

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111220\
 Data File : BF122318.D
 Acq On : 12 Nov 2020 16:35
 Operator : JU/CG
 Sample : L4717-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-LA-35-3-WC

Quant Time: Nov 12 17:50:42 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)

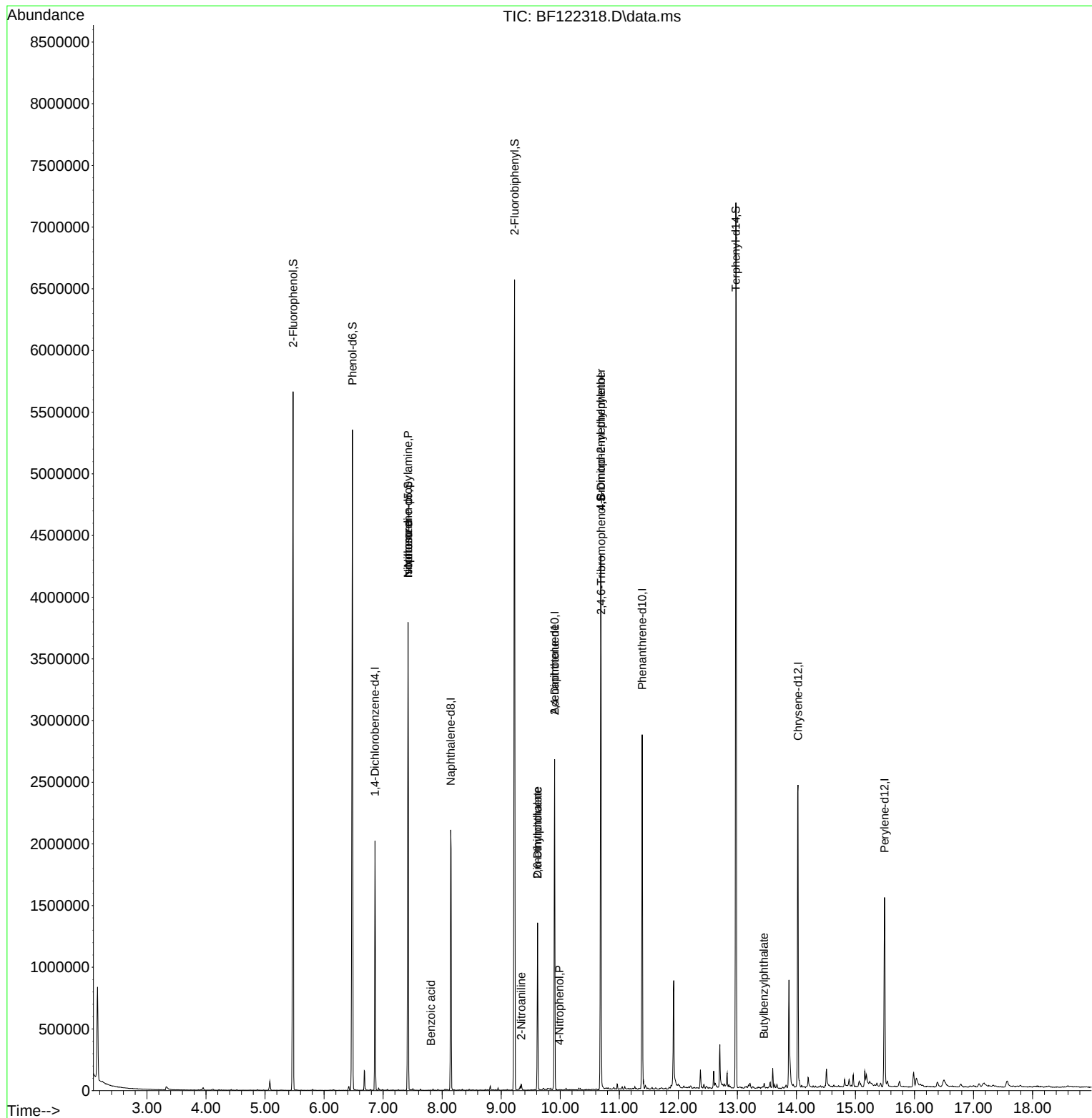
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	254885	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	977427	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	501979	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	929985	20.00	ng	0.00
76) Chrysene-d12	14.027	240	847979	20.00	ng	0.00
86) Perylene-d12	15.492	264	702329	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1533022	92.35	ng	0.00
7) Phenol-d6	6.481	99	1941559	89.41	ng	-0.01
23) Nitrobenzene-d5	7.422	82	1209699	75.77	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	535578	99.41	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	2088910	65.02	ng	0.00
79) Terphenyl-d14	12.974	244	2325965	58.11	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.410	77	295	Below Cal		93
19) n-Nitroso-di-n-propyla...	7.422	70	164937	12.71 ng	#	77
25) Isophorone	7.422	82	1207690	33.93 ng	#	67
32) Benzoic acid	7.810	122	662	8.02 ng	#	64
48) 2-Nitroaniline	9.339	65	698	5.23 ng	#	6
50) Dimethylphthalate	9.616	163	474563	13.30 ng		100
51) 2,6-Dinitrotoluene	9.616	165	5175	4.41 ng	#	14
56) 4-Nitrophenol	9.986	139	185	5.43 ng	#	10
57) 2,4-Dinitrotoluene	9.904	165	66680	10.73 ng	#	20
65) 4,6-Dinitro-2-methylph...	10.686	198	1321	6.56 ng	#	1
67) 4-Bromophenyl-phenylether	10.686	248	34723	3.18 ng	#	1
80) Butylbenzylphthalate	13.451	149	614	3.31 ng	#	78

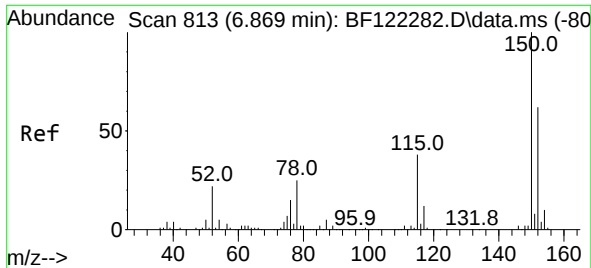
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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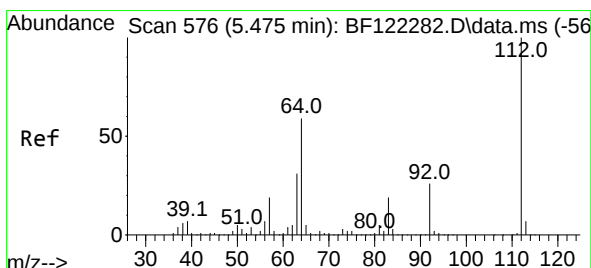
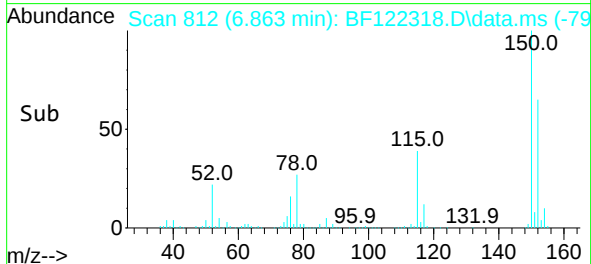
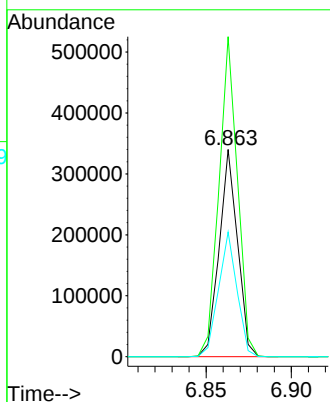
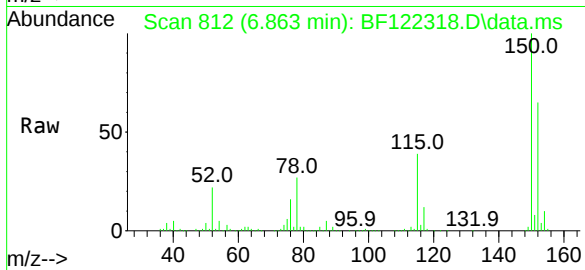




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122318.D
Acq: 12 Nov 2020 16:35

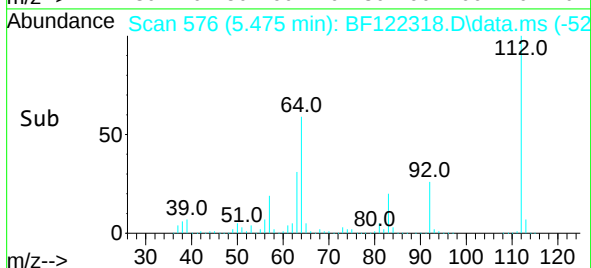
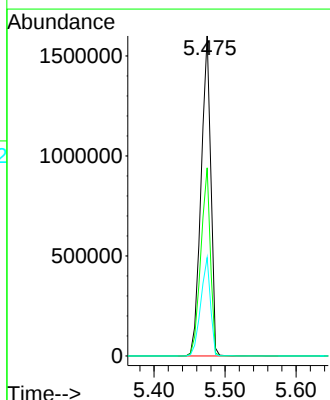
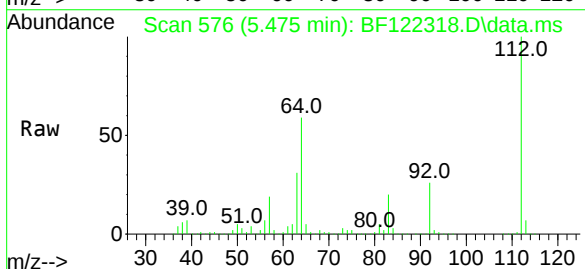
Instrument :
BNA_F
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R-LA-35-3-WC

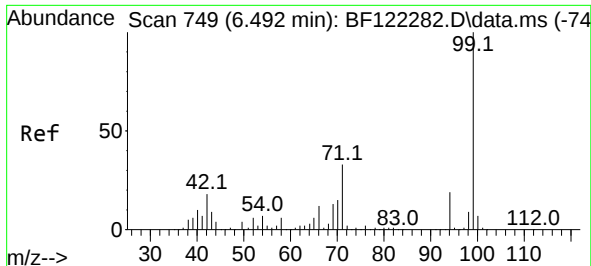
Tgt Ion:152 Resp: 254885
Ion Ratio Lower Upper
152 100
150 154.4 125.3 187.9
115 60.1 51.9 77.9



#5
2-Fluorophenol
Concen: 92.35 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF122318.D
Acq: 12 Nov 2020 16:35

Tgt Ion:112 Resp: 1533022
Ion Ratio Lower Upper
112 100
64 58.8 50.4 75.6
63 30.8 25.8 38.6

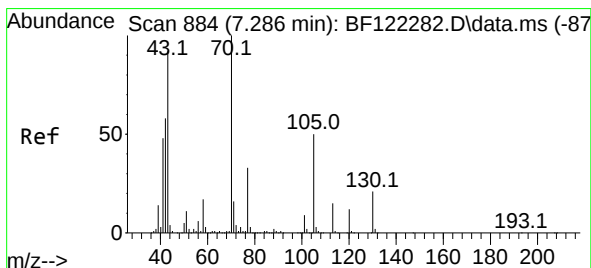
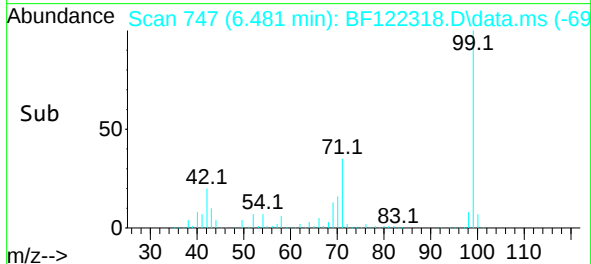
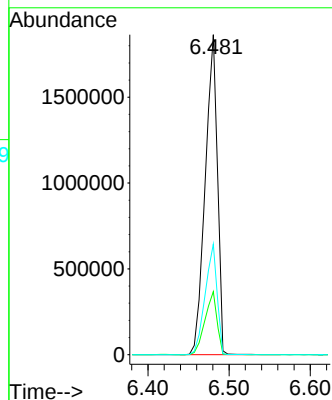
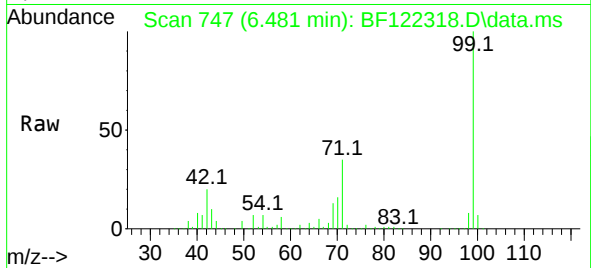




#7
Phenol-d6
Concen: 89.41 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF122318.D
Acq: 12 Nov 2020 16:35

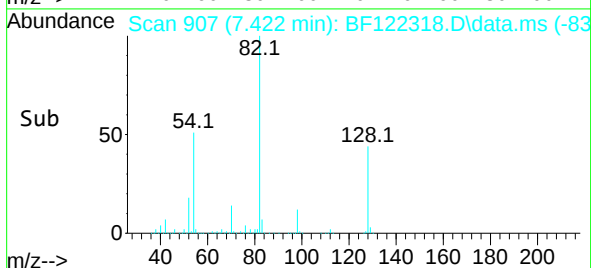
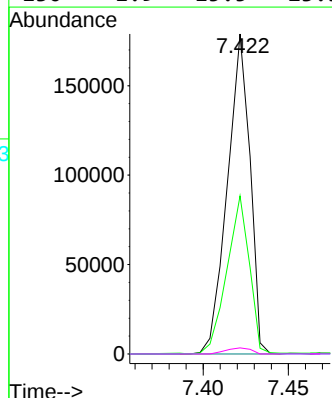
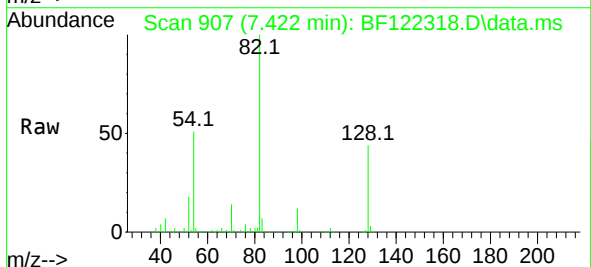
Instrument :
BNA_F
ClientSampleId :
R-LA-35-3-WC

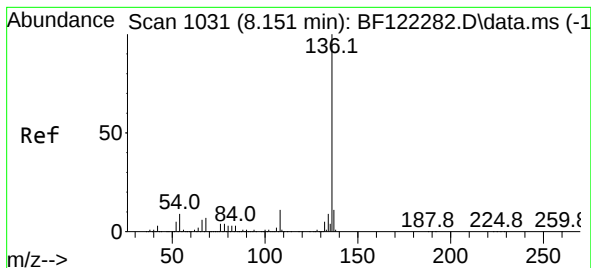
Tgt Ion: 99 Resp: 1941559
Ion Ratio Lower Upper
99 100
42 19.7 15.9 23.9
71 34.5 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 12.71 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.135 min
Lab File: BF122318.D
Acq: 12 Nov 2020 16:35

Tgt Ion: 70 Resp: 164937
Ion Ratio Lower Upper
70 100
42 49.4 50.2 75.4#
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



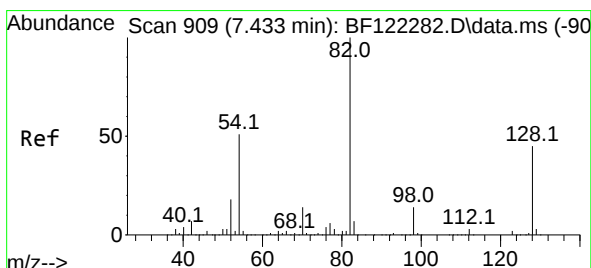
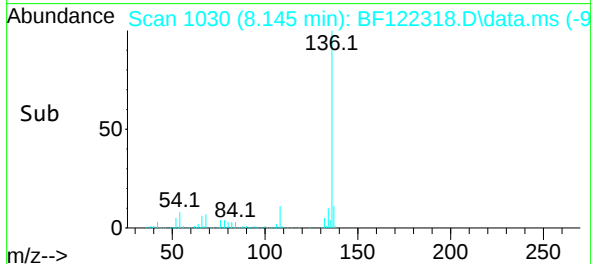
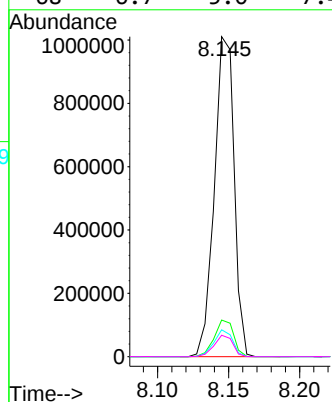
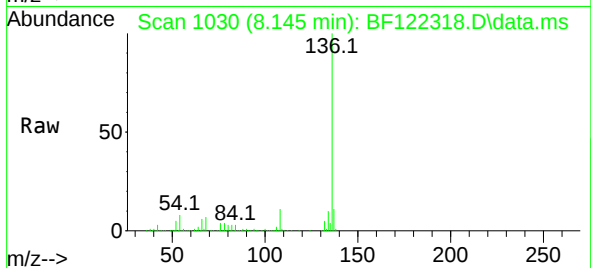


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF122318.D
Acq: 12 Nov 2020 16:35

Instrument :
BNA_F
ClientSampleId :
R-LA-35-3-WC

Tgt Ion:136 Resp: 977427

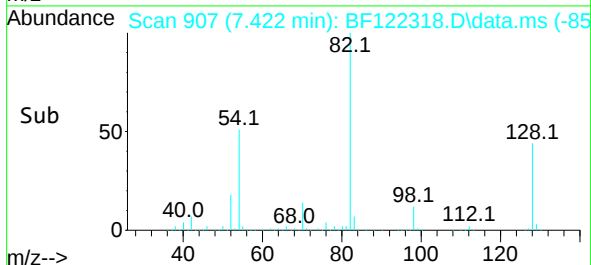
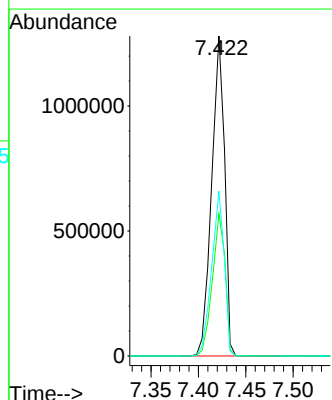
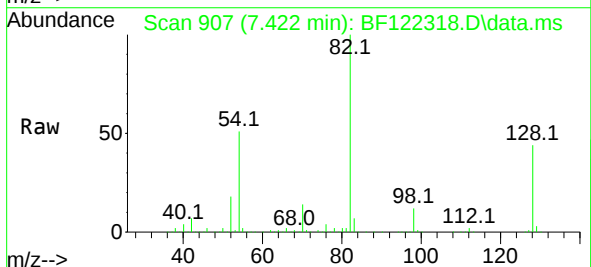
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	8.4	7.1	10.7
68	6.7	5.0	7.4

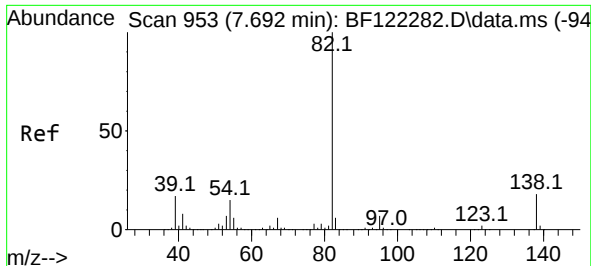


#23
Nitrobenzene-d5
Concen: 75.77 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF122318.D
Acq: 12 Nov 2020 16:35

Tgt Ion: 82 Resp: 1209699

Ion	Ratio	Lower	Upper
82	100		
128	44.4	35.0	52.4
54	51.5	43.9	65.9

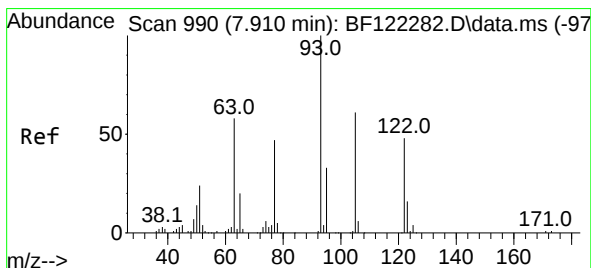
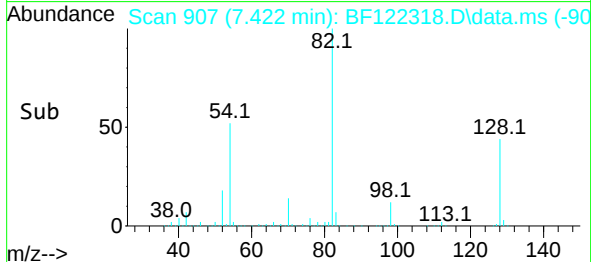
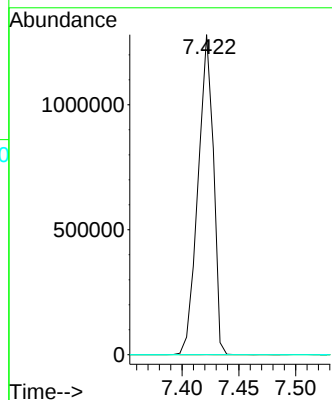
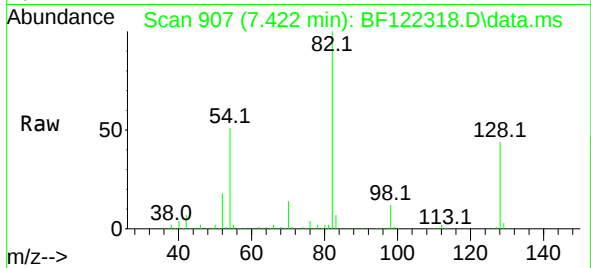




#25
Isophorone
Concen: 33.93 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.270 min
Lab File: BF122318.D
Acq: 12 Nov 2020 16:35

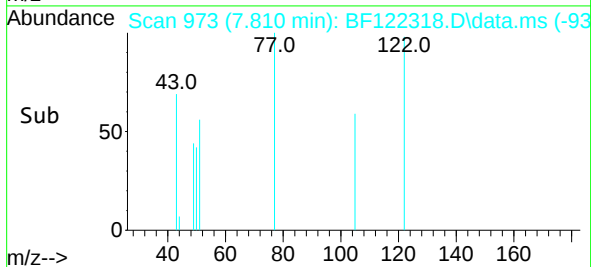
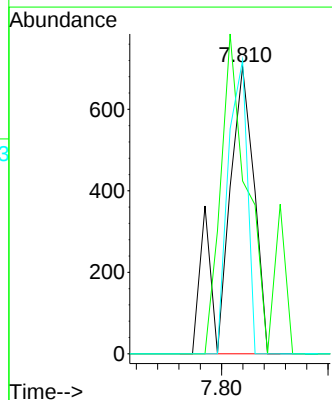
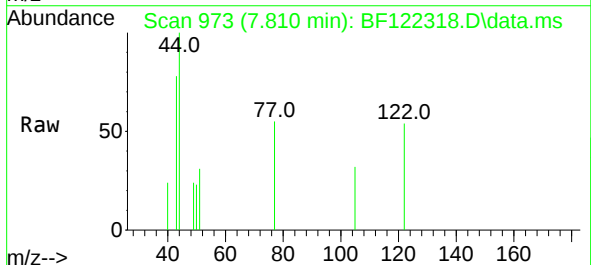
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ClientSampleId :
R-LA-35-3-WC

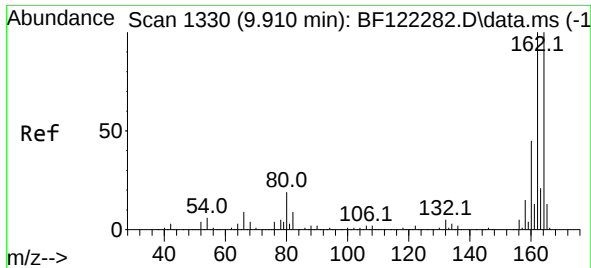
Tgt Ion: 82 Resp: 1207690
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 8.02 ng
RT: 7.810 min Scan# 973
Delta R.T. -0.100 min
Lab File: BF122318.D
Acq: 12 Nov 2020 16:35

Tgt Ion:122 Resp: 662
Ion Ratio Lower Upper
122 100
105 60.2 103.3 143.3#
77 102.4 73.9 113.9



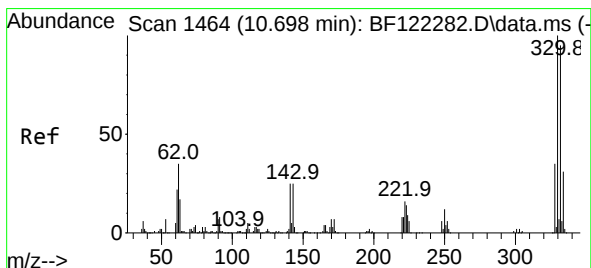
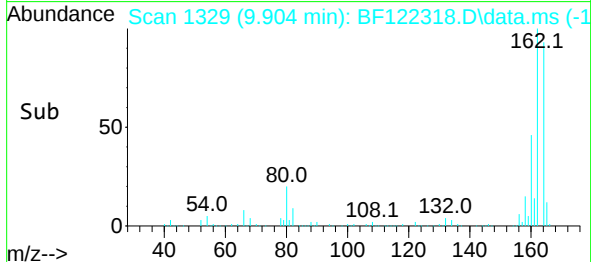
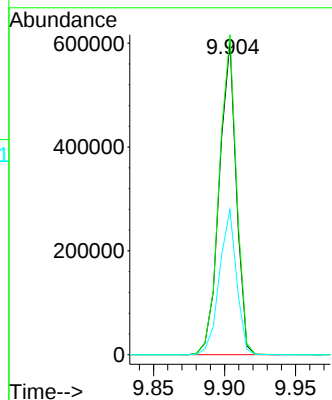
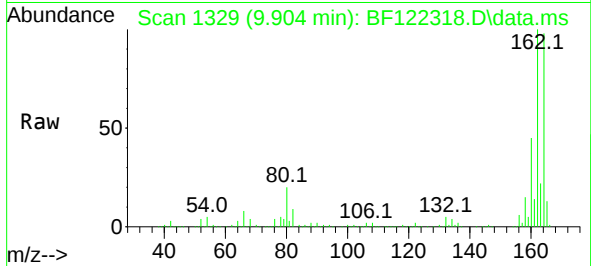


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF122318.D
Acq: 12 Nov 2020 16:35

Instrument :
BNA_F
ClientSampleId :
R-LA-35-3-WC

Tgt Ion:164 Resp: 501979

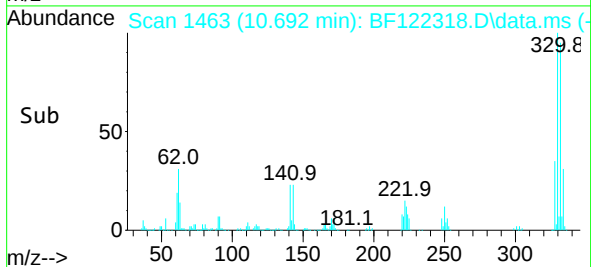
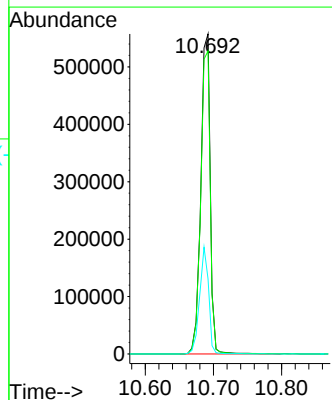
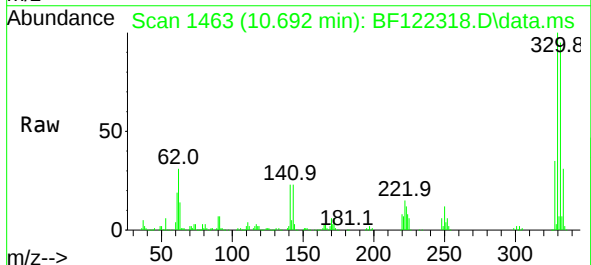
Ion	Ratio	Lower	Upper
164	100		
162	102.3	83.2	124.8
160	46.4	37.5	56.3

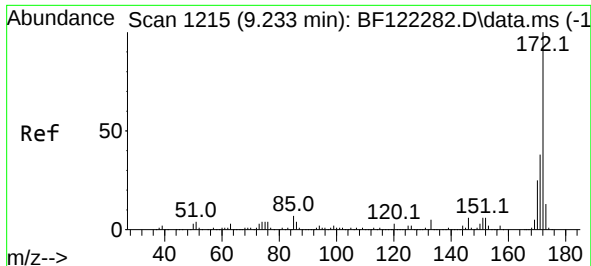


#42
2,4,6-Tribromophenol
Concen: 99.41 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF122318.D
Acq: 12 Nov 2020 16:35

Tgt Ion:330 Resp: 535578

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.3	115.9
141	32.0	22.3	33.5

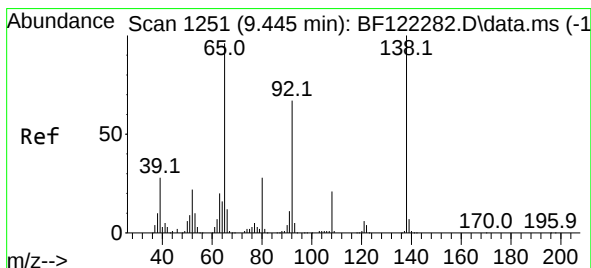
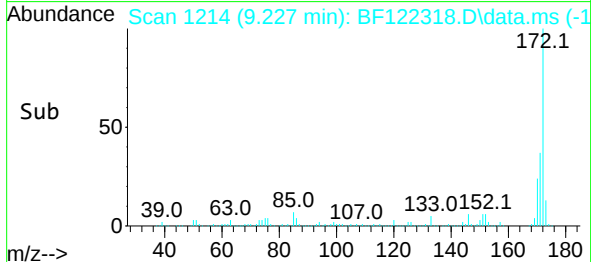
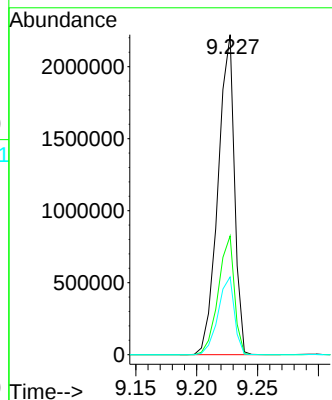
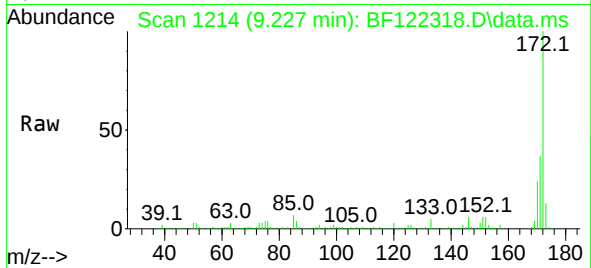




#45
2-Fluorobiphenyl
Concen: 65.02 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122318.D
Acq: 12 Nov 2020 16:35

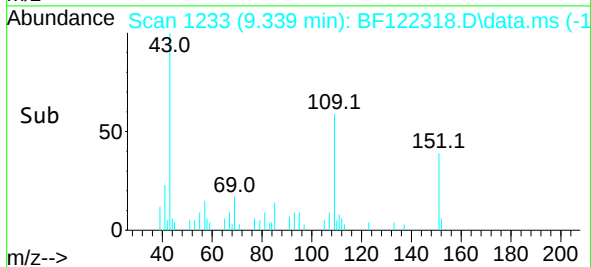
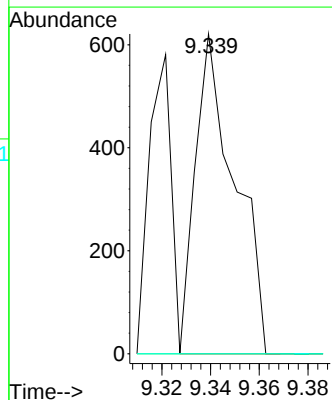
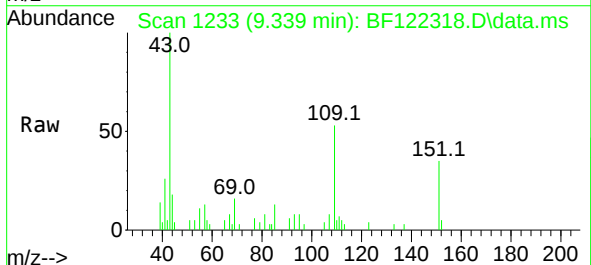
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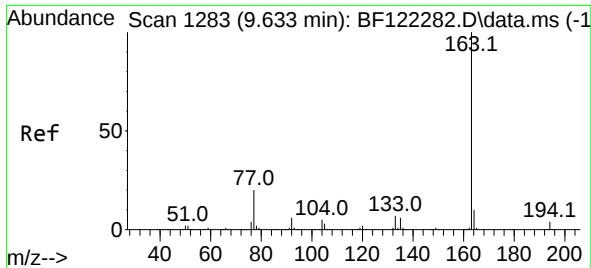
Tgt Ion:172 Resp: 2088910
Ion Ratio Lower Upper
172 100
171 37.1 29.1 43.7
170 24.3 19.8 29.6



#48
2-Nitroaniline
Concen: 5.23 ng
RT: 9.339 min Scan# 1233
Delta R.T. -0.106 min
Lab File: BF122318.D
Acq: 12 Nov 2020 16:35

Tgt Ion: 65 Resp: 698
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#

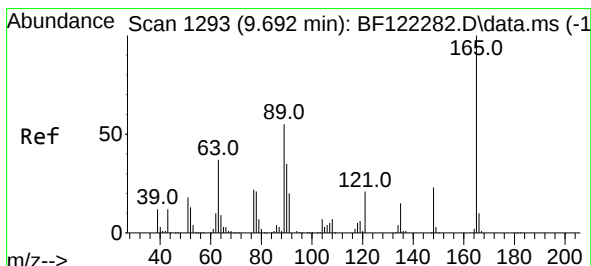
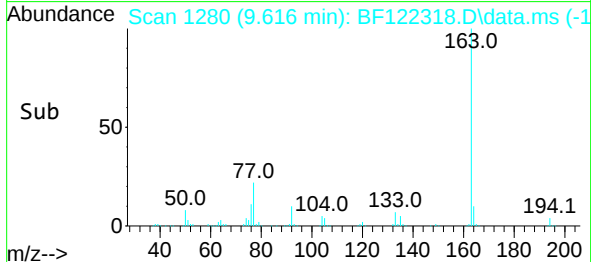
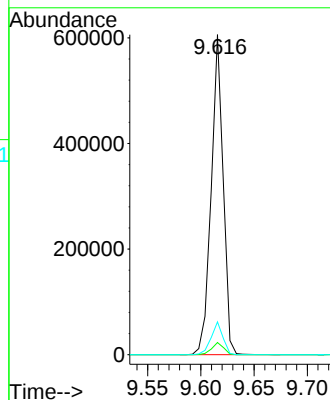
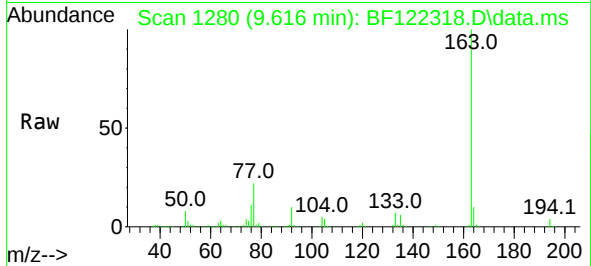




#50
Dimethylphthalate
Concen: 13.30 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.018 min
Lab File: BF122318.D
Acq: 12 Nov 2020 16:35

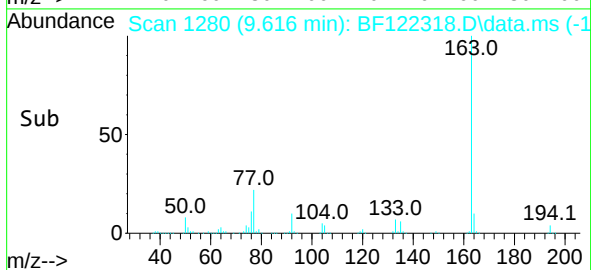
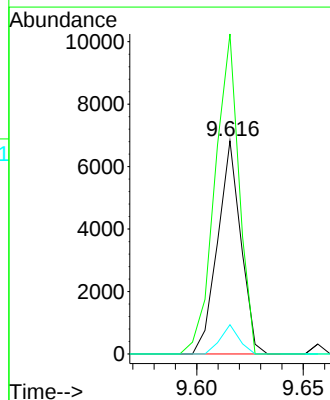
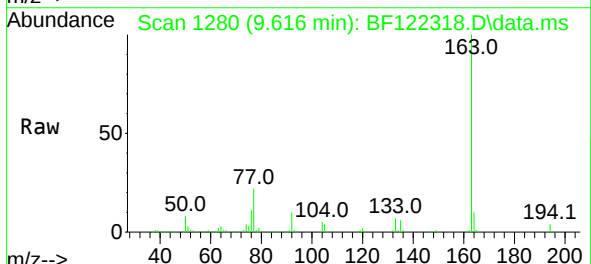
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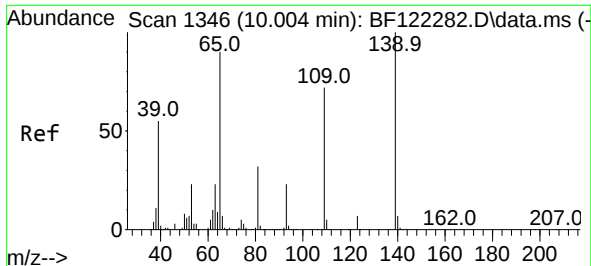
Tgt Ion:163 Resp: 474563
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.2 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 4.41 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.076 min
Lab File: BF122318.D
Acq: 12 Nov 2020 16:35

Tgt Ion:165 Resp: 5175
Ion Ratio Lower Upper
165 100
63 150.1 51.8 77.6#
89 13.7 49.0 73.6#

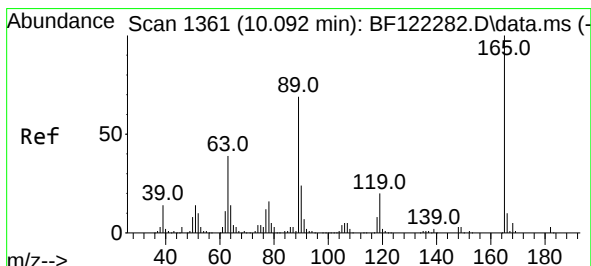
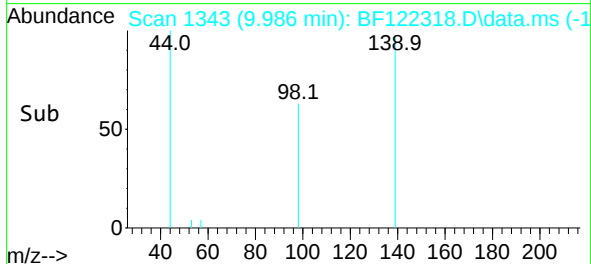
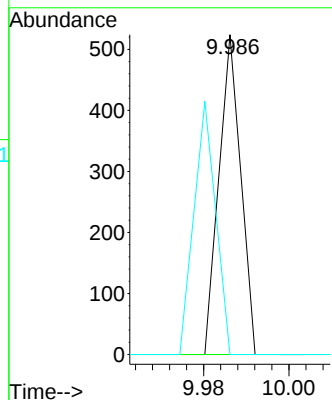
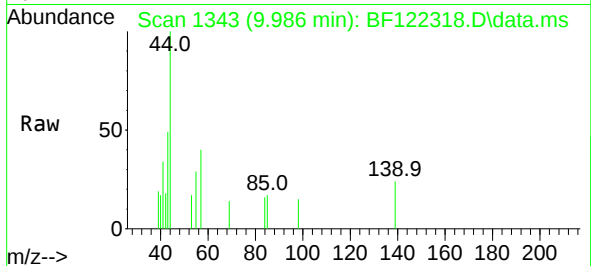




#56
4-Nitrophenol
Concen: 5.43 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.018 min
Lab File: BF122318.D
Acq: 12 Nov 2020 16:35

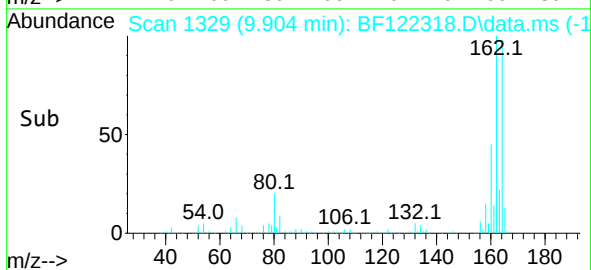
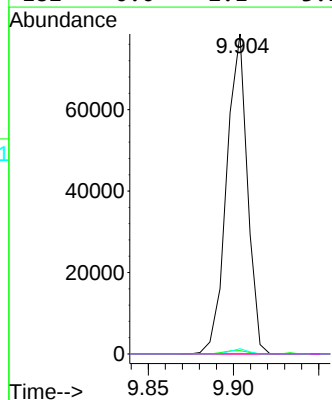
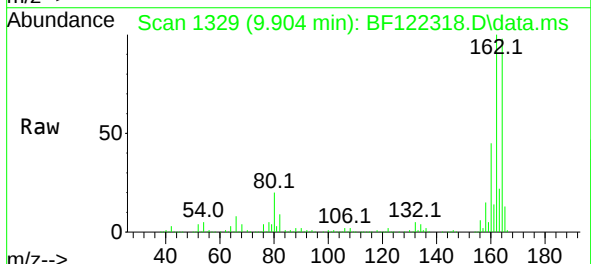
Instrument :
BNA_F
ClientSampleId :
R-LA-35-3-WC

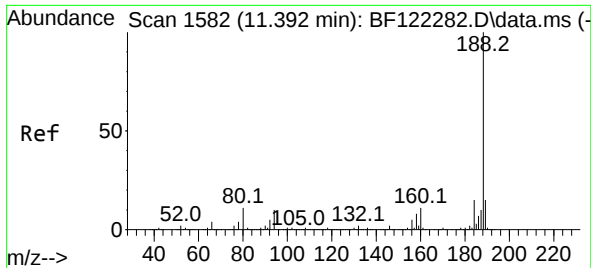
Tgt Ion:139 Resp: 185
Ion Ratio Lower Upper
139 100
109 0.0 45.4 85.4#
65 0.0 68.4 108.4#



#57
2,4-Dinitrotoluene
Concen: 10.73 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF122318.D
Acq: 12 Nov 2020 16:35

Tgt Ion:165 Resp: 66680
Ion Ratio Lower Upper
165 100
63 1.1 41.3 61.9#
89 1.7 61.8 92.8#
182 0.0 2.1 3.1#

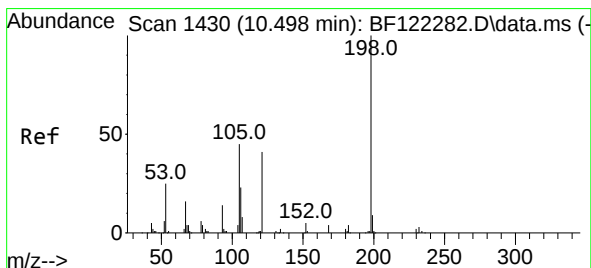
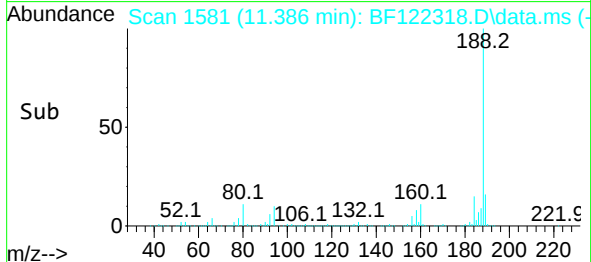
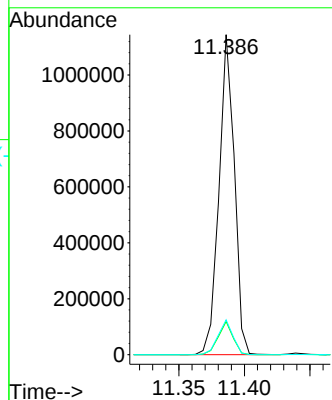
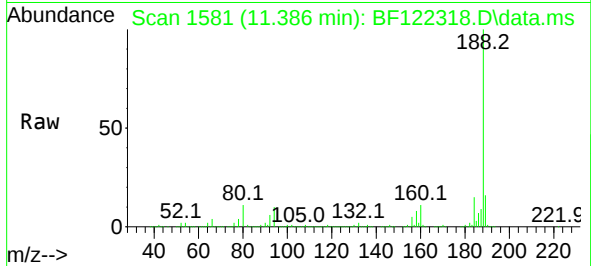




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122318.D
Acq: 12 Nov 2020 16:35

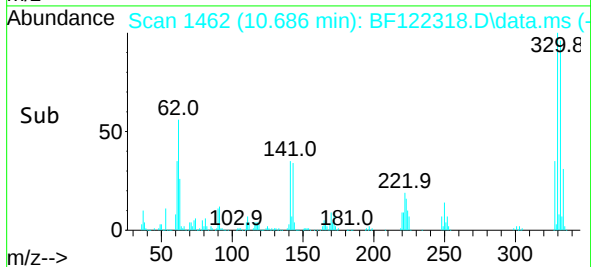
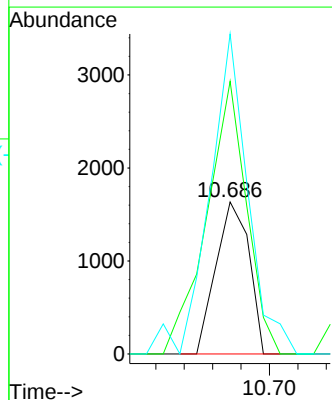
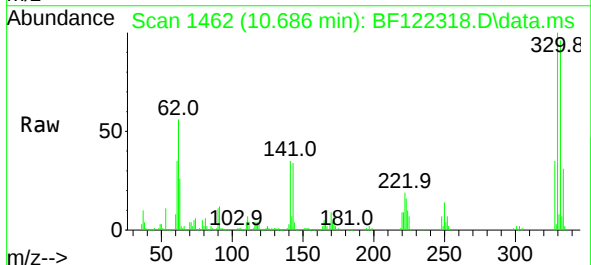
Instrument :
BNA_F
ClientSampleId :
R-LA-35-3-WC

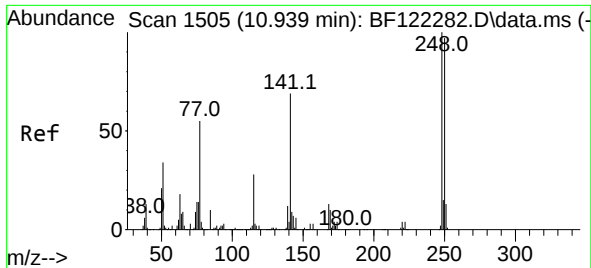
Tgt Ion:188 Resp: 929985
Ion Ratio Lower Upper
188 100
94 10.4 8.3 12.5
80 10.9 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 6.56 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.188 min
Lab File: BF122318.D
Acq: 12 Nov 2020 16:35

Tgt Ion:198 Resp: 1321
Ion Ratio Lower Upper
198 100
51 179.3 29.6 69.6#
105 210.5 24.4 64.4#

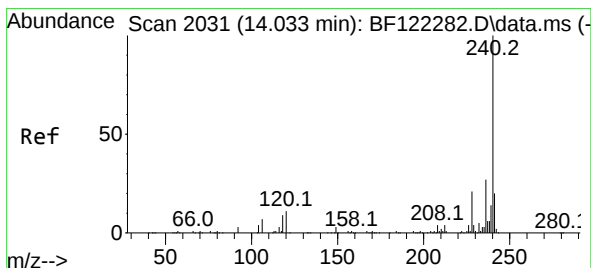
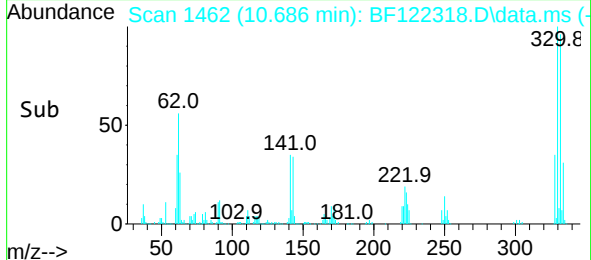
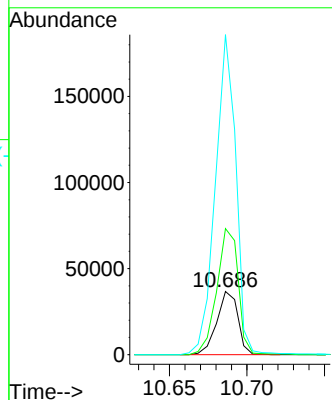
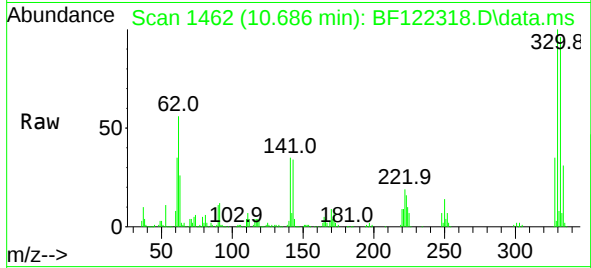




#67
4-Bromophenyl-phenylether
Concen: 3.18 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.253 min
Lab File: BF122318.D
Acq: 12 Nov 2020 16:35

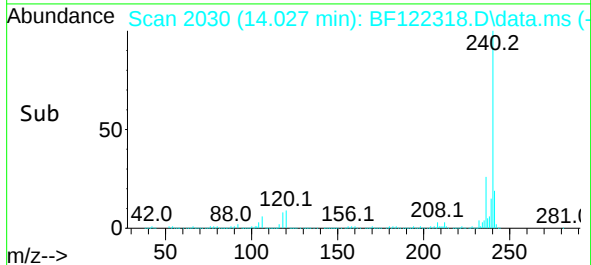
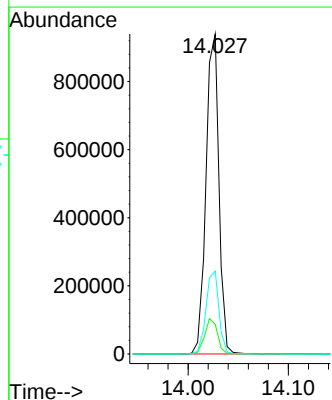
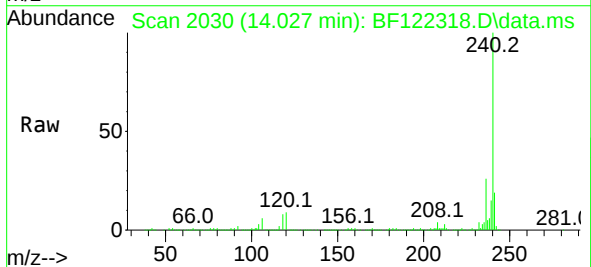
Instrument :
BNA_F
ClientSampleId :
R-LA-35-3-WC

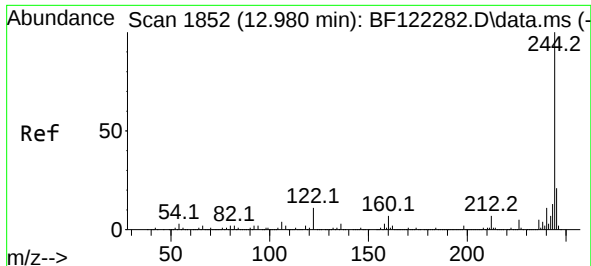
Tgt Ion:248 Resp: 34723
Ion Ratio Lower Upper
248 100
250 199.7 77.0 115.6#
141 506.7 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122318.D
Acq: 12 Nov 2020 16:35

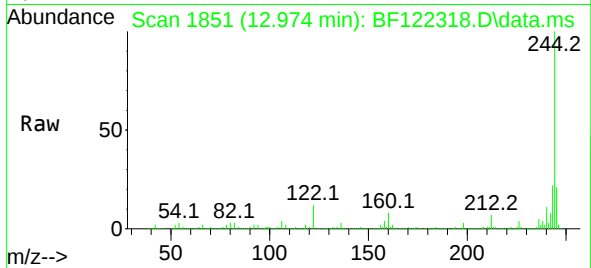
Tgt Ion:240 Resp: 847979
Ion Ratio Lower Upper
240 100
120 9.3 9.2 13.8
236 25.9 20.9 31.3



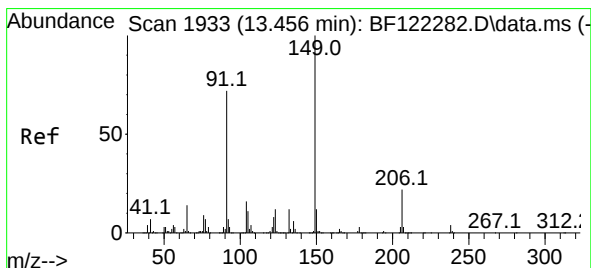
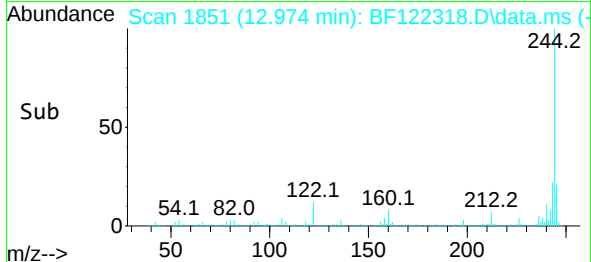
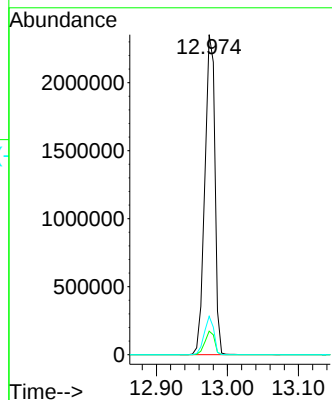


#79
 Terphenyl-d14
 Concen: 58.11 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF122318.D
 Acq: 12 Nov 2020 16:35

Instrument :
 BNA_F
 ClientSampleId :
 R-LA-35-3-WC

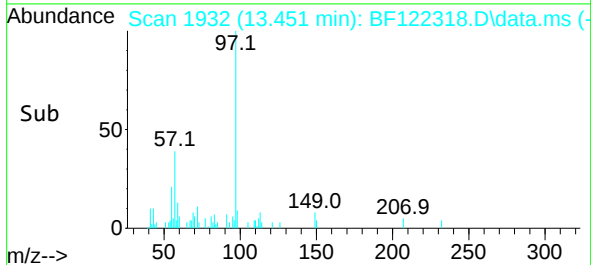
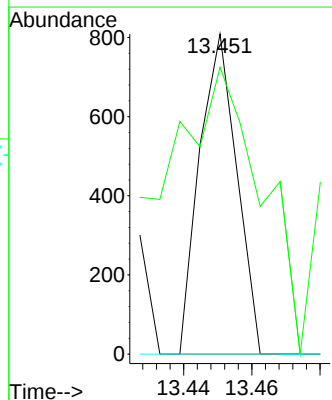
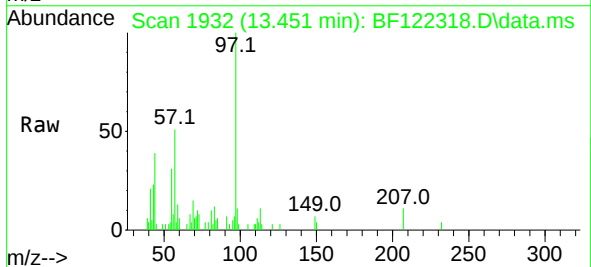


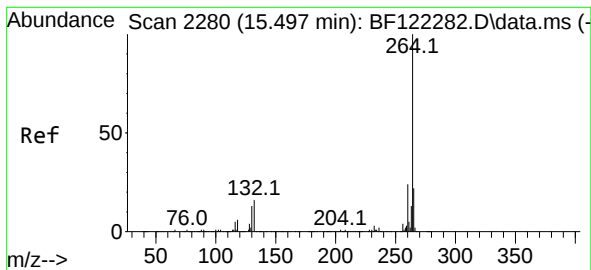
Tgt Ion:244 Resp: 2325965
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 12.0 8.1 12.1



#80
 Butylbenzylphthalate
 Concen: 3.31 ng
 RT: 13.451 min Scan# 1932
 Delta R.T. -0.005 min
 Lab File: BF122318.D
 Acq: 12 Nov 2020 16:35

Tgt Ion:149 Resp: 614
 Ion Ratio Lower Upper
 149 100
 91 89.6 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: BF122318.D
 Acq: 12 Nov 2020 16:35

Instrument :
 BNA_F
 ClientSampleId :
 R-LA-35-3-WC

Tgt Ion:264 Resp: 702329
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.7 28.1
 265 21.7 17.3 25.9

