

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111220\
 Data File : BF122320.D
 Acq On : 12 Nov 2020 17:38
 Operator : JU/CG
 Sample : L4718-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-LA-38-1-WC

Quant Time: Nov 13 01:34:48 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 10 12:25:42 2020
 Response via : Initial Calibration

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

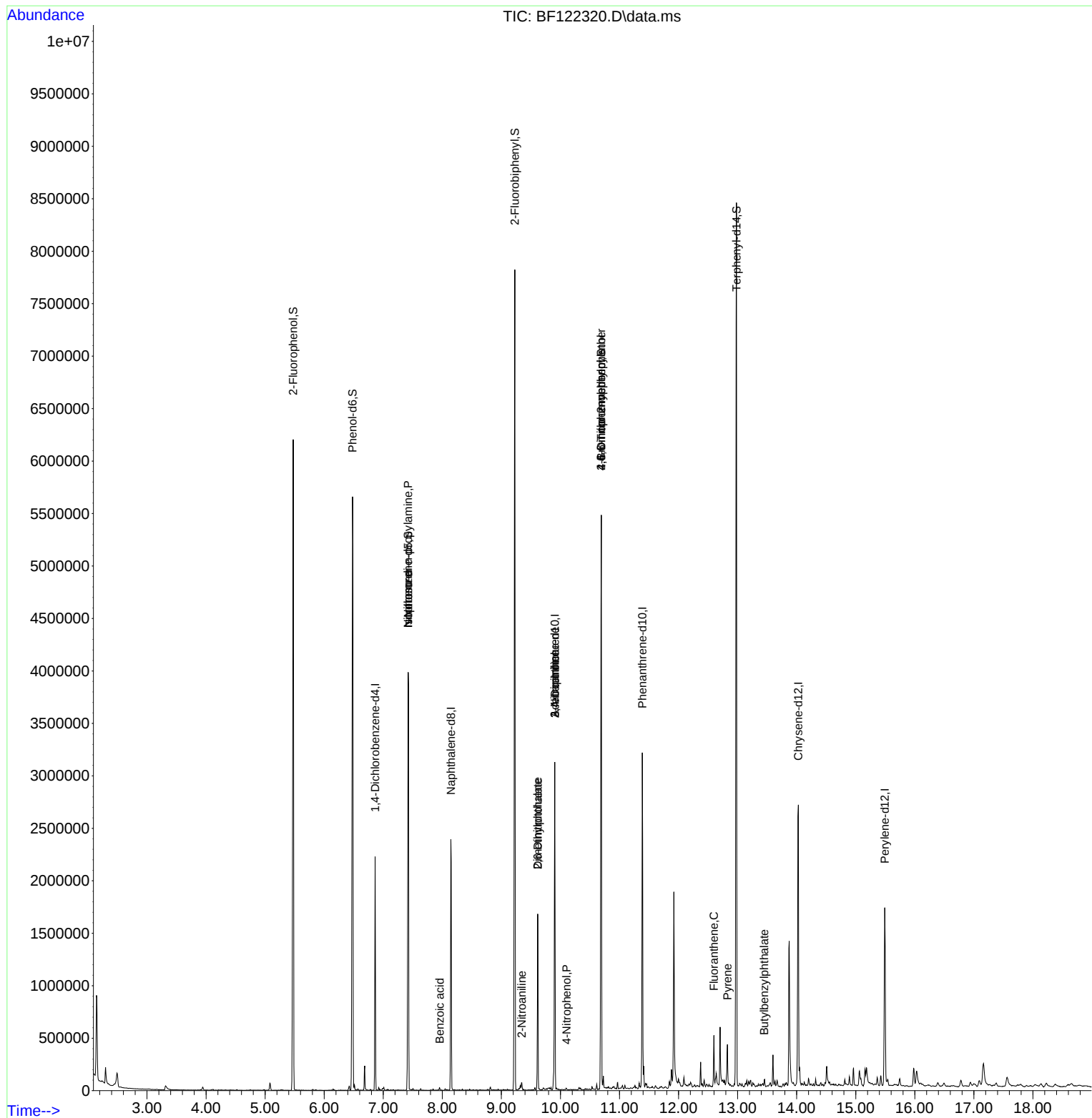
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	277091	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	1077201	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	575647	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	1073118	20.00	ng	0.00
76) Chrysene-d12	14.027	240	916881	20.00	ng	0.00
86) Perylene-d12	15.492	264	750957	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1789155	99.15	ng	0.00
7) Phenol-d6	6.481	99	2301270	97.48	ng	-0.01
23) Nitrobenzene-d5	7.422	82	1454926	82.69	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	682098	110.40	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2403473	65.24	ng	0.00
79) Terphenyl-d14	12.980	244	2663301	61.54	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.410	77	319	Below Cal	#	72
19) n-Nitroso-di-n-propyla...	7.422	70	200567	14.22	ng	# 77
25) Isophorone	7.422	82	1452436	37.03	ng	# 67
32) Benzoic acid	7.957	122	509	8.00	ng	# 20
48) 2-Nitroaniline	9.345	65	937	5.25	ng	# 6
50) Dimethylphthalate	9.616	163	588042	14.37	ng	# 100
51) 2,6-Dinitrotoluene	9.616	165	6789	4.50	ng	# 23
53) 3-Nitroaniline	9.904	138	113	3.57	ng	# 1
56) 4-Nitrophenol	10.104	139	450	5.45	ng	# 10
57) 2,4-Dinitrotoluene	9.904	165	75771	10.67	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.692	198	1788	6.63	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	42884	3.40	ng	# 1
75) Fluoranthene	12.598	202	161731	2.54	ng	97
78) Pyrene	12.827	202	145064	2.25	ng	98
80) Butylbenzylphthalate	13.451	149	912	3.32	ng	# 58

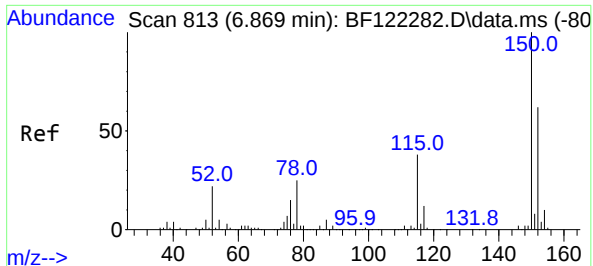
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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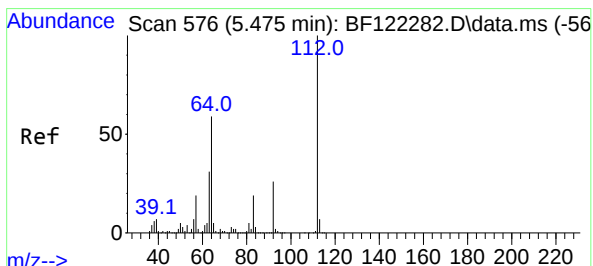
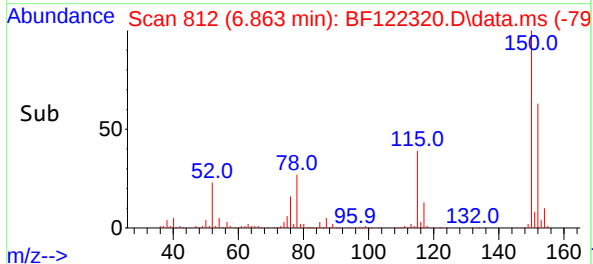
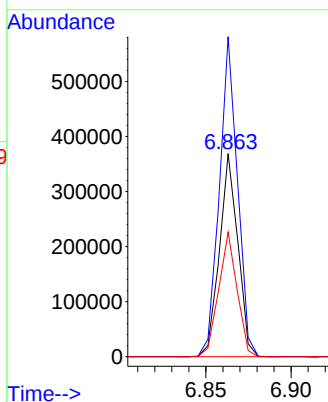
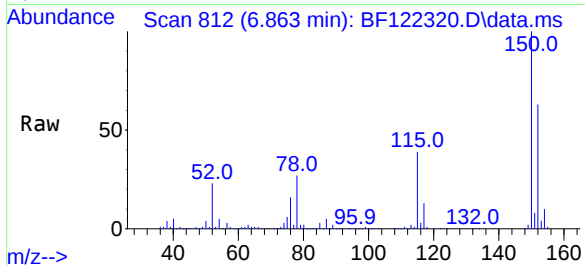




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122320.D
Acq: 12 Nov 2020 17:38

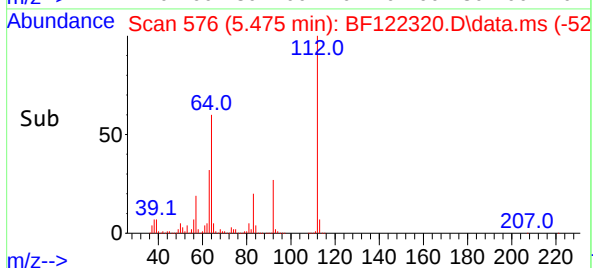
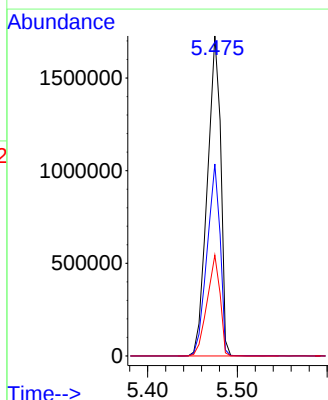
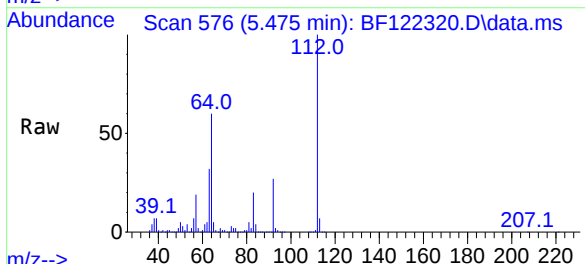
Instrument :
BNA_F
ClientSampled :
R-LA-38-1-WC

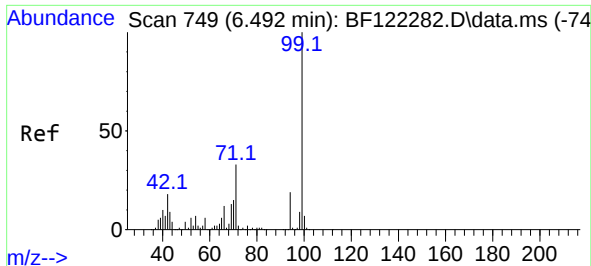
Tgt Ion:152 Resp: 277091
Ion Ratio Lower Upper
152 100
150 157.5 125.3 187.9
115 61.3 51.9 77.9



#5
2-Fluorophenol
Concen: 99.15 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF122320.D
Acq: 12 Nov 2020 17:38

Tgt Ion:112 Resp: 1789155
Ion Ratio Lower Upper
112 100
64 60.0 50.4 75.6
63 31.5 25.8 38.6



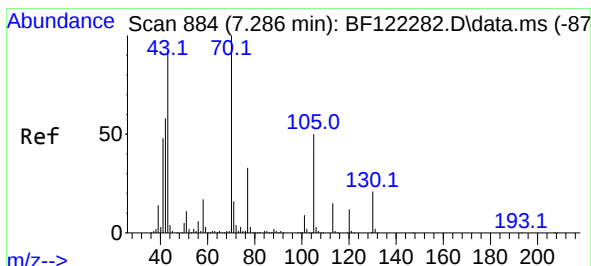
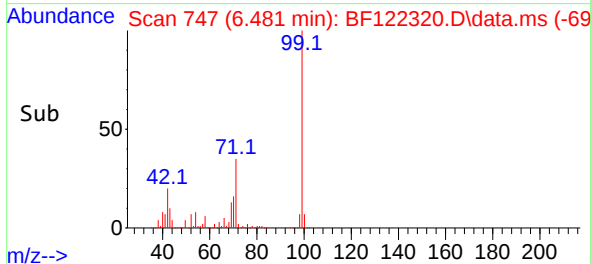
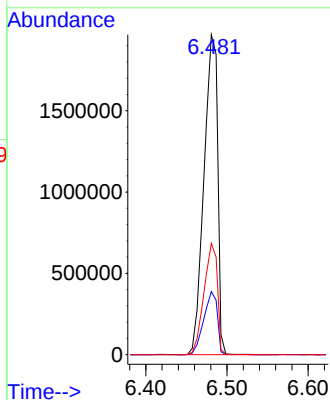
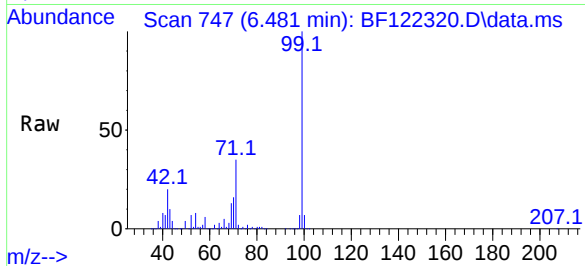


#7
Phenol-d6
Concen: 97.48 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.011 min
Lab File: BF122320.D
Acq: 12 Nov 2020 17:38

Instrument :
BNA_F
ClientSampleId :
R-LA-38-1-WC

Tgt Ion: 99 Resp: 2301270

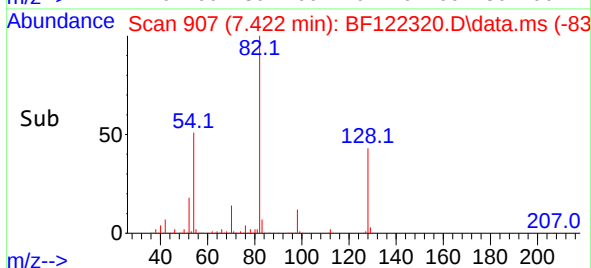
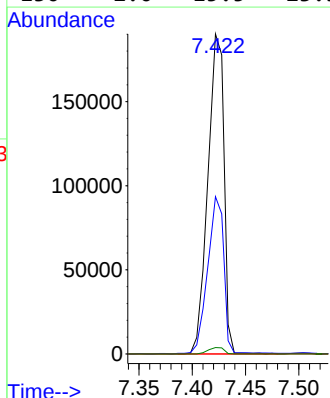
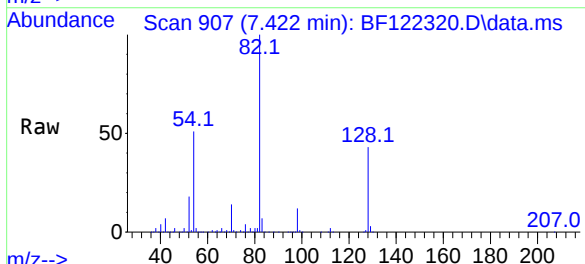
Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.9	23.9
71	34.8	27.1	40.7

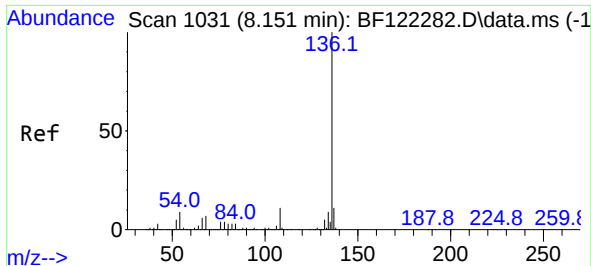


#19
n-Nitroso-di-n-propylamine
Concen: 14.22 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.136 min
Lab File: BF122320.D
Acq: 12 Nov 2020 17:38

Tgt Ion: 70 Resp: 200567

Ion	Ratio	Lower	Upper
70	100		
42	49.2	50.2	75.4#
101	0.0	7.5	11.3#
130	2.0	15.5	23.3#



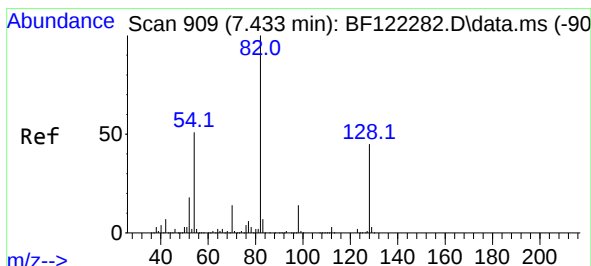
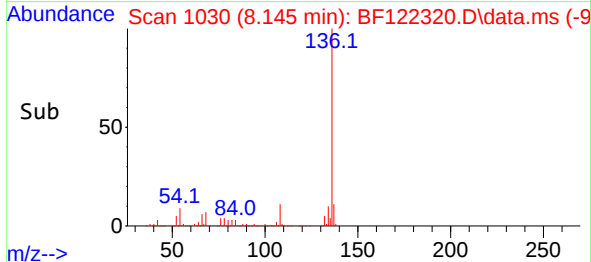
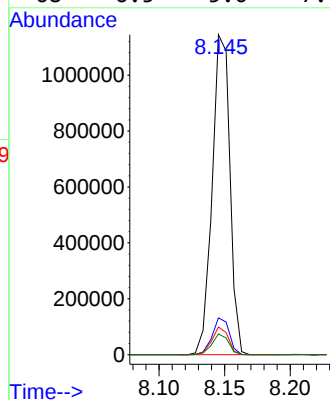
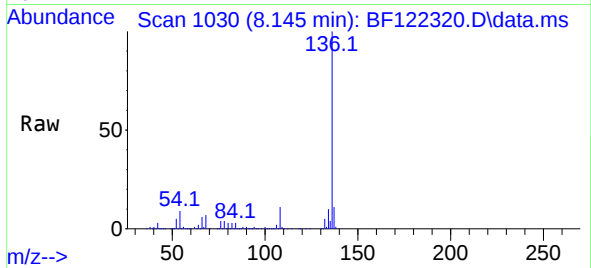


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF122320.D
Acq: 12 Nov 2020 17:38

Instrument :
BNA_F
ClientSampleId :
R-LA-38-1-WC

Tgt Ion:136 Resp: 1077201

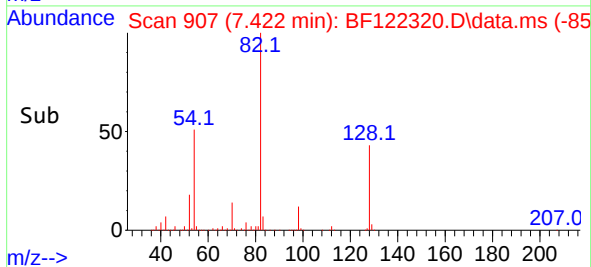
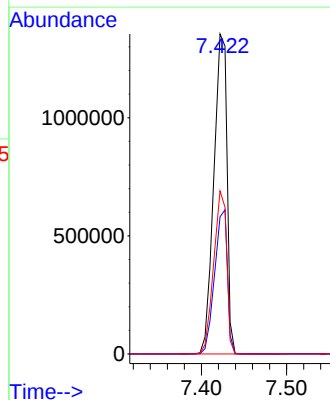
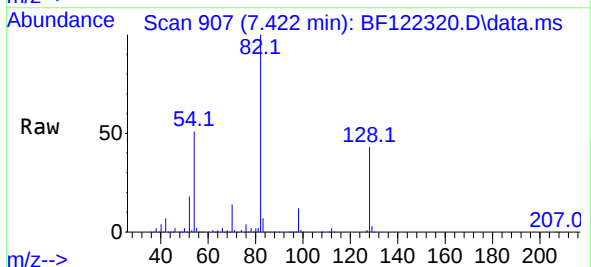
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	13.0
54	8.6	7.1	10.7
68	6.5	5.0	7.4

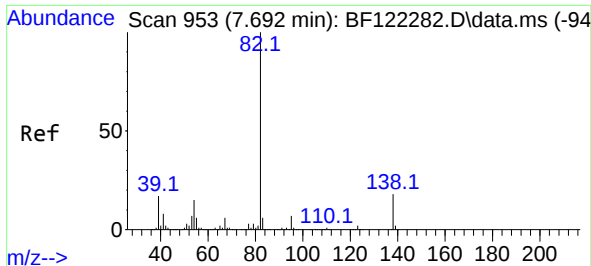


#23
Nitrobenzene-d5
Concen: 82.69 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.011 min
Lab File: BF122320.D
Acq: 12 Nov 2020 17:38

Tgt Ion: 82 Resp: 1454926

Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.0	52.4
54	51.0	43.9	65.9

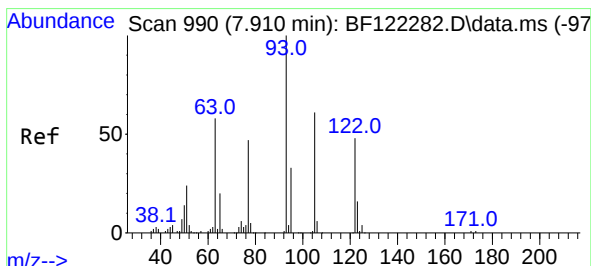
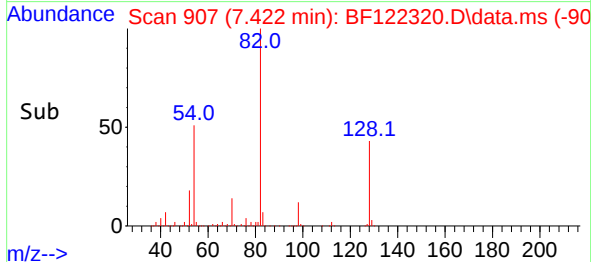
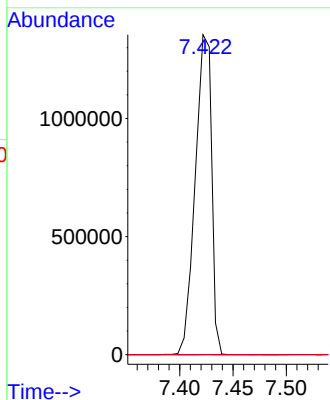
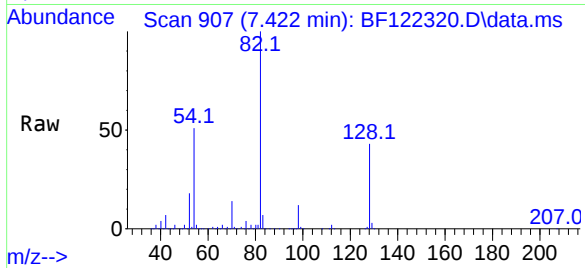




#25
Isophorone
Concen: 37.03 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.270 min
Lab File: BF122320.D
Acq: 12 Nov 2020 17:38

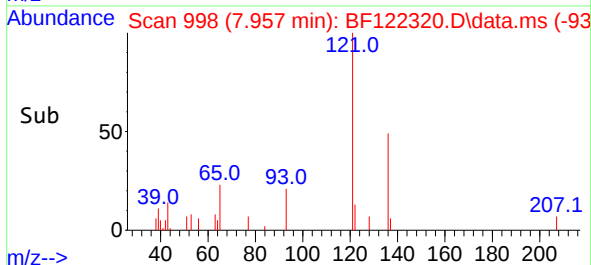
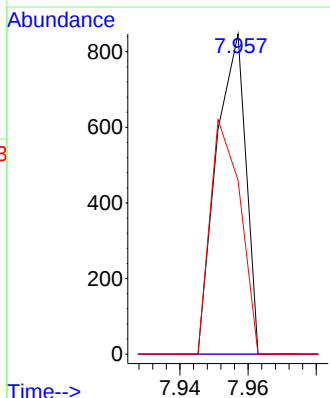
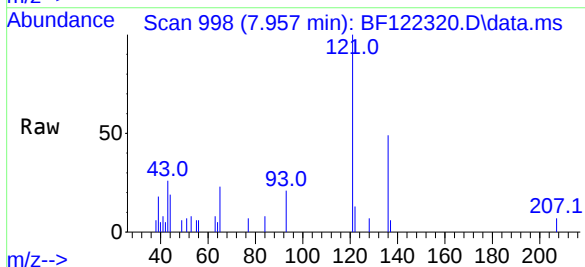
Instrument :
BNA_F
ClientSampleId :
R-LA-38-1-WC

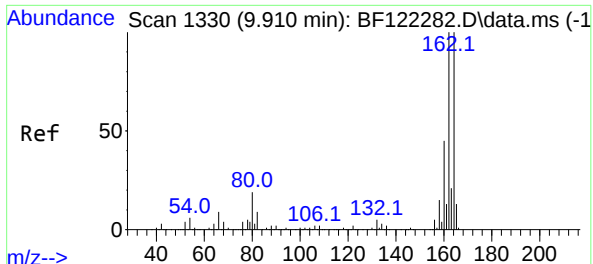
Tgt Ion: 82 Resp: 1452436
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 8.00 ng
RT: 7.957 min Scan# 998
Delta R.T. 0.047 min
Lab File: BF122320.D
Acq: 12 Nov 2020 17:38

Tgt Ion:122 Resp: 509
Ion Ratio Lower Upper
122 100
105 0.0 103.3 143.3#
77 54.3 73.9 113.9#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.904 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF122320.D

Acq: 12 Nov 2020 17:38

Tgt Ion:164 Resp: 575647

Ion Ratio Lower Upper

164 100

162 102.8 83.2 124.8

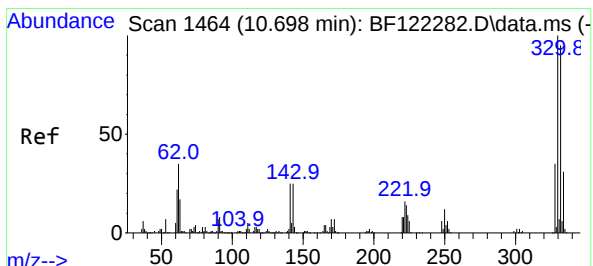
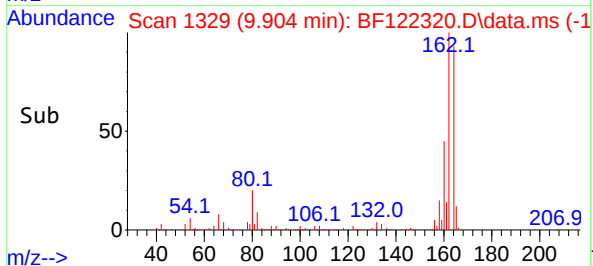
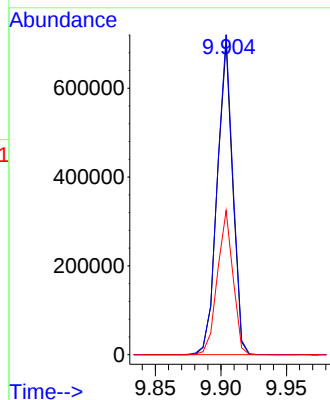
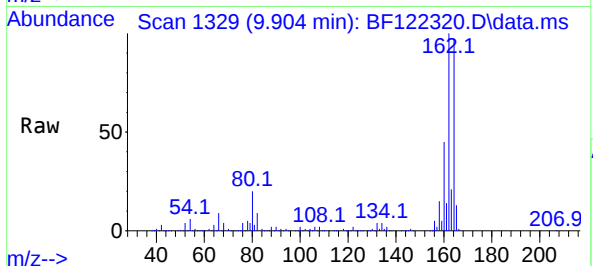
160 46.3 37.5 56.3

Instrument :

BNA_F

ClientSampleId :

R-LA-38-1-WC



#42

2,4,6-Tribromophenol

Concen: 110.40 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF122320.D

Acq: 12 Nov 2020 17:38

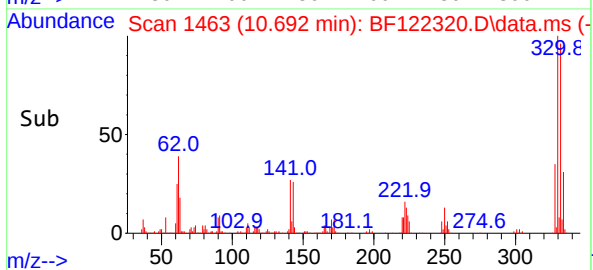
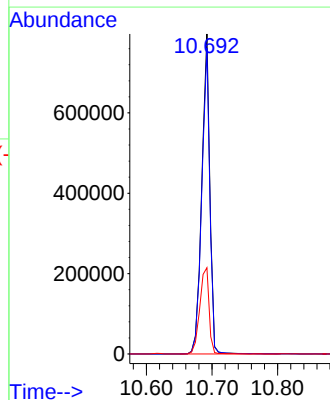
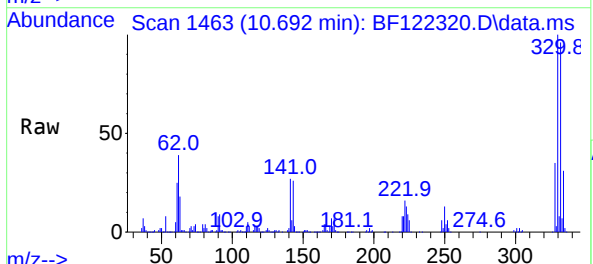
Tgt Ion:330 Resp: 682098

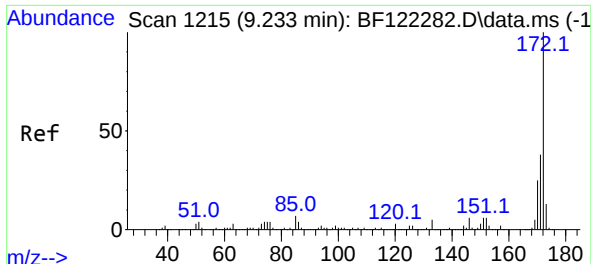
Ion Ratio Lower Upper

330 100

332 95.8 77.3 115.9

141 31.2 22.3 33.5

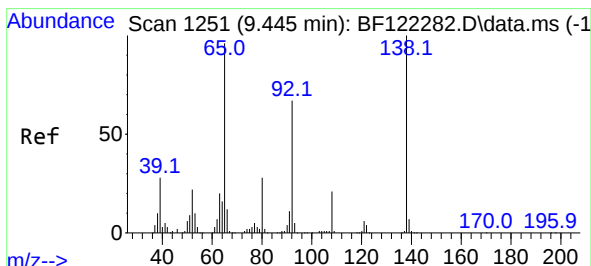
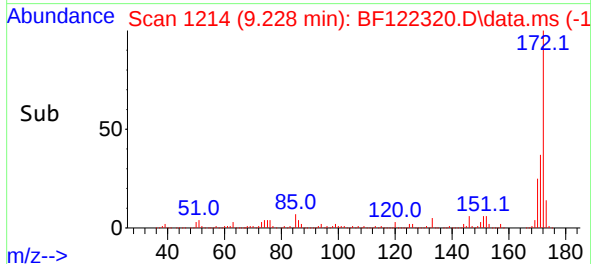
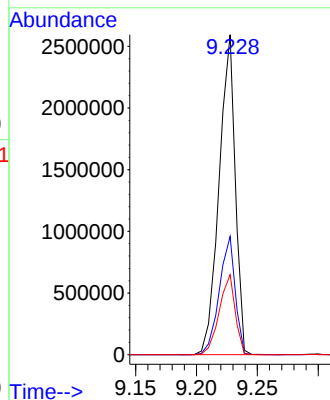
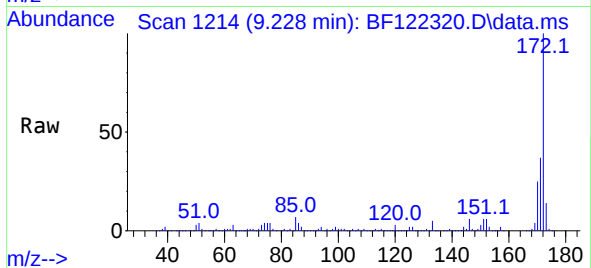




#45
2-Fluorobiphenyl
Concen: 65.24 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122320.D
Acq: 12 Nov 2020 17:38

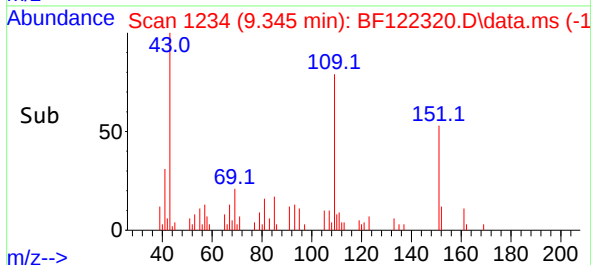
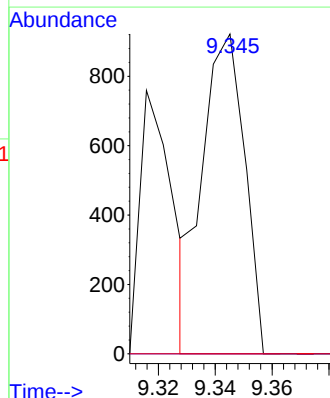
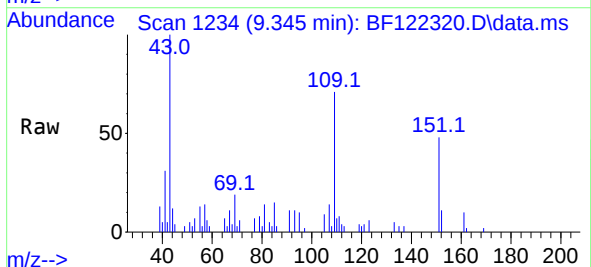
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R-LA-38-1-WC

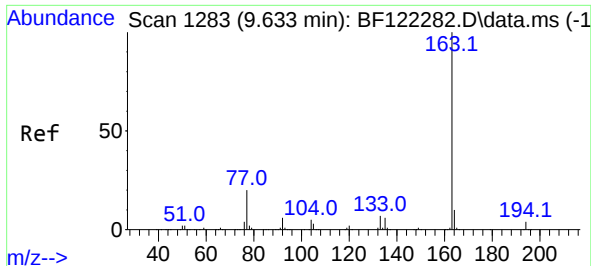
Tgt Ion:172 Resp: 2403473
Ion Ratio Lower Upper
172 100
171 36.9 29.1 43.7
170 25.0 19.8 29.6



#48
2-Nitroaniline
Concen: 5.25 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.100 min
Lab File: BF122320.D
Acq: 12 Nov 2020 17:38

Tgt Ion: 65 Resp: 937
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#

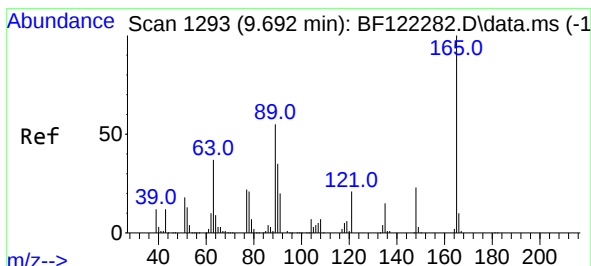
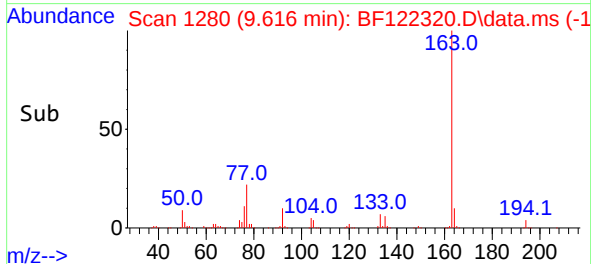
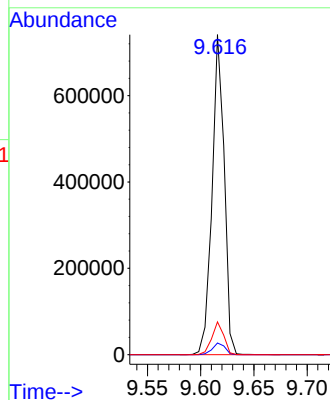
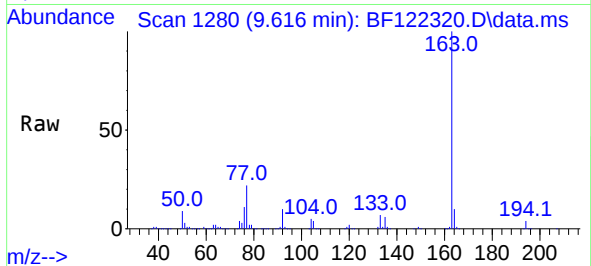




#50
Dimethylphthalate
Concen: 14.37 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.017 min
Lab File: BF122320.D
Acq: 12 Nov 2020 17:38

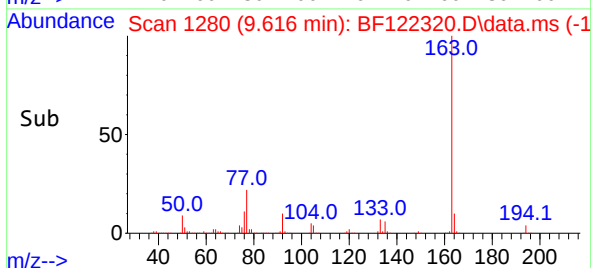
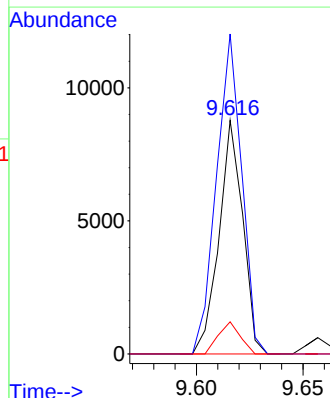
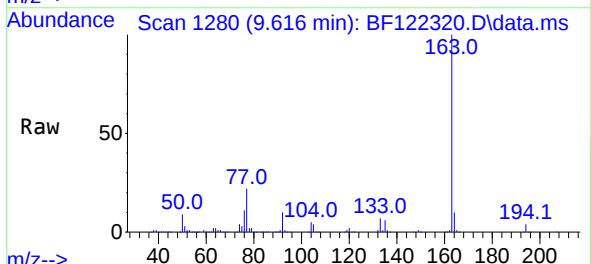
Instrument :
BNA_F
ClientSampleId :
R-LA-38-1-WC

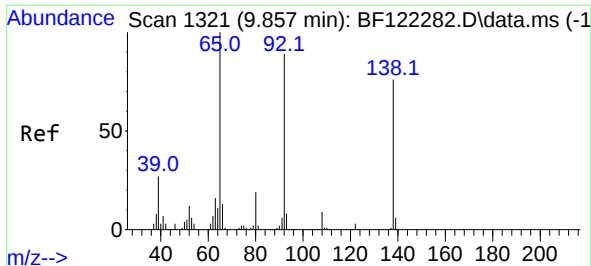
Tgt Ion:163 Resp: 588042
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 10.3 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 4.50 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.076 min
Lab File: BF122320.D
Acq: 12 Nov 2020 17:38

Tgt Ion:165 Resp: 6789
Ion Ratio Lower Upper
165 100
63 137.0 51.8 77.6#
89 13.7 49.0 73.6#

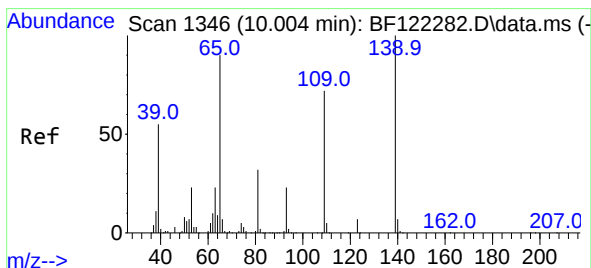
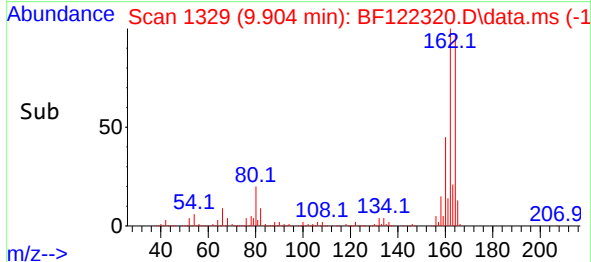
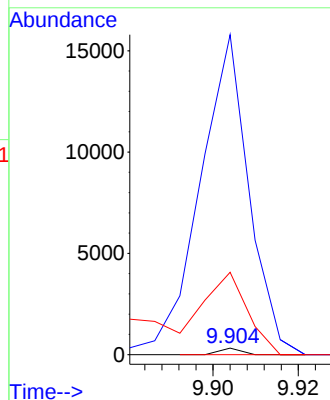
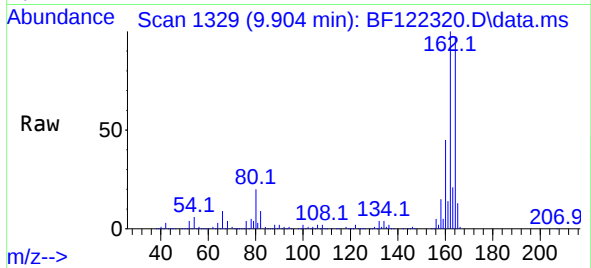




#53
3-Nitroaniline
Concen: 3.57 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.047 min
Lab File: BF122320.D
Acq: 12 Nov 2020 17:38

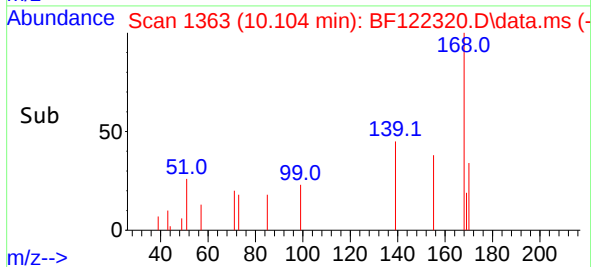
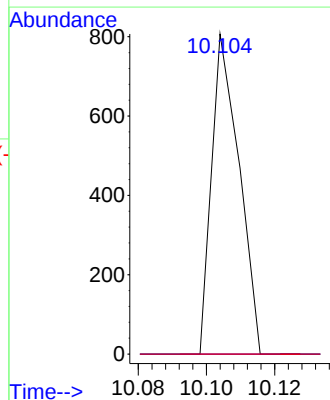
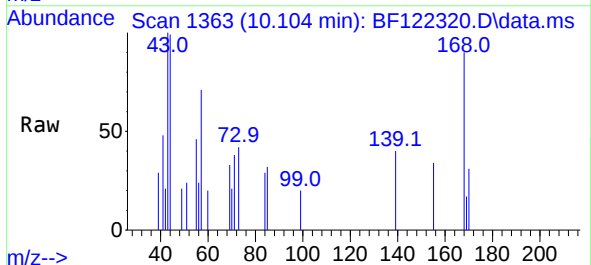
Instrument :
BNA_F
ClientSampleId :
R-LA-38-1-WC

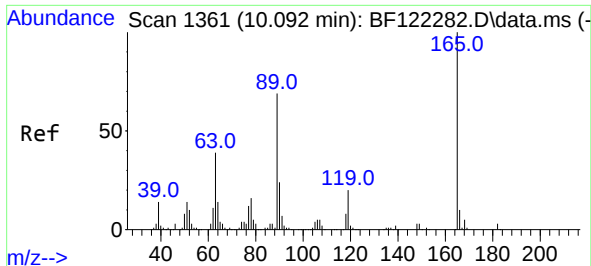
Tgt Ion:138 Resp: 113
Ion Ratio Lower Upper
138 100
108 4920.2 8.6 13.0#
92 1266.4 96.6 144.8#



#56
4-Nitrophenol
Concen: 5.45 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.100 min
Lab File: BF122320.D
Acq: 12 Nov 2020 17:38

Tgt Ion:139 Resp: 450
Ion Ratio Lower Upper
139 100
109 0.0 45.4 85.4#
65 0.0 68.4 108.4#

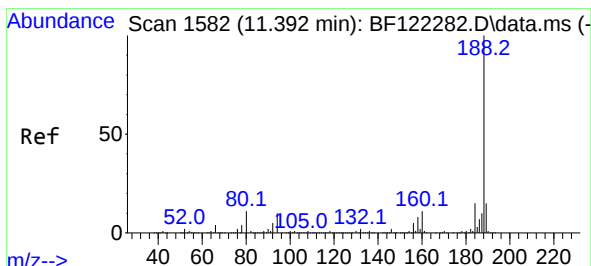
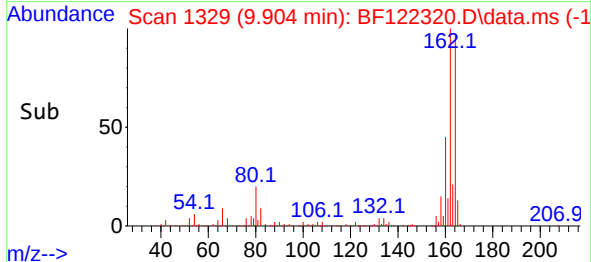
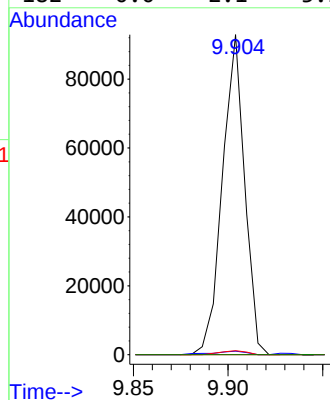
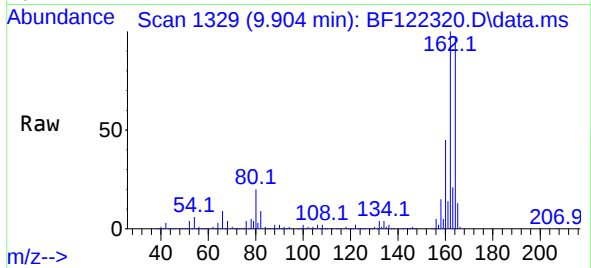




#57
2,4-Dinitrotoluene
Concen: 10.67 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF122320.D
Acq: 12 Nov 2020 17:38

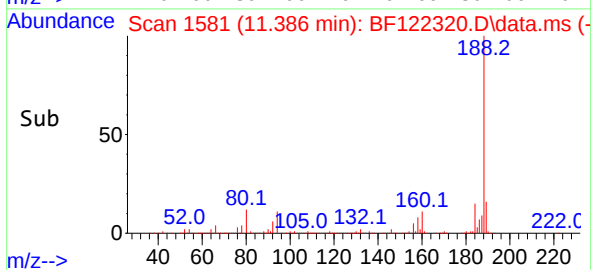
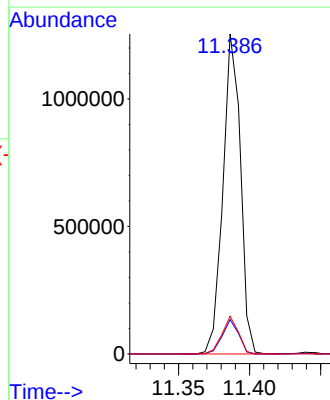
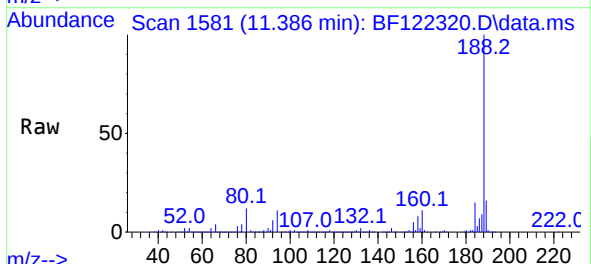
Instrument :
BNA_F
ClientSampleId :
R-LA-38-1-WC

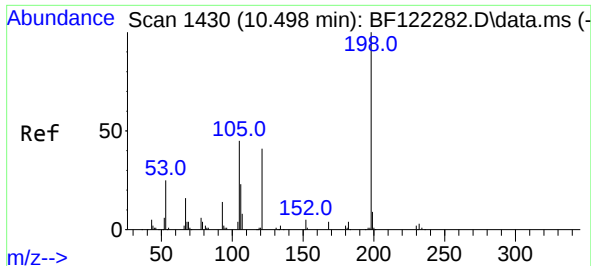
Tgt Ion:165	Resp:	75771
Ion Ratio	Lower	Upper
165	100	
63	1.1	41.3 61.9#
89	1.3	61.8 92.8#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122320.D
Acq: 12 Nov 2020 17:38

Tgt Ion:188	Resp:	1073118
Ion Ratio	Lower	Upper
188	100	
94	10.7	8.3 12.5
80	11.8	9.1 13.7

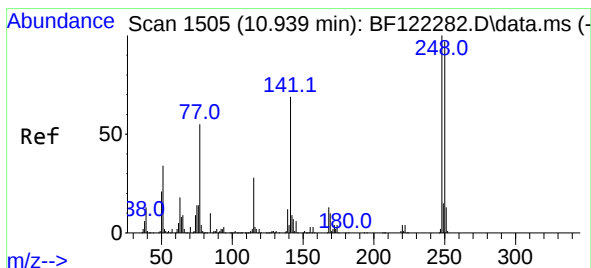
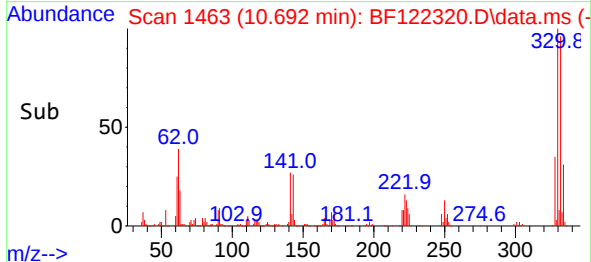
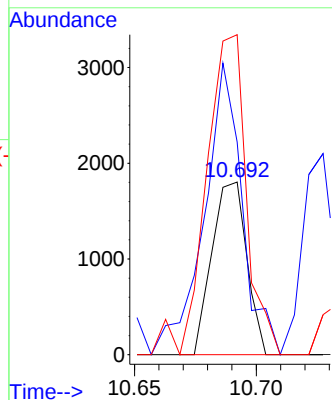
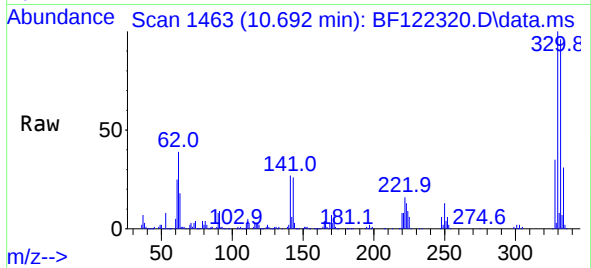




#65
4,6-Dinitro-2-methylphenol
Concen: 6.63 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.194 min
Lab File: BF122320.D
Acq: 12 Nov 2020 17:38

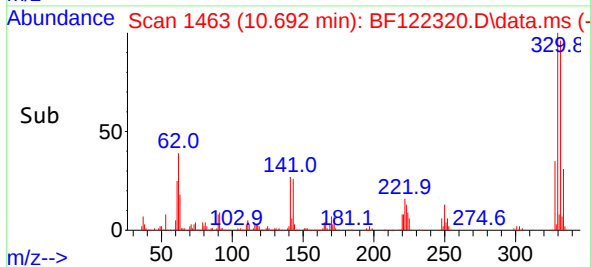
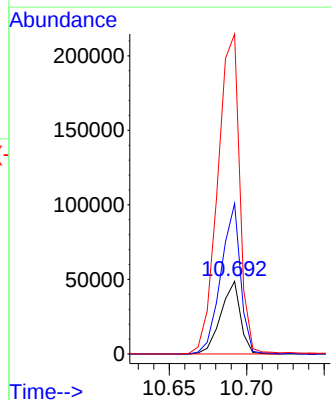
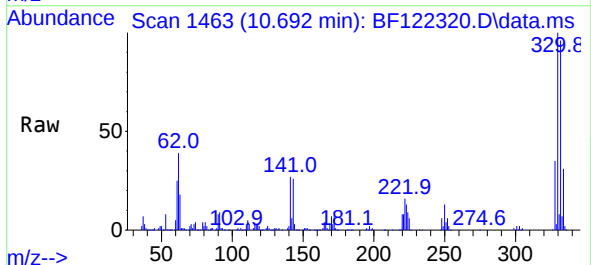
Instrument :
BNA_F
ClientSampleId :
R-LA-38-1-WC

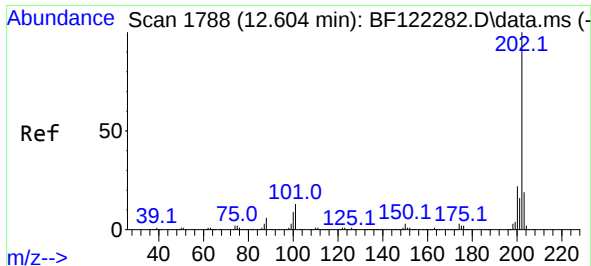
Tgt Ion:198 Resp: 1788
Ion Ratio Lower Upper
198 100
51 123.2 29.6 69.6#
105 185.3 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 3.40 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF122320.D
Acq: 12 Nov 2020 17:38

Tgt Ion:248 Resp: 42884
Ion Ratio Lower Upper
248 100
250 207.1 77.0 115.6#
141 440.4 53.7 80.5#

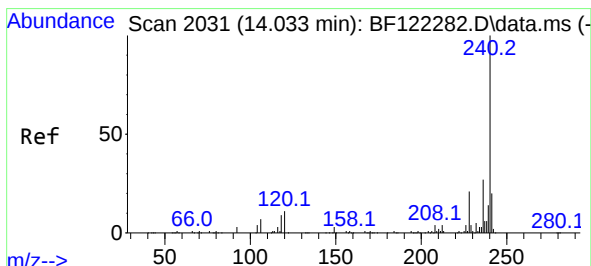
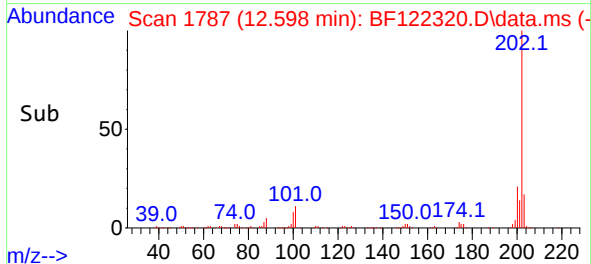
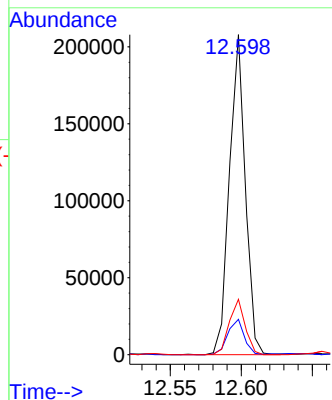
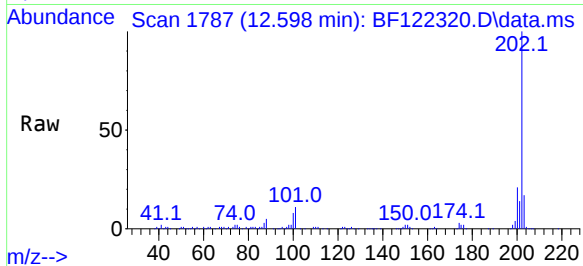




#75
Fluoranthene
Concen: 2.54 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF122320.D
Acq: 12 Nov 2020 17:38

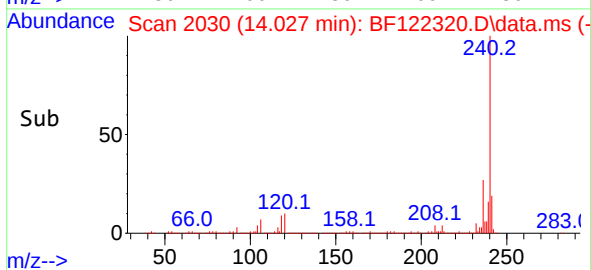
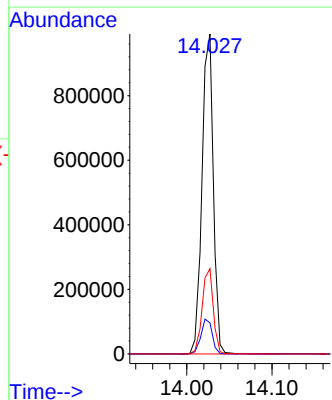
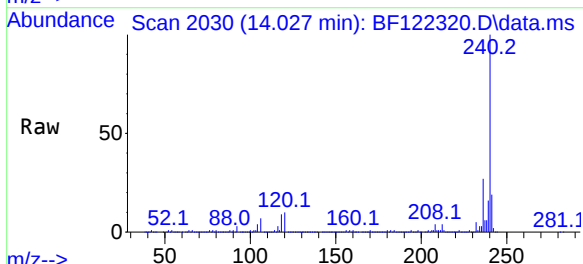
Instrument :
BNA_F
ClientSampleId :
R-LA-38-1-WC

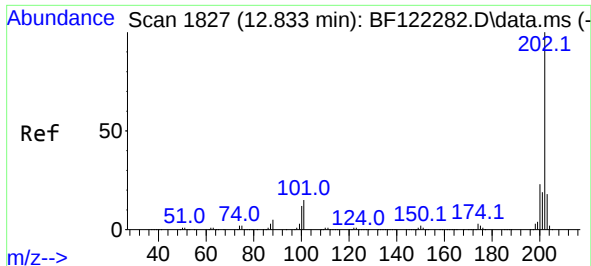
Tgt Ion:202 Resp: 161731
Ion Ratio Lower Upper
202 100
101 11.0 0.0 33.4
203 17.3 0.0 37.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122320.D
Acq: 12 Nov 2020 17:38

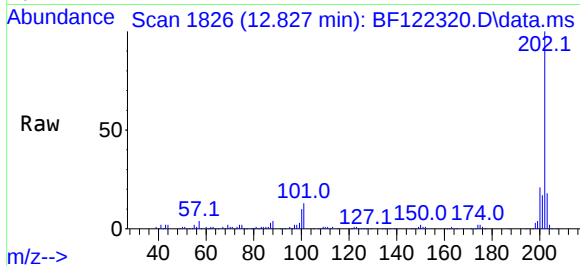
Tgt Ion:240 Resp: 916881
Ion Ratio Lower Upper
240 100
120 9.7 9.2 13.8
236 26.6 20.9 31.3



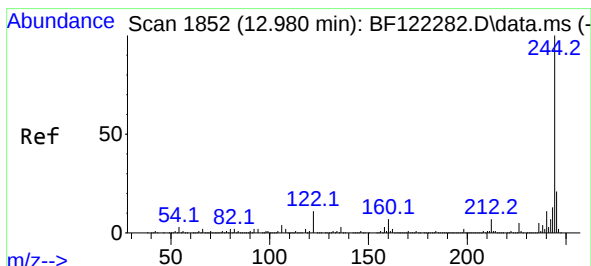
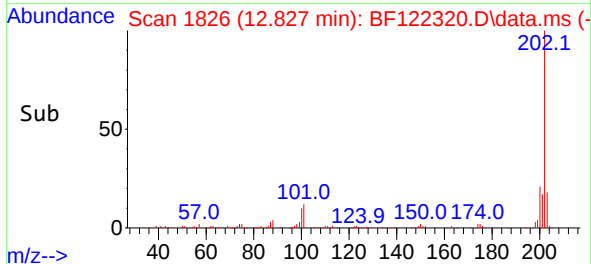
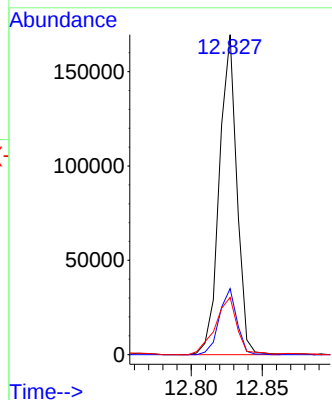


#78
Pyrene
Concen: 2.25 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF122320.D
Acq: 12 Nov 2020 17:38

Instrument :
BNA_F
ClientSampleId :
R-LA-38-1-WC

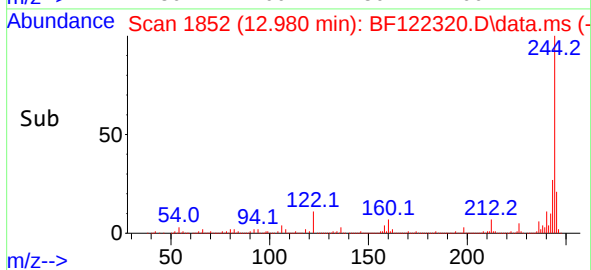
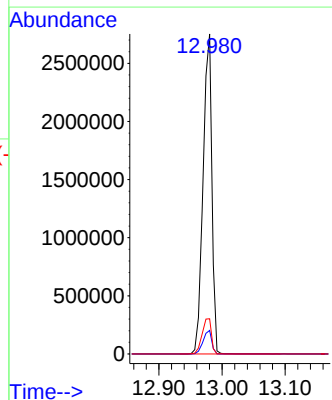
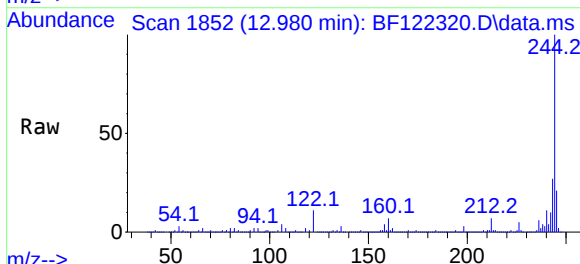


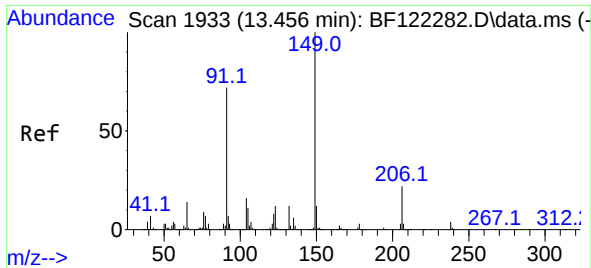
Tgt Ion:202 Resp: 145064
Ion Ratio Lower Upper
202 100
200 20.6 17.4 26.2
203 17.9 14.6 21.8



#79
Terphenyl-d14
Concen: 61.54 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF122320.D
Acq: 12 Nov 2020 17:38

Tgt Ion:244 Resp: 2663301
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.2
122 11.0 8.1 12.1

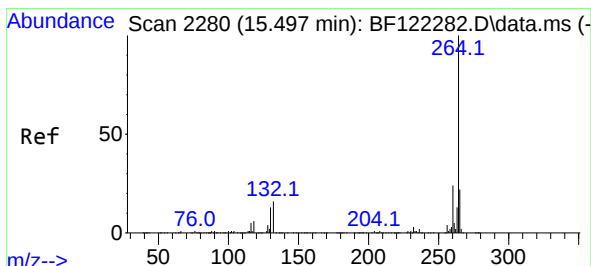
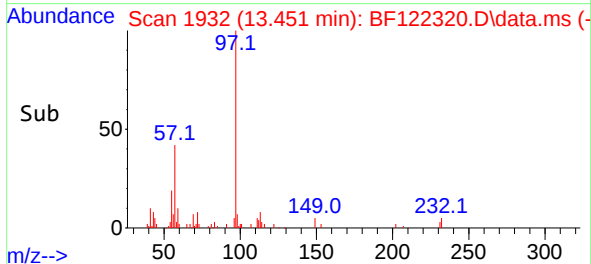
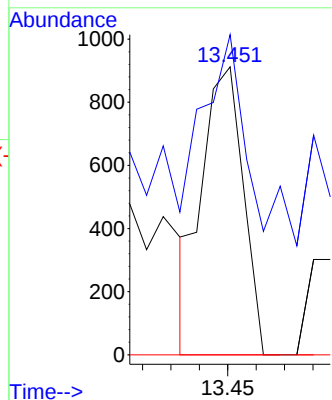
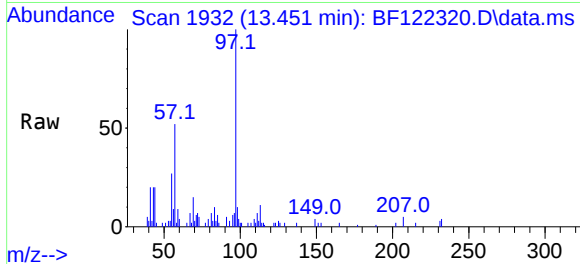




#80
Butylbenzylphthalate
Concen: 3.32 ng
RT: 13.451 min Scan# 1932
Delta R.T. -0.005 min
Lab File: BF122320.D
Acq: 12 Nov 2020 17:38

Instrument :
BNA_F
ClientSampleId :
R-LA-38-1-WC

Tgt Ion:	149	Resp:	912
Ion	Ratio	Lower	Upper
149	100		
91	111.2	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. -0.006 min
Lab File: BF122320.D
Acq: 12 Nov 2020 17:38

Tgt Ion:	264	Resp:	750957
Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.7	28.1
265	22.5	17.3	25.9

