

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
 Data File : BF124869.D
 Acq On : 30 Jul 2021 10:59
 Operator : JU/CG
 Sample : PB138069BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138069BL

Quant Time: Jul 30 11:23:14 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)

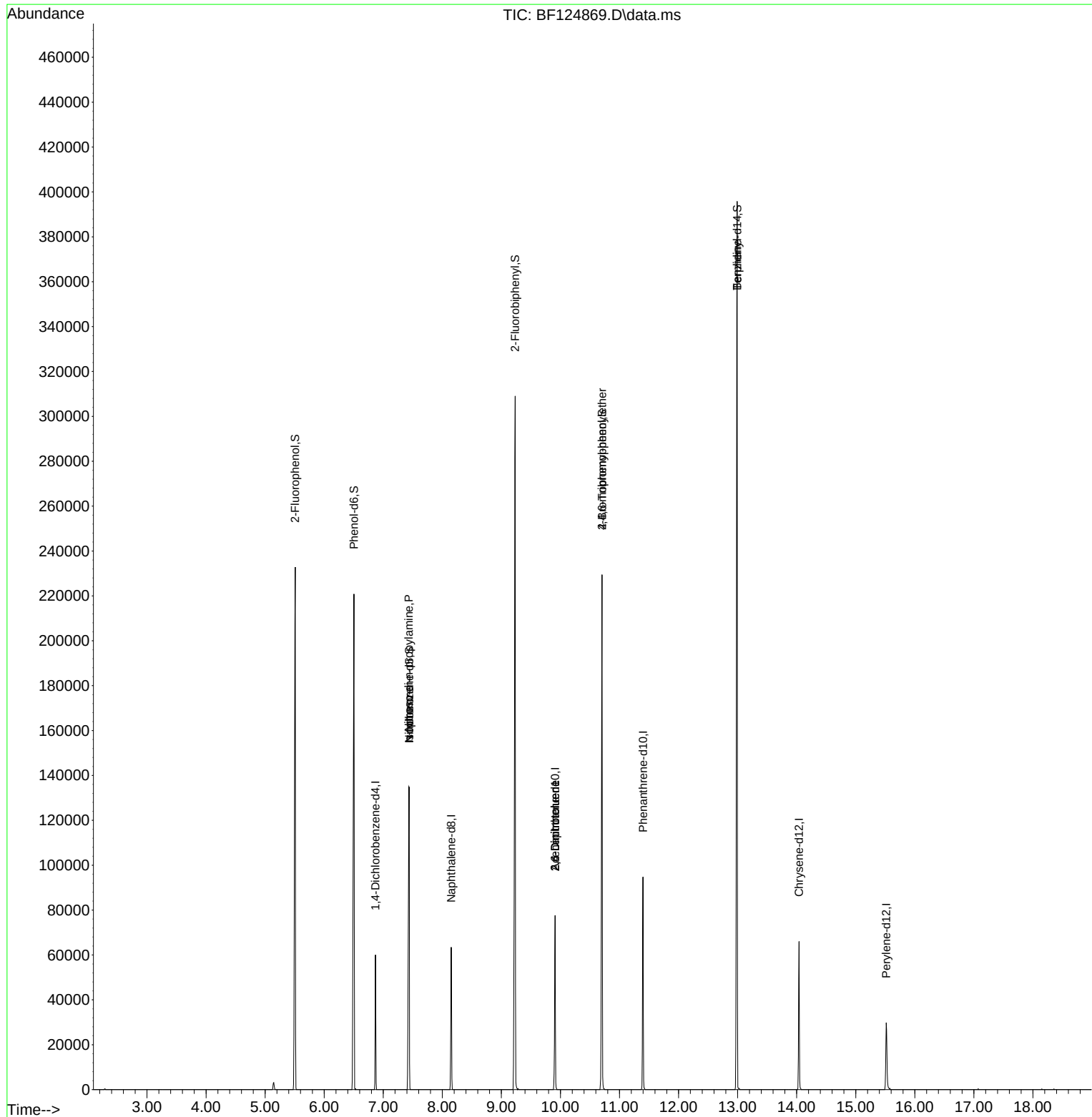
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	7693	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	30503	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	17947	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	35809	20.000	ng	0.00
76) Chrysene-d12	14.039	240	25579	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	19933	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	68909	151.662	ng	0.03
7) Phenol-d6	6.504	99	81915	143.810	ng	0.00
23) Nitrobenzene-d5	7.439	82	55284	107.871	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	24418	158.463	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	117624	96.261	ng	0.00
79) Terphenyl-d14	12.992	244	143873	96.415	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	7463	24.536	ng	# 69
25) Isophorone	7.439	82	55284	61.005	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	2260	8.278	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	2260	6.100	ng	# 18
67) 4-Bromophenyl-phenylether	10.704	248	1980	5.214	ng	# 1
77) Benzidine	12.992	184	2241	3.107	ng	# 69

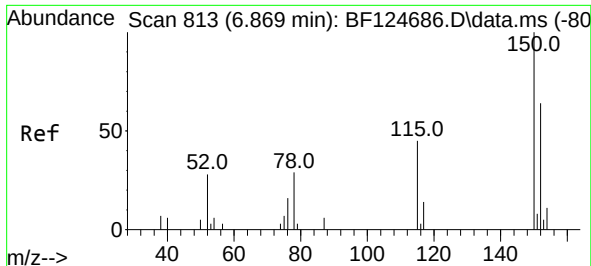
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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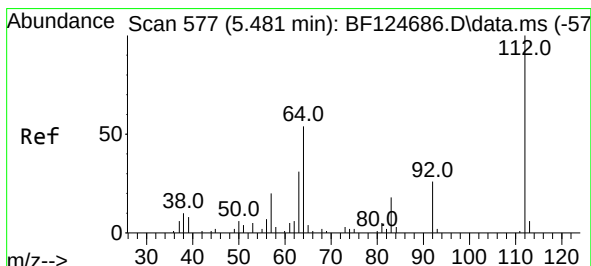
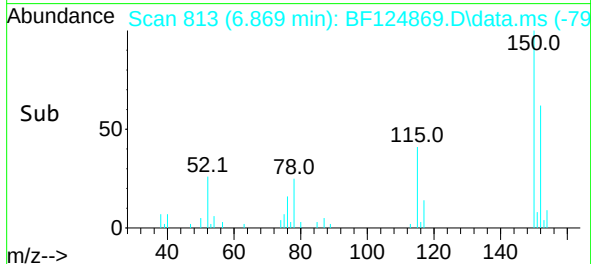
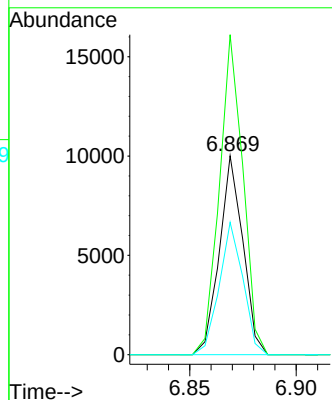
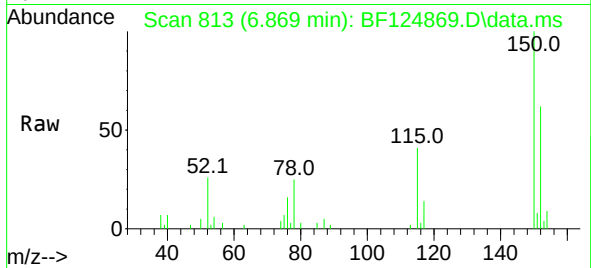




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124869.D
Acq: 30 Jul 2021 10:59

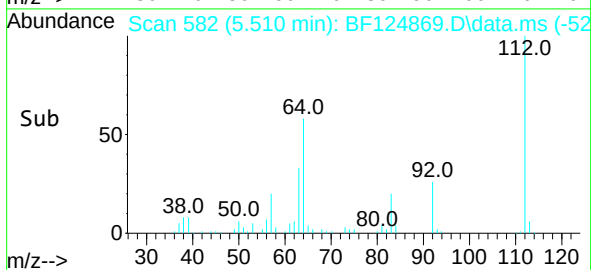
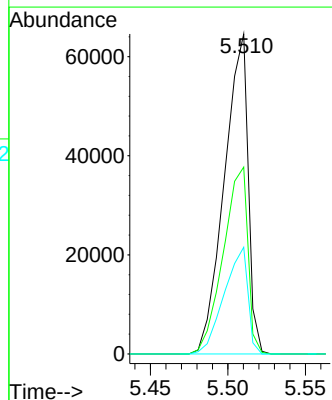
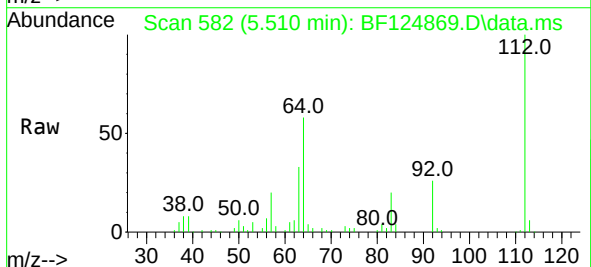
Instrument :
BNA_F
ClientSampleID :
PB138069BL

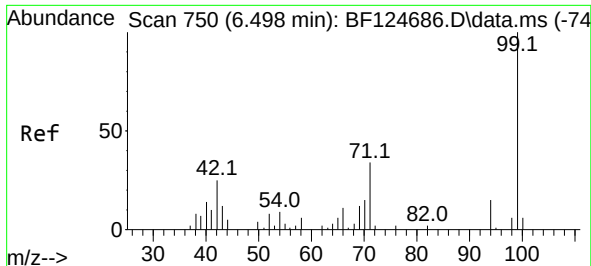
Tgt Ion:152 Resp: 7693
Ion Ratio Lower Upper
152 100
150 160.9 117.6 176.4
115 66.5 47.1 70.7



#5
2-Fluorophenol
Concen: 151.662 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.029 min
Lab File: BF124869.D
Acq: 30 Jul 2021 10:59

Tgt Ion:112 Resp: 68909
Ion Ratio Lower Upper
112 100
64 58.4 44.2 66.2
63 33.3 26.2 39.2

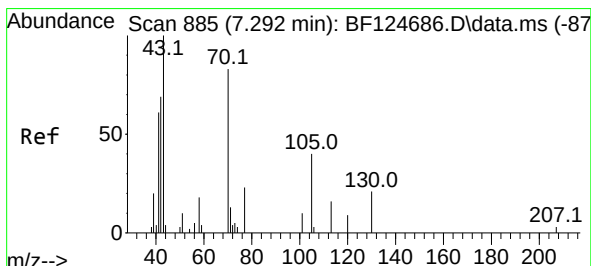
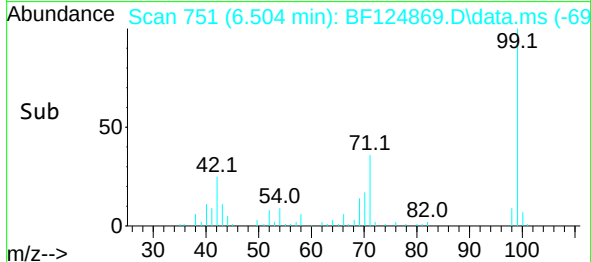
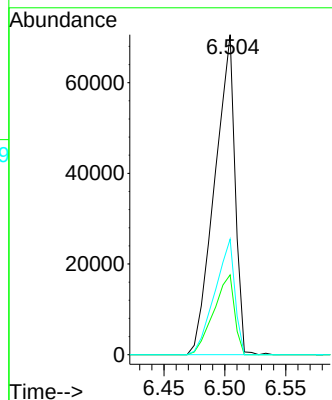
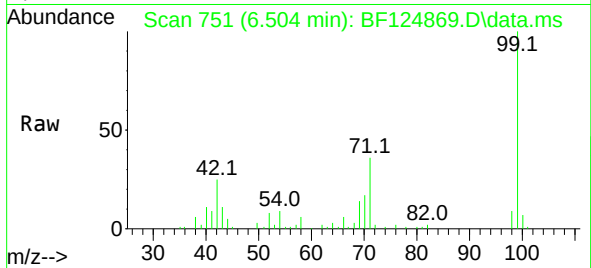




#7
Phenol-d6
Concen: 143.810 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF124869.D
Acq: 30 Jul 2021 10:59

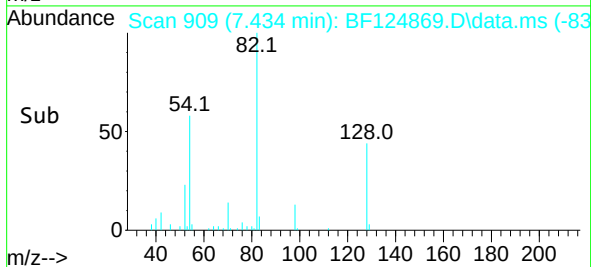
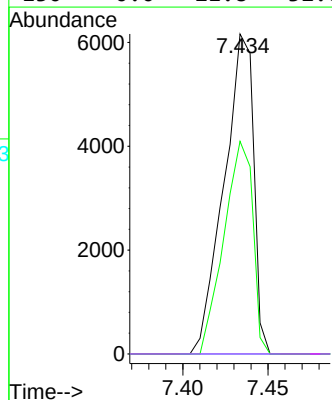
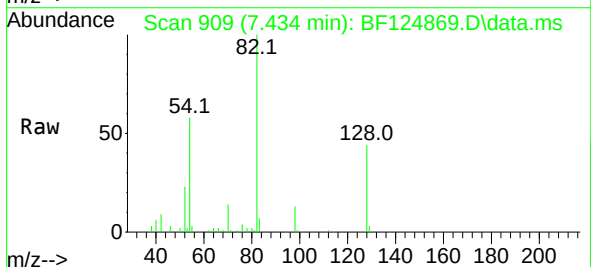
Instrument :
BNA_F
ClientSampleId :
PB138069BL

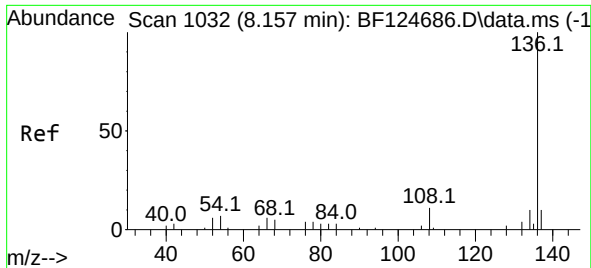
Tgt Ion:	99	Resp:	81915
Ion	Ratio	Lower	Upper
99	100		
42	25.0	23.5	35.3
71	36.1	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 24.536 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124869.D
Acq: 30 Jul 2021 10:59

Tgt Ion:	70	Resp:	7463
Ion	Ratio	Lower	Upper
70	100		
42	66.4	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#



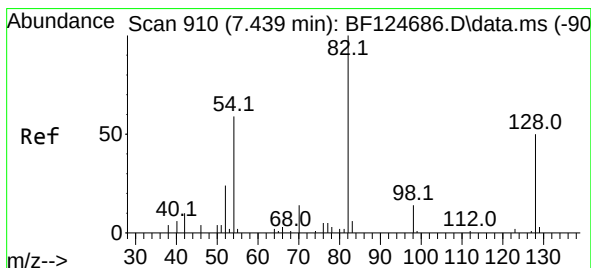
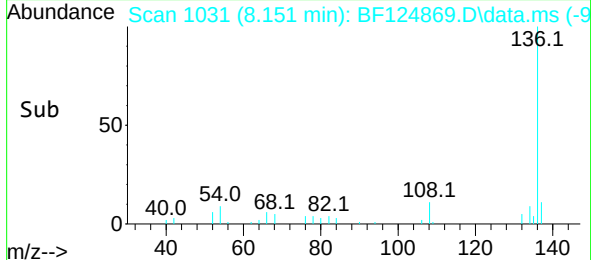
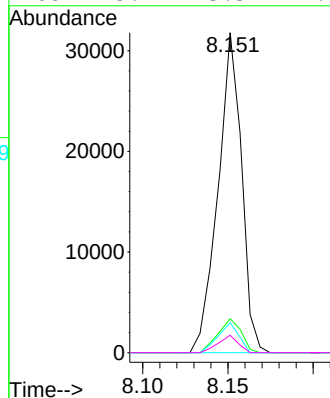
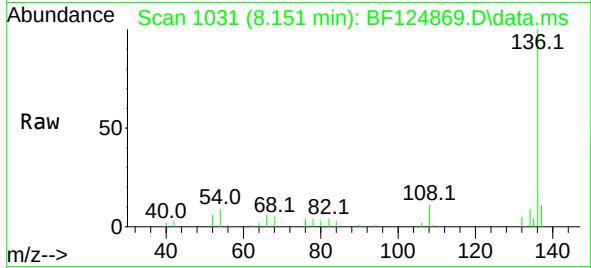


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124869.D
Acq: 30 Jul 2021 10:59

Instrument :
BNA_F
ClientSampleId :
PB138069BL

Tgt Ion:136 Resp: 30503

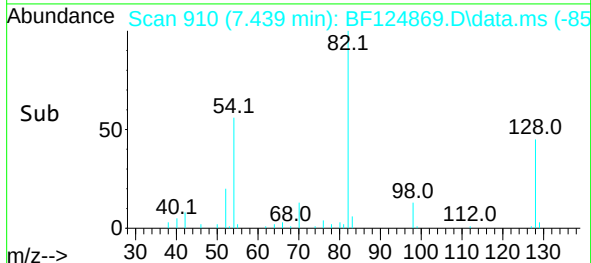
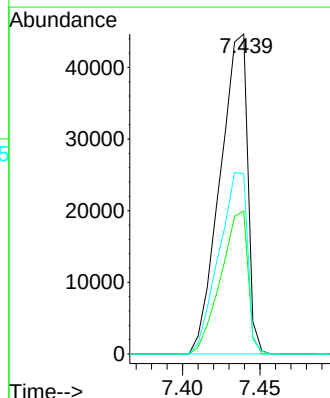
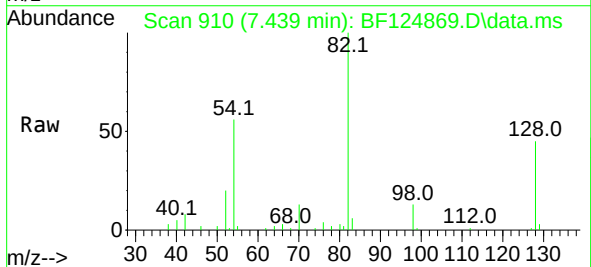
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.8	14.6
54	9.4	6.4	9.6
68	5.4	3.3	4.9

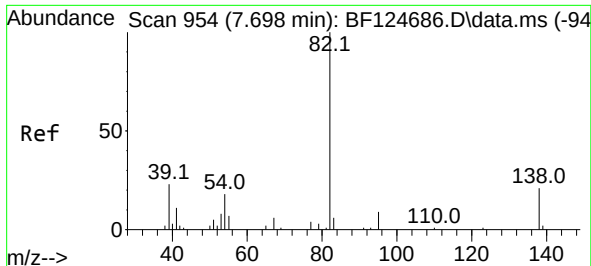


#23
Nitrobenzene-d5
Concen: 107.871 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF124869.D
Acq: 30 Jul 2021 10:59

Tgt Ion: 82 Resp: 55284

Ion	Ratio	Lower	Upper
82	100		
128	44.6	40.6	60.8
54	56.3	49.6	74.4

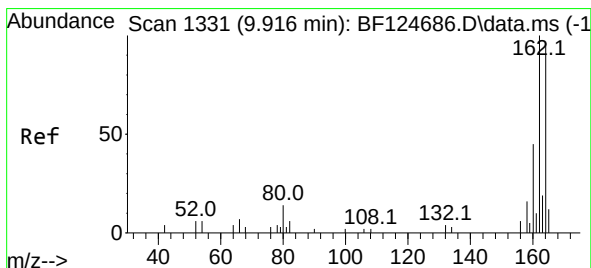
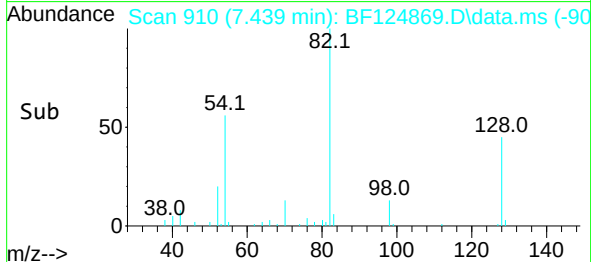
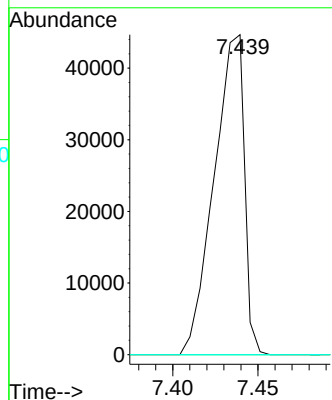
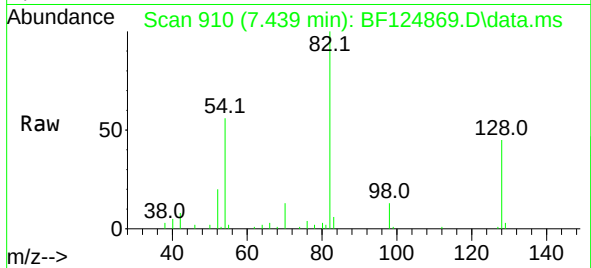




#25
Isophorone
Concen: 61.005 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.259 min
Lab File: BF124869.D
Acq: 30 Jul 2021 10:59

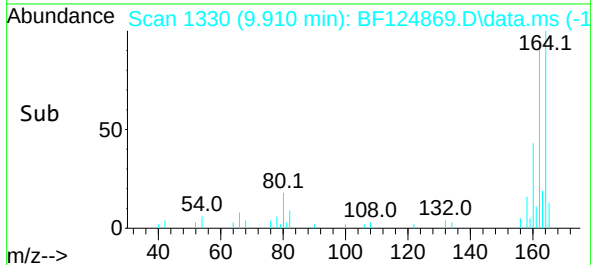
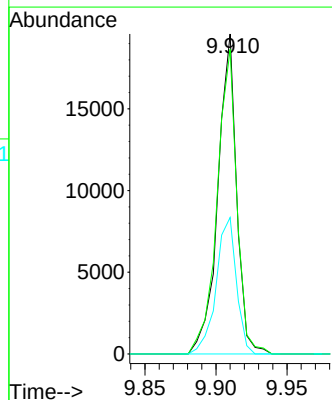
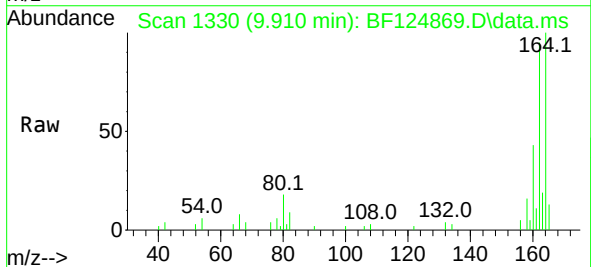
Instrument :
BNA_F
ClientSampleId :
PB138069BL

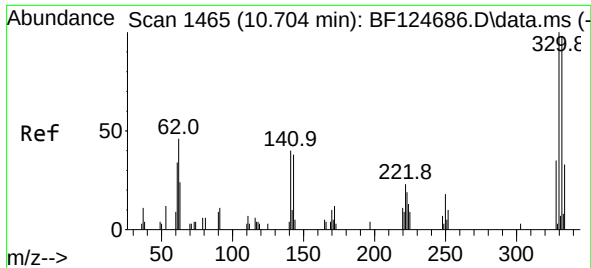
Tgt Ion: 82 Resp: 55284
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124869.D
Acq: 30 Jul 2021 10:59

Tgt Ion: 164 Resp: 17947
Ion Ratio Lower Upper
164 100
162 95.2 81.3 121.9
160 42.6 38.0 57.0

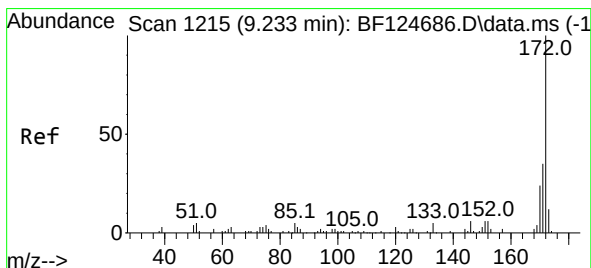
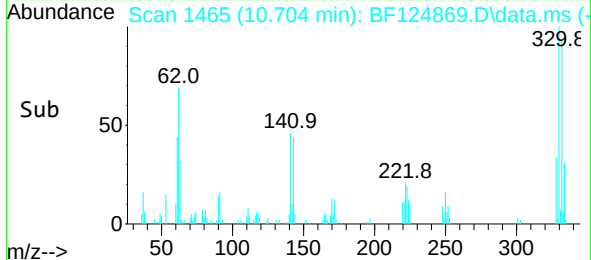
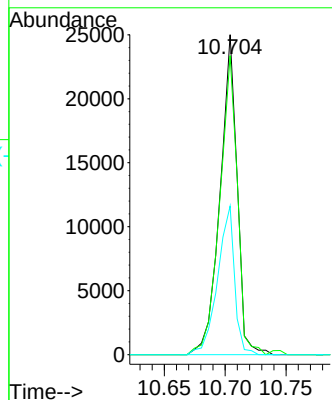
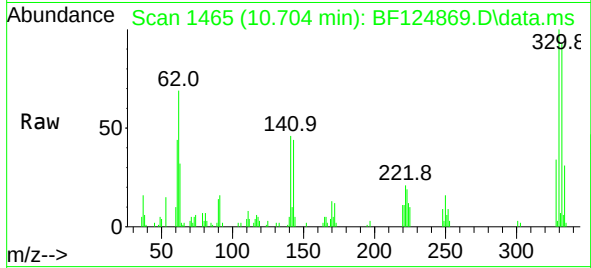




#42
2,4,6-Tribromophenol
Concen: 158.463 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF124869.D
Acq: 30 Jul 2021 10:59

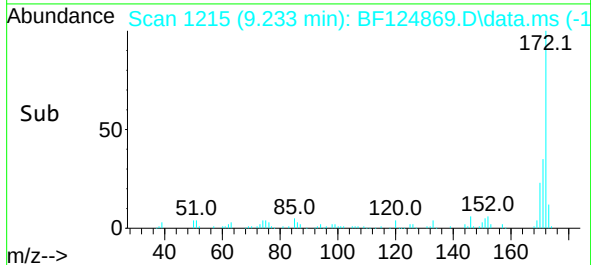
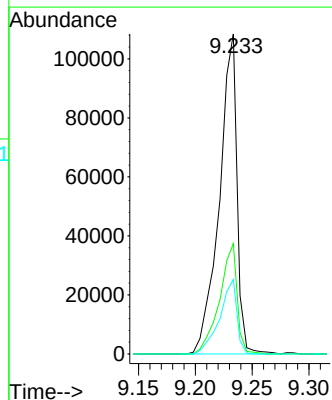
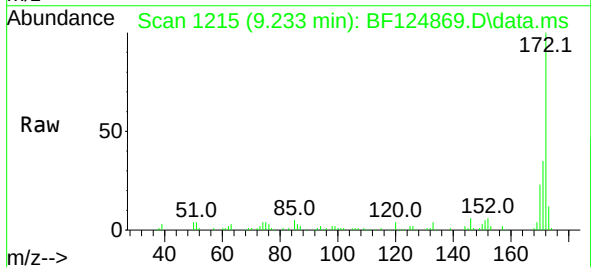
Instrument :
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ClientSampleId :
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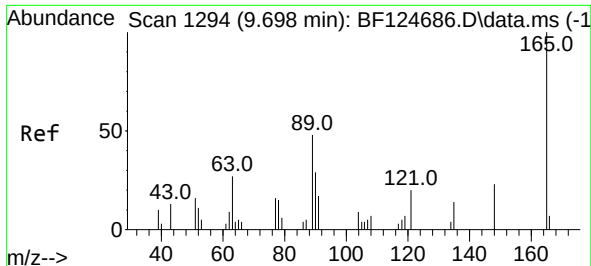
Tgt Ion: 330 Resp: 24418
Ion Ratio Lower Upper
330 100
332 96.6 76.2 114.4
141 46.3 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 96.261 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF124869.D
Acq: 30 Jul 2021 10:59

Tgt Ion: 172 Resp: 117624
Ion Ratio Lower Upper
172 100
171 34.5 26.5 39.7
170 23.3 18.8 28.2

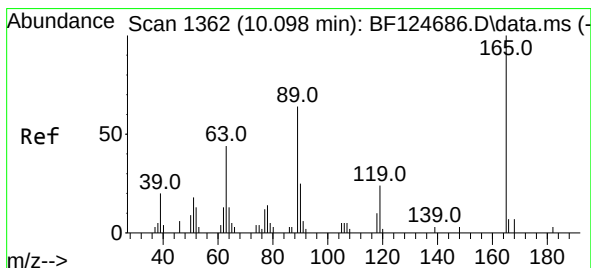
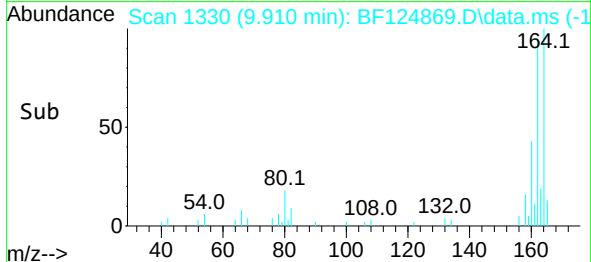
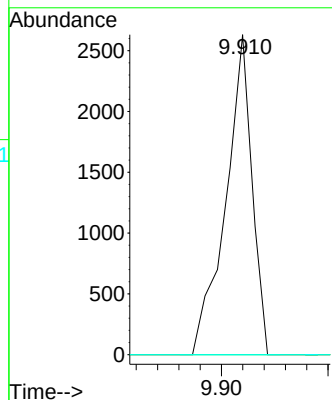
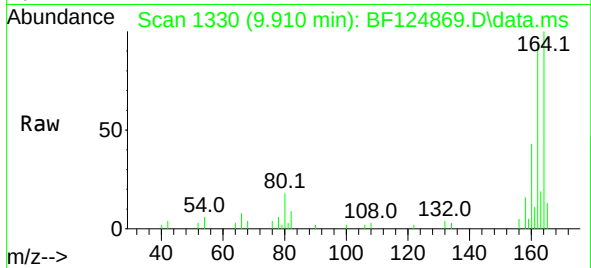




#51
2,6-Dinitrotoluene
Concen: 8.278 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124869.D
Acq: 30 Jul 2021 10:59

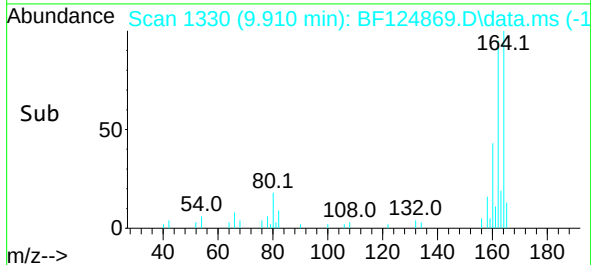
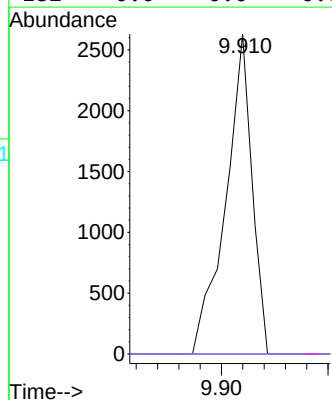
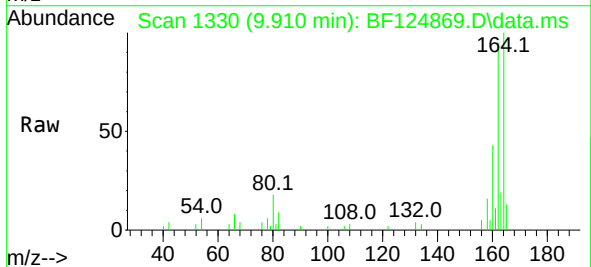
Instrument :
BNA_F
ClientSampleId :
PB138069BL

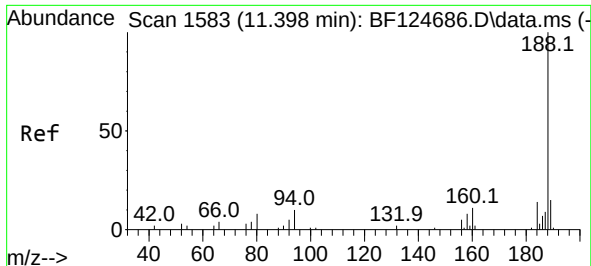
Tgt Ion:165 Resp: 2260
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.100 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124869.D
Acq: 30 Jul 2021 10:59

Tgt Ion:165 Resp: 2260
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

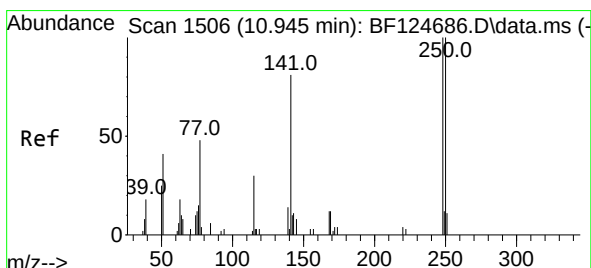
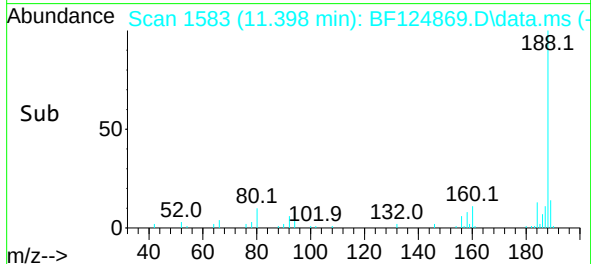
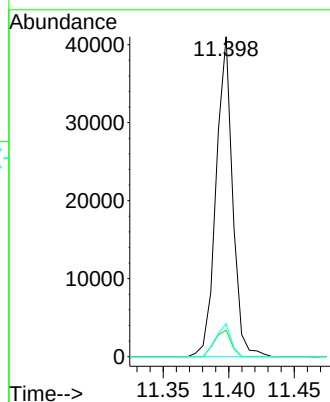
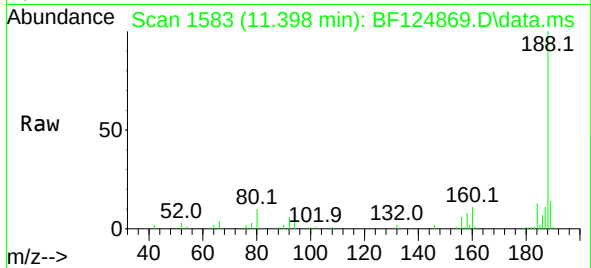




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124869.D
Acq: 30 Jul 2021 10:59

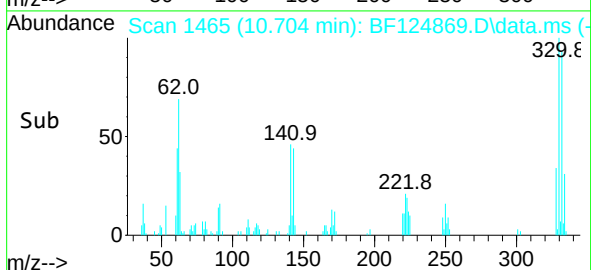
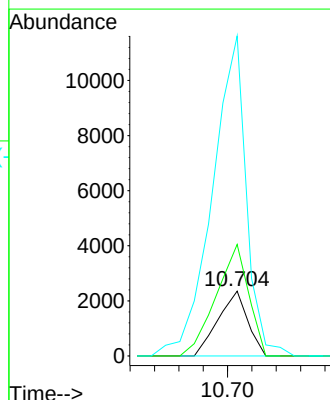
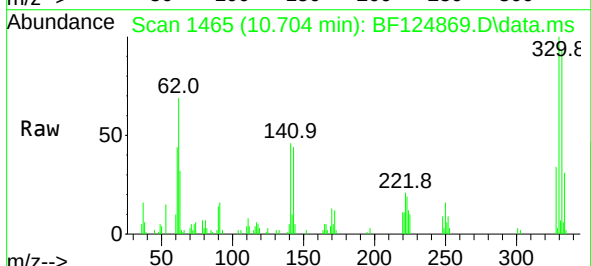
Instrument :
BNA_F
ClientSampleId :
PB138069BL

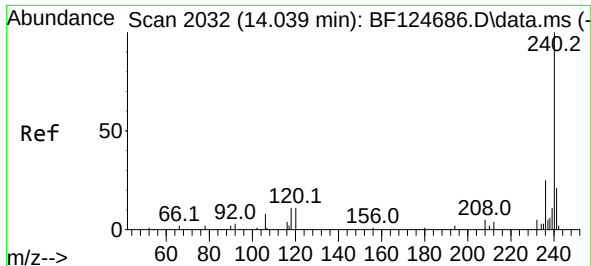
Tgt Ion:188 Resp: 35809
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 10.2 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 5.214 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.241 min
Lab File: BF124869.D
Acq: 30 Jul 2021 10:59

Tgt Ion:248 Resp: 1980
Ion Ratio Lower Upper
248 100
250 172.2 74.2 111.4#
141 494.3 60.4 90.6#

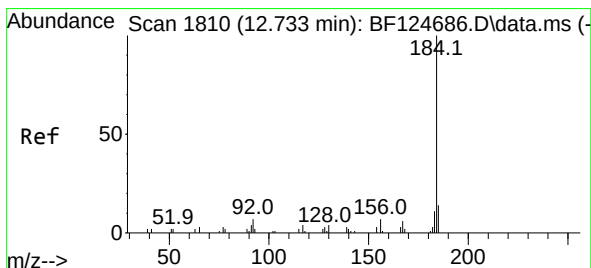
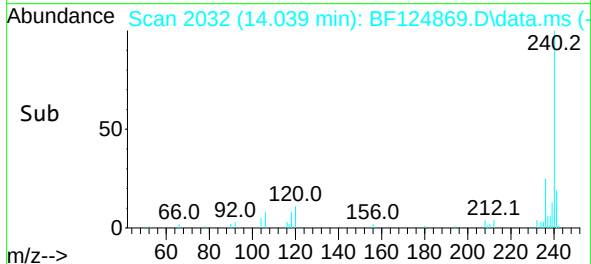
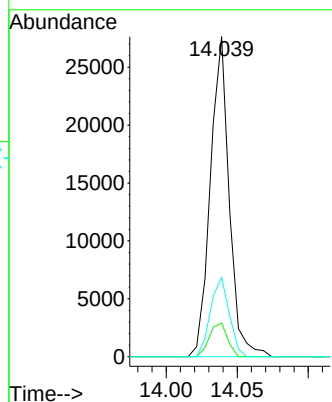
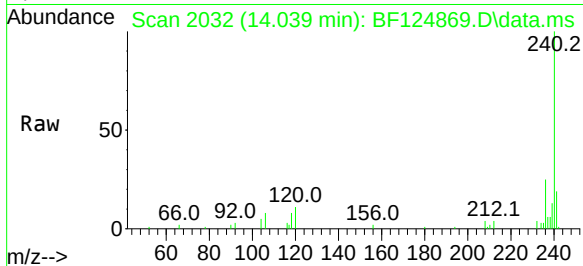




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF124869.D
Acq: 30 Jul 2021 10:59

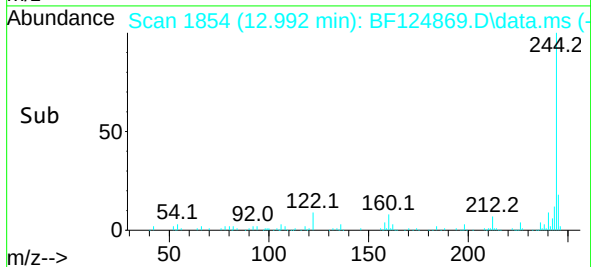
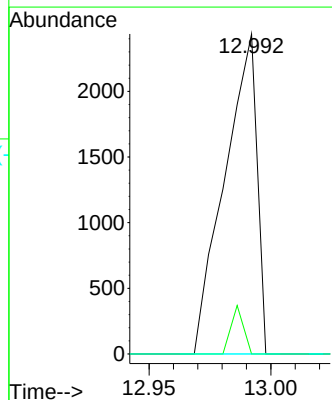
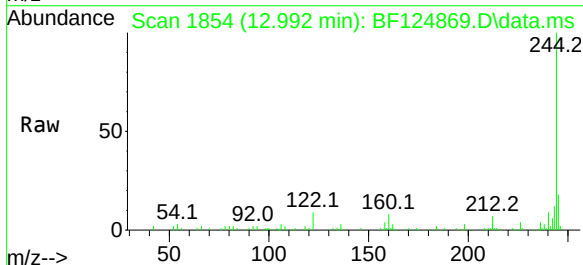
Instrument :
BNA_F
ClientSampleId :
PB138069BL

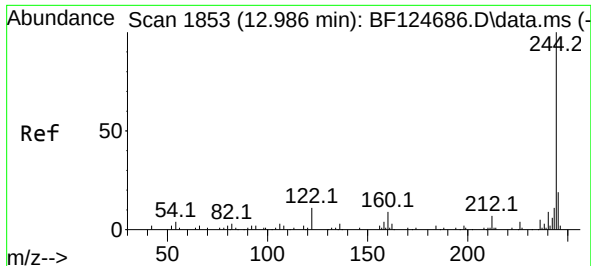
Tgt Ion:240 Resp: 25579
Ion Ratio Lower Upper
240 100
120 10.5 10.8 16.2#
236 24.8 21.6 32.4



#77
Benzidine
Concen: 3.107 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.259 min
Lab File: BF124869.D
Acq: 30 Jul 2021 10:59

Tgt Ion:184 Resp: 2241
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#

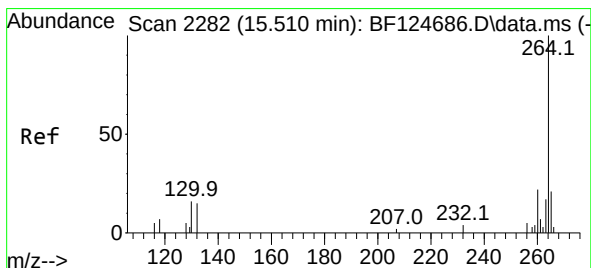
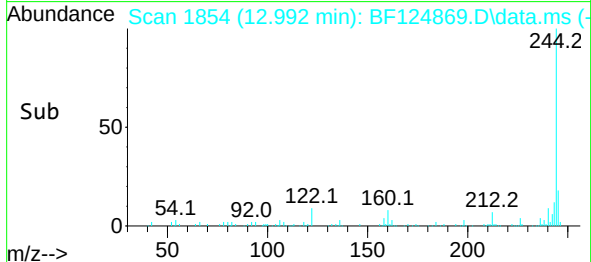
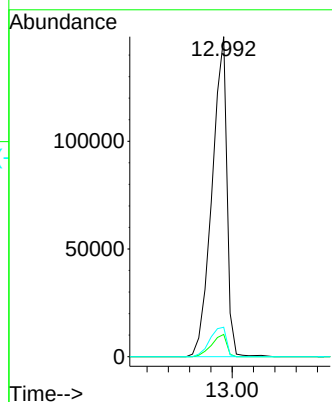
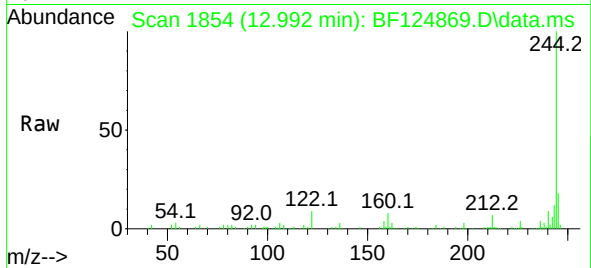




#79
 Terphenyl-d14
 Concen: 96.415 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. 0.006 min
 Lab File: BF124869.D
 Acq: 30 Jul 2021 10:59

Instrument :
 BNA_F
 ClientSampleId :
 PB138069BL

Tgt Ion:244 Resp: 143873
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 9.2 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: BF124869.D
 Acq: 30 Jul 2021 10:59

Tgt Ion:264 Resp: 19933
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.6 29.4
 265 19.4 17.2 25.8

