

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072921\
 Data File : BF124851.D
 Acq On : 29 Jul 2021 15:03
 Operator : JU/CG
 Sample : M3206-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210590-AMENDED-COM-4

Quant Time: Jul 29 16:17:15 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)

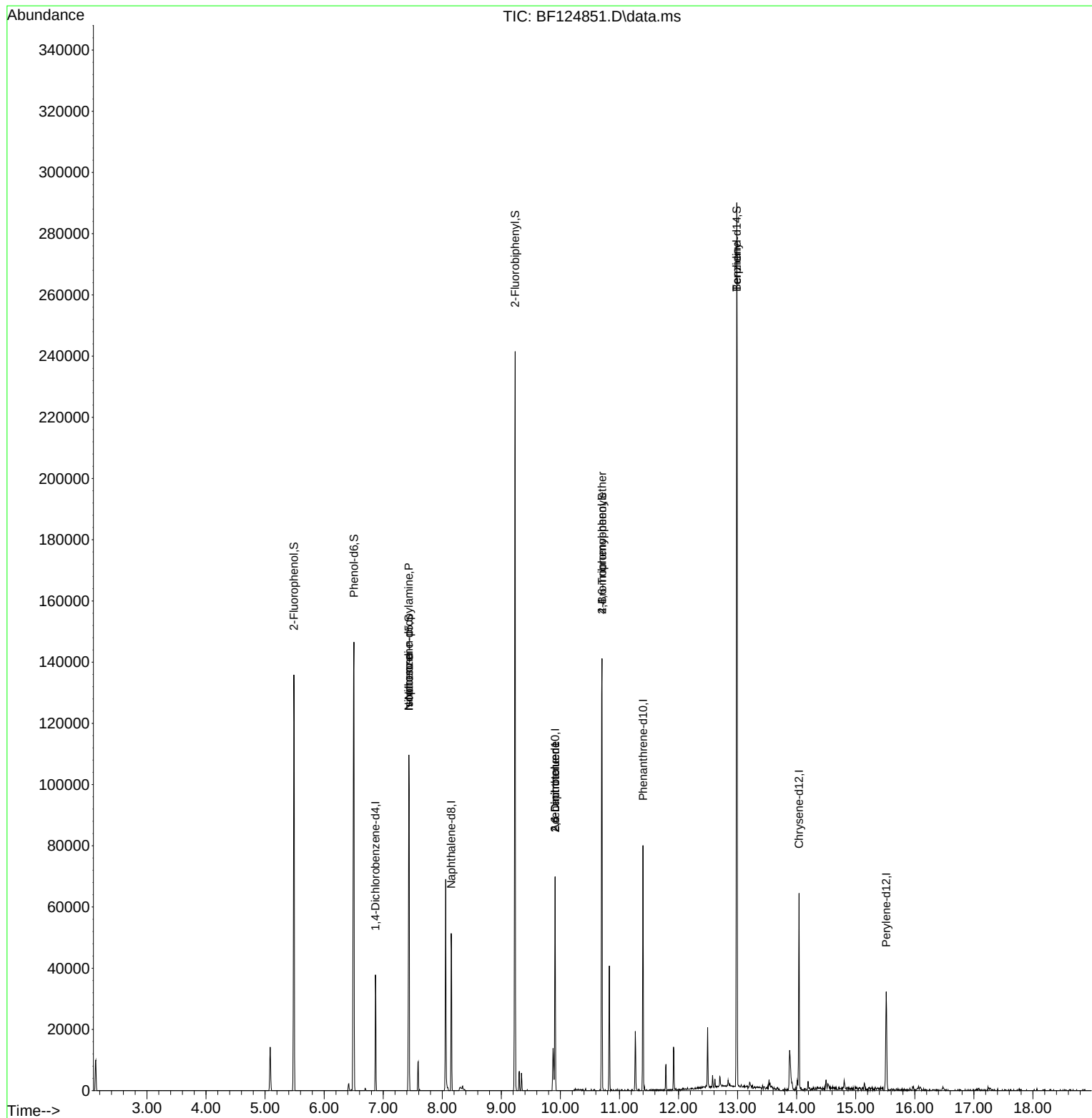
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	5327	20.000	ng	# 0.00
21) Naphthalene-d8	8.151	136	22585	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	13545	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	26715	20.000	ng	0.00
76) Chrysene-d12	14.039	240	21331	20.000	ng	0.00
86) Perylene-d12	15.515	264	16710	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	37359	118.744	ng	0.00
7) Phenol-d6	6.504	99	53703	136.156	ng	0.00
23) Nitrobenzene-d5	7.434	82	36467	96.101	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	14605	125.584	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	72711	78.844	ng	0.00
79) Terphenyl-d14	12.986	244	102410	82.296	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	4949	23.498	ng	# 72
25) Isophorone	7.434	82	36465	54.346	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1938	9.406	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1938	6.931	ng	# 18
67) 4-Bromophenyl-phenylether	10.704	248	1240	4.377	ng	# 1
77) Benzidine	12.986	184	1505	2.502	ng	# 83

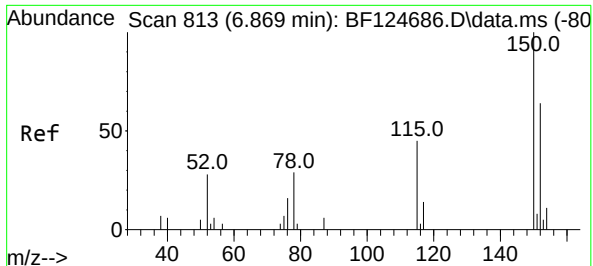
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF124851.D
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
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Response via : Initial Calibration

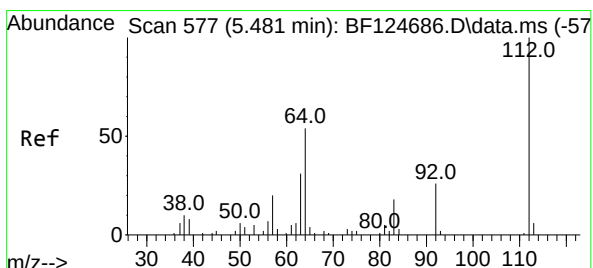
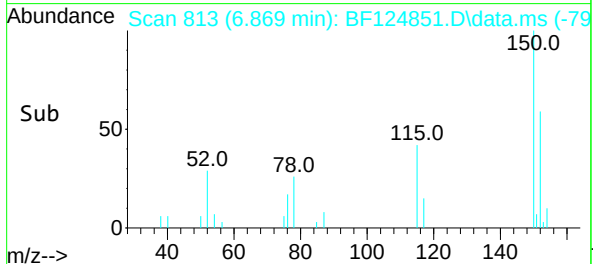
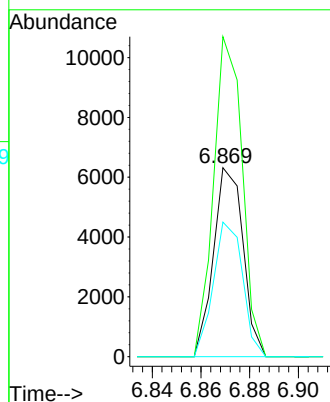
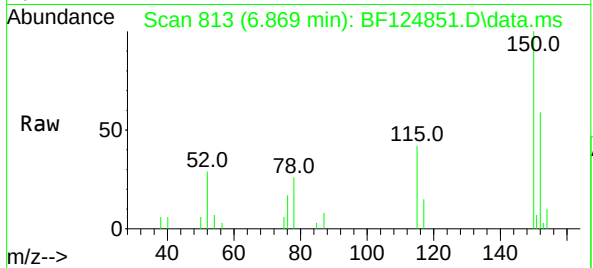




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. 0.000 min
Lab File: BF124851.D
Acq: 29 Jul 2021 15:03

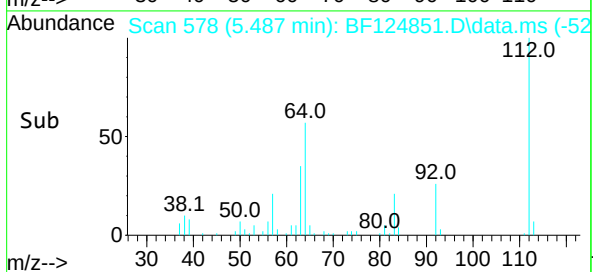
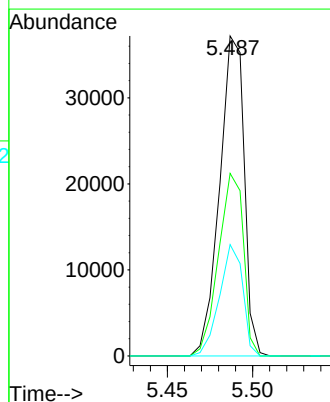
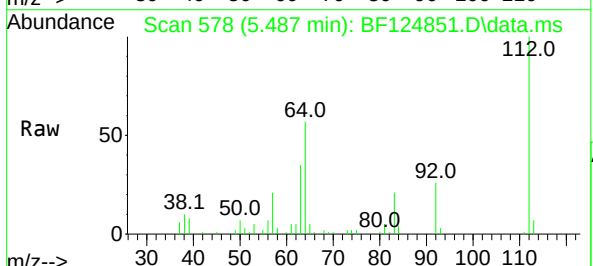
Instrument :
BNA_F
ClientSampleId :
20210590-AMENDED-COM-4

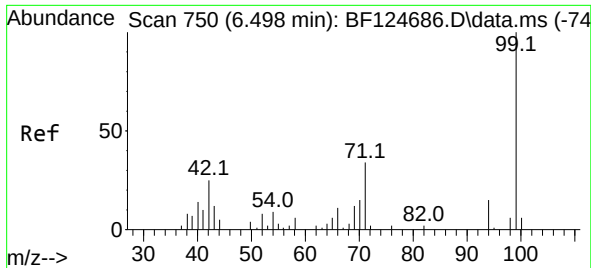
Tgt Ion:152 Resp: 5327
Ion Ratio Lower Upper
152 100
150 169.3 117.6 176.4
115 71.2 47.1 70.7#



#5
2-Fluorophenol
Concen: 118.744 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124851.D
Acq: 29 Jul 2021 15:03

Tgt Ion:112 Resp: 37359
Ion Ratio Lower Upper
112 100
64 57.1 44.2 66.2
63 34.8 26.2 39.2

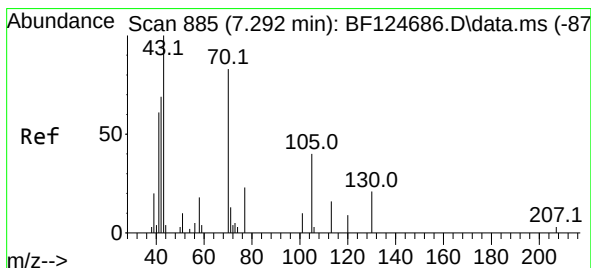
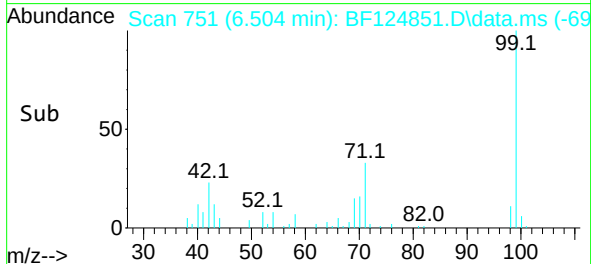
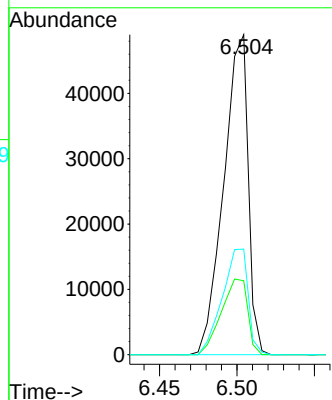
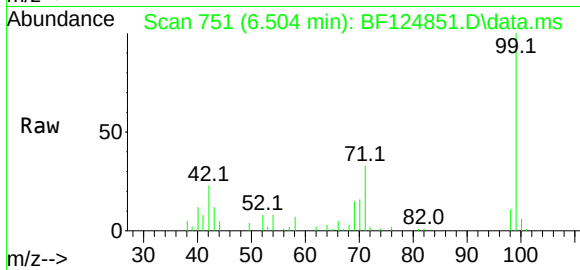




#7
Phenol-d6
Concen: 136.156 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF124851.D
Acq: 29 Jul 2021 15:03

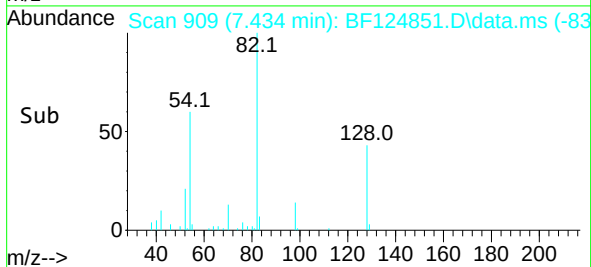
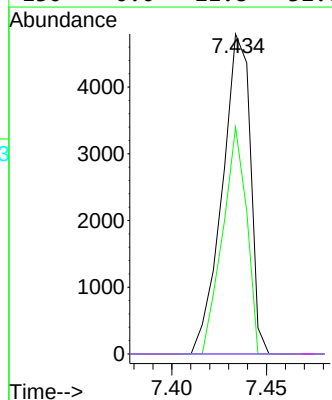
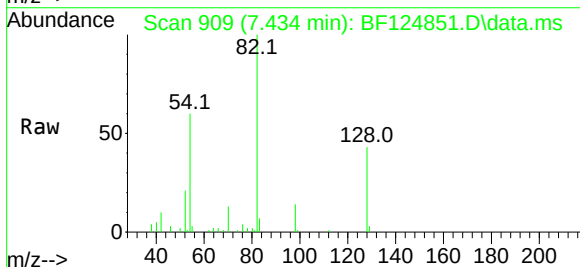
Instrument :
BNA_F
ClientSampleId :
20210590-AMENDED-COM-4

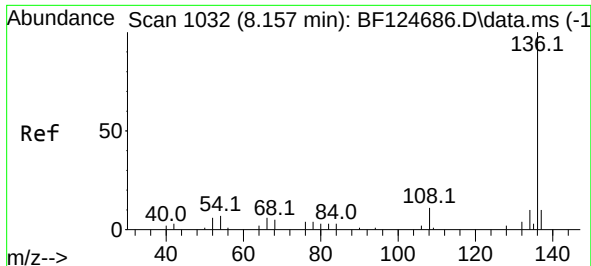
Tgt Ion: 99 Resp: 53703
Ion Ratio Lower Upper
99 100
42 23.1 23.5 35.3#
71 33.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 23.498 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124851.D
Acq: 29 Jul 2021 15:03

Tgt Ion: 70 Resp: 4949
Ion Ratio Lower Upper
70 100
42 70.9 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

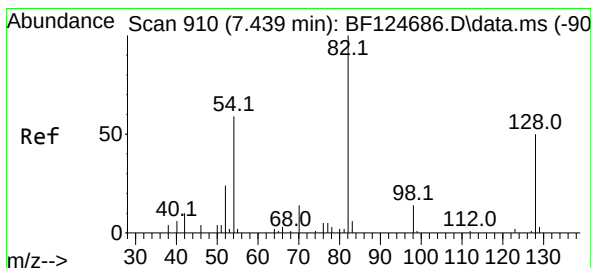
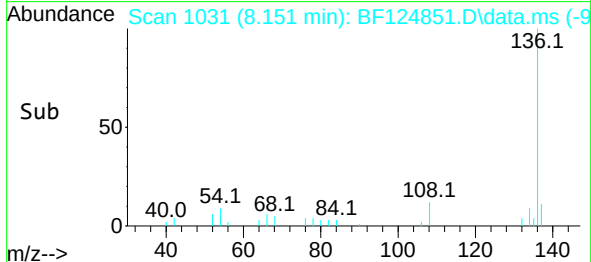
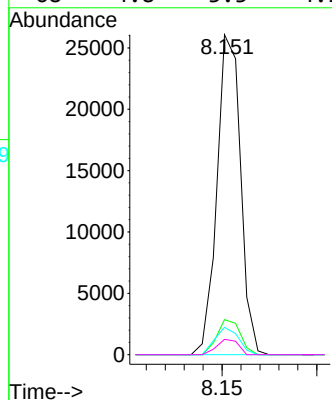
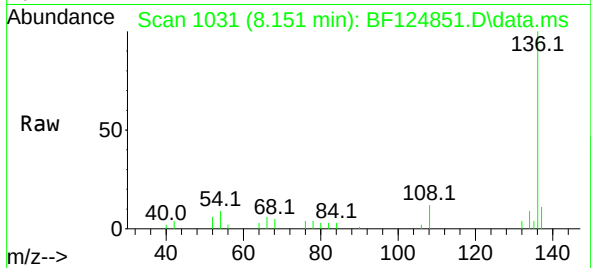




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124851.D
Acq: 29 Jul 2021 15:03

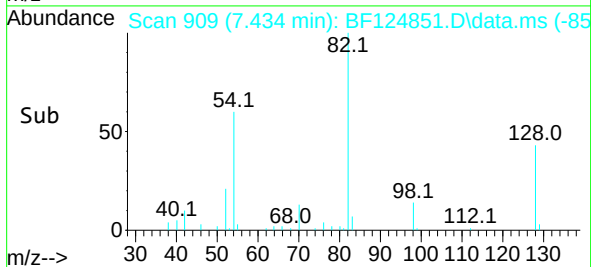
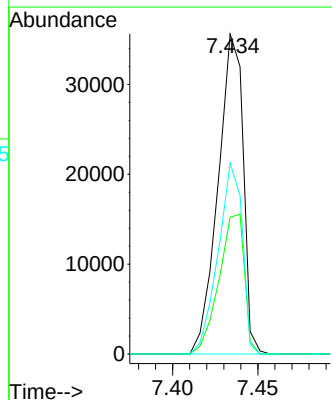
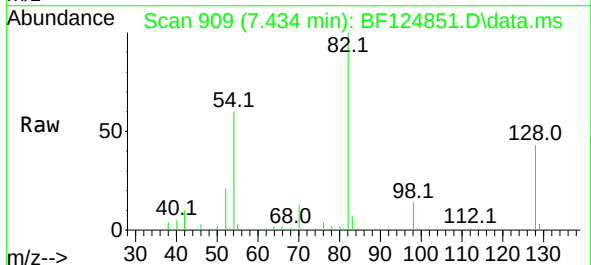
Instrument :
BNA_F
ClientSampleId :
20210590-AMENDED-COM-4

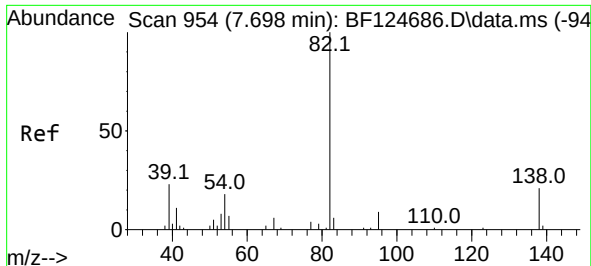
Tgt Ion:136	Resp:	22585
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.8 14.6
54	8.6	6.4 9.6
68	4.8	3.3 4.9



#23
Nitrobenzene-d5
Concen: 96.101 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124851.D
Acq: 29 Jul 2021 15:03

Tgt Ion: 82	Resp:	36467
Ion Ratio	Lower	Upper
82	100	
128	42.7	40.6 60.8
54	59.7	49.6 74.4

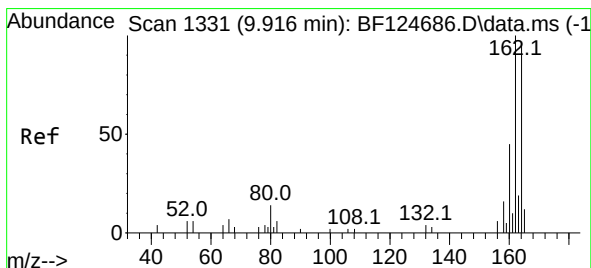
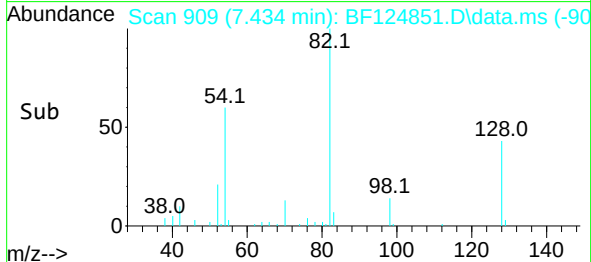
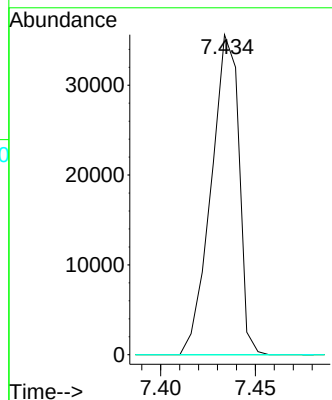
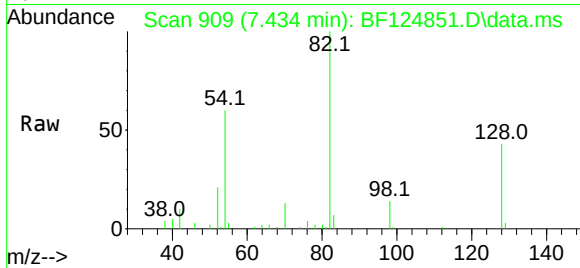




#25
Isophorone
Concen: 54.346 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124851.D
Acq: 29 Jul 2021 15:03

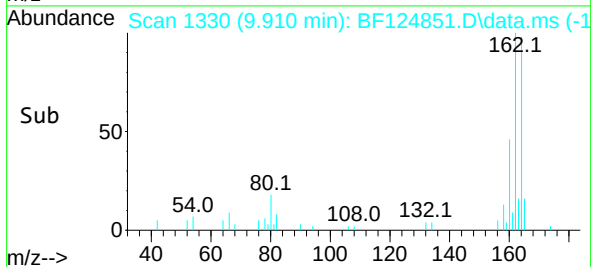
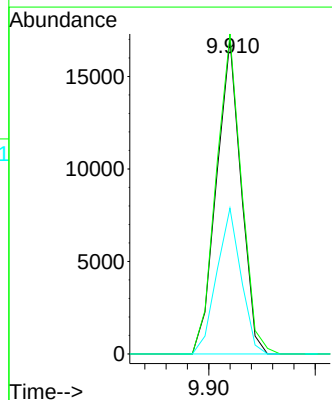
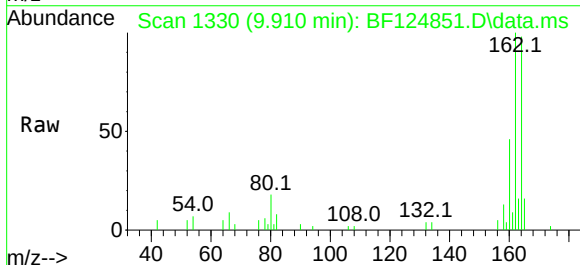
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ClientSampleId :
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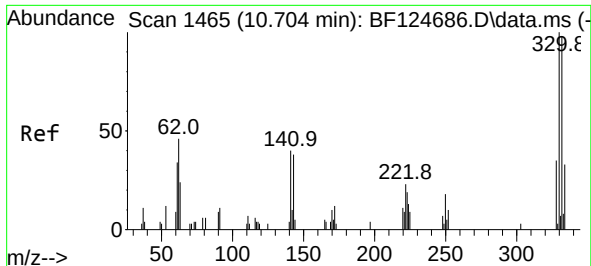
Tgt Ion: 82 Resp: 36465
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124851.D
Acq: 29 Jul 2021 15:03

Tgt Ion:164 Resp: 13545
Ion Ratio Lower Upper
164 100
162 101.7 81.3 121.9
160 46.3 38.0 57.0

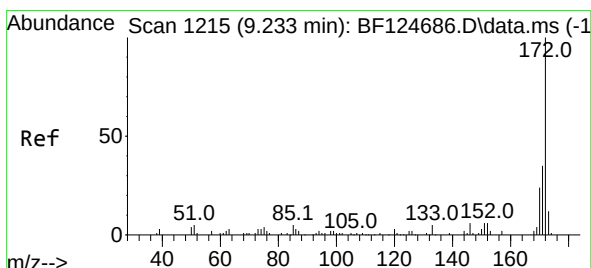
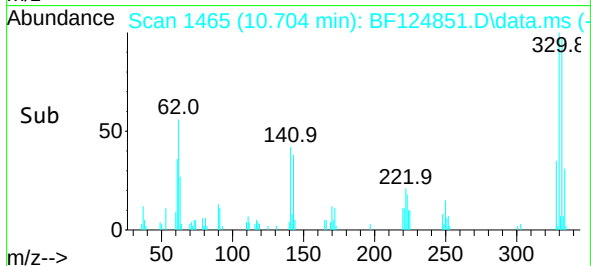
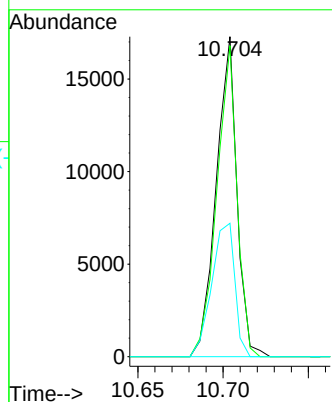
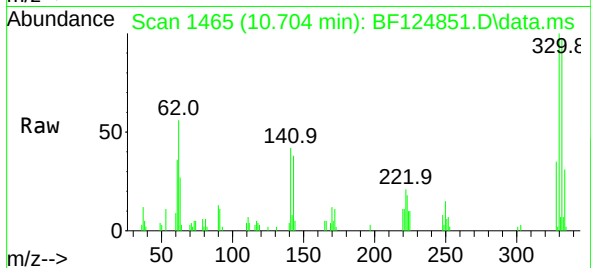




#42
2,4,6-Tribromophenol
Concen: 125.584 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF124851.D
Acq: 29 Jul 2021 15:03

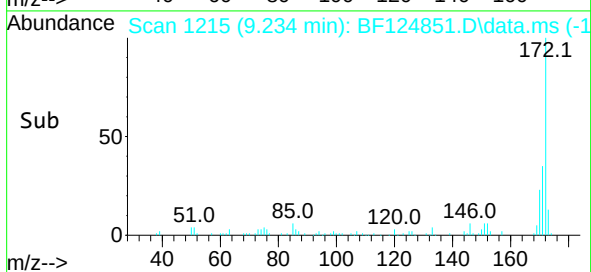
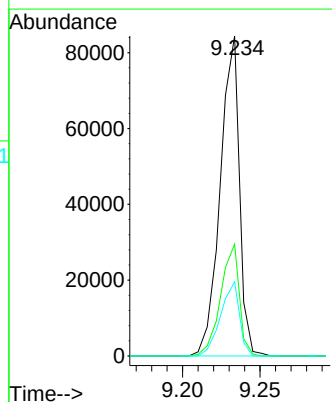
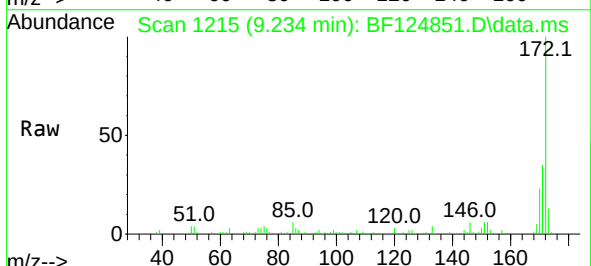
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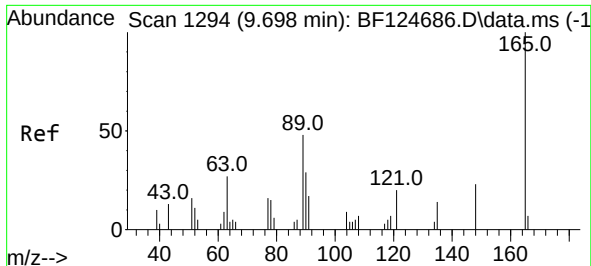
Tgt Ion: 330 Resp: 14605
Ion Ratio Lower Upper
330 100
332 94.9 76.2 114.4
141 46.4 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 78.844 ng
RT: 9.234 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF124851.D
Acq: 29 Jul 2021 15:03

Tgt Ion: 172 Resp: 72711
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 23.1 18.8 28.2

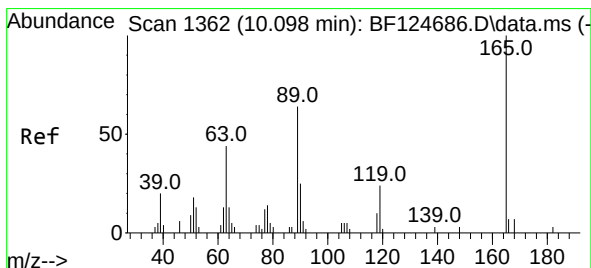
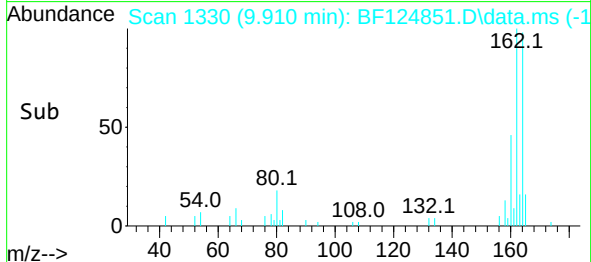
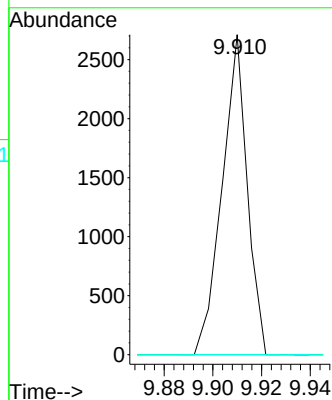
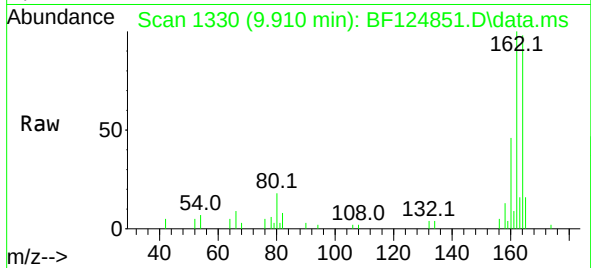




#51
2,6-Dinitrotoluene
Concen: 9.406 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124851.D
Acq: 29 Jul 2021 15:03

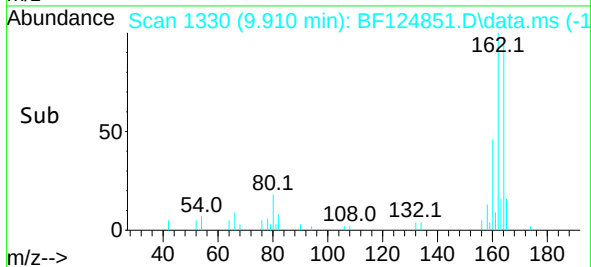
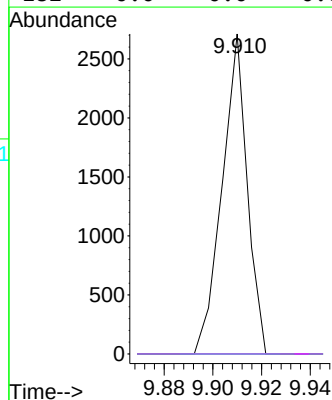
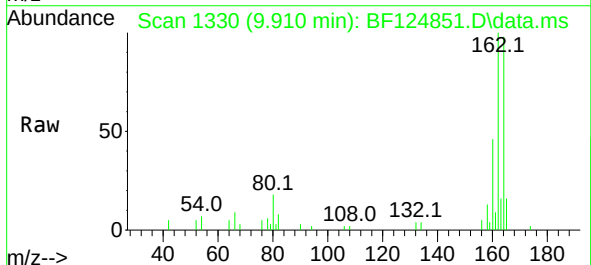
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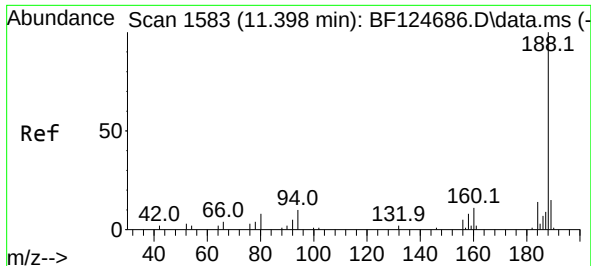
Tgt Ion:165 Resp: 1938
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.931 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124851.D
Acq: 29 Jul 2021 15:03

Tgt Ion:165 Resp: 1938
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

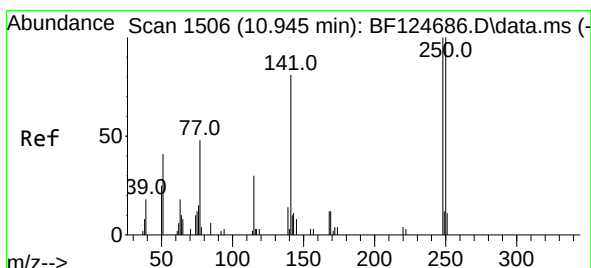
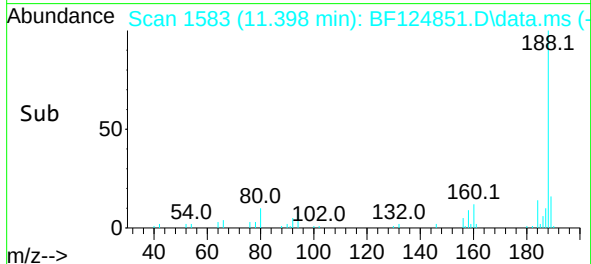
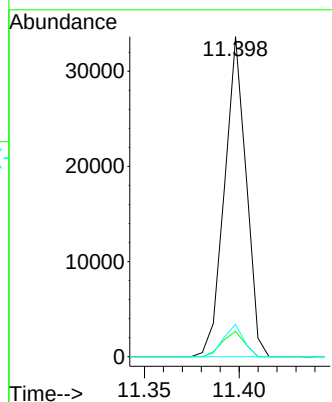
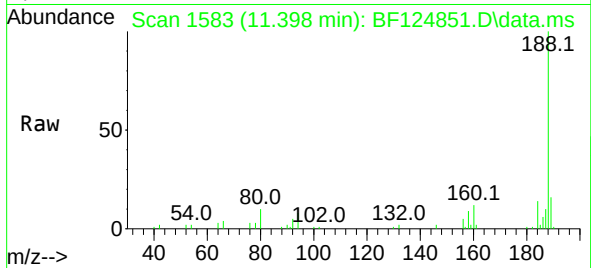




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF124851.D
Acq: 29 Jul 2021 15:03

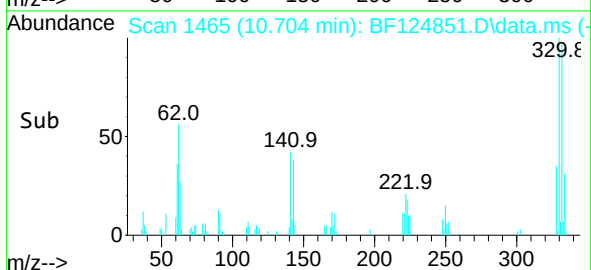
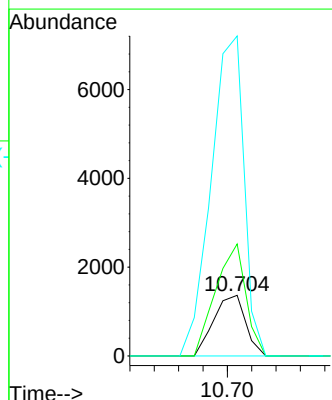
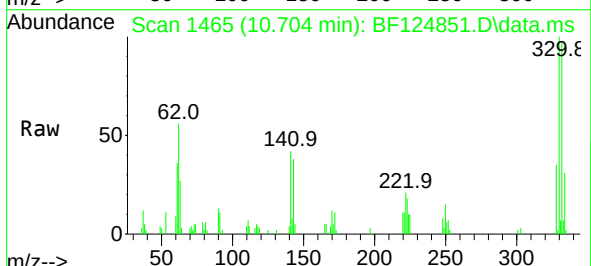
Instrument :
BNA_F
ClientSampleId :
20210590-AMENDED-COM-4

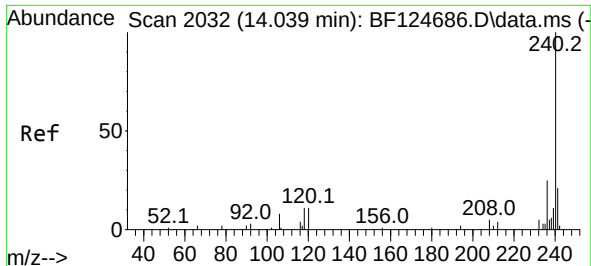
Tgt Ion:188 Resp: 26715
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 10.1 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.377 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.241 min
Lab File: BF124851.D
Acq: 29 Jul 2021 15:03

Tgt Ion:248 Resp: 1240
Ion Ratio Lower Upper
248 100
250 184.8 74.2 111.4#
141 528.0 60.4 90.6#

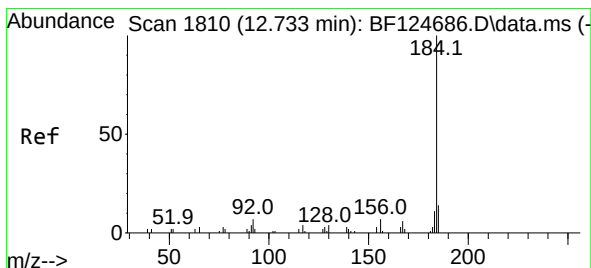
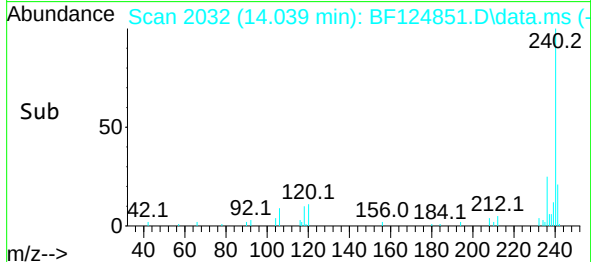
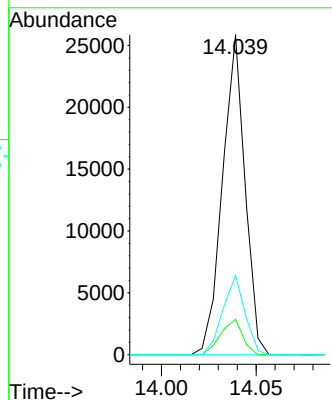
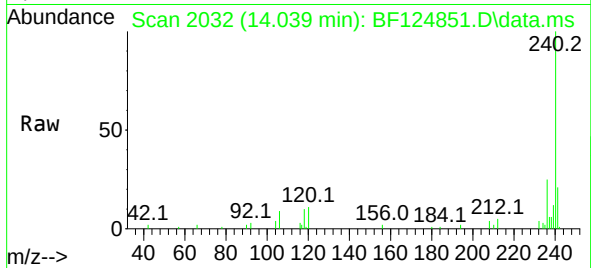




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF124851.D
Acq: 29 Jul 2021 15:03

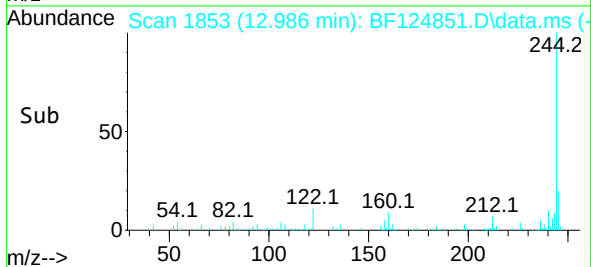
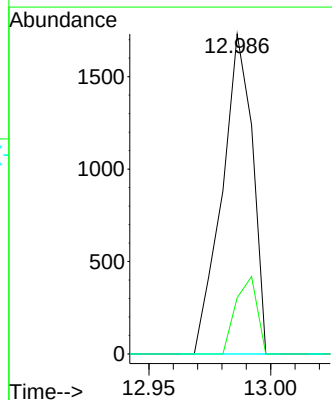
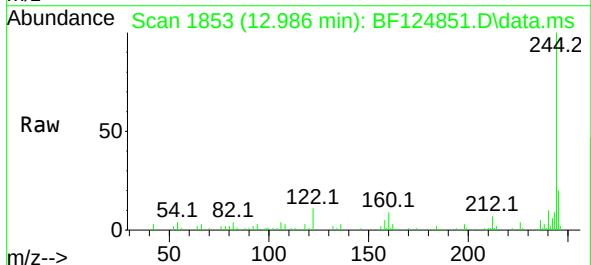
Instrument :
BNA_F
ClientSampleId :
20210590-AMENDED-COM-4

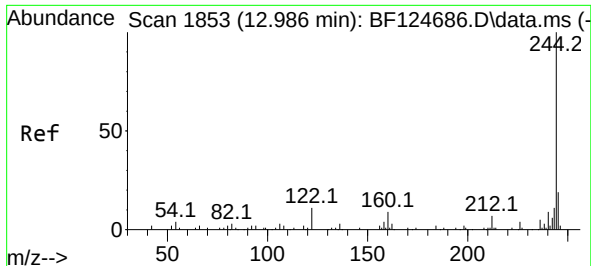
Tgt Ion:240	Resp:	21331
Ion Ratio	Lower	Upper
240	100	
120	11.0	10.8 16.2
236	24.8	21.6 32.4



#77
Benzidine
Concen: 2.502 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.253 min
Lab File: BF124851.D
Acq: 29 Jul 2021 15:03

Tgt Ion:184	Resp:	1505
Ion Ratio	Lower	Upper
184	100	
185	17.6	10.8 16.2#
183	0.0	8.1 12.1#

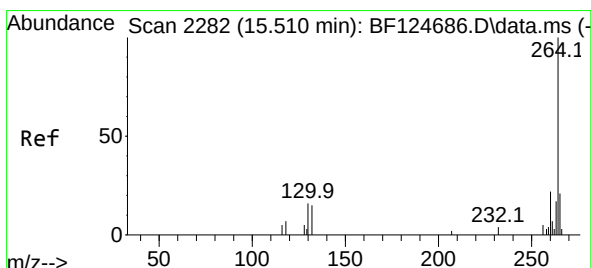
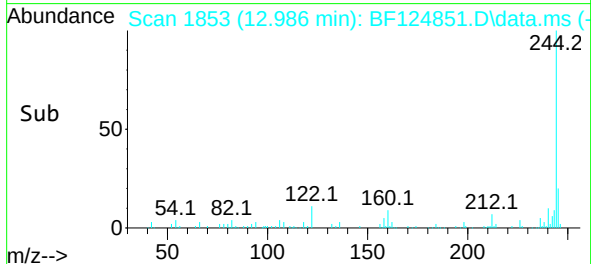
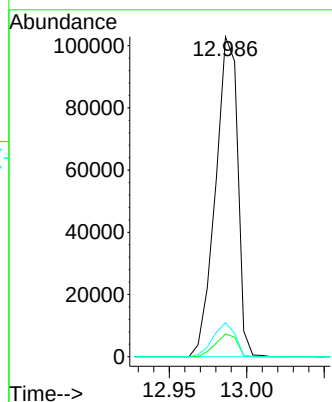
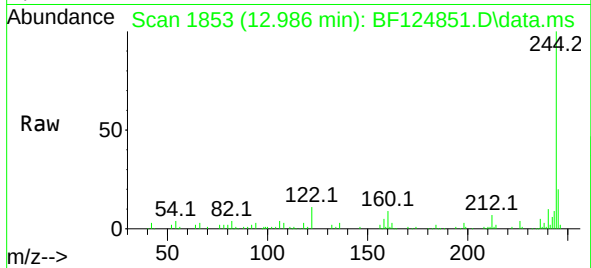




#79
Terphenyl-d14
Concen: 82.296 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF124851.D
Acq: 29 Jul 2021 15:03

Instrument :
BNA_F
ClientSampleId :
20210590-AMENDED-COM-4

Tgt Ion:244 Resp: 102410
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 10.6 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BF124851.D
Acq: 29 Jul 2021 15:03

Tgt Ion:264 Resp: 16710
Ion Ratio Lower Upper
264 100
260 23.9 19.6 29.4
265 21.2 17.2 25.8

