

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021721\
 Data File : BF123222.D
 Acq On : 17 Feb 2021 20:27
 Operator : JU/CG
 Sample : M1428-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T2284-393459

Quant Time: Feb 18 06:38:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 12 16:59:49 2021
 Response via : Initial Calibration

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

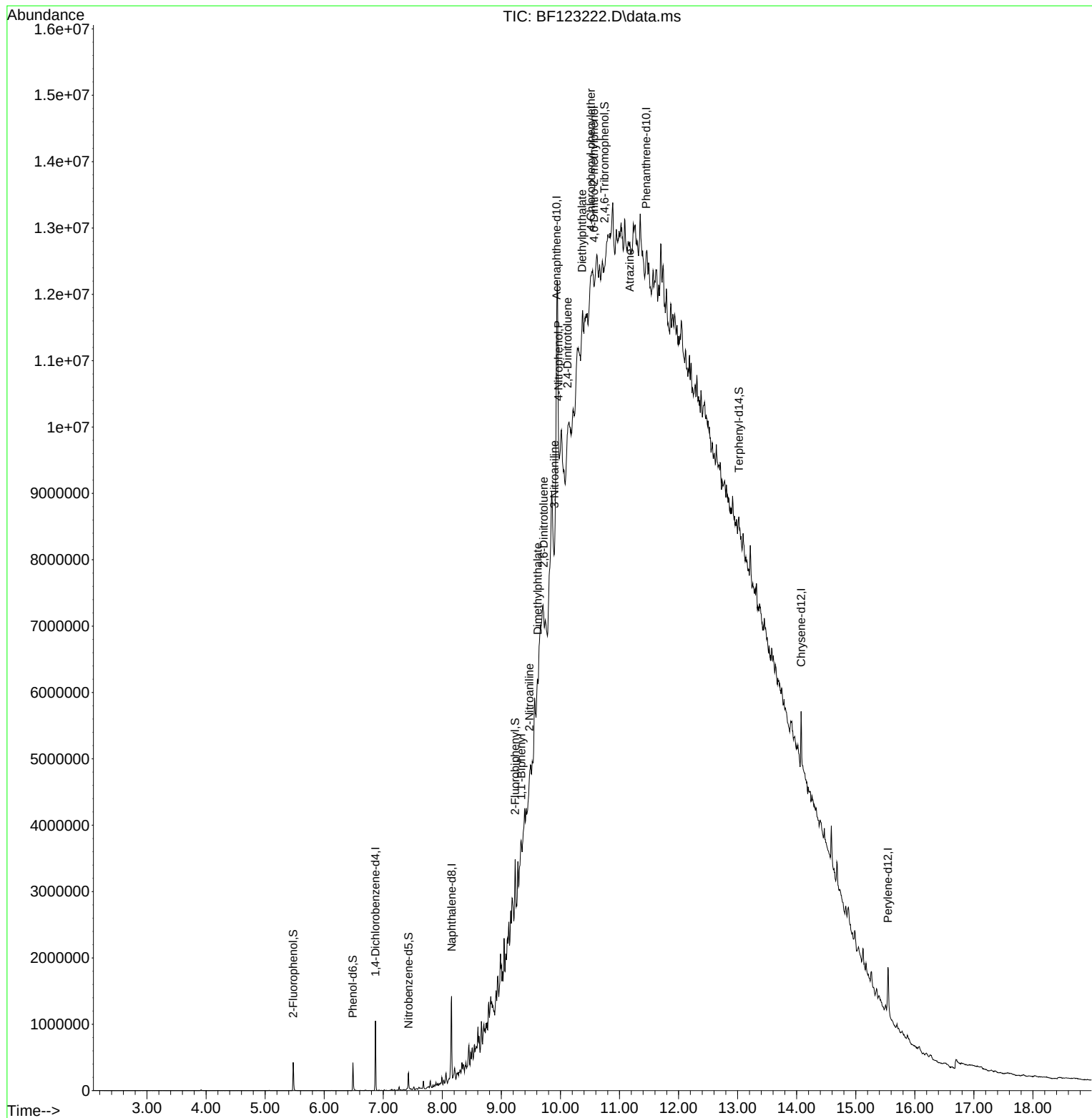
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	140346	20.00	ng	0.00
21) Naphthalene-d8	8.157	136	540704	20.00	ng	0.00
39) Acenaphthene-d10	9.933	164	175430	20.00	ng	0.02
64) Phenanthrene-d10	11.451	188	253702	20.00	ng	# 0.05
76) Chrysene-d12	14.074	240	289384	20.00	ng	# 0.02
86) Perylene-d12	15.545	264	328676	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	115754	12.50	ng	0.00
7) Phenol-d6	6.487	99	138775	11.35	ng	-0.01
23) Nitrobenzene-d5	7.428	82	82912	8.06	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	20850	11.01	ng	0.04
45) 2-Fluorobiphenyl	9.233	172	158287	13.48	ng	0.00
79) Terphenyl-d14	13.021	244	110859	7.68	ng	0.02
Target Compounds						
						Qvalue
46) 1,1'-Biphenyl	9.339	154	36760	2.60	ng	90
48) 2-Nitroaniline	9.475	65	19831	5.22	ng	# 47
50) Dimethylphthalate	9.616	163	46887	3.69	ng	# 9
51) 2,6-Dinitrotoluene	9.716	165	48978	16.01	ng	# 46
53) 3-Nitroaniline	9.898	138	11647	3.20	ng	# 30
56) 4-Nitrophenol	9.969	139	36209	12.12	ng	# 1
57) 2,4-Dinitrotoluene	10.122	165	11038	2.67	ng	# 46
60) Diethylphthalate	10.369	149	67558	5.24	ng	# 40
61) 4-Chlorophenyl-phenyle...	10.516	204	12686	2.29	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.569	198	3448	2.11	ng	# 1
69) Atrazine	11.175	200	62882	24.60	ng	# 1

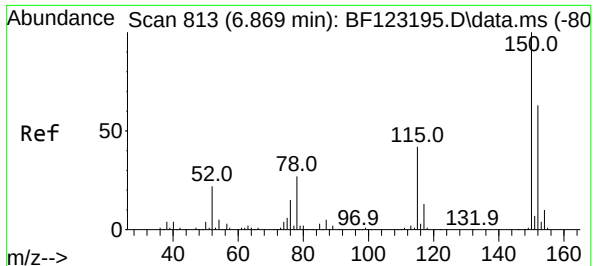
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021721\
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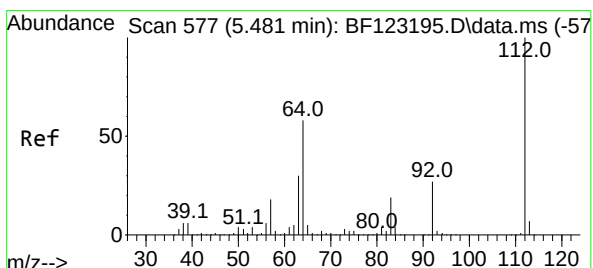
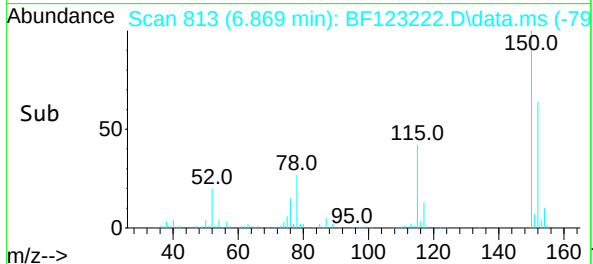
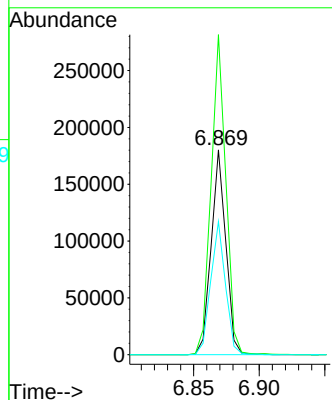
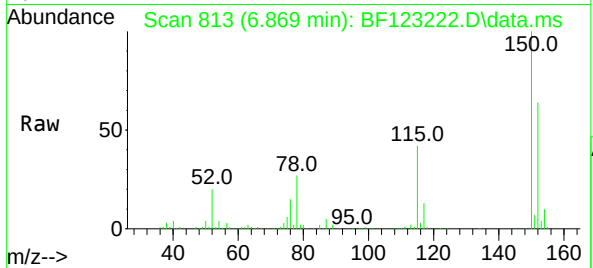




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.869 min Scan# 813
 Delta R.T. -0.000 min
 Lab File: BF123222.D
 Acq: 17 Feb 2021 20:27

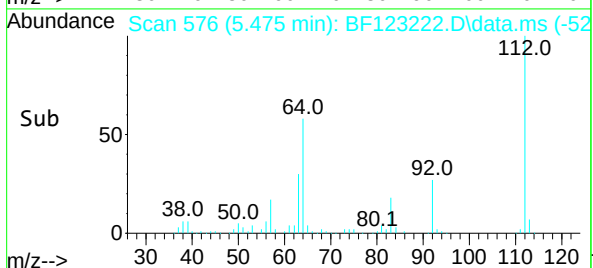
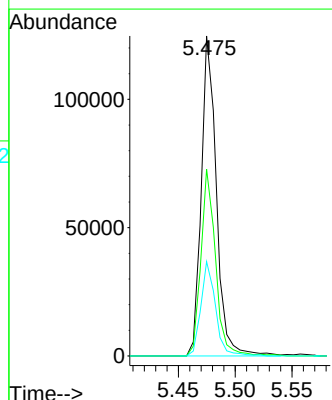
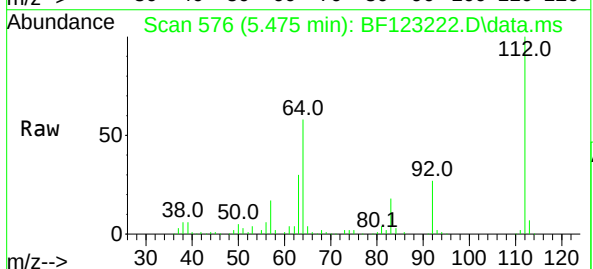
Instrument :
 BNA_F
 ClientSampleId :
 T2284-393459

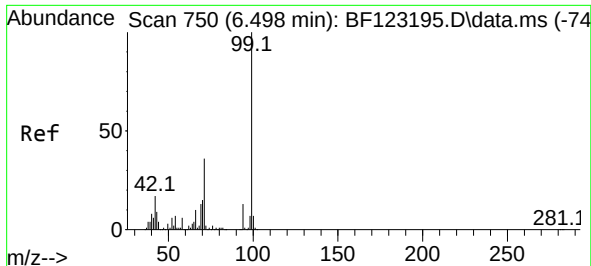
Tgt Ion:152 Resp: 140346
 Ion Ratio Lower Upper
 152 100
 150 156.3 125.8 188.6
 115 65.0 49.3 73.9



#5
 2-Fluorophenol
 Concen: 12.50 ng
 RT: 5.475 min Scan# 576
 Delta R.T. -0.006 min
 Lab File: BF123222.D
 Acq: 17 Feb 2021 20:27

Tgt Ion:112 Resp: 115754
 Ion Ratio Lower Upper
 112 100
 64 58.4 46.9 70.3
 63 29.5 24.5 36.7

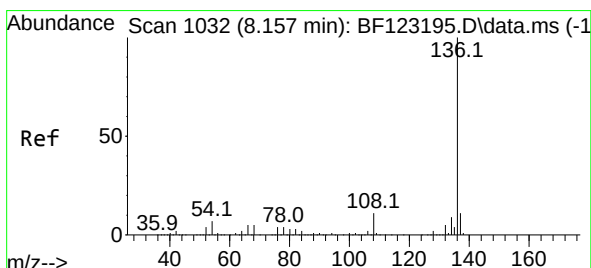
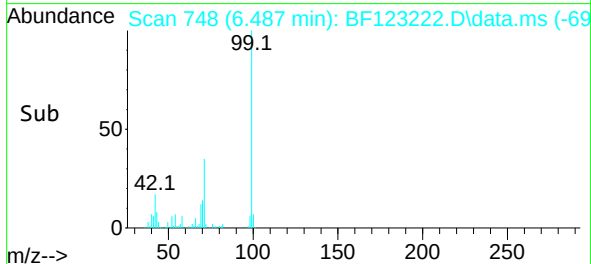
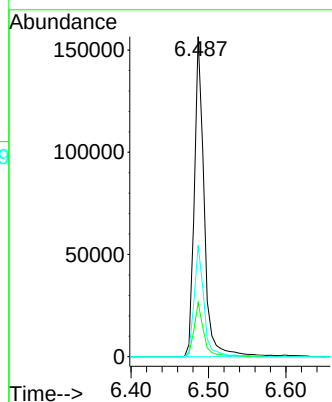
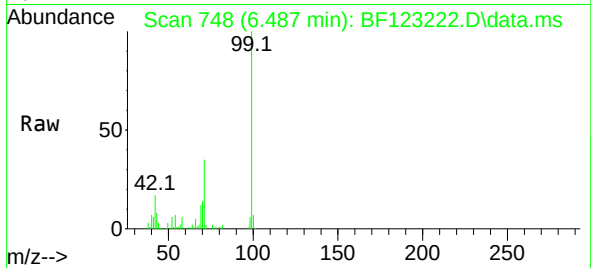




#7
Phenol-d6
Concen: 11.35 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF123222.D
Acq: 17 Feb 2021 20:27

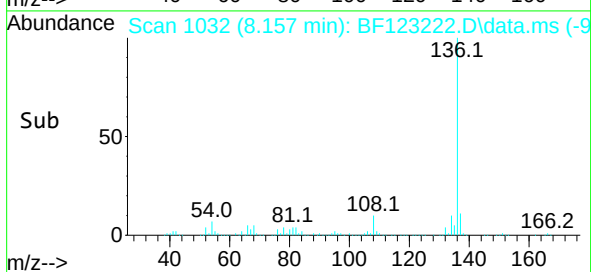
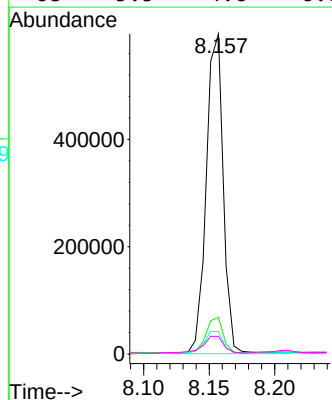
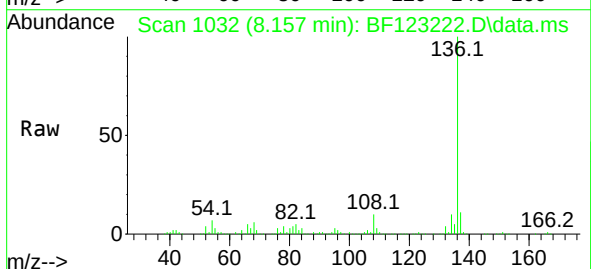
Instrument :
BNA_F
ClientSampleId :
T2284-393459

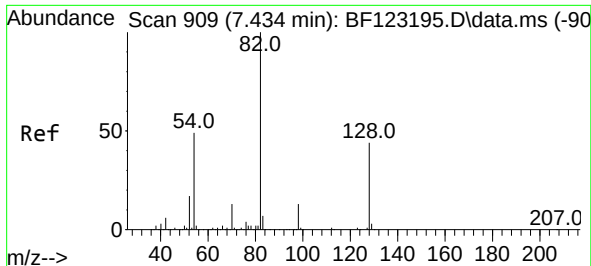
Tgt Ion:	99	Resp:	138775
Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.8	20.6
71	34.8	26.9	40.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF123222.D
Acq: 17 Feb 2021 20:27

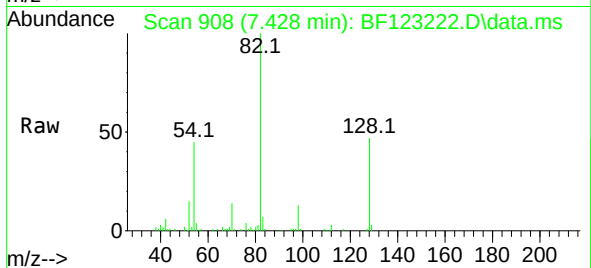
Tgt Ion:	136	Resp:	540704
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	7.0	5.5	8.3
68	5.5	4.6	6.8



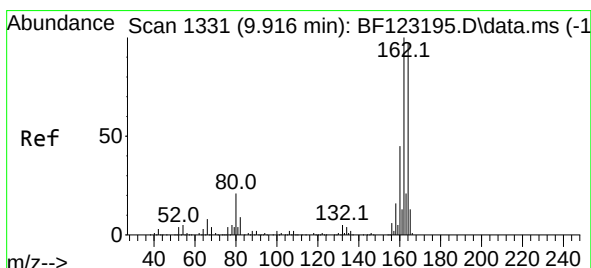
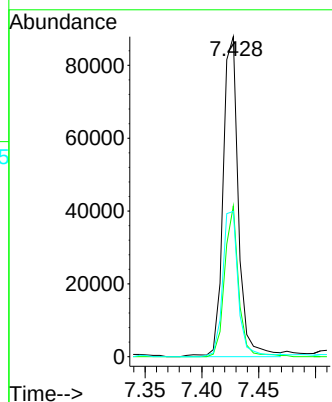
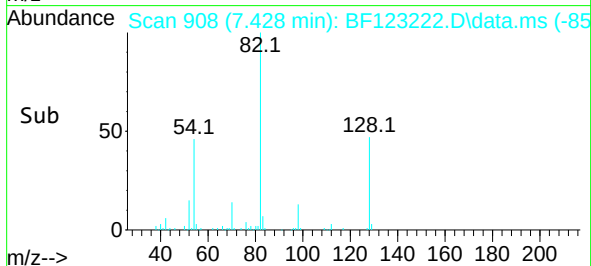


#23
Nitrobenzene-d5
Concen: 8.06 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF123222.D
Acq: 17 Feb 2021 20:27

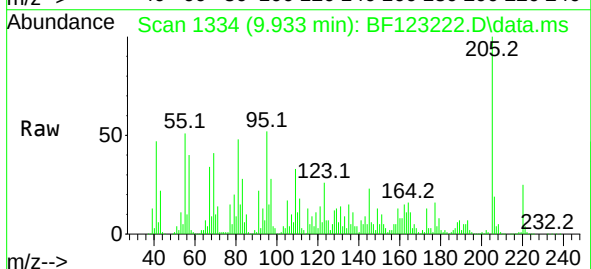
Instrument :
BNA_F
ClientSampleId :
T2284-393459



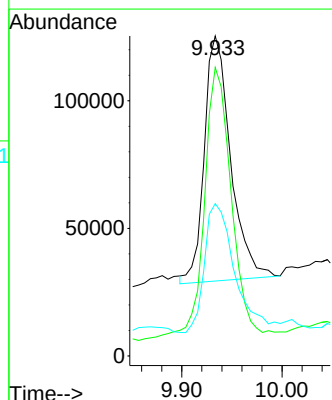
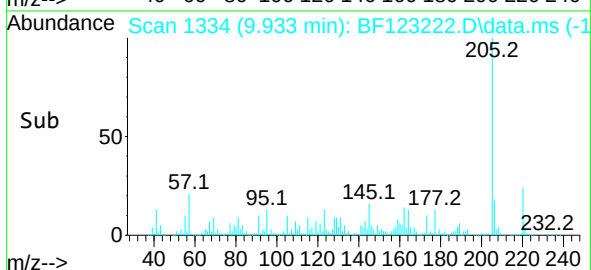
Tgt Ion: 82 Resp: 82912
Ion Ratio Lower Upper
82 100
128 47.1 37.0 55.4
54 45.4 38.4 57.6

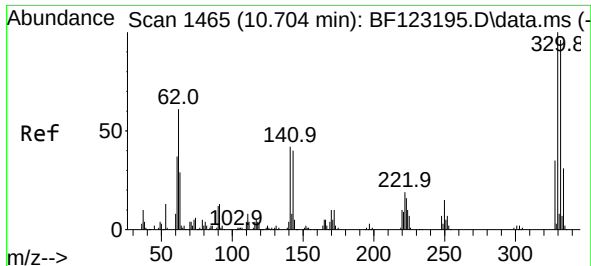


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.017 min
Lab File: BF123222.D
Acq: 17 Feb 2021 20:27



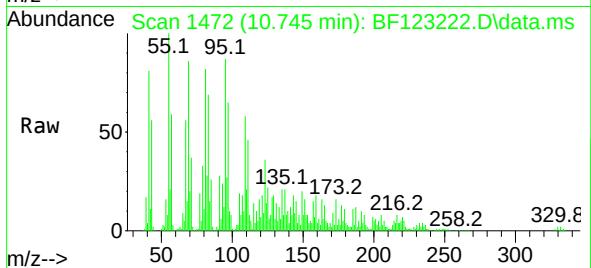
Tgt Ion: 164 Resp: 175430
Ion Ratio Lower Upper
164 100
162 90.2 80.8 121.2
160 47.6 35.4 53.0



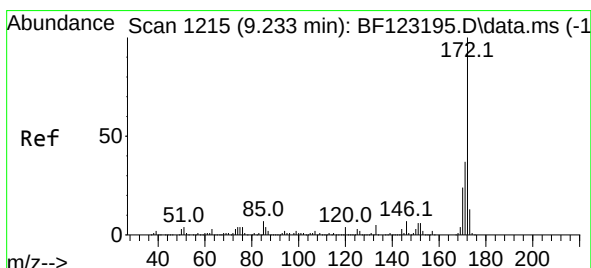
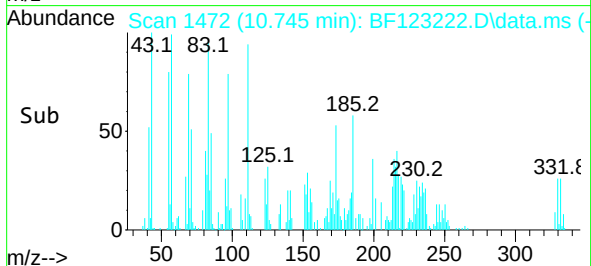
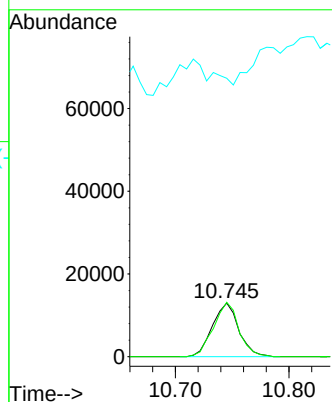


#42
2,4,6-Tribromophenol
Concen: 11.01 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.041 min
Lab File: BF123222.D
Acq: 17 Feb 2021 20:27

Instrument :
BNA_F
ClientSampleId :
T2284-393459

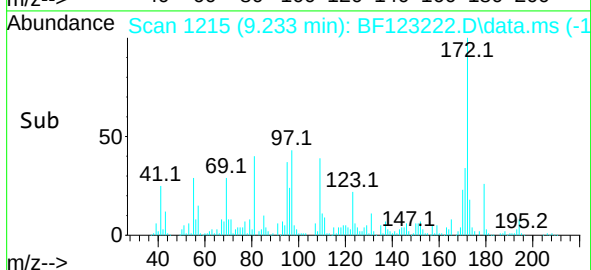
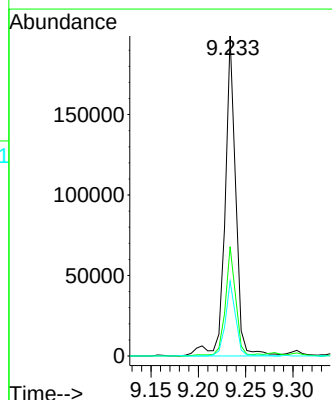
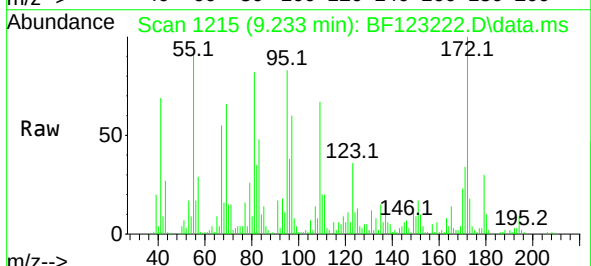


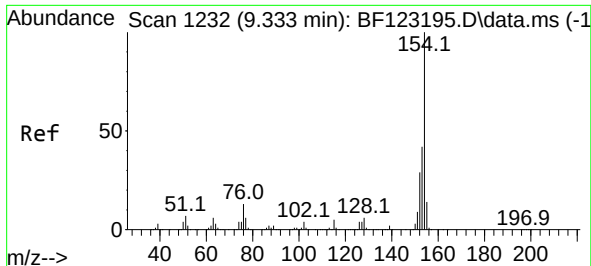
Tgt Ion: 330 Resp: 20850
Ion Ratio Lower Upper
330 100
332 97.8 77.5 116.3
141 0.0 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 13.48 ng
RT: 9.233 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF123222.D
Acq: 17 Feb 2021 20:27

Tgt Ion: 172 Resp: 158287
Ion Ratio Lower Upper
172 100
171 34.1 29.6 44.4
170 23.4 19.5 29.3

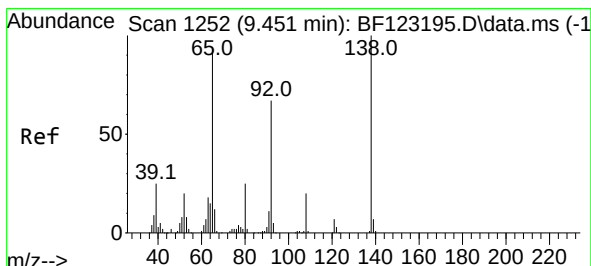
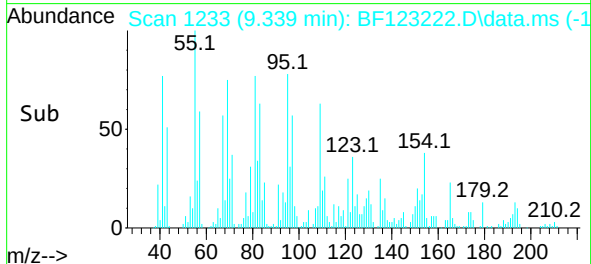
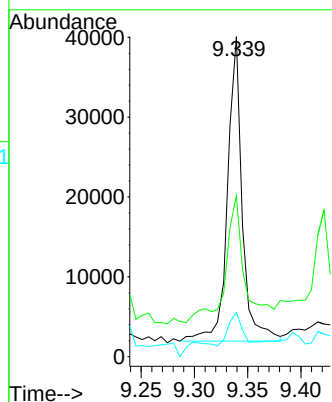
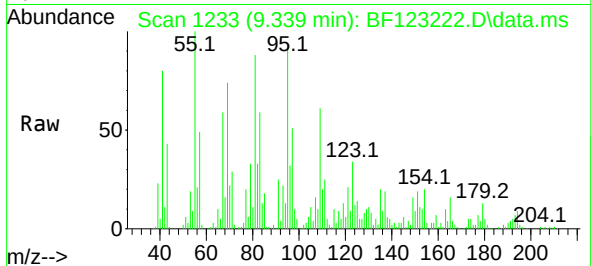




#46
1,1'-Biphenyl
Concen: 2.60 ng
RT: 9.339 min Scan# 1233
Delta R.T. 0.006 min
Lab File: BF123222.D
Acq: 17 Feb 2021 20:27

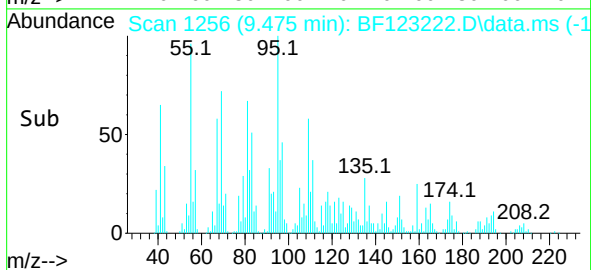
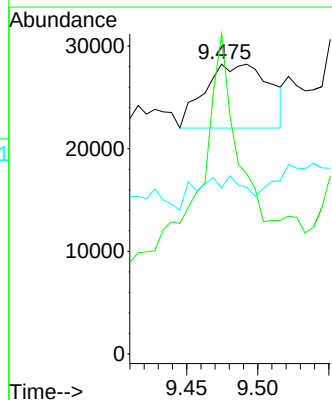
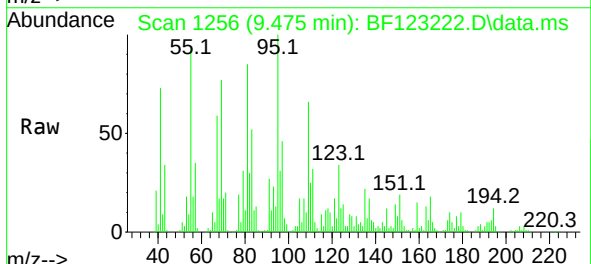
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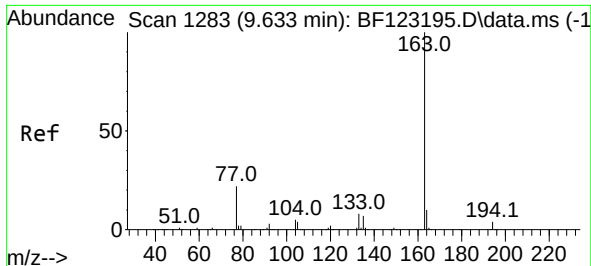
Tgt Ion:154 Resp: 36760
Ion Ratio Lower Upper
154 100
153 50.3 21.8 61.8
76 13.8 0.0 33.4



#48
2-Nitroaniline
Concen: 5.22 ng
RT: 9.475 min Scan# 1256
Delta R.T. 0.024 min
Lab File: BF123222.D
Acq: 17 Feb 2021 20:27

Tgt Ion: 65 Resp: 19831
Ion Ratio Lower Upper
65 100
92 110.5 60.0 90.0#
138 57.3 100.6 151.0#

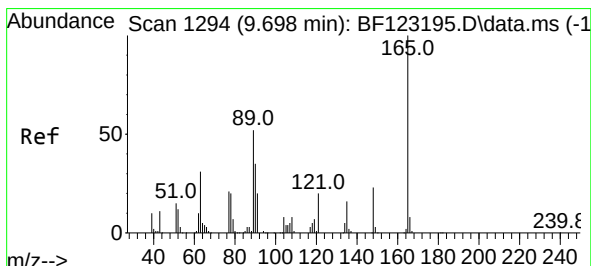
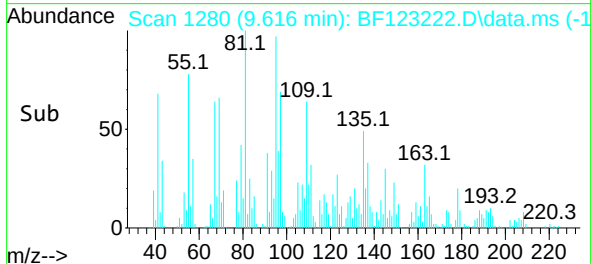
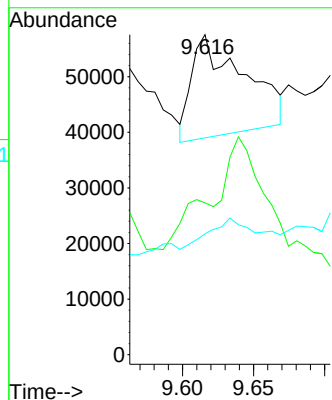
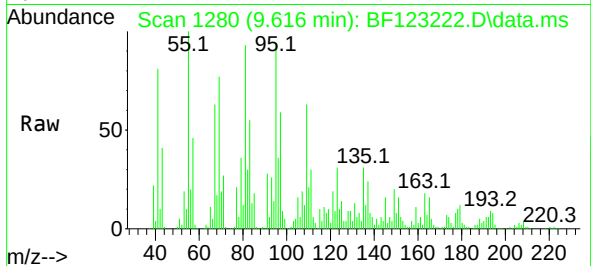




#50
Dimethylphthalate
Concen: 3.69 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.018 min
Lab File: BF123222.D
Acq: 17 Feb 2021 20:27

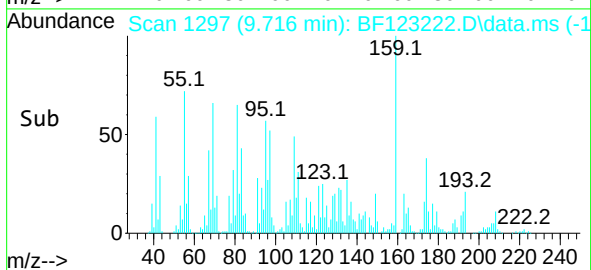
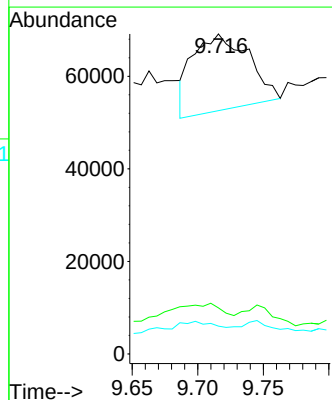
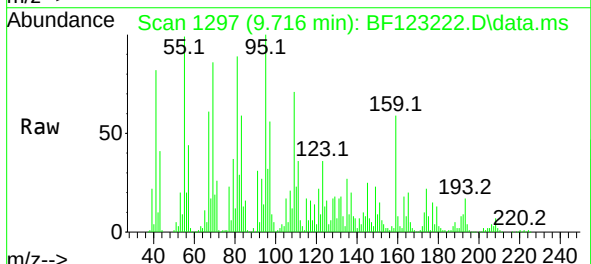
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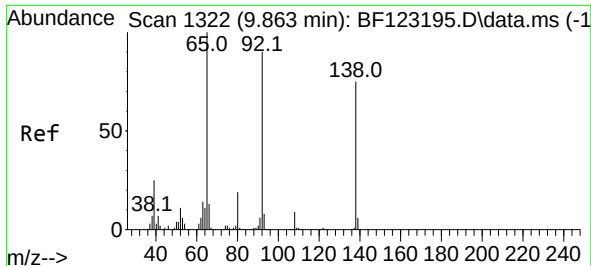
Tgt Ion:163 Resp: 46887
Ion Ratio Lower Upper
163 100
194 47.5 3.4 5.0#
164 37.8 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 16.01 ng
RT: 9.716 min Scan# 1297
Delta R.T. 0.018 min
Lab File: BF123222.D
Acq: 17 Feb 2021 20:27

Tgt Ion:165 Resp: 48978
Ion Ratio Lower Upper
165 100
63 14.4 36.6 55.0#
89 8.7 39.4 59.0#

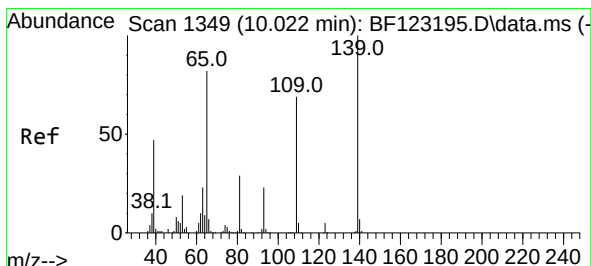
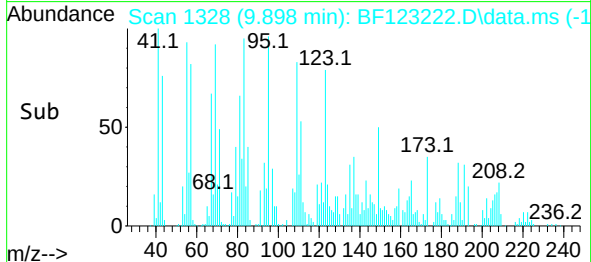
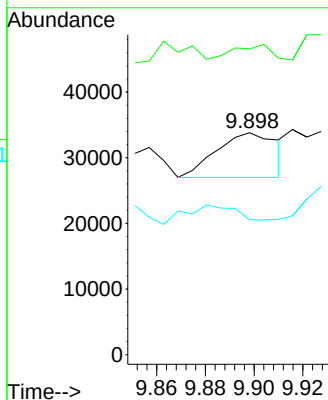
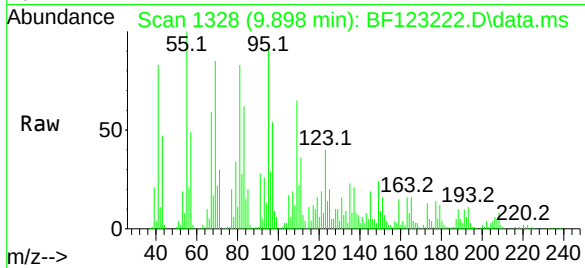




#53
3-Nitroaniline
Concen: 3.20 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.035 min
Lab File: BF123222.D
Acq: 17 Feb 2021 20:27

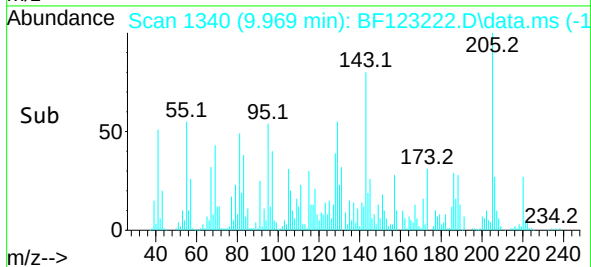
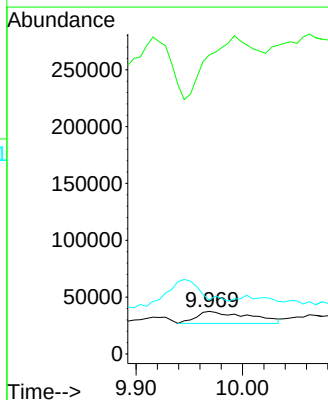
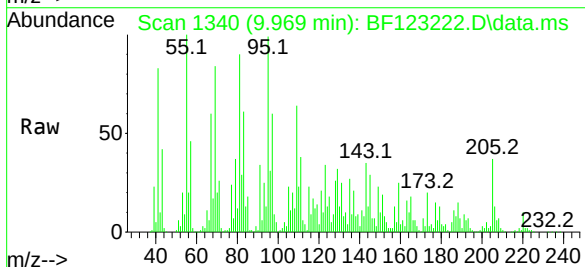
Instrument :
BNA_F
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T2284-393459

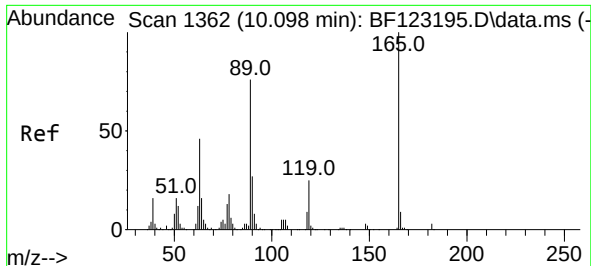
Tgt Ion:138 Resp: 11647
Ion Ratio Lower Upper
138 100
108 137.8 8.2 12.2#
92 60.8 85.4 128.2#



#56
4-Nitrophenol
Concen: 12.12 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.053 min
Lab File: BF123222.D
Acq: 17 Feb 2021 20:27

Tgt Ion:139 Resp: 36209
Ion Ratio Lower Upper
139 100
109 703.3 45.1 85.1#
65 127.1 59.2 99.2#

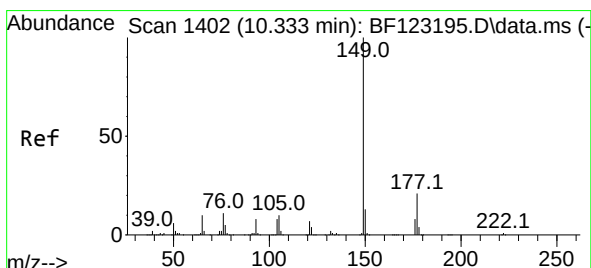
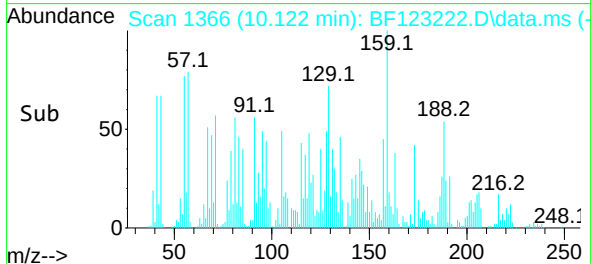
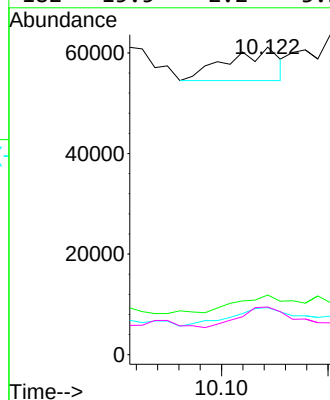
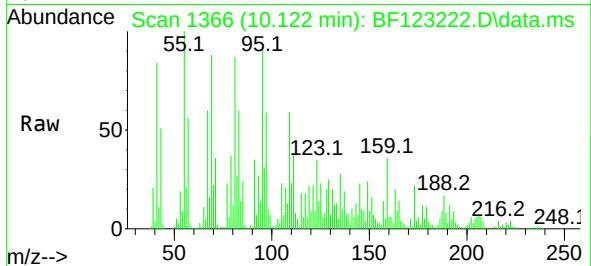




#57
2,4-Dinitrotoluene
Concen: 2.67 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.024 min
Lab File: BF123222.D
Acq: 17 Feb 2021 20:27

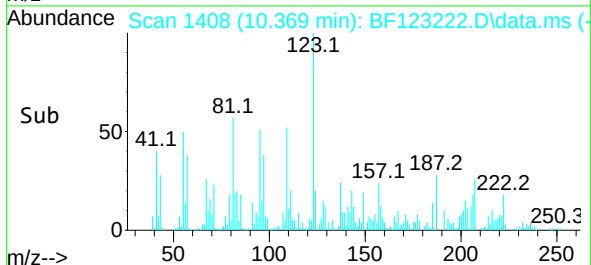
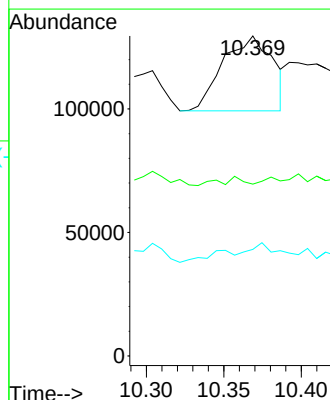
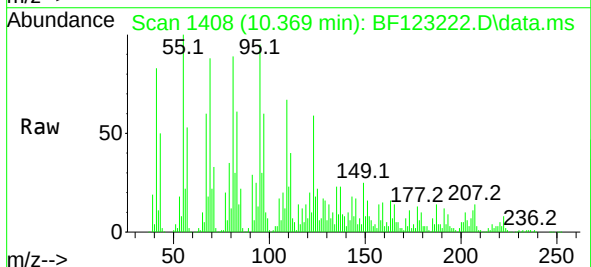
Instrument :
BNA_F
ClientSampleId :
T2284-393459

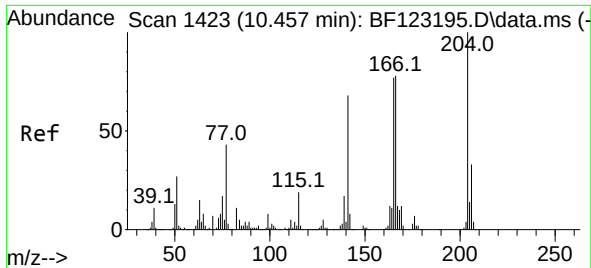
Tgt Ion:165 Resp: 11038
Ion Ratio Lower Upper
165 100
63 19.4 34.3 51.5#
89 15.3 55.2 82.8#
182 15.5 2.2 3.2#



#60
Diethylphthalate
Concen: 5.24 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.035 min
Lab File: BF123222.D
Acq: 17 Feb 2021 20:27

Tgt Ion:149 Resp: 67558
Ion Ratio Lower Upper
149 100
177 53.7 18.2 27.4#
150 33.3 10.1 15.1#

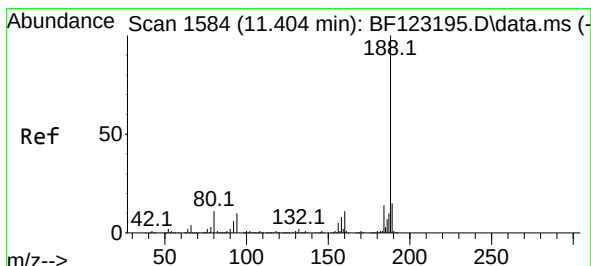
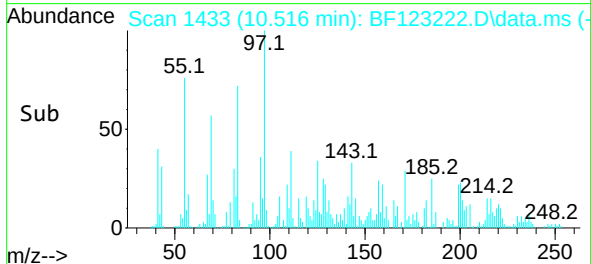
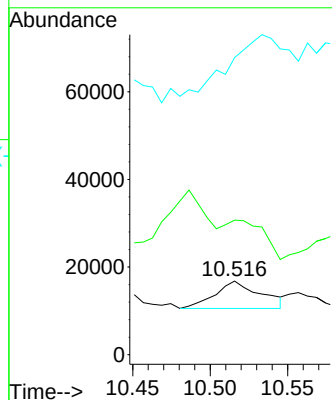
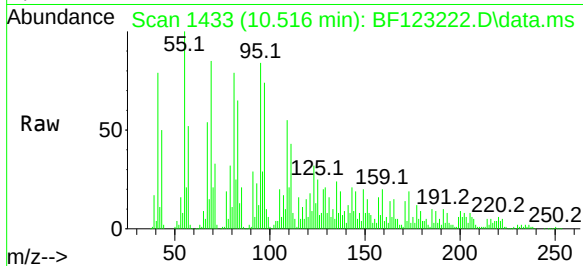




#61
4-Chlorophenyl-phenylether
Concen: 2.29 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.059 min
Lab File: BF123222.D
Acq: 17 Feb 2021 20:27

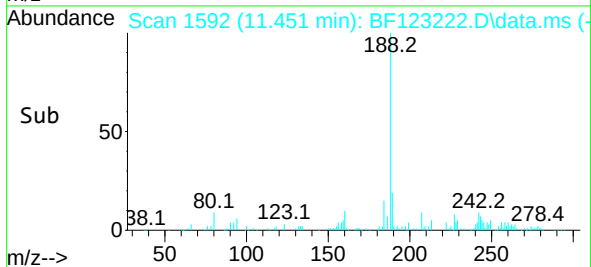
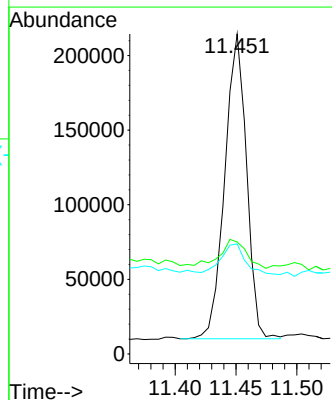
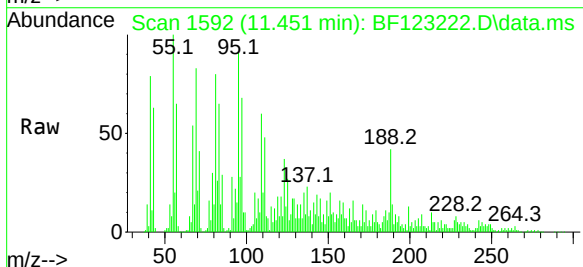
Instrument :
BNA_F
ClientSampleId :
T2284-393459

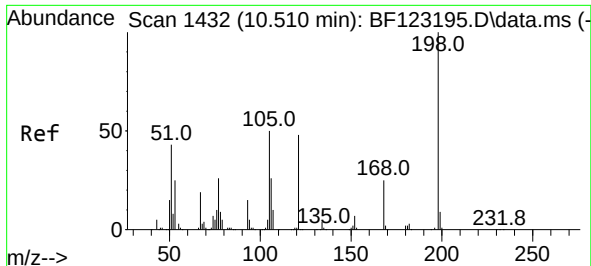
Tgt Ion:204 Resp: 12686
Ion Ratio Lower Upper
204 100
206 183.0 27.0 40.4#
141 404.1 50.4 75.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. 0.047 min
Lab File: BF123222.D
Acq: 17 Feb 2021 20:27

Tgt Ion:188 Resp: 253702
Ion Ratio Lower Upper
188 100
94 35.0 7.4 11.2#
80 34.4 8.2 12.4#

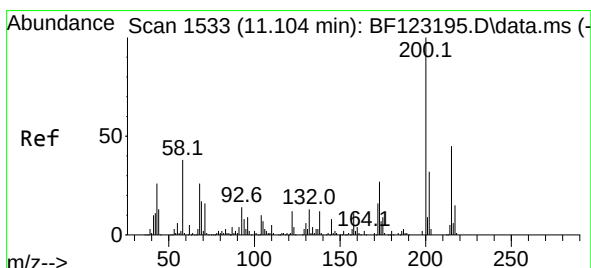
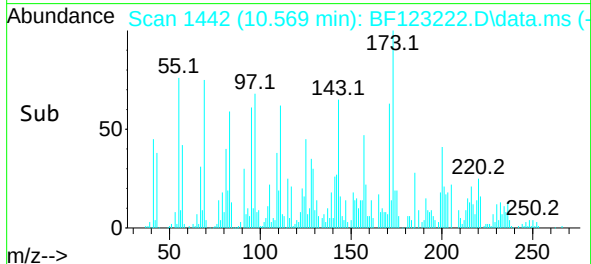
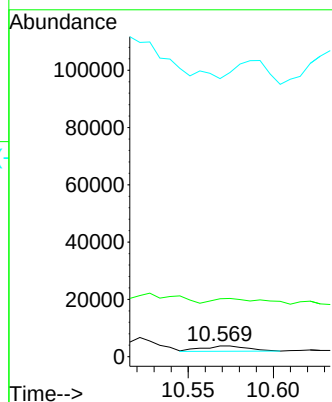
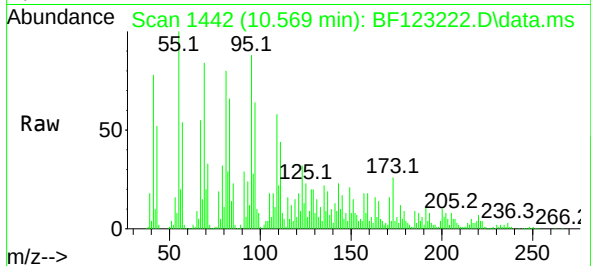




#65
4,6-Dinitro-2-methylphenol
Concen: 2.11 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.059 min
Lab File: BF123222.D
Acq: 17 Feb 2021 20:27

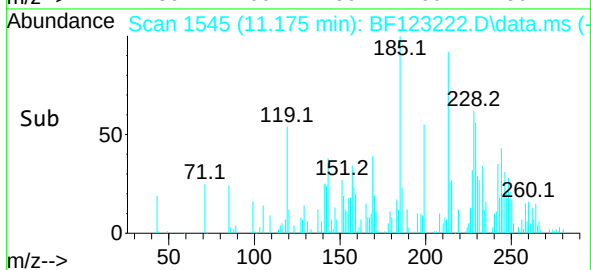
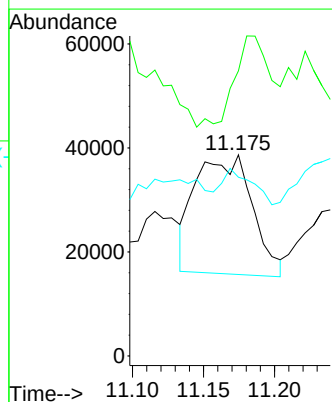
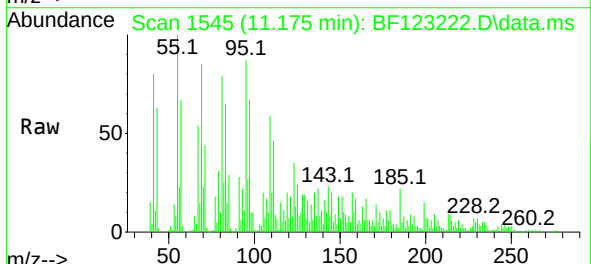
Instrument :
BNA_F
ClientSampleId :
T2284-393459

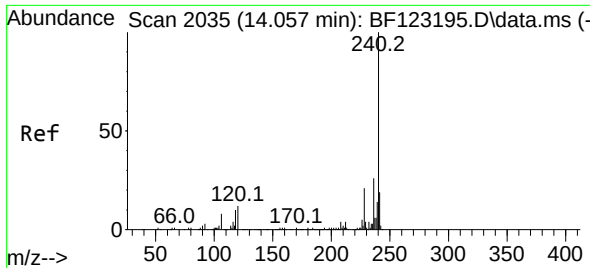
Tgt Ion:198 Resp: 3448
Ion Ratio Lower Upper
198 100
51 539.4 20.3 60.3#
105 2586.5 23.0 63.0#



#69
Atrazine
Concen: 24.60 ng
RT: 11.175 min Scan# 1545
Delta R.T. 0.071 min
Lab File: BF123222.D
Acq: 17 Feb 2021 20:27

Tgt Ion:200 Resp: 62882
Ion Ratio Lower Upper
200 100
173 141.8 6.6 46.6#
215 88.9 28.1 68.1#

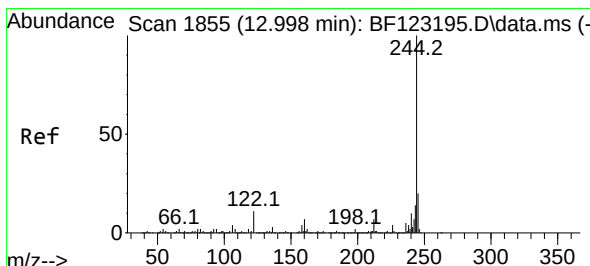
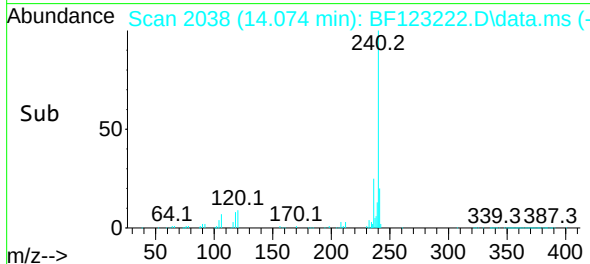
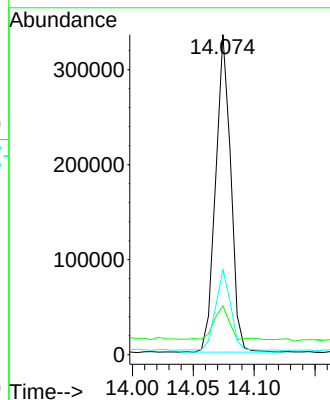
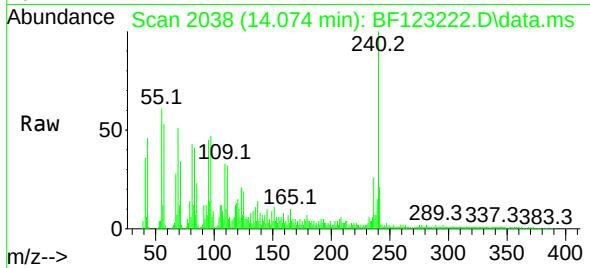




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.017 min
Lab File: BF123222.D
Acq: 17 Feb 2021 20:27

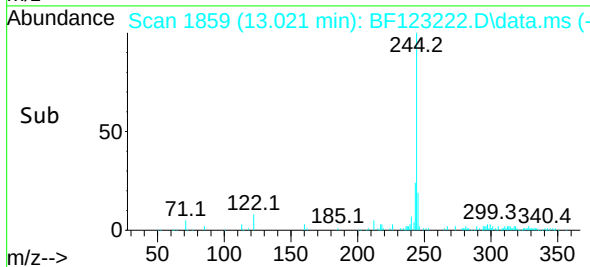
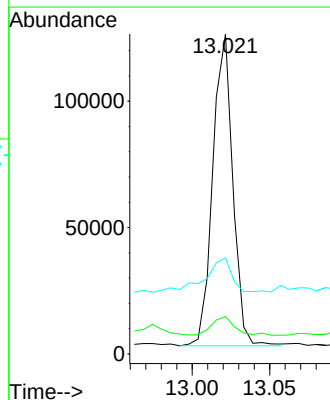
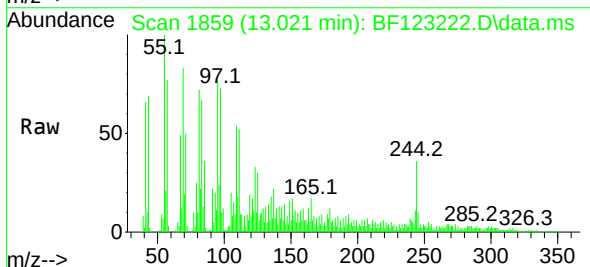
Instrument :
BNA_F
ClientSampleId :
T2284-393459

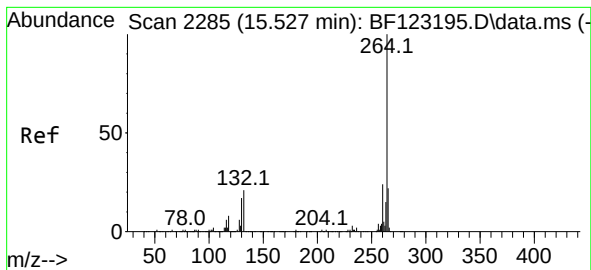
Tgt Ion:240 Resp: 289384
Ion Ratio Lower Upper
240 100
120 15.3 8.6 12.8#
236 26.5 20.3 30.5



#79
Terphenyl-d14
Concen: 7.68 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.024 min
Lab File: BF123222.D
Acq: 17 Feb 2021 20:27

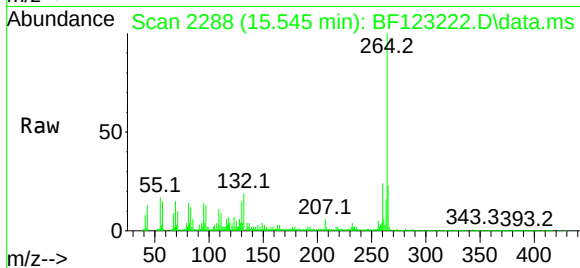
Tgt Ion:244 Resp: 110859
Ion Ratio Lower Upper
244 100
212 11.7 5.7 8.5#
122 29.9 8.3 12.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. 0.018 min
 Lab File: BF123222.D
 Acq: 17 Feb 2021 20:27

Instrument :
 BNA_F
 ClientSampleId :
 T2284-393459



Tgt Ion:	264	Resp:	328676
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	22.5	17.0	25.6

