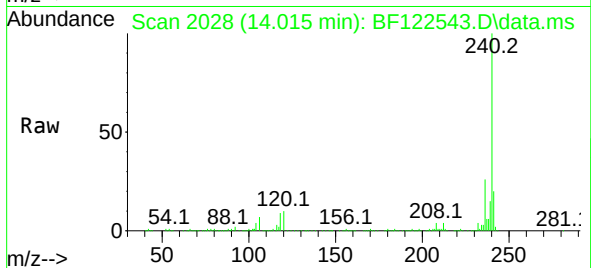




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF122543.D
Acq: 4 Dec 2020 13:50

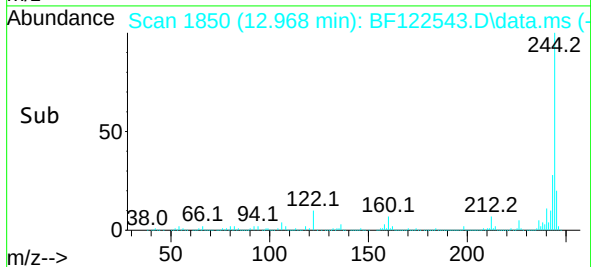
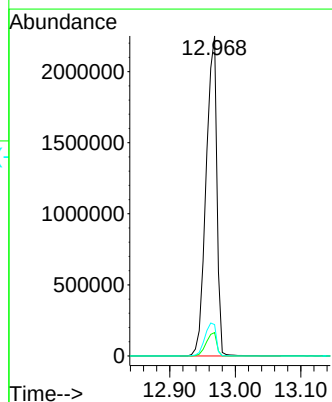
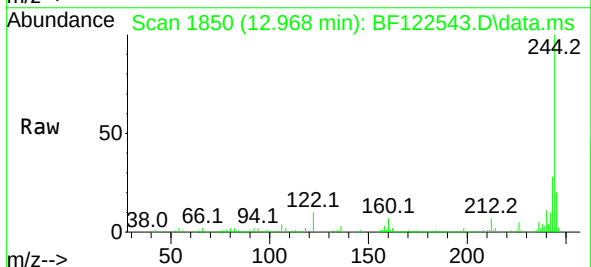
Instrument :
BNA_F
ClientSampleId :
PB133399BL

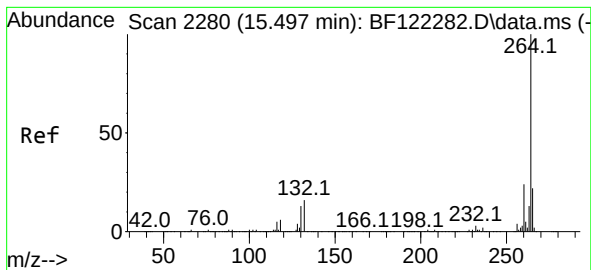
Tgt Ion:240 Resp: 742212
Ion Ratio Lower Upper
240 100
120 9.7 9.2 13.8
236 26.0 20.9 31.3



#79
Terphenyl-d14
Concen: 73.42 ng
RT: 12.968 min Scan# 1850
Delta R.T. 0.006 min
Lab File: BF122543.D
Acq: 4 Dec 2020 13:50

Tgt Ion:244 Resp: 2572411
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.2
122 9.8 8.1 12.1





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.480 min Scan# 2277
 Delta R.T. -0.000 min
 Lab File: BF122543.D
 Acq: 4 Dec 2020 13:50

Instrument :
 BNA_F
 ClientSampleId :
 PB133399BL

Tgt Ion:264 Resp: 712357
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.7 28.1
 265 21.5 17.3 25.9

