

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
 Data File : BF124774.D
 Acq On : 26 Jul 2021 20:22
 Operator : JU/CG
 Sample : M3152-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COLL-HOLE-B

Quant Time: Jul 27 04:25:24 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)

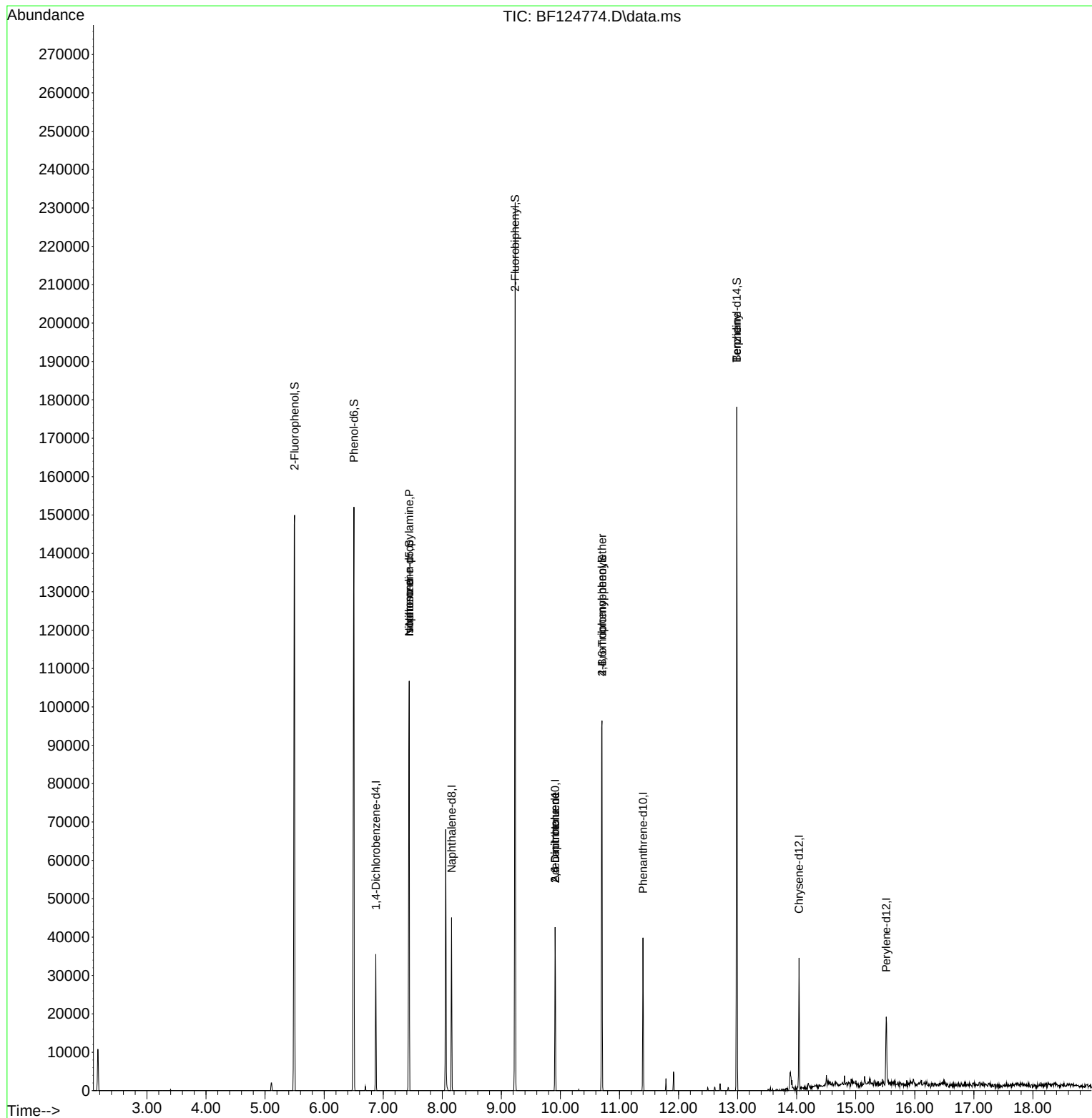
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	5047	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	17913	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	8787	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	14765	20.000	ng	0.00
76) Chrysene-d12	14.039	240	11887	20.000	ng	0.00
86) Perylene-d12	15.515	264	9528	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	44890	150.596	ng	0.02
7) Phenol-d6	6.504	99	51304	137.290	ng	0.00
23) Nitrobenzene-d5	7.440	82	31920	106.057	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	10666	141.375	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	62093	103.789	ng	0.00
79) Terphenyl-d14	12.986	244	57200	82.484	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.440	70	4399	22.045	ng	# 66
25) Isophorone	7.440	82	31918	59.976	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1088	8.140	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1088	5.998	ng	# 18
67) 4-Bromophenyl-phenylether	10.704	248	650	4.151	ng	# 1
77) Benzidine	12.986	184	779	2.324	ng	# 69

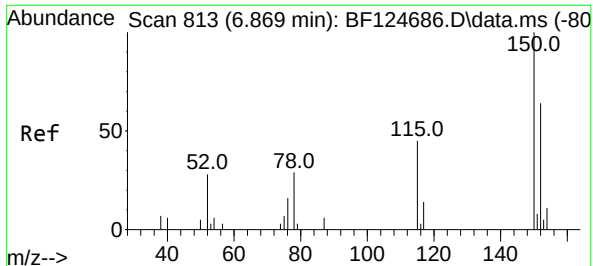
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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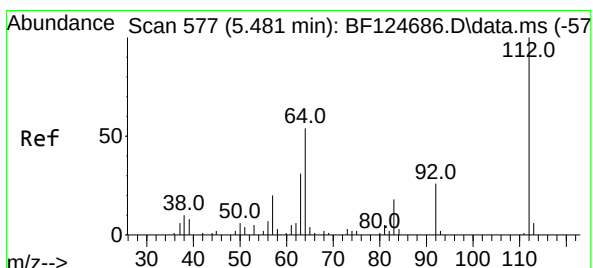
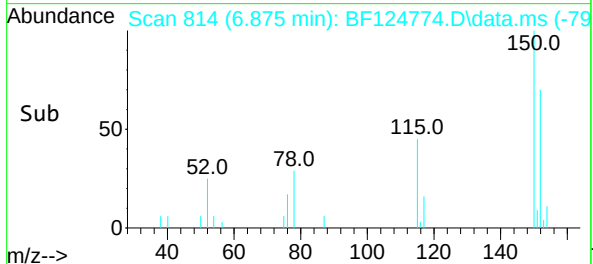
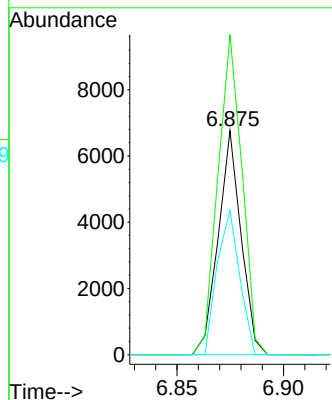
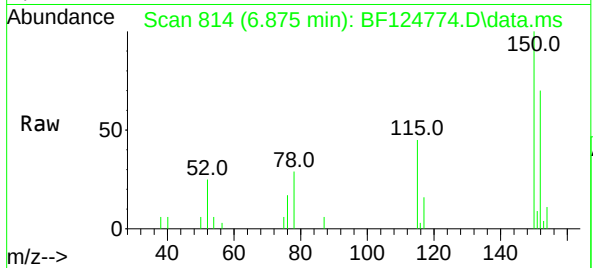




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.006 min
Lab File: BF124774.D
Acq: 26 Jul 2021 20:22

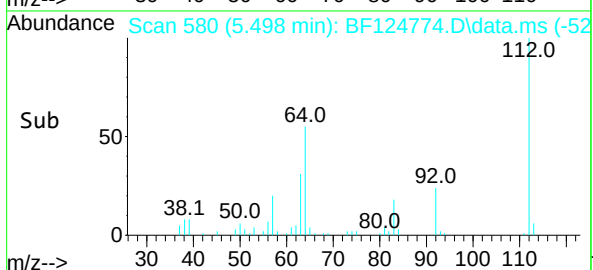
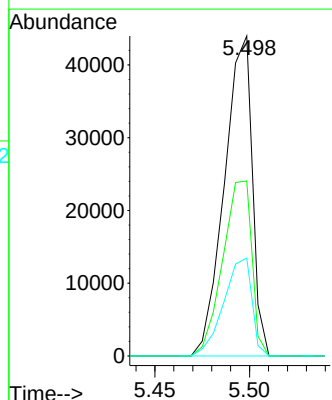
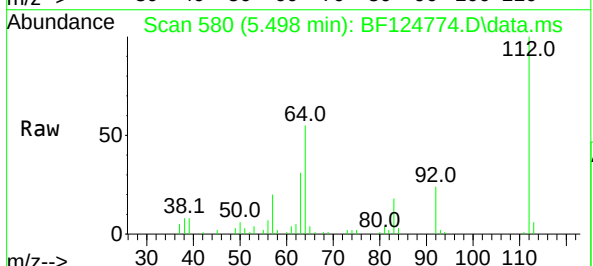
Instrument :
BNA_F
ClientSampleId :
COLL-HOLE-B

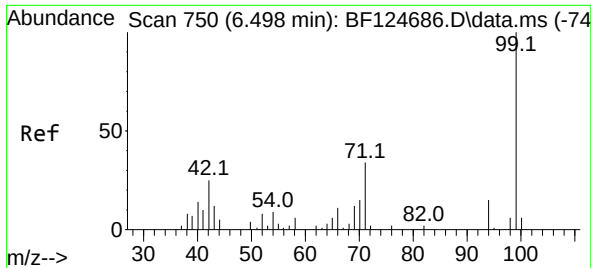
Tgt Ion:152 Resp: 5047
Ion Ratio Lower Upper
152 100
150 142.9 117.6 176.4
115 64.5 47.1 70.7



#5
2-Fluorophenol
Concen: 150.596 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF124774.D
Acq: 26 Jul 2021 20:22

Tgt Ion:112 Resp: 44890
Ion Ratio Lower Upper
112 100
64 54.7 44.2 66.2
63 30.6 26.2 39.2

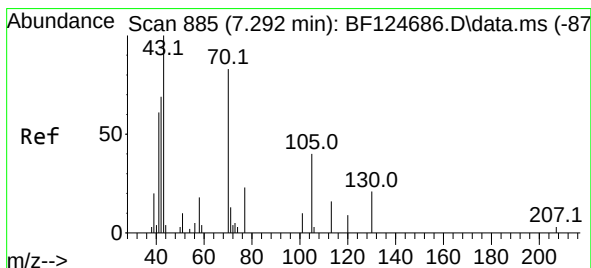
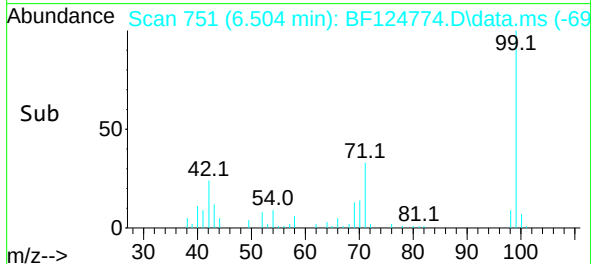
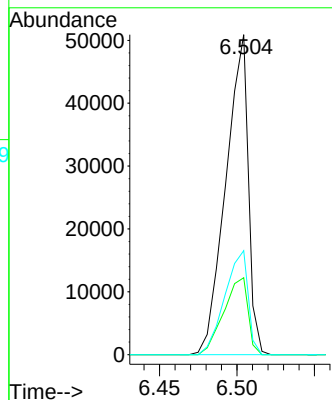
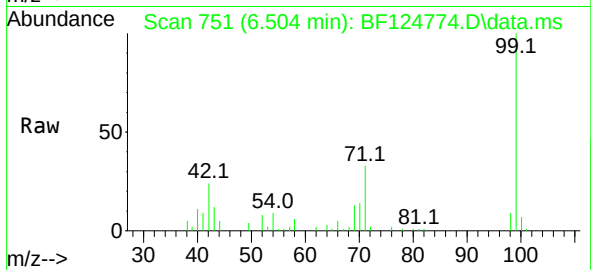




#7
Phenol-d6
Concen: 137.290 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF124774.D
Acq: 26 Jul 2021 20:22

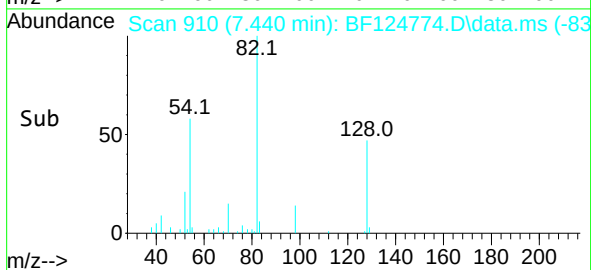
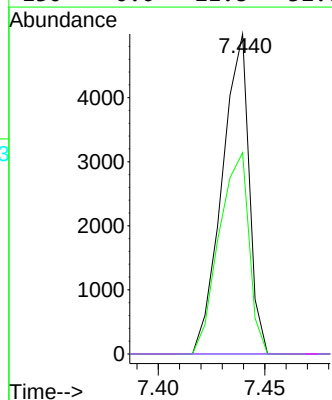
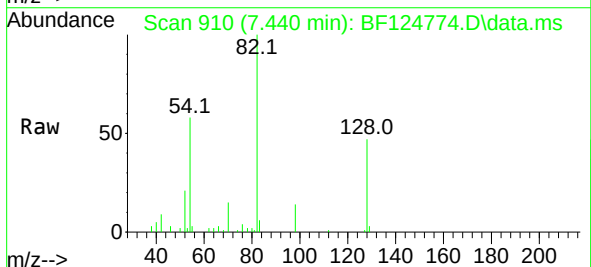
Instrument :
BNA_F
ClientSampleId :
COLL-HOLE-B

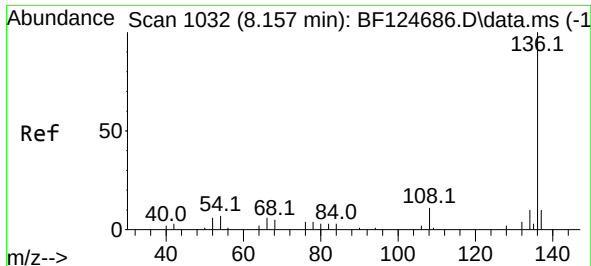
Tgt Ion: 99 Resp: 51304
Ion Ratio Lower Upper
99 100
42 24.0 23.5 35.3
71 32.5 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 22.045 ng
RT: 7.440 min Scan# 910
Delta R.T. 0.147 min
Lab File: BF124774.D
Acq: 26 Jul 2021 20:22

Tgt Ion: 70 Resp: 4399
Ion Ratio Lower Upper
70 100
42 62.9 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

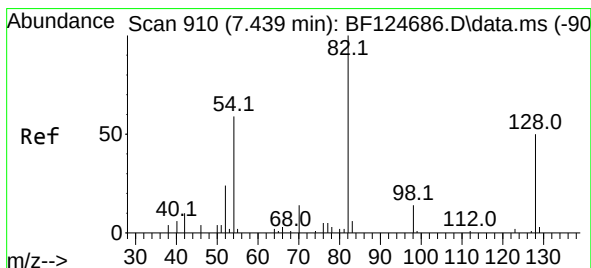
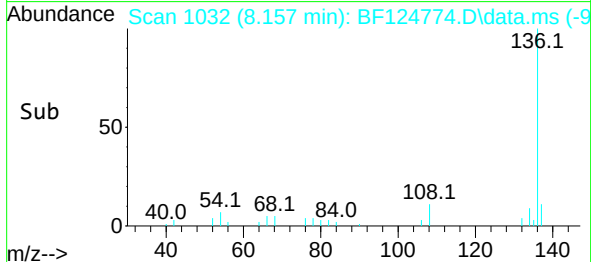
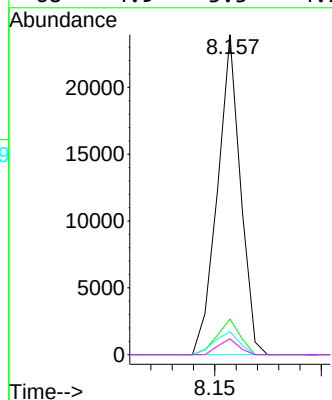
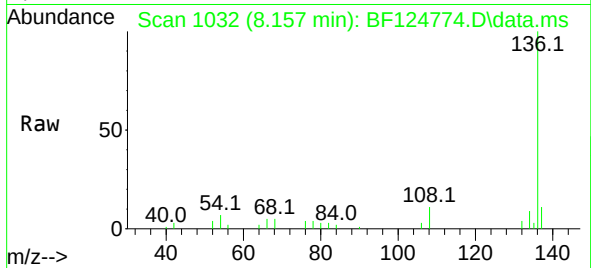




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF124774.D
Acq: 26 Jul 2021 20:22

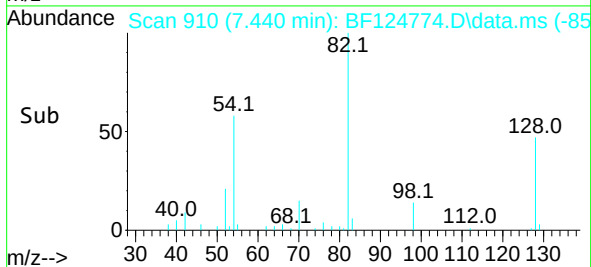
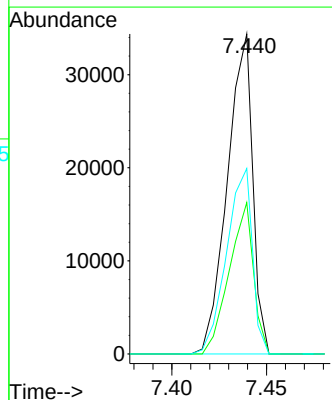
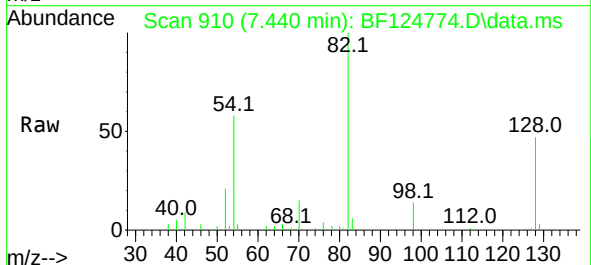
Instrument :
BNA_F
ClientSampleId :
COLL-HOLE-B

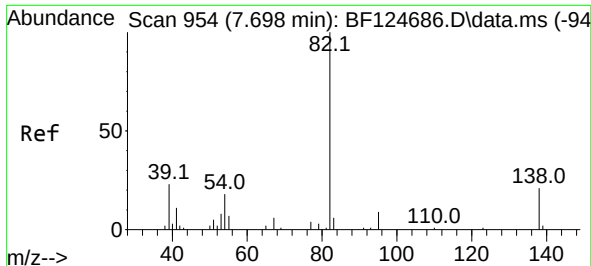
Tgt Ion:136	Resp:	17913
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.8 14.6
54	7.2	6.4 9.6
68	4.9	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 106.057 ng
RT: 7.440 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF124774.D
Acq: 26 Jul 2021 20:22

Tgt Ion: 82	Resp:	31920
Ion Ratio	Lower	Upper
82	100	
128	47.3	40.6 60.8
54	57.9	49.6 74.4

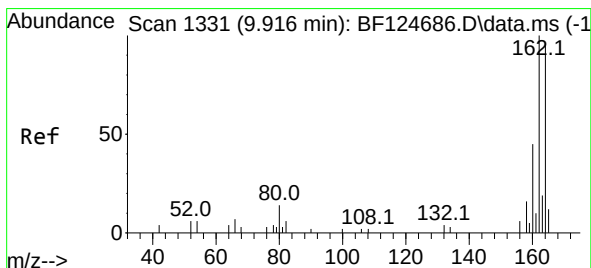
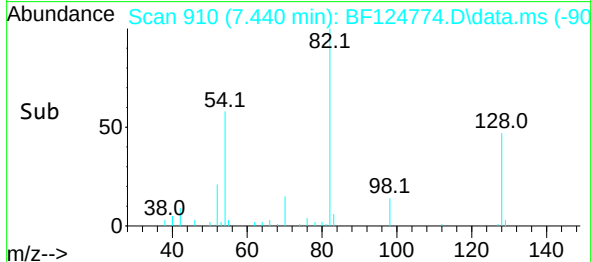
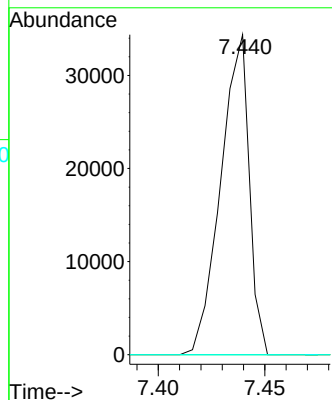
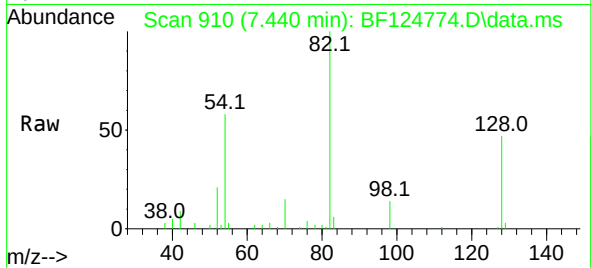




#25
Isophorone
Concen: 59.976 ng
RT: 7.440 min Scan# 910
Delta R.T. -0.259 min
Lab File: BF124774.D
Acq: 26 Jul 2021 20:22

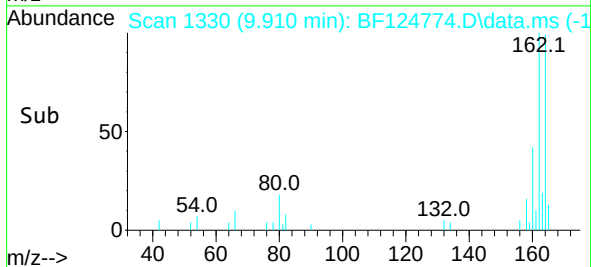
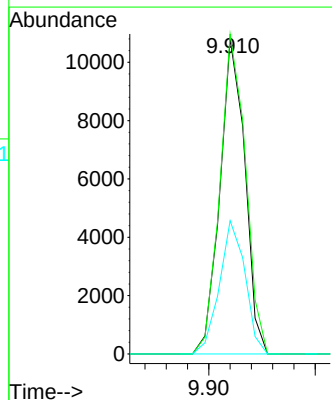
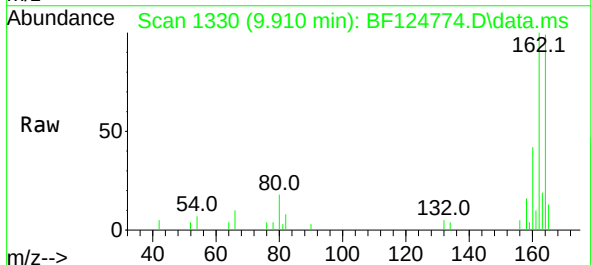
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ClientSampleId :
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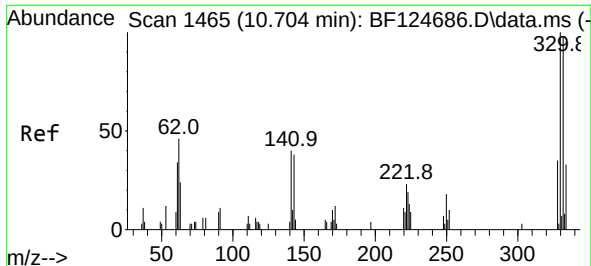
Tgt Ion: 82 Resp: 31918
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124774.D
Acq: 26 Jul 2021 20:22

Tgt Ion: 164 Resp: 8787
Ion Ratio Lower Upper
164 100
162 101.5 81.3 121.9
160 42.3 38.0 57.0

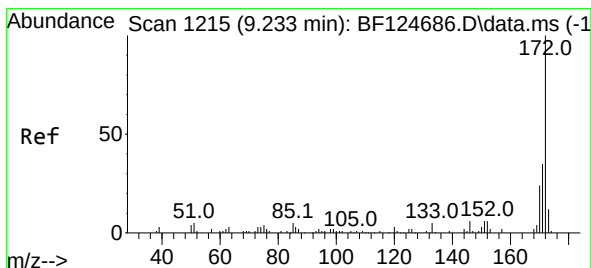
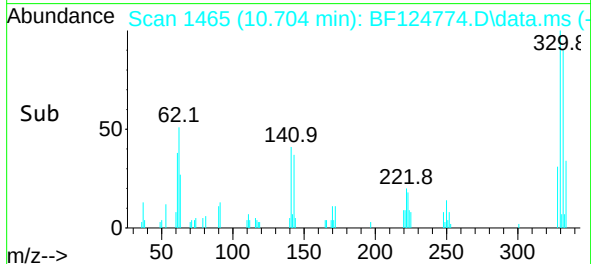
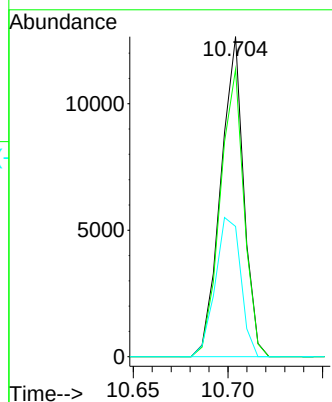
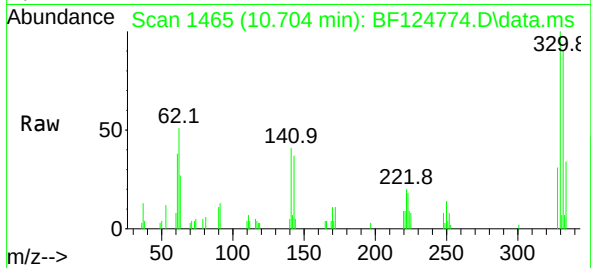




#42
2,4,6-Tribromophenol
Concen: 141.375 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF124774.D
Acq: 26 Jul 2021 20:22

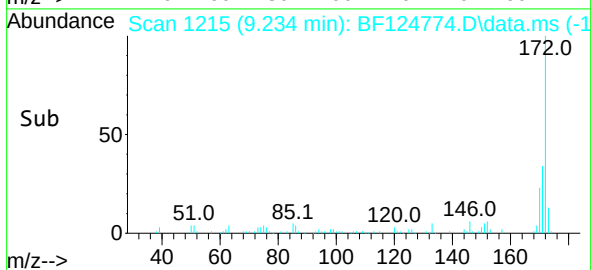
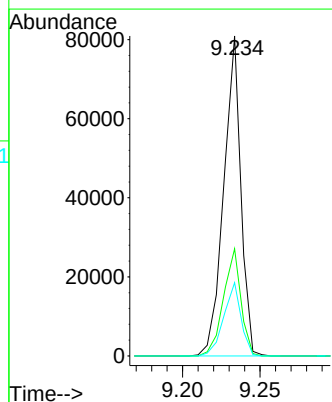
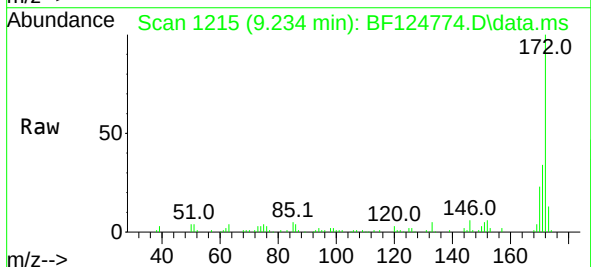
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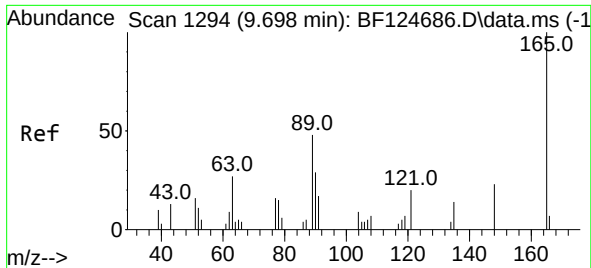
Tgt Ion: 330 Resp: 10666
Ion Ratio Lower Upper
330 100
332 92.6 76.2 114.4
141 48.3 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 103.789 ng
RT: 9.234 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF124774.D
Acq: 26 Jul 2021 20:22

Tgt Ion: 172 Resp: 62093
Ion Ratio Lower Upper
172 100
171 33.5 26.5 39.7
170 22.9 18.8 28.2

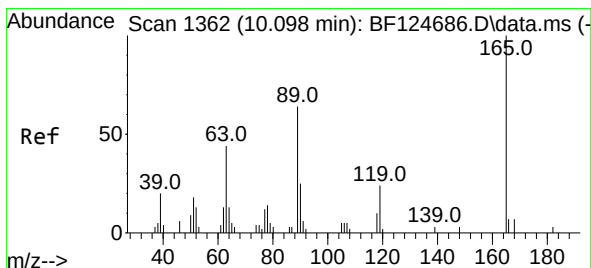
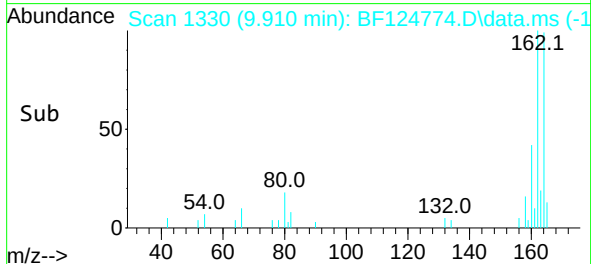
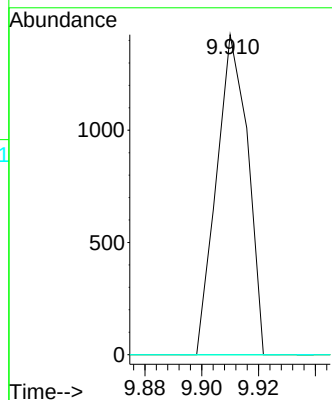
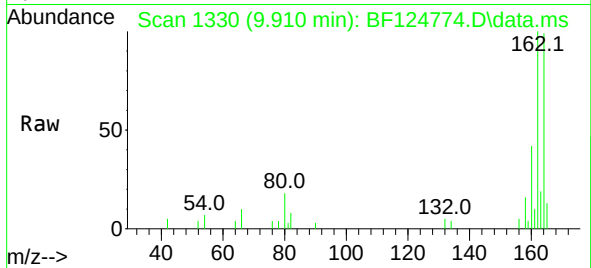




#51
2,6-Dinitrotoluene
Concen: 8.140 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124774.D
Acq: 26 Jul 2021 20:22

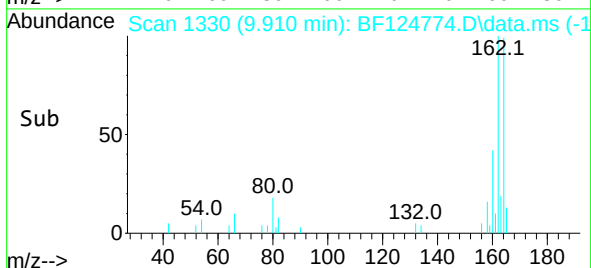
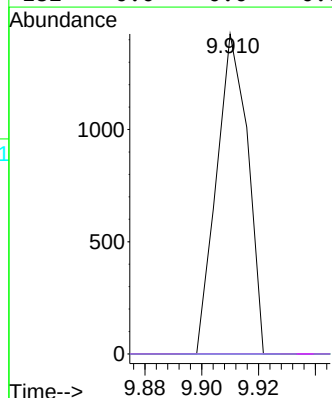
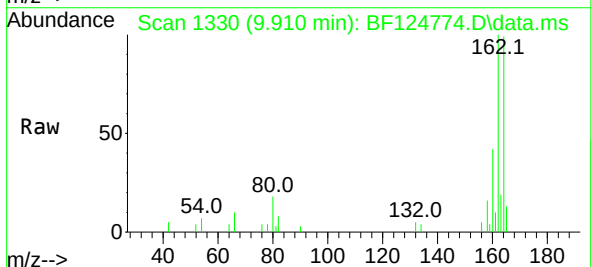
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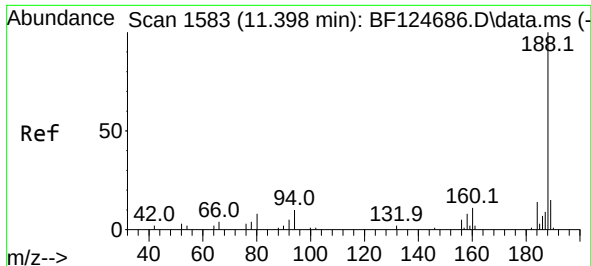
Tgt Ion:165 Resp: 1088
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.998 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124774.D
Acq: 26 Jul 2021 20:22

Tgt Ion:165 Resp: 1088
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

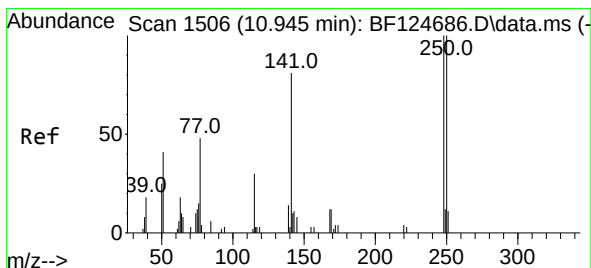
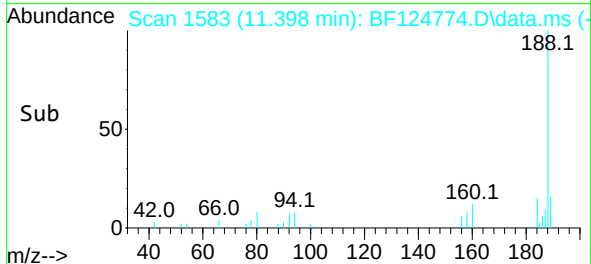
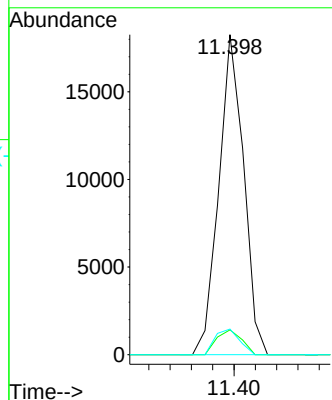
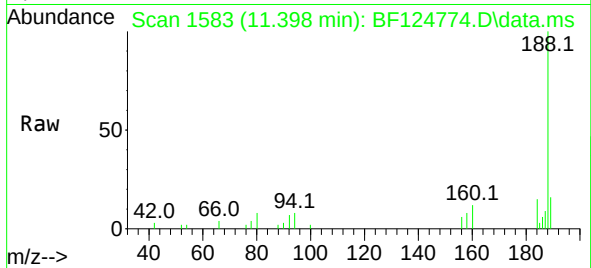




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF124774.D
Acq: 26 Jul 2021 20:22

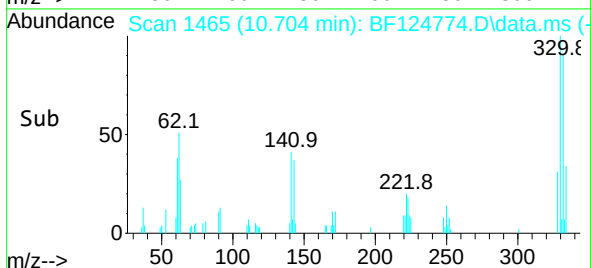
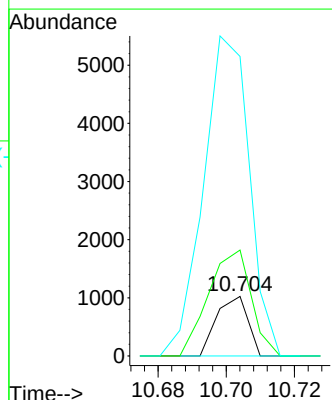
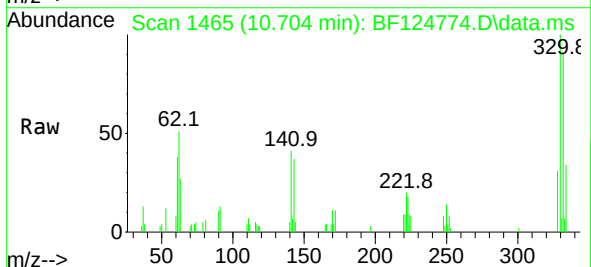
Instrument :
BNA_F
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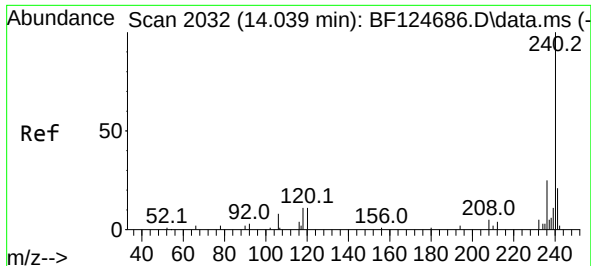
Tgt Ion:188 Resp: 14765
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 8.0 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.151 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.241 min
Lab File: BF124774.D
Acq: 26 Jul 2021 20:22

Tgt Ion:248 Resp: 650
Ion Ratio Lower Upper
248 100
250 177.8 74.2 111.4#
141 502.9 60.4 90.6#

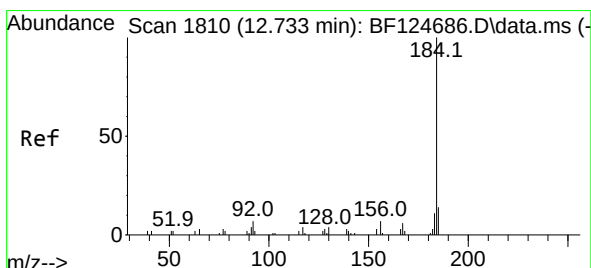
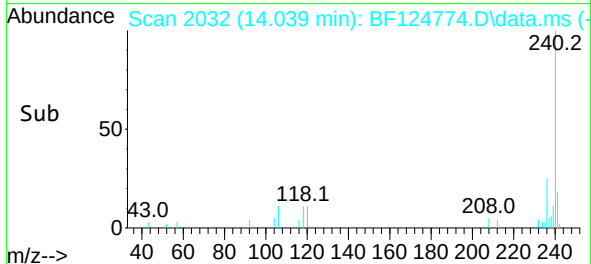
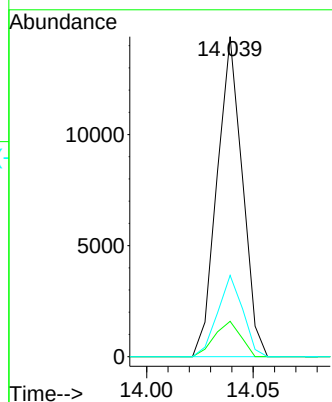
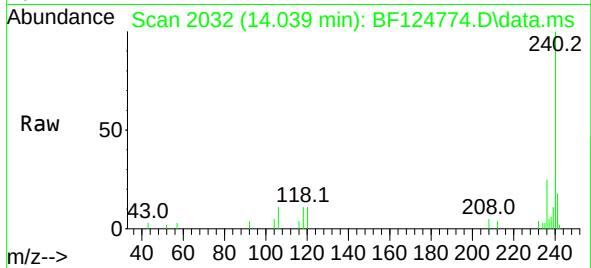




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF124774.D
Acq: 26 Jul 2021 20:22

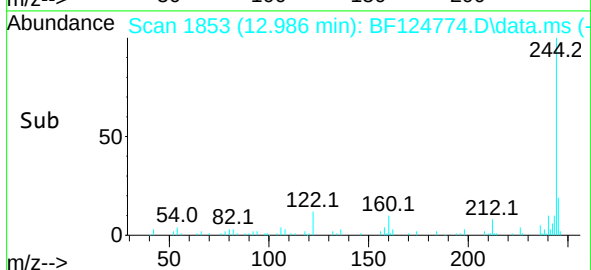
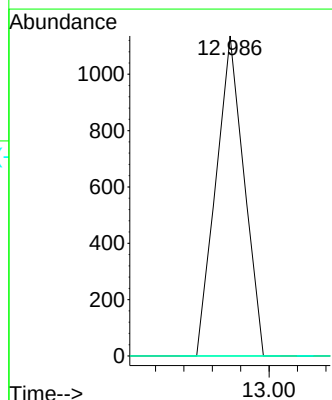
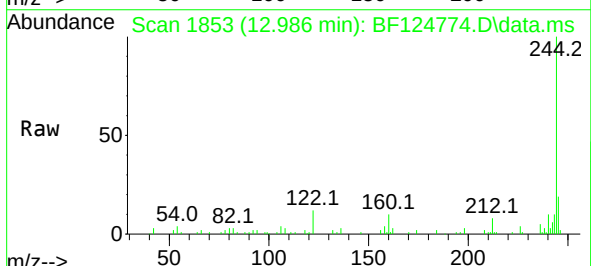
Instrument :
BNA_F
ClientSampleId :
COLL-HOLE-B

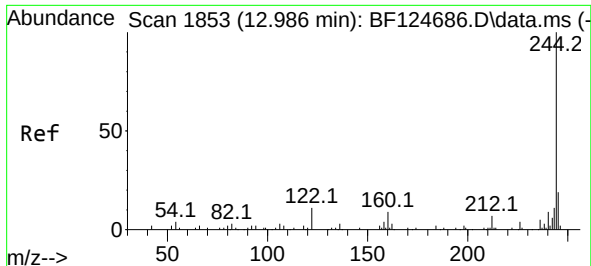
Tgt Ion:240 Resp: 11887
Ion Ratio Lower Upper
240 100
120 11.1 10.8 16.2
236 25.4 21.6 32.4



#77
Benzidine
Concen: 2.324 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.253 min
Lab File: BF124774.D
Acq: 26 Jul 2021 20:22

Tgt Ion:184 Resp: 779
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#

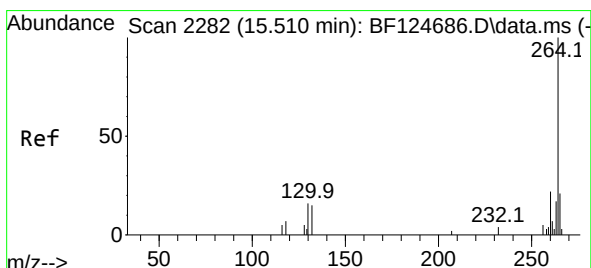
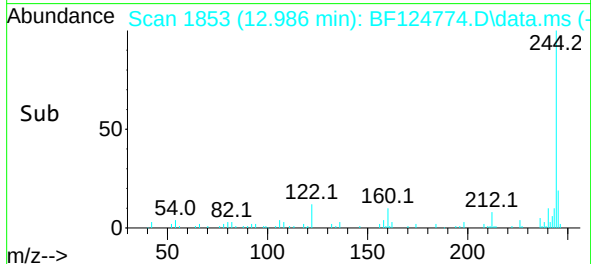
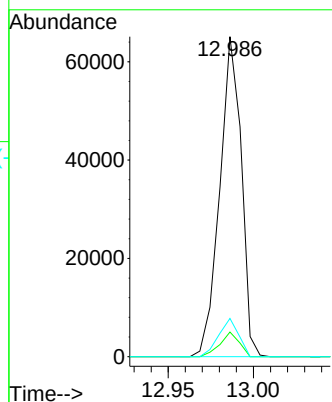
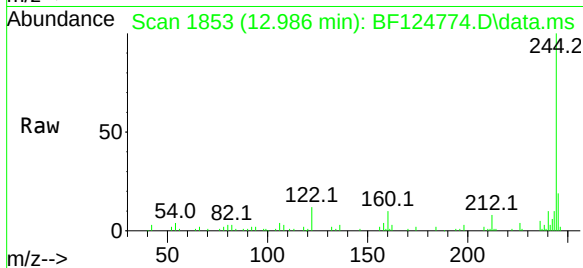




#79
Terphenyl-d14
Concen: 82.484 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF124774.D
Acq: 26 Jul 2021 20:22

Instrument :
BNA_F
ClientSampleId :
COLL-HOLE-B

Tgt Ion:244 Resp: 57200
Ion Ratio Lower Upper
244 100
212 7.7 5.9 8.9
122 12.0 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: BF124774.D
Acq: 26 Jul 2021 20:22

Tgt Ion:264 Resp: 9528
Ion Ratio Lower Upper
264 100
260 22.6 19.6 29.4
265 21.2 17.2 25.8

