

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060821\
 Data File : BF124175.D
 Acq On : 8 Jun 2021 12:09
 Operator : JU/CG
 Sample : M2613-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18-B12(90-94)

Quant Time: Jun 08 12:46:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 07 13:32:21 2021
 Response via : Initial Calibration

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

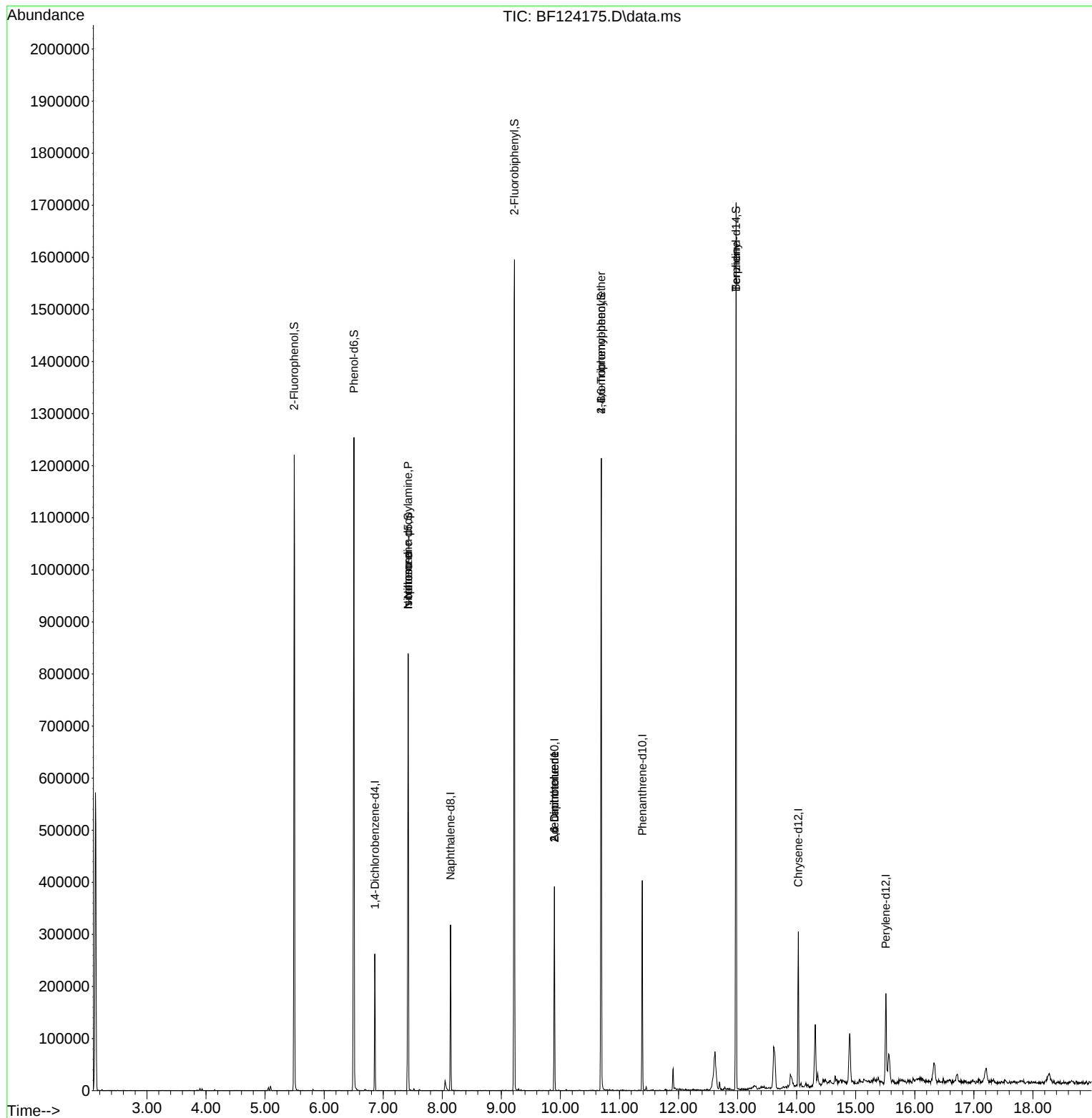
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	29142	20.000	ng	-0.01
21) Naphthalene-d8	8.140	136	114573	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	68114	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	131103	20.000	ng	# 0.00
76) Chrysene-d12	14.027	240	89035	20.000	ng	0.00
86) Perylene-d12	15.510	264	74224	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	266379	137.599	ng	0.00
7) Phenol-d6	6.504	99	335281	128.847	ng	0.00
23) Nitrobenzene-d5	7.422	82	250404	86.681	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	125890	130.455	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	468878	86.622	ng	0.00
79) Terphenyl-d14	12.974	244	469459	72.393	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.422	70	34283	18.663	ng	# 68
25) Isophorone	7.422	82	250399	48.102	ng	# 69
51) 2,6-Dinitrotoluene	9.898	165	8766	6.784	ng	# 11
57) 2,4-Dinitrotoluene	9.898	165	8766	5.144	ng	# 17
67) 4-Bromophenyl-phenylether	10.692	248	8715	4.843	ng	# 1
77) Benzidine	12.974	184	9071	8.062	ng	97

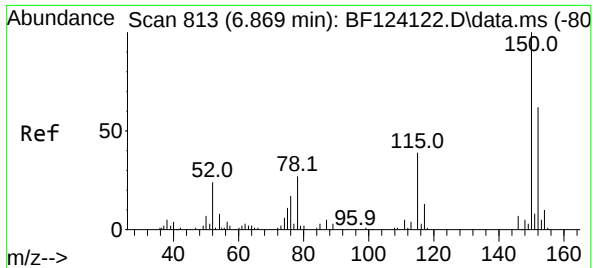
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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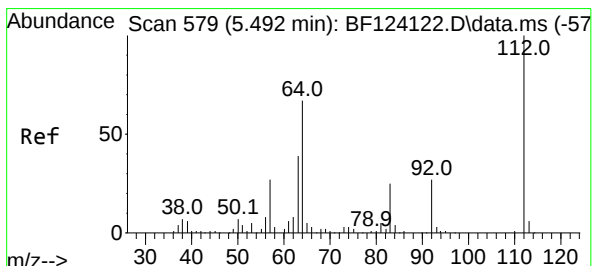
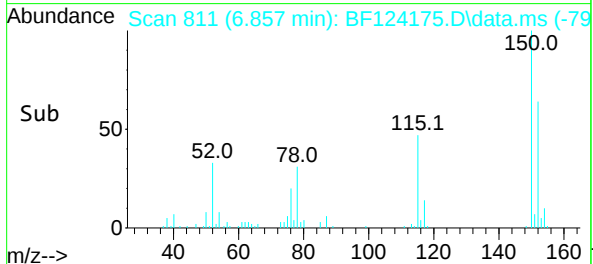
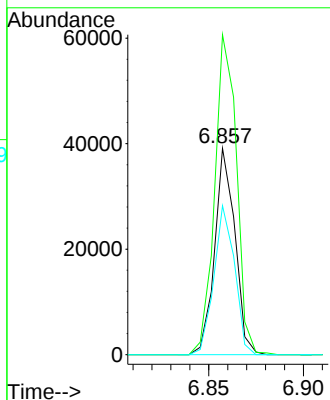
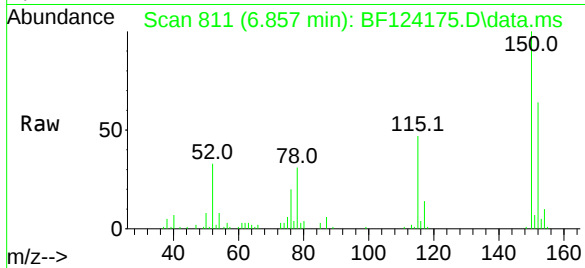




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF124175.D
Acq: 8 Jun 2021 12:09

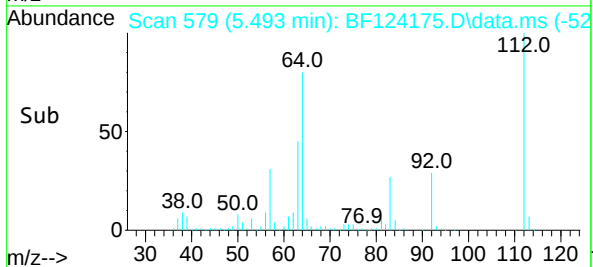
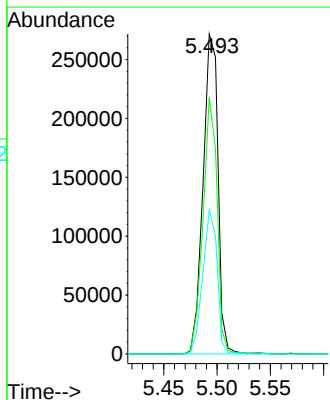
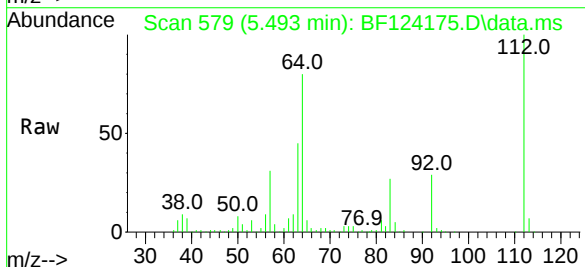
Instrument :
BNA_F
ClientSampleId :
18-B12(90-94)

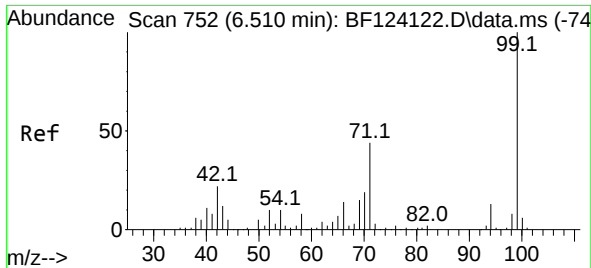
Tgt Ion:152 Resp: 29142
Ion Ratio Lower Upper
152 100
150 155.1 127.0 190.6
115 72.2 54.3 81.5



#5
2-Fluorophenol
Concen: 137.599 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF124175.D
Acq: 8 Jun 2021 12:09

Tgt Ion:112 Resp: 266379
Ion Ratio Lower Upper
112 100
64 80.0 61.4 92.0
63 45.0 33.0 49.4

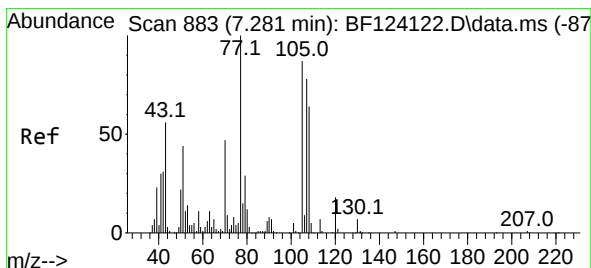
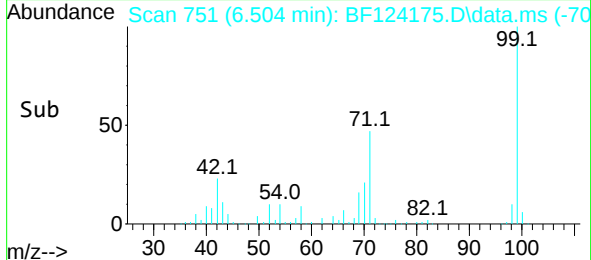
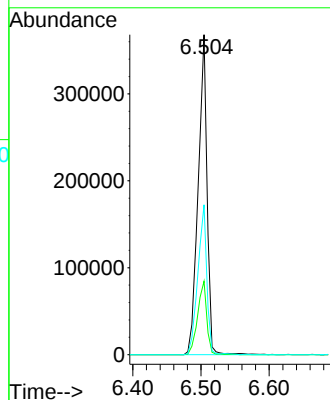
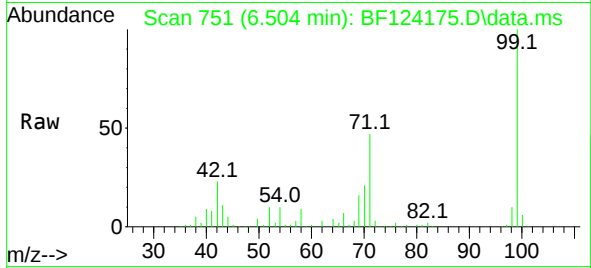




#7
Phenol-d6
Concen: 128.847 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF124175.D
Acq: 8 Jun 2021 12:09

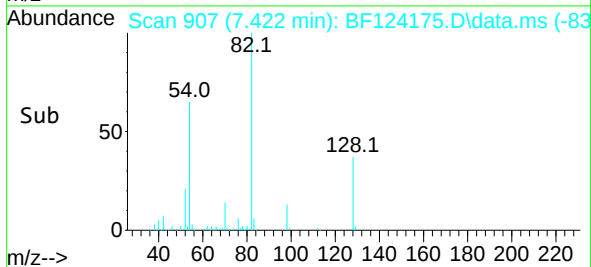
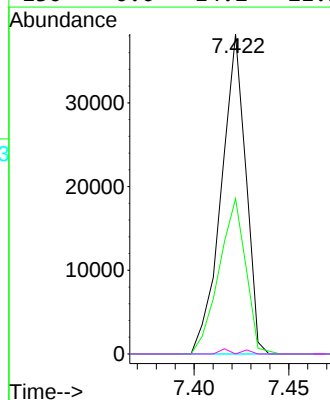
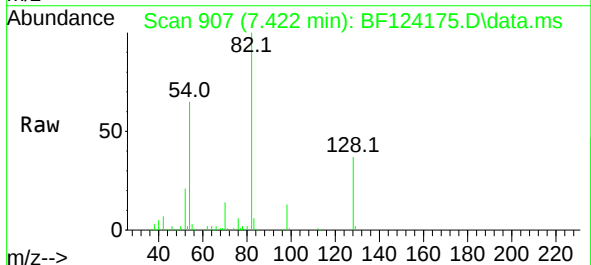
Instrument :
BNA_F
ClientSampleId :
18-B12(90-94)

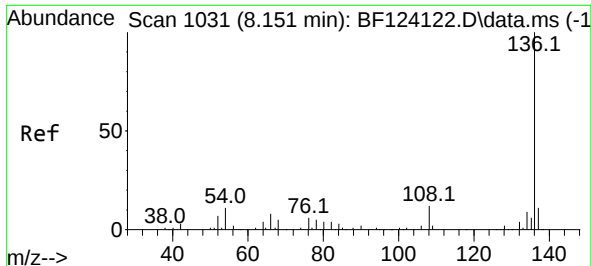
Tgt Ion: 99 Resp: 335281
Ion Ratio Lower Upper
99 100
42 23.0 19.8 29.8
71 46.9 31.1 46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 18.663 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF124175.D
Acq: 8 Jun 2021 12:09

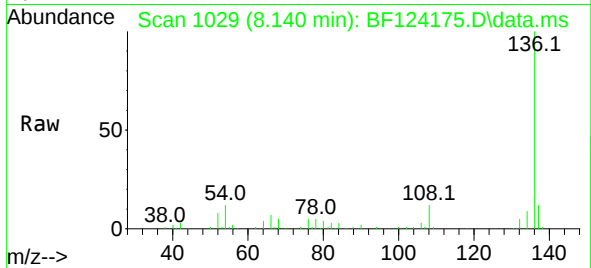
Tgt Ion: 70 Resp: 34283
Ion Ratio Lower Upper
70 100
42 48.6 60.1 90.1#
101 0.0 7.4 11.2#
130 0.0 14.2 21.2#



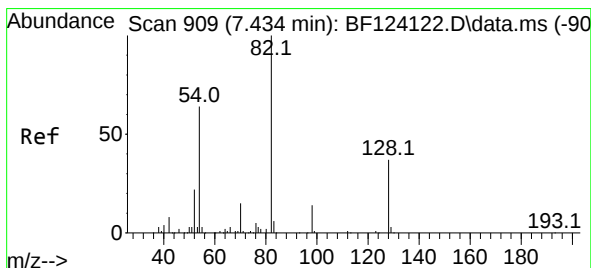
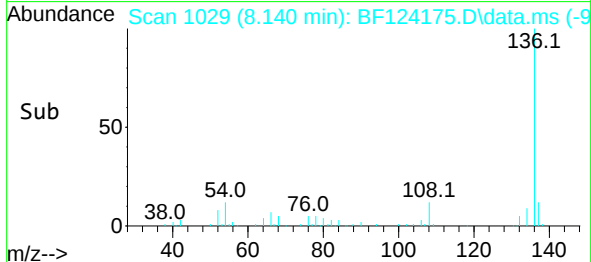
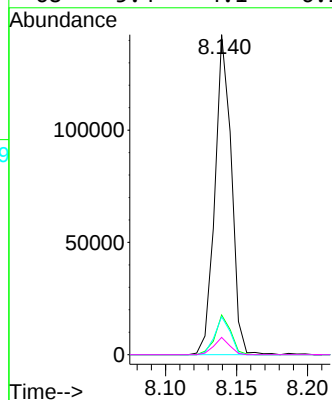


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF124175.D
Acq: 8 Jun 2021 12:09

Instrument :
BNA_F
ClientSampleId :
18-B12(90-94)

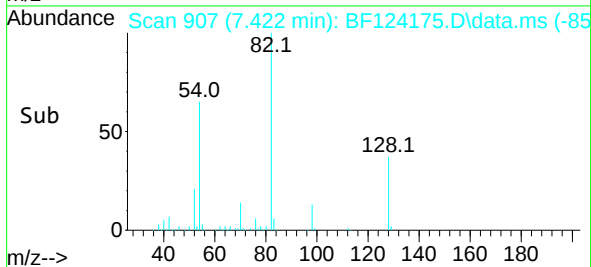
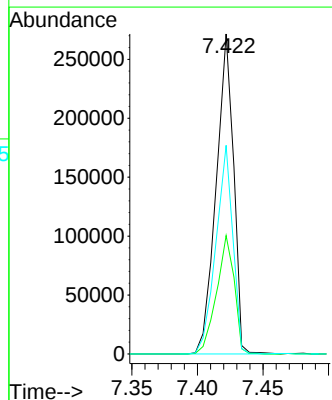
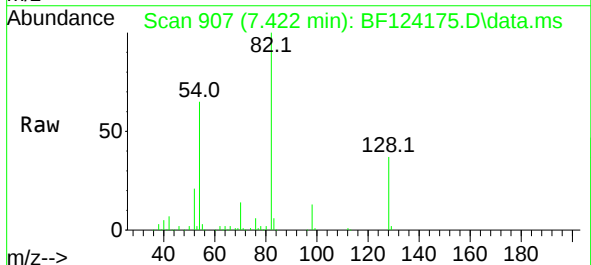


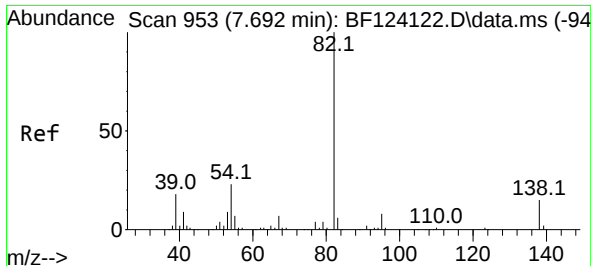
Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.4	8.7	13.1
54	11.9	9.8	14.6
68	5.4	4.1	6.1



#23
Nitrobenzene-d5
Concen: 86.681 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF124175.D
Acq: 8 Jun 2021 12:09

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.0	29.4	44.2
54	65.2	54.1	81.1

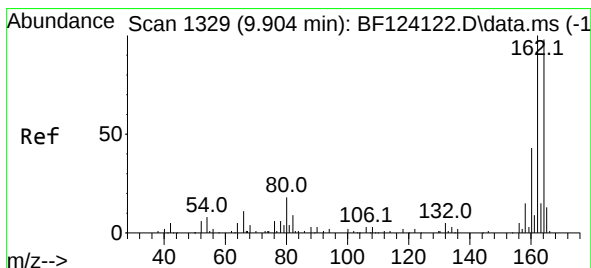
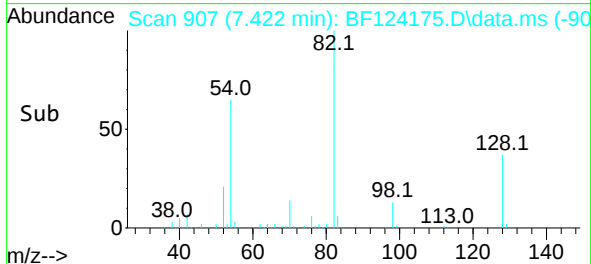
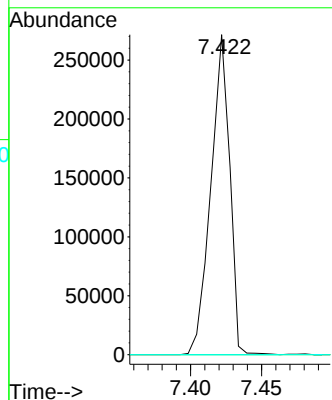
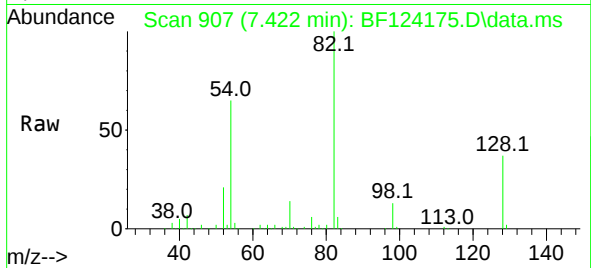




#25
Isophorone
Concen: 48.102 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.270 min
Lab File: BF124175.D
Acq: 8 Jun 2021 12:09

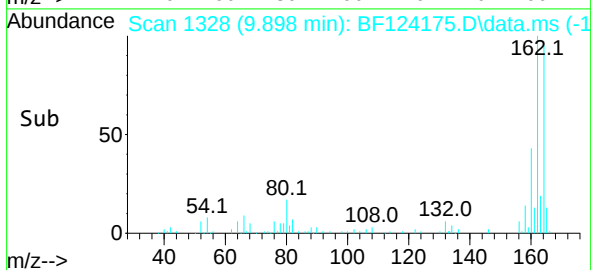
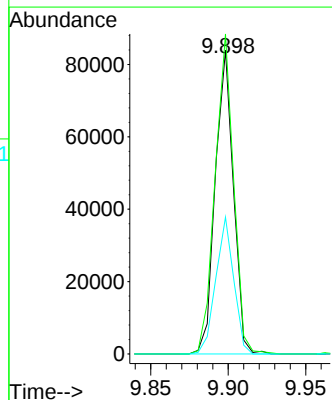
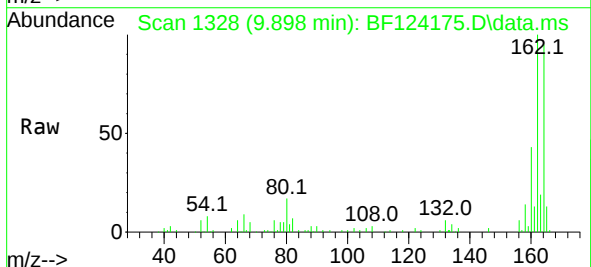
Instrument :
BNA_F
ClientSampleId :
18-B12(90-94)

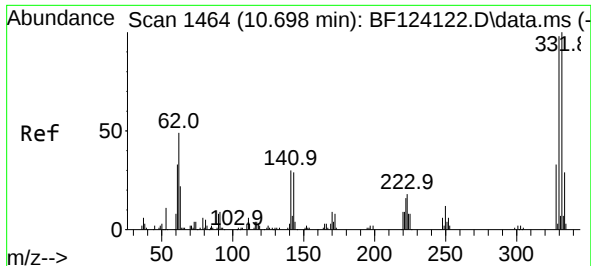
Tgt Ion: 82 Resp: 250399
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF124175.D
Acq: 8 Jun 2021 12:09

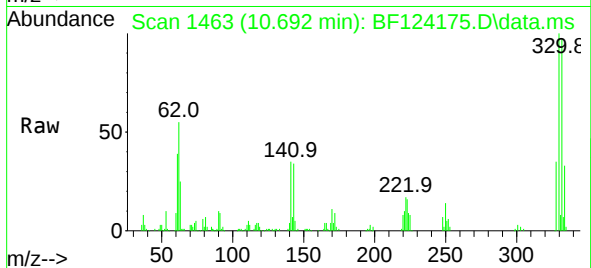
Tgt Ion:164 Resp: 68114
Ion Ratio Lower Upper
164 100
162 105.4 80.7 121.1
160 45.1 37.3 55.9



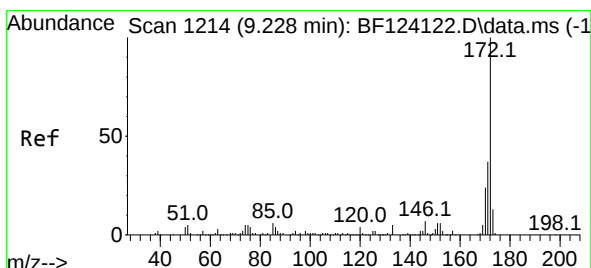
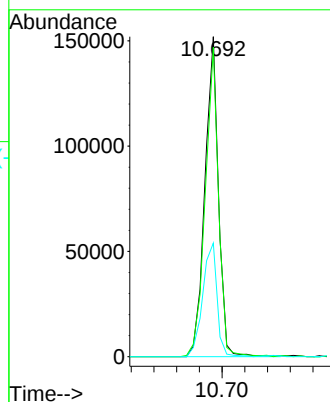
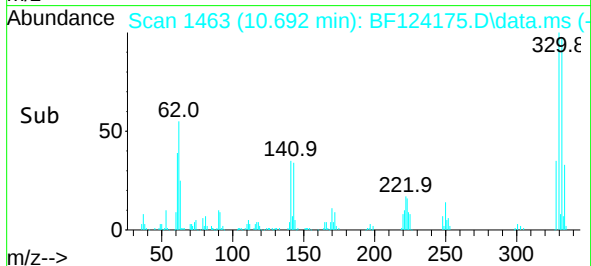


#42
2,4,6-Tribromophenol
Concen: 130.455 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF124175.D
Acq: 8 Jun 2021 12:09

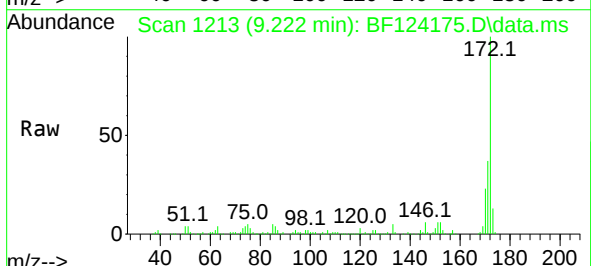
Instrument :
BNA_F
ClientSampleId :
18-B12(90-94)



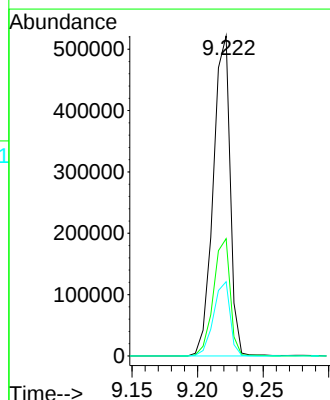
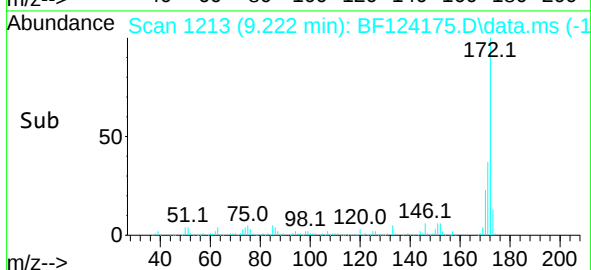
Tgt Ion: 330 Resp: 125890
Ion Ratio Lower Upper
330 100
332 95.0 77.1 115.7
141 37.6 27.9 41.9

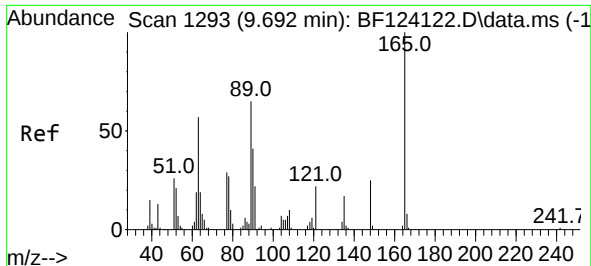


#45
2-Fluorobiphenyl
Concen: 86.622 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF124175.D
Acq: 8 Jun 2021 12:09



Tgt Ion: 172 Resp: 468878
Ion Ratio Lower Upper
172 100
171 36.7 28.1 42.1
170 23.2 19.2 28.8

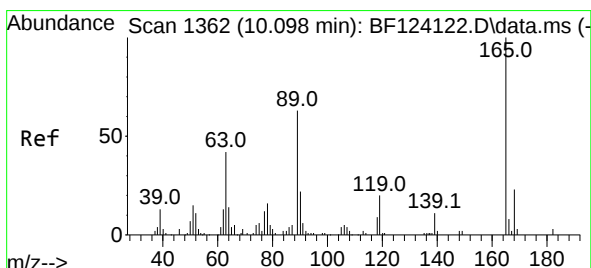
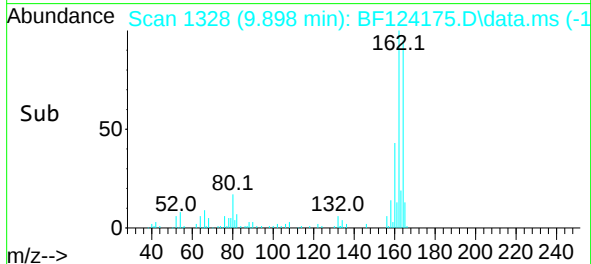
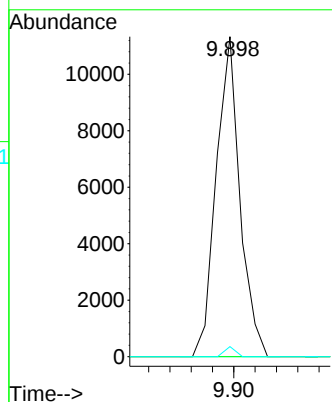
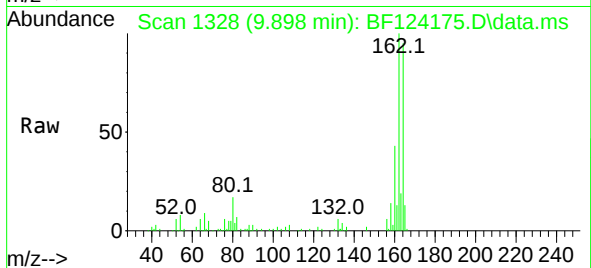




#51
2,6-Dinitrotoluene
Concen: 6.784 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.206 min
Lab File: BF124175.D
Acq: 8 Jun 2021 12:09

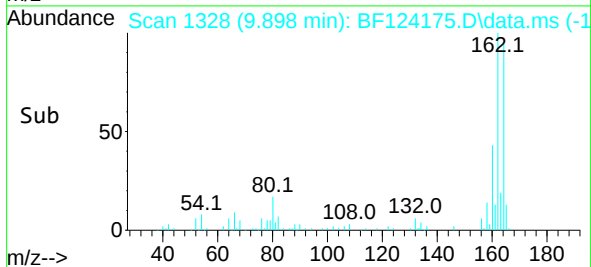
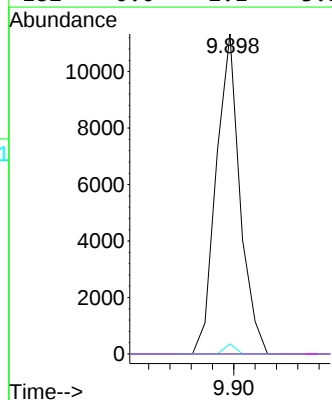
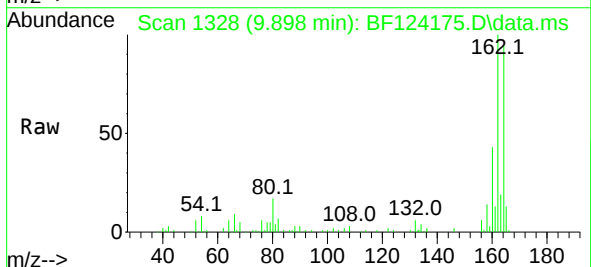
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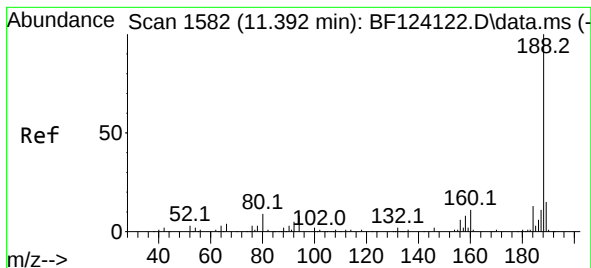
Tgt Ion:165 Resp: 8766
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 3.2 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.144 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF124175.D
Acq: 8 Jun 2021 12:09

Tgt Ion:165 Resp: 8766
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 3.2 67.7 101.5#
182 0.0 2.1 3.1#

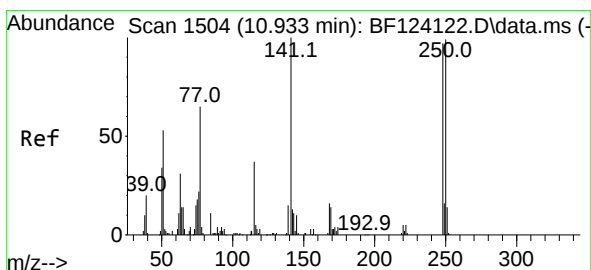
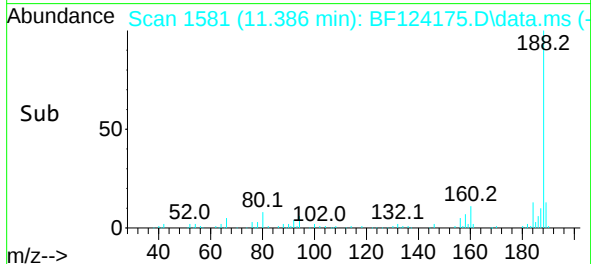
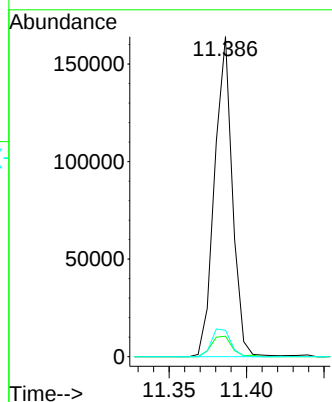
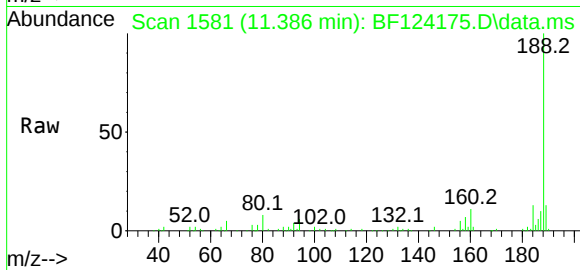




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF124175.D
Acq: 8 Jun 2021 12:09

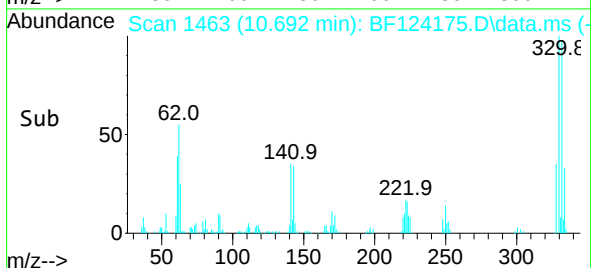
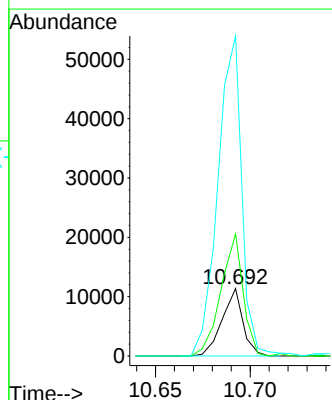
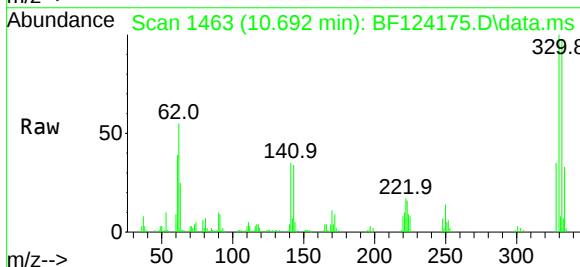
Instrument :
BNA_F
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18-B12(90-94)

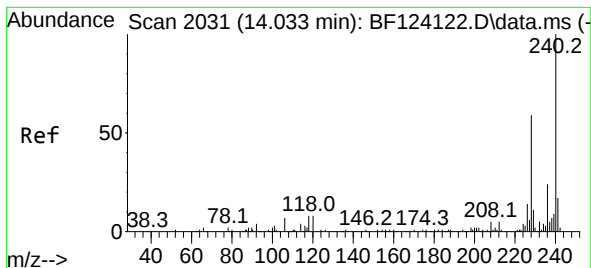
Tgt Ion:188 Resp: 131103
Ion Ratio Lower Upper
188 100
94 6.4 6.9 10.3#
80 8.3 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.843 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.241 min
Lab File: BF124175.D
Acq: 8 Jun 2021 12:09

Tgt Ion:248 Resp: 8715
Ion Ratio Lower Upper
248 100
250 181.1 77.4 116.2#
141 475.1 63.7 95.5#

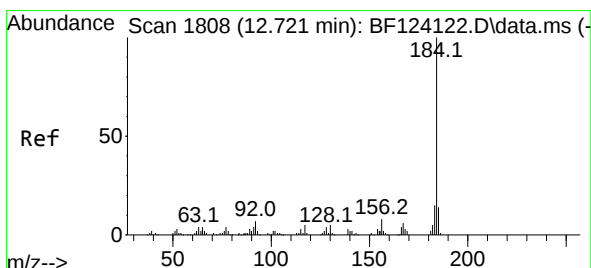
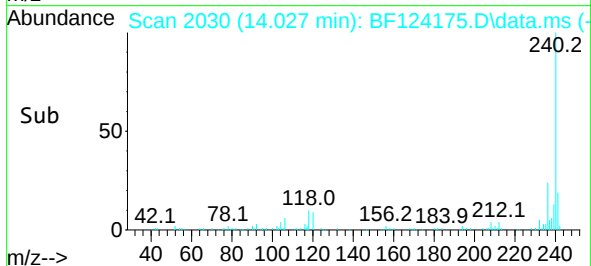
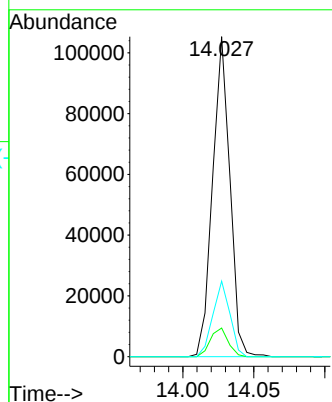
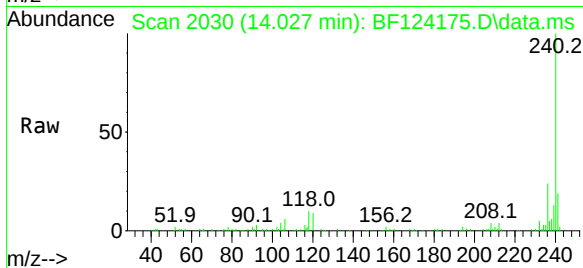




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF124175.D
Acq: 8 Jun 2021 12:09

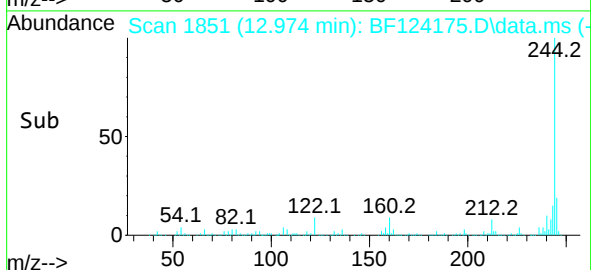
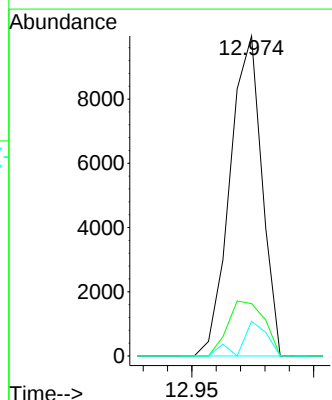
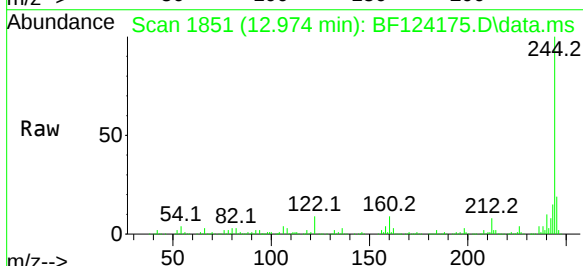
Instrument :
BNA_F
ClientSampleId :
18-B12(90-94)

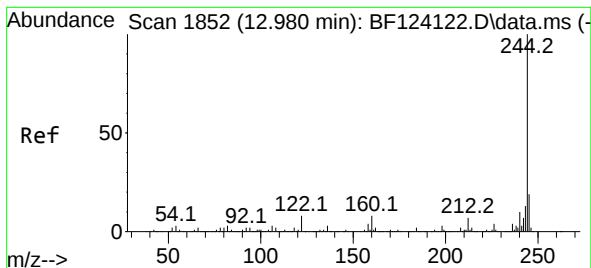
Tgt Ion:240 Resp: 89035
Ion Ratio Lower Upper
240 100
120 8.9 7.2 10.8
236 23.6 19.0 28.4



#77
Benzidine
Concen: 8.062 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.253 min
Lab File: BF124175.D
Acq: 8 Jun 2021 12:09

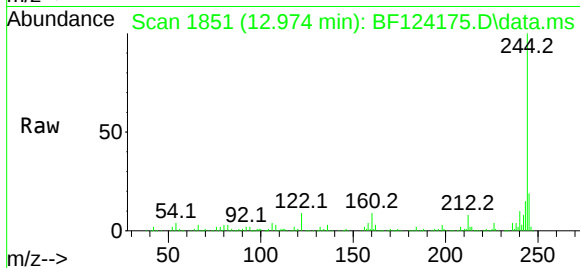
Tgt Ion:184 Resp: 9071
Ion Ratio Lower Upper
184 100
185 16.4 12.1 18.1
183 10.8 7.8 11.8



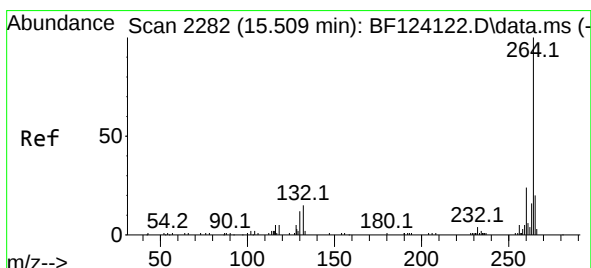
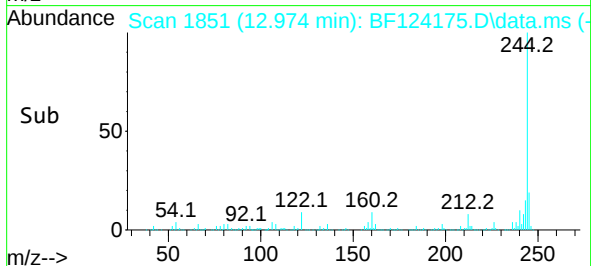
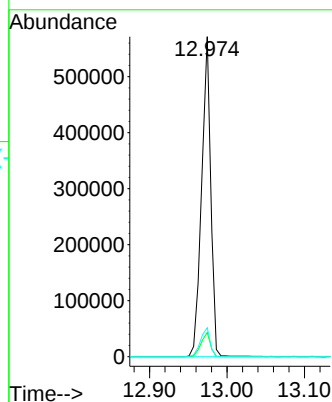


#79
 Terphenyl-d14
 Concen: 72.393 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF124175.D
 Acq: 8 Jun 2021 12:09

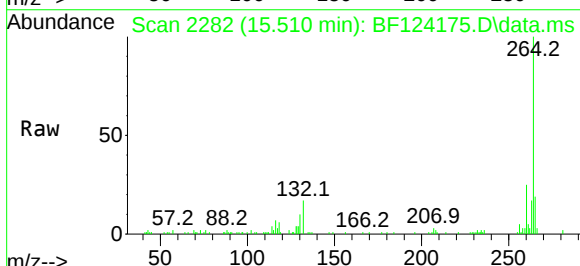
Instrument :
 BNA_F
 ClientSampleId :
 18-B12(90-94)



Tgt Ion:244 Resp: 469459
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 9.1 9.7 14.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2282
 Delta R.T. 0.001 min
 Lab File: BF124175.D
 Acq: 8 Jun 2021 12:09



Tgt Ion:264 Resp: 74224
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.7 28.1
 265 19.3 17.8 26.8

