

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072921\
 Data File : BF124861.D
 Acq On : 29 Jul 2021 20:33
 Operator : JU/CG
 Sample : M3206-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210533-COM-6

Quant Time: Jul 30 02:54:52 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)

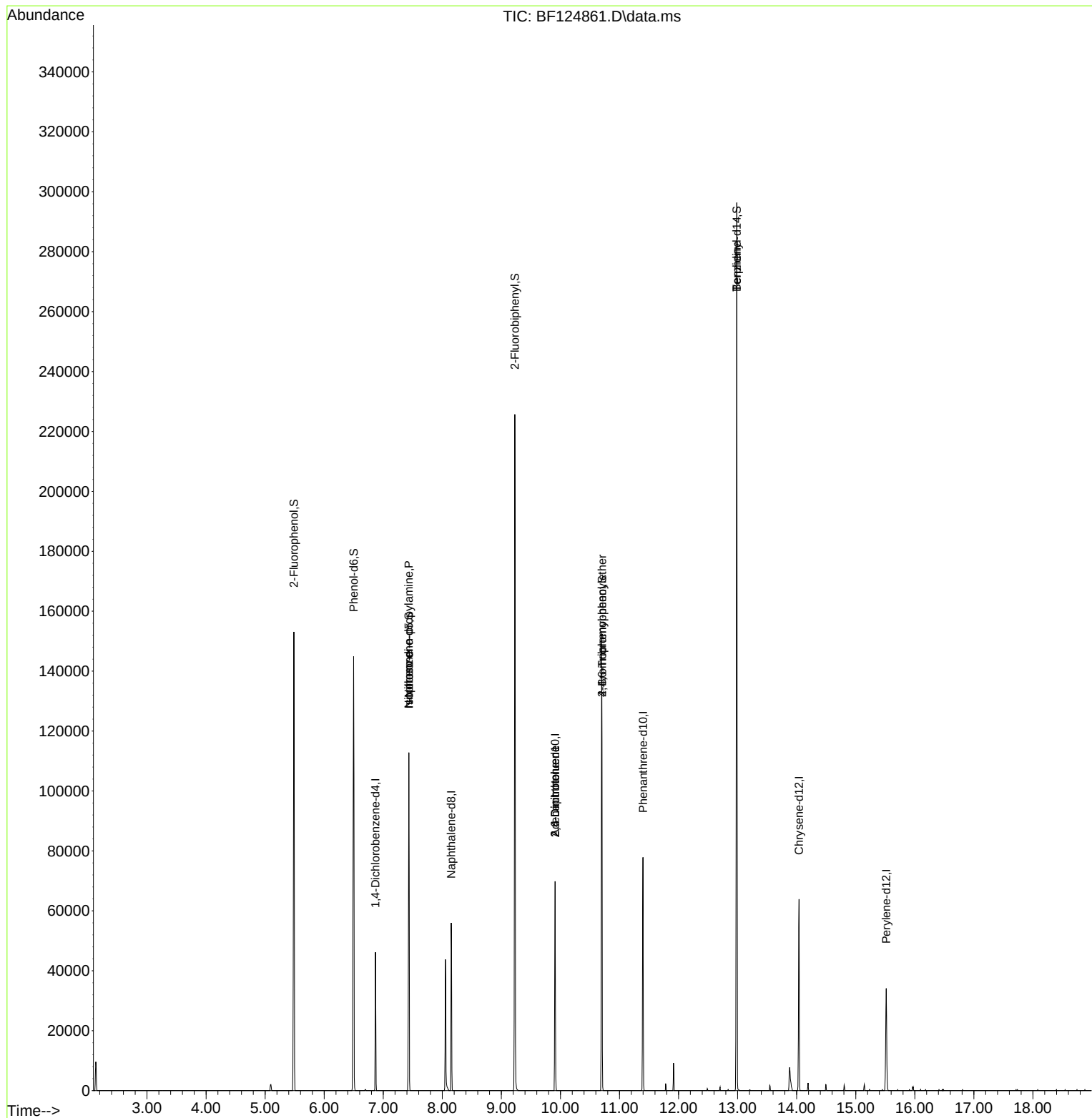
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6080	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	24533	20.00	ng	# 0.00
39) Acenaphthene-d10	9.910	164	14777	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	28772	20.00	ng	0.00
76) Chrysene-d12	14.039	240	23593	20.00	ng	# 0.00
86) Perylene-d12	15.515	264	17814	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	41848	116.54	ng	0.00
7) Phenol-d6	6.498	99	51097	113.50	ng	0.00
23) Nitrobenzene-d5	7.434	82	32923	79.87	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	15464	121.88	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	70175	69.75	ng	0.00
79) Terphenyl-d14	12.986	244	96955	70.44	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	4251	17.68	ng	# 73
25) Isophorone	7.434	82	32923	45.17	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1755	7.81	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1755	5.75	ng	# 18
67) 4-Bromophenyl-phenylether	10.704	248	1226	4.02	ng	# 1
77) Benzidine	12.986	184	1505	2.26	ng	# 69

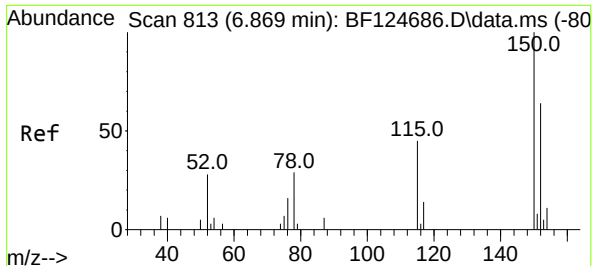
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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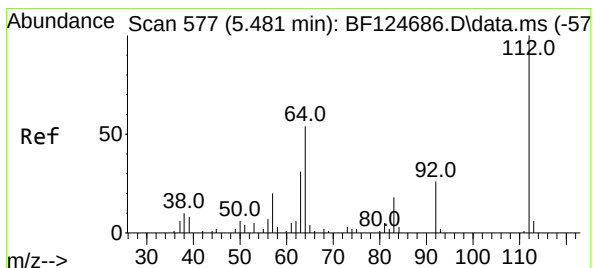
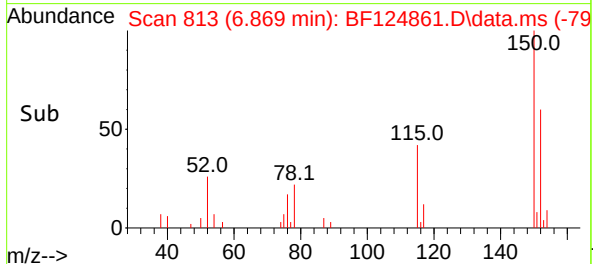
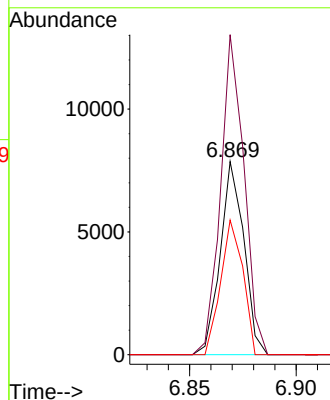
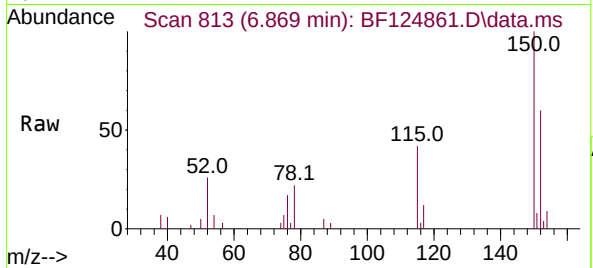




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124861.D
Acq: 29 Jul 2021 20:33

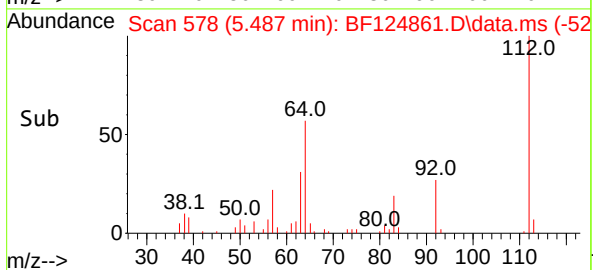
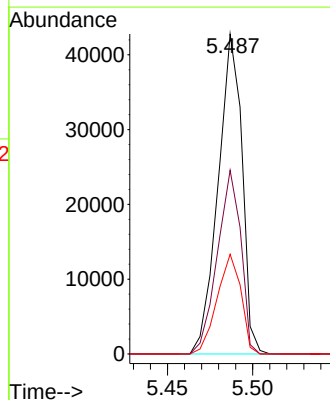
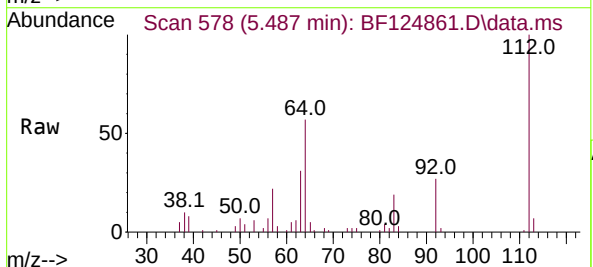
Instrument :
BNA_F
ClientSampleId :
20210533-COM-6

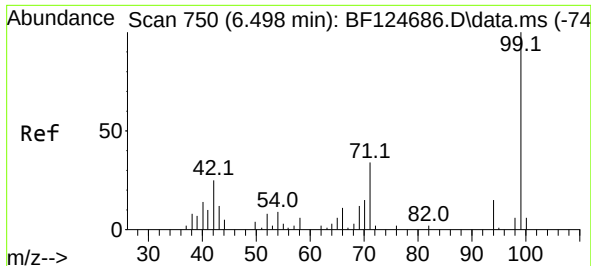
Tgt Ion:152 Resp: 6080
Ion Ratio Lower Upper
152 100
150 165.6 117.6 176.4
115 69.7 47.1 70.7



#5
2-Fluorophenol
Concen: 116.54 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124861.D
Acq: 29 Jul 2021 20:33

Tgt Ion:112 Resp: 41848
Ion Ratio Lower Upper
112 100
64 57.4 44.2 66.2
63 31.2 26.2 39.2

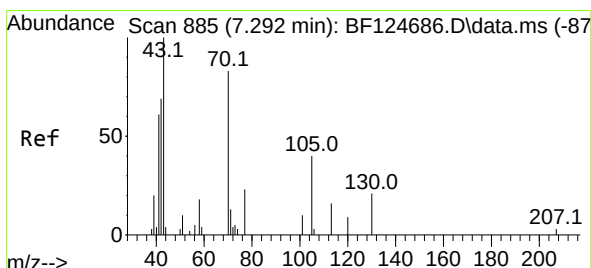
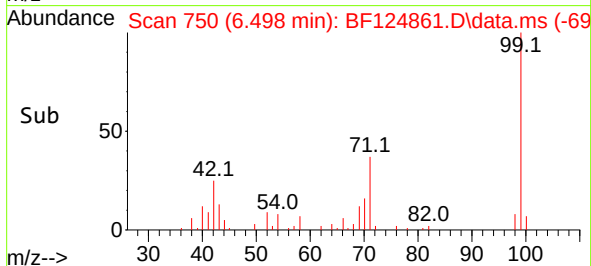
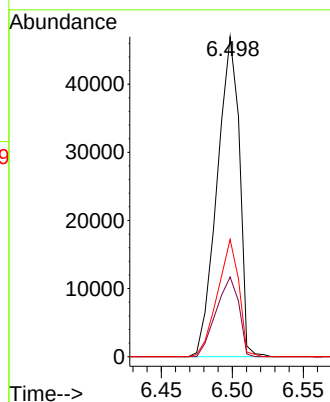
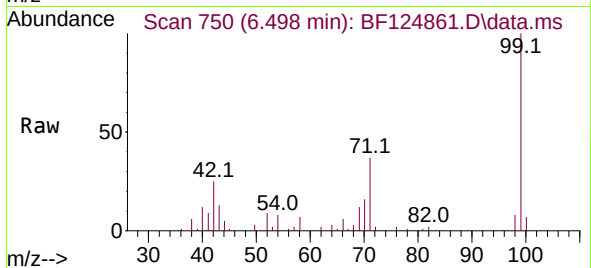




#7
Phenol-d6
Concen: 113.50 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF124861.D
Acq: 29 Jul 2021 20:33

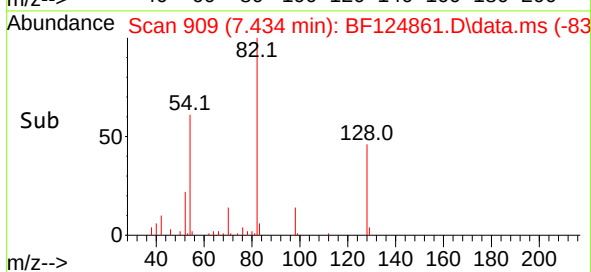
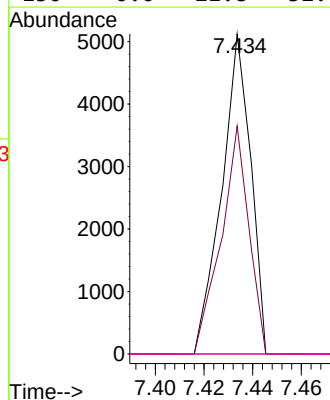
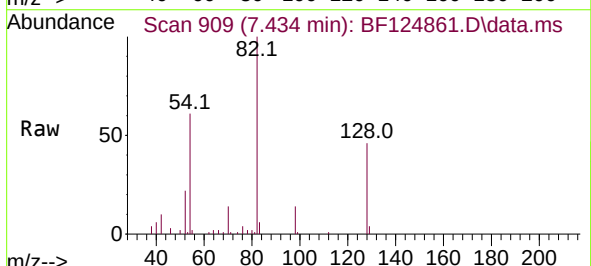
Instrument :
BNA_F
ClientSampleId :
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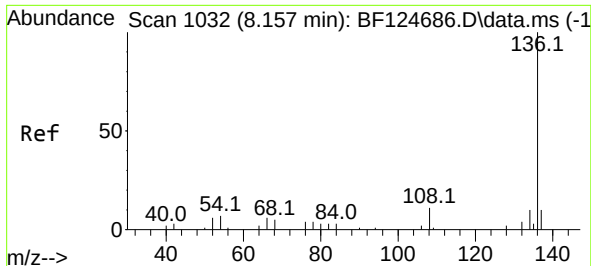
Tgt Ion:	99	Resp:	51097
Ion	Ratio	Lower	Upper
99	100		
42	24.9	23.5	35.3
71	36.7	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.68 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124861.D
Acq: 29 Jul 2021 20:33

Tgt Ion:	70	Resp:	4251
Ion	Ratio	Lower	Upper
70	100		
42	71.3	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

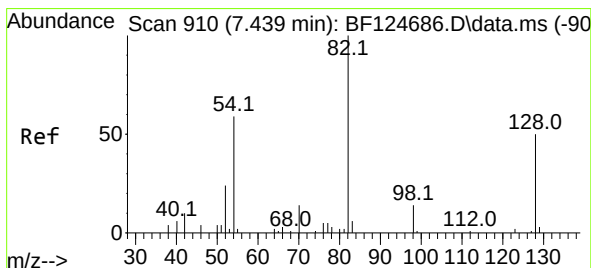
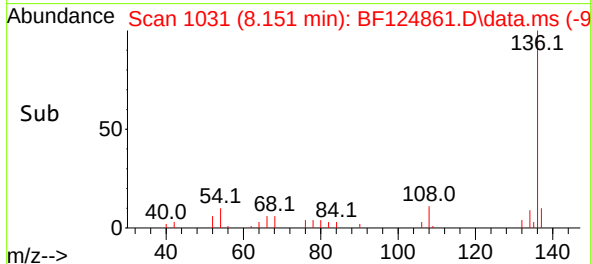
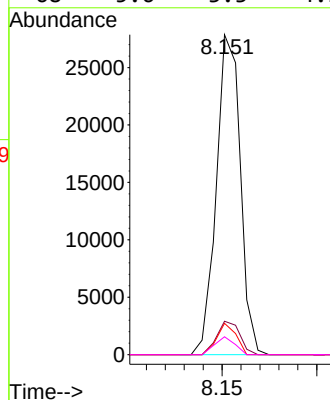
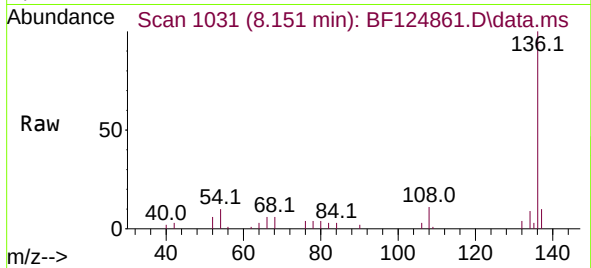




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124861.D
Acq: 29 Jul 2021 20:33

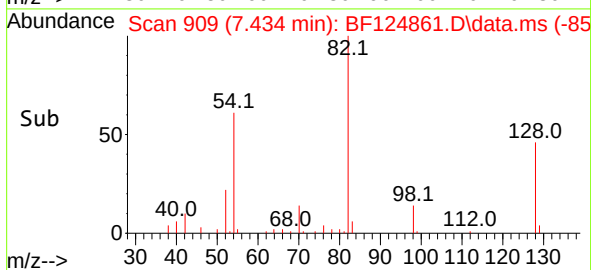
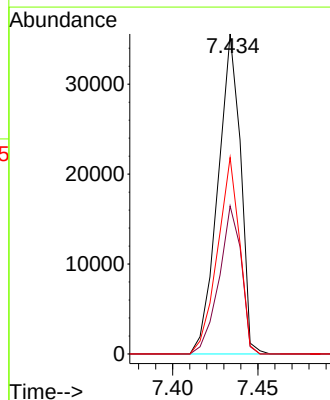
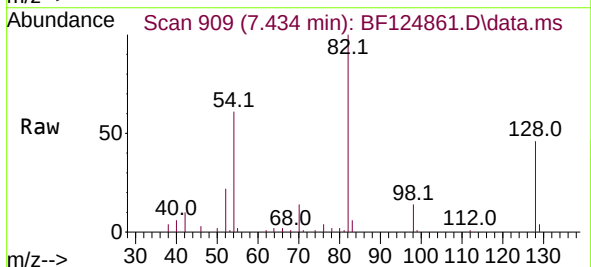
Instrument :
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ClientSampleId :
20210533-COM-6

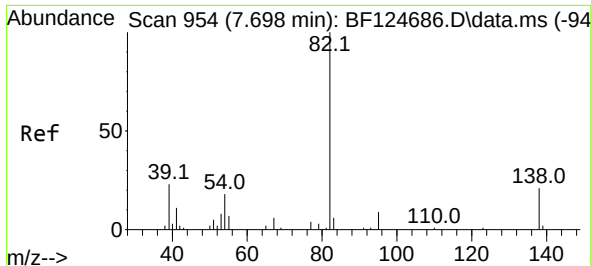
Tgt Ion:	136	Resp:	24533
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.8	14.6
54	9.8	6.4	9.6#
68	5.6	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 79.87 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124861.D
Acq: 29 Jul 2021 20:33

Tgt Ion:	82	Resp:	32923
Ion	Ratio	Lower	Upper
82	100		
128	46.2	40.6	60.8
54	61.4	49.6	74.4

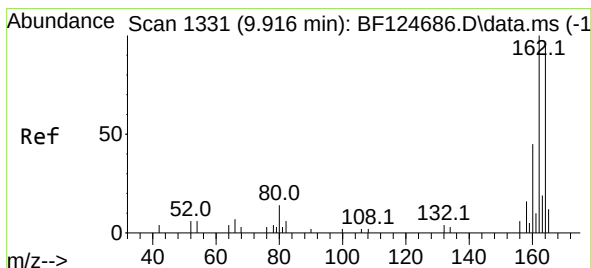
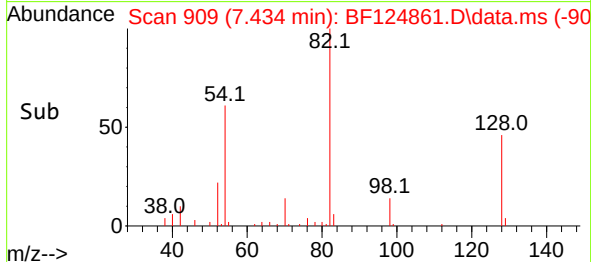
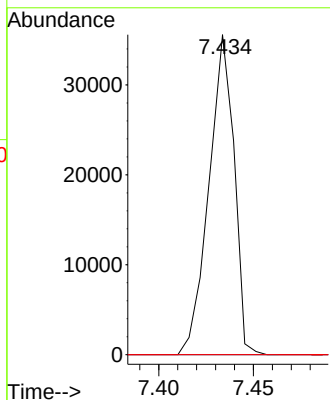
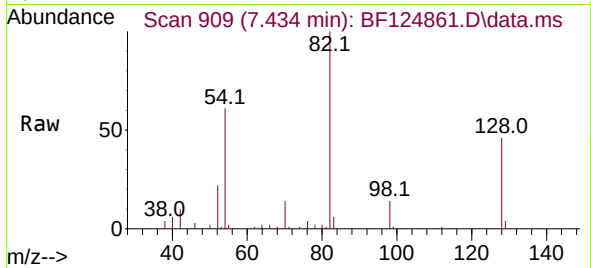




#25
Isophorone
Concen: 45.17 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124861.D
Acq: 29 Jul 2021 20:33

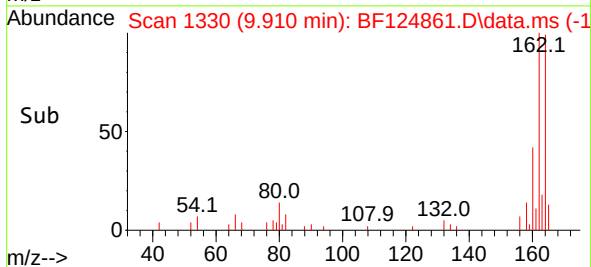
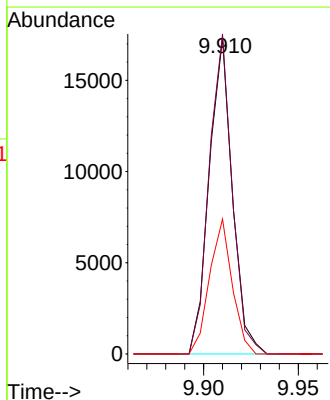
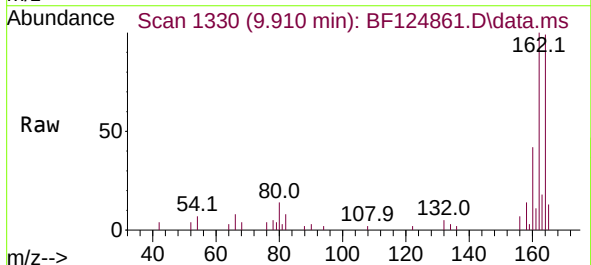
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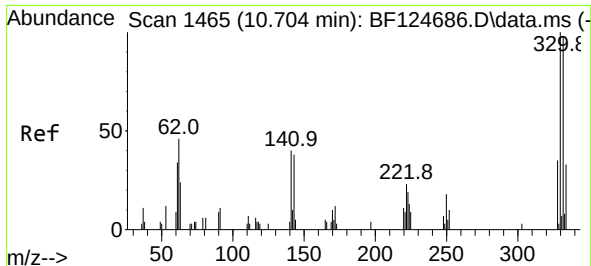
Tgt Ion: 82 Resp: 32923
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124861.D
Acq: 29 Jul 2021 20:33

Tgt Ion: 164 Resp: 14777
Ion Ratio Lower Upper
164 100
162 101.1 81.3 121.9
160 42.6 38.0 57.0

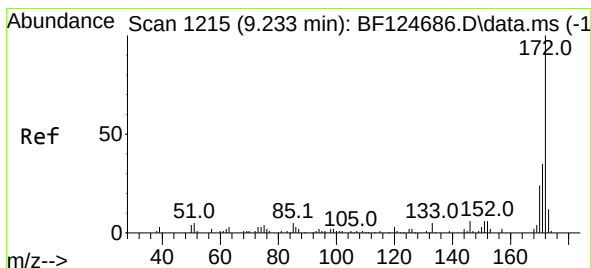
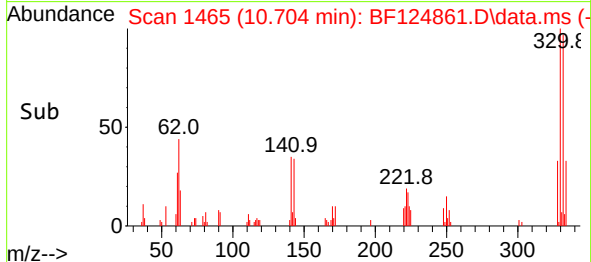
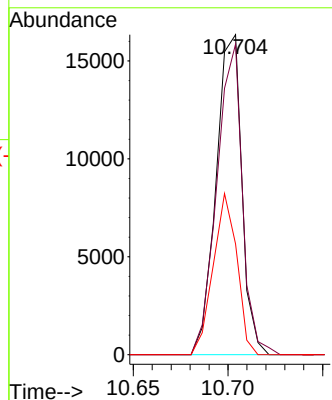
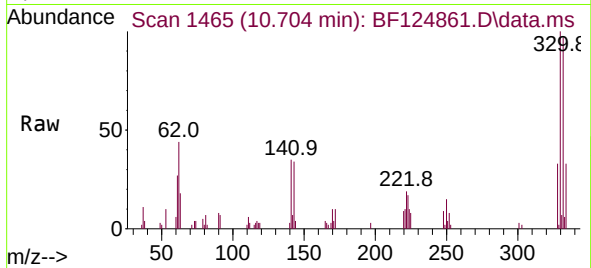




#42
2,4,6-Tribromophenol
Concen: 121.88 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF124861.D
Acq: 29 Jul 2021 20:33

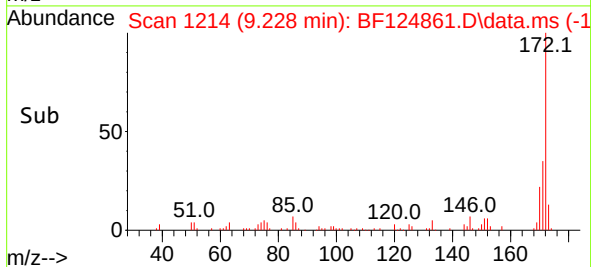
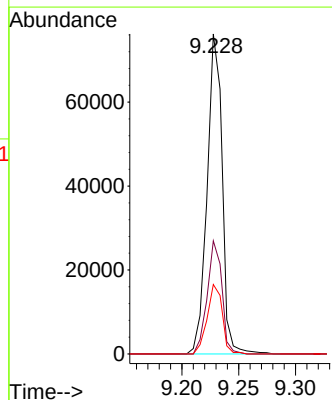
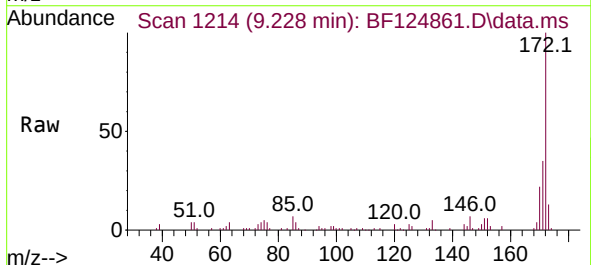
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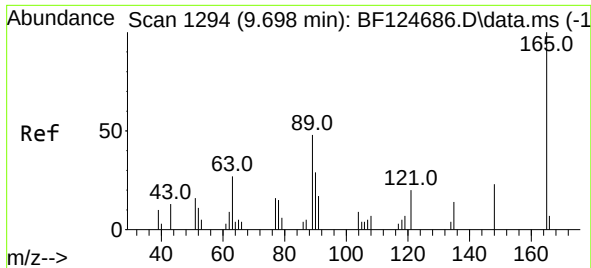
Tgt Ion: 330 Resp: 15464
Ion Ratio Lower Upper
330 100
332 96.1 76.2 114.4
141 46.4 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 69.75 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124861.D
Acq: 29 Jul 2021 20:33

Tgt Ion: 172 Resp: 70175
Ion Ratio Lower Upper
172 100
171 35.3 26.5 39.7
170 21.7 18.8 28.2

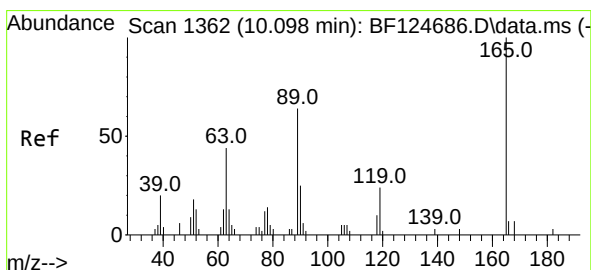
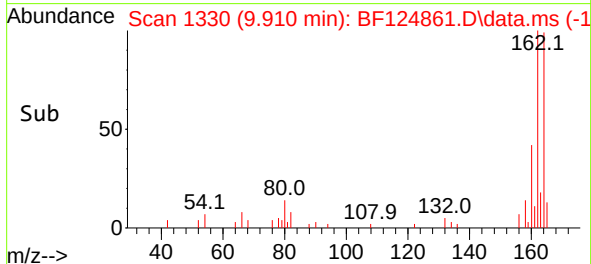
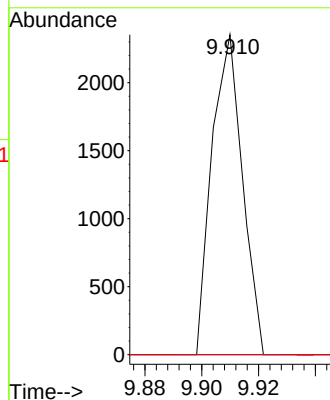
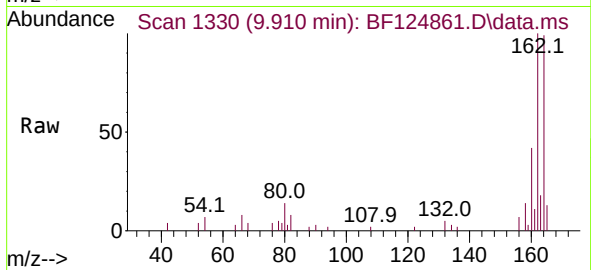




#51
2,6-Dinitrotoluene
Concen: 7.81 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124861.D
Acq: 29 Jul 2021 20:33

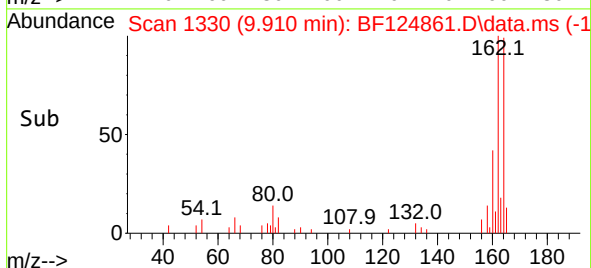
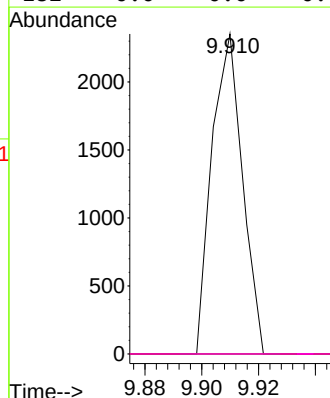
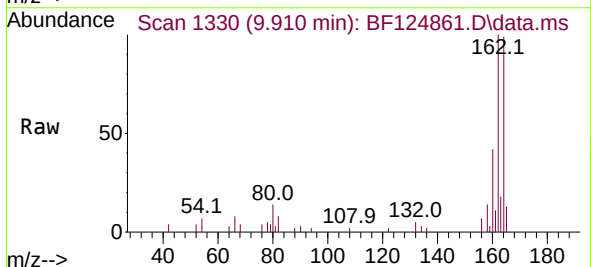
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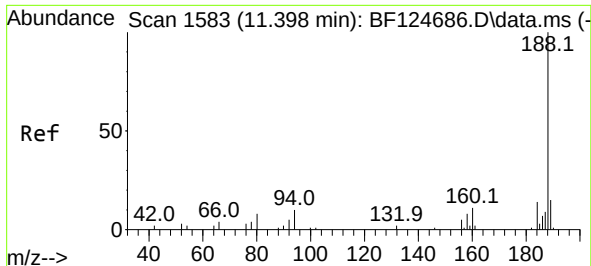
Tgt Ion:165 Resp: 1755
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.75 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124861.D
Acq: 29 Jul 2021 20:33

Tgt Ion:165 Resp: 1755
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

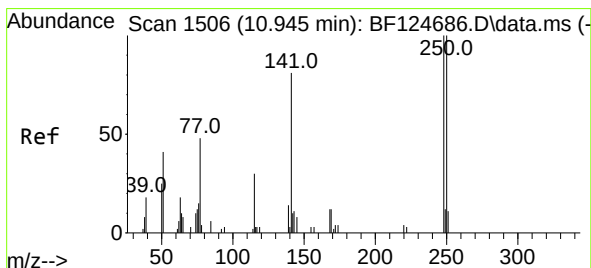
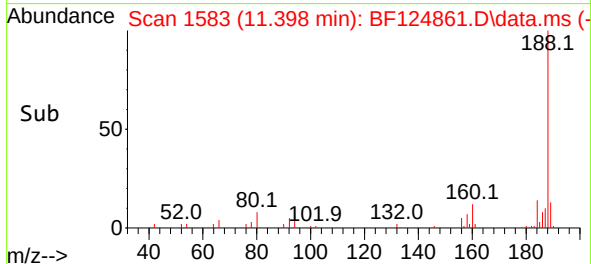
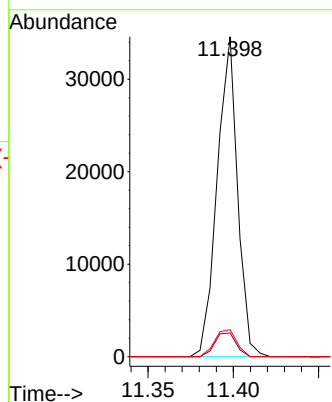
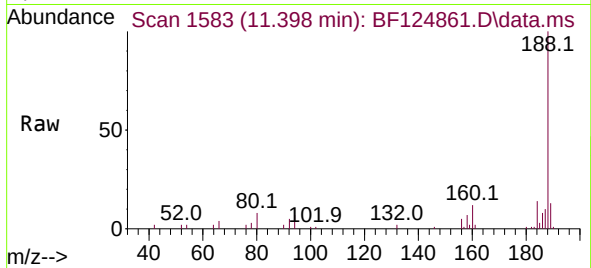




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF124861.D
Acq: 29 Jul 2021 20:33

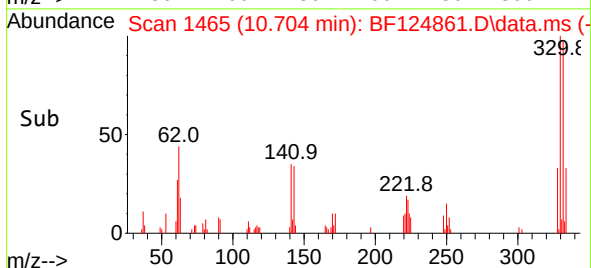
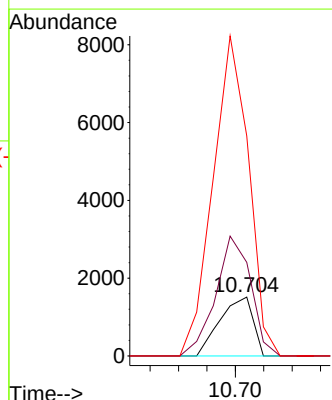
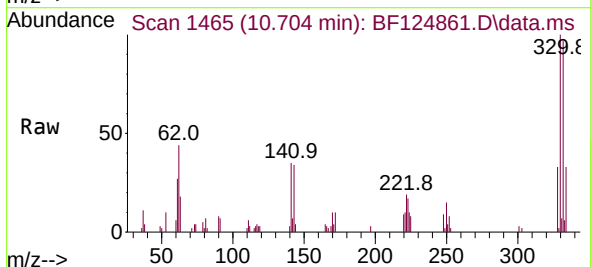
Instrument :
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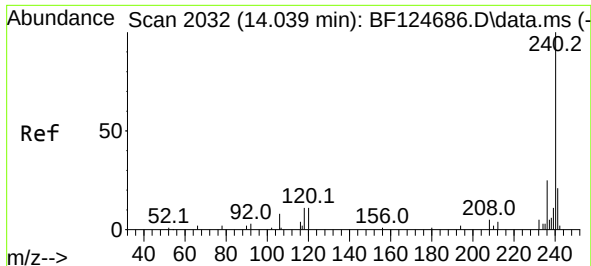
Tgt Ion:188 Resp: 28772
Ion Ratio Lower Upper
188 100
94 7.4 6.7 10.1
80 8.4 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.02 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.241 min
Lab File: BF124861.D
Acq: 29 Jul 2021 20:33

Tgt Ion:248 Resp: 1226
Ion Ratio Lower Upper
248 100
250 199.0 74.2 111.4#
141 373.8 60.4 90.6#

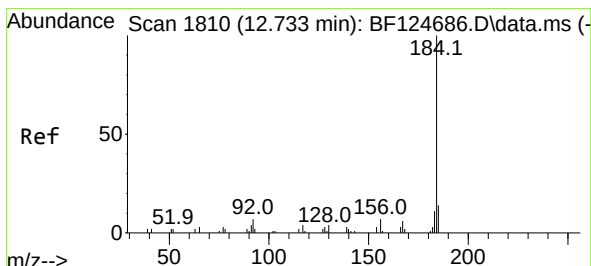
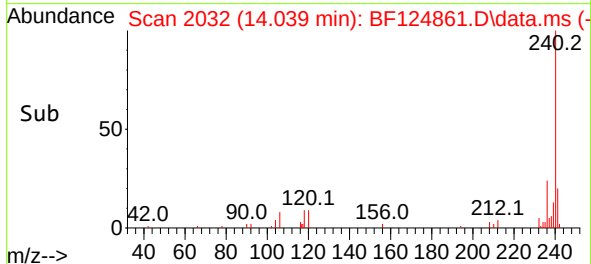
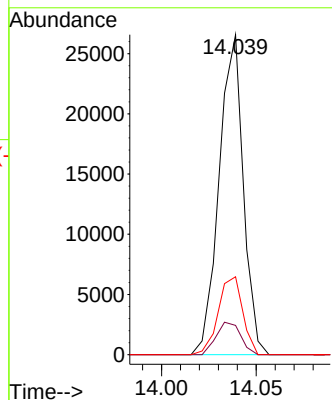
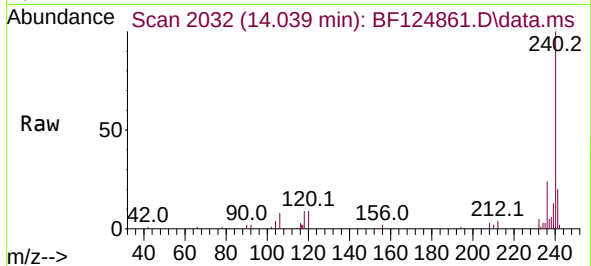




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF124861.D
Acq: 29 Jul 2021 20:33

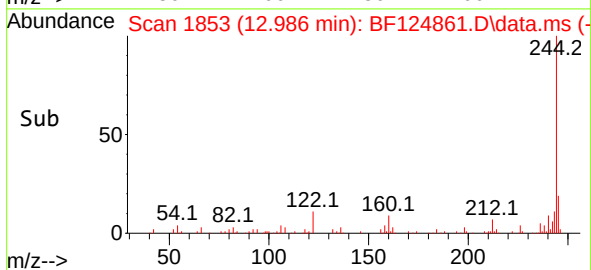
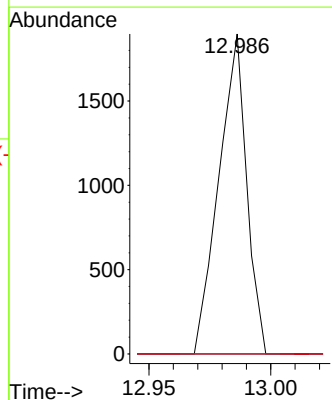
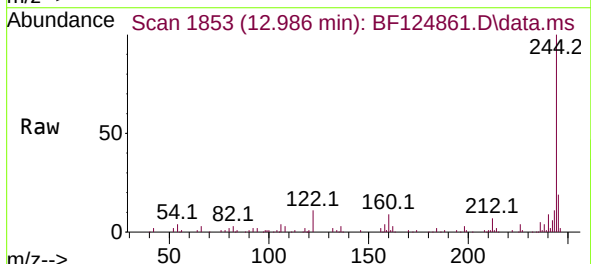
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BNA_F
ClientSampleId :
20210533-COM-6

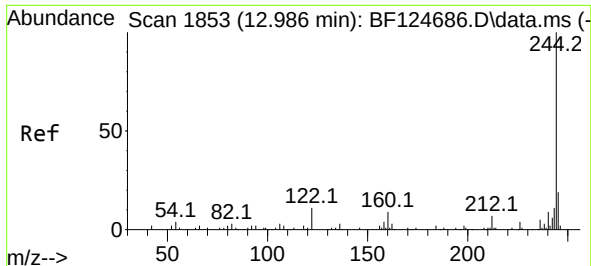
Tgt Ion:240 Resp: 23593
Ion Ratio Lower Upper
240 100
120 9.1 10.8 16.2#
236 24.3 21.6 32.4



#77
Benzidine
Concen: 2.26 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.253 min
Lab File: BF124861.D
Acq: 29 Jul 2021 20:33

Tgt Ion:184 Resp: 1505
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#

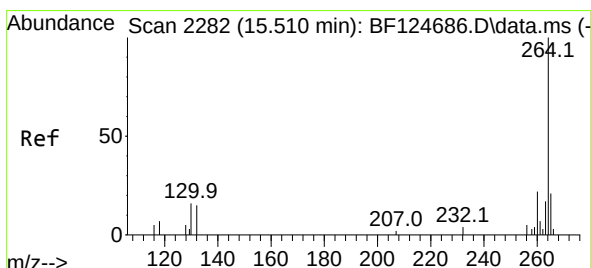
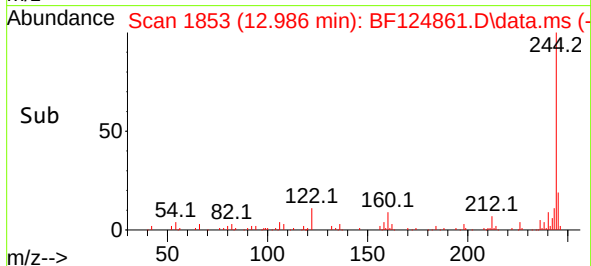
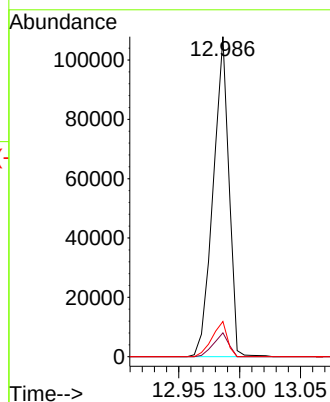
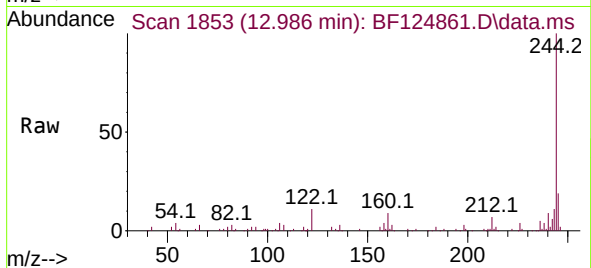




#79
Terphenyl-d14
Concen: 70.44 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF124861.D
Acq: 29 Jul 2021 20:33

Instrument :
BNA_F
ClientSampleId :
20210533-COM-6

Tgt Ion:244 Resp: 96955
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 11.0 9.0 13.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BF124861.D
Acq: 29 Jul 2021 20:33

Tgt Ion:264 Resp: 17814
Ion Ratio Lower Upper
264 100
260 21.1 19.6 29.4
265 20.6 17.2 25.8

