

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072321\
 Data File : BF124730.D
 Acq On : 24 Jul 2021 00:36
 Operator : JU/CG
 Sample : M3114-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 24 02:26:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

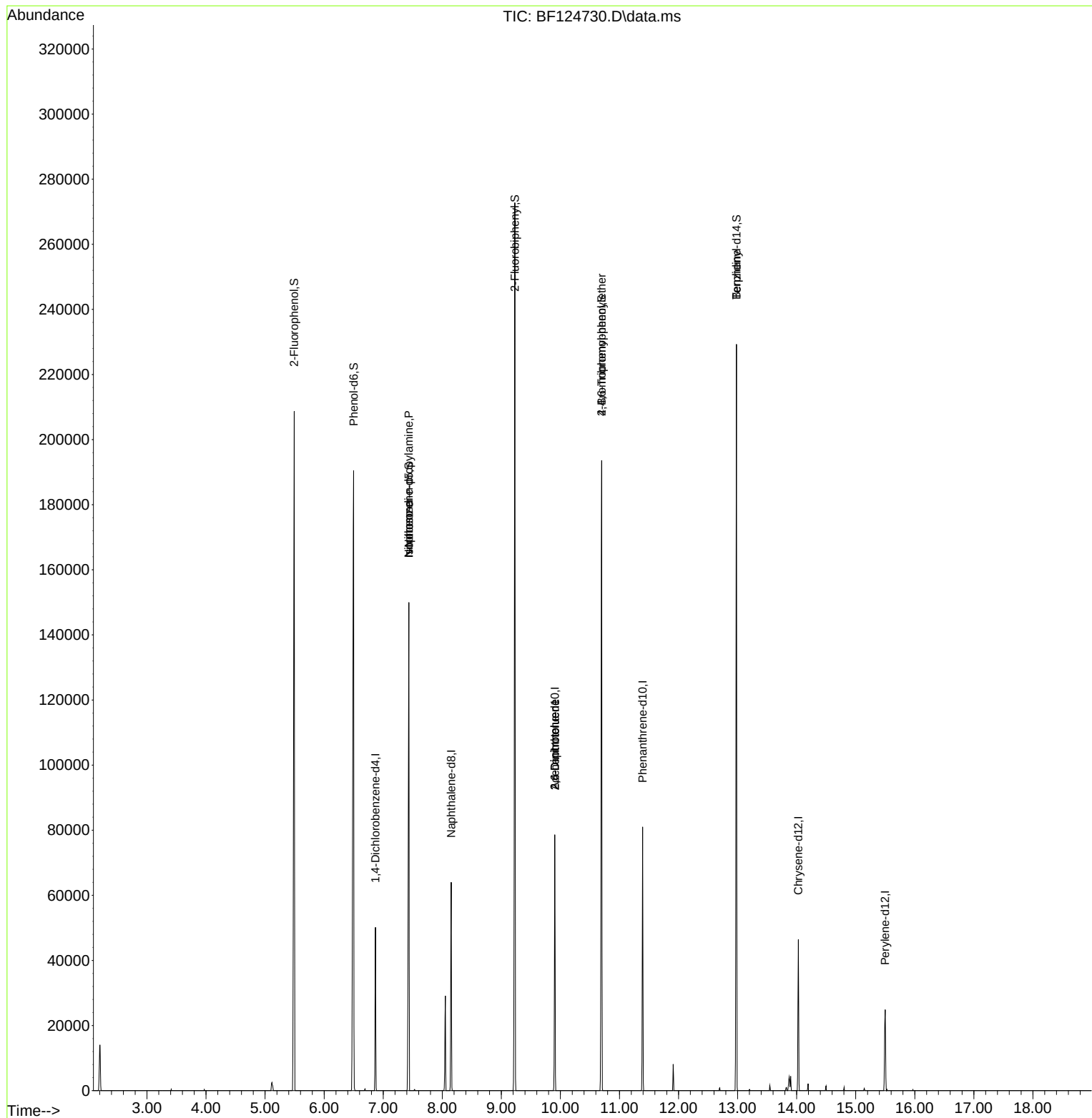
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	7375	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	28870	20.00	ng	# 0.00
39) Acenaphthene-d10	9.904	164	16045	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	27742	20.00	ng	0.00
76) Chrysene-d12	14.027	240	16045	20.00	ng	-0.01
86) Perylene-d12	15.498	264	12643	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	61702	141.66	ng	0.01
7) Phenol-d6	6.498	99	75365	138.02	ng	0.00
23) Nitrobenzene-d5	7.434	82	45304	93.40	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	19568	142.04	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	83036	76.01	ng	0.00
79) Terphenyl-d14	12.980	244	70347	75.15	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	6325	21.69	ng	# 67
25) Isophorone	7.434	82	45182	52.68	ng	# 59
51) 2,6-Dinitrotoluene	9.904	165	1942	7.96	ng	# 26
57) 2,4-Dinitrotoluene	9.904	165	1942	5.86	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	1530	5.20	ng	# 1
77) Benzidine	12.980	184	1176	2.60	ng	# 80

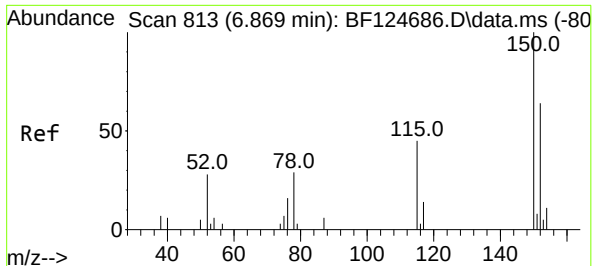
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

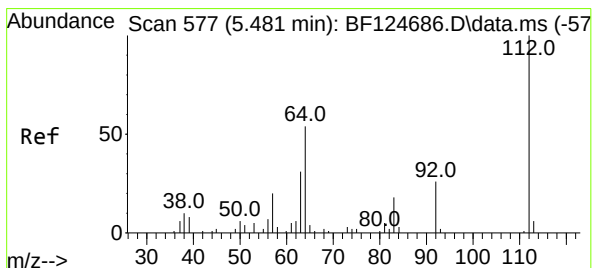
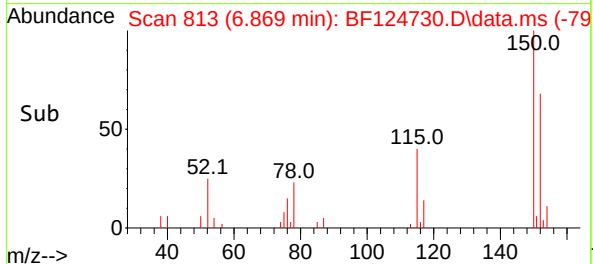
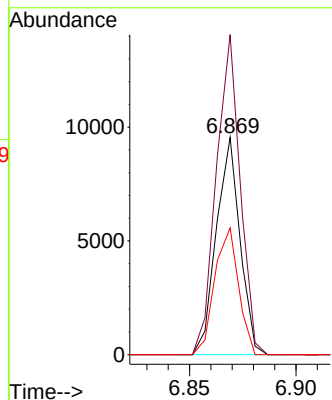
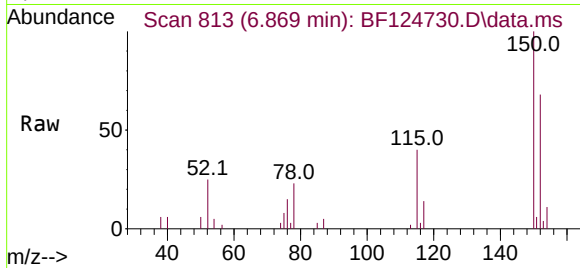




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. 0.000 min
Lab File: BF124730.D
Acq: 24 Jul 2021 00:36

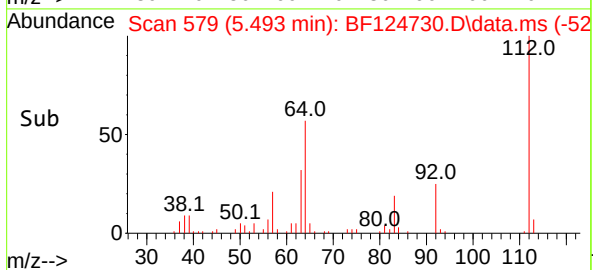
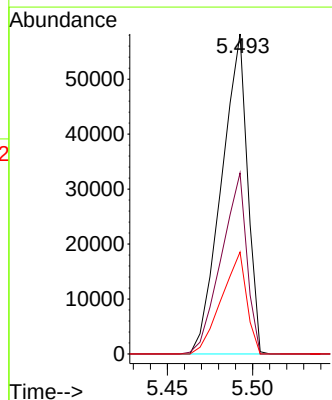
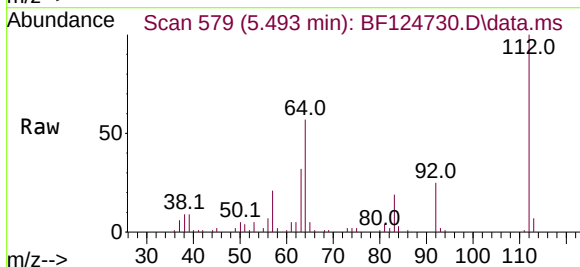
Instrument :
BNA_F
ClientSampleId :

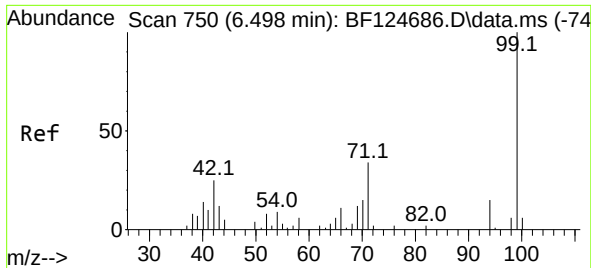
Tgt Ion:152 Resp: 7375
Ion Ratio Lower Upper
152 100
150 147.3 117.6 176.4
115 58.3 47.1 70.7



#5
2-Fluorophenol
Concen: 141.66 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF124730.D
Acq: 24 Jul 2021 00:36

Tgt Ion:112 Resp: 61702
Ion Ratio Lower Upper
112 100
64 56.5 44.2 66.2
63 31.9 26.2 39.2

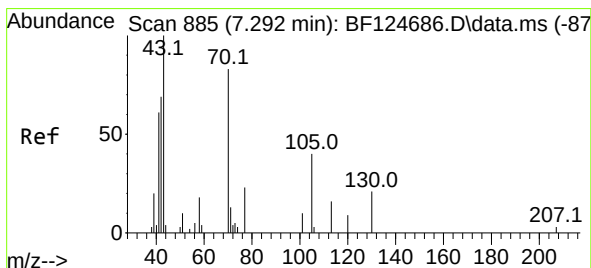
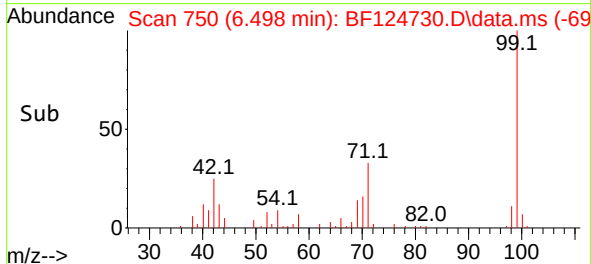
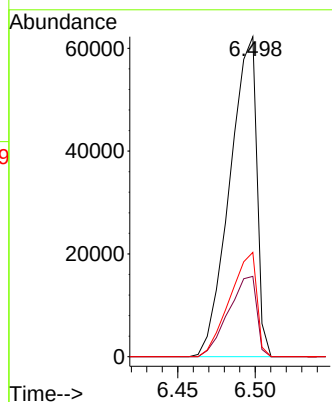
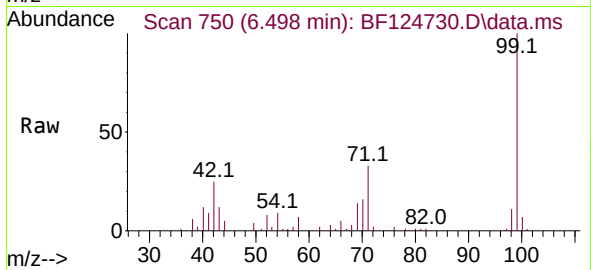




#7
Phenol-d6
Concen: 138.02 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF124730.D
Acq: 24 Jul 2021 00:36

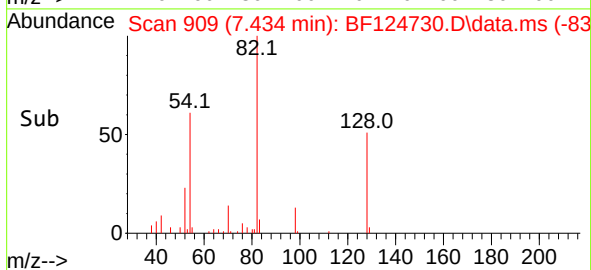
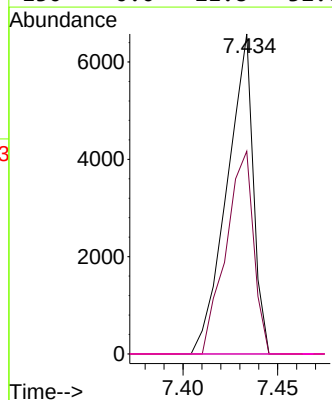
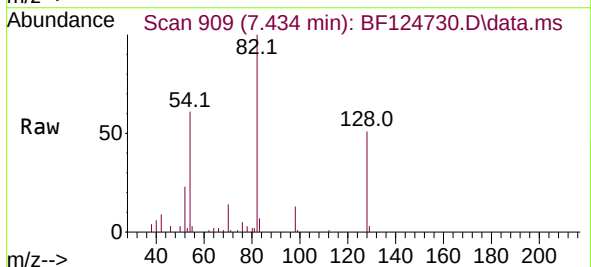
Instrument :
BNA_F
ClientSampleId :

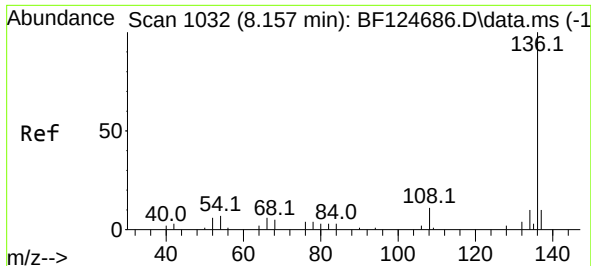
Tgt Ion:	99	Resp:	75365
Ion	Ratio	Lower	Upper
99	100		
42	25.1	23.5	35.3
71	32.6	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 21.69 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124730.D
Acq: 24 Jul 2021 00:36

Tgt Ion:	70	Resp:	6325
Ion	Ratio	Lower	Upper
70	100		
42	63.3	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

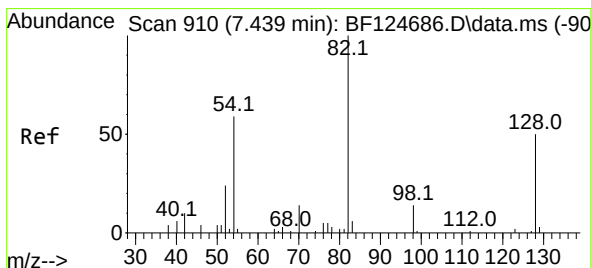
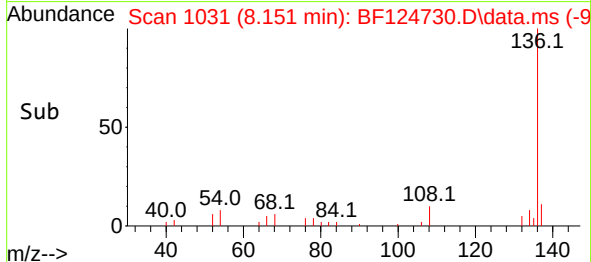
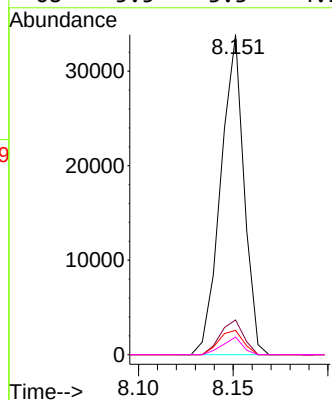
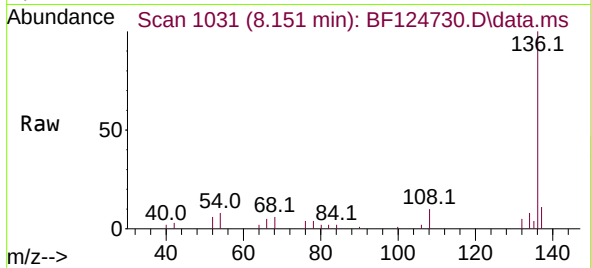




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124730.D
Acq: 24 Jul 2021 00:36

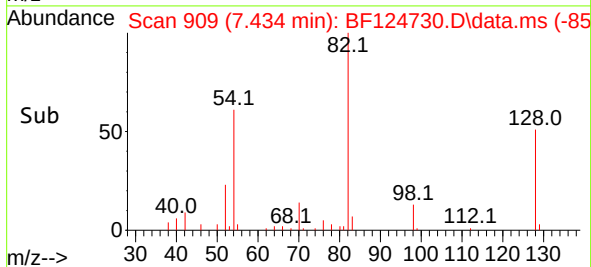
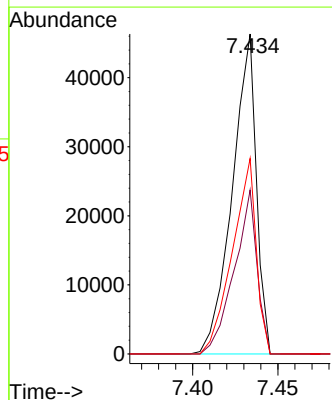
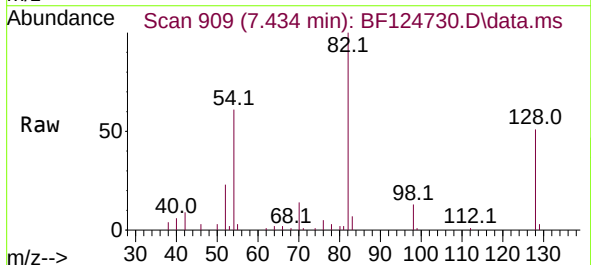
Instrument :
BNA_F
ClientSampled :

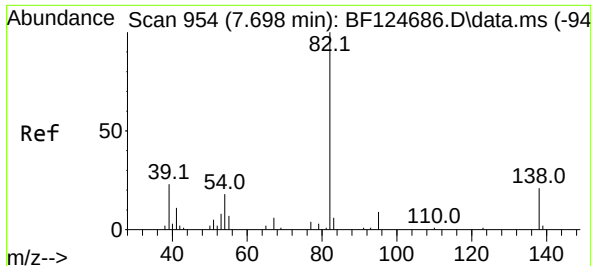
Tgt Ion:	136	Resp:	28870
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.8	14.6
54	7.6	6.4	9.6
68	5.5	3.3	4.9



#23
Nitrobenzene-d5
Concen: 93.40 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124730.D
Acq: 24 Jul 2021 00:36

Tgt Ion:	82	Resp:	45304
Ion Ratio	Lower	Upper	
82	100		
128	51.2	40.6	60.8
54	61.1	49.6	74.4

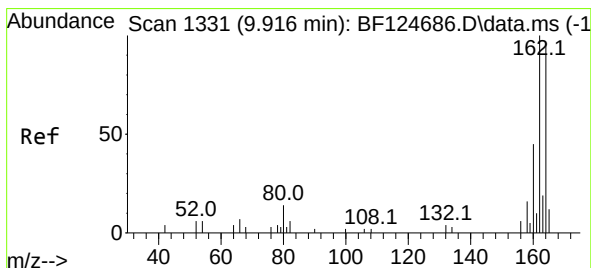
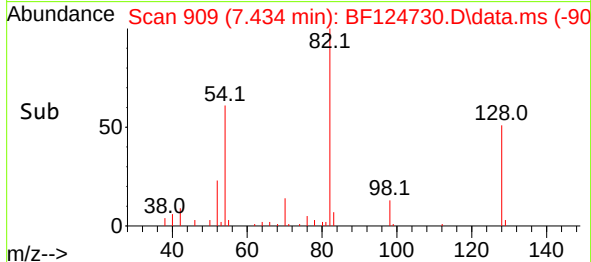
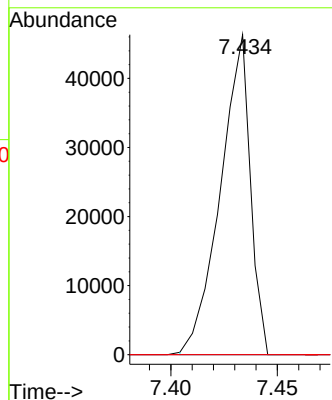
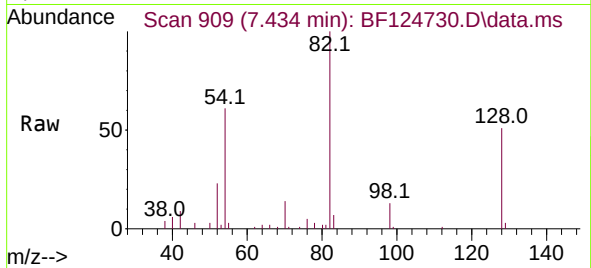




#25
Isophorone
Concen: 52.68 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124730.D
Acq: 24 Jul 2021 00:36

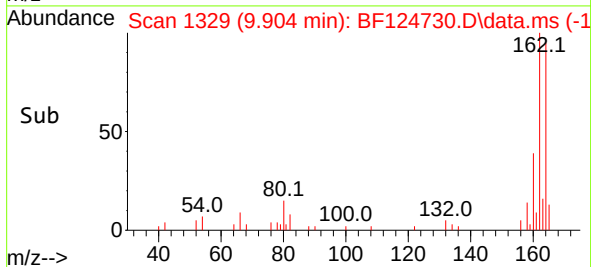
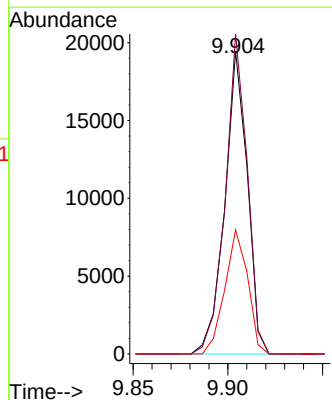
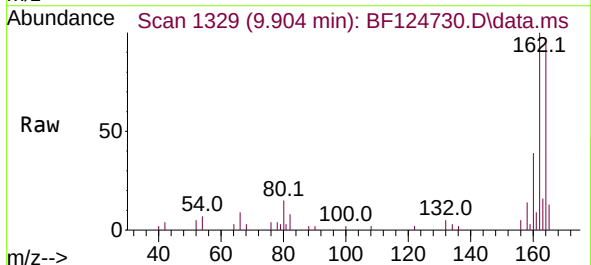
Instrument :
BNA_F
ClientSampleId :

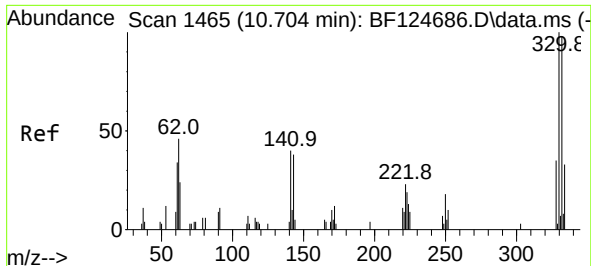
Tgt Ion: 82 Resp: 45182
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF124730.D
Acq: 24 Jul 2021 00:36

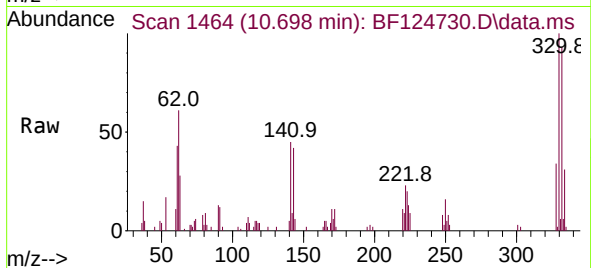
Tgt Ion: 164 Resp: 16045
Ion Ratio Lower Upper
164 100
162 105.6 81.3 121.9
160 41.0 38.0 57.0



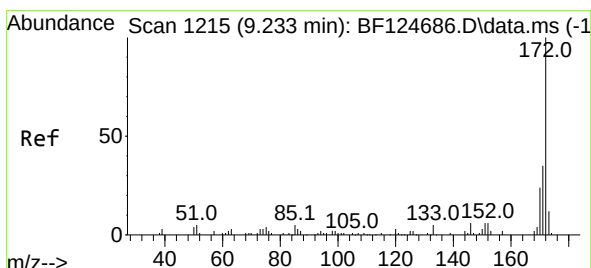
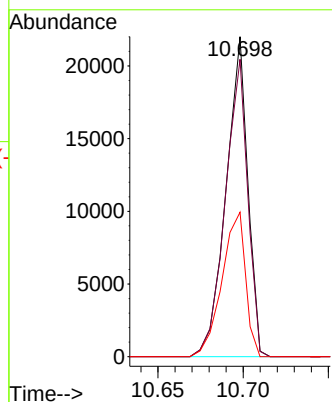
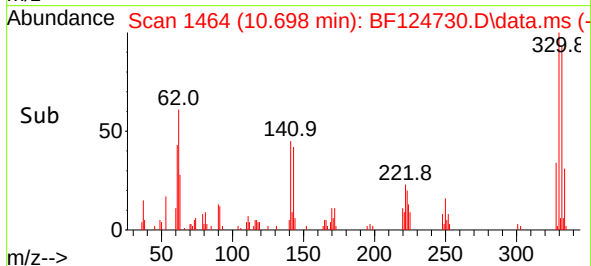


#42
2,4,6-Tribromophenol
Concen: 142.04 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124730.D
Acq: 24 Jul 2021 00:36

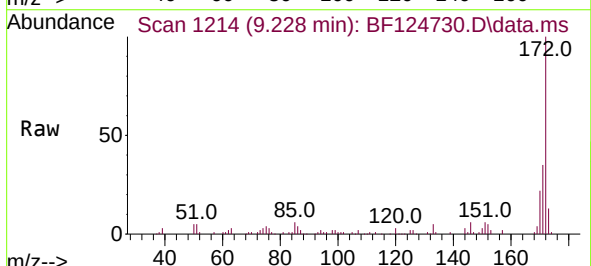
Instrument :
BNA_F
ClientSampled :



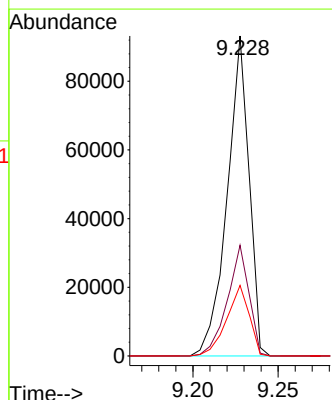
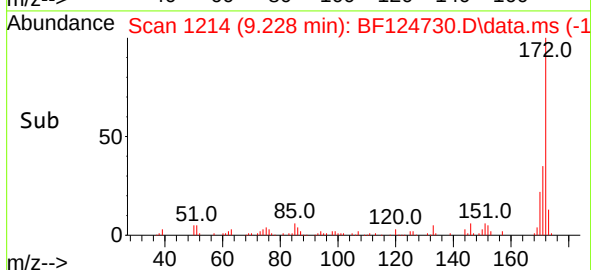
Tgt Ion:330 Resp: 19568
Ion Ratio Lower Upper
330 100
332 95.7 76.2 114.4
141 48.8 44.6 66.8

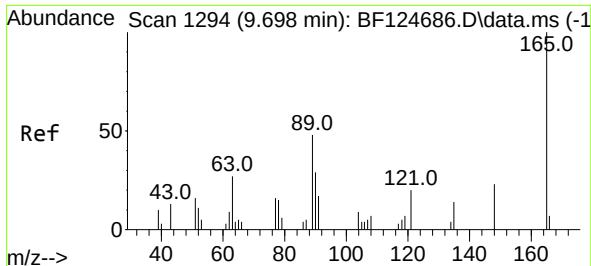


#45
2-Fluorobiphenyl
Concen: 76.01 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124730.D
Acq: 24 Jul 2021 00:36



Tgt Ion:172 Resp: 83036
Ion Ratio Lower Upper
172 100
171 34.6 26.5 39.7
170 22.1 18.8 28.2

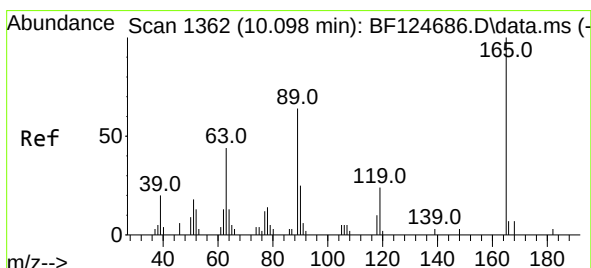
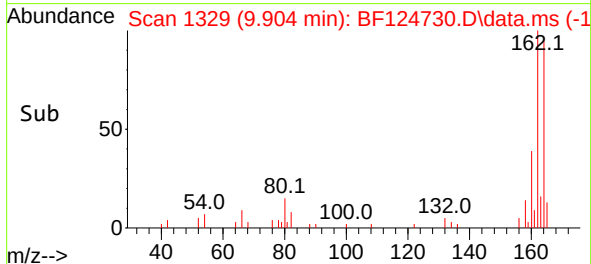
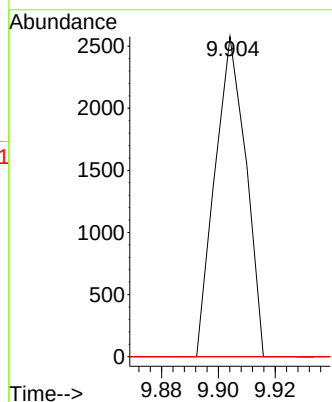
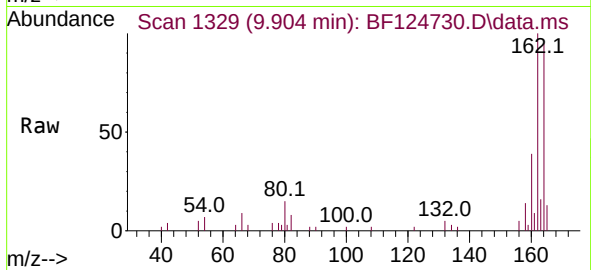




#51
2,6-Dinitrotoluene
Concen: 7.96 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF124730.D
Acq: 24 Jul 2021 00:36

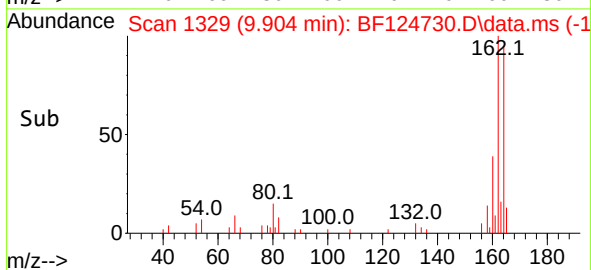
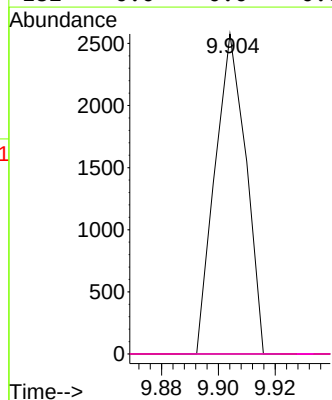
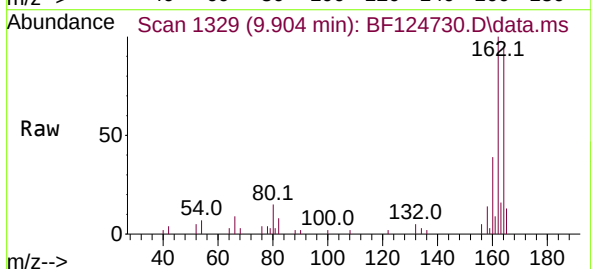
Instrument :
BNA_F
ClientSampled :

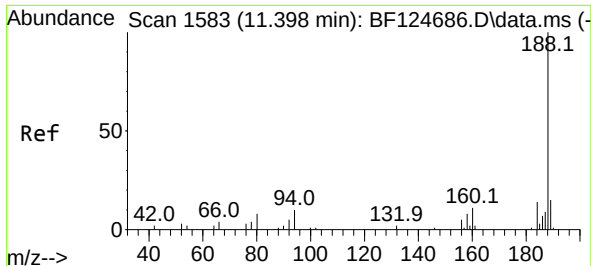
Tgt Ion:165 Resp: 1942
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.86 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF124730.D
Acq: 24 Jul 2021 00:36

Tgt Ion:165 Resp: 1942
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

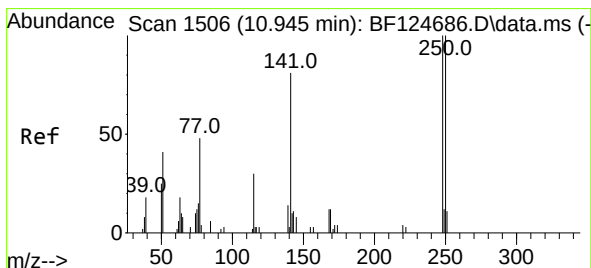
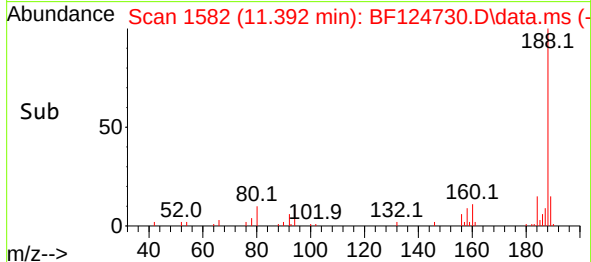
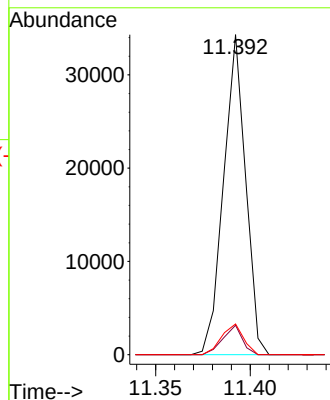
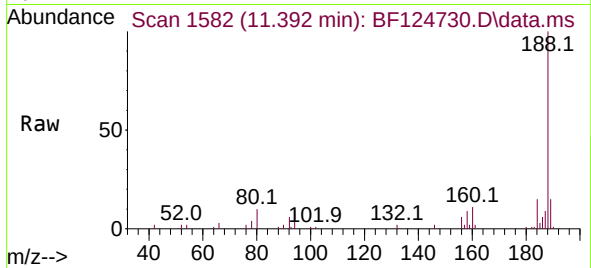




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124730.D
Acq: 24 Jul 2021 00:36

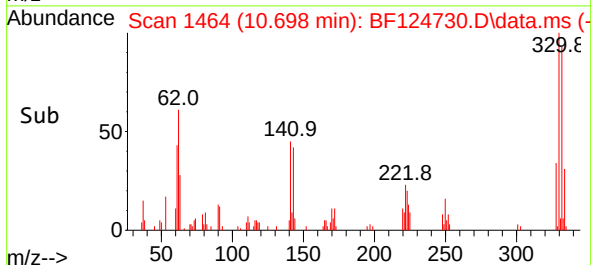
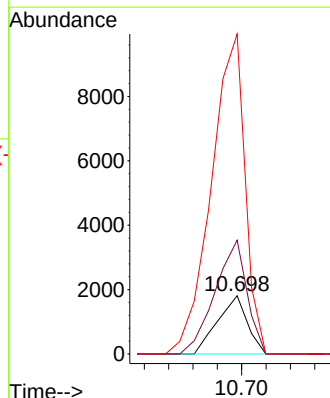
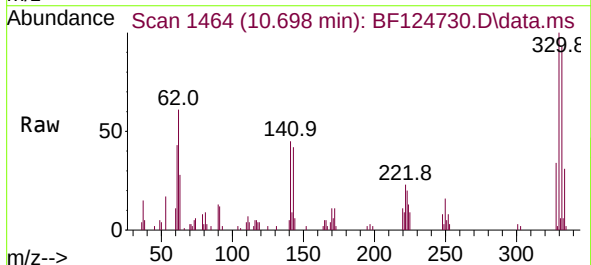
Instrument :
BNA_F
ClientSampleId :

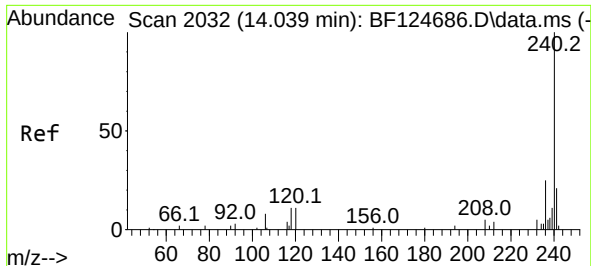
Tgt Ion:188 Resp: 27742
Ion Ratio Lower Upper
188 100
94 9.2 6.7 10.1
80 9.6 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 5.20 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124730.D
Acq: 24 Jul 2021 00:36

Tgt Ion:248 Resp: 1530
Ion Ratio Lower Upper
248 100
250 195.4 74.2 111.4#
141 549.2 60.4 90.6#

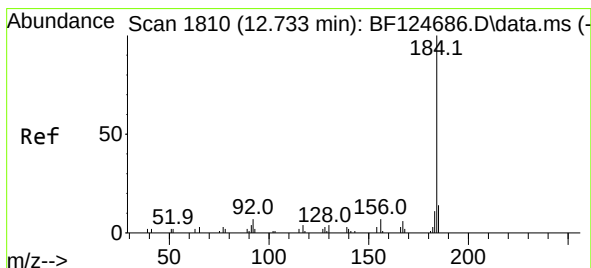
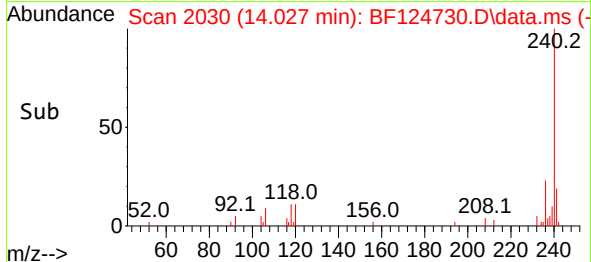
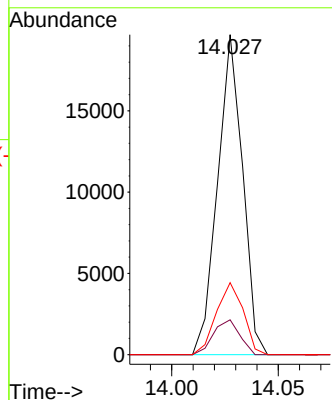
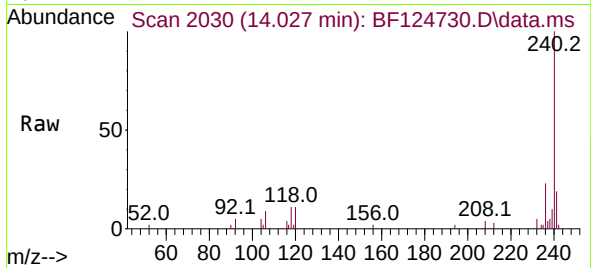




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF124730.D
Acq: 24 Jul 2021 00:36

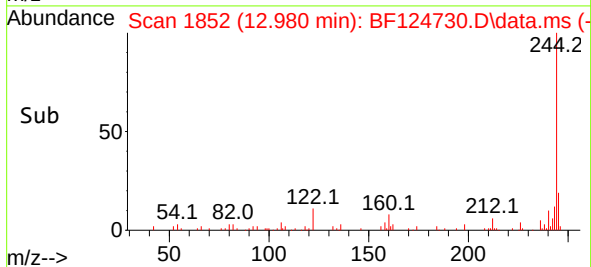
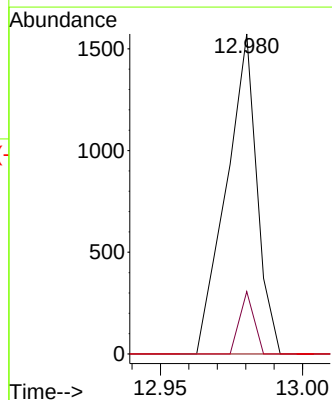
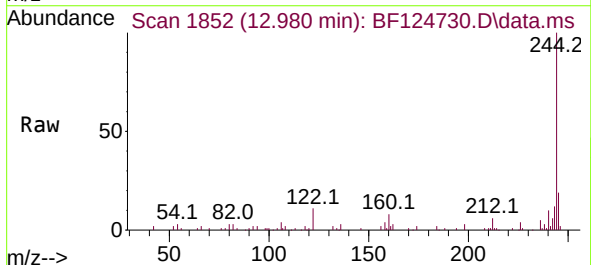
Instrument :
BNA_F
ClientSampleId :

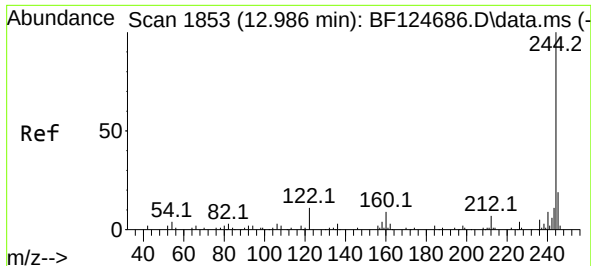
Tgt Ion:240	Resp:	16045
Ion Ratio	Lower	Upper
240	100	
120	10.9	10.8 16.2
236	22.5	21.6 32.4



#77
Benzidine
Concen: 2.60 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.247 min
Lab File: BF124730.D
Acq: 24 Jul 2021 00:36

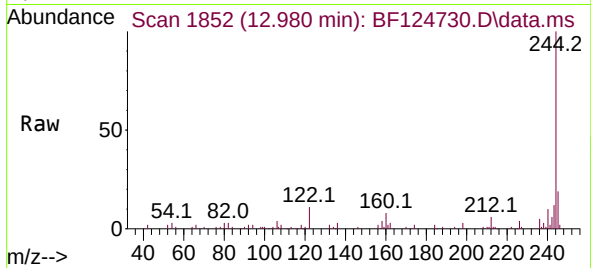
Tgt Ion:184	Resp:	1176
Ion Ratio	Lower	Upper
184	100	
185	19.5	10.8 16.2#
183	0.0	8.1 12.1#



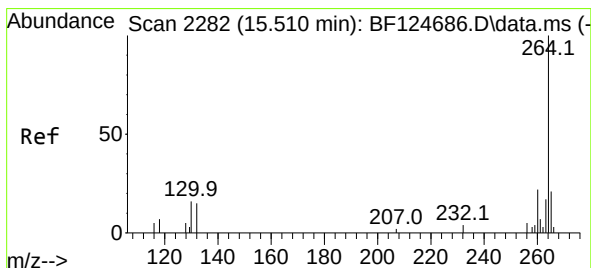
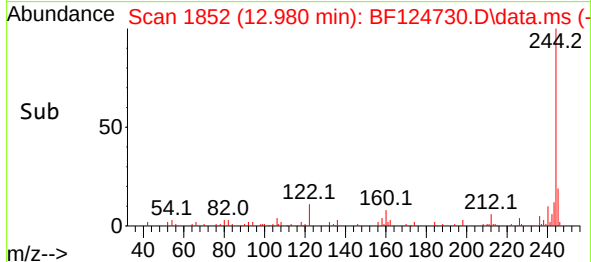
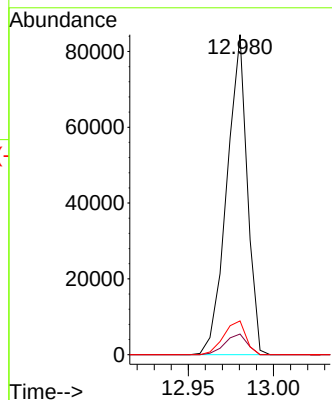


#79
 Terphenyl-d14
 Concen: 75.15 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF124730.D
 Acq: 24 Jul 2021 00:36

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 70347
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.9 8.9
 122 10.5 9.0 13.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.498 min Scan# 2280
 Delta R.T. -0.012 min
 Lab File: BF124730.D
 Acq: 24 Jul 2021 00:36

Tgt Ion:264 Resp: 12643
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.6 29.4
 265 20.6 17.2 25.8

