

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072221\
 Data File : BF124701.D
 Acq On : 22 Jul 2021 21:37
 Operator : JU/CG
 Sample : M3093-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210531-COM-4

Quant Time: Jul 23 02:06:34 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)

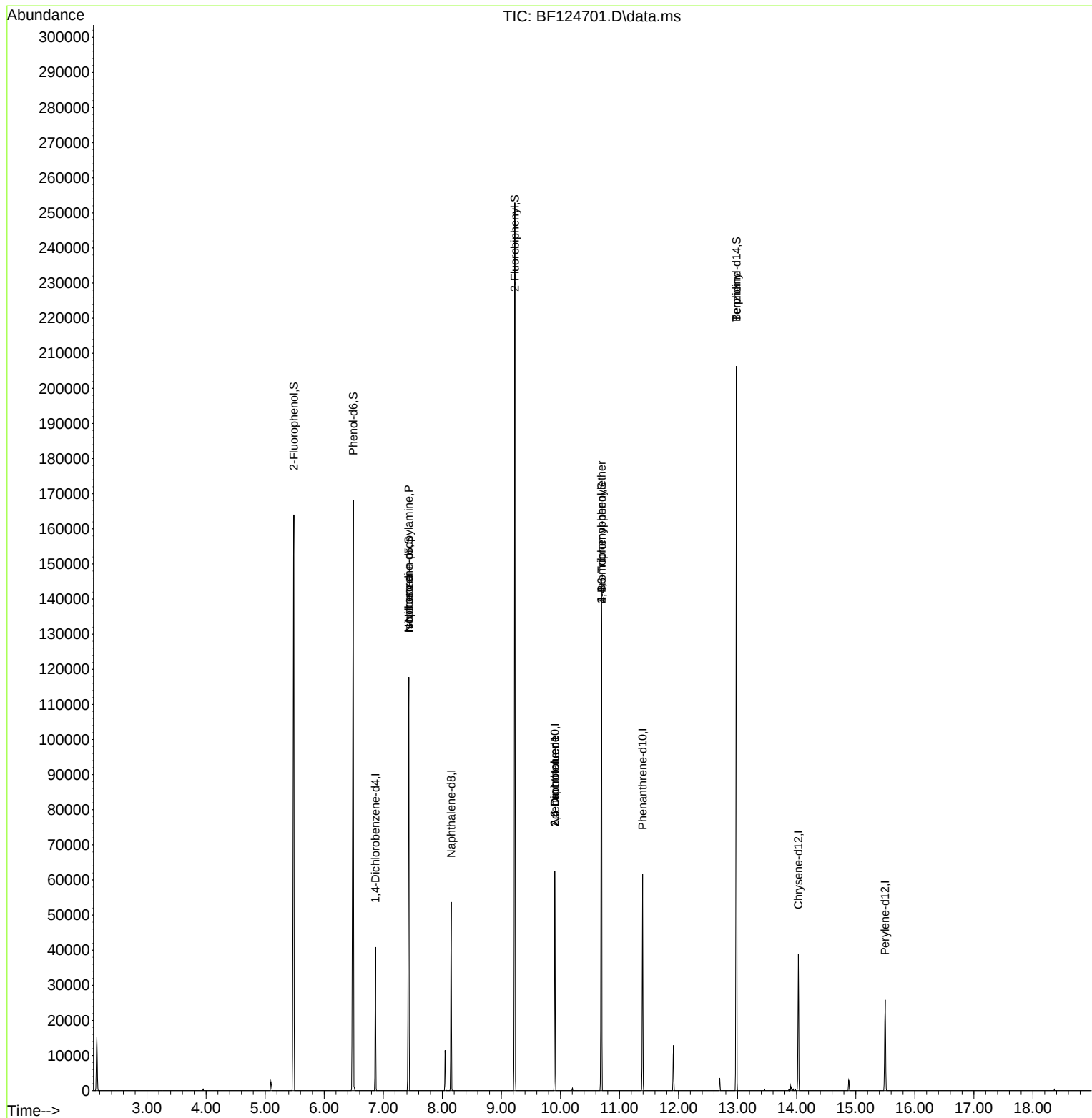
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	5947	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	22824	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	12424	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	21781	20.00	ng	0.00
76) Chrysene-d12	14.027	240	13978	20.00	ng	#-0.01
86) Perylene-d12	15.498	264	12624	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	49396	140.63	ng	0.00
7) Phenol-d6	6.492	99	58284	132.36	ng	0.00
23) Nitrobenzene-d5	7.434	82	35751	93.23	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	14746	138.24	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	70945	83.87	ng	0.00
79) Terphenyl-d14	12.980	244	64483	79.08	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	4627	19.68	ng	# 71
25) Isophorone	7.434	82	35751	52.72	ng	# 59
51) 2,6-Dinitrotoluene	9.904	165	1574	8.33	ng	# 26
57) 2,4-Dinitrotoluene	9.904	165	1574	6.14	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	1136	4.92	ng	# 1
77) Benzidine	12.980	184	1016	2.58	ng	# 69

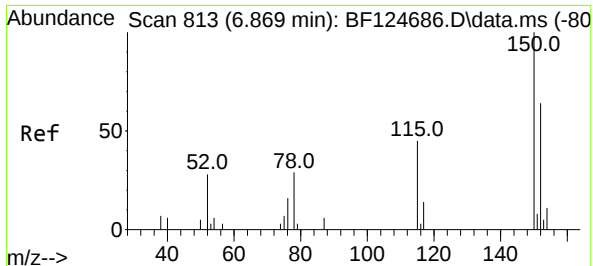
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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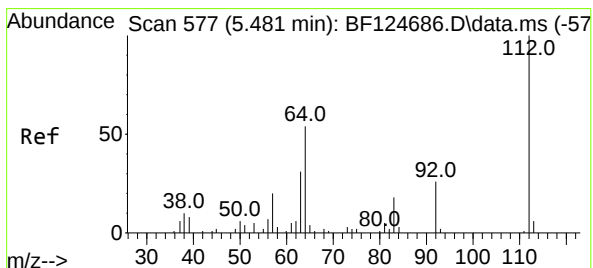
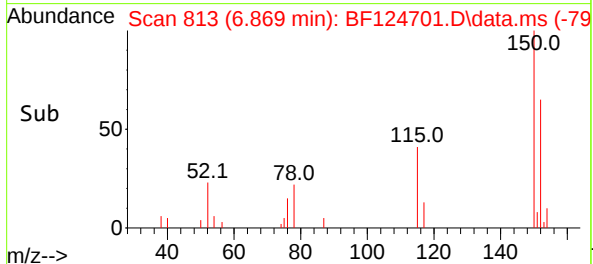
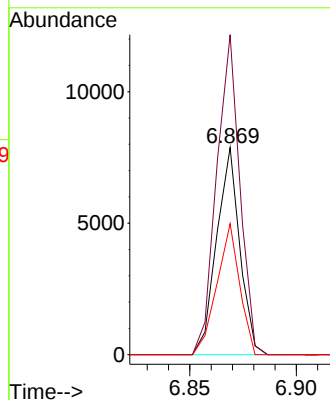
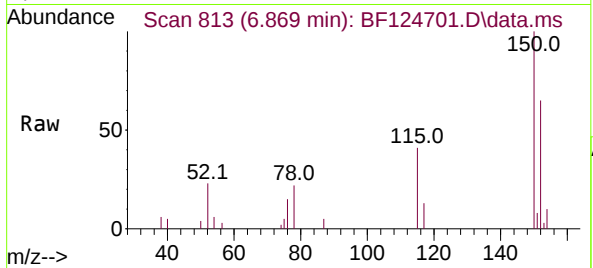




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124701.D
Acq: 22 Jul 2021 21:37

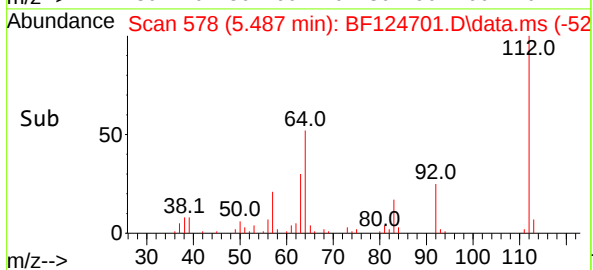
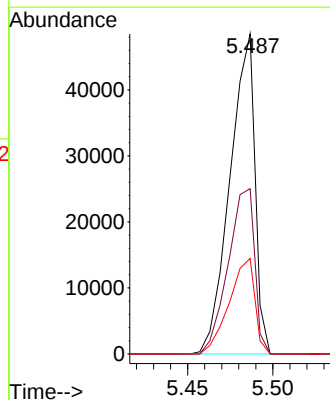
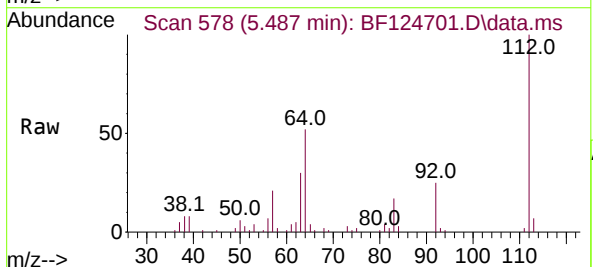
Instrument :
BNA_F
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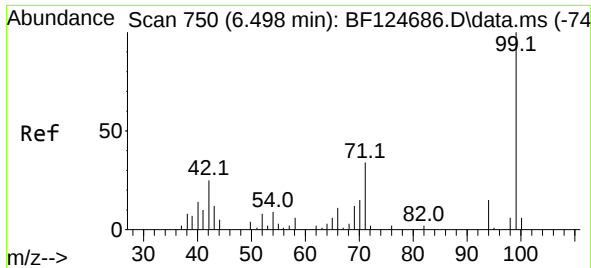
Tgt Ion:152 Resp: 5947
Ion Ratio Lower Upper
152 100
150 154.4 117.6 176.4
115 63.3 47.1 70.7



#5
2-Fluorophenol
Concen: 140.63 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124701.D
Acq: 22 Jul 2021 21:37

Tgt Ion:112 Resp: 49396
Ion Ratio Lower Upper
112 100
64 51.6 44.2 66.2
63 29.9 26.2 39.2

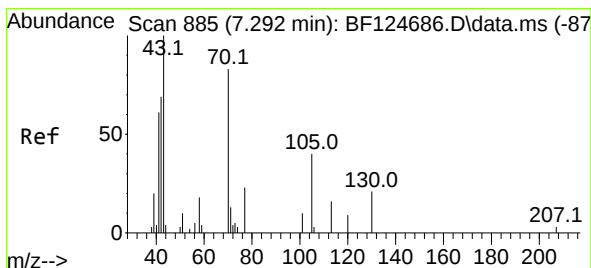
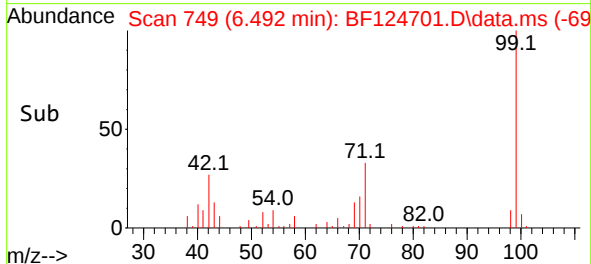
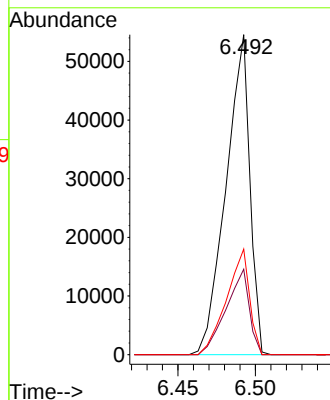
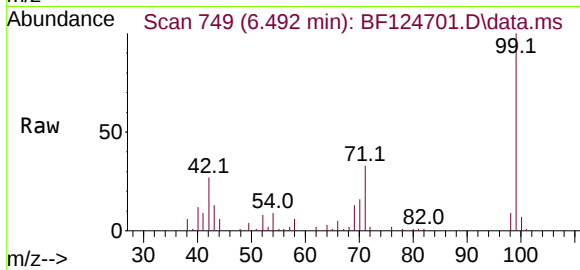




#7
Phenol-d6
Concen: 132.36 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124701.D
Acq: 22 Jul 2021 21:37

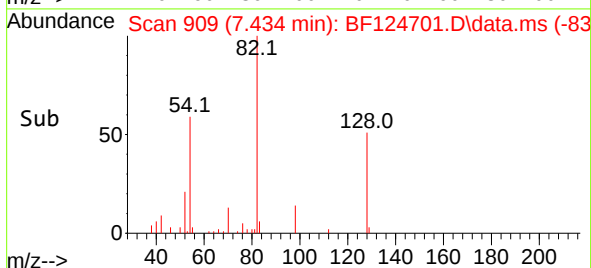
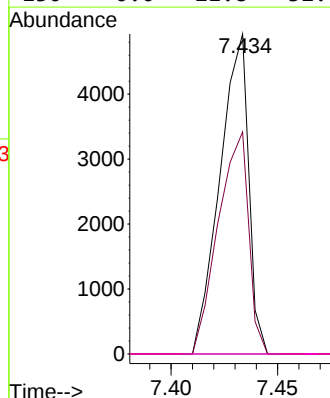
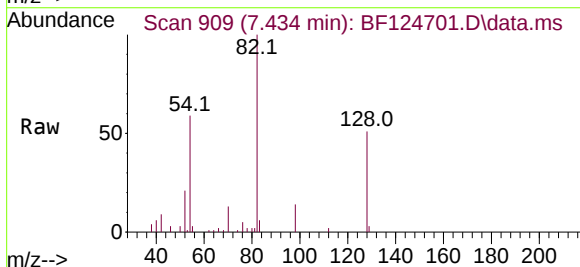
Instrument :
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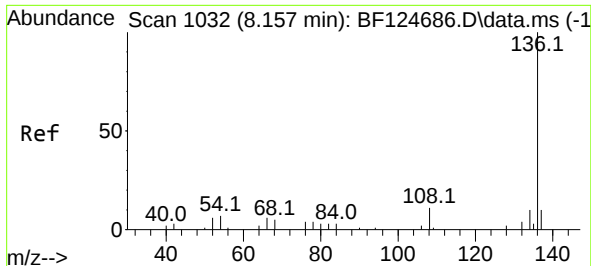
Tgt Ion: 99	Resp: 58284
Ion Ratio	Lower Upper
99 100	
42 26.7	23.5 35.3
71 33.0	25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 19.68 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124701.D
Acq: 22 Jul 2021 21:37

Tgt Ion: 70	Resp: 4627
Ion Ratio	Lower Upper
70 100	
42 69.4	72.2 108.2#
101 0.0	7.8 11.8#
130 0.0	21.8 32.6#

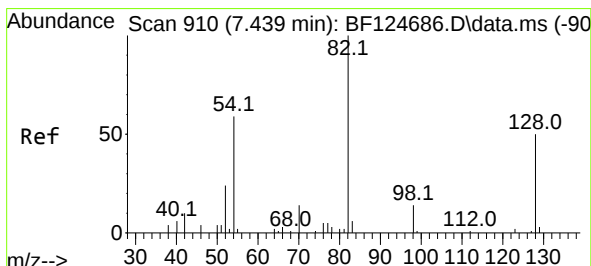
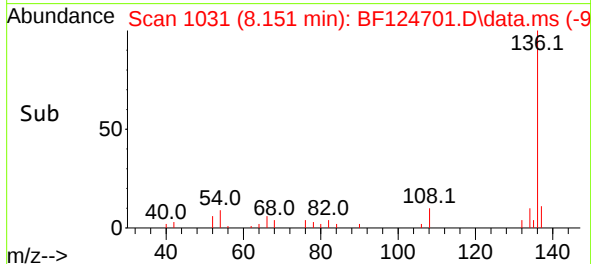
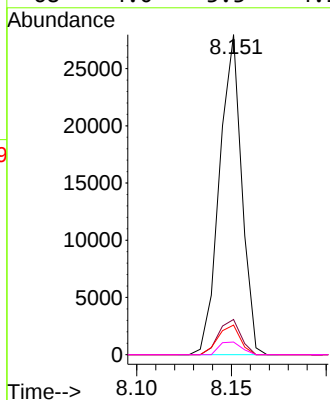
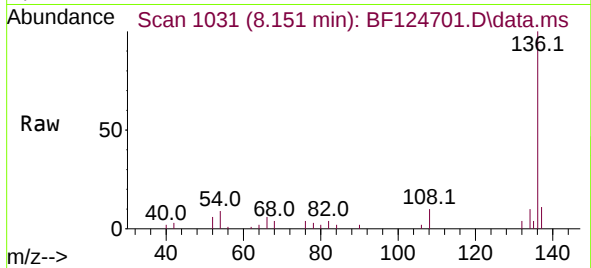




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124701.D
Acq: 22 Jul 2021 21:37

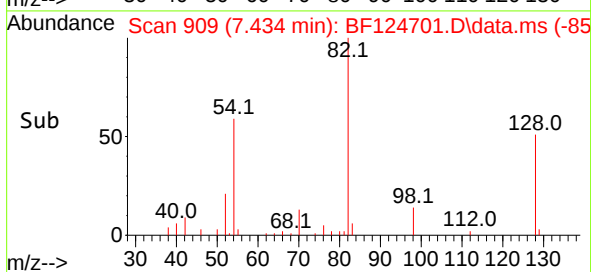
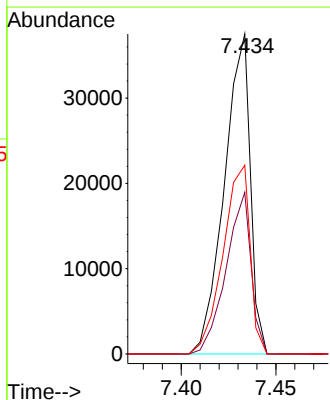
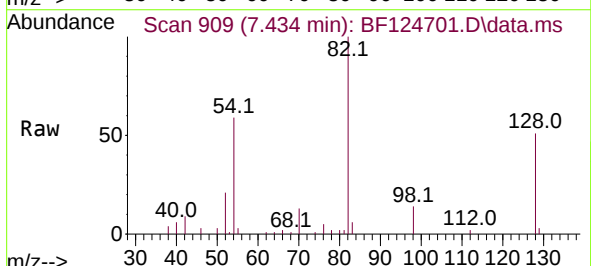
Instrument :
BNA_F
ClientSampleId :
20210531-COM-4

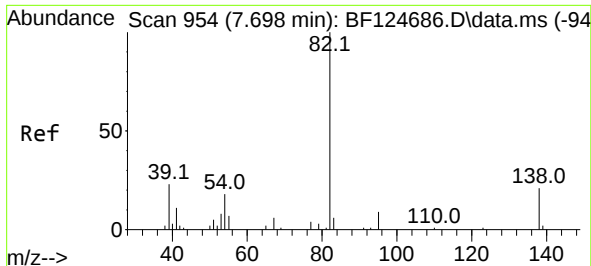
Tgt Ion:136	Resp:	22824
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.8 14.6
54	9.3	6.4 9.6
68	4.0	3.3 4.9



#23
Nitrobenzene-d5
Concen: 93.23 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124701.D
Acq: 22 Jul 2021 21:37

Tgt Ion: 82	Resp:	35751
Ion Ratio	Lower	Upper
82	100	
128	50.5	40.6 60.8
54	59.0	49.6 74.4

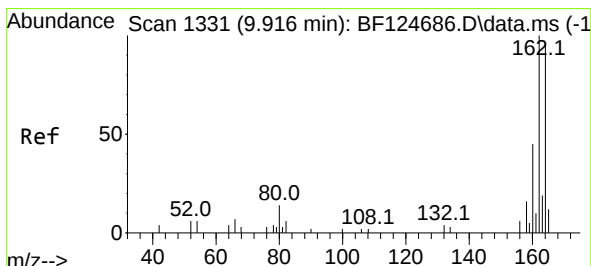
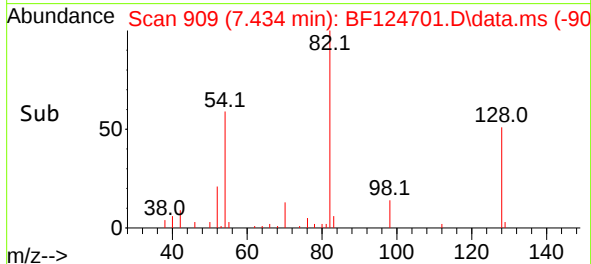
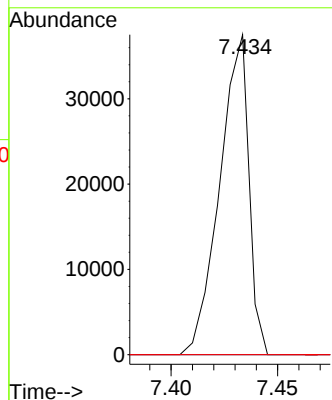
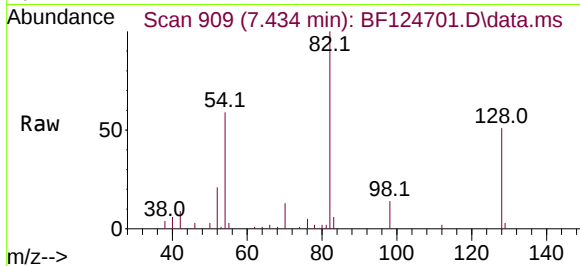




#25
Isophorone
Concen: 52.72 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124701.D
Acq: 22 Jul 2021 21:37

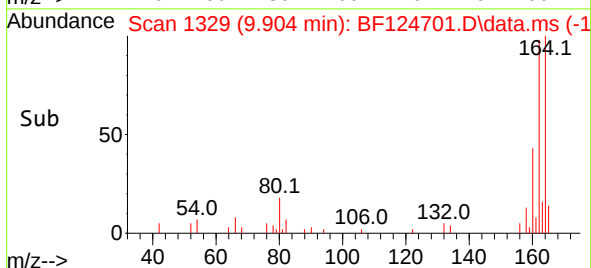
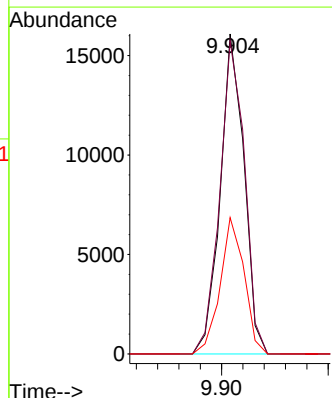
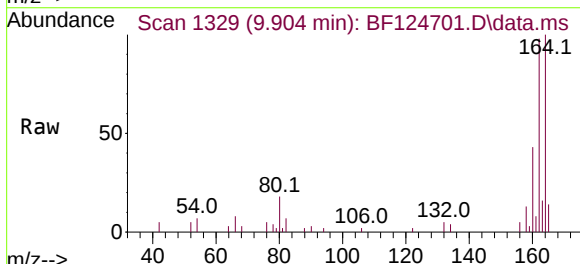
Instrument :
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ClientSampleId :
20210531-COM-4

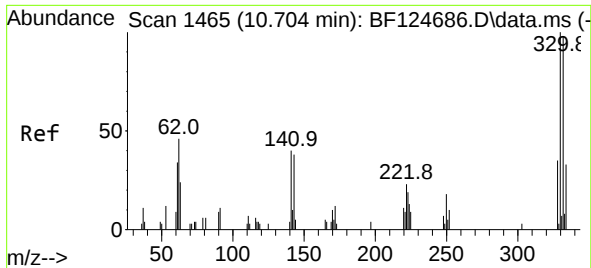
Tgt Ion: 82 Resp: 35751
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF124701.D
Acq: 22 Jul 2021 21:37

Tgt Ion: 164 Resp: 12424
Ion Ratio Lower Upper
164 100
162 97.9 81.3 121.9
160 42.6 38.0 57.0

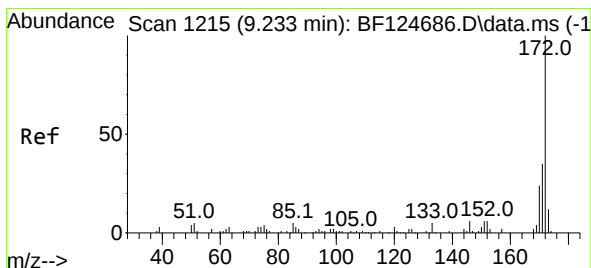
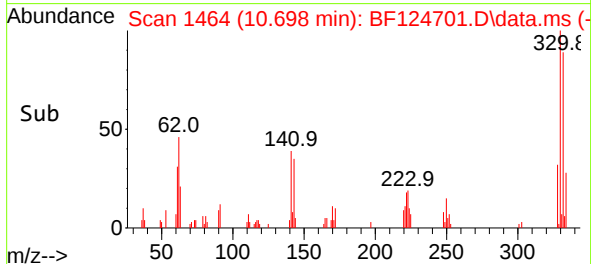
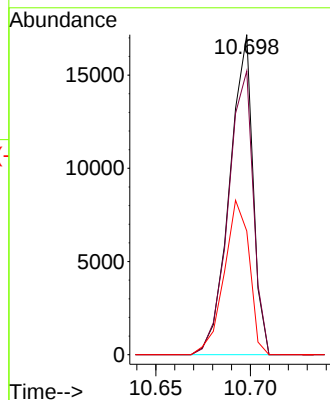
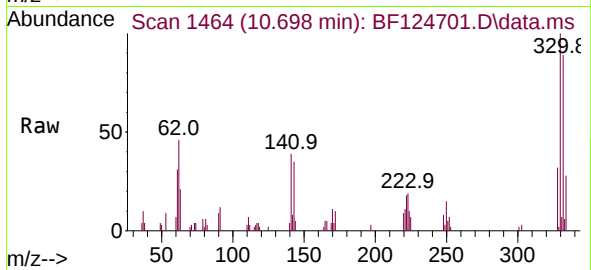




#42
2,4,6-Tribromophenol
Concen: 138.24 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124701.D
Acq: 22 Jul 2021 21:37

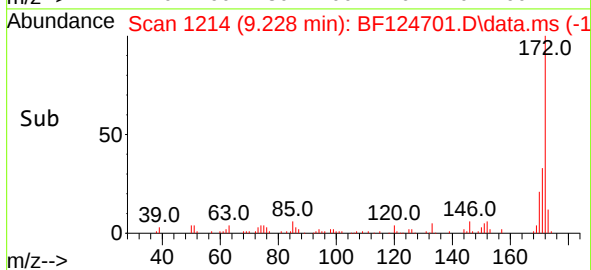
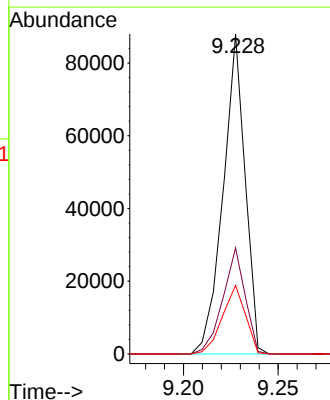
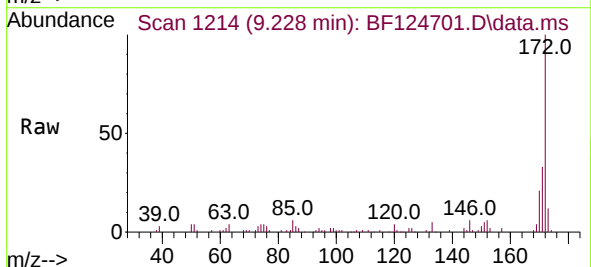
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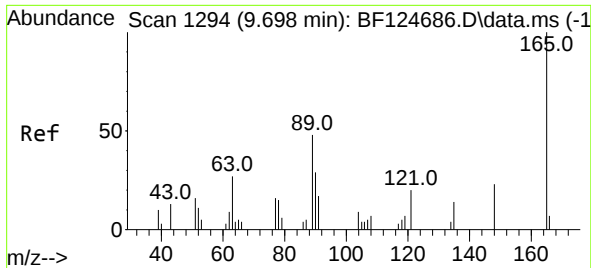
Tgt Ion: 330 Resp: 14746
Ion Ratio Lower Upper
330 100
332 94.8 76.2 114.4
141 52.0 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 83.87 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124701.D
Acq: 22 Jul 2021 21:37

Tgt Ion: 172 Resp: 70945
Ion Ratio Lower Upper
172 100
171 33.1 26.5 39.7
170 21.4 18.8 28.2

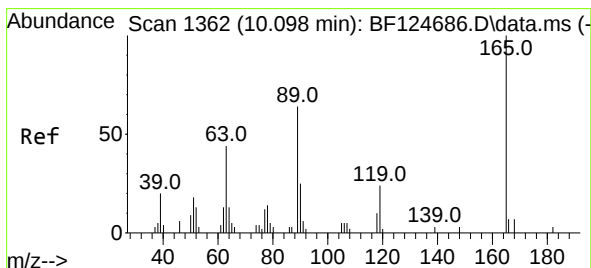
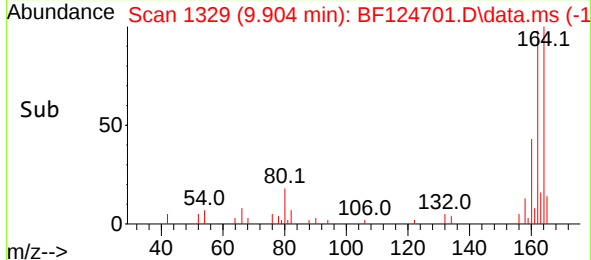
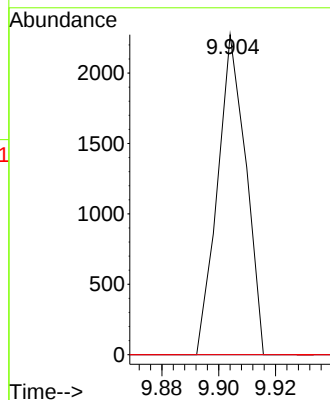
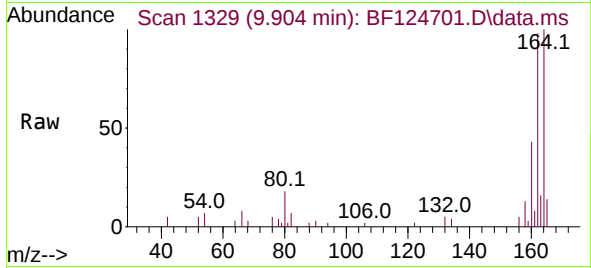




#51
2,6-Dinitrotoluene
Concen: 8.33 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF124701.D
Acq: 22 Jul 2021 21:37

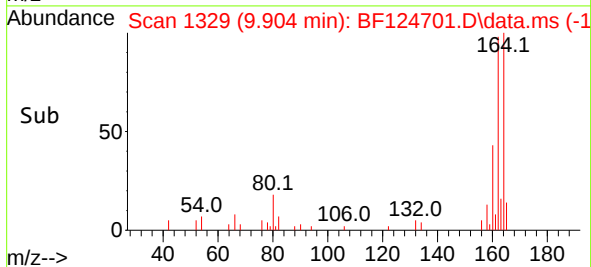
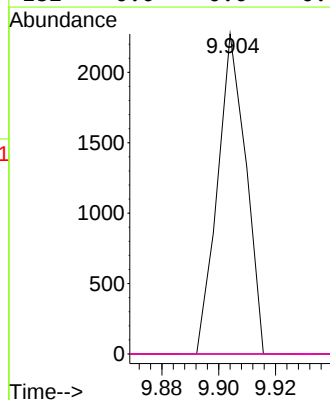
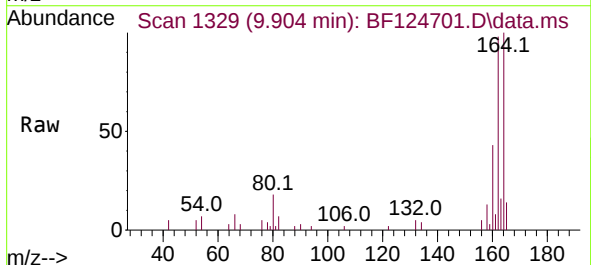
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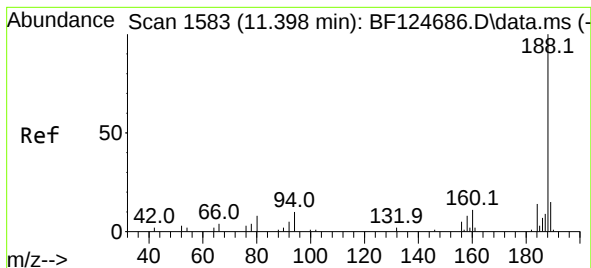
Tgt Ion:165 Resp: 1574
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.14 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF124701.D
Acq: 22 Jul 2021 21:37

Tgt Ion:165 Resp: 1574
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

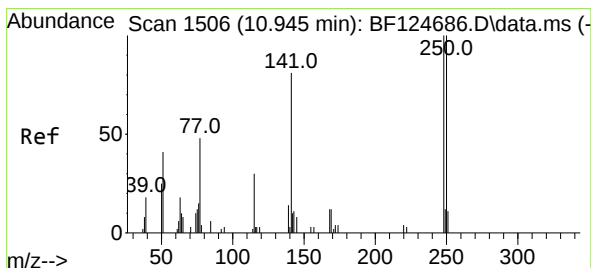
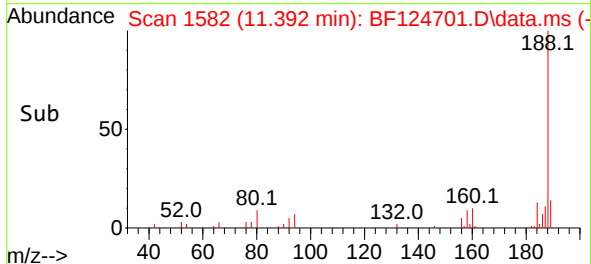
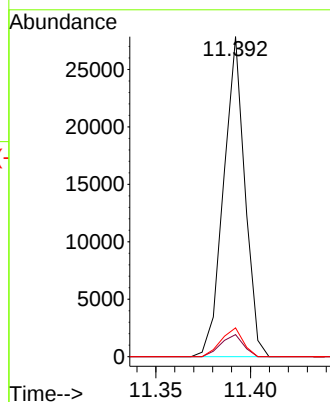
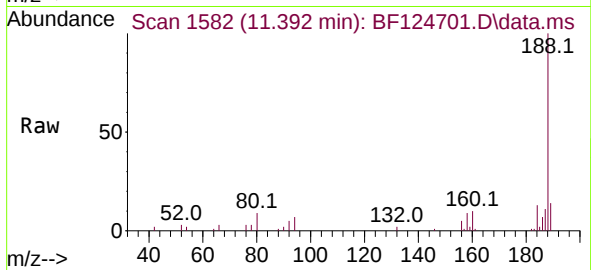




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124701.D
Acq: 22 Jul 2021 21:37

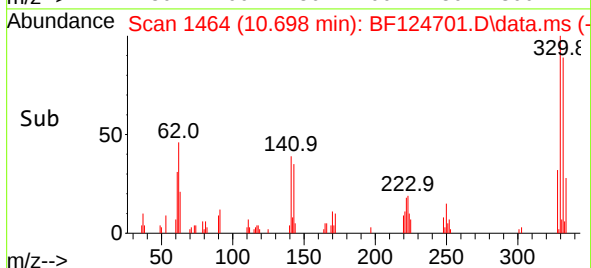
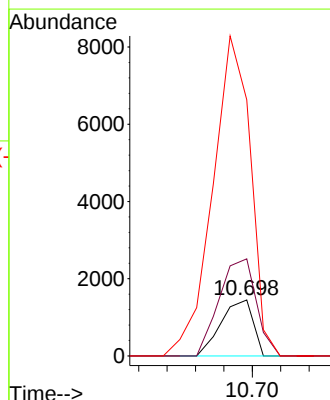
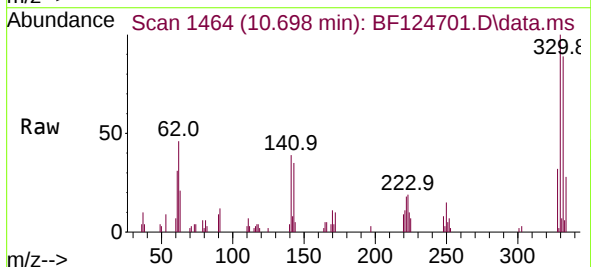
Instrument :
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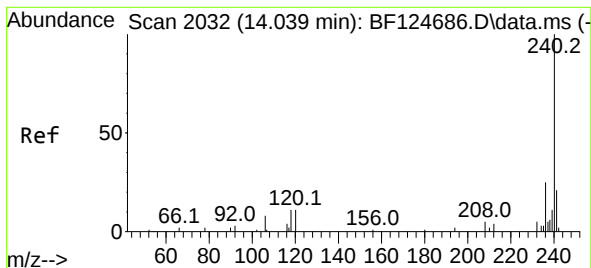
Tgt Ion:188 Resp: 21781
Ion Ratio Lower Upper
188 100
94 6.9 6.7 10.1
80 9.0 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.92 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124701.D
Acq: 22 Jul 2021 21:37

Tgt Ion:248 Resp: 1136
Ion Ratio Lower Upper
248 100
250 173.7 74.2 111.4#
141 458.1 60.4 90.6#

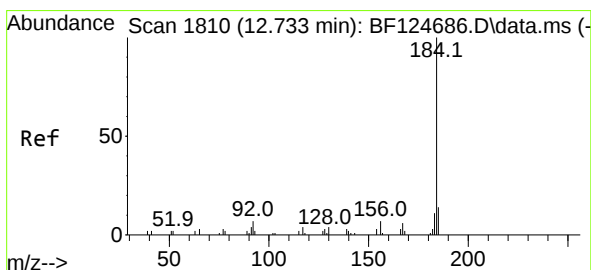
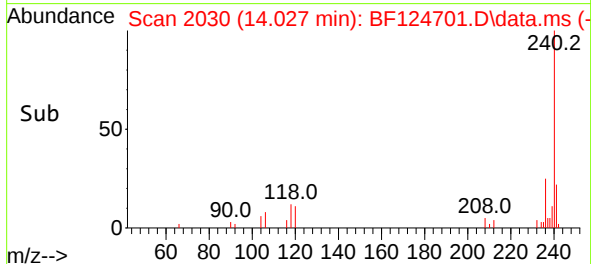
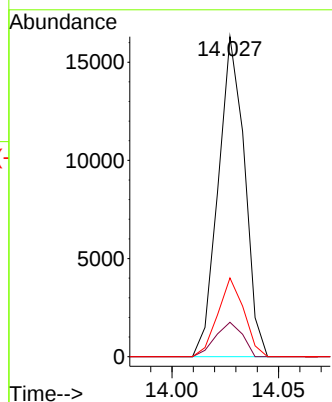
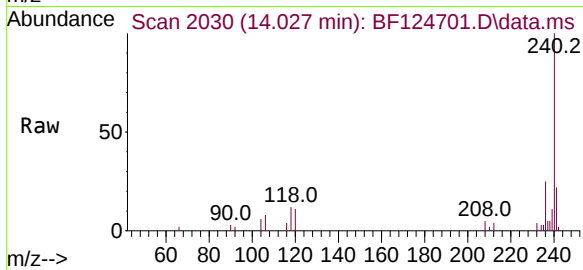




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF124701.D
Acq: 22 Jul 2021 21:37

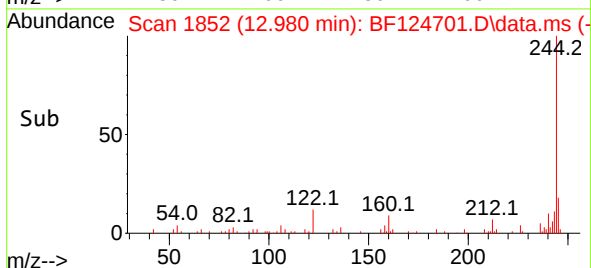
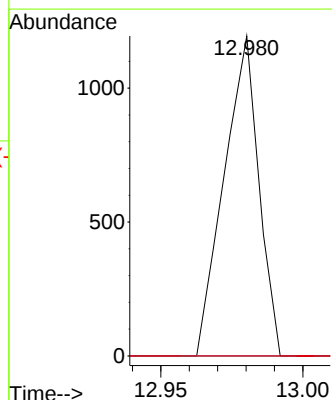
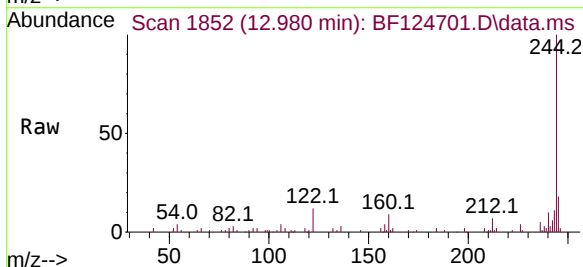
Instrument :
BNA_F
ClientSampleId :
20210531-COM-4

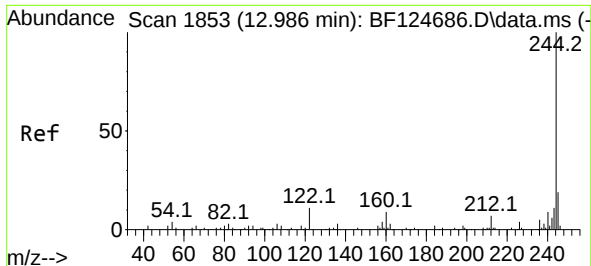
Tgt Ion:240 Resp: 13978
Ion Ratio Lower Upper
240 100
120 10.7 10.8 16.2#
236 24.6 21.6 32.4



#77
Benzidine
Concen: 2.58 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.247 min
Lab File: BF124701.D
Acq: 22 Jul 2021 21:37

Tgt Ion:184 Resp: 1016
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#

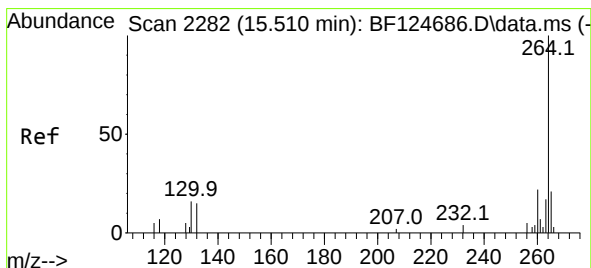
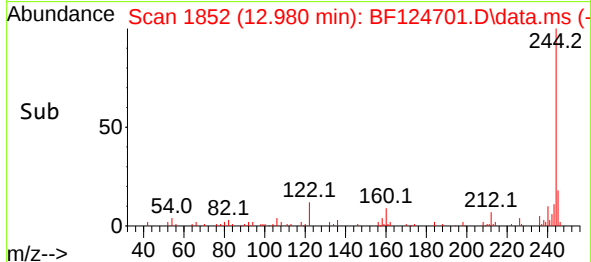
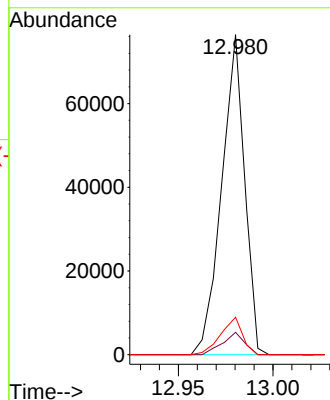
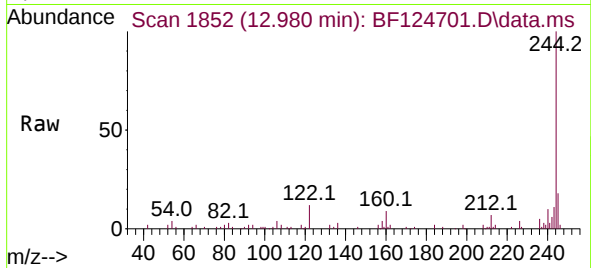




#79
Terphenyl-d14
Concen: 79.08 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124701.D
Acq: 22 Jul 2021 21:37

Instrument :
BNA_F
ClientSampleId :
20210531-COM-4

Tgt Ion:244 Resp: 64483
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 11.7 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: BF124701.D
Acq: 22 Jul 2021 21:37

Tgt Ion:264 Resp: 12624
Ion Ratio Lower Upper
264 100
260 24.4 19.6 29.4
265 20.8 17.2 25.8

