

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071921\
 Data File : BF124616.D
 Acq On : 19 Jul 2021 16:24
 Operator : JU/CG
 Sample : PB137695TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB137695TB

Quant Time: Jul 19 17:08:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 19 11:33:09 2021
 Response via : Initial Calibration

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

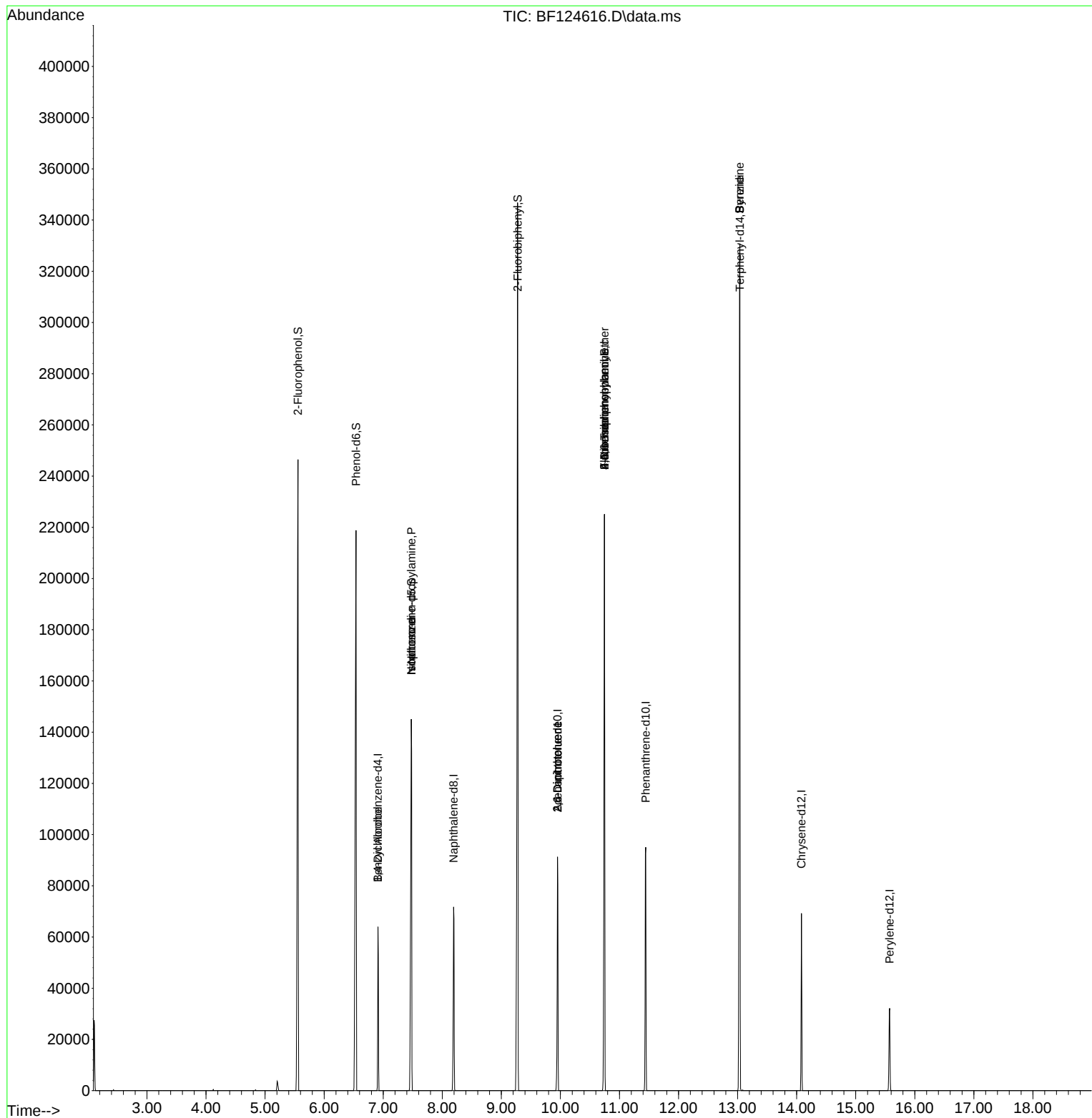
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	9761	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	39992	20.000	ng	#-0.01
39) Acenaphthene-d10	9.951	164	21173	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	38808	20.000	ng	# 0.00
76) Chrysene-d12	14.080	240	22867	20.000	ng	0.00
86) Perylene-d12	15.574	264	16962	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	77080	136.817	ng	0.02
7) Phenol-d6	6.540	99	90053	131.396	ng	0.00
23) Nitrobenzene-d5	7.475	82	58028	91.597	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	22659	137.523	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	131380	90.485	ng	0.00
79) Terphenyl-d14	13.039	244	133629	98.129	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	6.910	79	122	0.257	ng	# 35
19) n-Nitroso-di-n-propyla...	7.475	70	7841	20.349	ng	# 74
25) Isophorone	7.475	82	57765	49.670	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	3047	10.492	ng	# 26
57) 2,4-Dinitrotoluene	9.951	165	3047	7.664	ng	# 18
58) Fluorene	10.745	166	1171	0.818	ng	# 88
66) n-Nitrosodiphenylamine	10.745	169	784	0.620	ng	# 37
67) 4-Bromophenyl-phenylether	10.745	248	2059	5.131	ng	# 1
77) Benzidine	13.033	184	1934	2.262	ng	# 69
78) Pyrene	13.033	202	449	0.236	ng	# 59

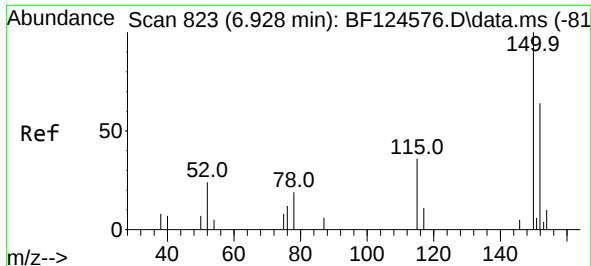
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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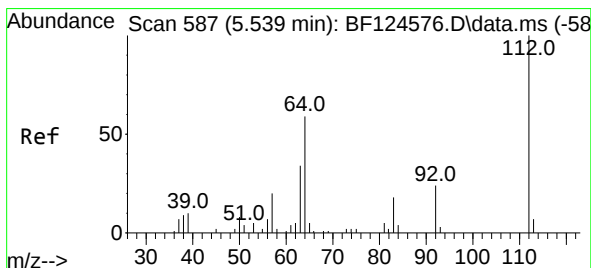
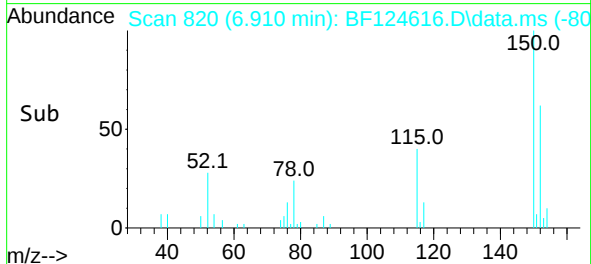
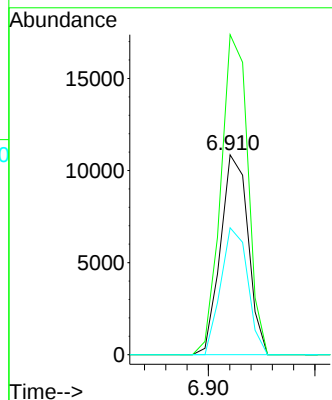
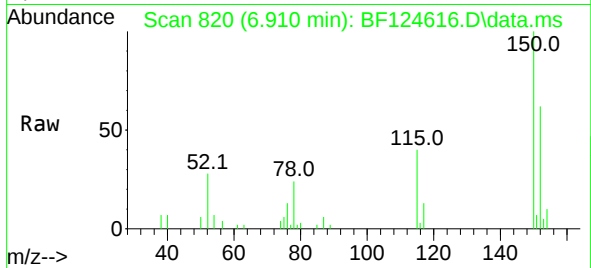




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF124616.D
Acq: 19 Jul 2021 16:24

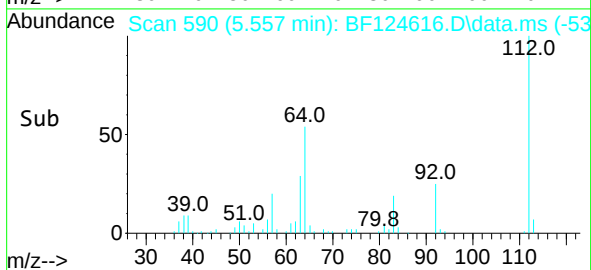
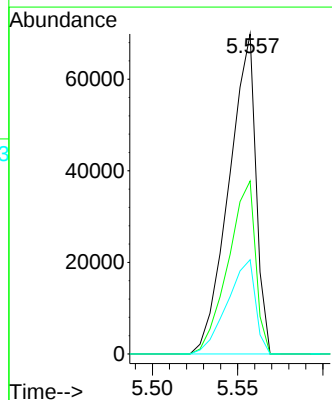
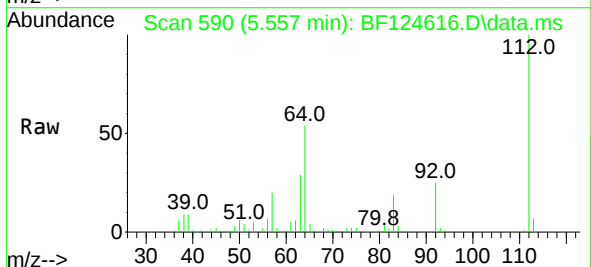
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BNA_F
ClientSampleId :
PB137695TB

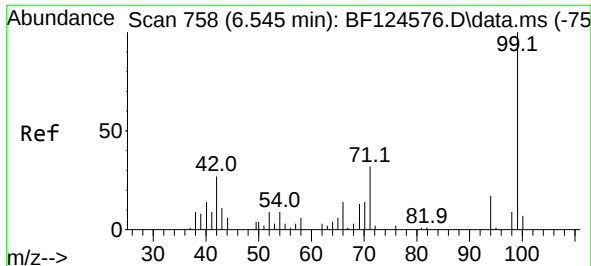
Tgt Ion:152 Resp: 9761
Ion Ratio Lower Upper
152 100
150 160.1 117.6 176.4
115 63.5 47.1 70.7



#5
2-Fluorophenol
Concen: 136.817 ng
RT: 5.557 min Scan# 590
Delta R.T. 0.024 min
Lab File: BF124616.D
Acq: 19 Jul 2021 16:24

Tgt Ion:112 Resp: 77080
Ion Ratio Lower Upper
112 100
64 54.1 44.2 66.2
63 29.5 26.2 39.2

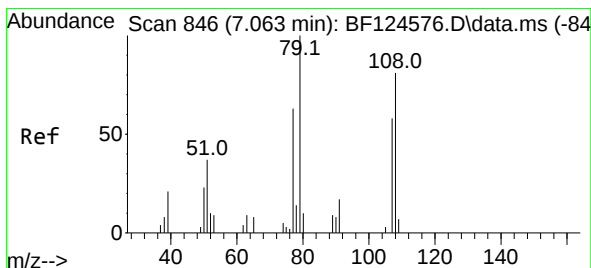
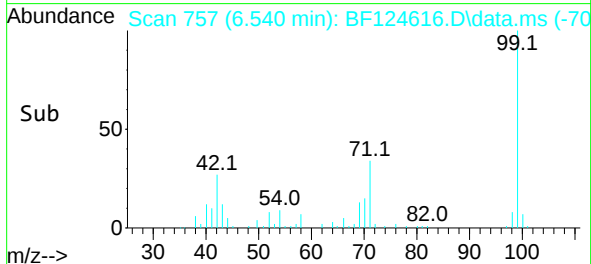
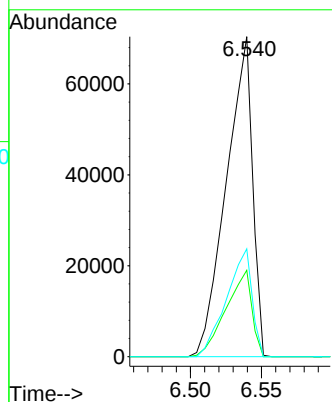
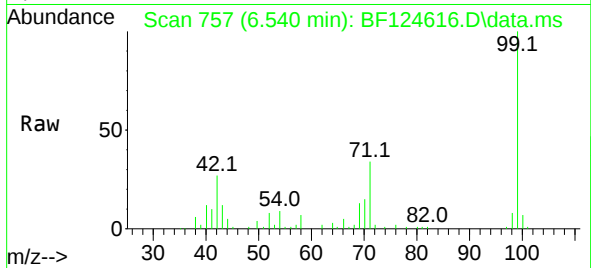




#7
Phenol-d6
Concen: 131.396 ng
RT: 6.540 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF124616.D
Acq: 19 Jul 2021 16:24

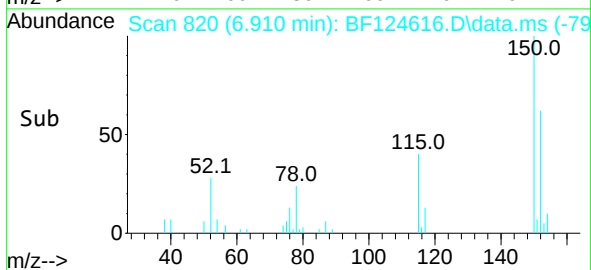
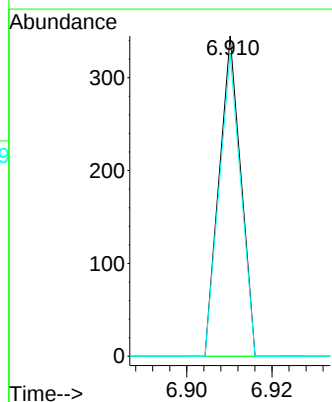
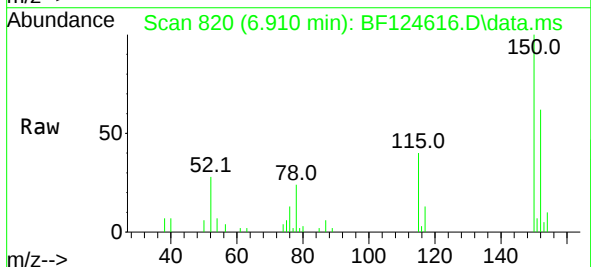
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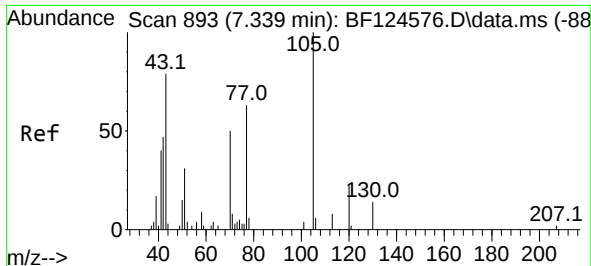
Tgt Ion:	99	Resp:	90053
Ion	Ratio	Lower	Upper
99	100		
42	27.0	23.5	35.3
71	33.7	25.6	38.4



#15
Benzyl Alcohol
Concen: 0.257 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.147 min
Lab File: BF124616.D
Acq: 19 Jul 2021 16:24

Tgt Ion:	79	Resp:	122
Ion	Ratio	Lower	Upper
79	100		
108	0.0	60.4	90.6#
77	94.5	51.5	77.3#

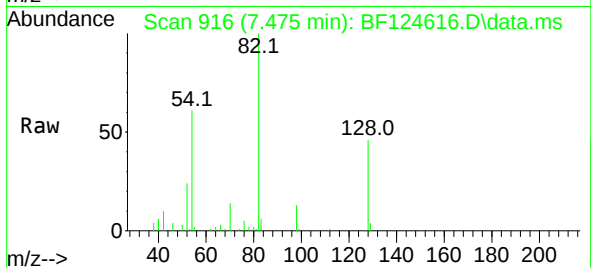




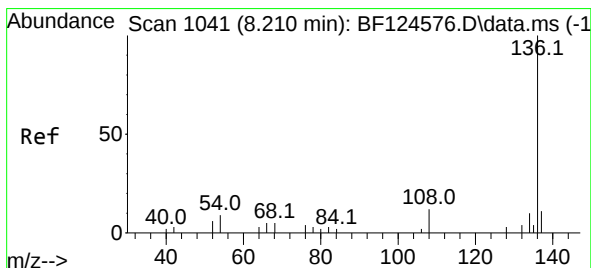
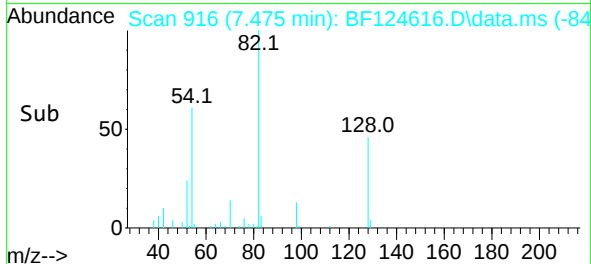
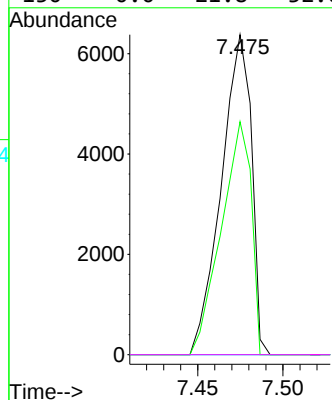
#19

n-Nitroso-di-n-propylamine
 Concen: 20.349 ng
 RT: 7.475 min Scan# 916
 Delta R.T. 0.141 min
 Lab File: BF124616.D
 Acq: 19 Jul 2021 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB137695TB

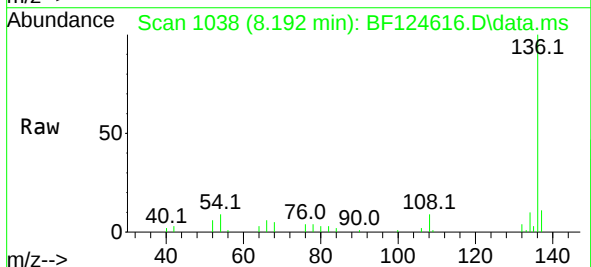


Tgt Ion: 70	Resp: 7841
Ion Ratio	Lower Upper
70 100	
42 72.8	72.2 108.2
101 0.0	7.8 11.8#
130 0.0	21.8 32.6#

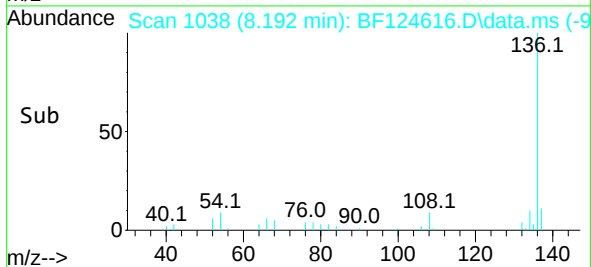
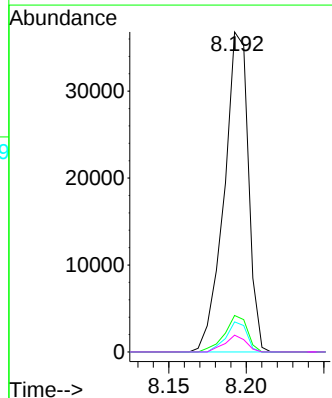


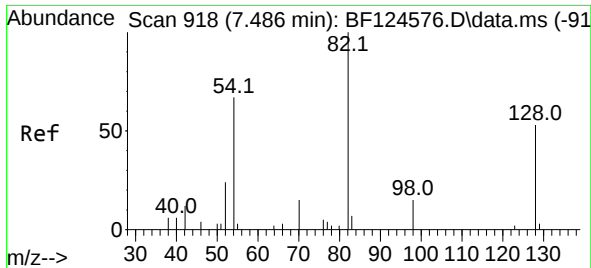
#21

Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.192 min Scan# 1038
 Delta R.T. -0.012 min
 Lab File: BF124616.D
 Acq: 19 Jul 2021 16:24



Tgt	Ion:136	Resp:	39992
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.8	14.6
54	9.4	6.4	9.6
68	5.3	3.3	4.9#

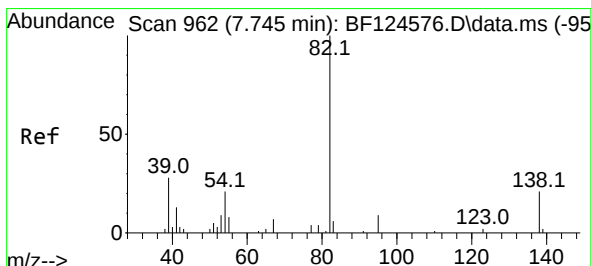
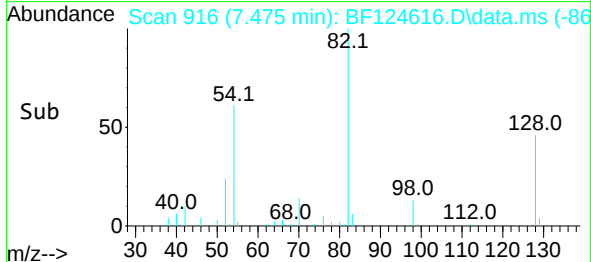
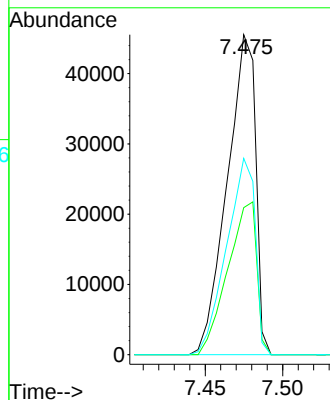
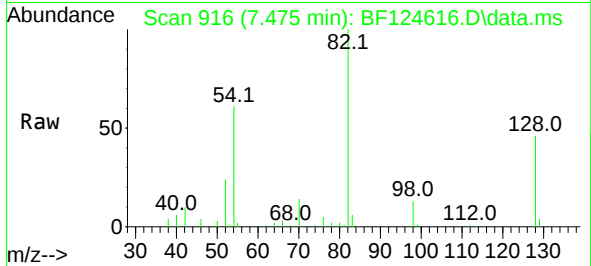




#23
Nitrobenzene-d5
Concen: 91.597 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.012 min
Lab File: BF124616.D
Acq: 19 Jul 2021 16:24

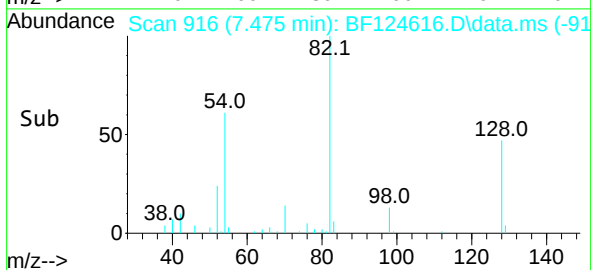
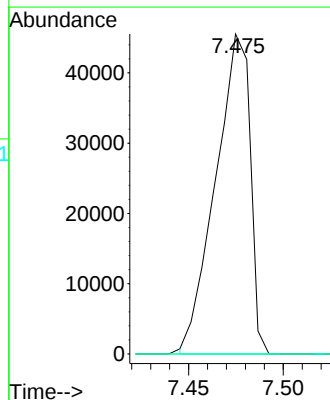
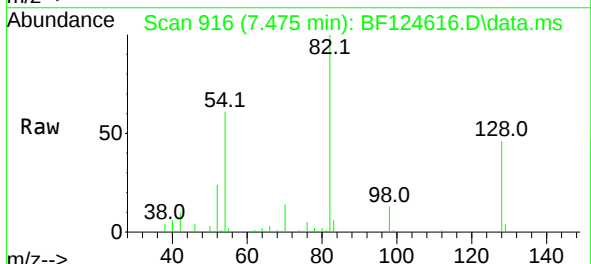
Instrument :
BNA_F
ClientSampleId :
PB137695TB

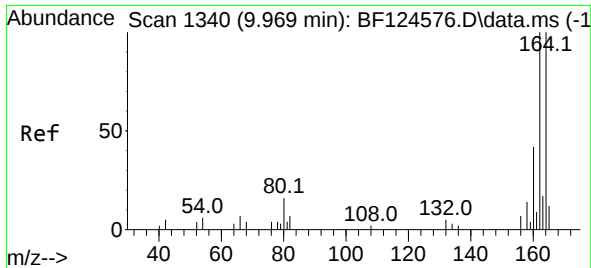
Tgt Ion: 82 Resp: 58028
Ion Ratio Lower Upper
82 100
128 46.0 40.6 60.8
54 61.3 49.6 74.4



#25
Isophorone
Concen: 49.670 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.270 min
Lab File: BF124616.D
Acq: 19 Jul 2021 16:24

Tgt Ion: 82 Resp: 57765
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

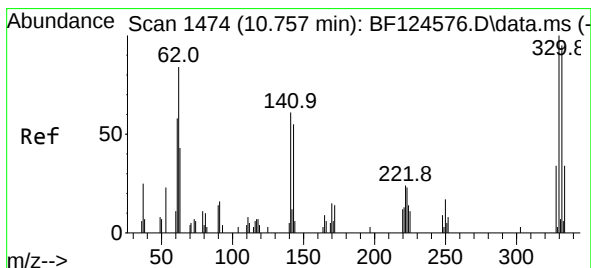
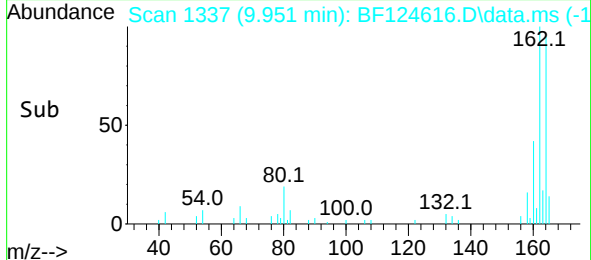
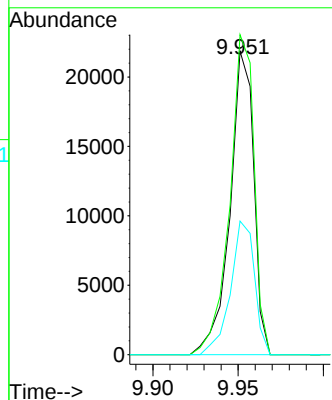
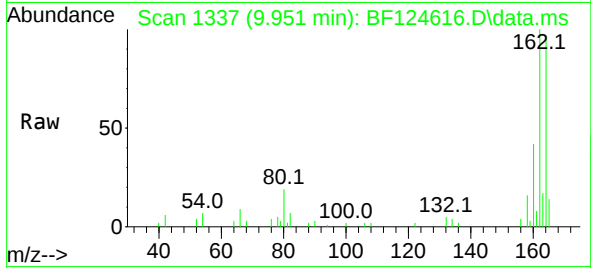




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF124616.D
Acq: 19 Jul 2021 16:24

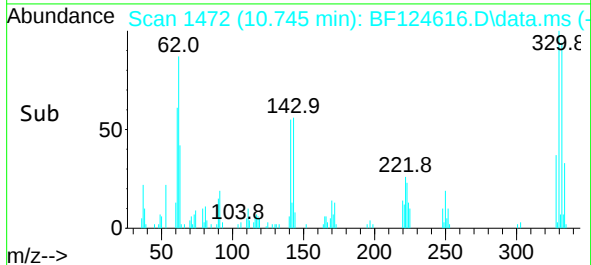
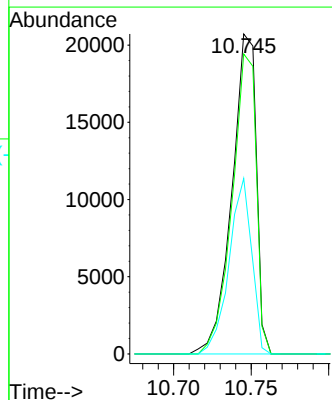
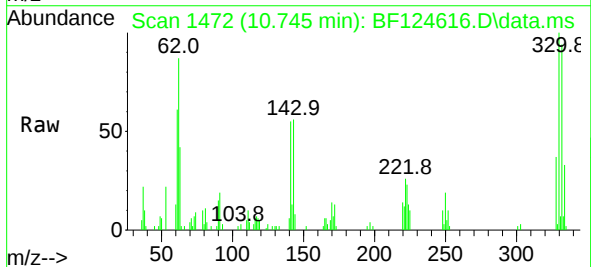
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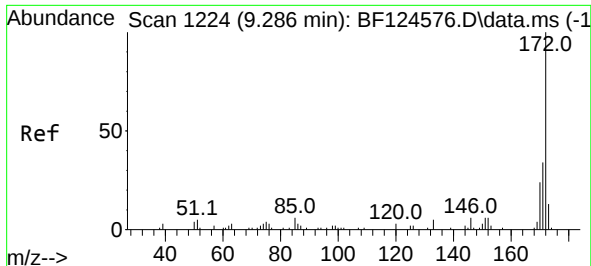
Tgt Ion:164 Resp: 21173
Ion Ratio Lower Upper
164 100
162 105.5 81.3 121.9
160 44.0 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 137.523 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BF124616.D
Acq: 19 Jul 2021 16:24

Tgt Ion:330 Resp: 22659
Ion Ratio Lower Upper
330 100
332 92.8 76.2 114.4
141 51.0 44.6 66.8

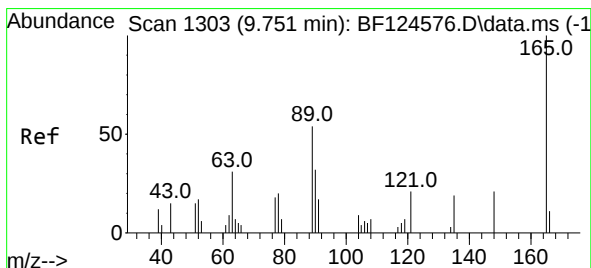
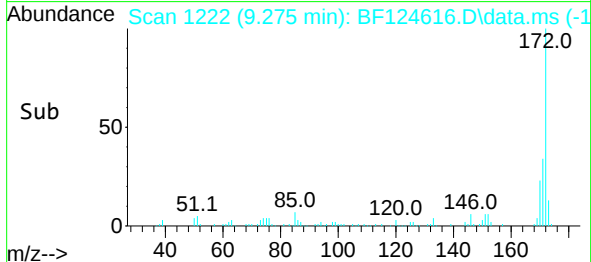
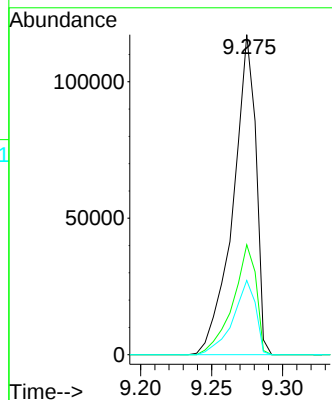
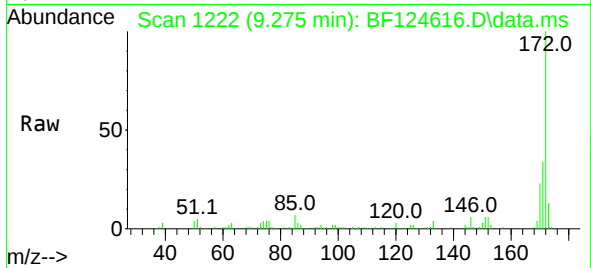




#45
2-Fluorobiphenyl
Concen: 90.485 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF124616.D
Acq: 19 Jul 2021 16:24

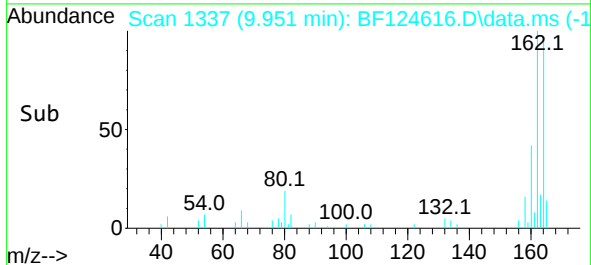
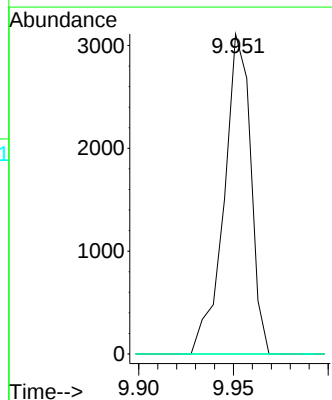
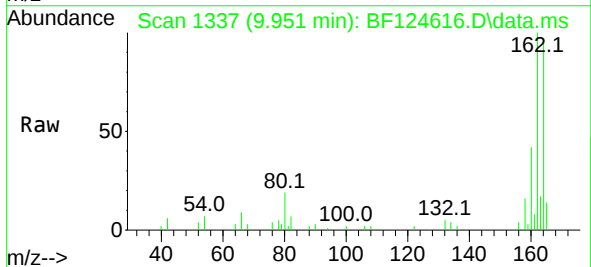
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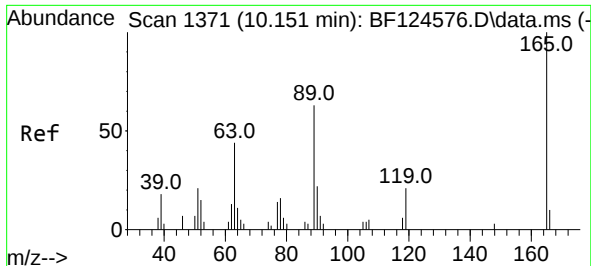
Tgt Ion:172 Resp: 131380
Ion Ratio Lower Upper
172 100
171 34.3 26.5 39.7
170 23.2 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 10.492 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.206 min
Lab File: BF124616.D
Acq: 19 Jul 2021 16:24

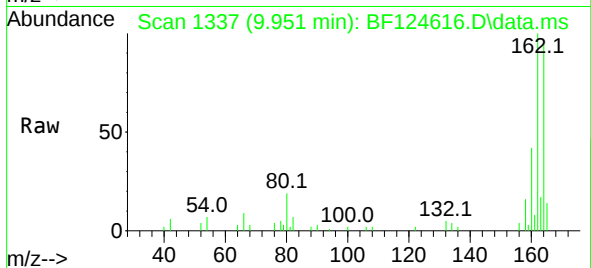
Tgt Ion:165 Resp: 3047
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



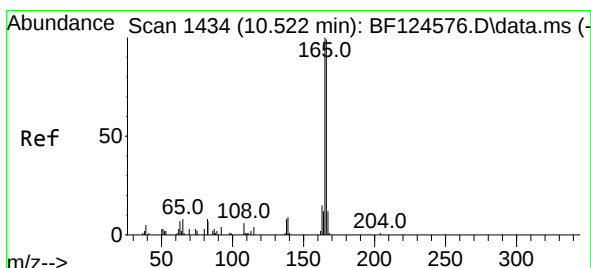
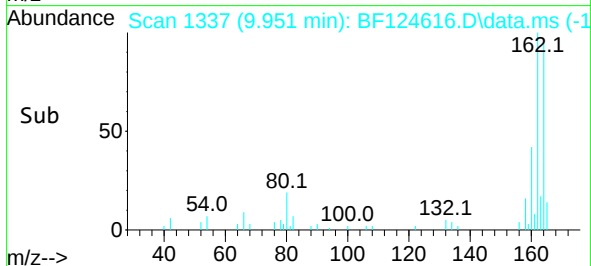
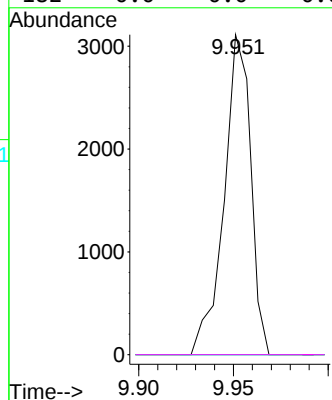


#57
2,4-Dinitrotoluene
Concen: 7.664 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.194 min
Lab File: BF124616.D
Acq: 19 Jul 2021 16:24

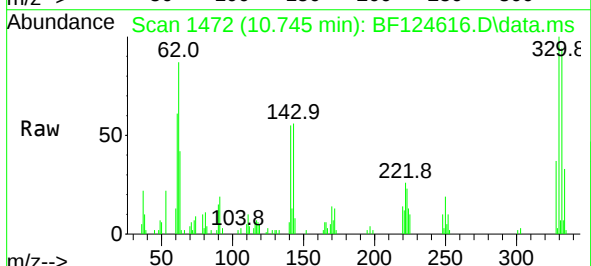
Instrument :
BNA_F
ClientSampleId :
PB137695TB



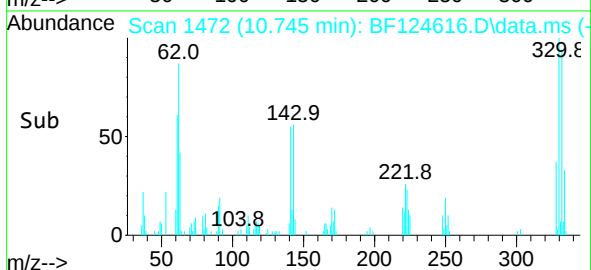
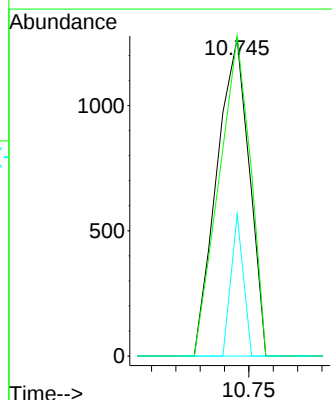
Tgt Ion:165 Resp: 3047
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

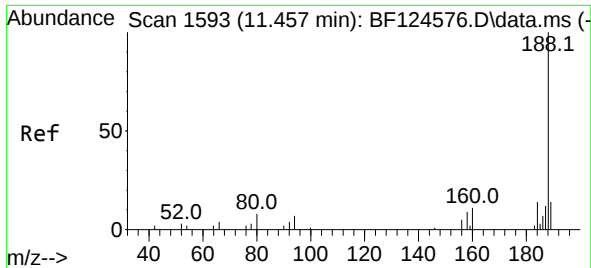


#58
Fluorene
Concen: 0.818 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.236 min
Lab File: BF124616.D
Acq: 19 Jul 2021 16:24



Tgt Ion:166 Resp: 1171
Ion Ratio Lower Upper
166 100
165 100.9 78.1 117.1
167 44.6 11.1 16.7#

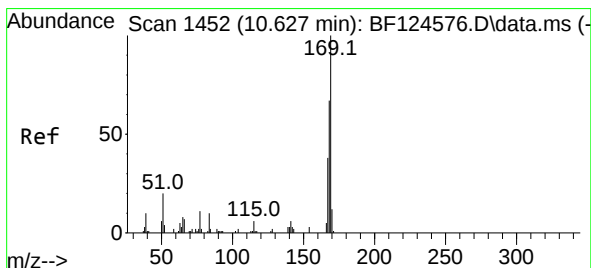
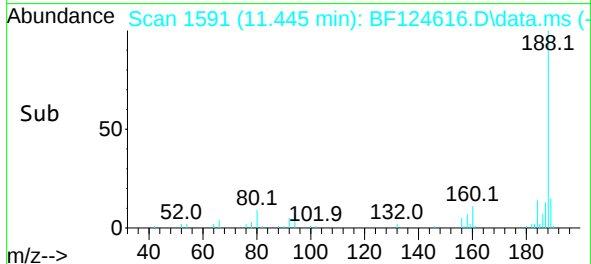
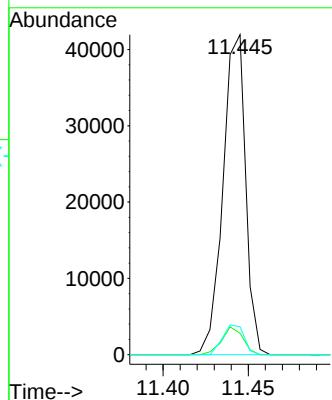
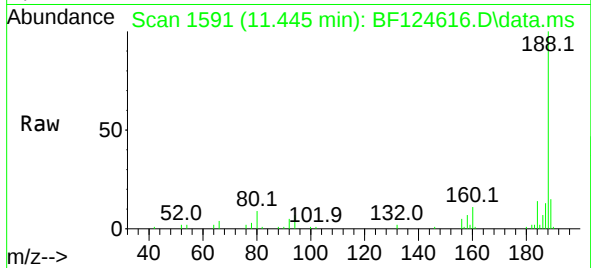




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF124616.D
Acq: 19 Jul 2021 16:24

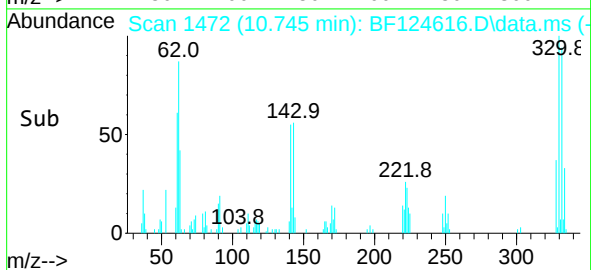
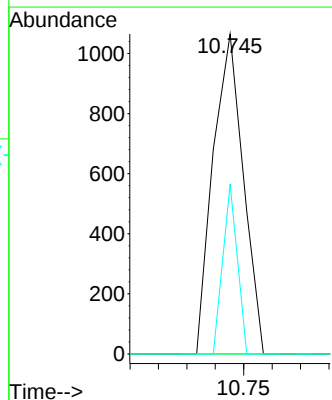
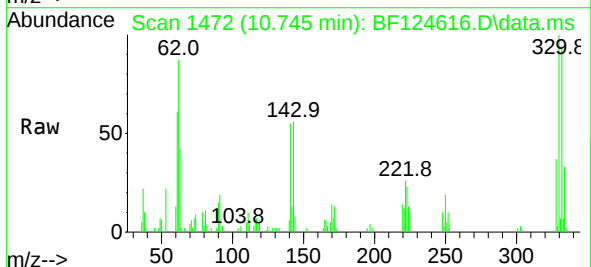
Instrument :
BNA_F
ClientSampleId :
PB137695TB

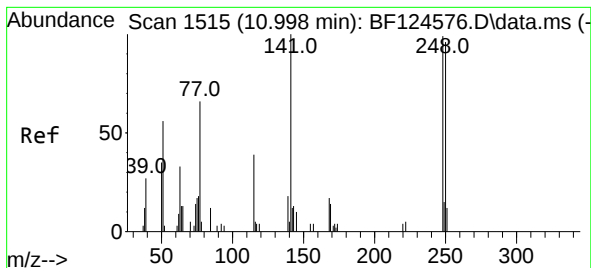
Tgt Ion:188 Resp: 38808
Ion Ratio Lower Upper
188 100
94 6.7 6.7 10.1#
80 8.8 7.5 11.3



#66
n-Nitrosodiphenylamine
Concen: 0.620 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.124 min
Lab File: BF124616.D
Acq: 19 Jul 2021 16:24

Tgt Ion:169 Resp: 784
Ion Ratio Lower Upper
169 100
168 0.0 50.8 76.2#
167 53.1 28.8 43.2#

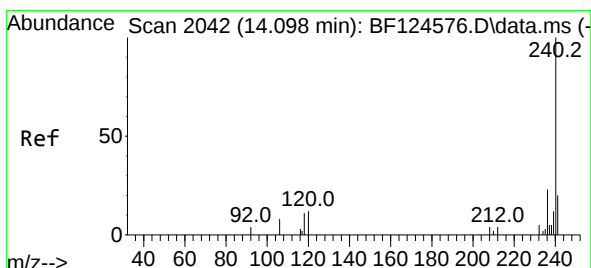
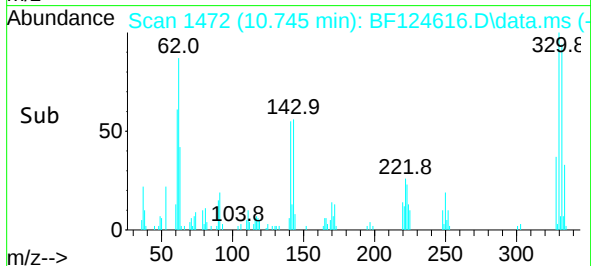
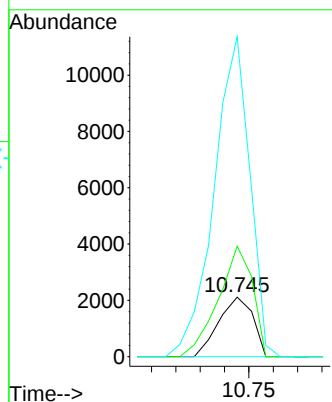
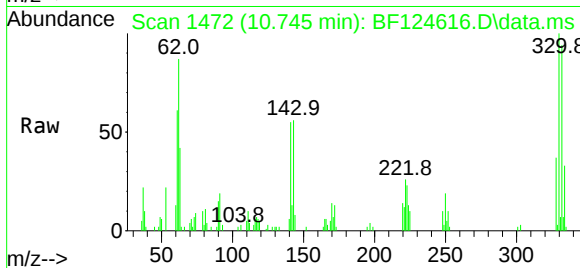




#67
4-Bromophenyl-phenylether
Concen: 5.131 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF124616.D
Acq: 19 Jul 2021 16:24

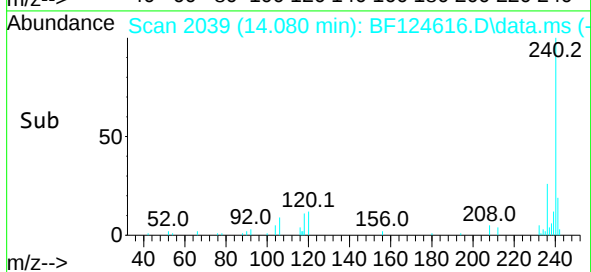
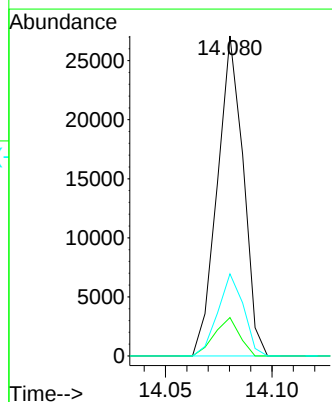
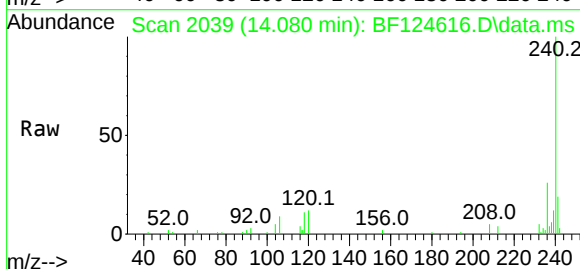
Instrument :
BNA_F
ClientSampleId :
PB137695TB

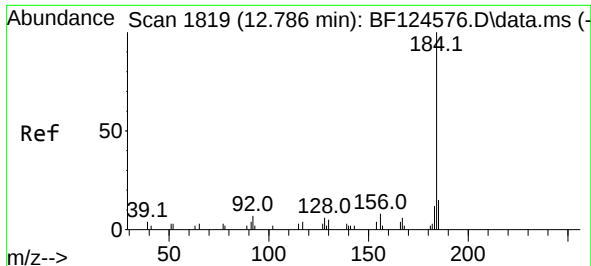
Tgt Ion:248 Resp: 2059
Ion Ratio Lower Upper
248 100
250 185.8 74.2 111.4#
141 538.0 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF124616.D
Acq: 19 Jul 2021 16:24

Tgt Ion:240 Resp: 22867
Ion Ratio Lower Upper
240 100
120 12.0 10.8 16.2
236 25.7 21.6 32.4

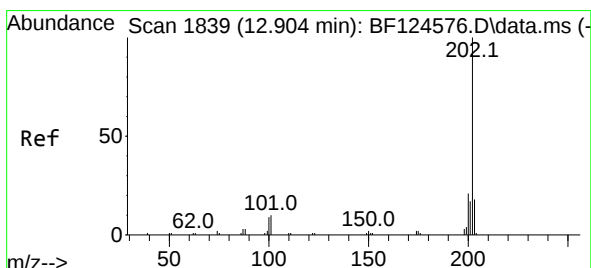
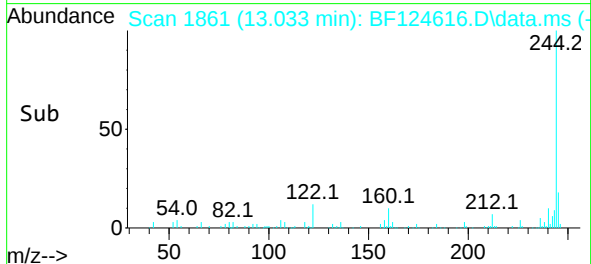
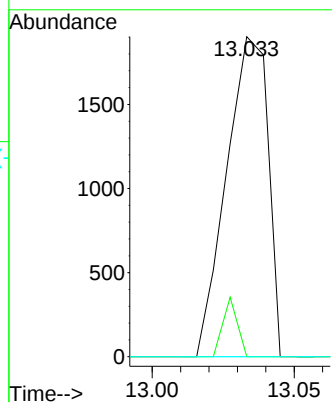
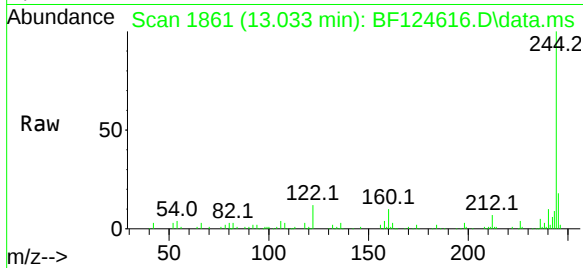




#77
Benzidine
Concen: 2.262 ng
RT: 13.033 min Scan# 1861
Delta R.T. 0.259 min
Lab File: BF124616.D
Acq: 19 Jul 2021 16:24

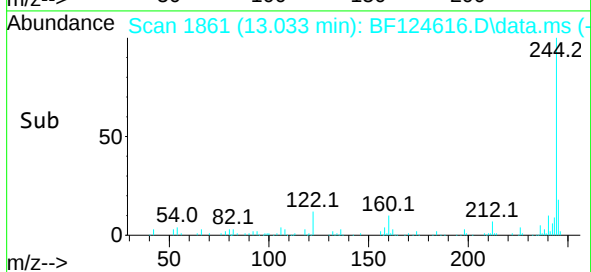
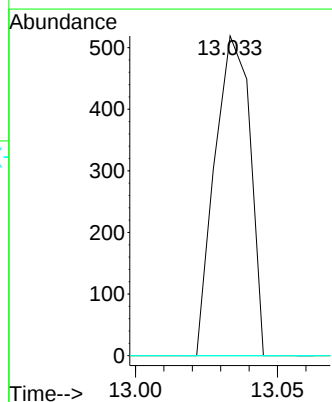
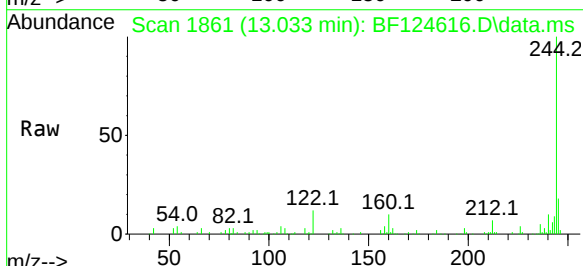
Instrument :
BNA_F
ClientSampleId :
PB137695TB

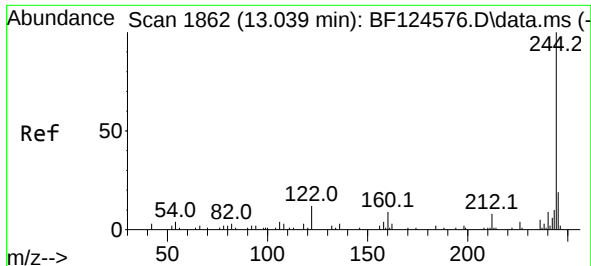
Tgt Ion:184 Resp: 1934
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#



#78
Pyrene
Concen: 0.236 ng
RT: 13.033 min Scan# 1861
Delta R.T. 0.141 min
Lab File: BF124616.D
Acq: 19 Jul 2021 16:24

Tgt Ion:202 Resp: 449
Ion Ratio Lower Upper
202 100
200 0.0 15.3 22.9#
203 0.0 13.4 20.0#

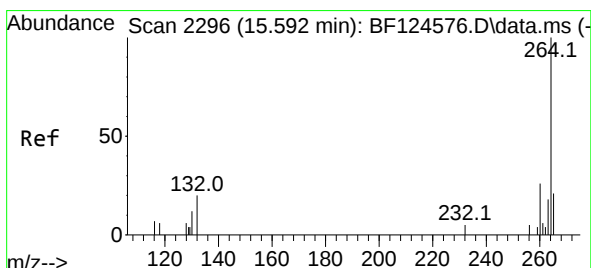
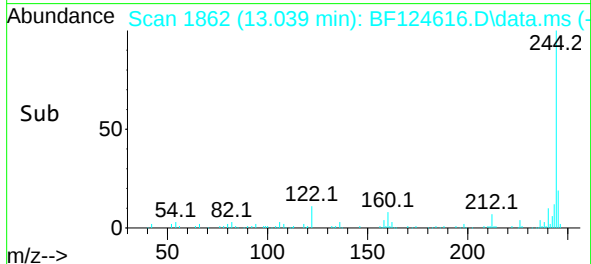
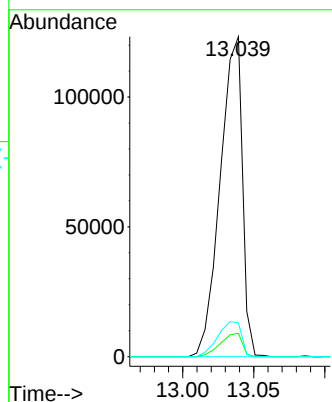
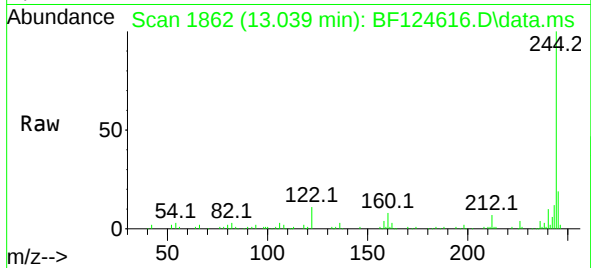




#79
 Terphenyl-d14
 Concen: 98.129 ng
 RT: 13.039 min Scan# 1862
 Delta R.T. 0.006 min
 Lab File: BF124616.D
 Acq: 19 Jul 2021 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB137695TB

Tgt Ion:244 Resp: 133629
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 10.6 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2293
 Delta R.T. 0.006 min
 Lab File: BF124616.D
 Acq: 19 Jul 2021 16:24

Tgt Ion:264 Resp: 16962
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 21.9 17.2 25.8

