

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111220\
 Data File : BF122319.D
 Acq On : 12 Nov 2020 17:06
 Operator : JU/CG
 Sample : L4715-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-6(10-20)

Quant Time: Nov 12 17:51:02 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)

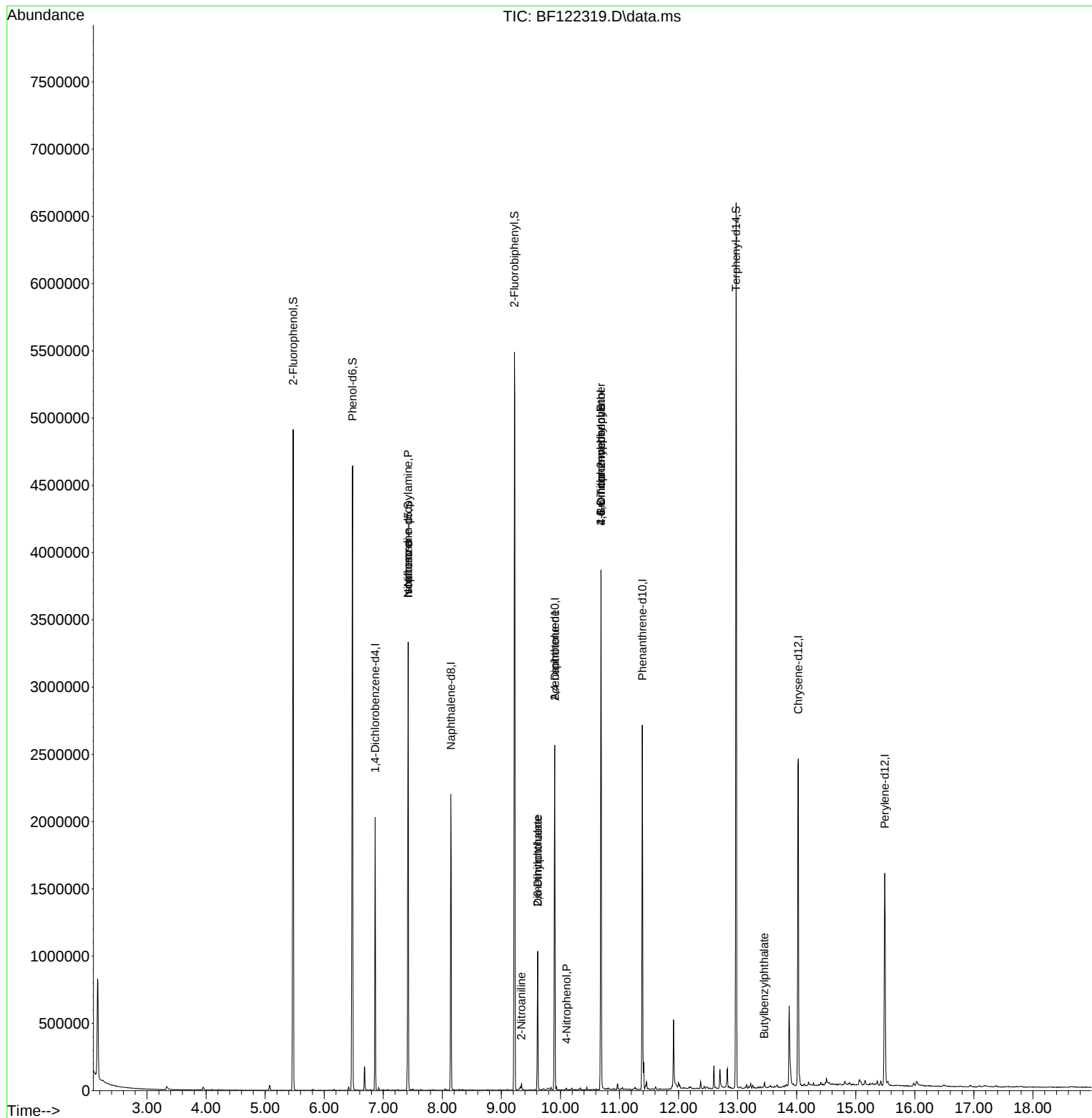
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	253323	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	959843	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	496130	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	909723	20.00	ng	0.00
76) Chrysene-d12	14.027	240	840274	20.00	ng	0.00
86) Perylene-d12	15.492	264	716295	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1285431	77.92	ng	0.00
7) Phenol-d6	6.481	99	1599547	74.11	ng	-0.01
23) Nitrobenzene-d5	7.422	82	982776	62.68	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	438533	82.36	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	1777992	55.99	ng	-0.01
79) Terphenyl-d14	12.974	244	1986208	50.08	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.404	77	237	Below Cal	#	45
19) n-Nitroso-di-n-propyla...	7.422	70	133252	10.33	ng	# 78
25) Isophorone	7.422	82	981296	28.07	ng	# 67
48) 2-Nitroaniline	9.339	65	343	5.20	ng	# 6
50) Dimethylphthalate	9.616	163	365910	10.38	ng	100
51) 2,6-Dinitrotoluene	9.616	165	3922	4.27	ng	# 10
56) 4-Nitrophenol	10.104	139	1279	5.56	ng	# 10
57) 2,4-Dinitrotoluene	9.904	165	64937	10.64	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.686	198	1127	6.51	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	27989	2.62	ng	# 1
80) Butylbenzylphthalate	13.451	149	501	3.31	ng	# 31

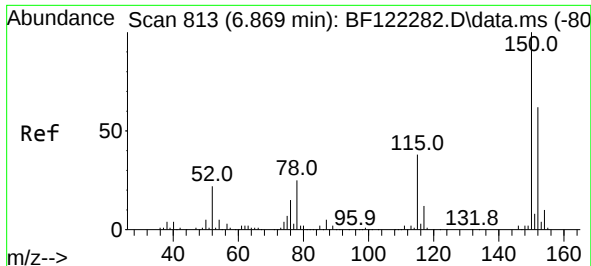
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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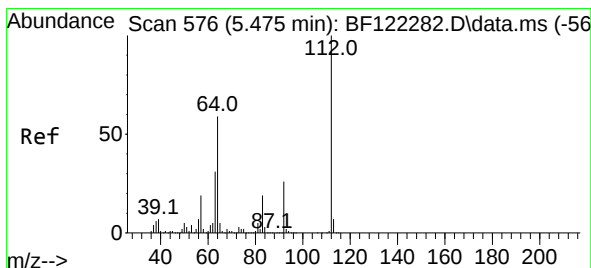
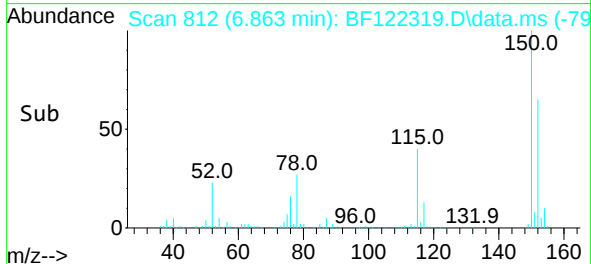
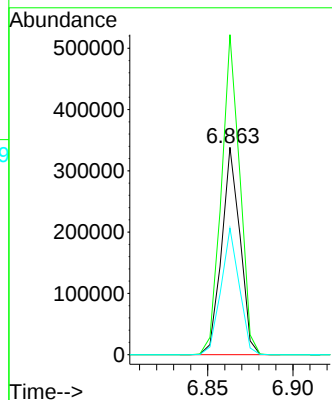
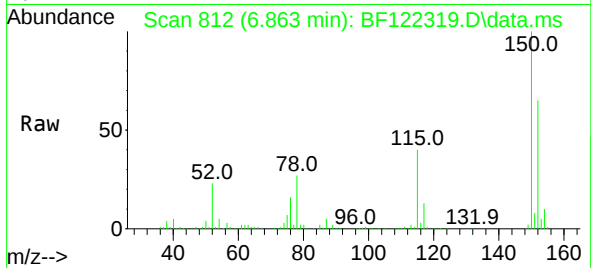




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.863 min Scan# 812
 Delta R.T. -0.006 min
 Lab File: BF122319.D
 Acq: 12 Nov 2020 17:06

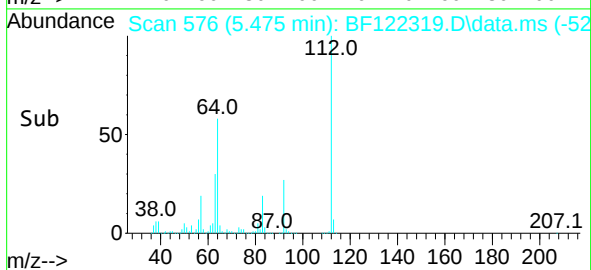
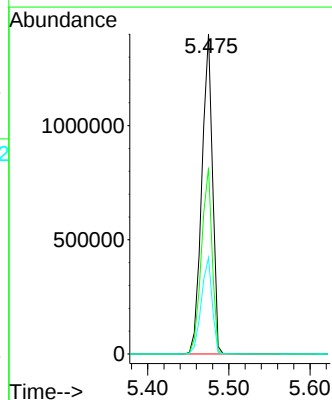
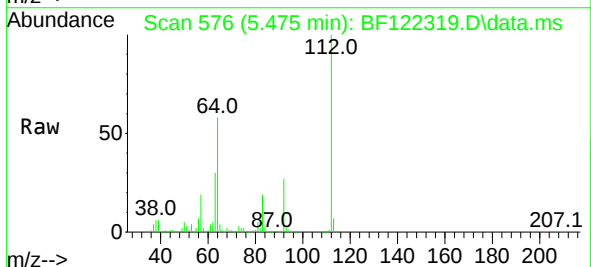
Instrument :
 BNA_F
 ClientSampleId :
 M-6(10-20)

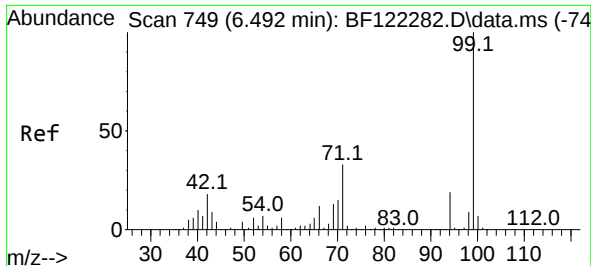
Tgt Ion:152 Resp: 253323
 Ion Ratio Lower Upper
 152 100
 150 154.3 125.3 187.9
 115 61.1 51.9 77.9



#5
 2-Fluorophenol
 Concen: 77.92 ng
 RT: 5.475 min Scan# 576
 Delta R.T. 0.000 min
 Lab File: BF122319.D
 Acq: 12 Nov 2020 17:06

Tgt Ion:112 Resp: 1285431
 Ion Ratio Lower Upper
 112 100
 64 58.2 50.4 75.6
 63 30.1 25.8 38.6

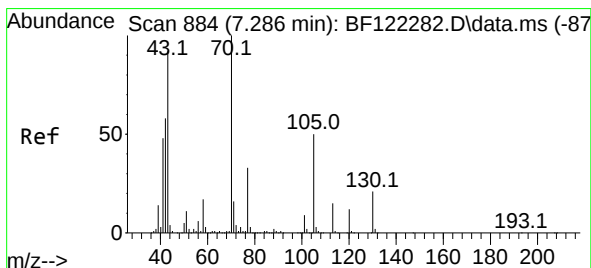
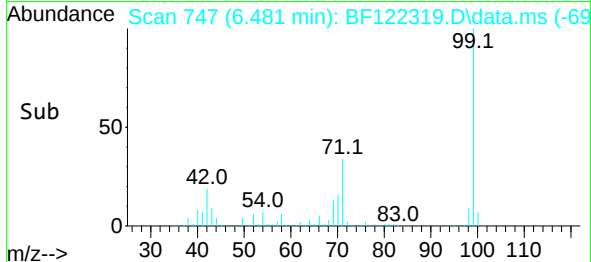
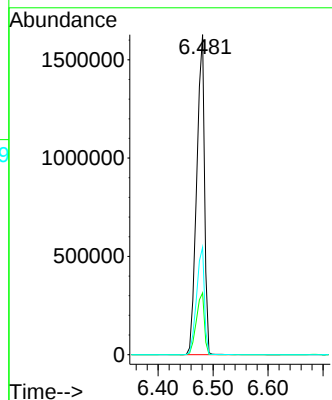
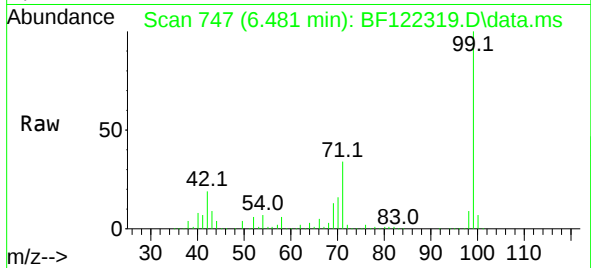




#7
Phenol-d6
Concen: 74.11 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.011 min
Lab File: BF122319.D
Acq: 12 Nov 2020 17:06

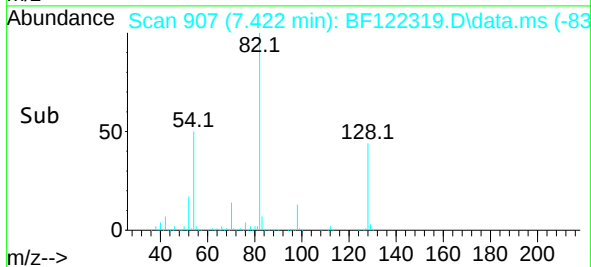
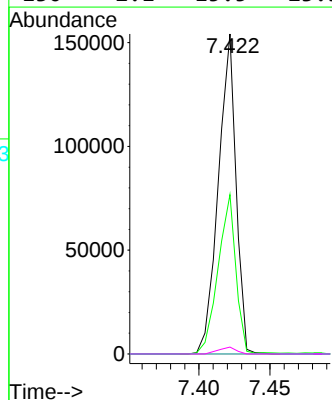
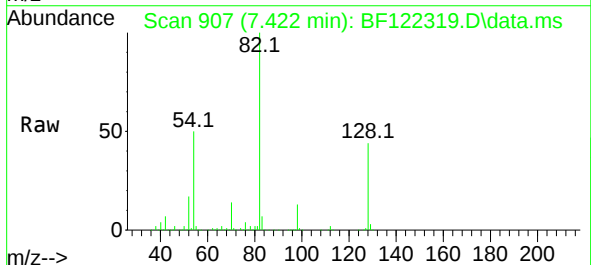
Instrument :
BNA_F
ClientSampleId :
M-6(10-20)

Tgt Ion: 99 Resp: 1599547
Ion Ratio Lower Upper
99 100
42 19.3 15.9 23.9
71 33.6 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 10.33 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.136 min
Lab File: BF122319.D
Acq: 12 Nov 2020 17:06

Tgt Ion: 70 Resp: 133252
Ion Ratio Lower Upper
70 100
42 49.8 50.2 75.4#
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#



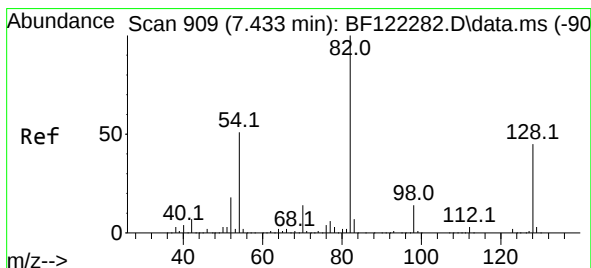
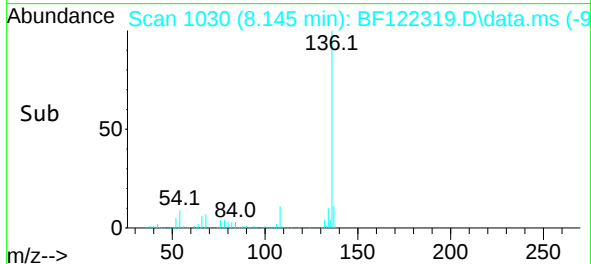
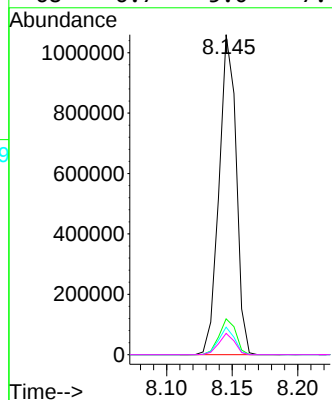
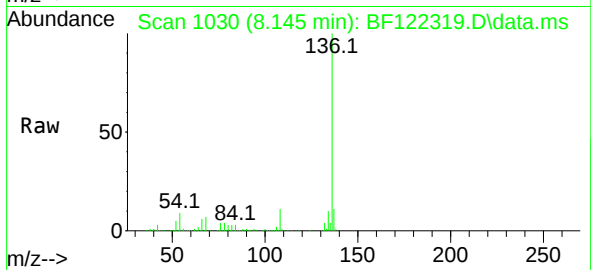


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF122319.D
Acq: 12 Nov 2020 17:06

Instrument :
BNA_F
ClientSampleId :
M-6(10-20)

Tgt Ion:136 Resp: 959843

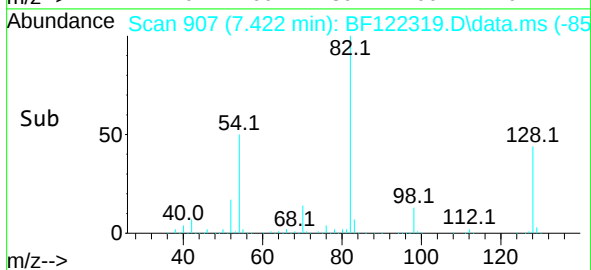
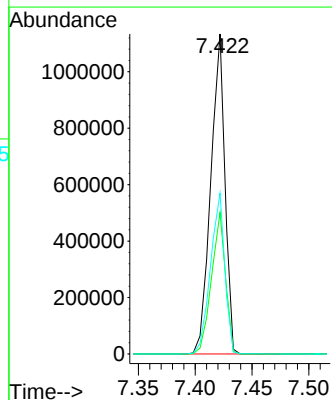
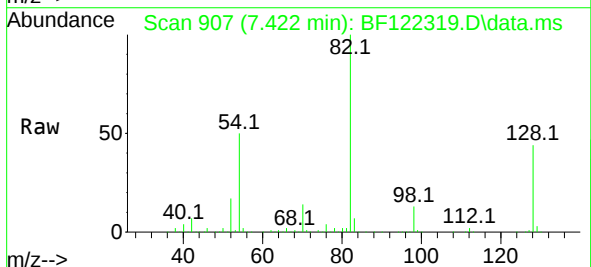
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	8.6	7.1	10.7
68	6.7	5.0	7.4

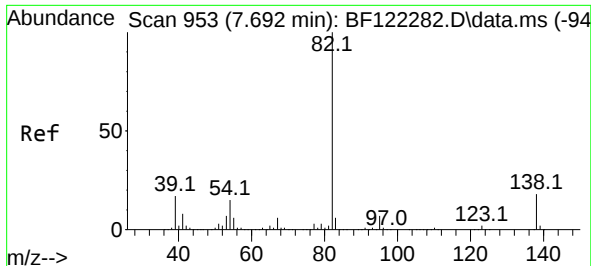


#23
Nitrobenzene-d5
Concen: 62.68 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.011 min
Lab File: BF122319.D
Acq: 12 Nov 2020 17:06

Tgt Ion: 82 Resp: 982776

Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.0	52.4
54	50.3	43.9	65.9

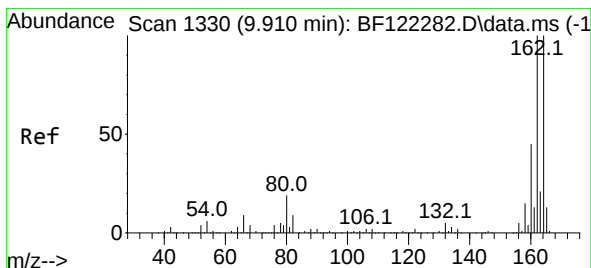
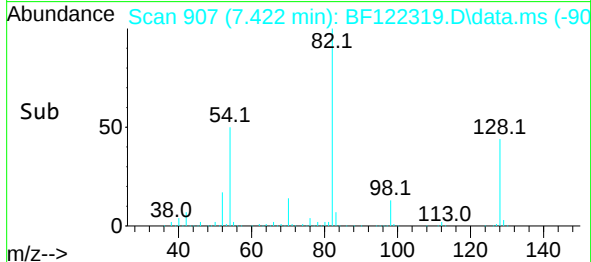
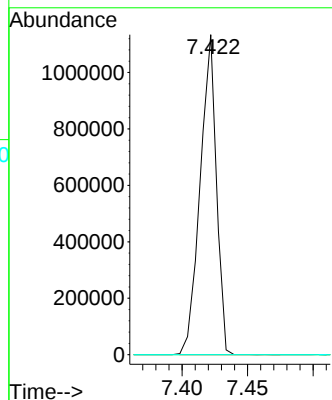
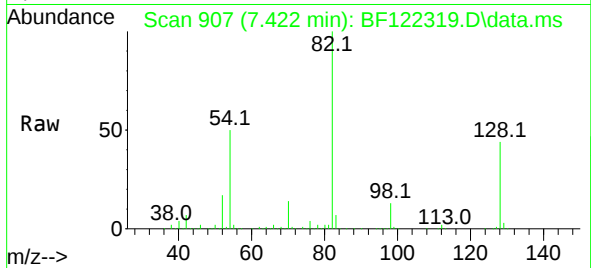




#25
Isophorone
Concen: 28.07 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.270 min
Lab File: BF122319.D
Acq: 12 Nov 2020 17:06

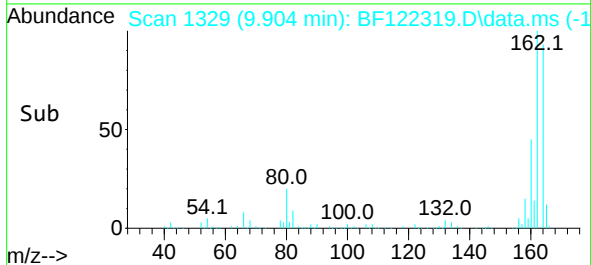
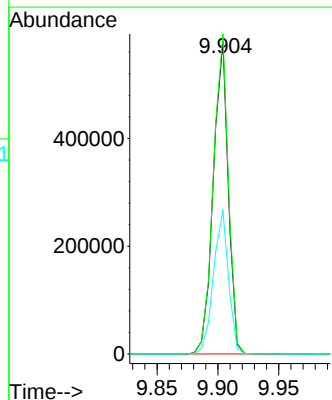
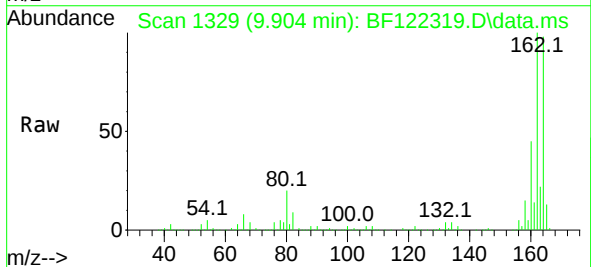
Instrument :
BNA_F
ClientSampleId :
M-6(10-20)

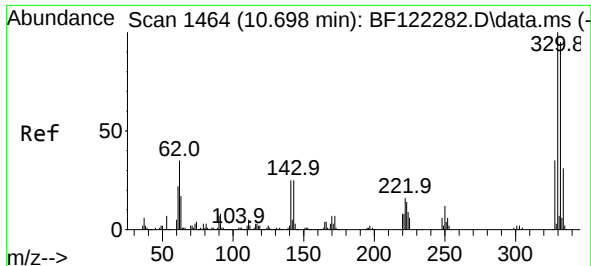
Tgt Ion: 82 Resp: 981296
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF122319.D
Acq: 12 Nov 2020 17:06

Tgt Ion: 164 Resp: 496130
Ion Ratio Lower Upper
164 100
162 102.4 83.2 124.8
160 45.9 37.5 56.3

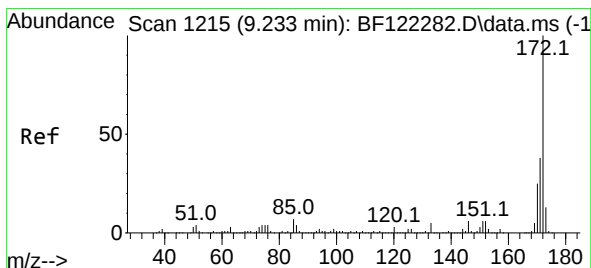
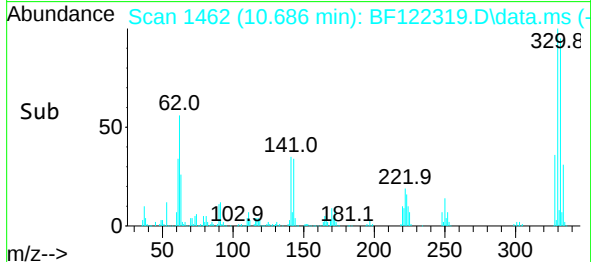
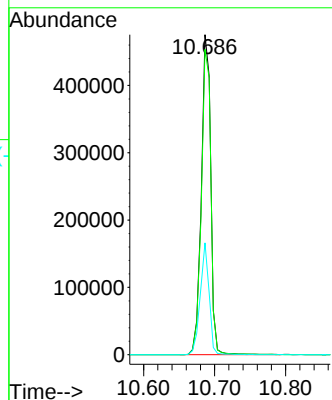
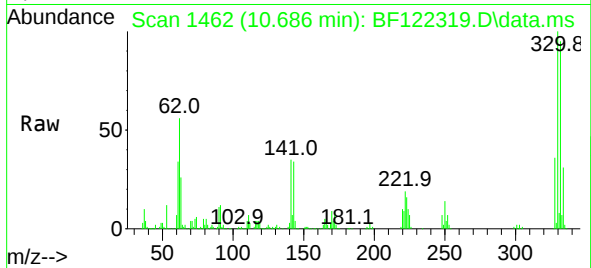




#42
2,4,6-Tribromophenol
Concen: 82.36 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.011 min
Lab File: BF122319.D
Acq: 12 Nov 2020 17:06

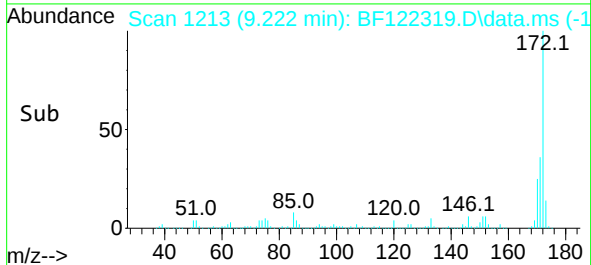
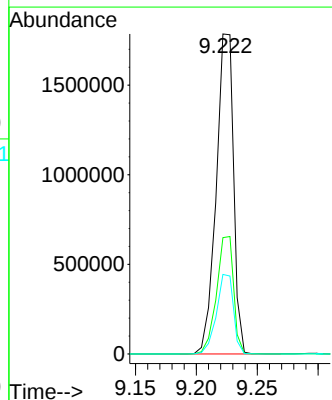
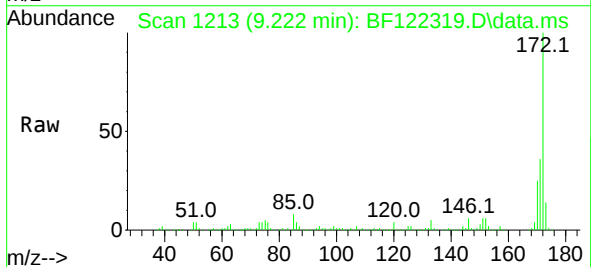
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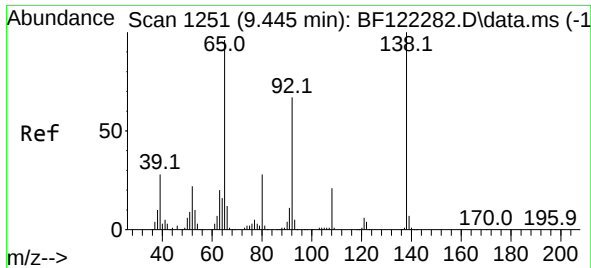
Tgt Ion: 330 Resp: 438533
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 33.1 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 55.99 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.011 min
Lab File: BF122319.D
Acq: 12 Nov 2020 17:06

Tgt Ion: 172 Resp: 1777992
Ion Ratio Lower Upper
172 100
171 36.3 29.1 43.7
170 24.9 19.8 29.6

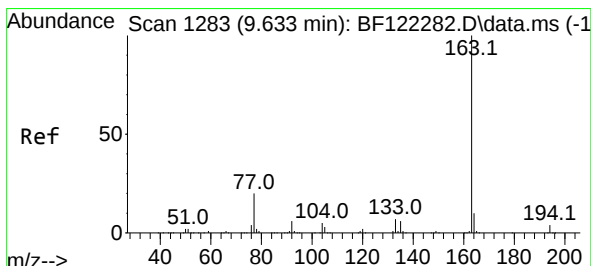
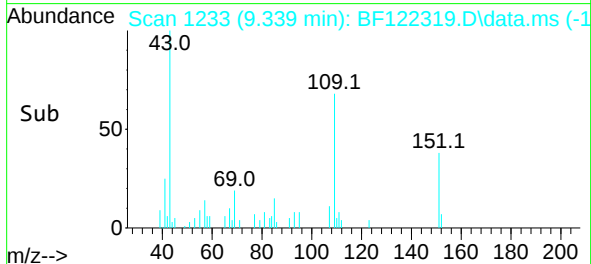
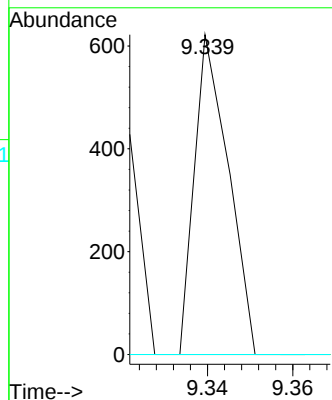
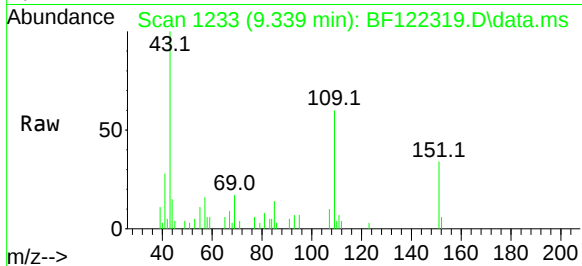




#48
2-Nitroaniline
Concen: 5.20 ng
RT: 9.339 min Scan# 1233
Delta R.T. -0.106 min
Lab File: BF122319.D
Acq: 12 Nov 2020 17:06

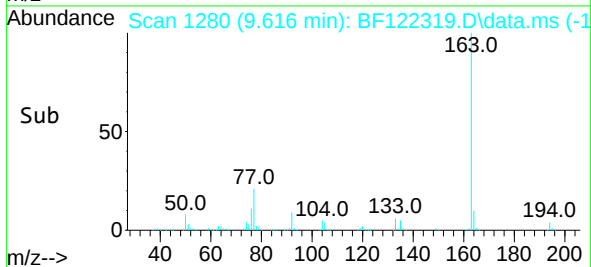
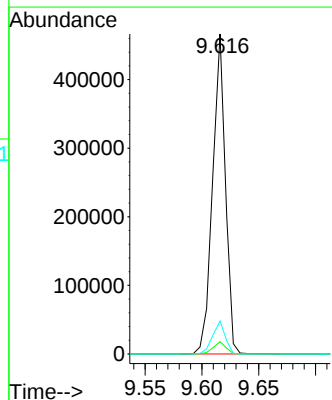
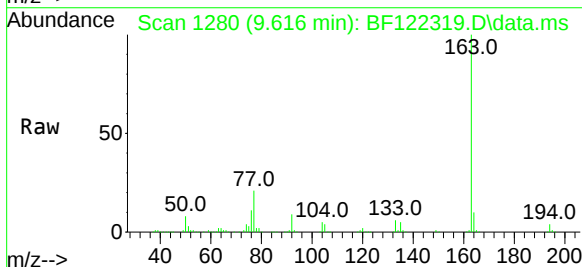
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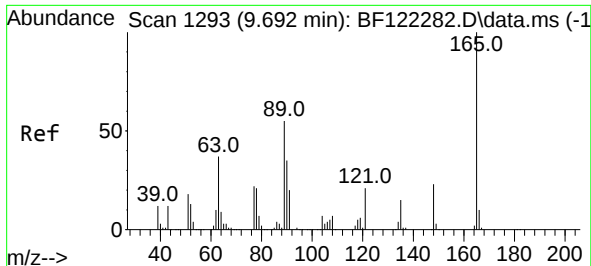
Tgt Ion: 65 Resp: 343
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#



#50
Dimethylphthalate
Concen: 10.38 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.017 min
Lab File: BF122319.D
Acq: 12 Nov 2020 17:06

Tgt Ion: 163 Resp: 365910
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.3 8.2 12.4

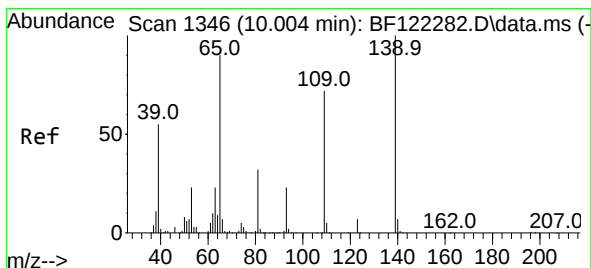
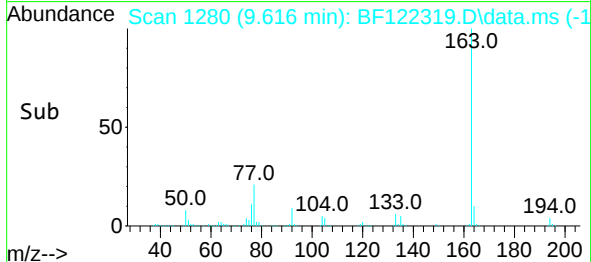
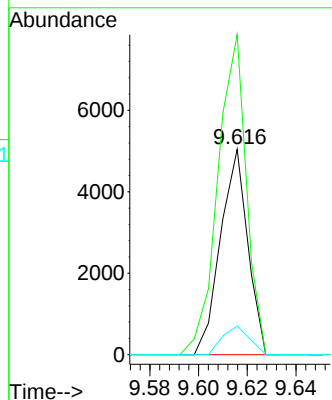
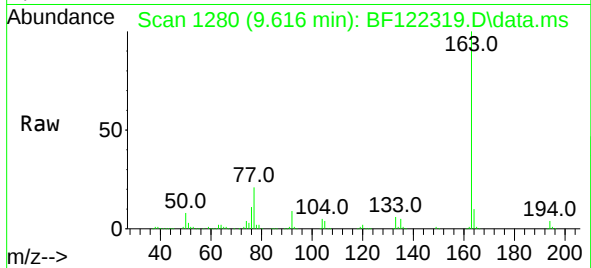




#51
2,6-Dinitrotoluene
Concen: 4.27 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.076 min
Lab File: BF122319.D
Acq: 12 Nov 2020 17:06

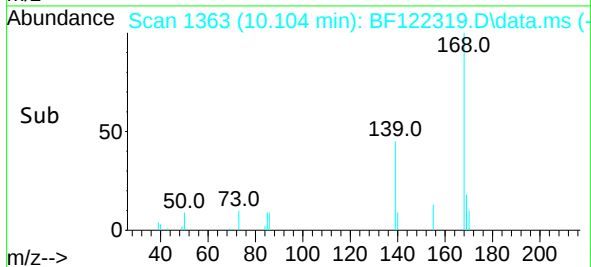
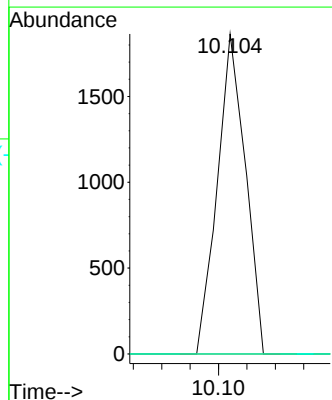
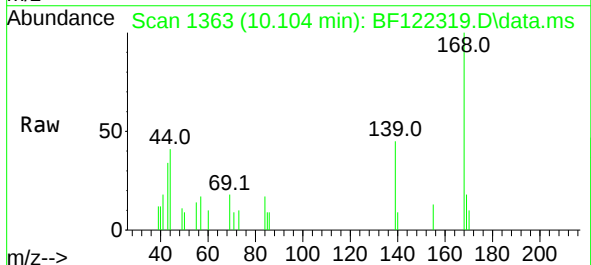
Instrument :
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ClientSampleId :
M-6(10-20)

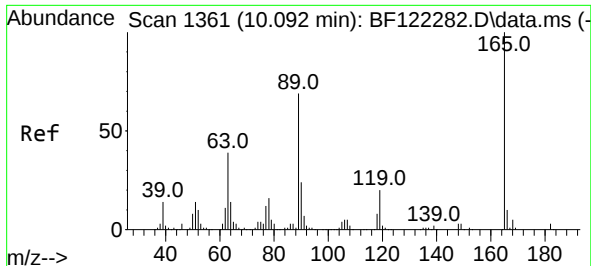
Tgt Ion:165 Resp: 3922
Ion Ratio Lower Upper
165 100
63 155.8 51.8 77.6#
89 13.9 49.0 73.6#



#56
4-Nitrophenol
Concen: 5.56 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.100 min
Lab File: BF122319.D
Acq: 12 Nov 2020 17:06

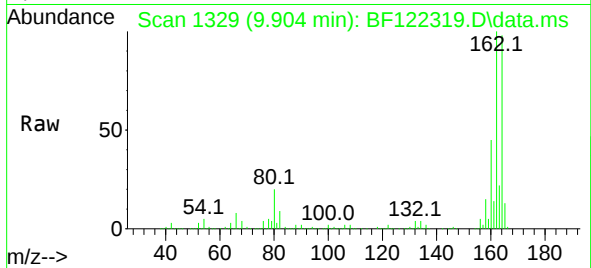
Tgt Ion:139 Resp: 1279
Ion Ratio Lower Upper
139 100
109 0.0 45.4 85.4#
65 0.0 68.4 108.4#



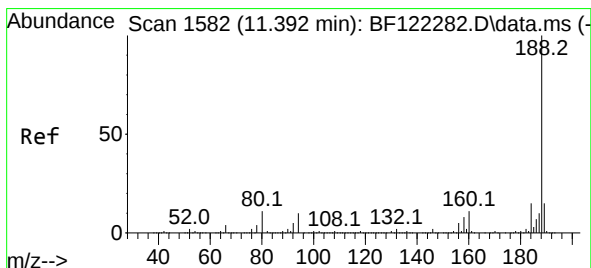
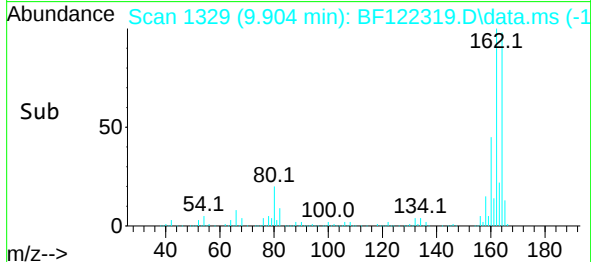
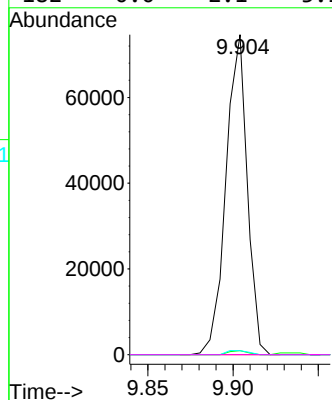


#57
2,4-Dinitrotoluene
Concen: 10.64 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF122319.D
Acq: 12 Nov 2020 17:06

Instrument :
BNA_F
ClientSampleId :
M-6(10-20)

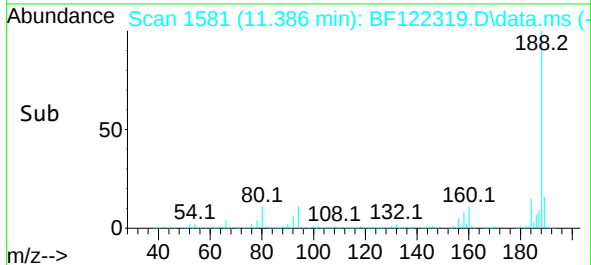
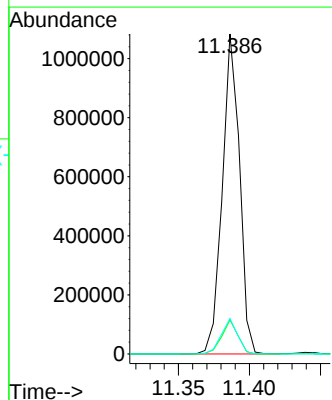
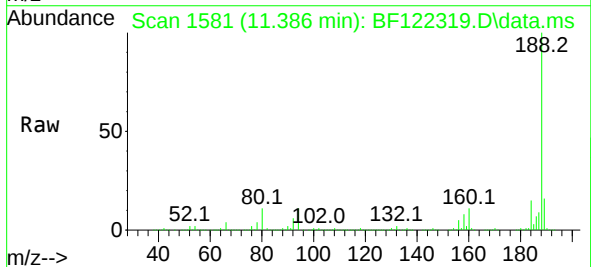


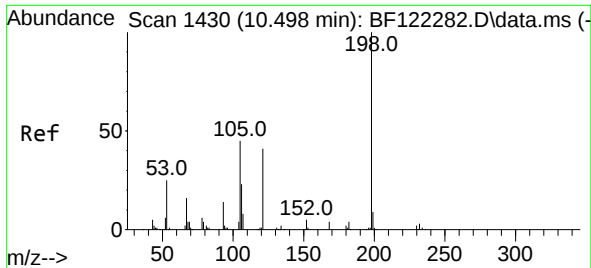
Tgt Ion:165 Resp: 64937
Ion Ratio Lower Upper
165 100
63 1.2 41.3 61.9#
89 1.2 61.8 92.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122319.D
Acq: 12 Nov 2020 17:06

Tgt Ion:188 Resp: 909723
Ion Ratio Lower Upper
188 100
94 10.6 8.3 12.5
80 11.1 9.1 13.7

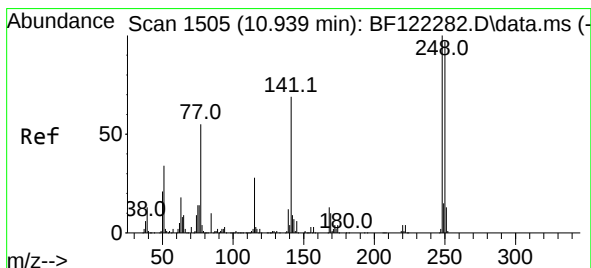
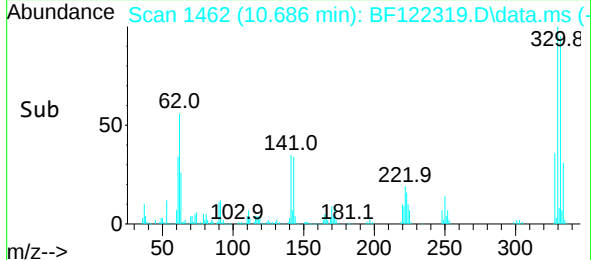
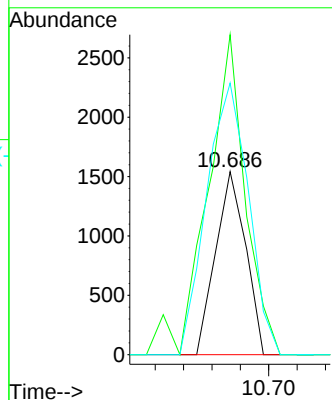
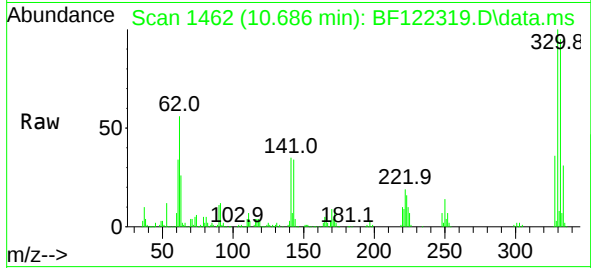




#65
4,6-Dinitro-2-methylphenol
Concen: 6.51 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.188 min
Lab File: BF122319.D
Acq: 12 Nov 2020 17:06

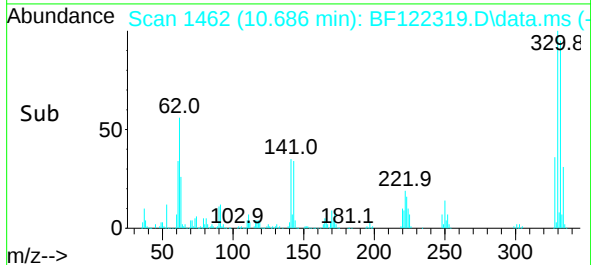
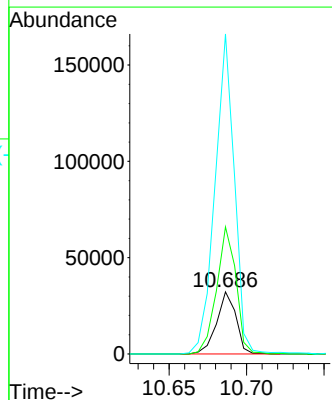
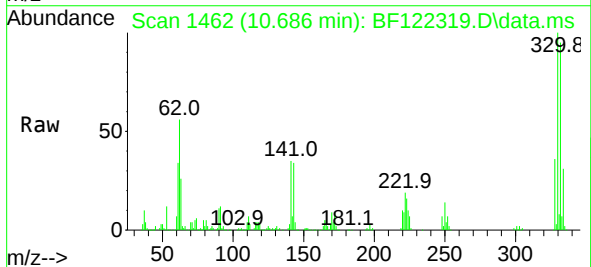
Instrument :
BNA_F
ClientSampleId :
M-6(10-20)

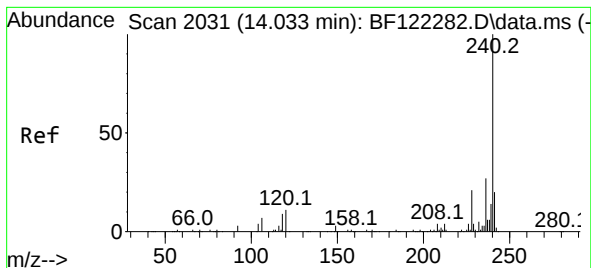
Tgt Ion:198 Resp: 1127
Ion Ratio Lower Upper
198 100
51 174.8 29.6 69.6#
105 148.4 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 2.62 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.253 min
Lab File: BF122319.D
Acq: 12 Nov 2020 17:06

Tgt Ion:248 Resp: 27989
Ion Ratio Lower Upper
248 100
250 204.5 77.0 115.6#
141 515.3 53.7 80.5#

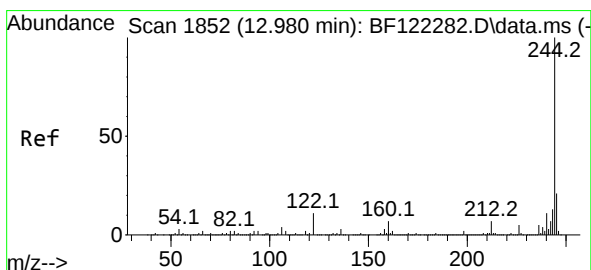
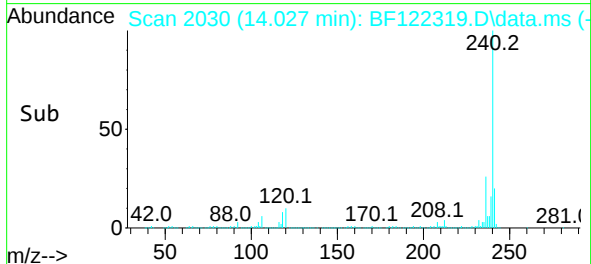
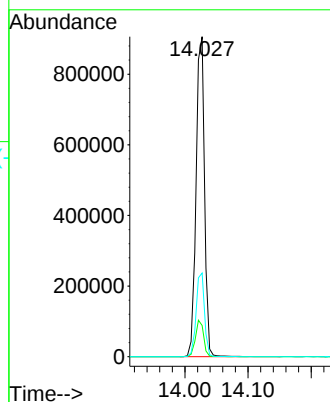
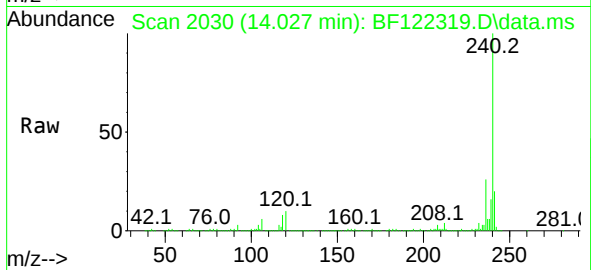




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122319.D
Acq: 12 Nov 2020 17:06

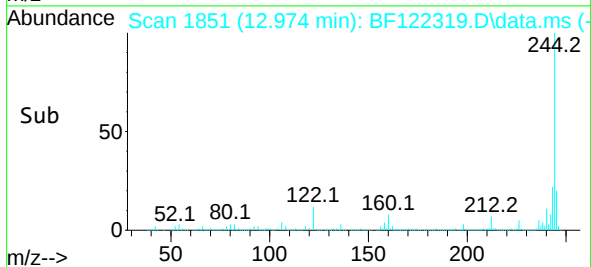
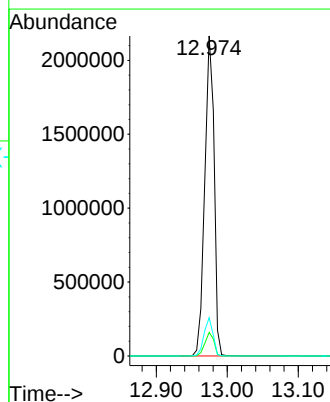
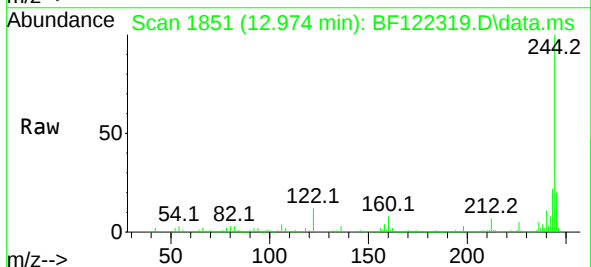
Instrument :
BNA_F
ClientSampleId :
M-6(10-20)

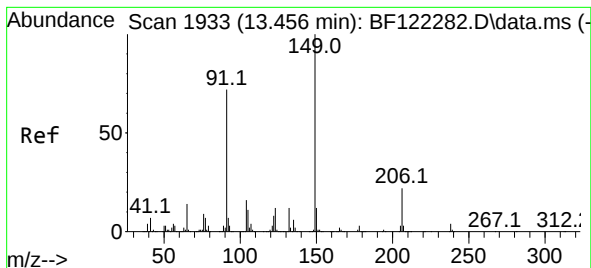
Tgt Ion:240 Resp: 840274
Ion Ratio Lower Upper
240 100
120 9.8 9.2 13.8
236 26.2 20.9 31.3



#79
Terphenyl-d14
Concen: 50.08 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF122319.D
Acq: 12 Nov 2020 17:06

Tgt Ion:244 Resp: 1986208
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.2
122 12.0 8.1 12.1

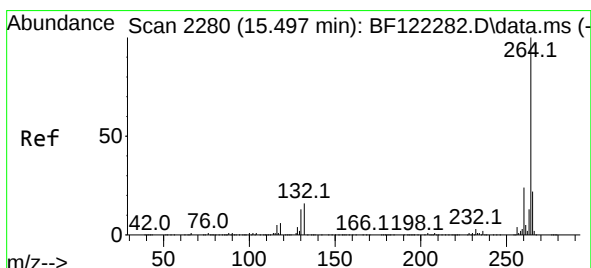
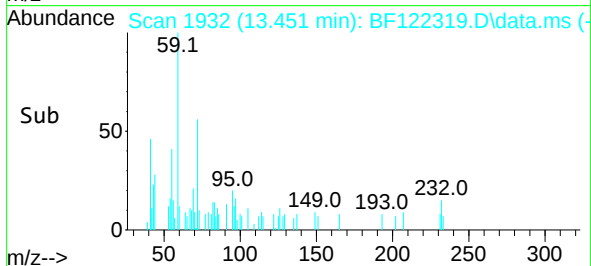
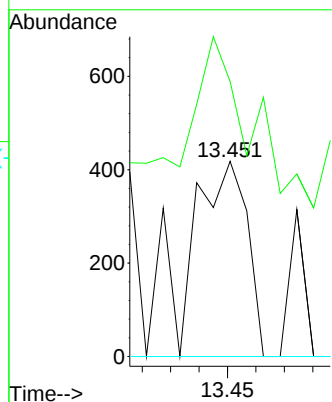
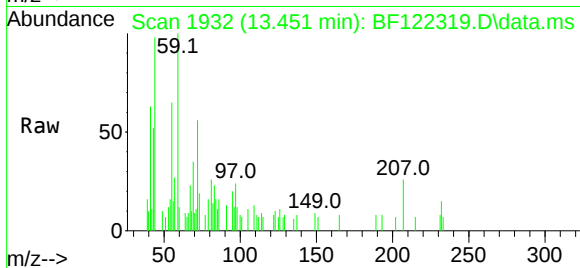




#80
Butylbenzylphthalate
Concen: 3.31 ng
RT: 13.451 min Scan# 1932
Delta R.T. -0.005 min
Lab File: BF122319.D
Acq: 12 Nov 2020 17:06

Instrument :
BNA_F
ClientSampleId :
M-6(10-20)

Tgt Ion:	149	Resp:	501
Ion	Ratio	Lower	Upper
149	100		
91	140.9	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: BF122319.D
Acq: 12 Nov 2020 17:06

Tgt Ion:	264	Resp:	716295
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	20.9	17.3	25.9

