

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
 Data File : BF124831.D
 Acq On : 28 Jul 2021 17:08
 Operator : JU/CG
 Sample : M3165-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

Quant Time: Jul 28 17:37:04 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)

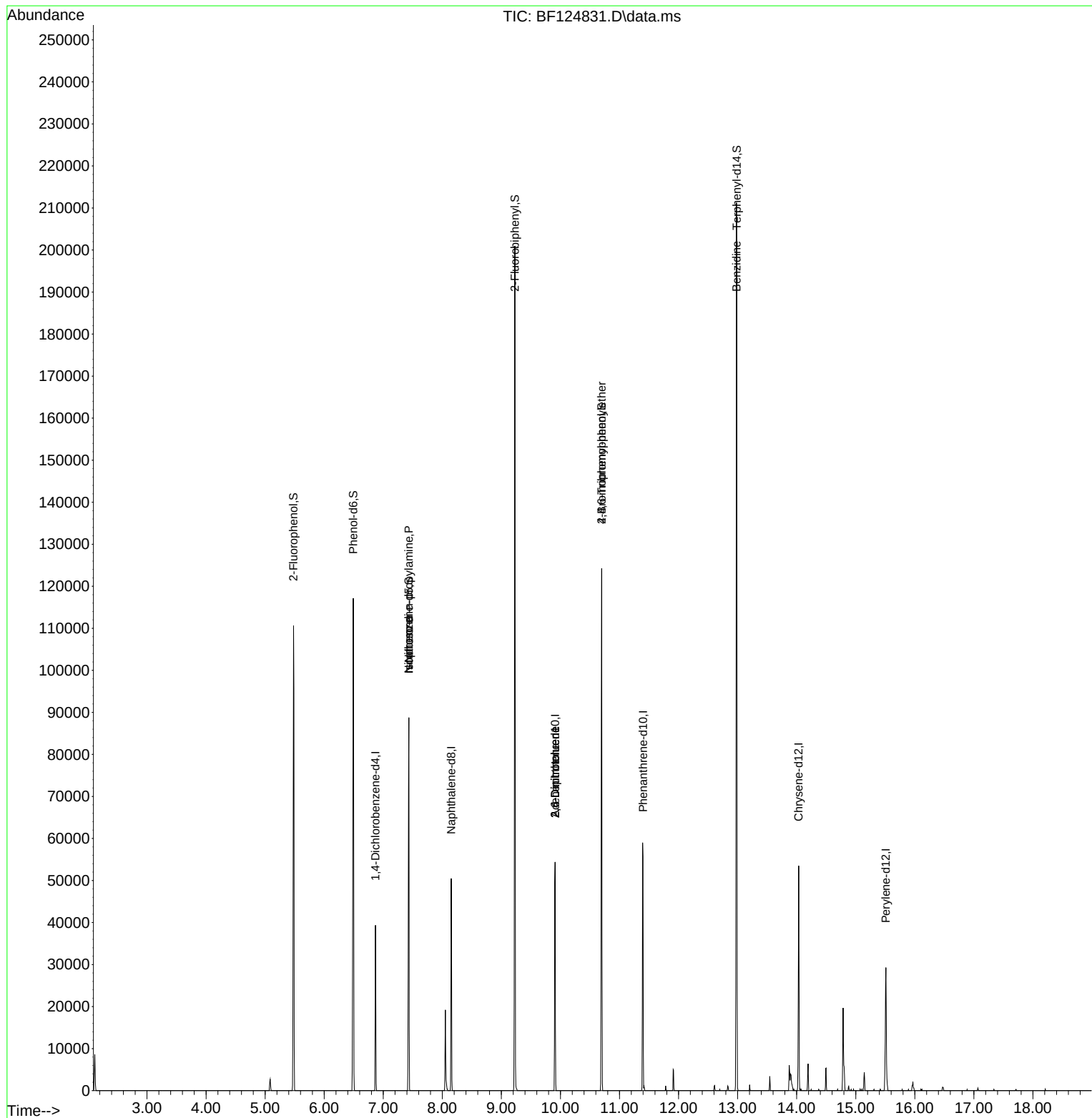
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	5167	20.000	ng	# 0.00
21) Naphthalene-d8	8.151	136	20605	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	12023	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	24018	20.000	ng	0.00
76) Chrysene-d12	14.033	240	19007	20.000	ng	0.00
86) Perylene-d12	15.509	264	14438	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	30138	98.758	ng	0.00
7) Phenol-d6	6.492	99	36762	96.091	ng	0.00
23) Nitrobenzene-d5	7.433	82	25604	73.957	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	11759	113.912	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	56232	68.694	ng	0.00
79) Terphenyl-d14	12.986	244	76479	68.973	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.433	70	3221	15.767	ng	# 65
25) Isophorone	7.433	82	25604	41.826	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1518	8.300	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1518	6.116	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	880	3.455	ng	# 1
77) Benzidine	12.980	184	1108	2.067	ng	# 69

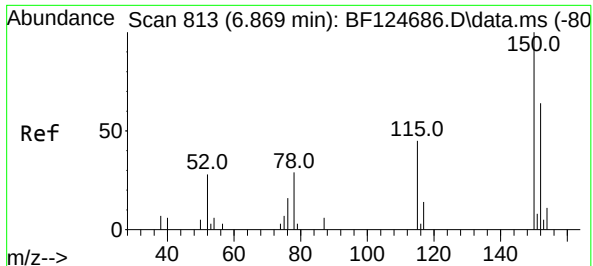
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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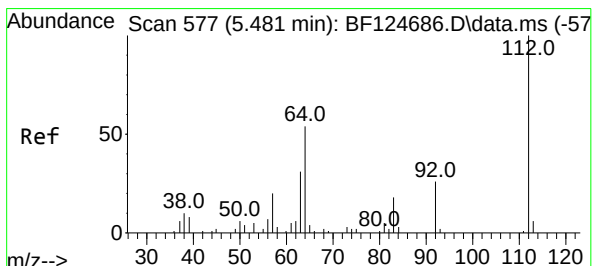
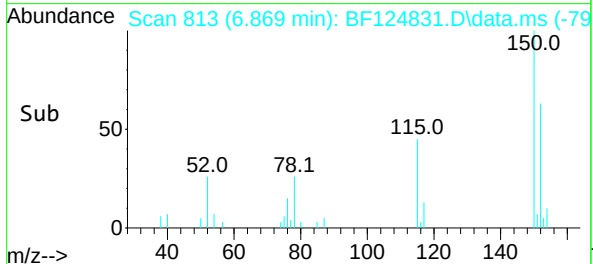
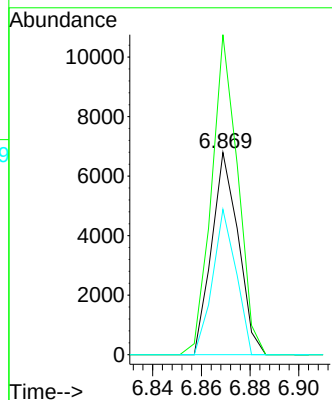
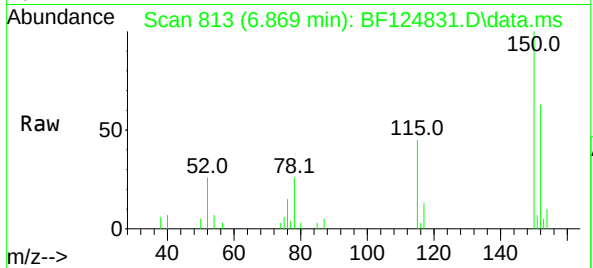




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124831.D
Acq: 28 Jul 2021 17:08

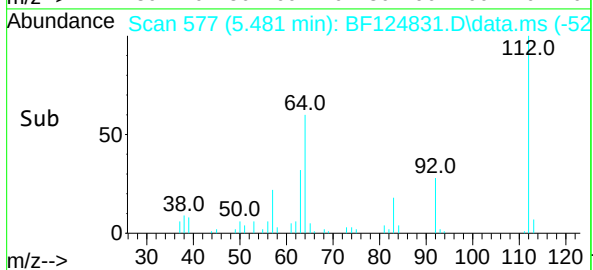
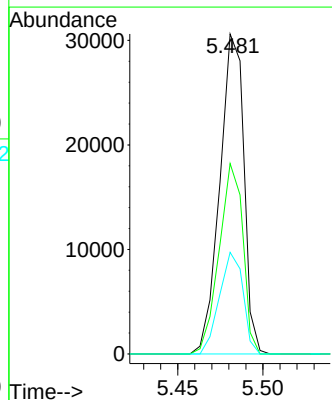
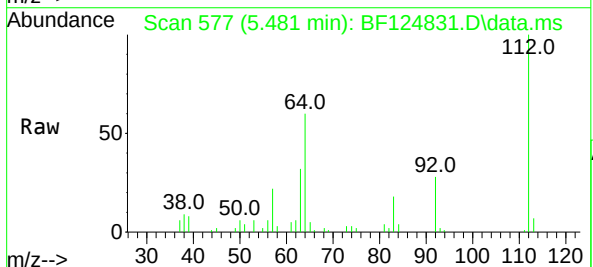
Instrument :
BNA_F
ClientSampleId :
COMP-3

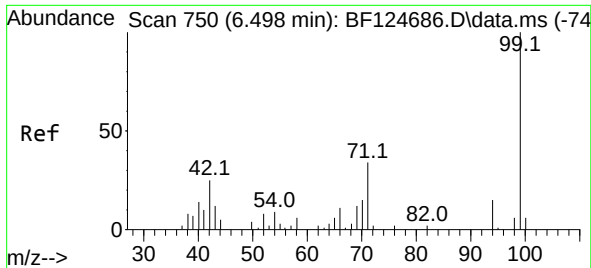
Tgt Ion:152 Resp: 5167
Ion Ratio Lower Upper
152 100
150 158.2 117.6 176.4
115 71.8 47.1 70.7#



#5
2-Fluorophenol
Concen: 98.758 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF124831.D
Acq: 28 Jul 2021 17:08

Tgt Ion:112 Resp: 30138
Ion Ratio Lower Upper
112 100
64 59.5 44.2 66.2
63 31.7 26.2 39.2

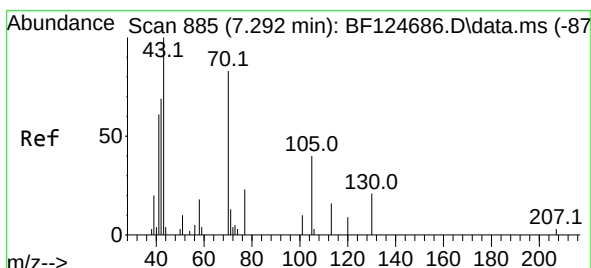
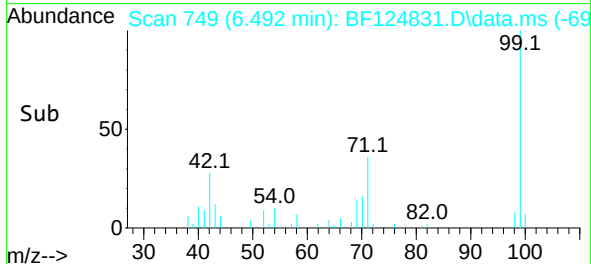
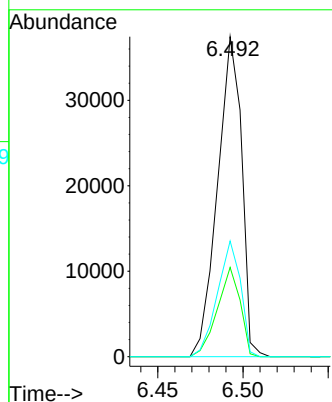
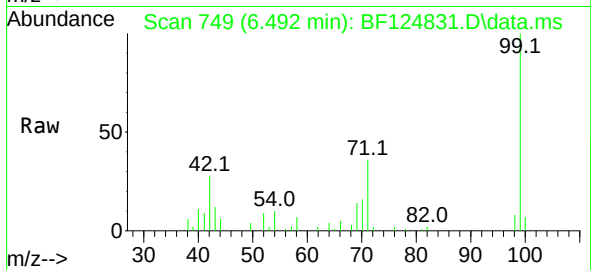




#7
Phenol-d6
Concen: 96.091 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124831.D
Acq: 28 Jul 2021 17:08

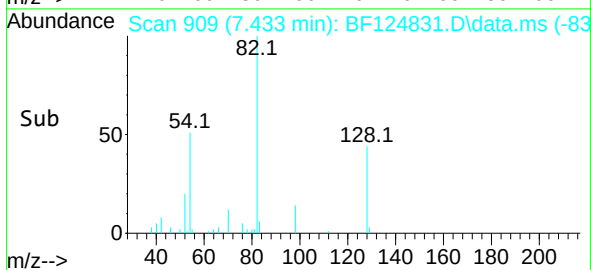
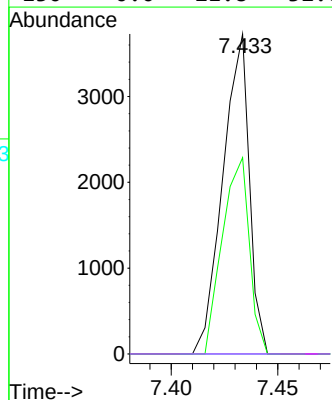
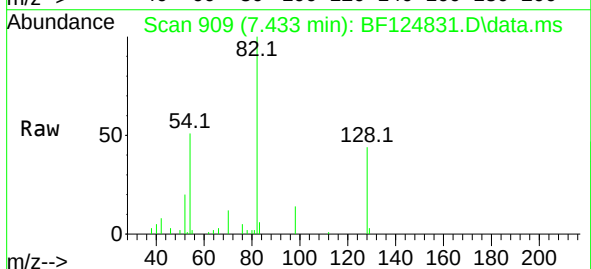
Instrument :
BNA_F
ClientSampleId :
COMP-3

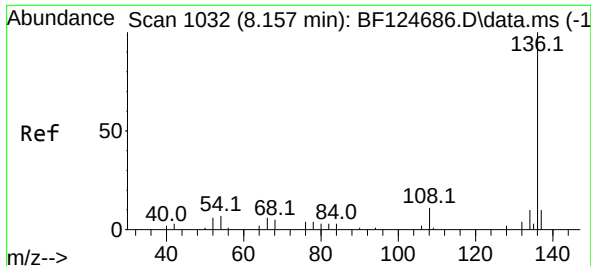
Tgt Ion:	99	Resp:	36762
Ion	Ratio	Lower	Upper
99	100		
42	27.9	23.5	35.3
71	36.2	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.767 ng
RT: 7.433 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124831.D
Acq: 28 Jul 2021 17:08

Tgt Ion:	70	Resp:	3221
Ion	Ratio	Lower	Upper
70	100		
42	61.3	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

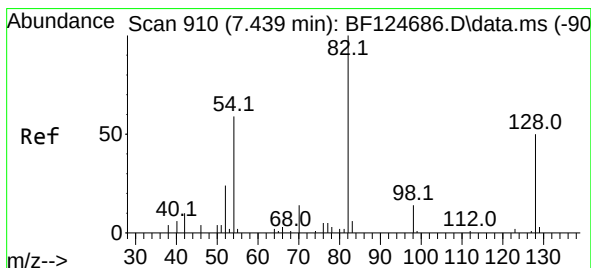
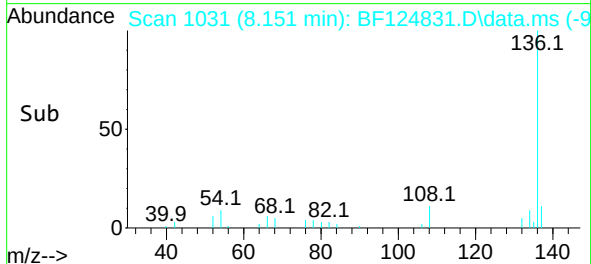
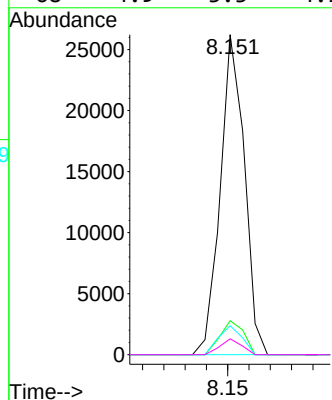
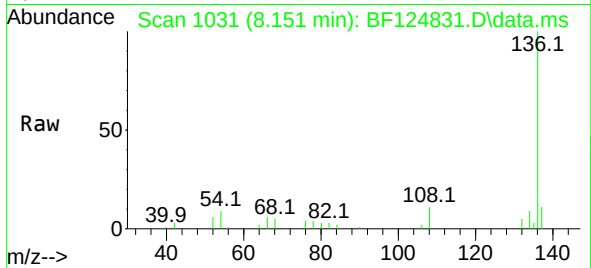




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124831.D
Acq: 28 Jul 2021 17:08

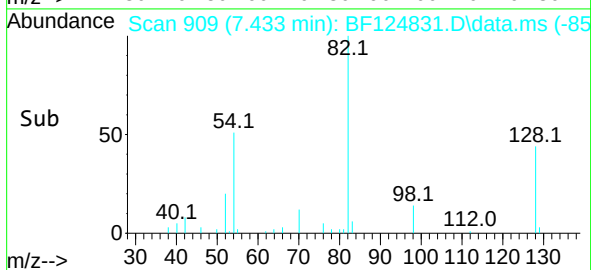
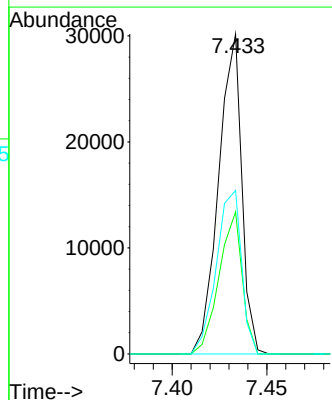
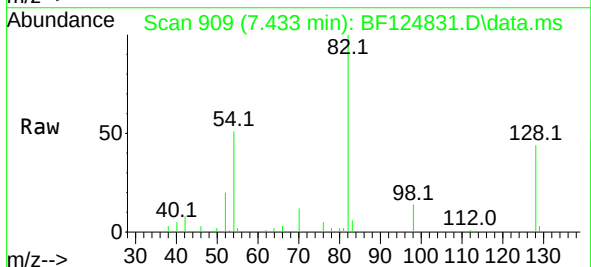
Instrument :
BNA_F
ClientSampleId :
COMP-3

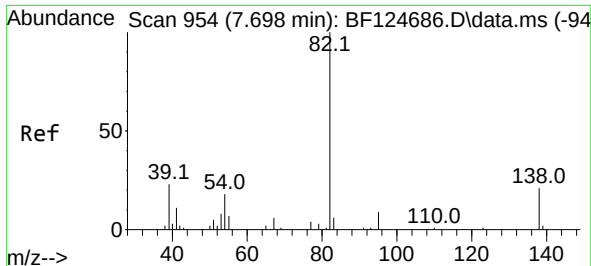
Tgt Ion:	136	Resp:	20605
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.8	14.6
54	9.0	6.4	9.6
68	4.9	3.3	4.9



#23
Nitrobenzene-d5
Concen: 73.957 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124831.D
Acq: 28 Jul 2021 17:08

Tgt Ion:	82	Resp:	25604
Ion Ratio	Lower	Upper	
82	100		
128	44.4	40.6	60.8
54	51.1	49.6	74.4

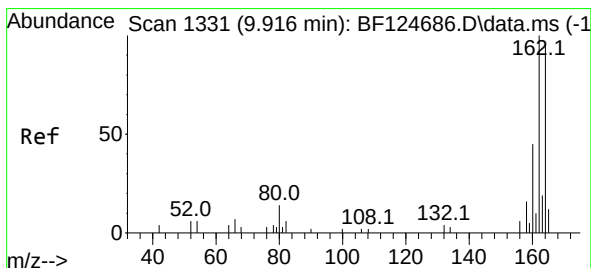
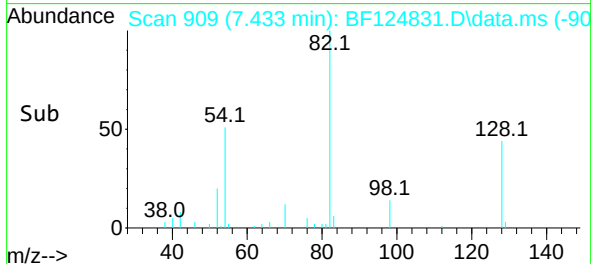
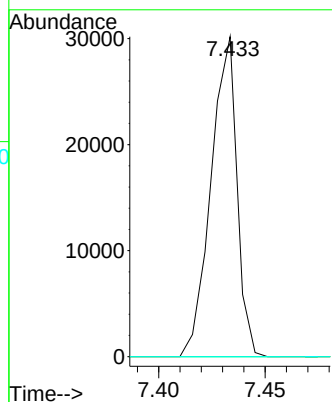
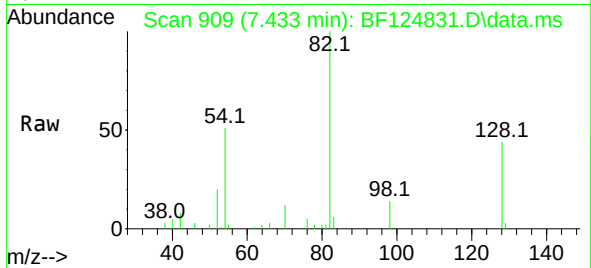




#25
Isophorone
Concen: 41.826 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124831.D
Acq: 28 Jul 2021 17:08

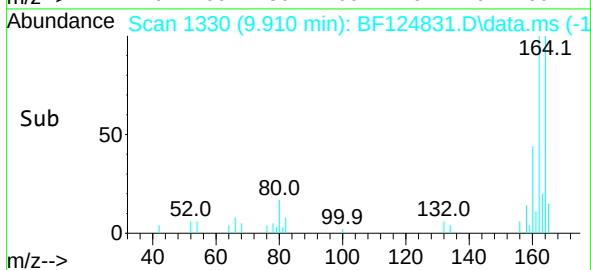
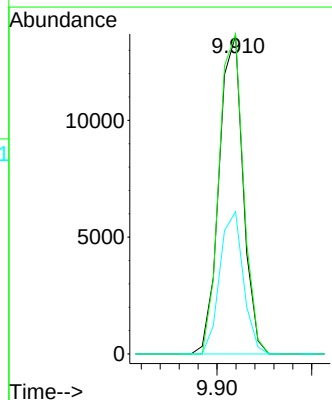
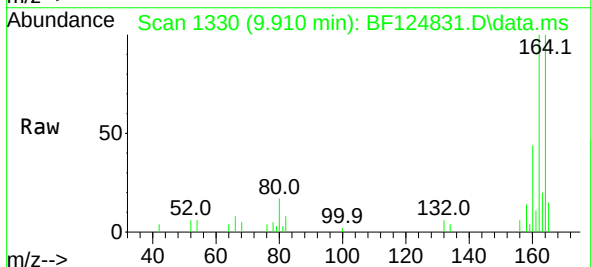
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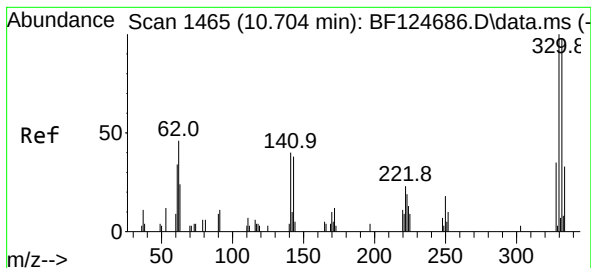
Tgt Ion: 82 Resp: 25604
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124831.D
Acq: 28 Jul 2021 17:08

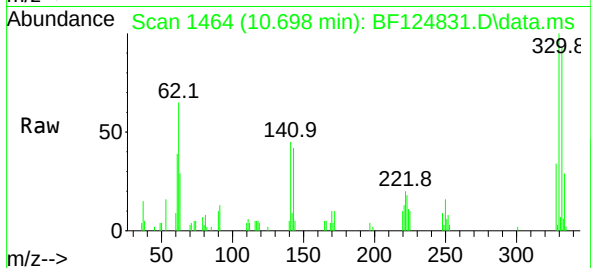
Tgt Ion: 164 Resp: 12023
Ion Ratio Lower Upper
164 100
162 100.5 81.3 121.9
160 44.7 38.0 57.0



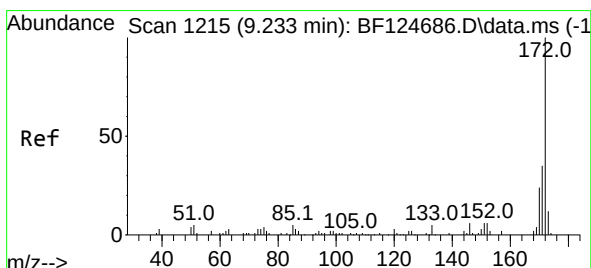
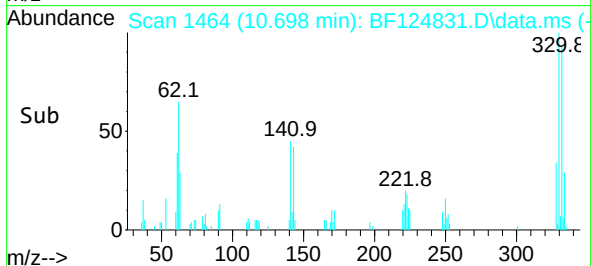
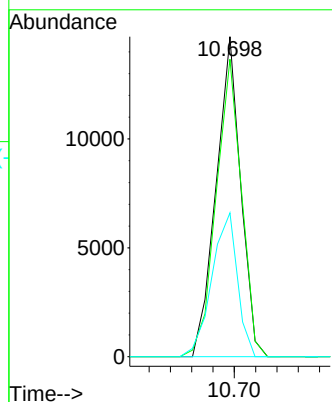


#42
2,4,6-Tribromophenol
Concen: 113.912 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124831.D
Acq: 28 Jul 2021 17:08

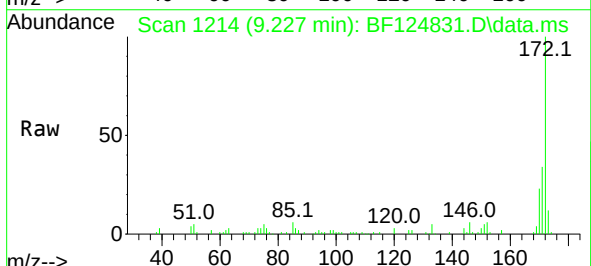
Instrument :
BNA_F
ClientSampleId :
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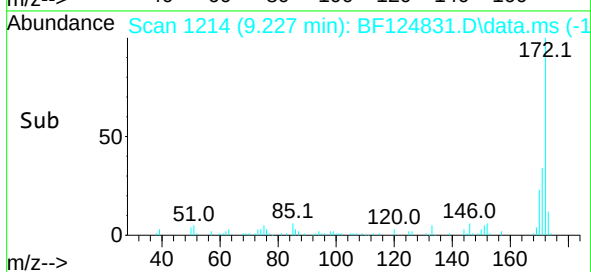
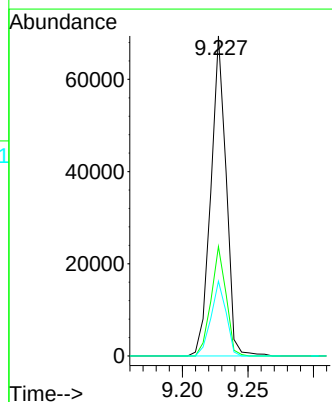
Tgt Ion: 330 Resp: 11759
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 46.8 44.6 66.8

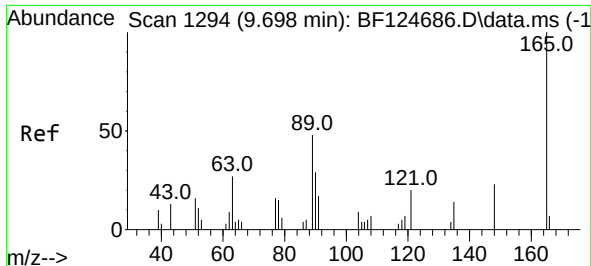


#45
2-Fluorobiphenyl
Concen: 68.694 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124831.D
Acq: 28 Jul 2021 17:08



Tgt Ion: 172 Resp: 56232
Ion Ratio Lower Upper
172 100
171 34.2 26.5 39.7
170 23.4 18.8 28.2

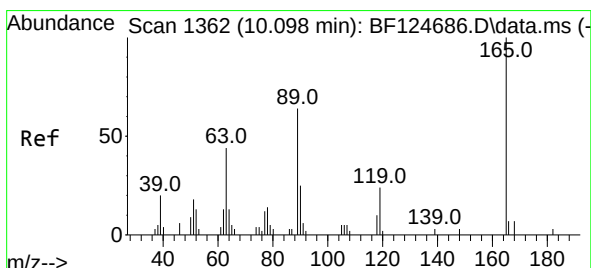
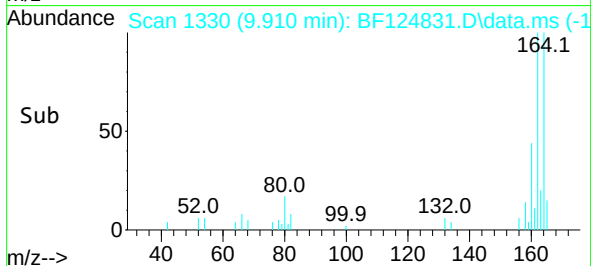
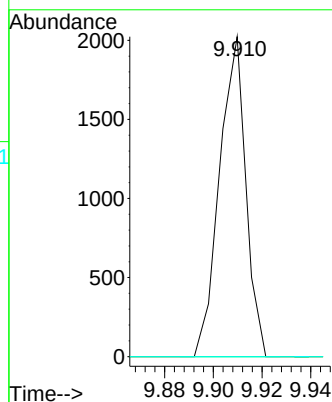
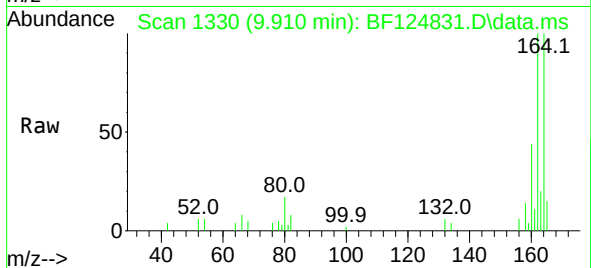




#51
2,6-Dinitrotoluene
Concen: 8.300 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124831.D
Acq: 28 Jul 2021 17:08

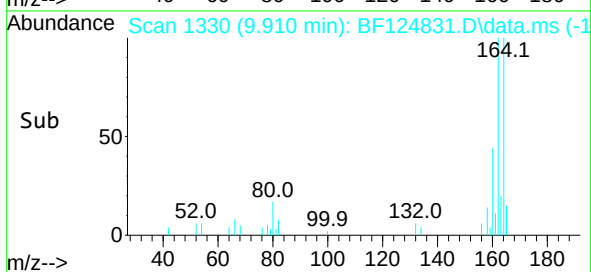
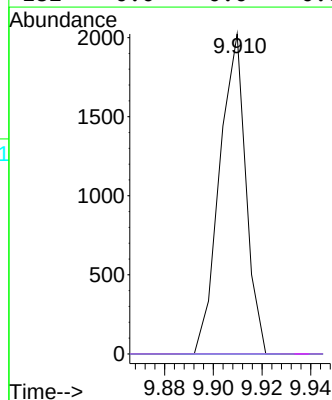
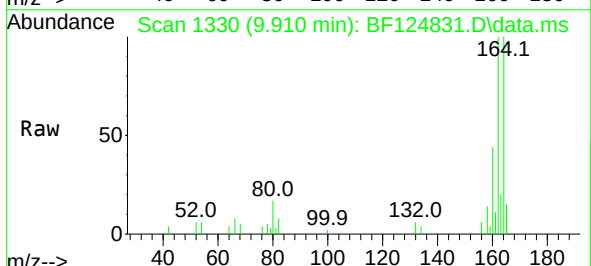
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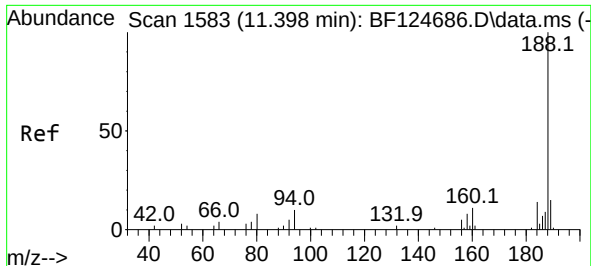
Tgt Ion:165 Resp: 1518
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.116 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124831.D
Acq: 28 Jul 2021 17:08

Tgt Ion:165 Resp: 1518
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

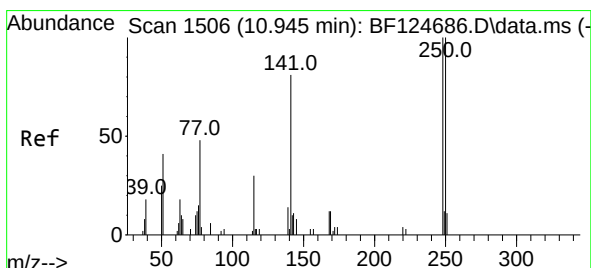
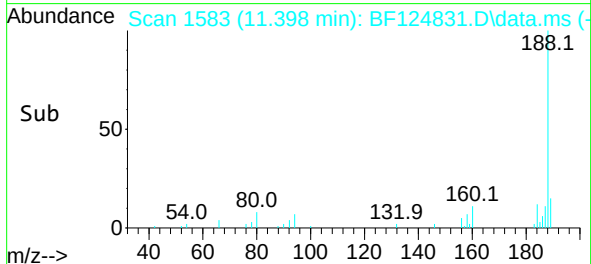
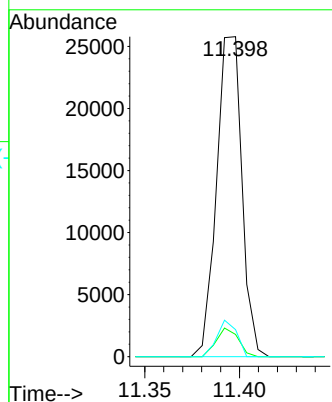
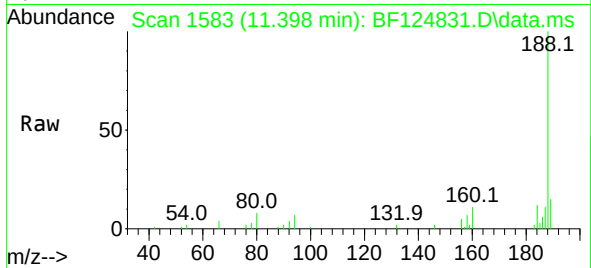




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124831.D
Acq: 28 Jul 2021 17:08

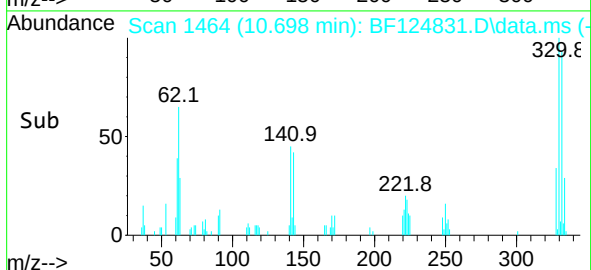
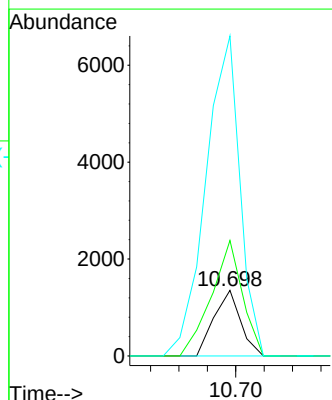
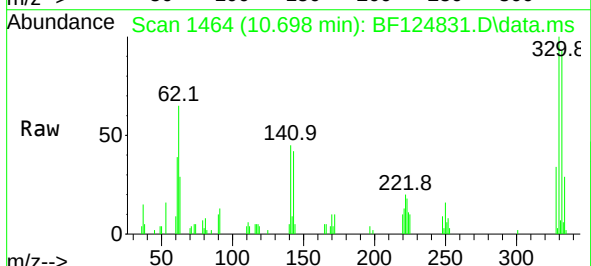
Instrument :
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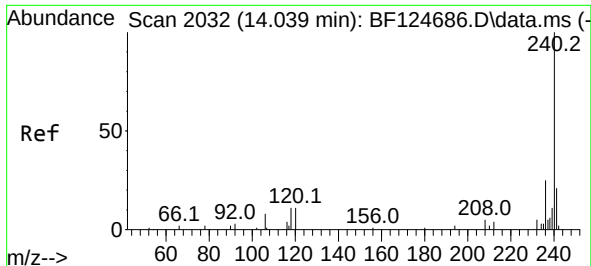
Tgt Ion:188 Resp: 24018
Ion Ratio Lower Upper
188 100
94 7.0 6.7 10.1
80 8.5 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.455 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124831.D
Acq: 28 Jul 2021 17:08

Tgt Ion:248 Resp: 880
Ion Ratio Lower Upper
248 100
250 176.1 74.2 111.4#
141 487.8 60.4 90.6#

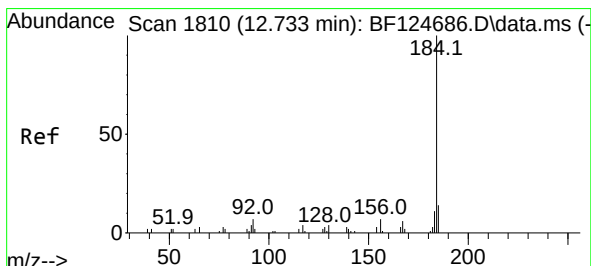
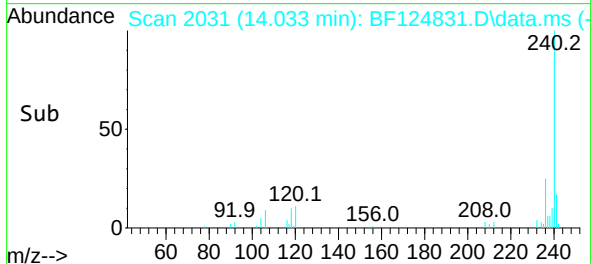
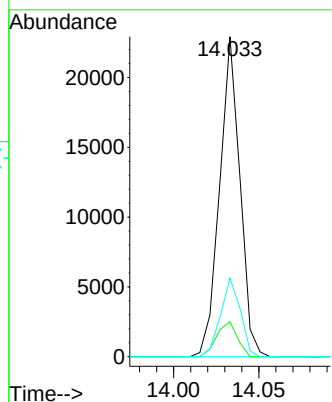
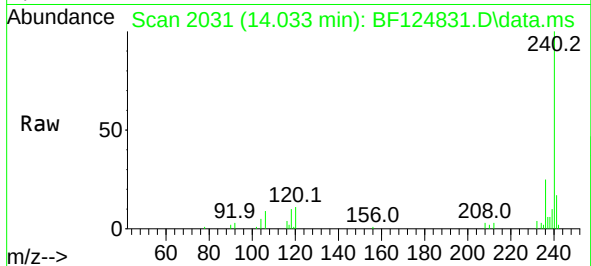




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124831.D
Acq: 28 Jul 2021 17:08

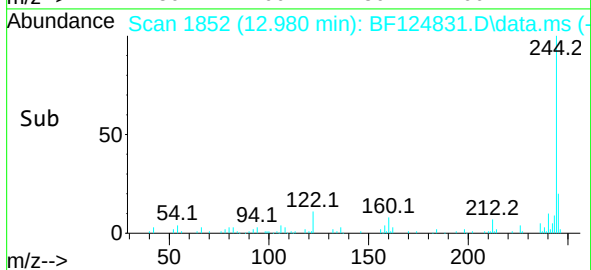
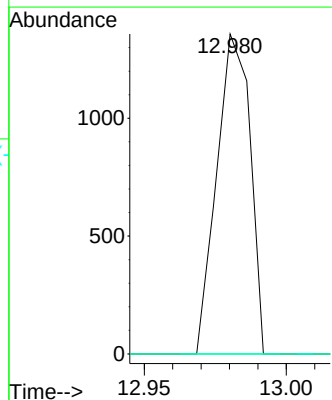
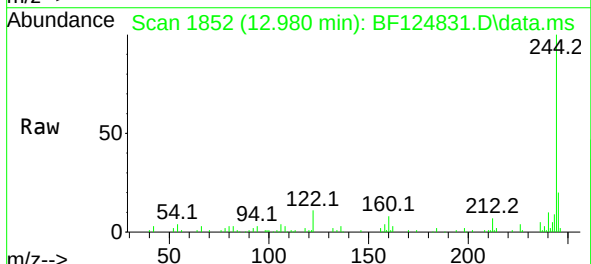
Instrument :
BNA_F
ClientSampleId :
COMP-3

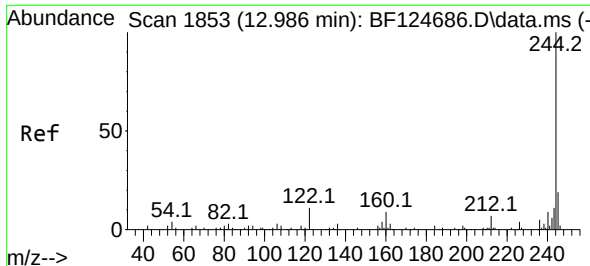
Tgt Ion:240	Resp:	19007
Ion Ratio	Lower	Upper
240	100	
120	11.0	10.8 16.2
236	24.6	21.6 32.4



#77
Benzidine
Concen: 2.067 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.247 min
Lab File: BF124831.D
Acq: 28 Jul 2021 17:08

Tgt Ion:184	Resp:	1108
Ion Ratio	Lower	Upper
184	100	
185	0.0	10.8 16.2#
183	0.0	8.1 12.1#

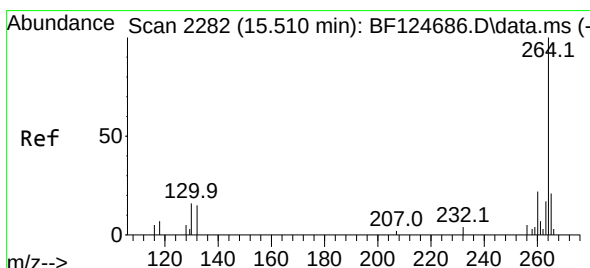
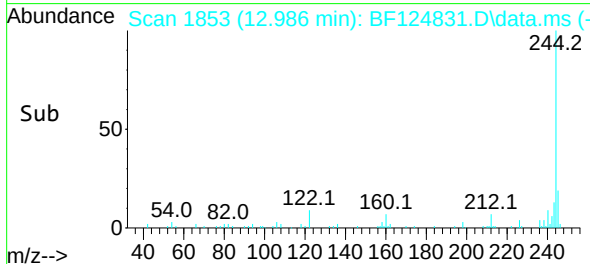
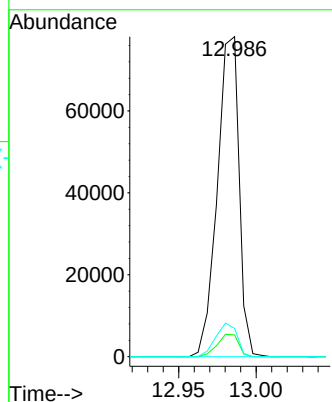
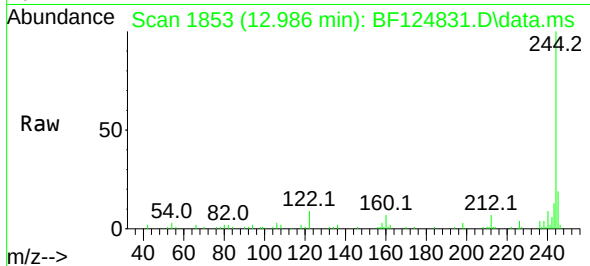




#79
 Terphenyl-d14
 Concen: 68.973 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: BF124831.D
 Acq: 28 Jul 2021 17:08

Instrument :
 BNA_F
 ClientSampleID :
 COMP-3

Tgt Ion:244 Resp: 76479
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 8.8 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 2282
 Delta R.T. -0.000 min
 Lab File: BF124831.D
 Acq: 28 Jul 2021 17:08

Tgt Ion:264 Resp: 14438
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.6 29.4
 265 20.0 17.2 25.8

