

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120320\
 Data File : BF122531.D
 Acq On : 3 Dec 2020 11:05
 Operator : JU/CG
 Sample : PB133348BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133348BL

Quant Time: Dec 03 12:09:21 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 24 14:38:56 2020
 Response via : Initial Calibration

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

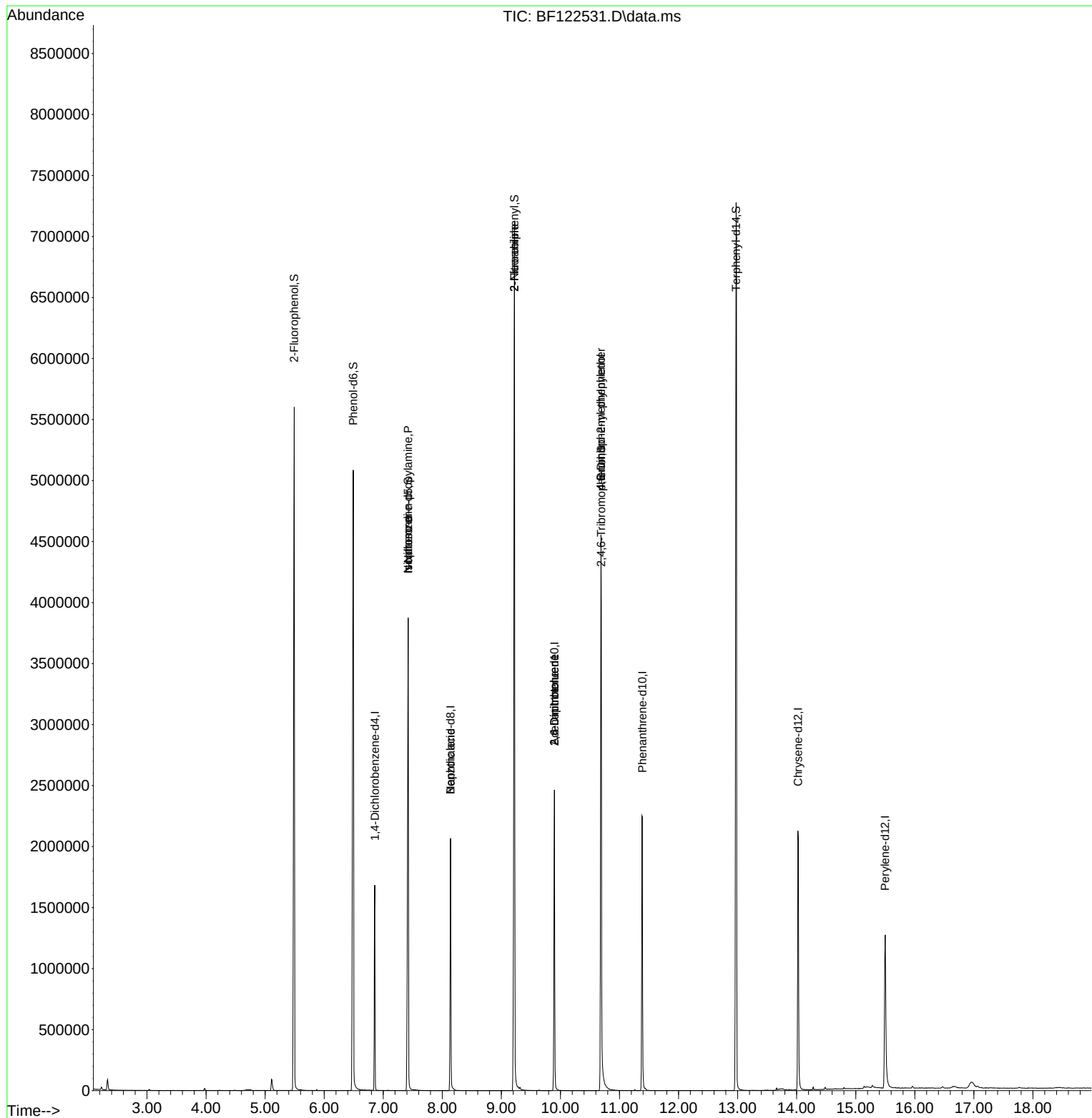
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	247167	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	983436	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	530734	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	1005233	20.00	ng	0.00
76) Chrysene-d12	14.021	240	885994	20.00	ng	-0.01
86) Perylene-d12	15.498	264	761100	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	1828473	113.59	ng	0.01
7) Phenol-d6	6.492	99	2335317	110.90	ng	0.00
23) Nitrobenzene-d5	7.422	82	1484084	92.39	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	768334	134.88	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	2622420	77.20	ng	0.00
79) Terphenyl-d14	12.974	244	2954512	70.65	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.487	77	3662	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.422	70	201445	16.01	ng	# 74
25) Isophorone	7.422	82	1459781	40.76	ng	# 67
32) Benzoic acid	8.139	122	145	7.97	ng	# 1
48) 2-Nitroaniline	9.222	65	4201	5.54	ng	# 1
51) 2,6-Dinitrotoluene	9.898	165	67971	11.27	ng	# 20
57) 2,4-Dinitrotoluene	9.898	165	67972	10.51	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.686	198	1221	6.50	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	47204	4.00	ng	# 1

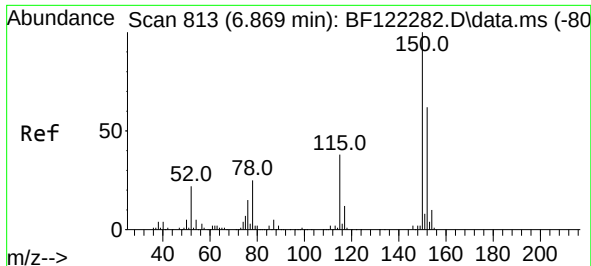
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120320\
Data File : BF122531.D
Acq On : 3 Dec 2020 11:05
Operator : JU/CG
Sample : PB133348BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133348BL

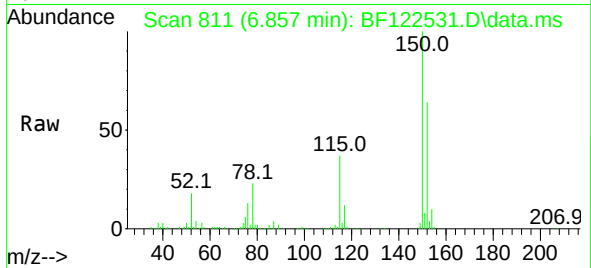
Quant Time: Dec 03 12:09:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
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QLast Update : Tue Nov 24 14:38:56 2020
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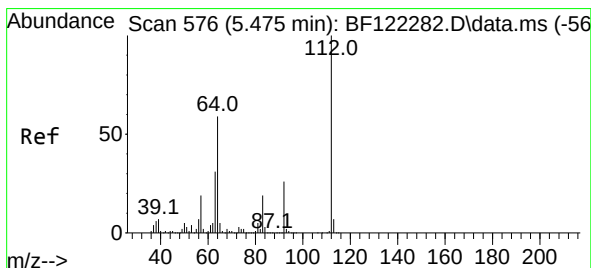
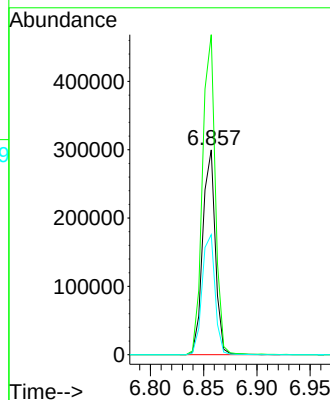
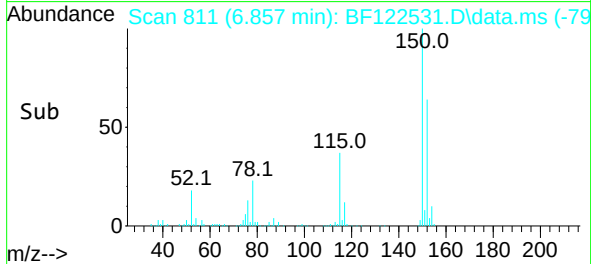


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF122531.D
Acq: 3 Dec 2020 11:05

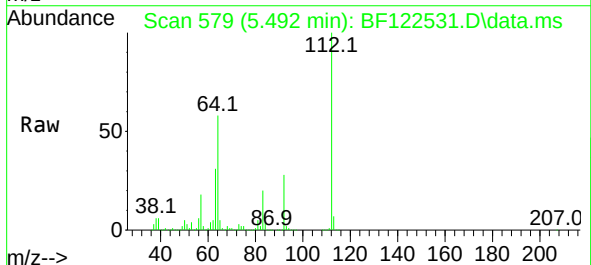
Instrument :
BNA_F
ClientSampleId :
PB133348BL



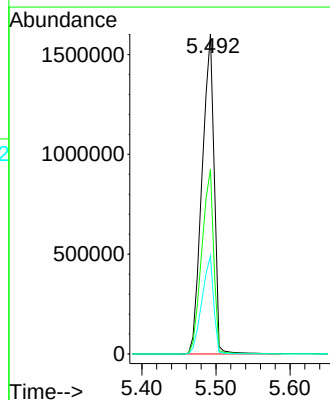
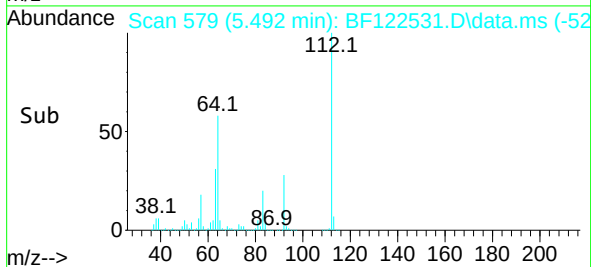
Tgt Ion:152 Resp: 247167
Ion Ratio Lower Upper
152 100
150 156.3 125.3 187.9
115 58.6 51.9 77.9

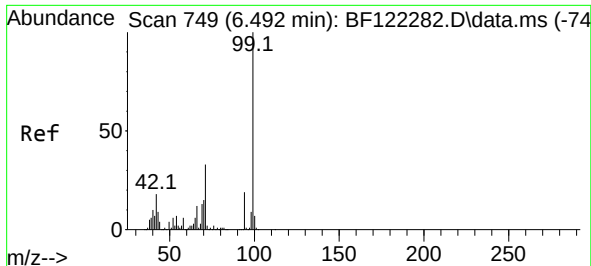


#5
2-Fluorophenol
Concen: 113.59 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF122531.D
Acq: 3 Dec 2020 11:05



Tgt Ion:112 Resp: 1828473
Ion Ratio Lower Upper
112 100
64 57.7 50.4 75.6
63 30.6 25.8 38.6



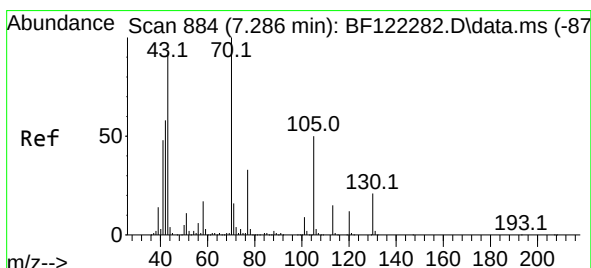
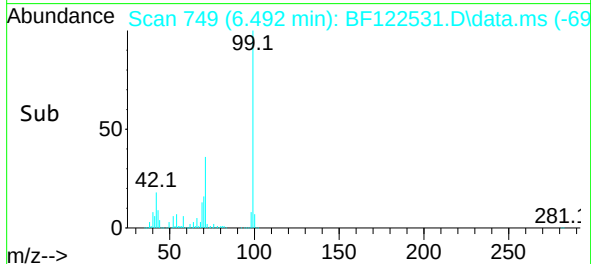
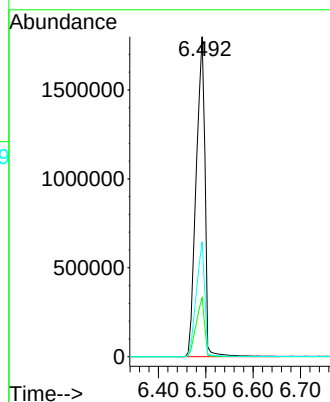
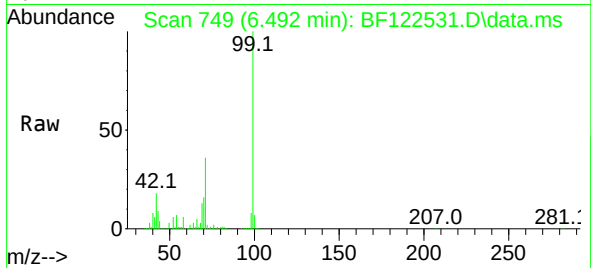


#7
Phenol-d6
Concen: 110.90 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF122531.D
Acq: 3 Dec 2020 11:05

Instrument :
BNA_F
ClientSampleId :
PB133348BL

Tgt Ion: 99 Resp: 2335317

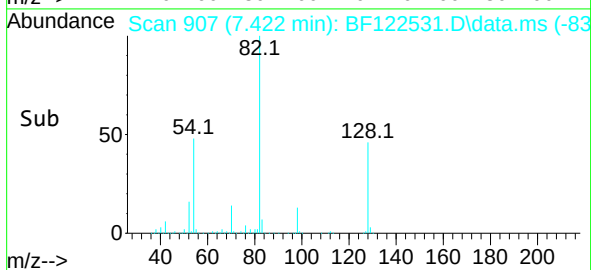
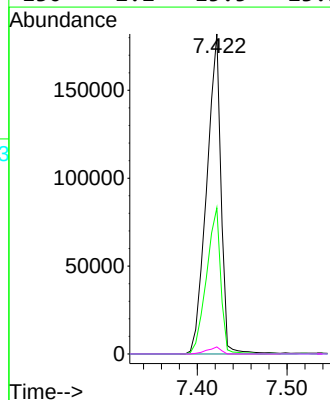
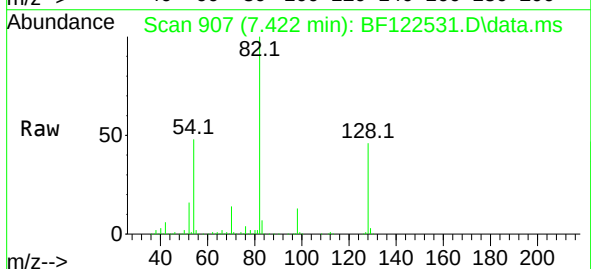
Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.9	23.9
71	35.9	27.1	40.7

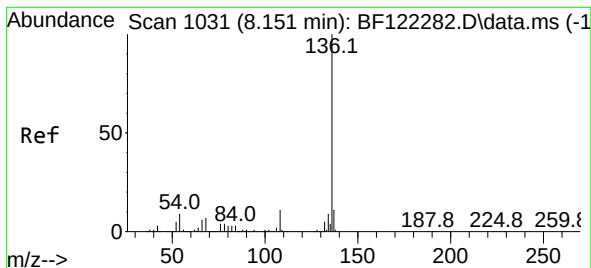


#19
n-Nitroso-di-n-propylamine
Concen: 16.01 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF122531.D
Acq: 3 Dec 2020 11:05

Tgt Ion: 70 Resp: 201445

Ion	Ratio	Lower	Upper
70	100		
42	45.6	50.2	75.4#
101	0.0	7.5	11.3#
130	2.2	15.5	23.3#



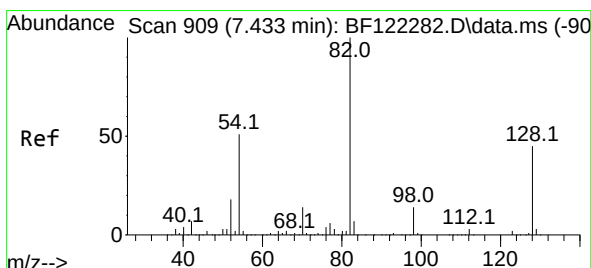
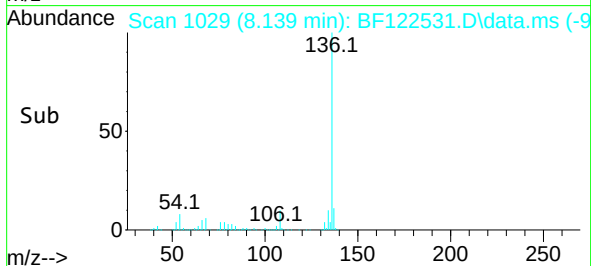
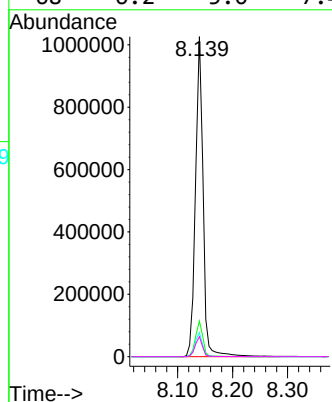
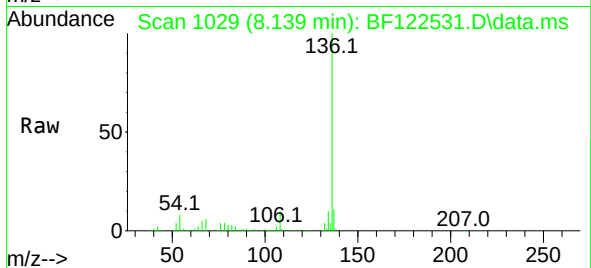


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF122531.D
Acq: 3 Dec 2020 11:05

Instrument :
BNA_F
ClientSampleId :
PB133348BL

Tgt Ion:136 Resp: 983436

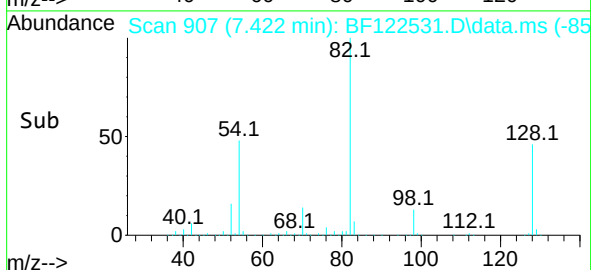
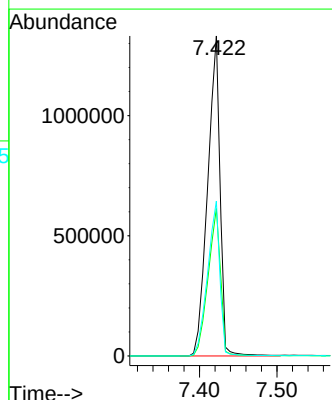
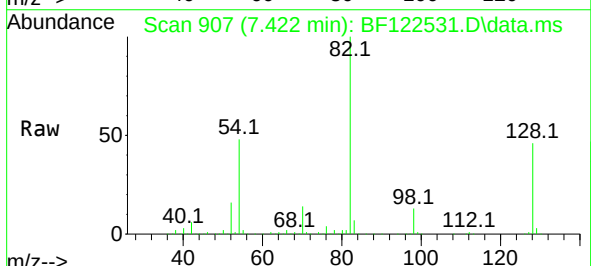
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	7.5	7.1	10.7
68	6.2	5.0	7.4

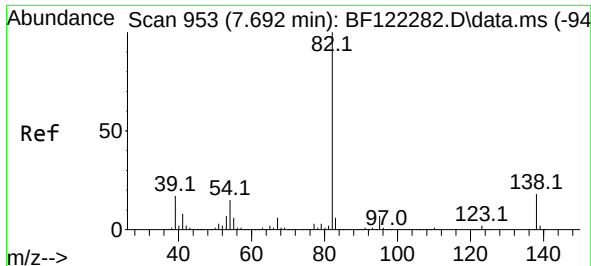


#23
Nitrobenzene-d5
Concen: 92.39 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF122531.D
Acq: 3 Dec 2020 11:05

Tgt Ion: 82 Resp: 1484084

Ion	Ratio	Lower	Upper
82	100		
128	46.1	35.0	52.4
54	48.4	43.9	65.9

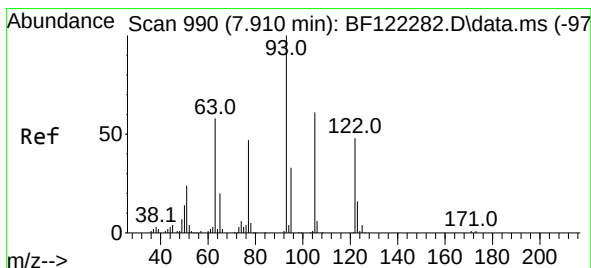
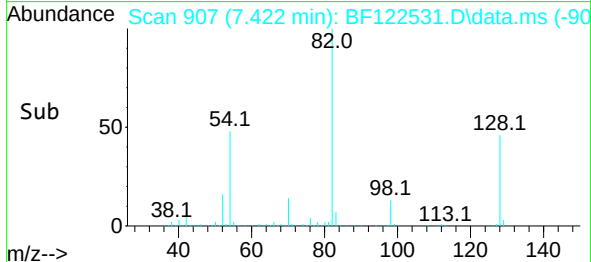
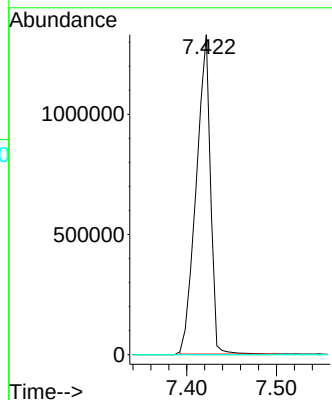
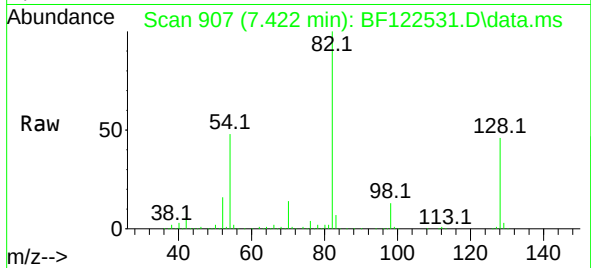




#25
Isophorone
Concen: 40.76 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.265 min
Lab File: BF122531.D
Acq: 3 Dec 2020 11:05

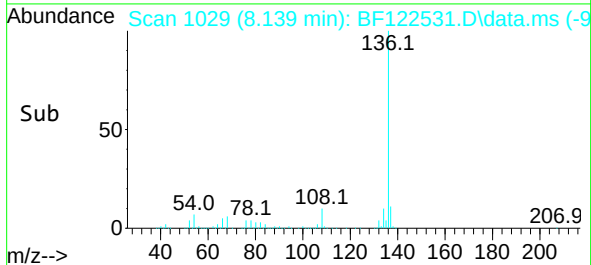
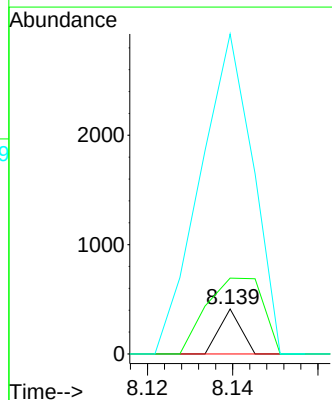
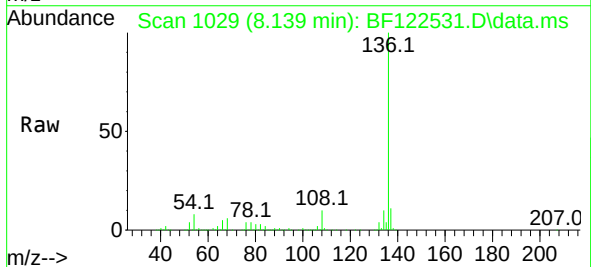
Instrument :
BNA_F
ClientSampleId :
PB133348BL

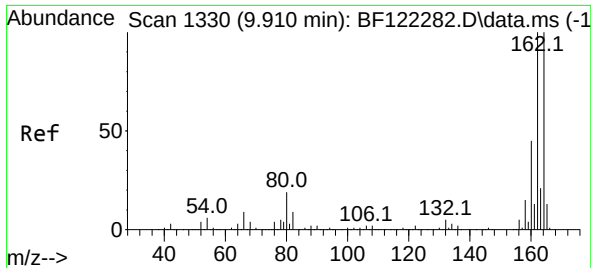
Tgt Ion: 82 Resp: 1459781
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 7.97 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.206 min
Lab File: BF122531.D
Acq: 3 Dec 2020 11:05

Tgt Ion: 122 Resp: 145
Ion Ratio Lower Upper
122 100
105 168.6 103.3 143.3#
77 712.2 73.9 113.9#

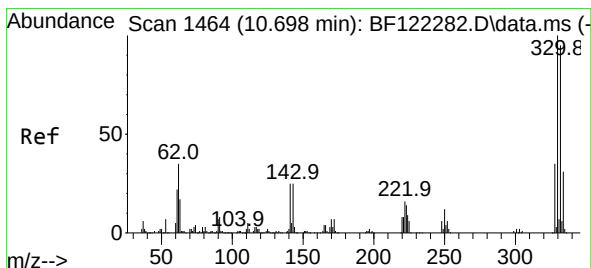
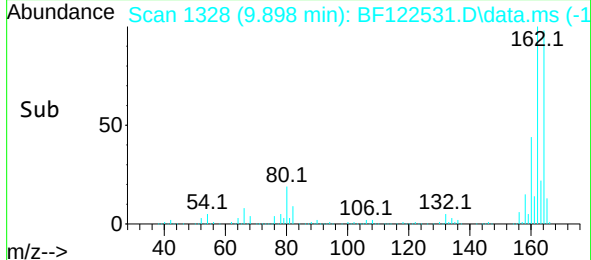
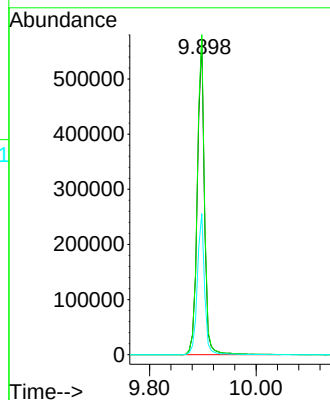
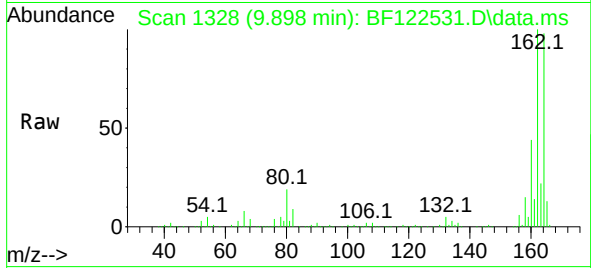




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF122531.D
Acq: 3 Dec 2020 11:05

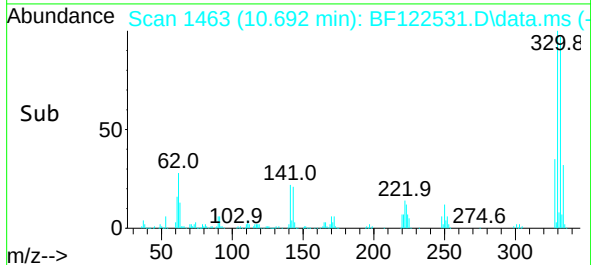
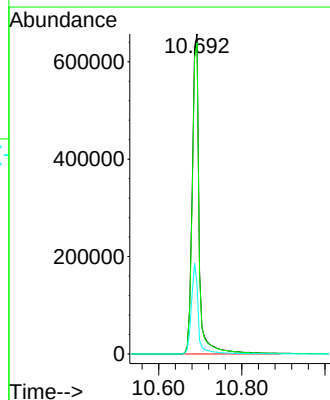
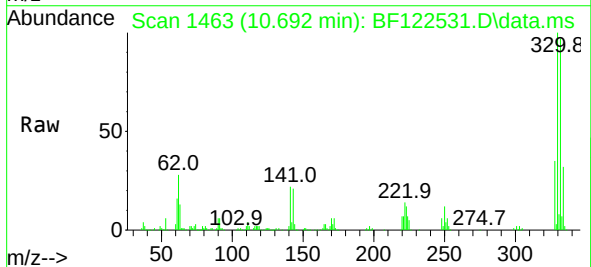
Instrument :
BNA_F
ClientSampleId :
PB133348BL

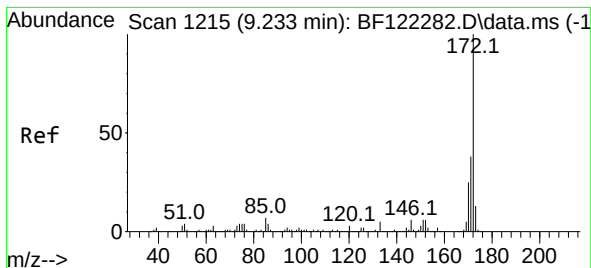
Tgt Ion:164 Resp: 530734
Ion Ratio Lower Upper
164 100
162 101.7 83.2 124.8
160 44.8 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 134.88 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF122531.D
Acq: 3 Dec 2020 11:05

Tgt Ion:330 Resp: 768334
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 28.1 22.3 33.5





#45

2-Fluorobiphenyl

Concen: 77.20 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.000 min

Lab File: BF122531.D

Acq: 3 Dec 2020 11:05

Tgt Ion:172 Resp: 2622420

Ion Ratio Lower Upper

172 100

171 37.5 29.1 43.7

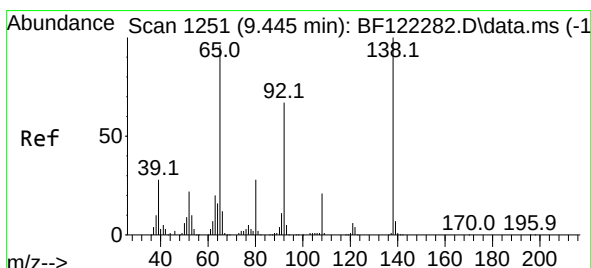
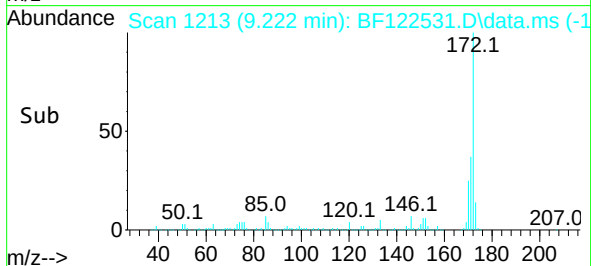
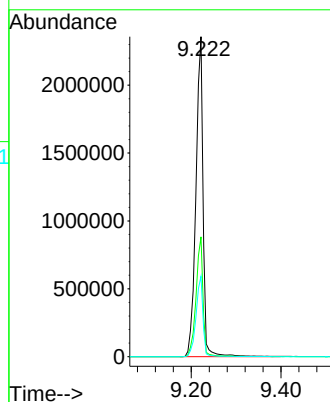
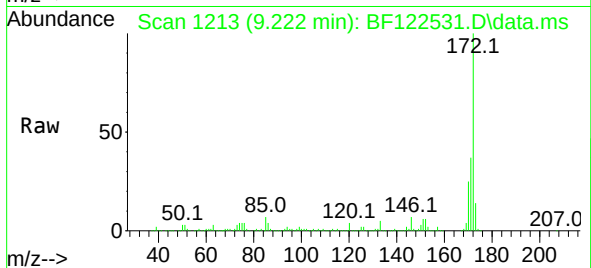
170 25.1 19.8 29.6

Instrument :

BNA_F

ClientSampleId :

PB133348BL



#48

2-Nitroaniline

Concen: 5.54 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.224 min

Lab File: BF122531.D

Acq: 3 Dec 2020 11:05

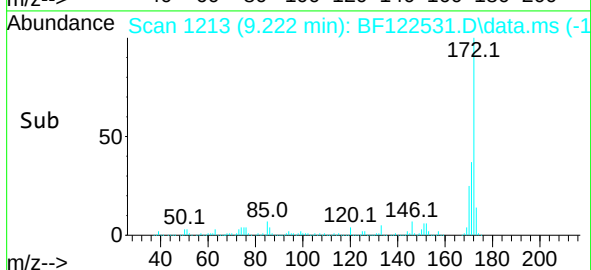
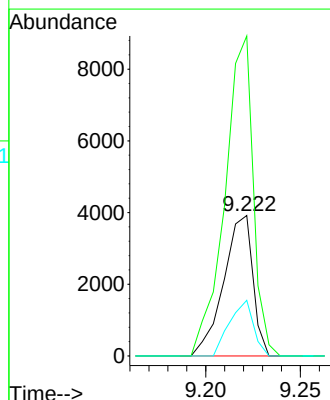
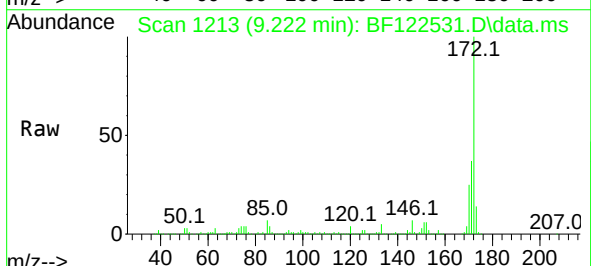
Tgt Ion: 65 Resp: 4201

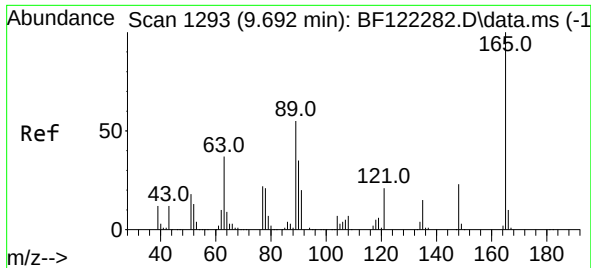
Ion Ratio Lower Upper

65 100

92 227.8 55.1 82.7#

138 39.6 80.5 120.7#

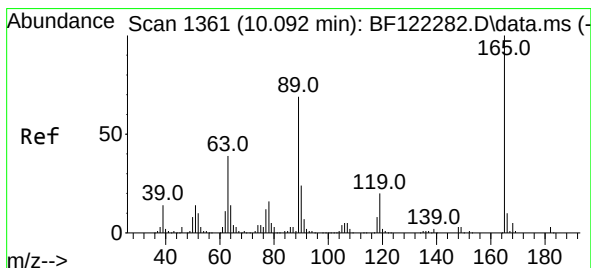
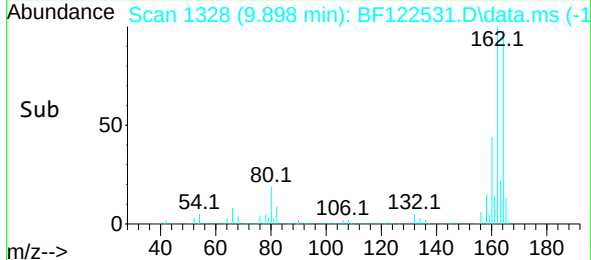
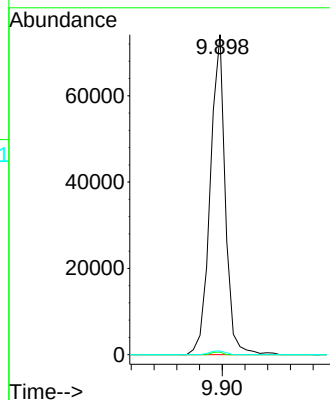
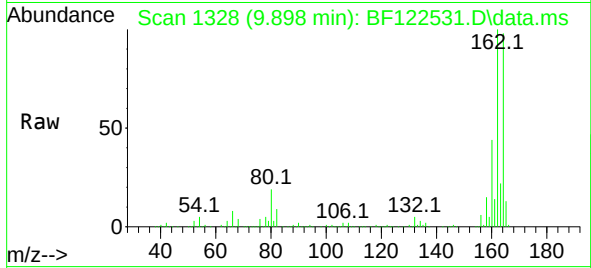




#51
2,6-Dinitrotoluene
Concen: 11.27 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF122531.D
Acq: 3 Dec 2020 11:05

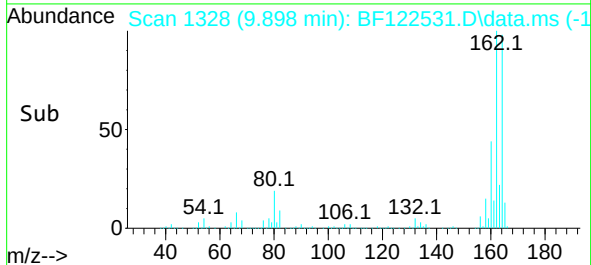
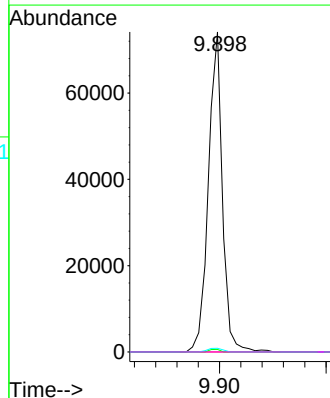
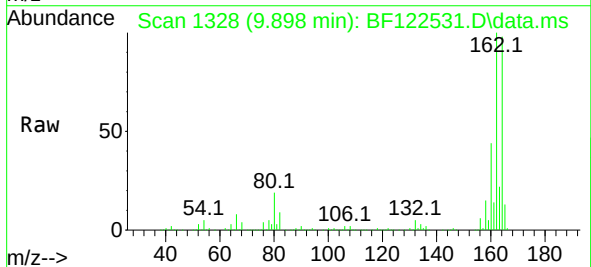
Instrument :
BNA_F
ClientSampleId :
PB133348BL

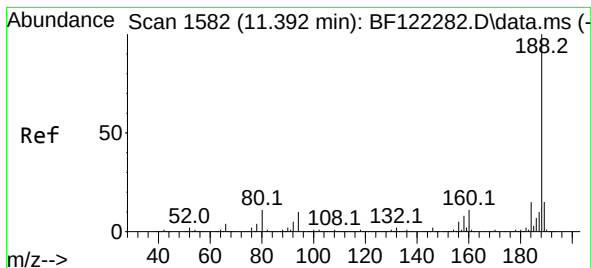
Tgt Ion:165 Resp: 67971
Ion Ratio Lower Upper
165 100
63 0.8 51.8 77.6#
89 1.1 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 10.51 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.188 min
Lab File: BF122531.D
Acq: 3 Dec 2020 11:05

Tgt Ion:165 Resp: 67972
Ion Ratio Lower Upper
165 100
63 0.8 41.3 61.9#
89 1.1 61.8 92.8#
182 0.0 2.1 3.1#

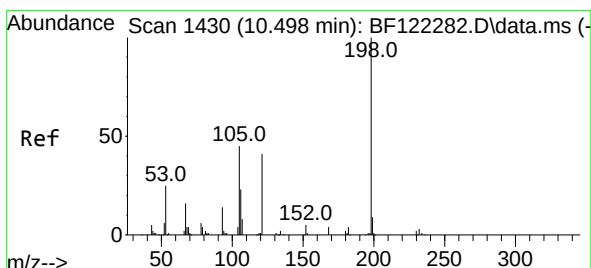
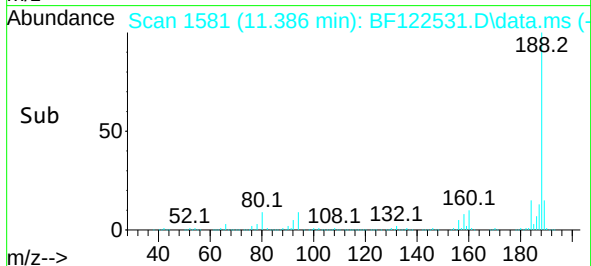
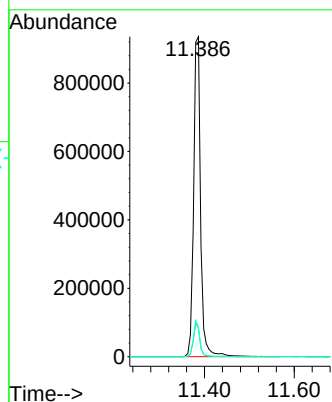
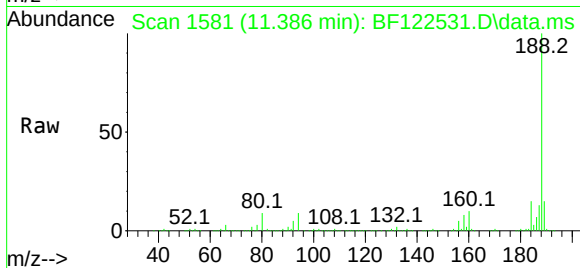




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF122531.D
Acq: 3 Dec 2020 11:05

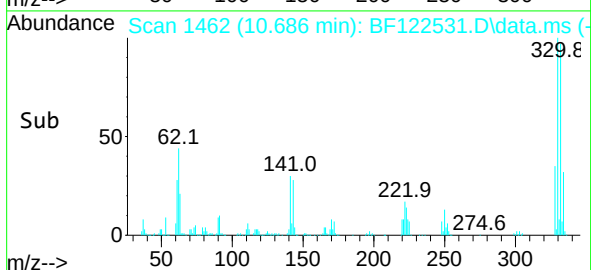
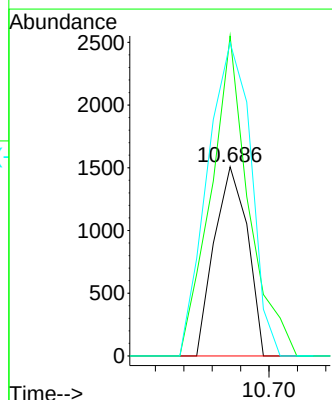
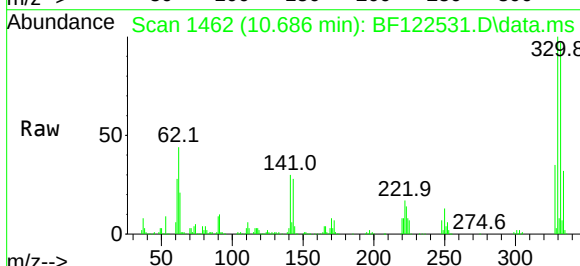
Instrument :
BNA_F
ClientSampleId :
PB133348BL

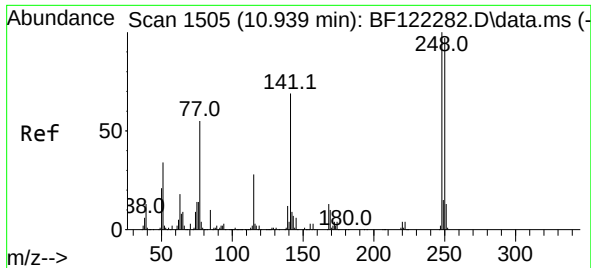
Tgt Ion:188 Resp: 1005233
Ion Ratio Lower Upper
188 100
94 8.9 8.3 12.5
80 9.2 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 6.50 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.188 min
Lab File: BF122531.D
Acq: 3 Dec 2020 11:05

Tgt Ion:198 Resp: 1221
Ion Ratio Lower Upper
198 100
51 169.3 29.6 69.6#
105 165.7 24.4 64.4#

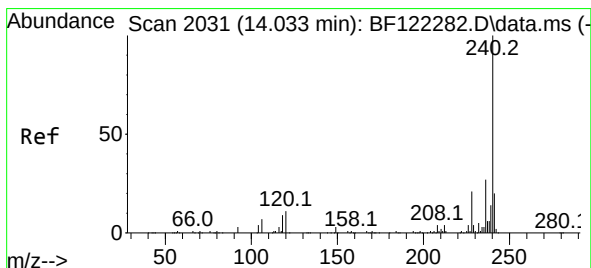
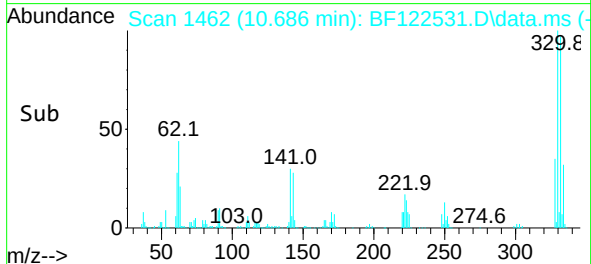
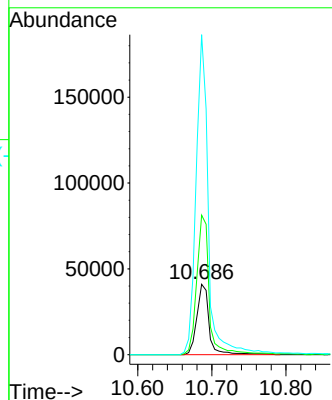
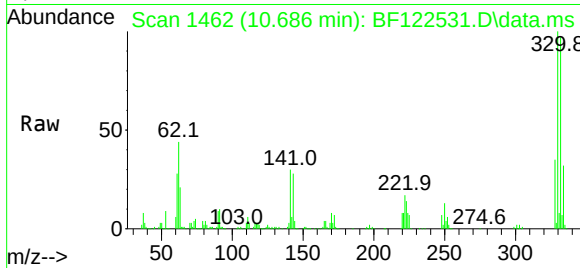




#67
4-Bromophenyl-phenylether
Concen: 4.00 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.247 min
Lab File: BF122531.D
Acq: 3 Dec 2020 11:05

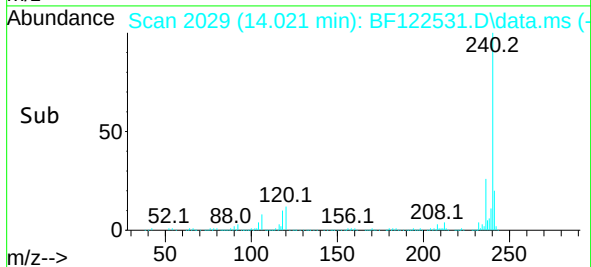
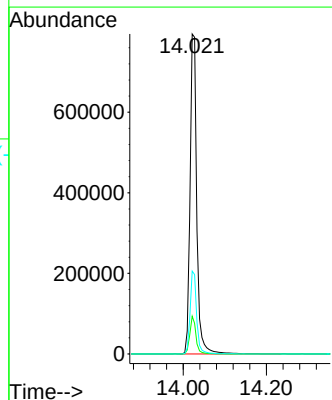
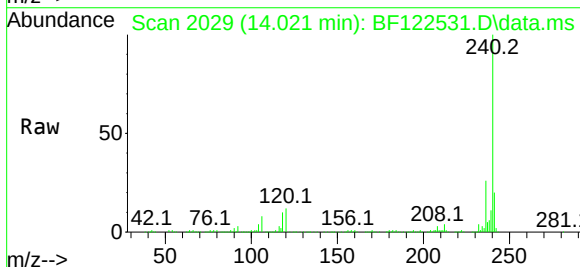
Instrument :
BNA_F
ClientSampleId :
PB133348BL

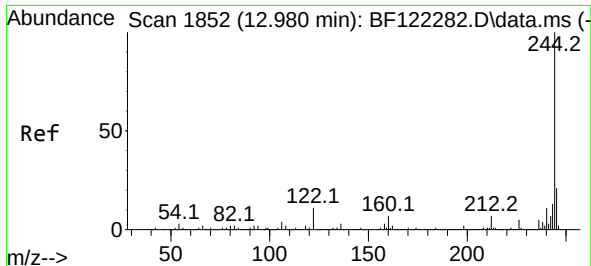
Tgt Ion:248 Resp: 47204
Ion Ratio Lower Upper
248 100
250 198.0 77.0 115.6#
141 454.3 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF122531.D
Acq: 3 Dec 2020 11:05

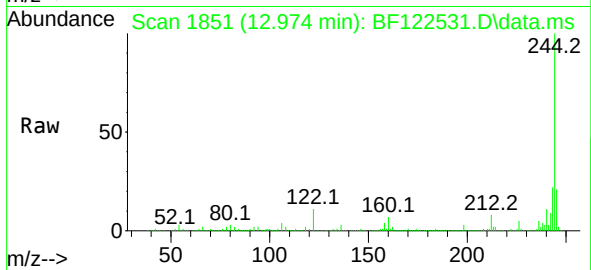
Tgt Ion:240 Resp: 885994
Ion Ratio Lower Upper
240 100
120 11.8 9.2 13.8
236 25.9 20.9 31.3



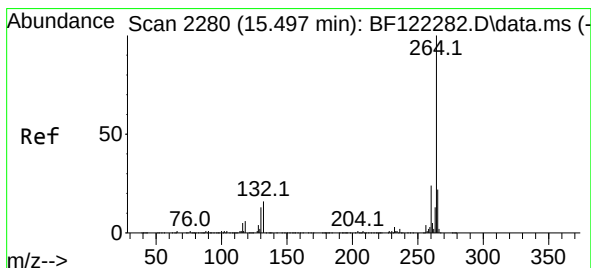
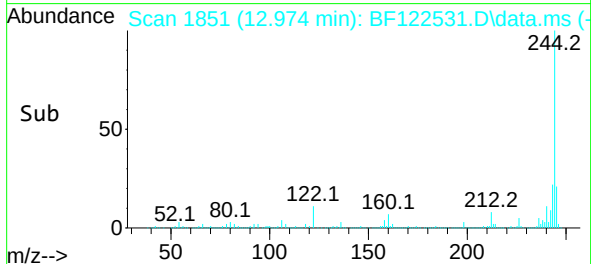
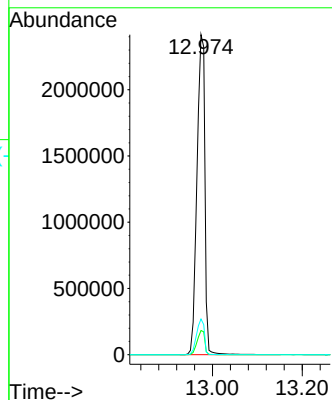


#79
 Terphenyl-d14
 Concen: 70.65 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF122531.D
 Acq: 3 Dec 2020 11:05

Instrument :
 BNA_F
 ClientSampleId :
 PB133348BL



Tgt Ion:244 Resp: 2954512
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.2
 122 11.1 8.1 12.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.498 min Scan# 2280
 Delta R.T. -0.006 min
 Lab File: BF122531.D
 Acq: 3 Dec 2020 11:05

Tgt Ion:264 Resp: 761100
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.7 28.1
 265 21.9 17.3 25.9

