

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112420\
 Data File : BF122471.D
 Acq On : 24 Nov 2020 17:01
 Operator : JU/CG
 Sample : L4829-11DL2 40X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-14DL2

Quant Time: Nov 24 17:29:33 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)

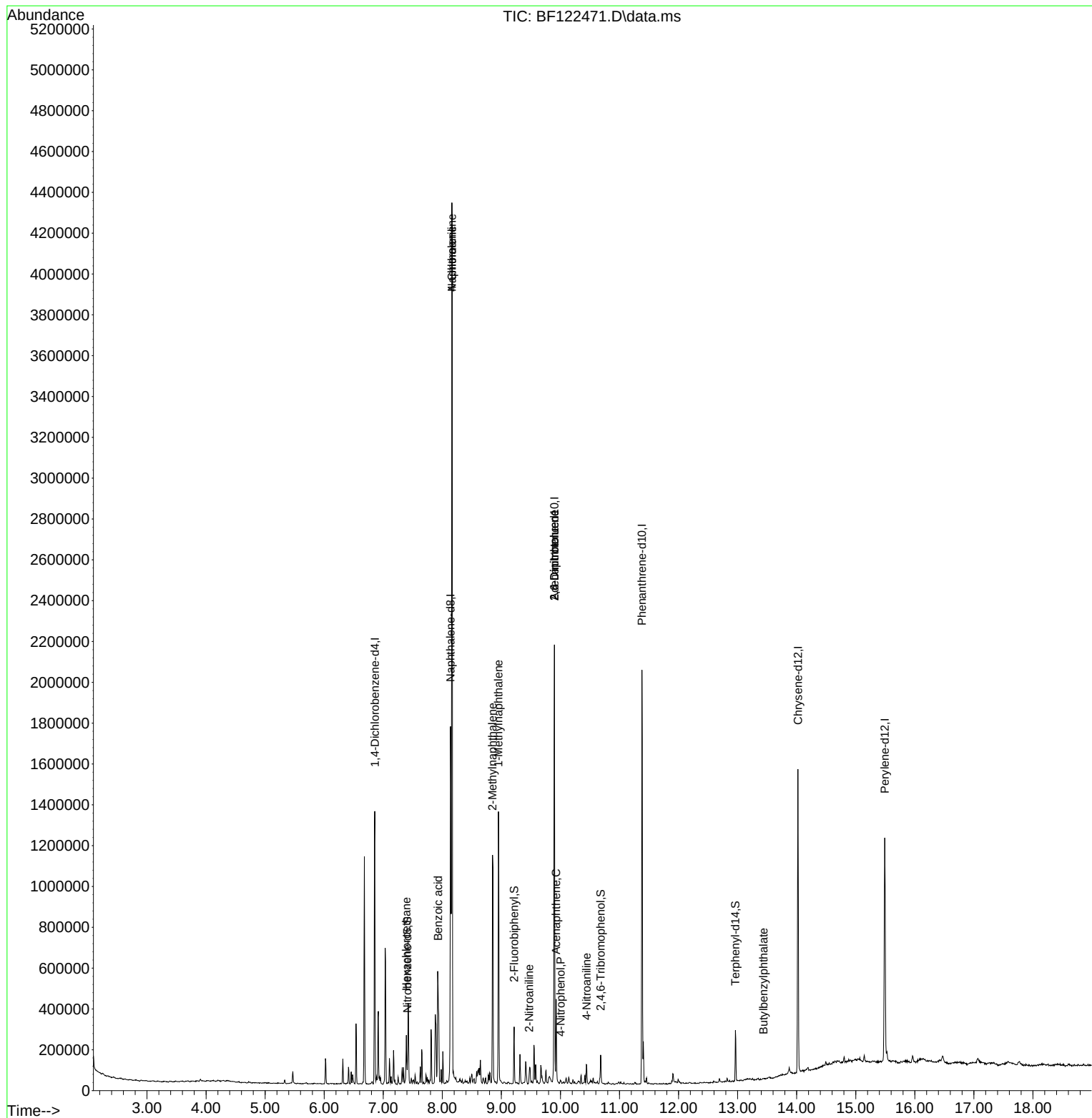
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	198439	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	780539	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	421040	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	731532	20.00	ng	0.00
76) Chrysene-d12	14.021	240	487812	20.00	ng	-0.01
86) Perylene-d12	15.492	264	506492	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	16976	1.31	ng	-0.01
7) Phenol-d6	6.481	99	15431	0.91	ng	-0.02
23) Nitrobenzene-d5	7.410	82	35316	2.77	ng	-0.02
42) 2,4,6-Tribromophenol	10.680	330	16481	3.65	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	81077	3.01	ng	0.00
79) Terphenyl-d14	12.962	244	75238	3.27	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.410	77	3371	Below Cal	#	1
18) Hexachloroethane	7.392	117	14976	2.81	ng	# 1
31) Naphthalene	8.163	128	1948583	46.96	ng	98
32) Benzoic acid	7.928	122	511	8.02	ng	# 1
33) 4-Chloroaniline	8.163	127	271584	15.03	ng	# 34
37) 2-Methylnaphthalene	8.851	142	310685	11.33	ng	99
38) 1-Methylnaphthalene	8.951	142	338979	13.21	ng	100
48) 2-Nitroaniline	9.469	65	566	5.23	ng	# 6
51) 2,6-Dinitrotoluene	9.898	165	56691	11.65	ng	# 21
52) Acenaphthene	9.927	154	76293	3.01	ng	99
56) 4-Nitrophenol	10.004	139	387	5.46	ng	# 10
57) 2,4-Dinitrotoluene	9.898	165	56691	10.81	ng	# 20
62) 4-Nitroaniline	10.445	138	262	3.42	ng	# 19
80) Butylbenzylphthalate	13.439	149	740	3.34	ng	# 68

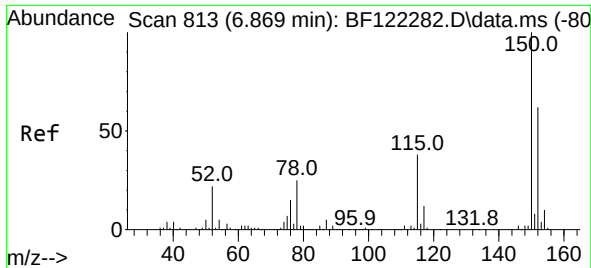
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112420\
Data File : BF122471.D
Acq On : 24 Nov 2020 17:01
Operator : JU/CG
Sample : L4829-11DL2 40X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-14DL2

Quant Time: Nov 24 17:29:33 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

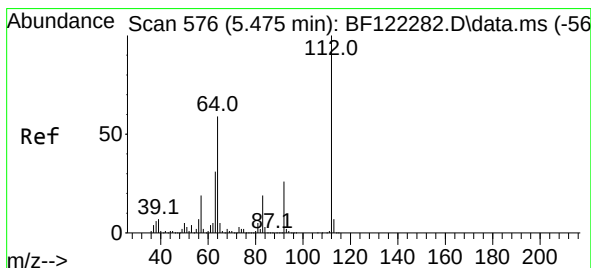
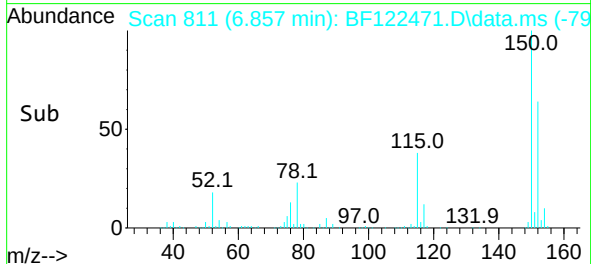
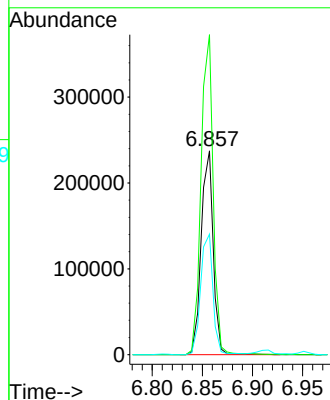
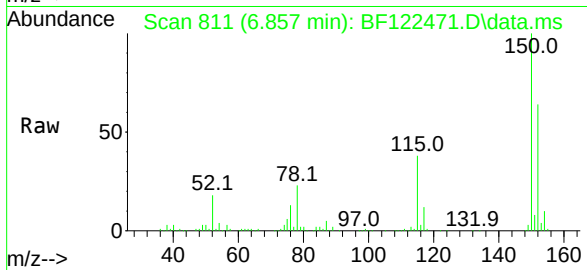




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF122471.D
Acq: 24 Nov 2020 17:01

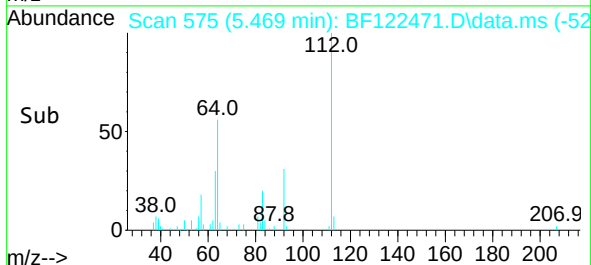
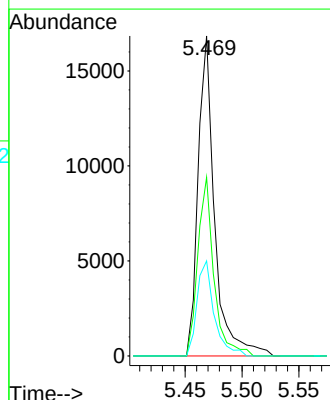
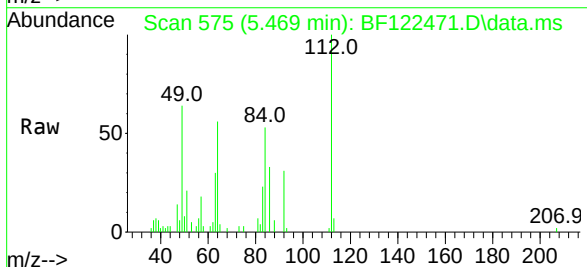
Instrument :
BNA_F
ClientSampleId :
MW-14DL2

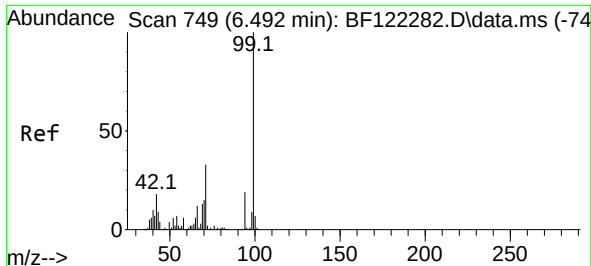
Tgt Ion:152 Resp: 198439
Ion Ratio Lower Upper
152 100
150 157.0 125.3 187.9
115 59.2 51.9 77.9



#5
2-Fluorophenol
Concen: 1.31 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.012 min
Lab File: BF122471.D
Acq: 24 Nov 2020 17:01

Tgt Ion:112 Resp: 16976
Ion Ratio Lower Upper
112 100
64 55.9 50.4 75.6
63 29.7 25.8 38.6

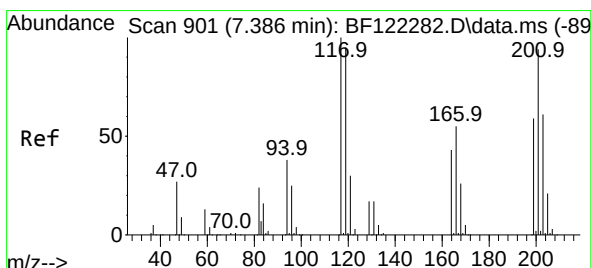
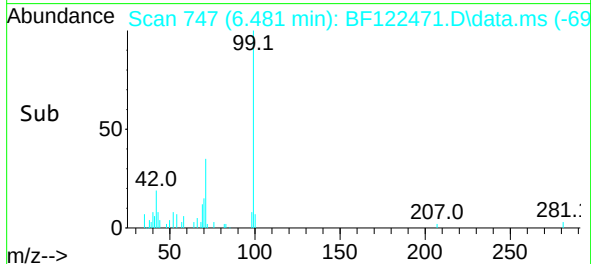
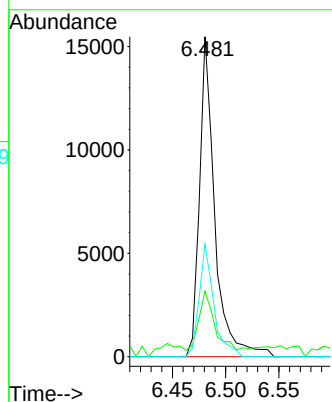
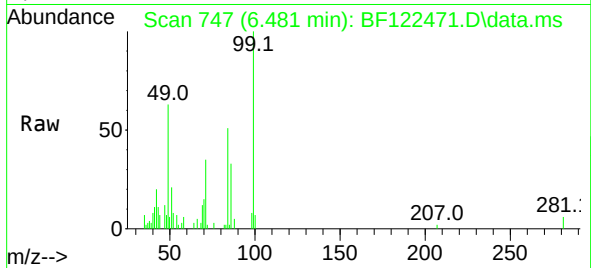




#7
Phenol-d6
Concen: 0.91 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.018 min
Lab File: BF122471.D
Acq: 24 Nov 2020 17:01

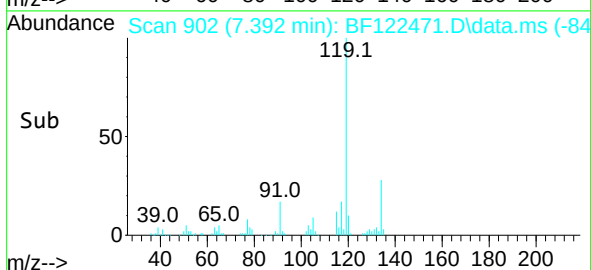
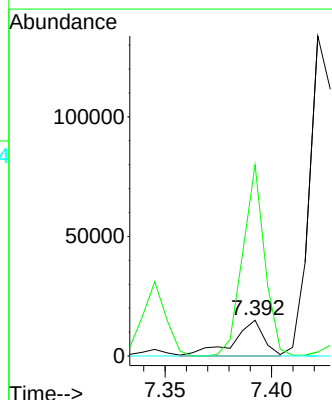
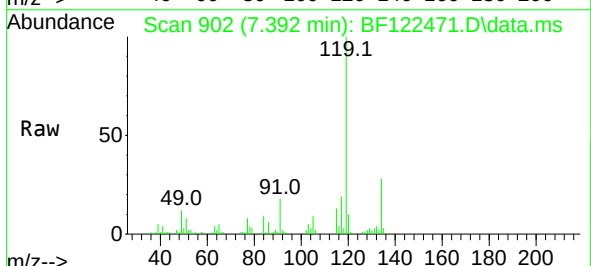
Instrument :
BNA_F
ClientSampleId :
MW-14DL2

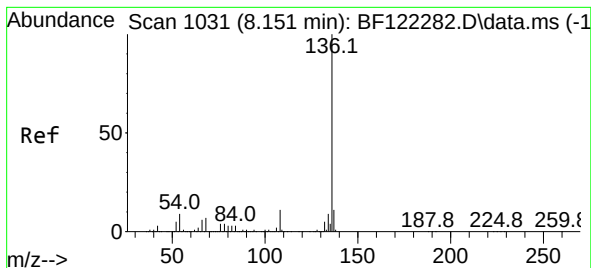
Tgt Ion:	99	Resp:	15431
Ion	Ratio	Lower	Upper
99	100		
42	20.5	15.9	23.9
71	35.2	27.1	40.7



#18
Hexachloroethane
Concen: 2.81 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.017 min
Lab File: BF122471.D
Acq: 24 Nov 2020 17:01

Tgt Ion:	117	Resp:	14976
Ion	Ratio	Lower	Upper
117	100		
119	536.9	76.3	114.5#
201	0.0	71.8	107.6#



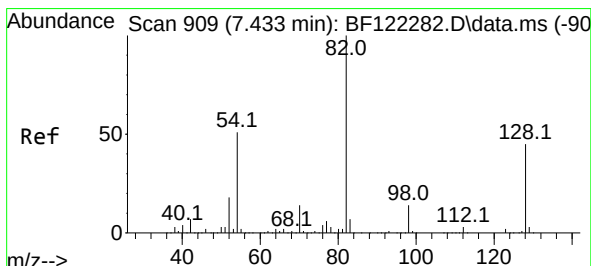
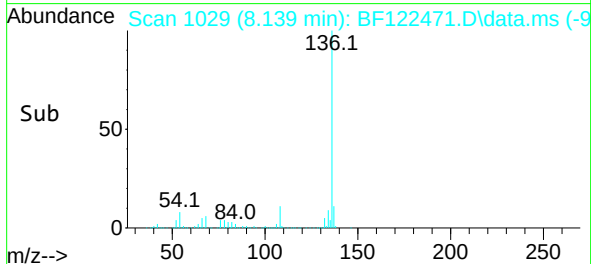
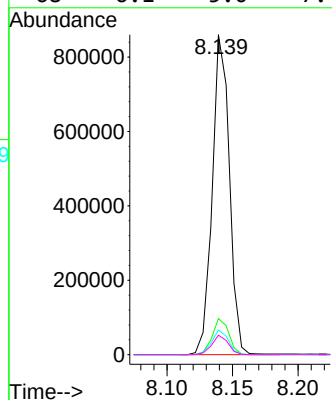
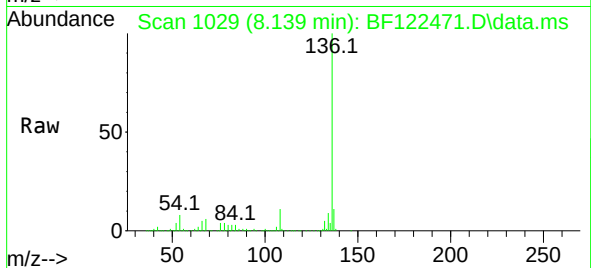


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF122471.D
Acq: 24 Nov 2020 17:01

Instrument :
BNA_F
ClientSampleId :
MW-14DL2

Tgt Ion:136 Resp: 780539

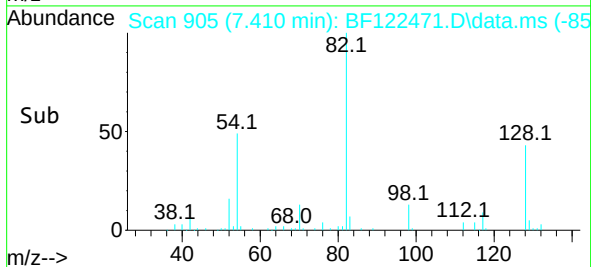
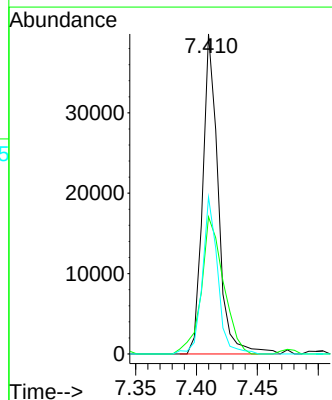
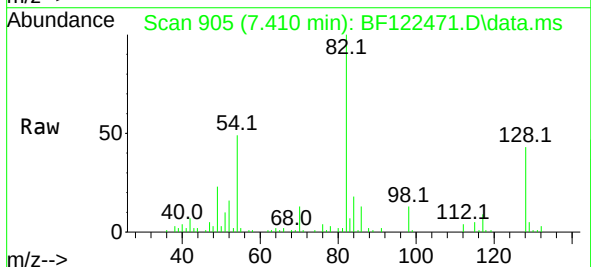
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	7.7	7.1	10.7
68	6.1	5.0	7.4

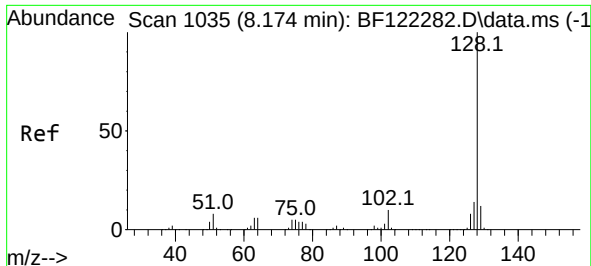


#23
Nitrobenzene-d5
Concen: 2.77 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.018 min
Lab File: BF122471.D
Acq: 24 Nov 2020 17:01

Tgt Ion: 82 Resp: 35316

Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.0	52.4
54	49.0	43.9	65.9

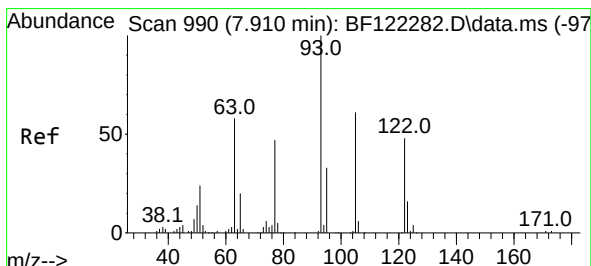
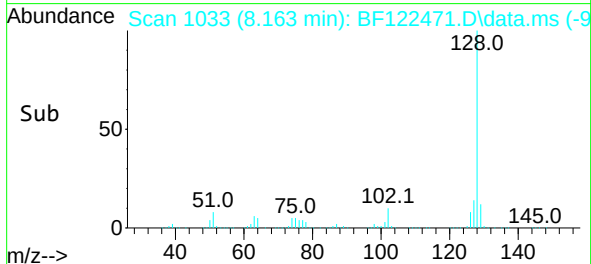
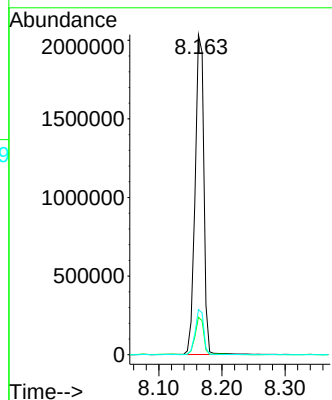
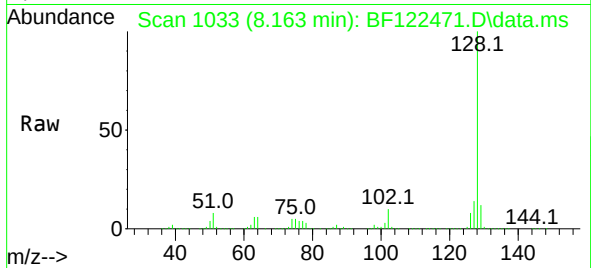




#31
Naphthalene
Concen: 46.96 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF122471.D
Acq: 24 Nov 2020 17:01

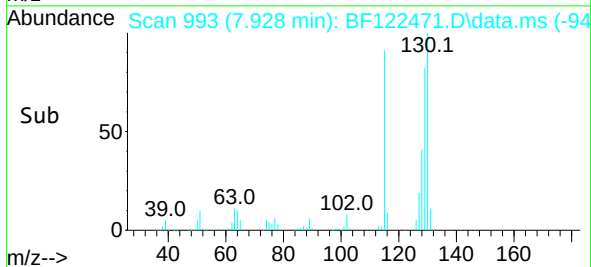
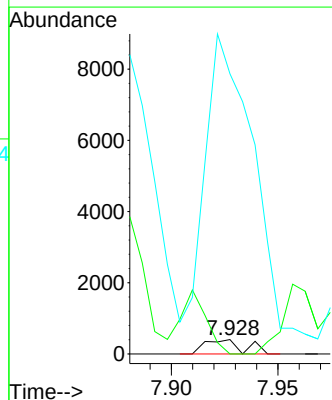
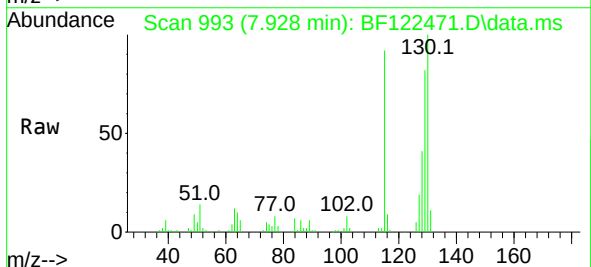
Instrument :
BNA_F
ClientSampleId :
MW-14DL2

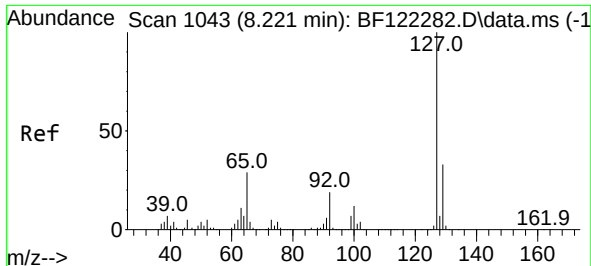
Tgt Ion:128 Resp: 1948583
Ion Ratio Lower Upper
128 100
129 11.7 8.7 13.1
127 14.1 10.8 16.2



#32
Benzoic acid
Concen: 8.02 ng
RT: 7.928 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF122471.D
Acq: 24 Nov 2020 17:01

Tgt Ion:122 Resp: 511
Ion Ratio Lower Upper
122 100
105 0.0 103.3 143.3#
77 1938.4 73.9 113.9#

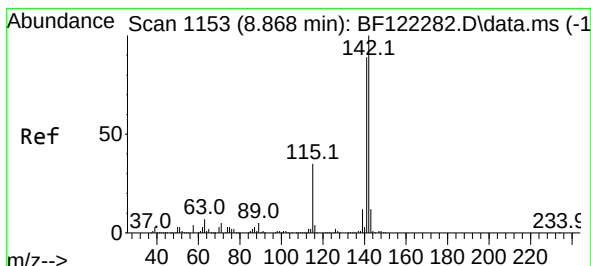
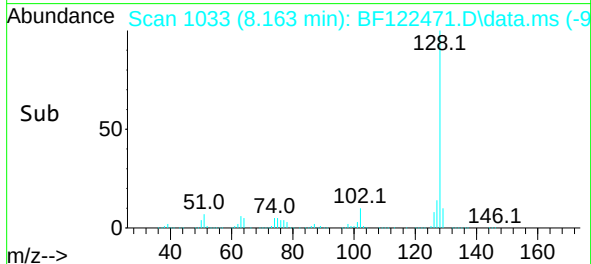
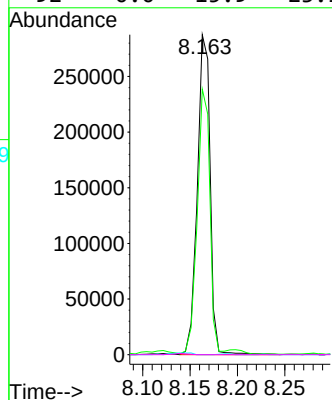
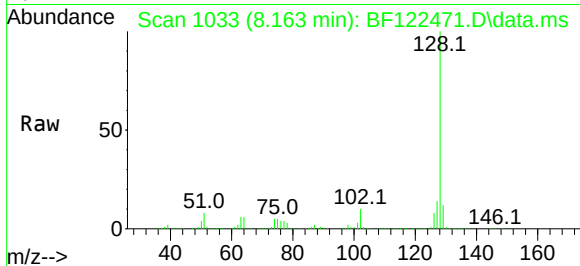




#33
4-Chloroaniline
Concen: 15.03 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.053 min
Lab File: BF122471.D
Acq: 24 Nov 2020 17:01

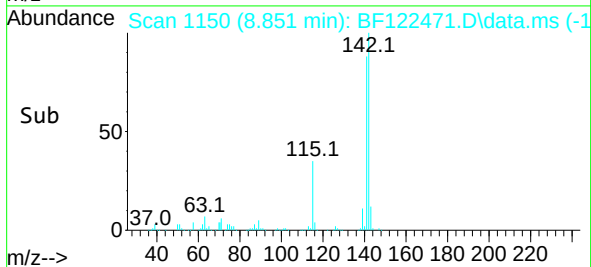
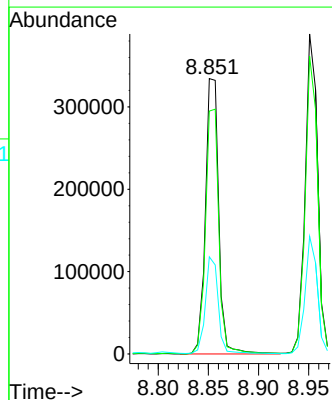
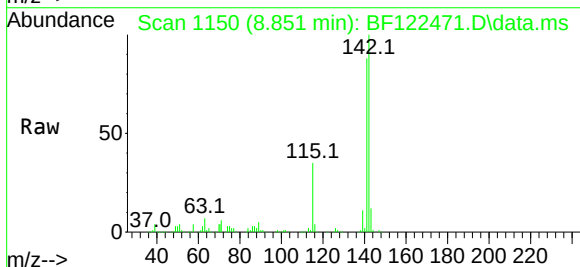
Instrument :
BNA_F
ClientSampleId :
MW-14DL2

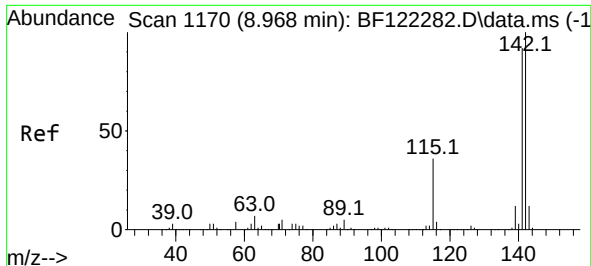
Tgt Ion:	127	Resp:	271584
Ion Ratio	Lower	Upper	
127	100		
129	83.0	26.3	39.5#
65	0.0	26.2	39.2#
92	0.0	15.9	23.9#



#37
2-Methylnaphthalene
Concen: 11.33 ng
RT: 8.851 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF122471.D
Acq: 24 Nov 2020 17:01

Tgt Ion:	142	Resp:	310685
Ion Ratio	Lower	Upper	
142	100		
141	88.2	70.2	105.4
115	35.3	28.6	43.0

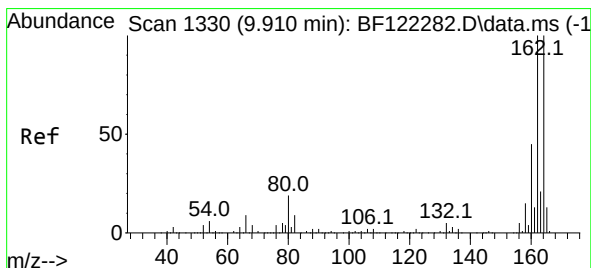
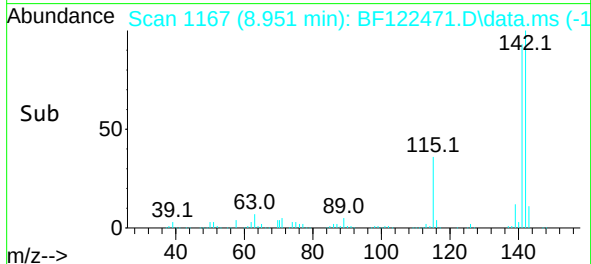
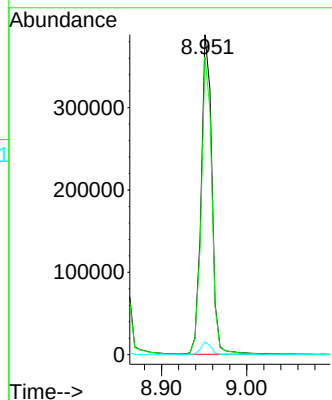
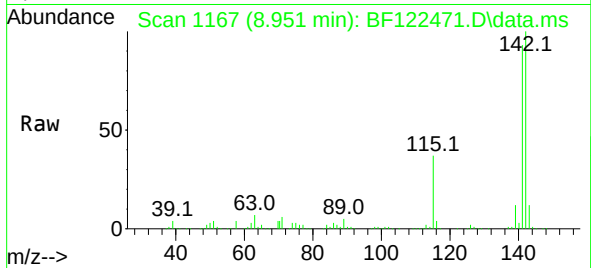




#38
1-Methylnaphthalene
Concen: 13.21 ng
RT: 8.951 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF122471.D
Acq: 24 Nov 2020 17:01

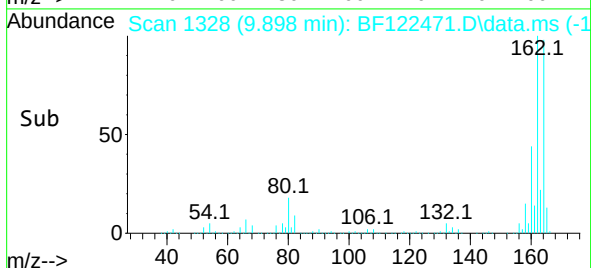
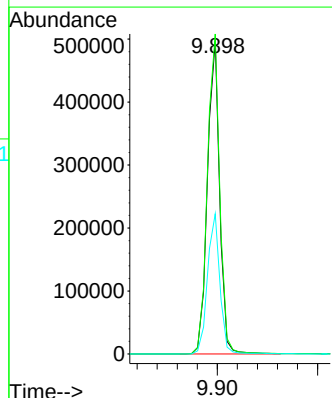
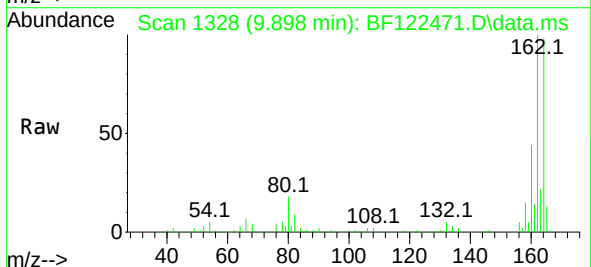
Instrument :
BNA_F
ClientSampleId :
MW-14DL2

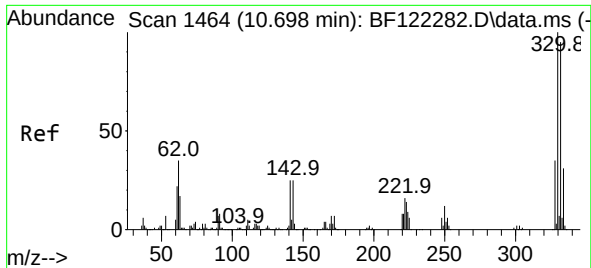
Tgt Ion:142 Resp: 338979
Ion Ratio Lower Upper
142 100
141 93.0 74.5 111.7
116 4.0 3.2 4.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF122471.D
Acq: 24 Nov 2020 17:01

Tgt Ion:164 Resp: 421040
Ion Ratio Lower Upper
164 100
162 102.2 83.2 124.8
160 44.8 37.5 56.3

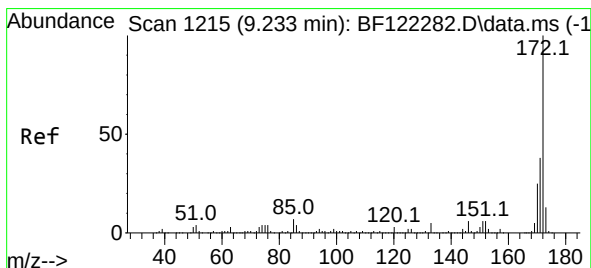
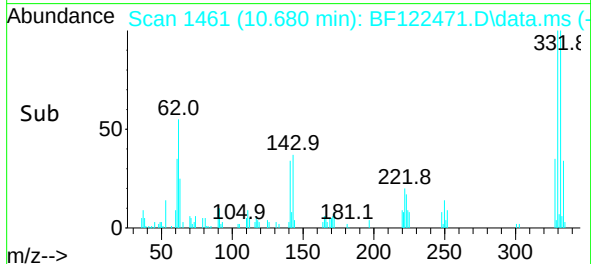
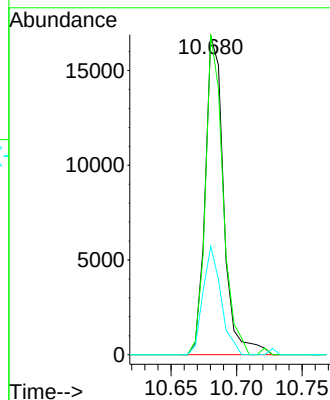
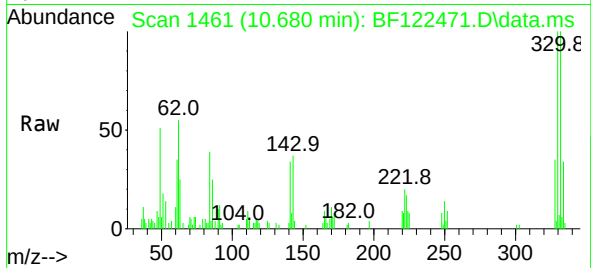




#42
 2,4,6-Tribromophenol
 Concen: 3.65 ng
 RT: 10.680 min Scan# 1461
 Delta R.T. -0.012 min
 Lab File: BF122471.D
 Acq: 24 Nov 2020 17:01

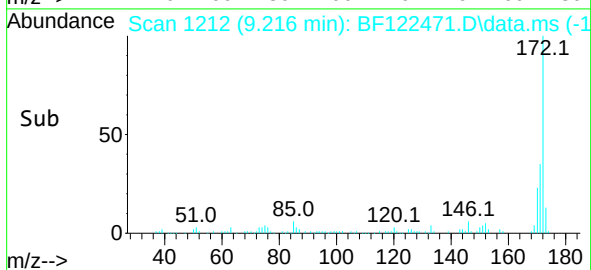
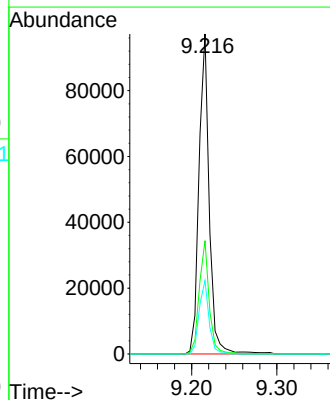
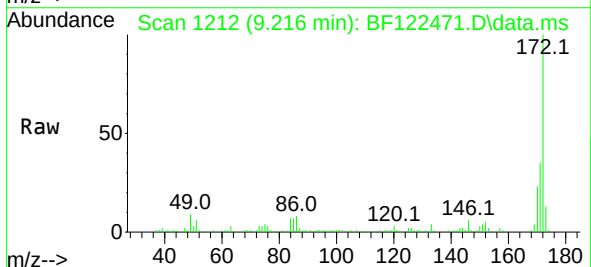
Instrument :
 BNA_F
 ClientSampleID :
 MW-14DL2

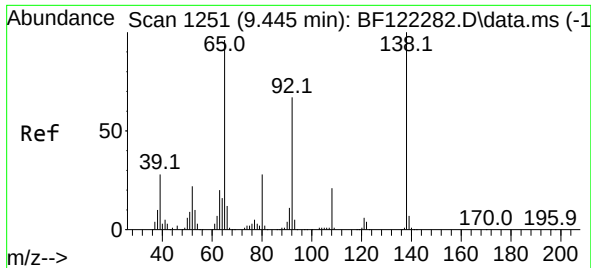
Tgt Ion: 330 Resp: 16481
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.3 115.9
 141 33.2 22.3 33.5



#45
 2-Fluorobiphenyl
 Concen: 3.01 ng
 RT: 9.216 min Scan# 1212
 Delta R.T. -0.006 min
 Lab File: BF122471.D
 Acq: 24 Nov 2020 17:01

Tgt Ion: 172 Resp: 81077
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.1 43.7
 170 23.0 19.8 29.6

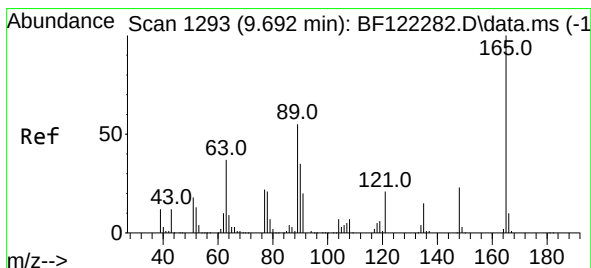
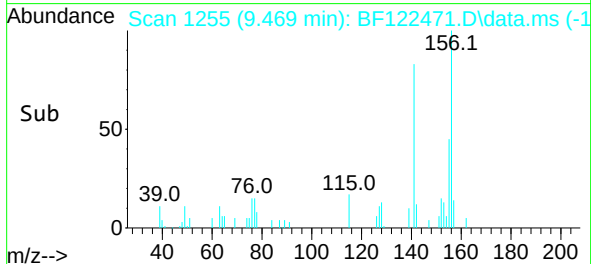
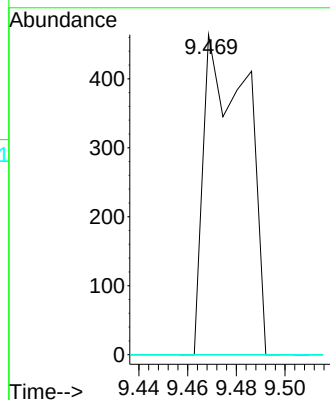
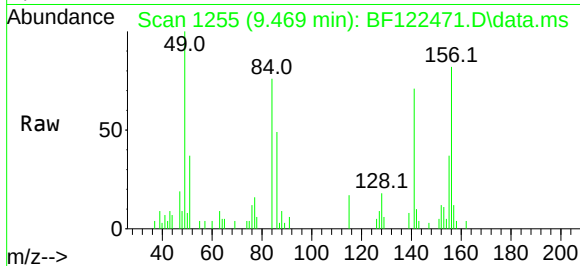




#48
2-Nitroaniline
Concen: 5.23 ng
RT: 9.469 min Scan# 1255
Delta R.T. 0.023 min
Lab File: BF122471.D
Acq: 24 Nov 2020 17:01

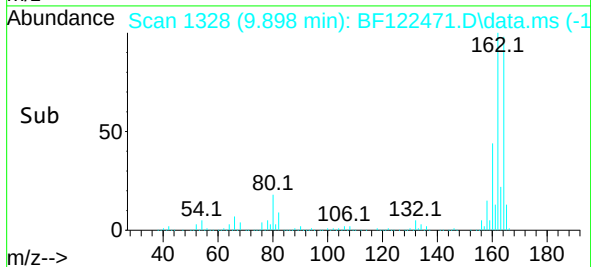
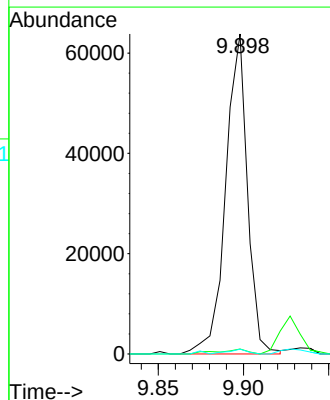
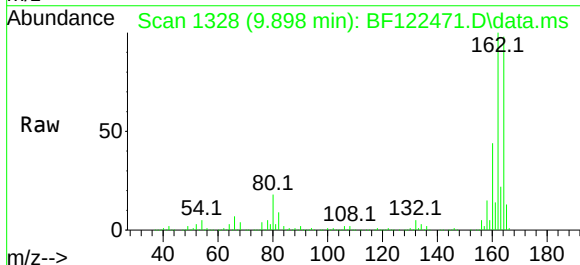
Instrument :
BNA_F
ClientSampleId :
MW-14DL2

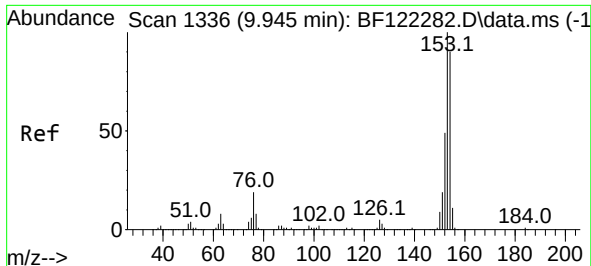
Tgt Ion:	65	Resp:	566
Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.1	82.7#
138	0.0	80.5	120.7#



#51
2,6-Dinitrotoluene
Concen: 11.65 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF122471.D
Acq: 24 Nov 2020 17:01

Tgt Ion:	165	Resp:	56691
Ion	Ratio	Lower	Upper
165	100		
63	1.6	51.8	77.6#
89	1.5	49.0	73.6#





#52

Acenaphthene

Concen: 3.01 ng

RT: 9.927 min Scan# 1333

Delta R.T. -0.012 min

Lab File: BF122471.D

Acq: 24 Nov 2020 17:01

Tgt Ion:154 Resp: 76293

Ion Ratio Lower Upper

154 100

153 112.7 89.8 134.8

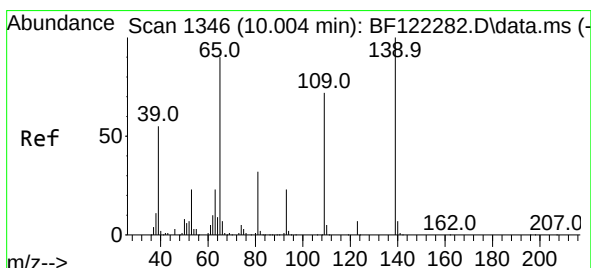
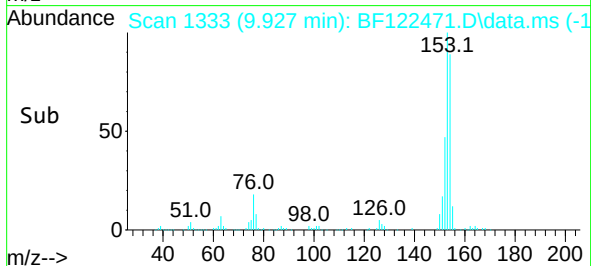
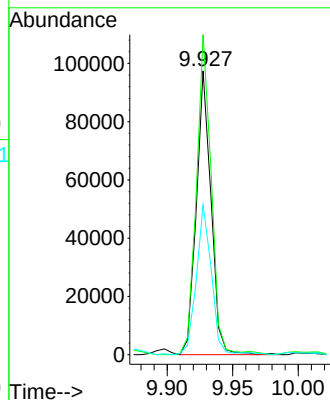
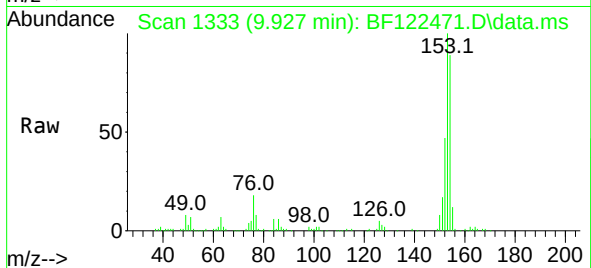
152 52.7 43.2 64.8

Instrument :

BNA_F

ClientSampleId :

MW-14DL2



#56

4-Nitrophenol

Concen: 5.46 ng

RT: 10.004 min Scan# 1346

Delta R.T. -0.012 min

Lab File: BF122471.D

Acq: 24 Nov 2020 17:01

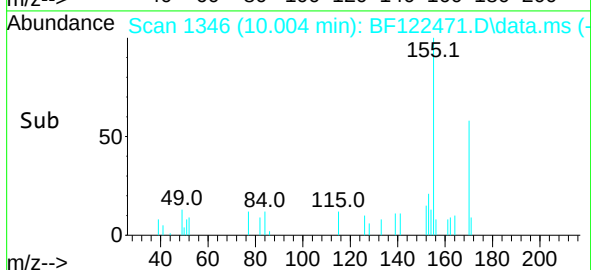
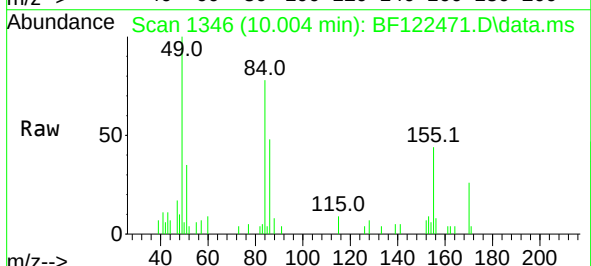
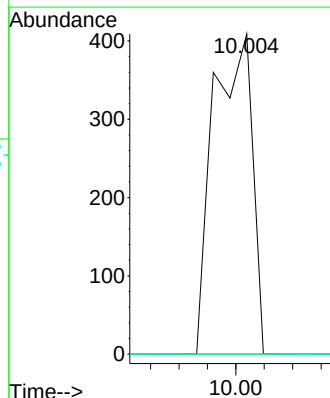
Tgt Ion:139 Resp: 387

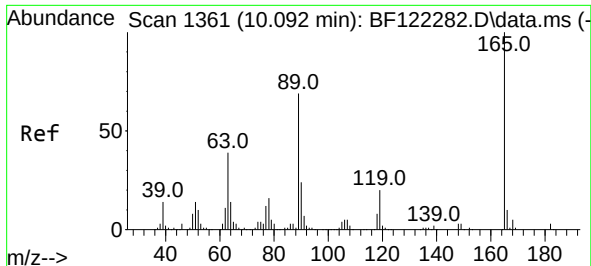
Ion Ratio Lower Upper

139 100

109 0.0 45.4 85.4#

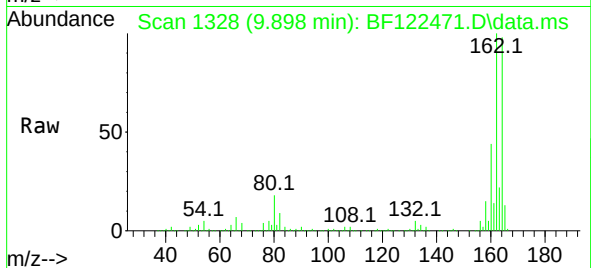
65 0.0 68.4 108.4#



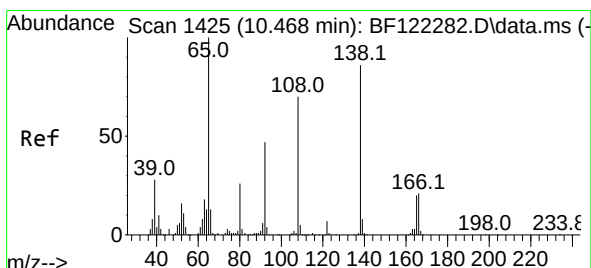
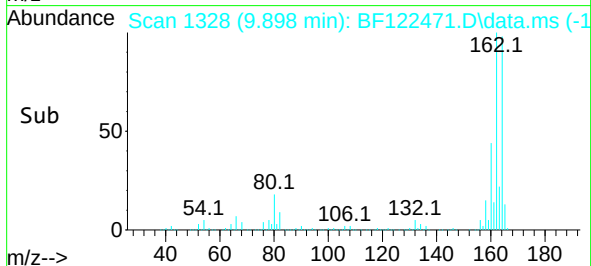
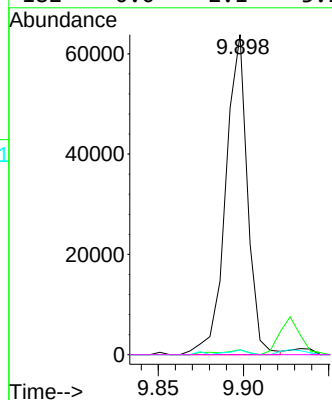


#57
2,4-Dinitrotoluene
Concen: 10.81 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.188 min
Lab File: BF122471.D
Acq: 24 Nov 2020 17:01

Instrument :
BNA_F
ClientSampleId :
MW-14DL2

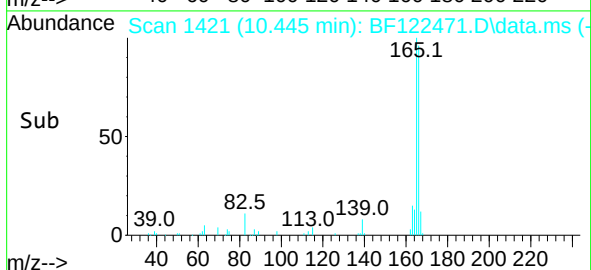
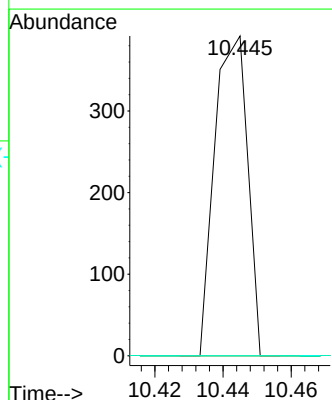
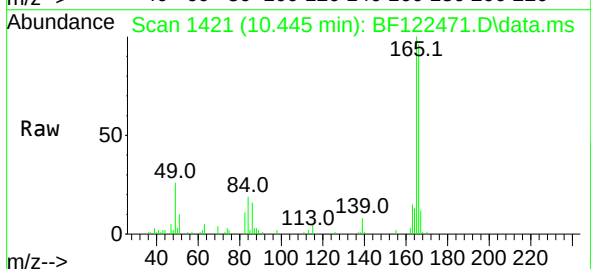


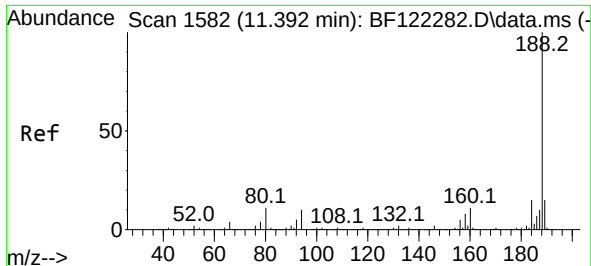
Tgt Ion:165 Resp: 56691
Ion Ratio Lower Upper
165 100
63 1.6 41.3 61.9#
89 1.5 61.8 92.8#
182 0.0 2.1 3.1#



#62
4-Nitroaniline
Concen: 3.42 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.030 min
Lab File: BF122471.D
Acq: 24 Nov 2020 17:01

Tgt Ion:138 Resp: 262
Ion Ratio Lower Upper
138 100
92 0.0 31.0 71.0#
108 0.0 51.5 91.5#

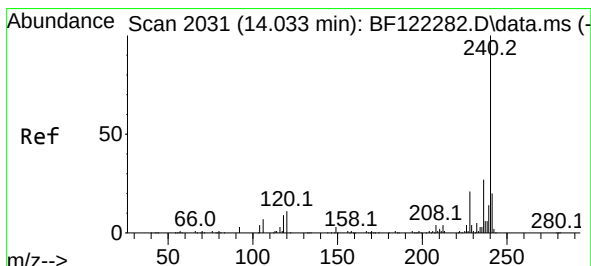
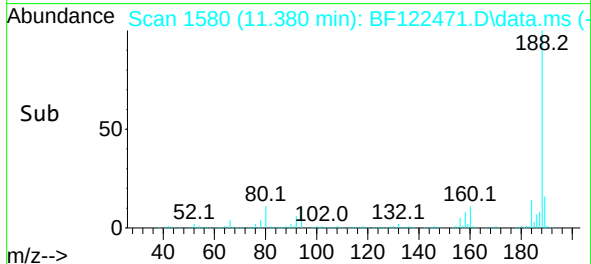
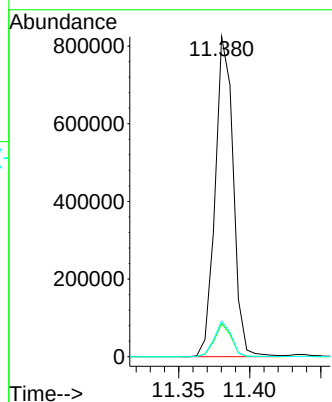
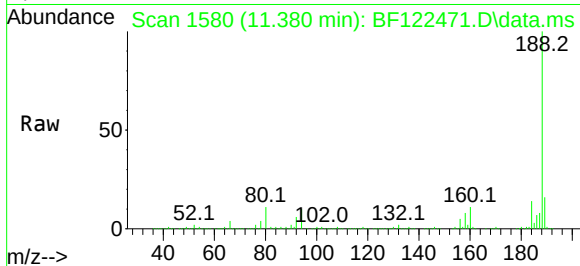




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF122471.D
Acq: 24 Nov 2020 17:01

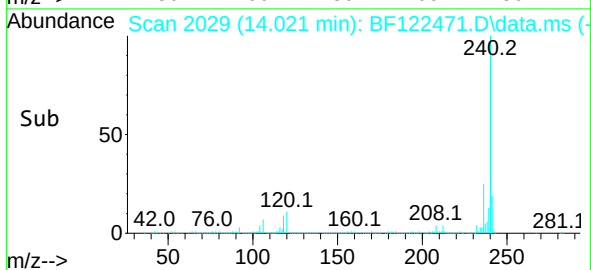
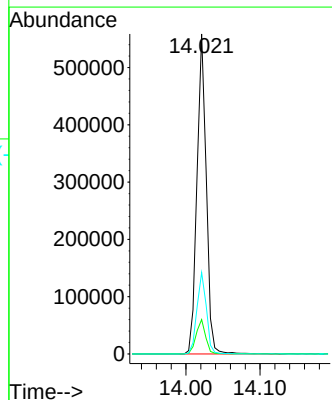
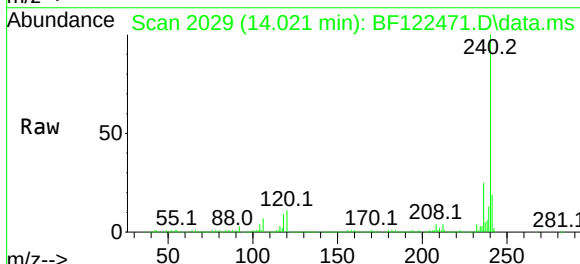
Instrument :
BNA_F
ClientSampleId :
MW-14DL2

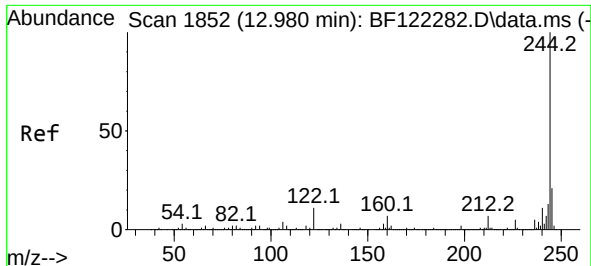
Tgt Ion:188 Resp: 731532
Ion Ratio Lower Upper
188 100
94 10.4 8.3 12.5
80 11.2 9.1 13.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF122471.D
Acq: 24 Nov 2020 17:01

Tgt Ion:240 Resp: 487812
Ion Ratio Lower Upper
240 100
120 10.8 9.2 13.8
236 25.4 20.9 31.3

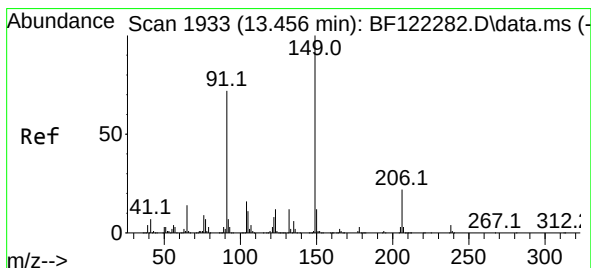
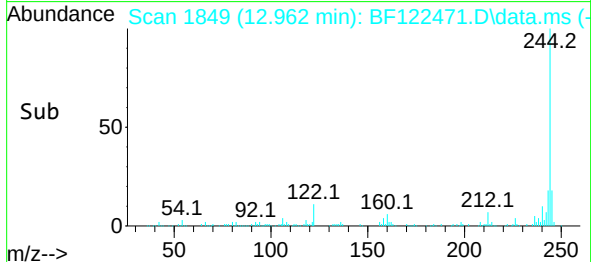
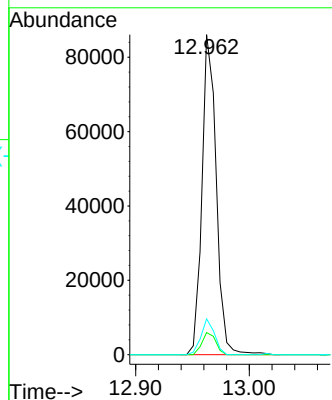
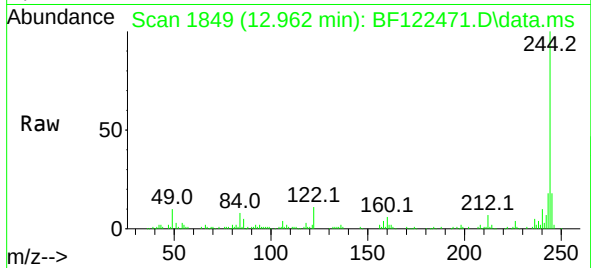




#79
 Terphenyl-d14
 Concen: 3.27 ng
 RT: 12.962 min Scan# 1849
 Delta R.T. -0.012 min
 Lab File: BF122471.D
 Acq: 24 Nov 2020 17:01

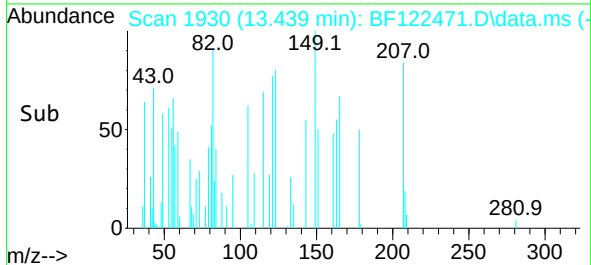
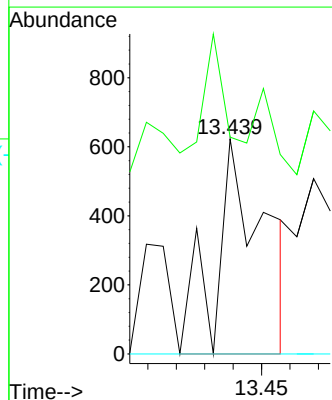
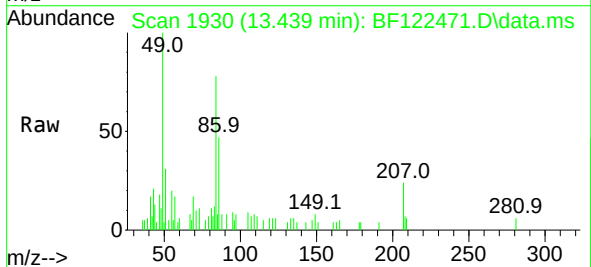
Instrument :
 BNA_F
 ClientSampled :
 MW-14DL2

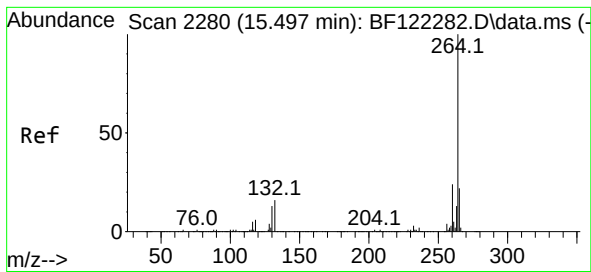
Tgt Ion:244 Resp: 75238
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 11.2 8.1 12.1



#80
 Butylbenzylphthalate
 Concen: 3.34 ng
 RT: 13.439 min Scan# 1930
 Delta R.T. -0.012 min
 Lab File: BF122471.D
 Acq: 24 Nov 2020 17:01

Tgt Ion:149 Resp: 740
 Ion Ratio Lower Upper
 149 100
 91 100.8 61.0 91.4#
 206 0.0 16.7 25.1#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. -0.012 min
 Lab File: BF122471.D
 Acq: 24 Nov 2020 17:01

Instrument :
 BNA_F
 ClientSampleId :
 MW-14DL2

Tgt Ion:264 Resp: 506492
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.7 28.1
 265 21.2 17.3 25.9

