

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
 Data File : BF124873.D
 Acq On : 30 Jul 2021 13:13
 Operator : JU/CG
 Sample : PB138063BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138063BL

Quant Time: Jul 30 14:02:10 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)

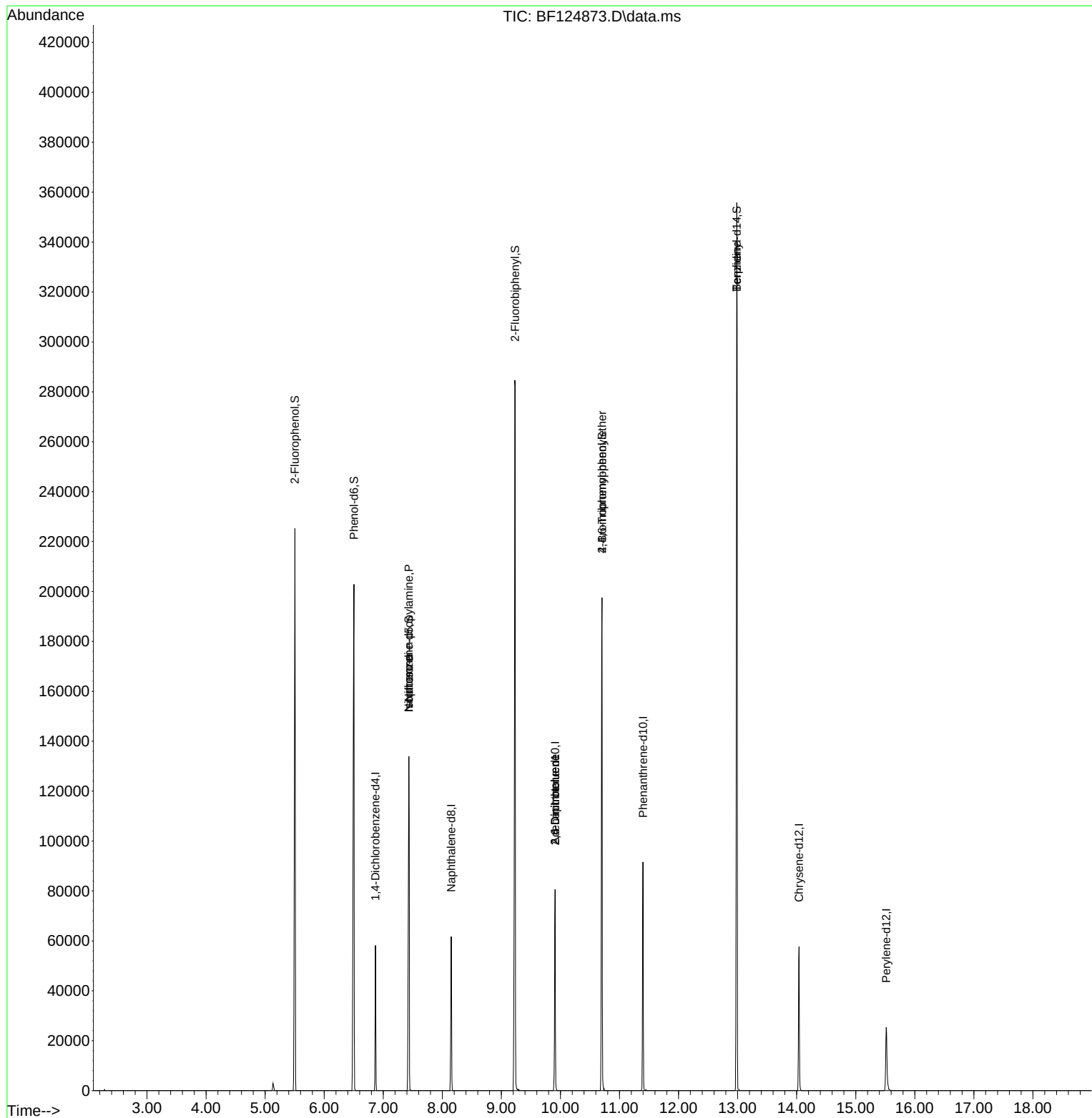
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	7631	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	30268	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	18565	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	34695	20.000	ng	0.00
76) Chrysene-d12	14.039	240	25509	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	19007	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	64246	142.548	ng	0.02
7) Phenol-d6	6.504	99	77892	137.858	ng	0.00
23) Nitrobenzene-d5	7.434	82	52054	102.357	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	22039	138.263	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	110894	87.733	ng	0.00
79) Terphenyl-d14	12.986	244	137378	92.315	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	7159	23.728	ng	# 68
25) Isophorone	7.434	82	52053	57.886	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	2179	7.716	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	2179	5.686	ng	# 18
67) 4-Bromophenyl-phenylether	10.704	248	1665	4.525	ng	# 1
77) Benzidine	12.986	184	1899	2.640	ng	# 82

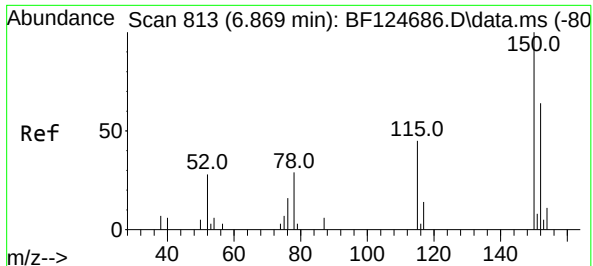
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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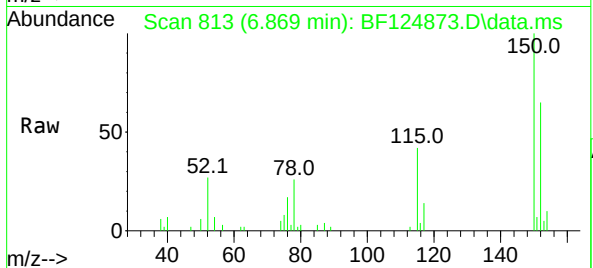
Quant Time: Jul 30 14:02:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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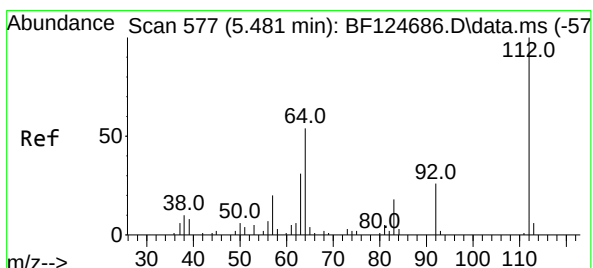
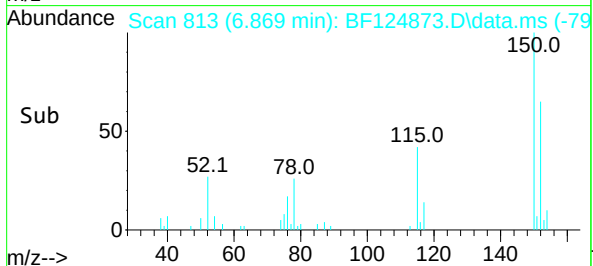
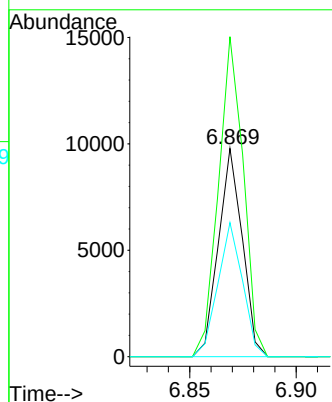


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124873.D
Acq: 30 Jul 2021 13:13

Instrument :
BNA_F
ClientSampleId :
PB138063BL

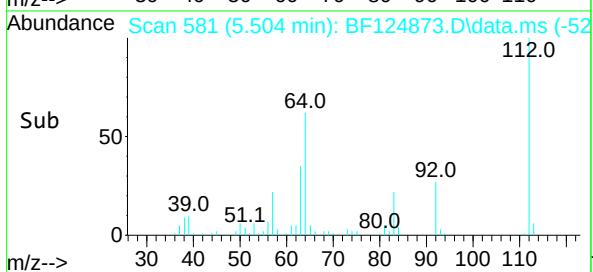
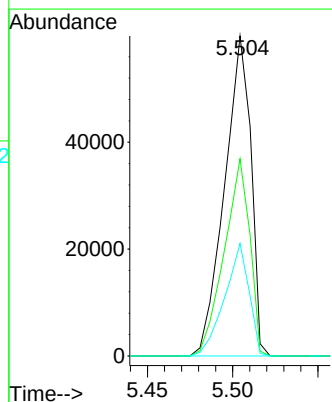
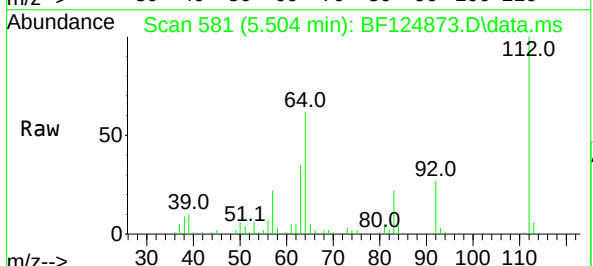


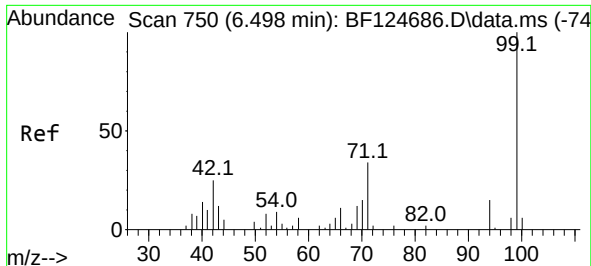
Tgt Ion:152 Resp: 7631
Ion Ratio Lower Upper
152 100
150 153.6 117.6 176.4
115 64.4 47.1 70.7



#5
2-Fluorophenol
Concen: 142.548 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.023 min
Lab File: BF124873.D
Acq: 30 Jul 2021 13:13

Tgt Ion:112 Resp: 64246
Ion Ratio Lower Upper
112 100
64 61.6 44.2 66.2
63 35.1 26.2 39.2

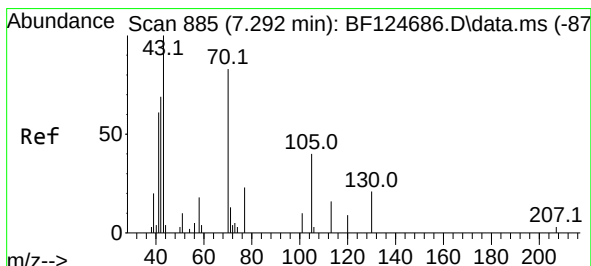
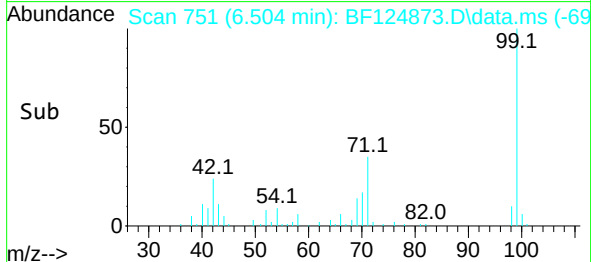
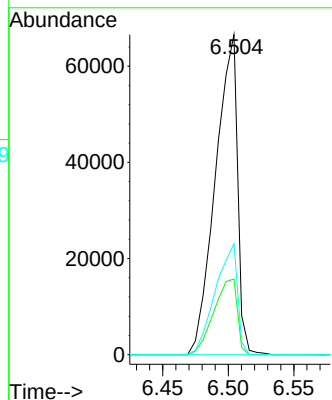
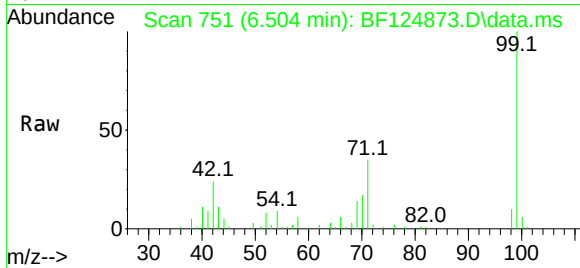




#7
Phenol-d6
Concen: 137.858 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF124873.D
Acq: 30 Jul 2021 13:13

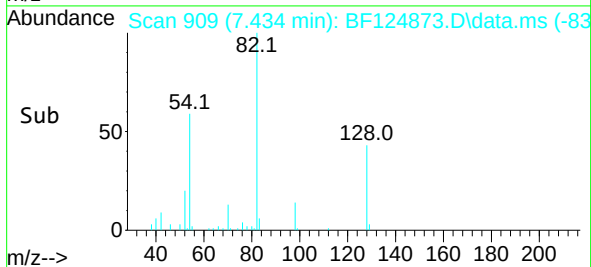
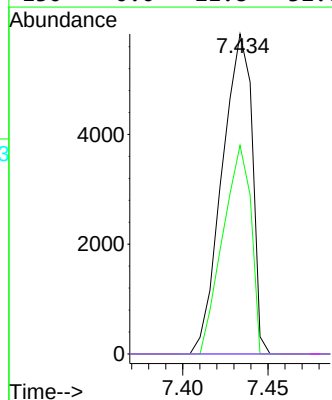
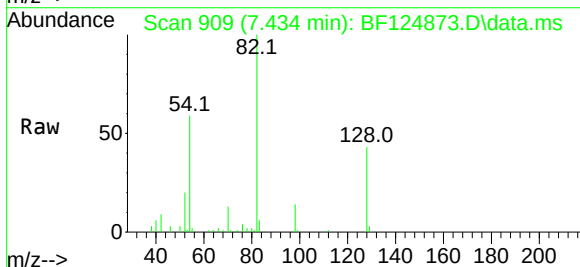
Instrument :
BNA_F
ClientSampleId :
PB138063BL

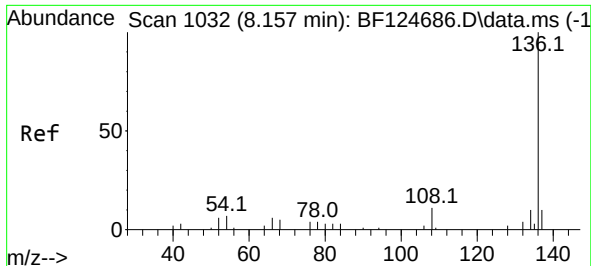
Tgt Ion:	99	Resp:	77892
Ion	Ratio	Lower	Upper
99	100		
42	23.6	23.5	35.3
71	34.7	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 23.728 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124873.D
Acq: 30 Jul 2021 13:13

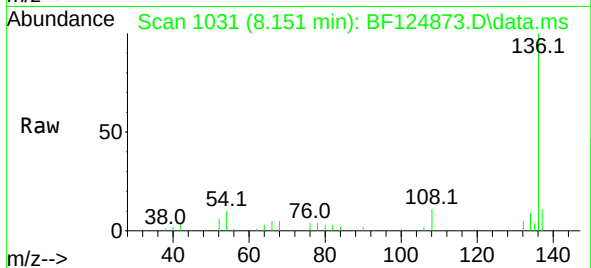
Tgt Ion:	70	Resp:	7159
Ion	Ratio	Lower	Upper
70	100		
42	65.2	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#



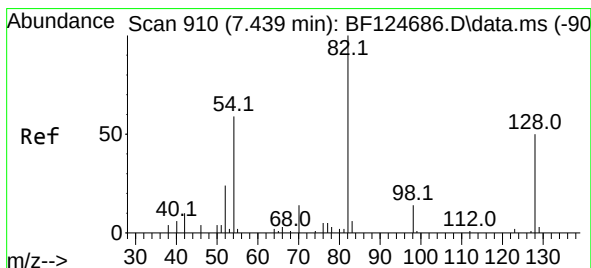
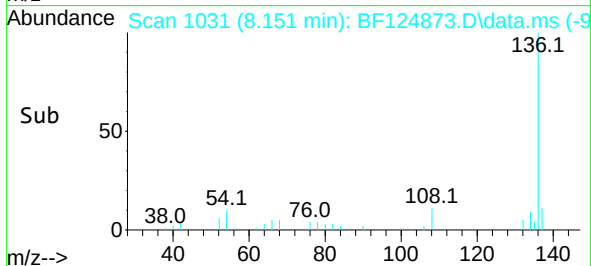
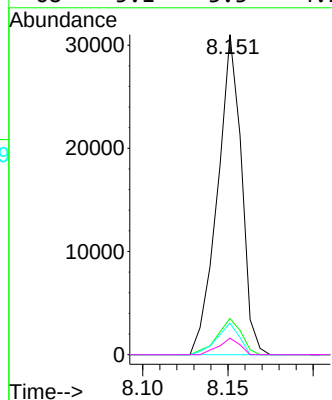


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124873.D
Acq: 30 Jul 2021 13:13

Instrument :
BNA_F
ClientSampleId :
PB138063BL

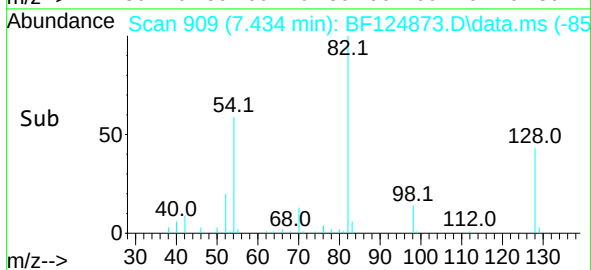
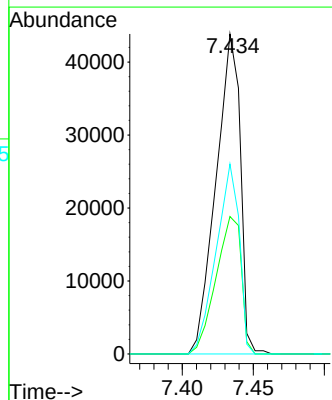
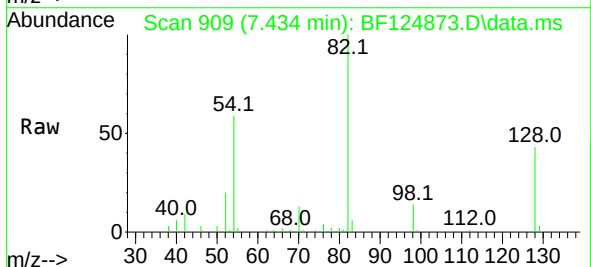


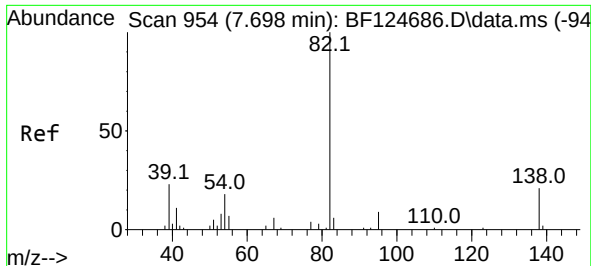
Tgt Ion:136 Resp: 30268
Ion Ratio Lower Upper
136 100
137 11.3 9.8 14.6
54 9.9 6.4 9.6#
68 5.1 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 102.357 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124873.D
Acq: 30 Jul 2021 13:13

Tgt Ion: 82 Resp: 52054
Ion Ratio Lower Upper
82 100
128 43.0 40.6 60.8
54 59.4 49.6 74.4

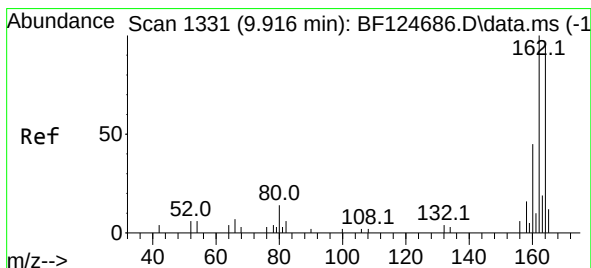
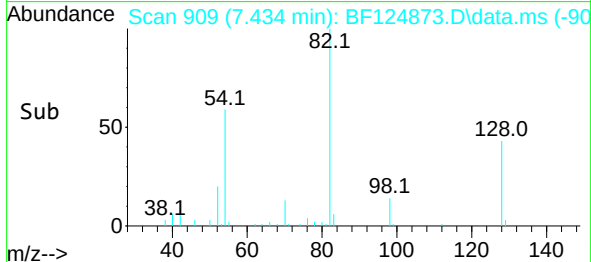
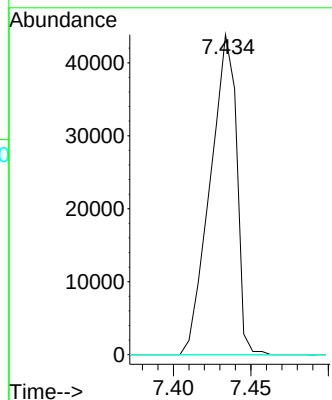
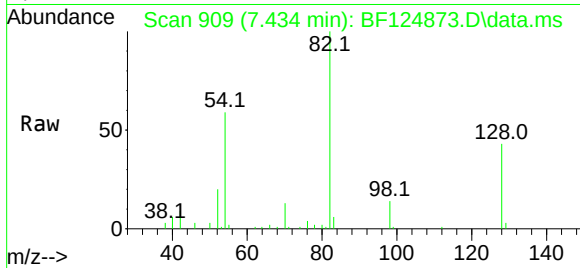




#25
Isophorone
Concen: 57.886 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124873.D
Acq: 30 Jul 2021 13:13

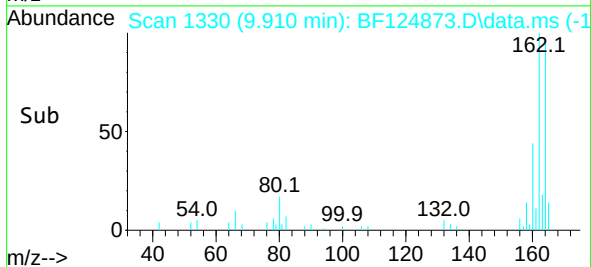
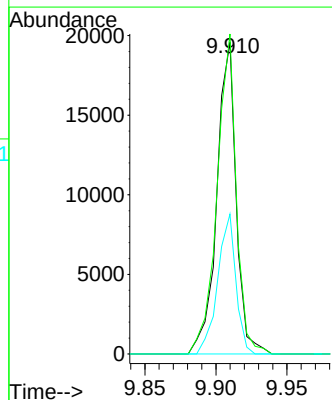
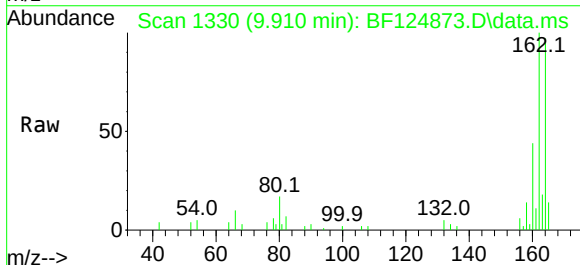
Instrument :
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ClientSampleId :
PB138063BL

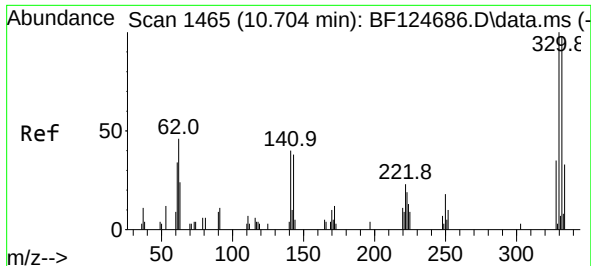
Tgt Ion: 82 Resp: 52053
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124873.D
Acq: 30 Jul 2021 13:13

Tgt Ion: 164 Resp: 18565
Ion Ratio Lower Upper
164 100
162 102.7 81.3 121.9
160 44.8 38.0 57.0

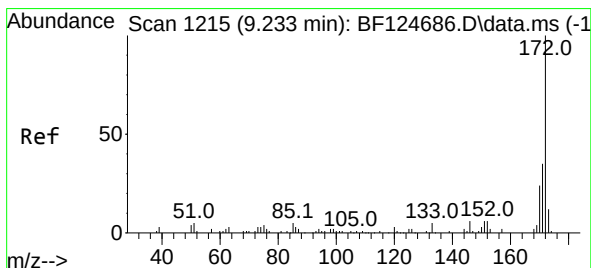
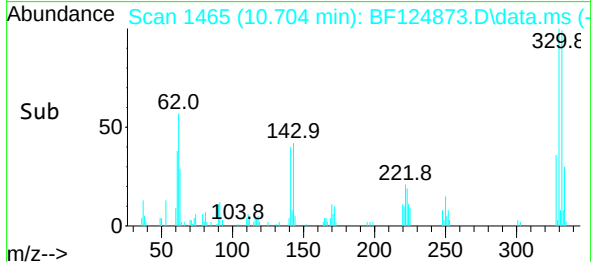
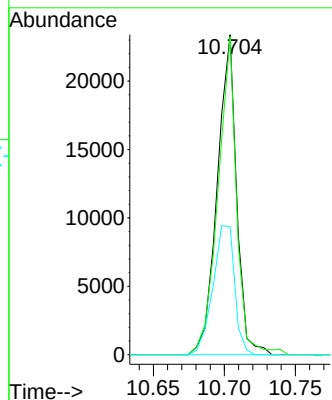
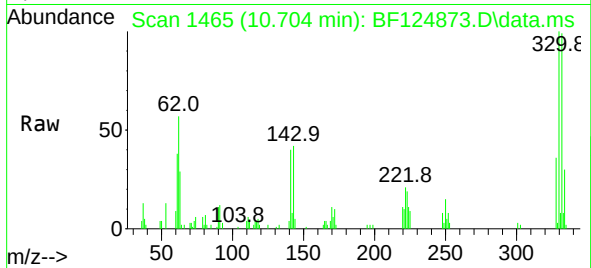




#42
2,4,6-Tribromophenol
Concen: 138.263 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF124873.D
Acq: 30 Jul 2021 13:13

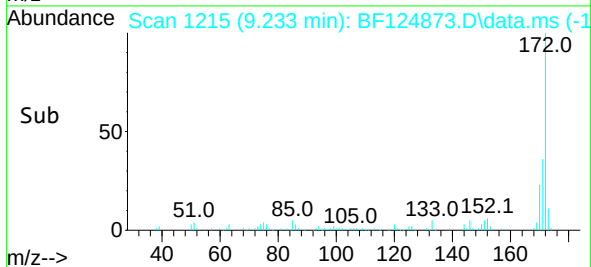
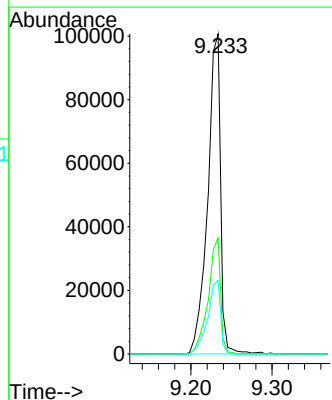
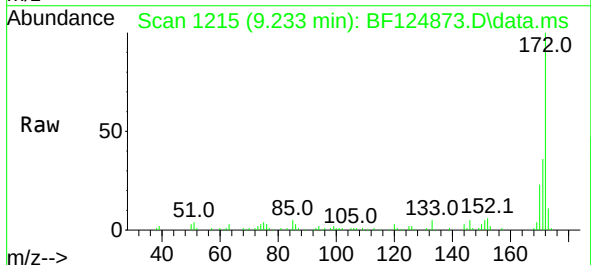
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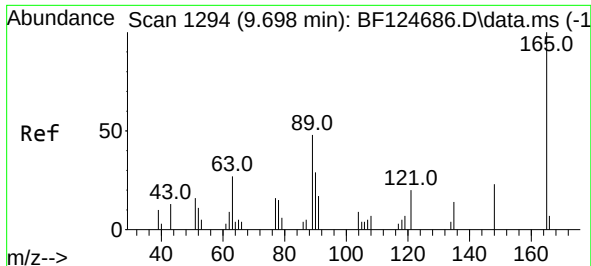
Tgt Ion:330 Resp: 22039
Ion Ratio Lower Upper
330 100
332 96.0 76.2 114.4
141 45.4 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 87.733 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF124873.D
Acq: 30 Jul 2021 13:13

Tgt Ion:172 Resp: 110894
Ion Ratio Lower Upper
172 100
171 36.2 26.5 39.7
170 23.0 18.8 28.2

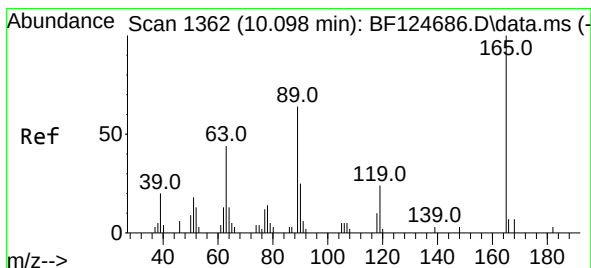
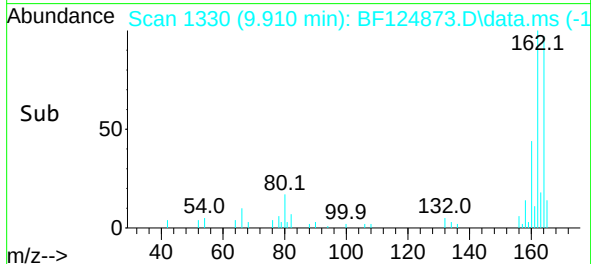
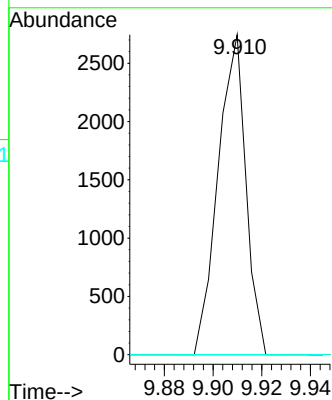
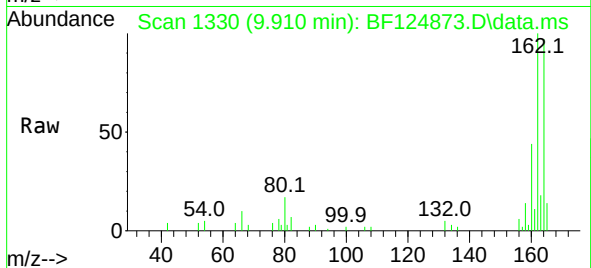




#51
2,6-Dinitrotoluene
Concen: 7.716 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124873.D
Acq: 30 Jul 2021 13:13

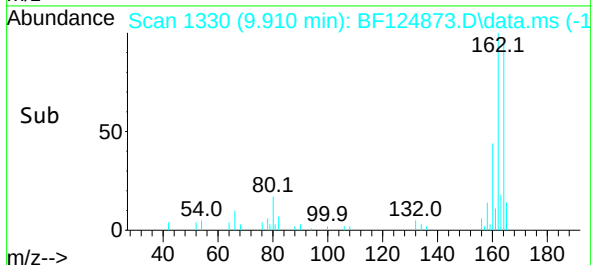
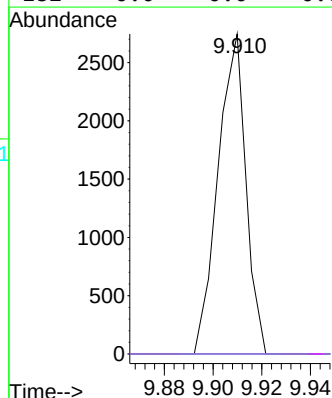
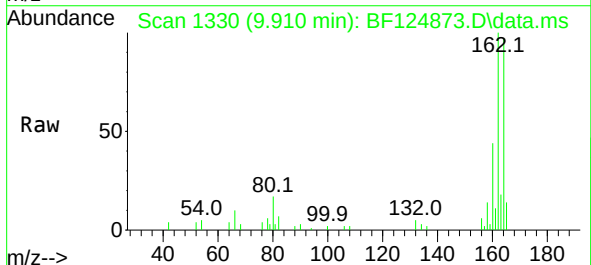
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ClientSampleId :
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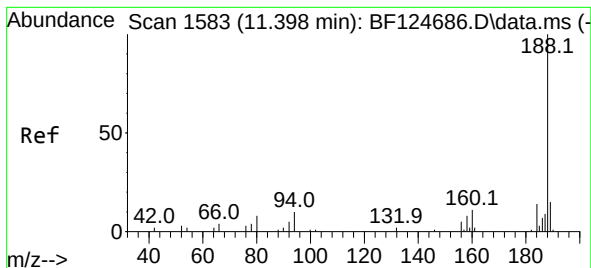
Tgt Ion:165 Resp: 2179
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.686 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124873.D
Acq: 30 Jul 2021 13:13

Tgt Ion:165 Resp: 2179
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

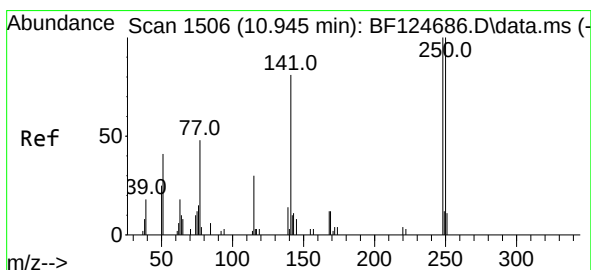
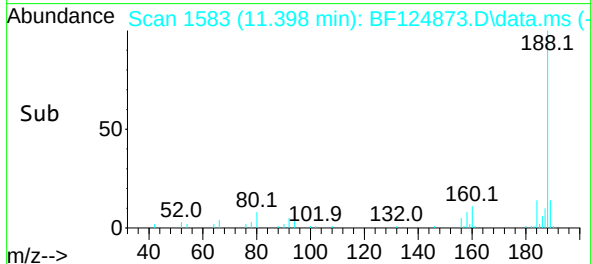
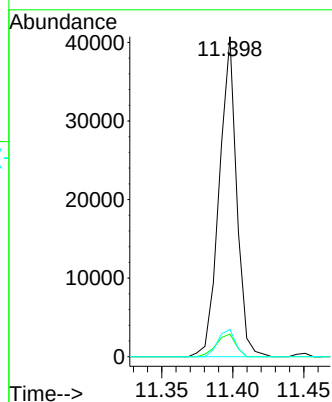
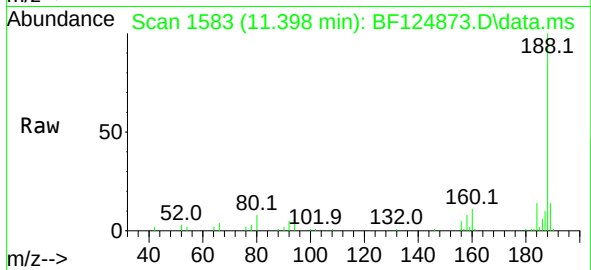




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124873.D
Acq: 30 Jul 2021 13:13

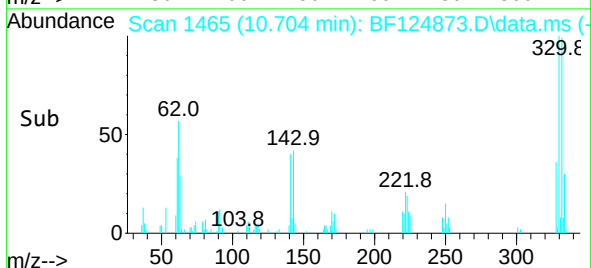
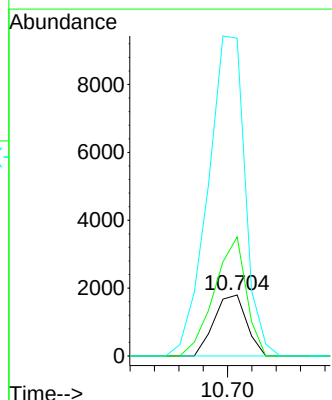
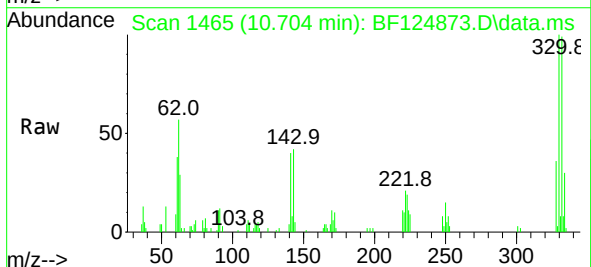
Instrument :
BNA_F
ClientSampleId :
PB138063BL

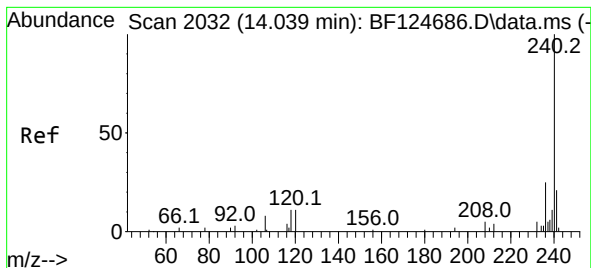
Tgt Ion:188 Resp: 34695
Ion Ratio Lower Upper
188 100
94 7.1 6.7 10.1
80 8.5 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.525 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.241 min
Lab File: BF124873.D
Acq: 30 Jul 2021 13:13

Tgt Ion:248 Resp: 1665
Ion Ratio Lower Upper
248 100
250 195.4 74.2 111.4#
141 521.5 60.4 90.6#

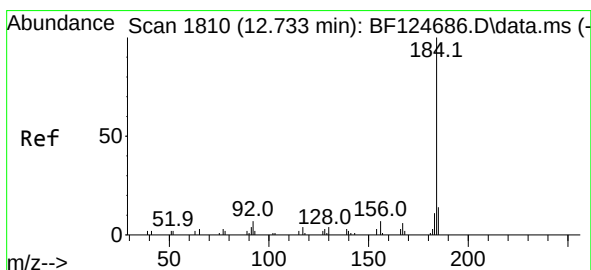
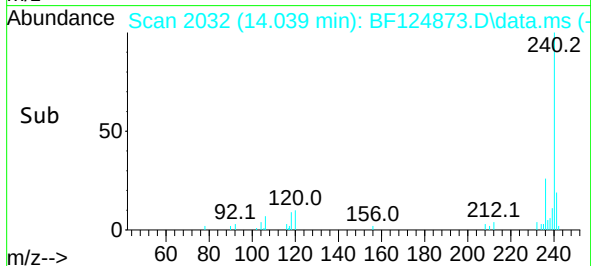
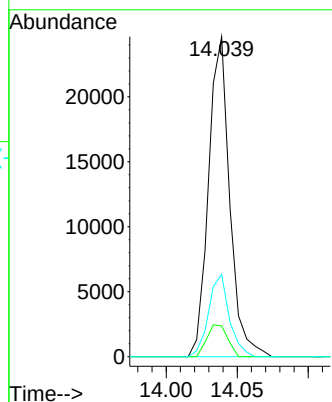
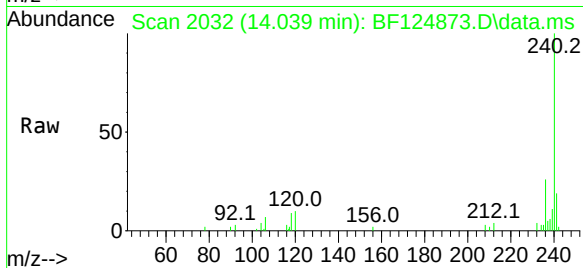




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF124873.D
Acq: 30 Jul 2021 13:13

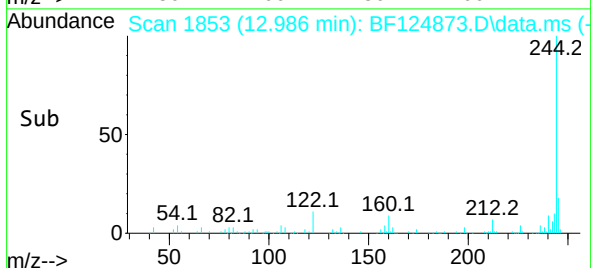
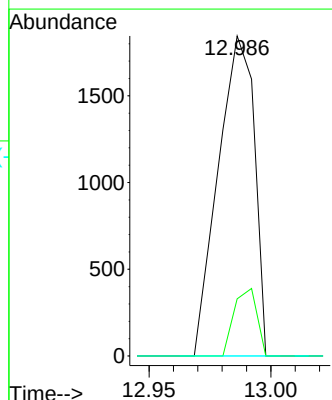
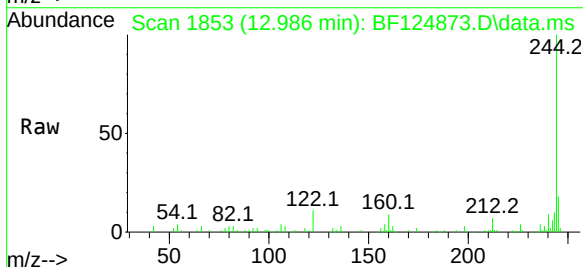
Instrument :
BNA_F
ClientSampleId :
PB138063BL

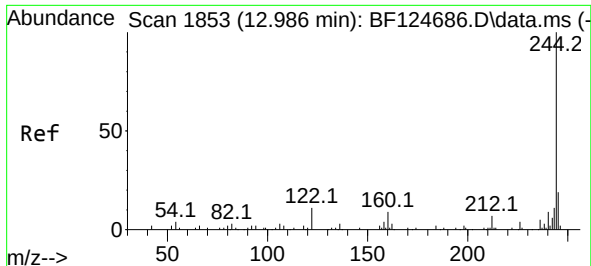
Tgt Ion:240 Resp: 25509
Ion Ratio Lower Upper
240 100
120 9.6 10.8 16.2#
236 25.7 21.6 32.4



#77
Benzidine
Concen: 2.640 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.253 min
Lab File: BF124873.D
Acq: 30 Jul 2021 13:13

Tgt Ion:184 Resp: 1899
Ion Ratio Lower Upper
184 100
185 17.9 10.8 16.2#
183 0.0 8.1 12.1#

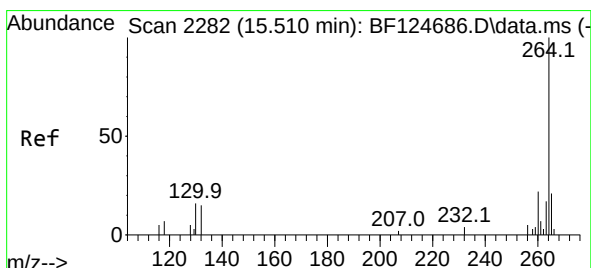
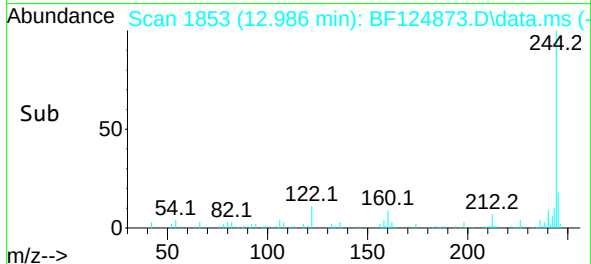
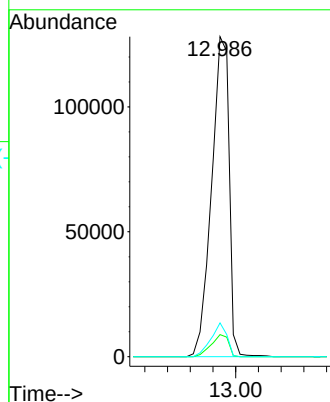
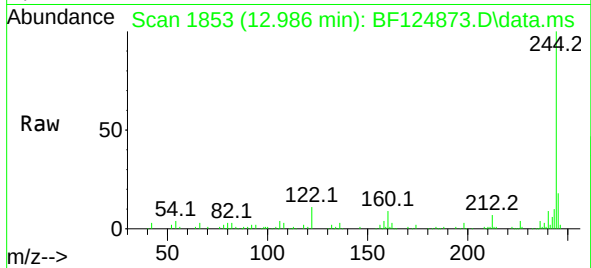




#79
Terphenyl-d14
Concen: 92.315 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BF124873.D
Acq: 30 Jul 2021 13:13

Instrument :
BNA_F
ClientSampleId :
PB138063BL

Tgt Ion:244 Resp: 137378
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 10.5 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: BF124873.D
Acq: 30 Jul 2021 13:13

Tgt Ion:264 Resp: 19007
Ion Ratio Lower Upper
264 100
260 21.4 19.6 29.4
265 22.8 17.2 25.8

