

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072221\
 Data File : BF124702.D
 Acq On : 22 Jul 2021 22:10
 Operator : JU/CG
 Sample : M3093-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210537-COM-10

Quant Time: Jul 23 02:06:42 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)

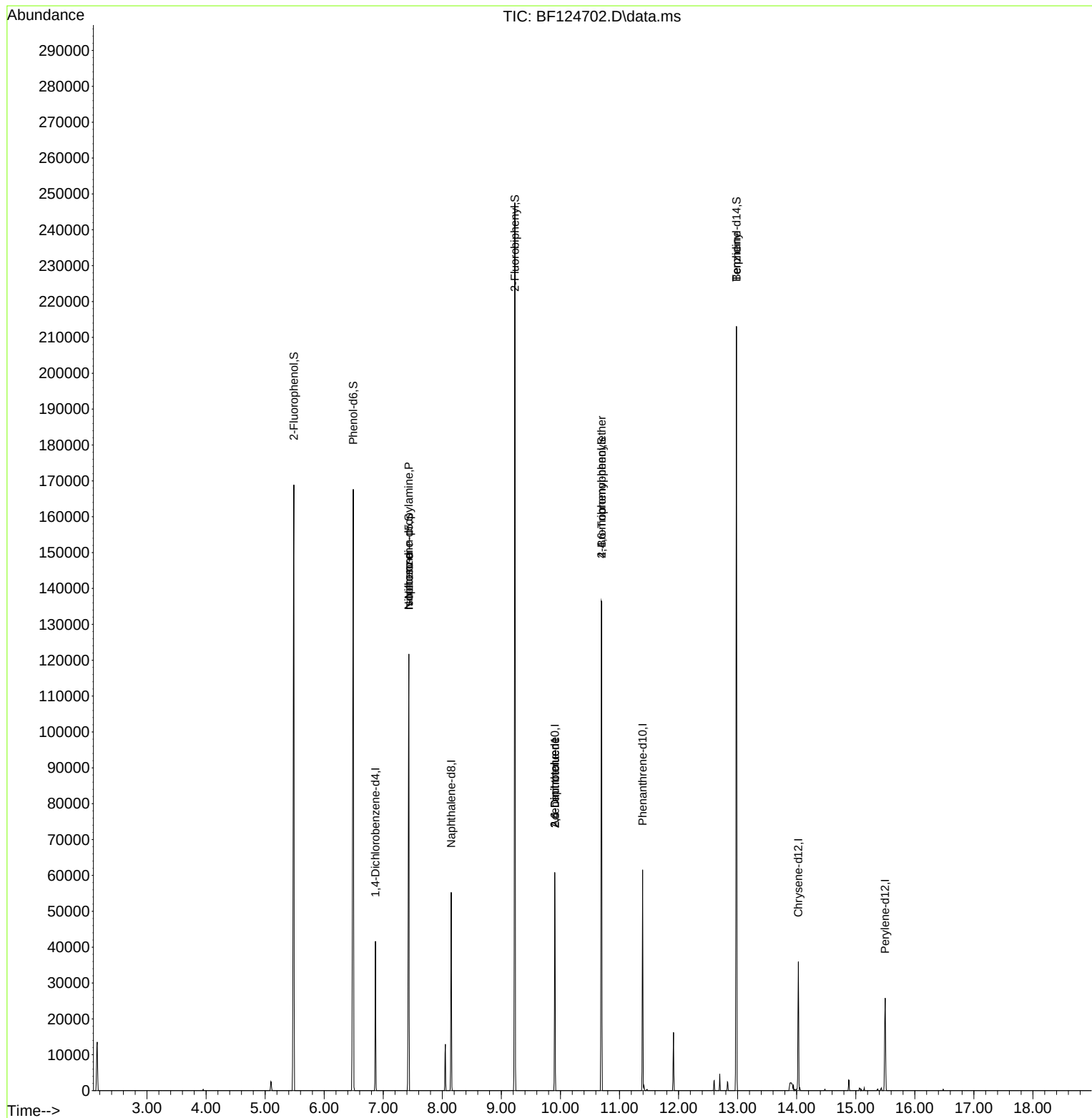
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	5981	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	22752	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	12361	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	20743	20.00	ng	0.00
76) Chrysene-d12	14.027	240	12508	20.00	ng	-0.01
86) Perylene-d12	15.498	264	12339	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	47924	135.67	ng	0.00
7) Phenol-d6	6.492	99	57617	130.11	ng	0.00
23) Nitrobenzene-d5	7.434	82	35329	92.42	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	14062	132.50	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	73233	87.02	ng	0.00
79) Terphenyl-d14	12.980	244	68707	94.16	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	4331	18.31	ng	Qvalue
25) Isophorone	7.434	82	35328	52.26	ng	# 73
51) 2,6-Dinitrotoluene	9.904	165	1411	7.50	ng	# 59
57) 2,4-Dinitrotoluene	9.904	165	1411	5.53	ng	# 26
67) 4-Bromophenyl-phenylether	10.698	248	1156	5.25	ng	# 18
77) Benzidine	12.980	184	982	2.78	ng	# 1

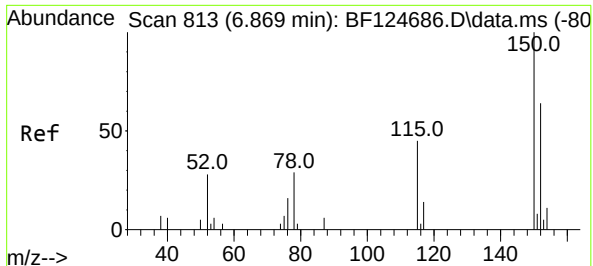
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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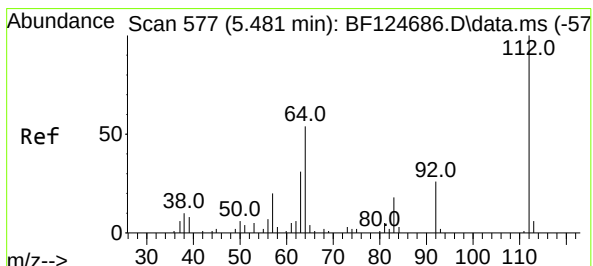
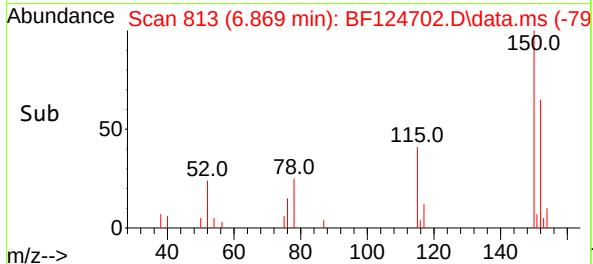
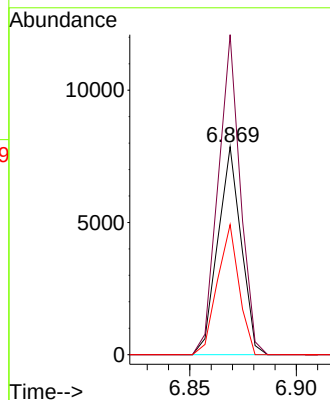
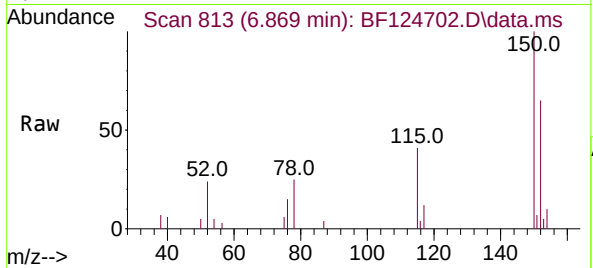




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124702.D
Acq: 22 Jul 2021 22:10

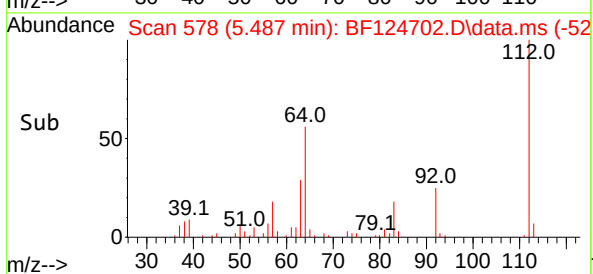
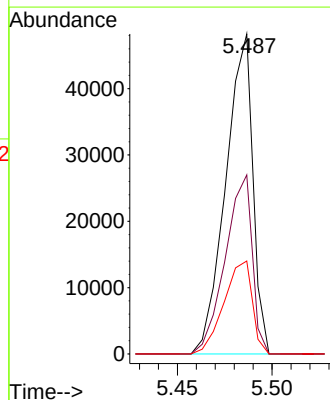
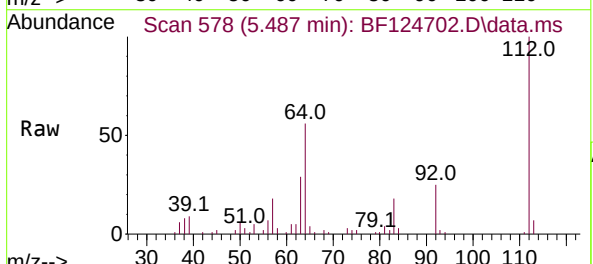
Instrument :
BNA_F
ClientSampleId :
20210537-COM-10

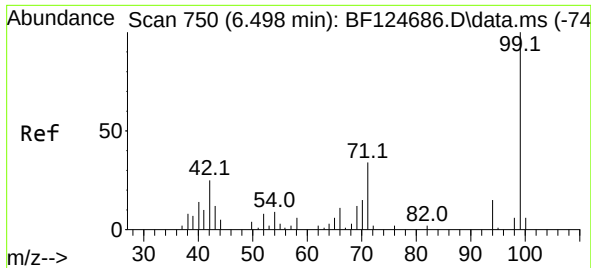
Tgt Ion:152 Resp: 5981
Ion Ratio Lower Upper
152 100
150 153.9 117.6 176.4
115 62.6 47.1 70.7



#5
2-Fluorophenol
Concen: 135.67 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124702.D
Acq: 22 Jul 2021 22:10

Tgt Ion:112 Resp: 47924
Ion Ratio Lower Upper
112 100
64 55.9 44.2 66.2
63 29.0 26.2 39.2

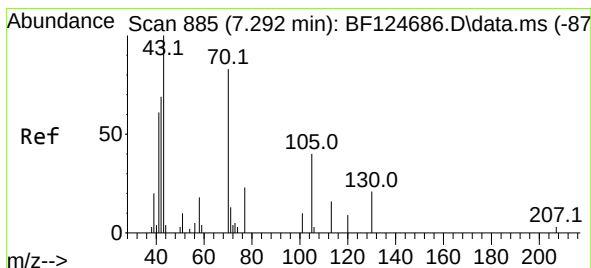
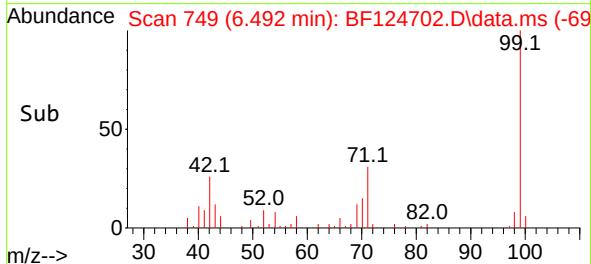
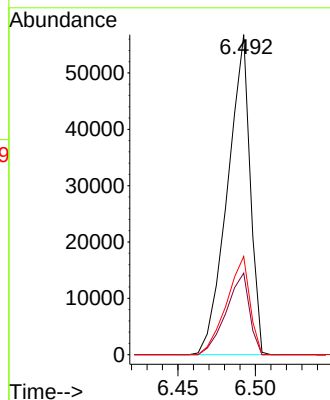
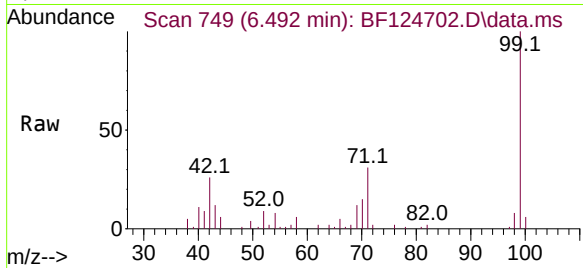




#7
Phenol-d6
Concen: 130.11 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124702.D
Acq: 22 Jul 2021 22:10

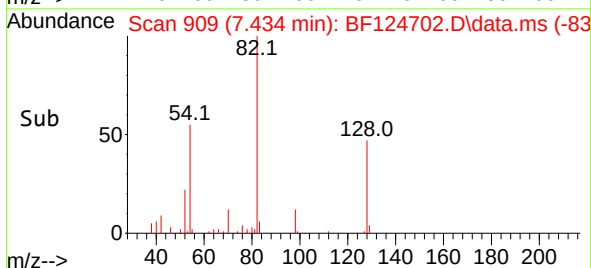
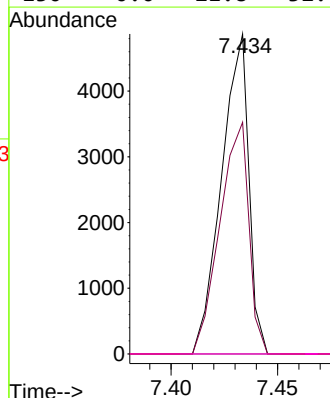
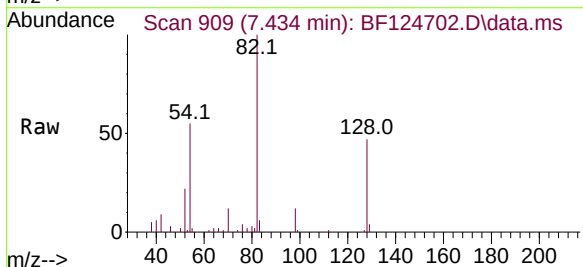
Instrument :
BNA_F
ClientSampleId :
20210537-COM-10

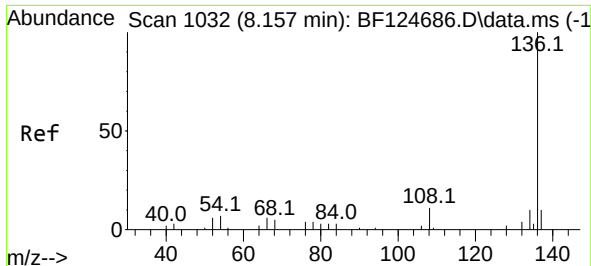
Tgt Ion:	99	Resp:	57617
Ion	Ratio	Lower	Upper
99	100		
42	25.5	23.5	35.3
71	30.7	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.31 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124702.D
Acq: 22 Jul 2021 22:10

Tgt Ion:	70	Resp:	4331
Ion	Ratio	Lower	Upper
70	100		
42	72.4	72.2	108.2
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#



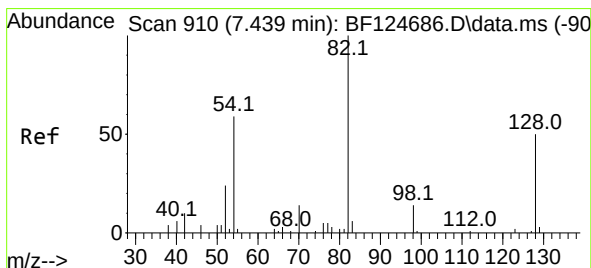
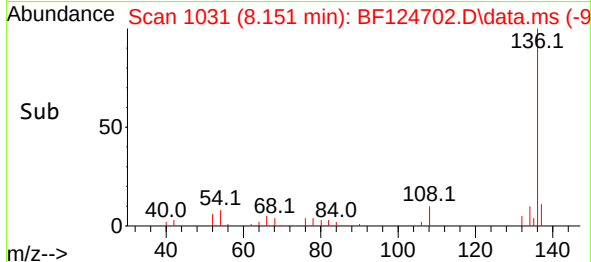
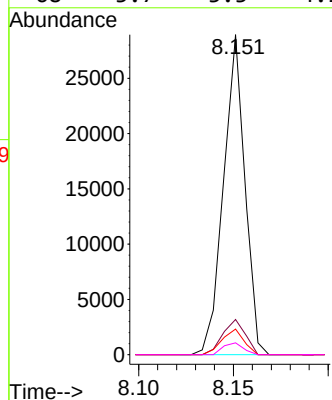
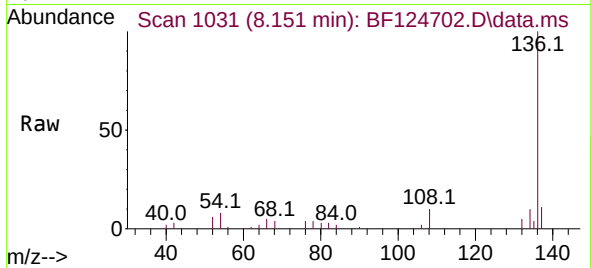


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124702.D
Acq: 22 Jul 2021 22:10

Instrument :
BNA_F
ClientSampleId :
20210537-COM-10

Tgt Ion:136 Resp: 22752

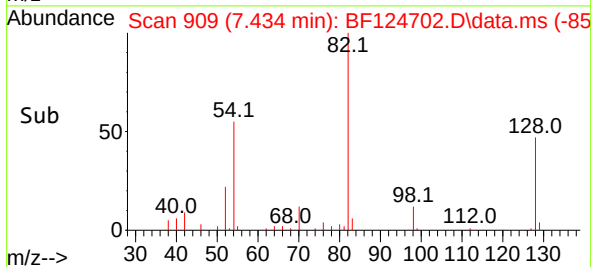
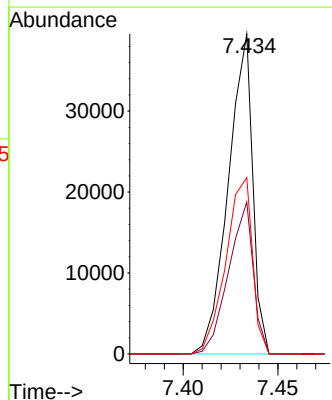
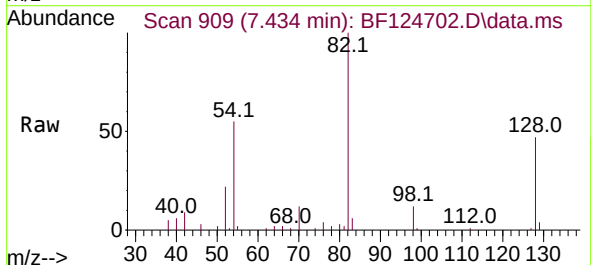
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.6
54	8.0	6.4	9.6
68	3.7	3.3	4.9

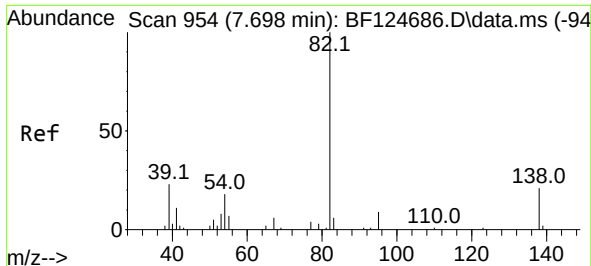


#23
Nitrobenzene-d5
Concen: 92.42 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124702.D
Acq: 22 Jul 2021 22:10

Tgt Ion: 82 Resp: 35329

Ion	Ratio	Lower	Upper
82	100		
128	47.5	40.6	60.8
54	55.1	49.6	74.4

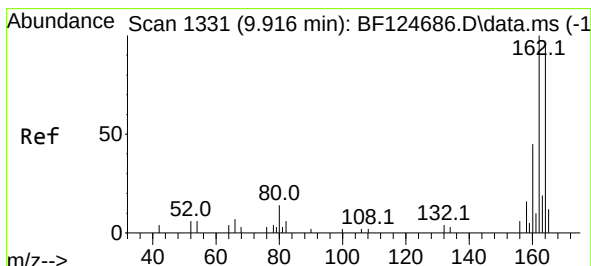
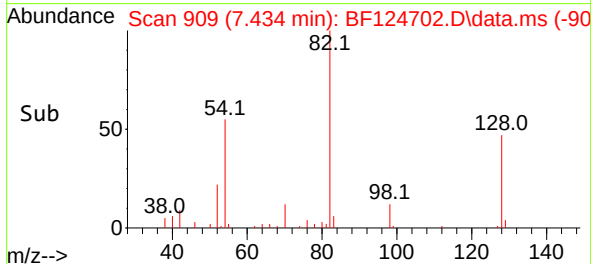
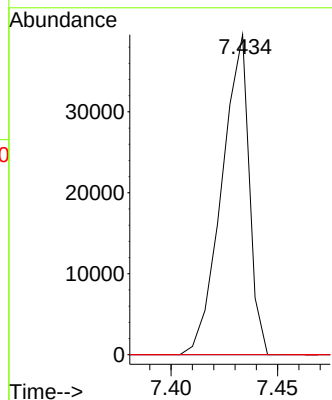
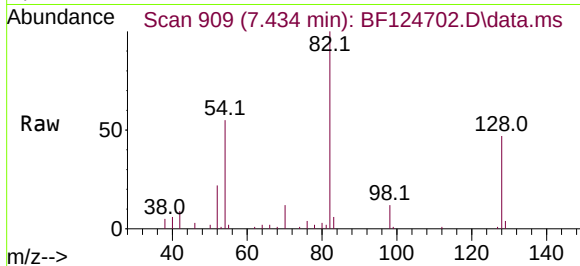




#25
Isophorone
Concen: 52.26 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124702.D
Acq: 22 Jul 2021 22:10

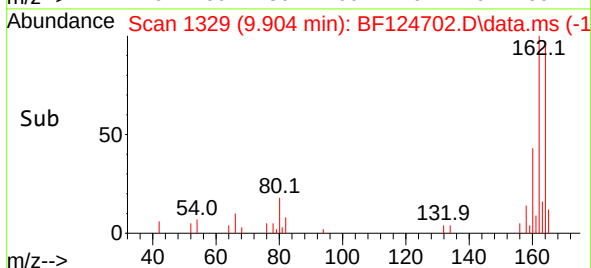
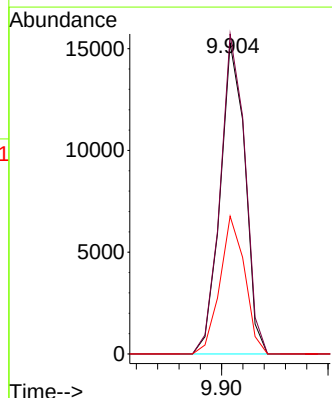
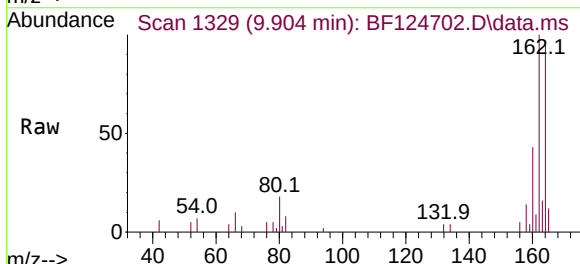
Instrument :
BNA_F
ClientSampleId :
20210537-COM-10

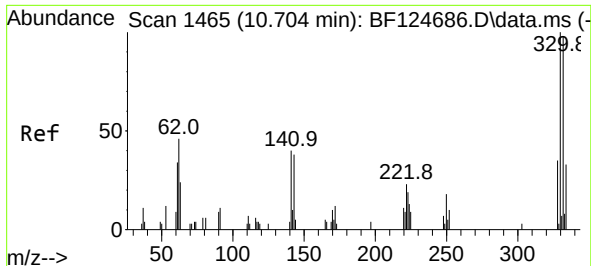
Tgt Ion: 82 Resp: 35328
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF124702.D
Acq: 22 Jul 2021 22:10

Tgt Ion: 164 Resp: 12361
Ion Ratio Lower Upper
164 100
162 102.9 81.3 121.9
160 44.3 38.0 57.0

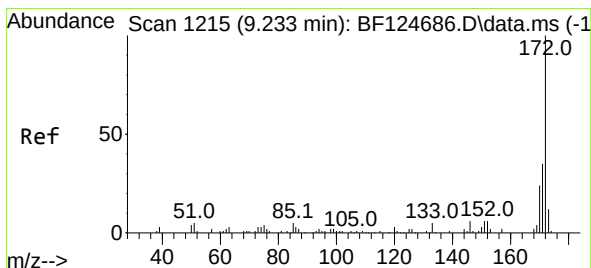
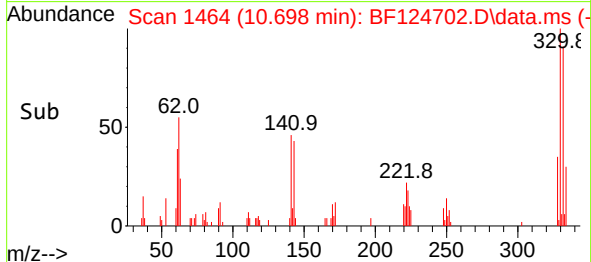
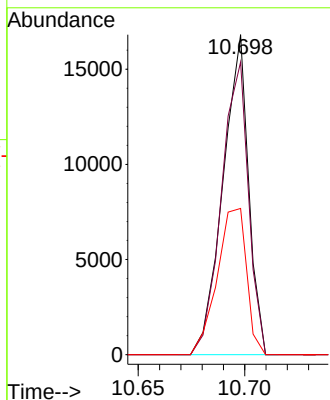
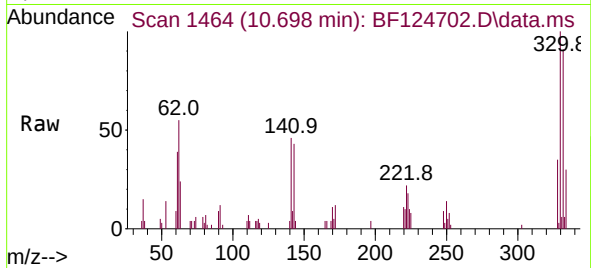




#42
2,4,6-Tribromophenol
Concen: 132.50 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124702.D
Acq: 22 Jul 2021 22:10

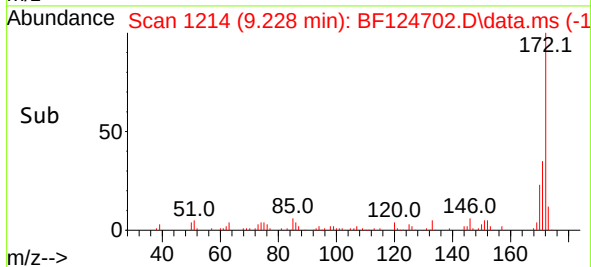
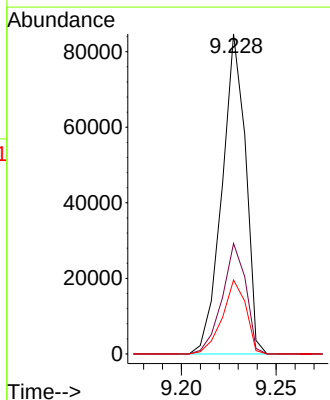
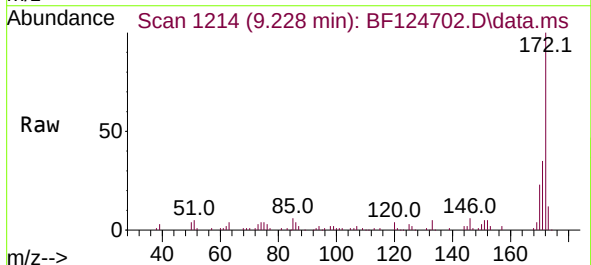
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ClientSampleId :
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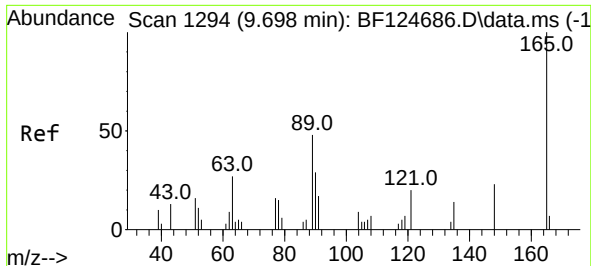
Tgt Ion: 330 Resp: 14062
Ion Ratio Lower Upper
330 100
332 96.3 76.2 114.4
141 52.6 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 87.02 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124702.D
Acq: 22 Jul 2021 22:10

Tgt Ion: 172 Resp: 73233
Ion Ratio Lower Upper
172 100
171 34.6 26.5 39.7
170 23.1 18.8 28.2

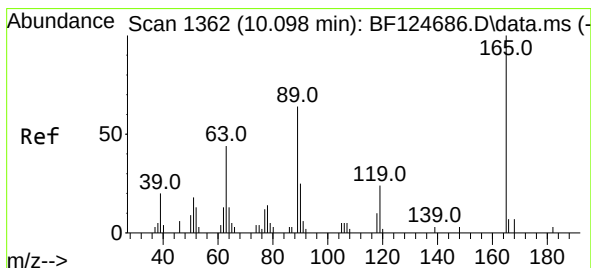
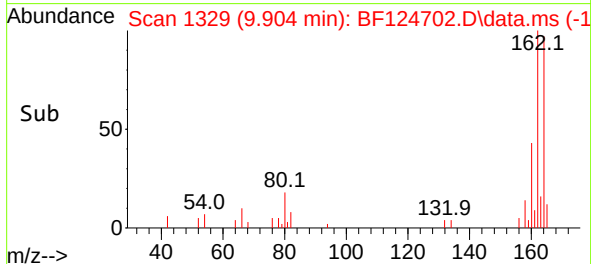
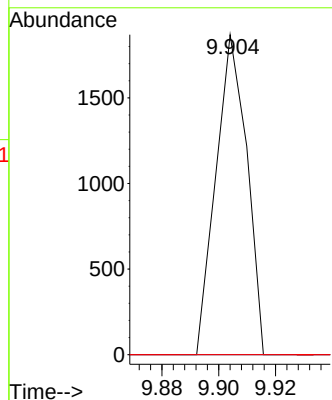
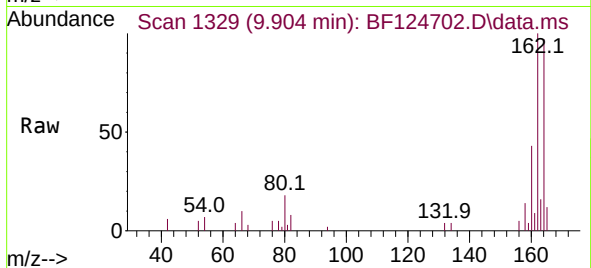




#51
2,6-Dinitrotoluene
Concen: 7.50 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF124702.D
Acq: 22 Jul 2021 22:10

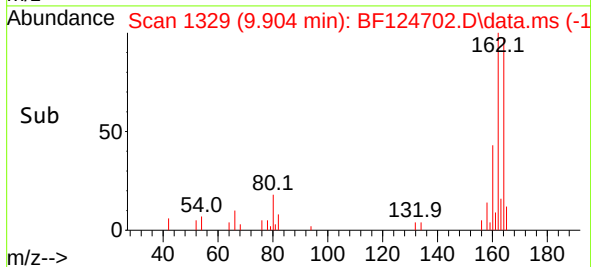
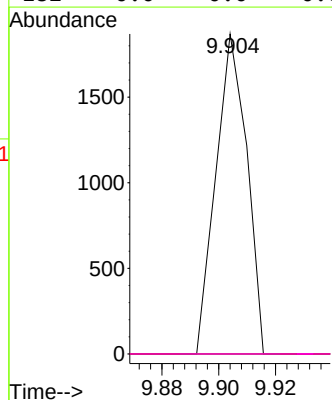
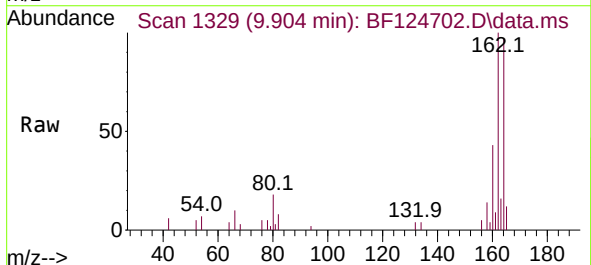
Instrument :
BNA_F
ClientSampleId :
20210537-COM-10

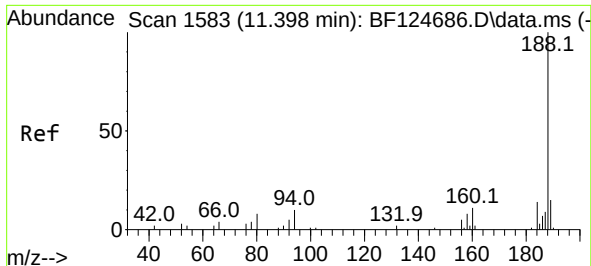
Tgt Ion:165 Resp: 1411
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.53 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF124702.D
Acq: 22 Jul 2021 22:10

Tgt Ion:165 Resp: 1411
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

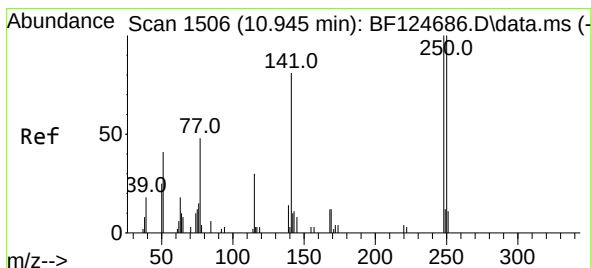
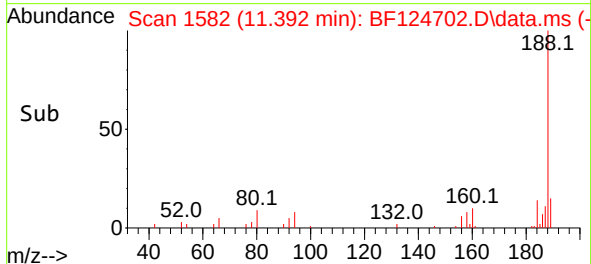
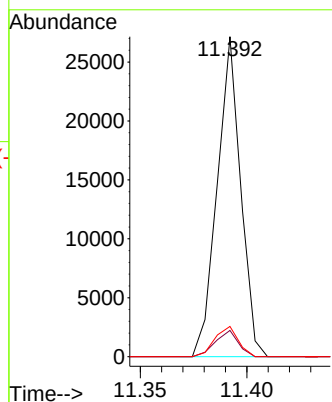
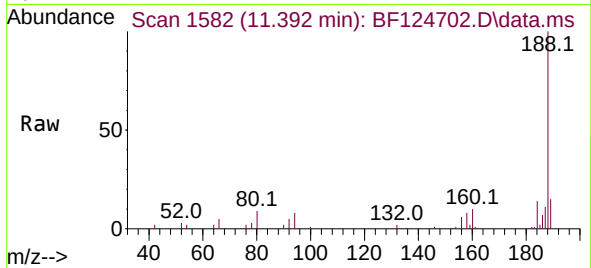




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124702.D
Acq: 22 Jul 2021 22:10

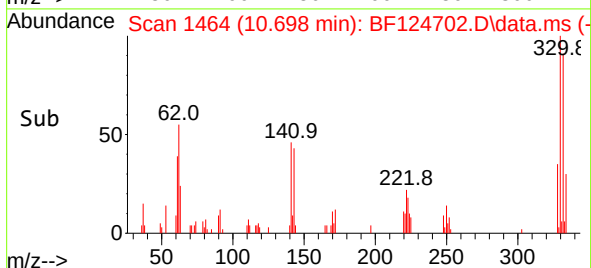
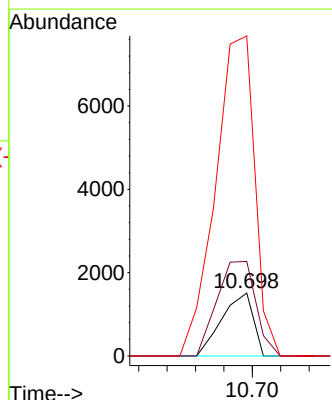
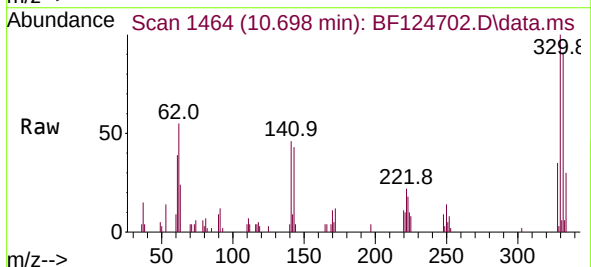
Instrument :
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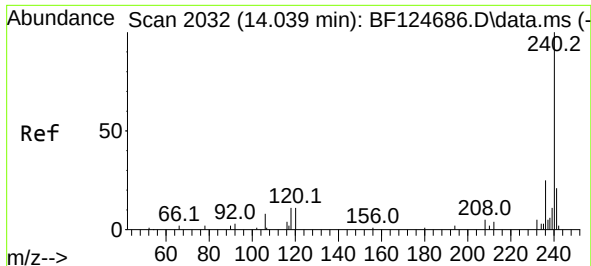
Tgt Ion:188 Resp: 20743
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 9.4 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 5.25 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124702.D
Acq: 22 Jul 2021 22:10

Tgt Ion:248 Resp: 1156
Ion Ratio Lower Upper
248 100
250 113.4 74.2 111.4#
141 383.4 60.4 90.6#

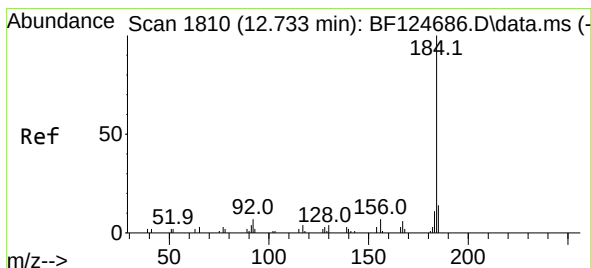
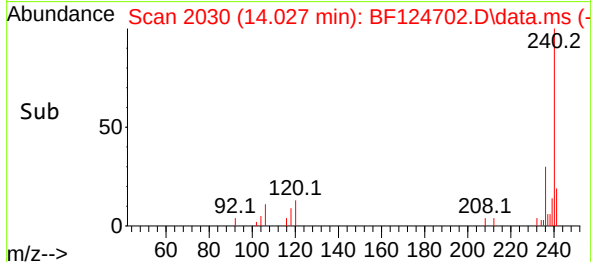
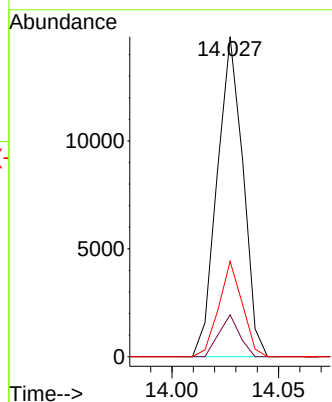
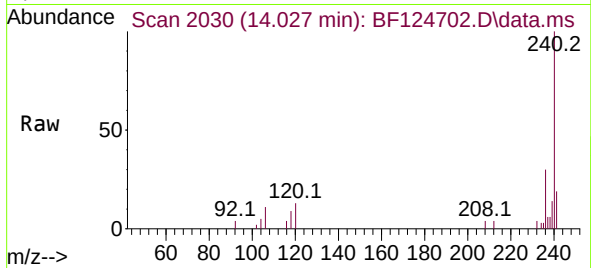




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF124702.D
Acq: 22 Jul 2021 22:10

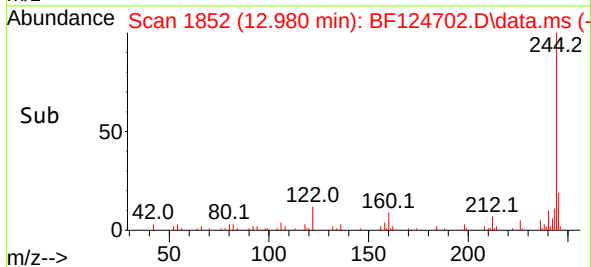
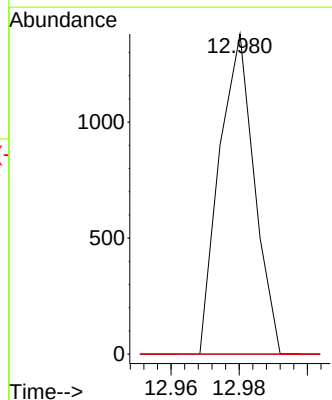
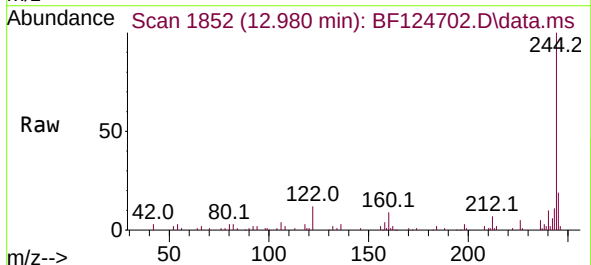
Instrument :
BNA_F
ClientSampleId :
20210537-COM-10

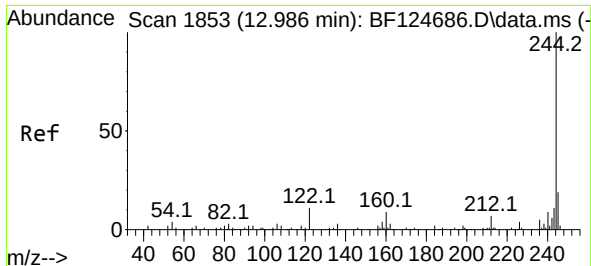
Tgt Ion:240 Resp: 12508
Ion Ratio Lower Upper
240 100
120 13.1 10.8 16.2
236 29.8 21.6 32.4



#77
Benzidine
Concen: 2.78 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.247 min
Lab File: BF124702.D
Acq: 22 Jul 2021 22:10

Tgt Ion:184 Resp: 982
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#

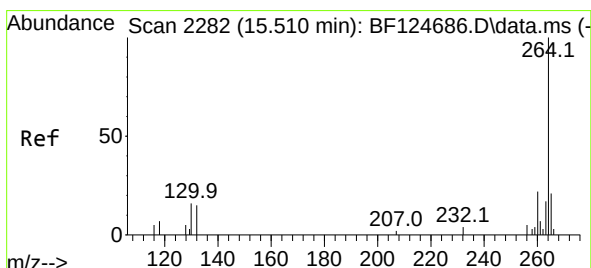
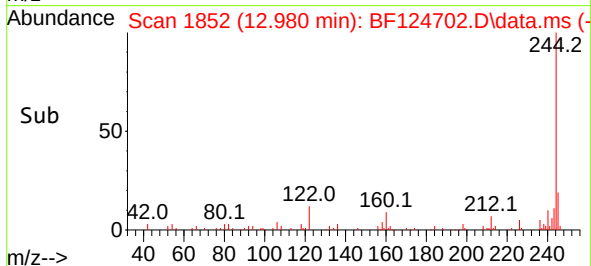
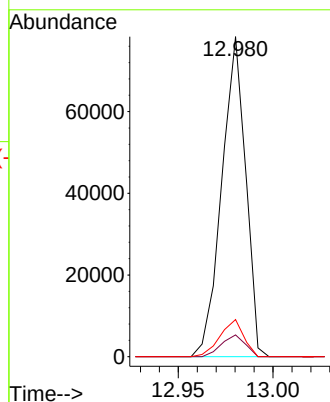
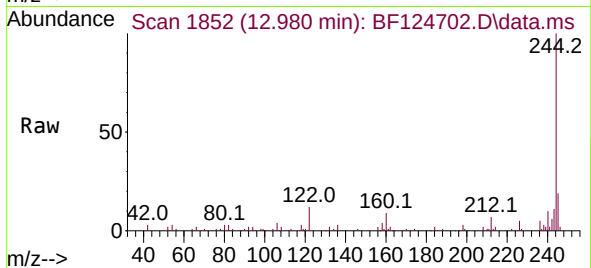




#79
Terphenyl-d14
Concen: 94.16 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124702.D
Acq: 22 Jul 2021 22:10

Instrument :
BNA_F
ClientSampleId :
20210537-COM-10

Tgt Ion:244 Resp: 68707
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 11.6 9.0 13.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.498 min Scan# 2280
Delta R.T. -0.012 min
Lab File: BF124702.D
Acq: 22 Jul 2021 22:10

Tgt Ion:264 Resp: 12339
Ion Ratio Lower Upper
264 100
260 22.9 19.6 29.4
265 18.9 17.2 25.8

