

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072121\
 Data File : BF124684.D
 Acq On : 22 Jul 2021 3:18
 Operator : JU/CG
 Sample : M3114-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210516-FIELD-BLANK-2

Quant Time: Jul 22 03:56:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 21 16:08:04 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

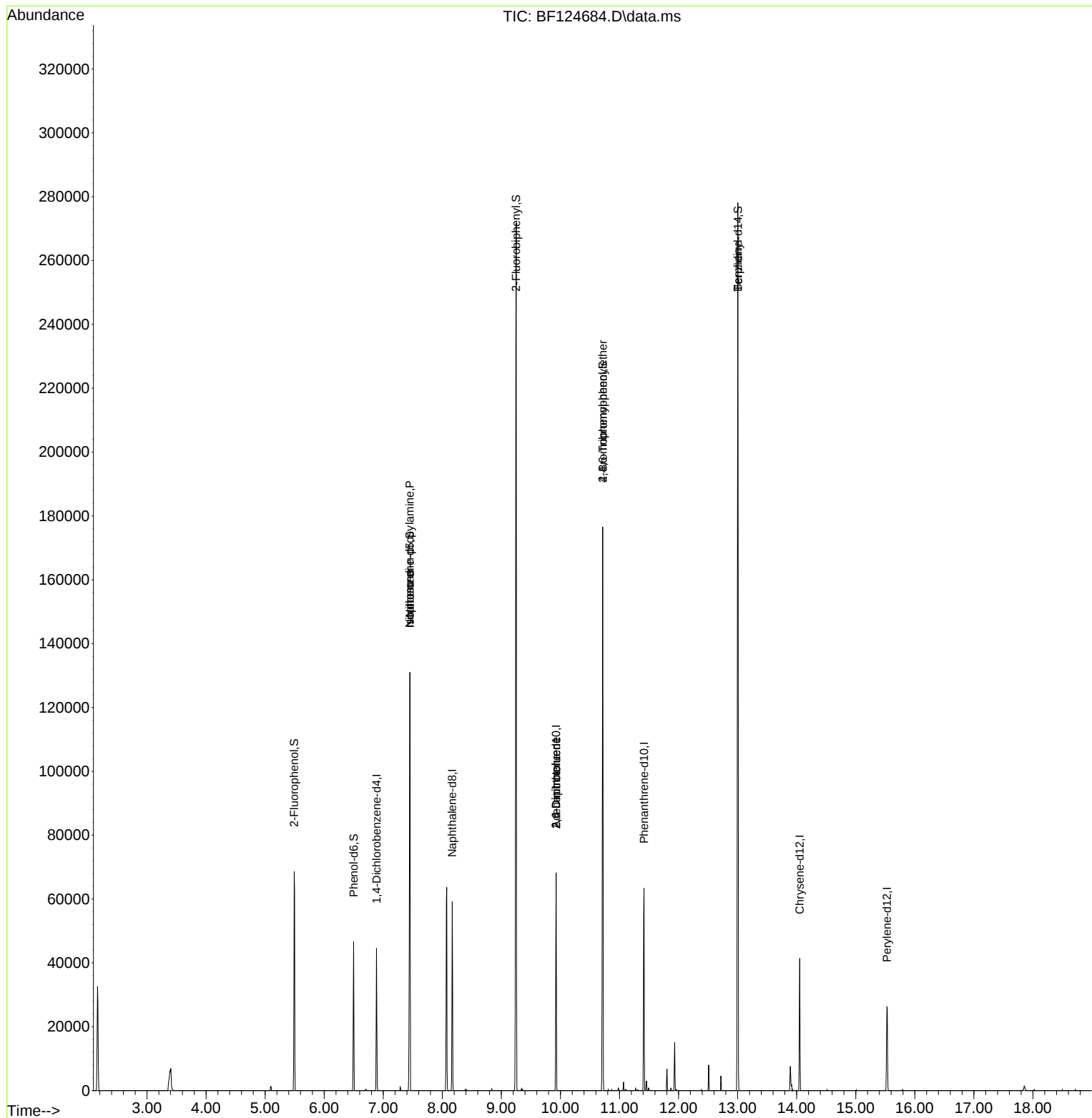
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	5957	20.00	ng	0.00
21) Naphthalene-d8	8.169	136	24146	20.00	ng	# 0.00
39) Acenaphthene-d10	9.928	164	13095	20.00	ng	0.00
64) Phenanthrene-d10	11.416	188	23524	20.00	ng	0.00
76) Chrysene-d12	14.051	240	14800	20.00	ng	-0.01
86) Perylene-d12	15.527	264	13557	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	18334	53.32	ng	-0.02
7) Phenol-d6	6.498	99	12567	30.05	ng	-0.02
23) Nitrobenzene-d5	7.451	82	36976	96.67	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	15615	153.23	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	84858	94.50	ng	0.00
79) Terphenyl-d14	13.004	244	95164	107.97	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	4960	21.09	ng	# 72
25) Isophorone	7.451	82	36975	52.66	ng	# 59
51) 2,6-Dinitrotoluene	9.928	165	1644	9.15	ng	# 26
57) 2,4-Dinitrotoluene	9.928	165	1644	6.69	ng	# 18
67) 4-Bromophenyl-phenylether	10.716	248	1340	5.51	ng	# 1
77) Benzidine	13.004	184	1525	2.76	ng	# 82

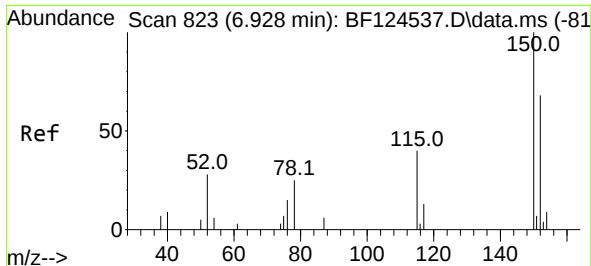
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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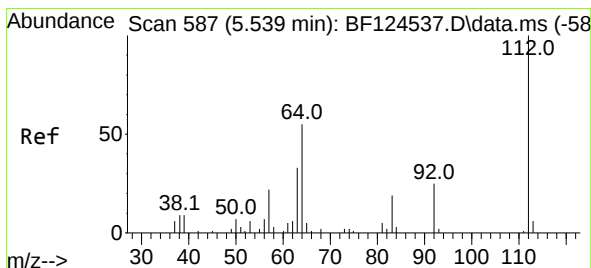
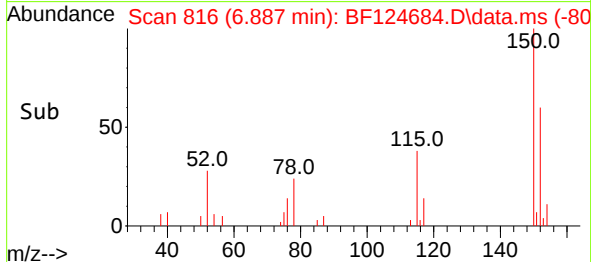
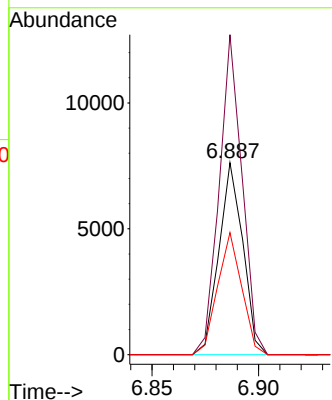
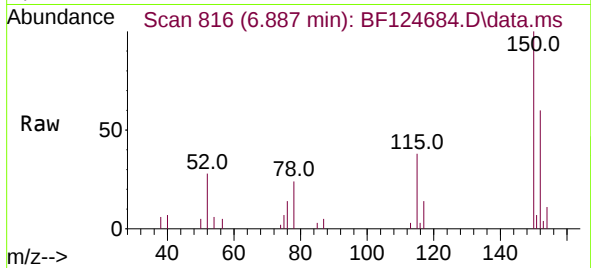




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF124684.D
Acq: 22 Jul 2021 3:18

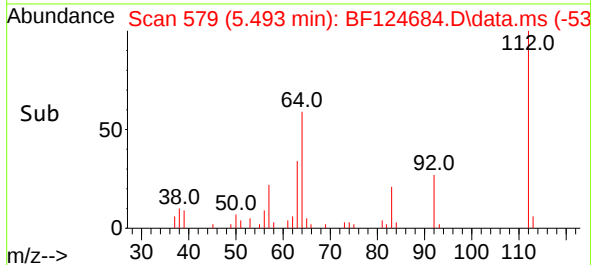
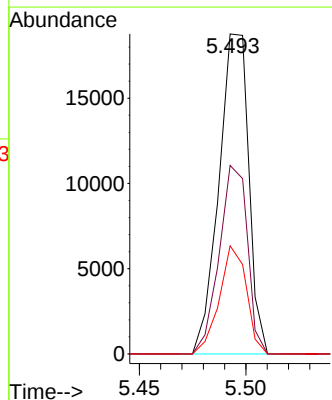
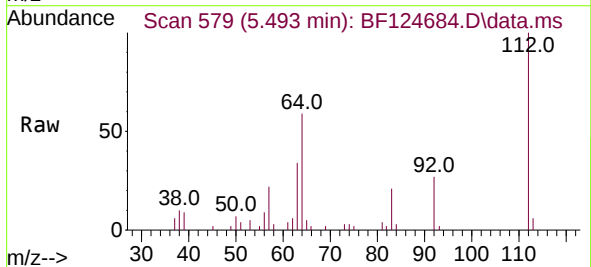
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ClientSampleId :
20210516-FIELD-BLANK-2

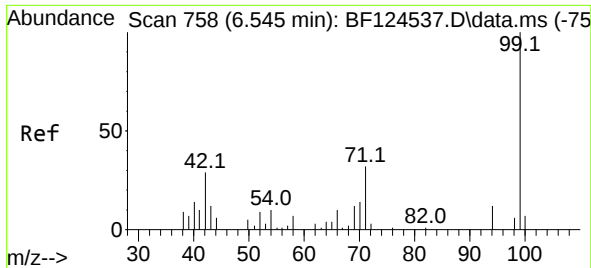
Tgt Ion:152 Resp: 5957
Ion Ratio Lower Upper
152 100
150 166.6 117.6 176.4
115 63.5 47.1 70.7



#5
2-Fluorophenol
Concen: 53.32 ng
RT: 5.493 min Scan# 579
Delta R.T. -0.017 min
Lab File: BF124684.D
Acq: 22 Jul 2021 3:18

Tgt Ion:112 Resp: 18334
Ion Ratio Lower Upper
112 100
64 58.9 44.2 66.2
63 33.8 26.2 39.2

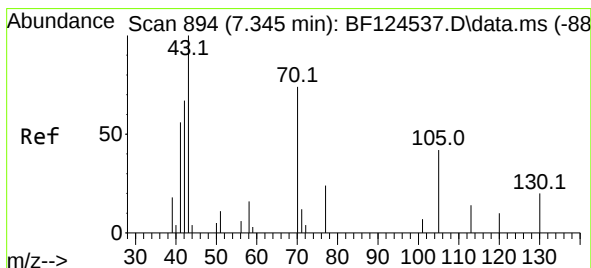
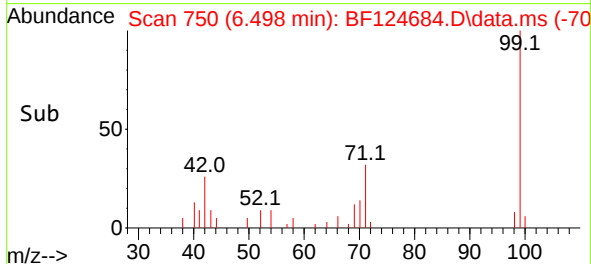
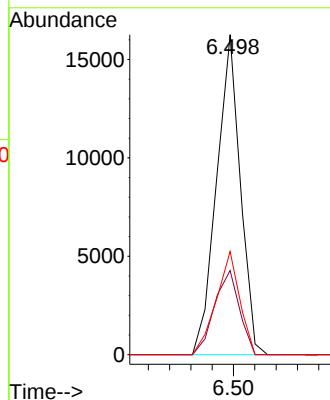
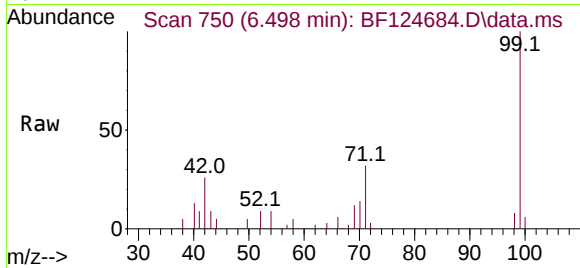




#7
Phenol-d6
Concen: 30.05 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.023 min
Lab File: BF124684.D
Acq: 22 Jul 2021 3:18

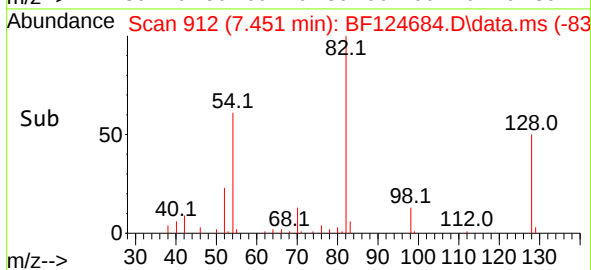
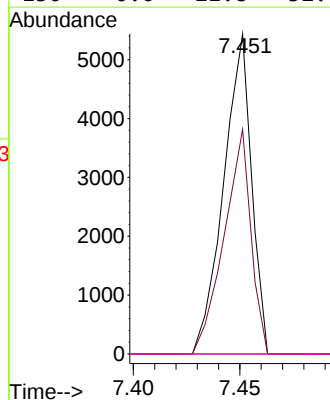
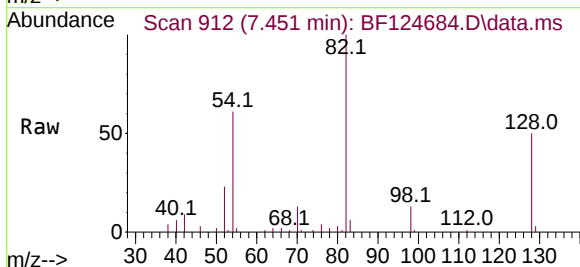
Instrument :
BNA_F
ClientSampleId :
20210516-FIELD-BLANK-2

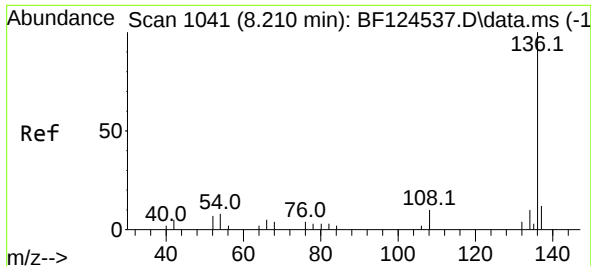
Tgt Ion:	99	Resp:	12567
Ion	Ratio	Lower	Upper
99	100		
42	26.3	23.5	35.3
71	32.3	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 21.09 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF124684.D
Acq: 22 Jul 2021 3:18

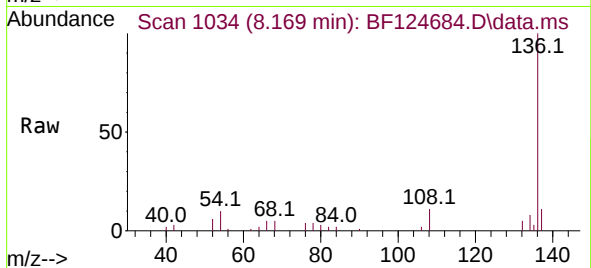
Tgt Ion:	70	Resp:	4960
Ion	Ratio	Lower	Upper
70	100		
42	70.2	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#



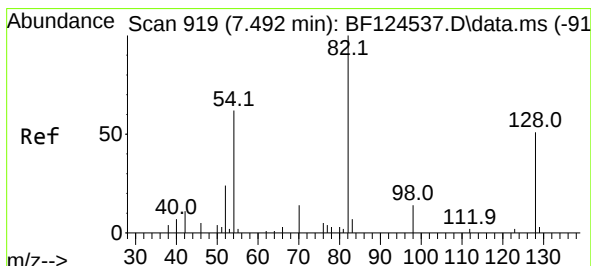
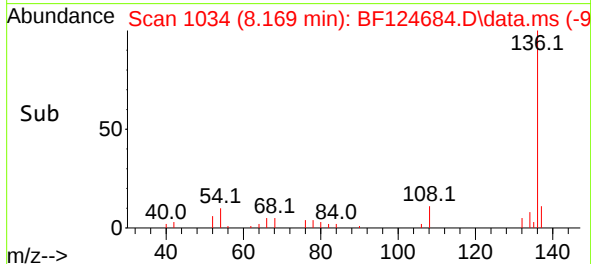
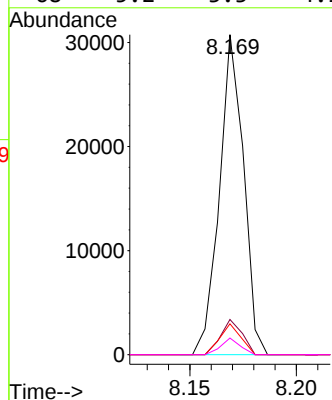


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF124684.D
Acq: 22 Jul 2021 3:18

Instrument :
BNA_F
ClientSampleId :
20210516-FIELD-BLANK-2

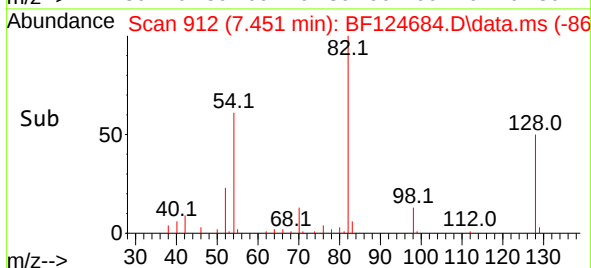
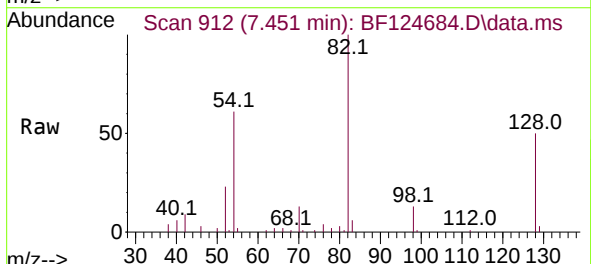
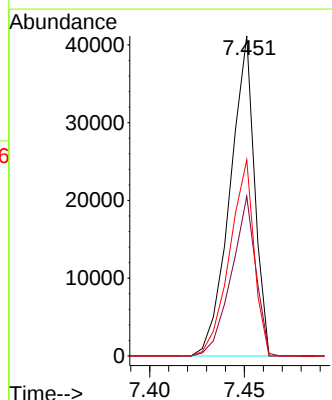


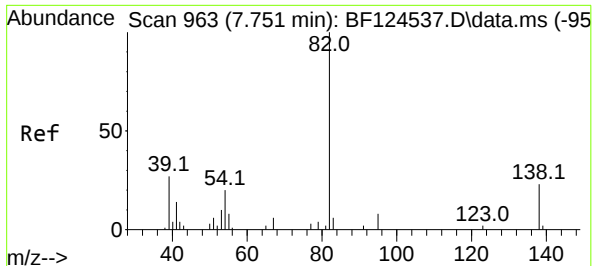
Tgt Ion:136 Resp: 24146
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 9.7 6.4 9.6#
68 5.2 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 96.67 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF124684.D
Acq: 22 Jul 2021 3:18

Tgt Ion: 82 Resp: 36976
Ion Ratio Lower Upper
82 100
128 49.9 40.6 60.8
54 61.3 49.6 74.4

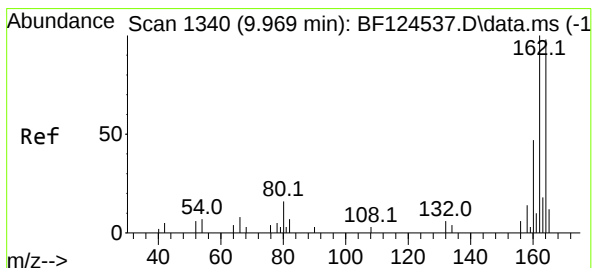
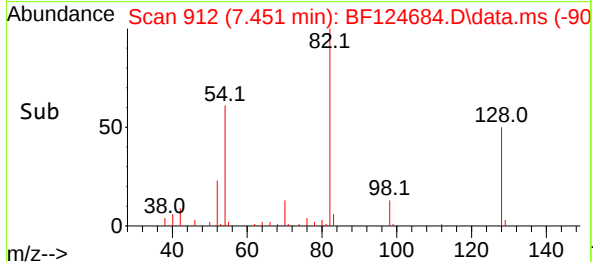
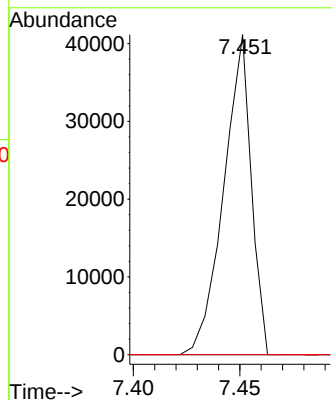
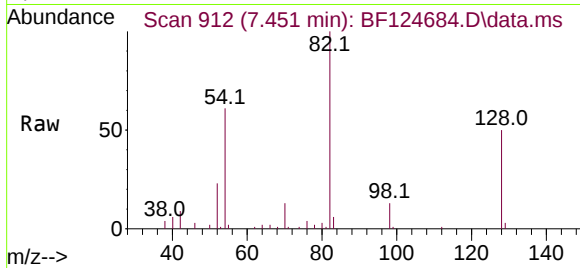




#25
Isophorone
Concen: 52.66 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF124684.D
Acq: 22 Jul 2021 3:18

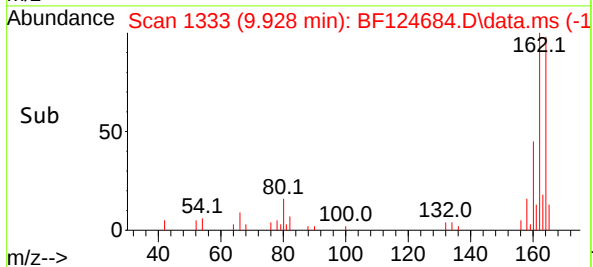
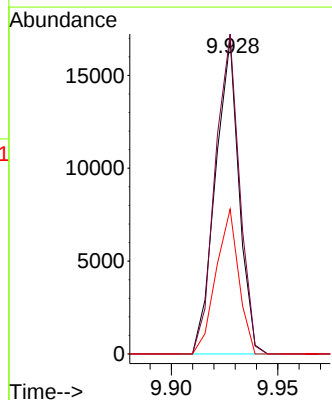
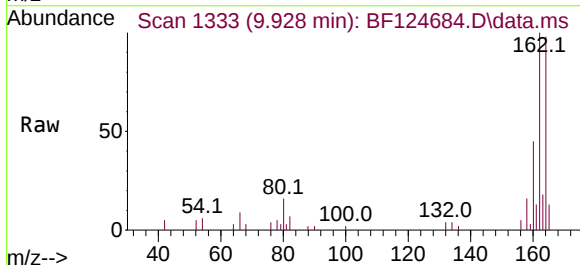
Instrument :
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ClientSampleId :
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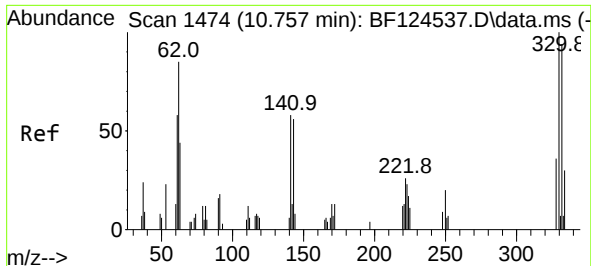
Tgt Ion: 82 Resp: 36975
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF124684.D
Acq: 22 Jul 2021 3:18

Tgt Ion: 164 Resp: 13095
Ion Ratio Lower Upper
164 100
162 101.7 81.3 121.9
160 46.0 38.0 57.0

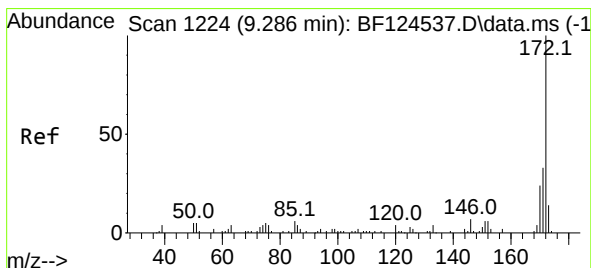
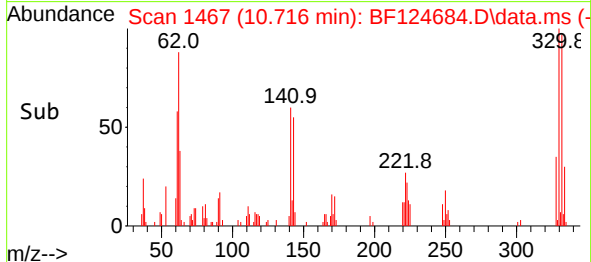
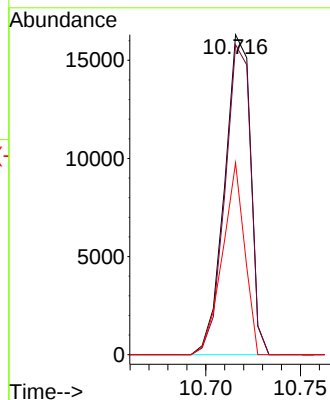
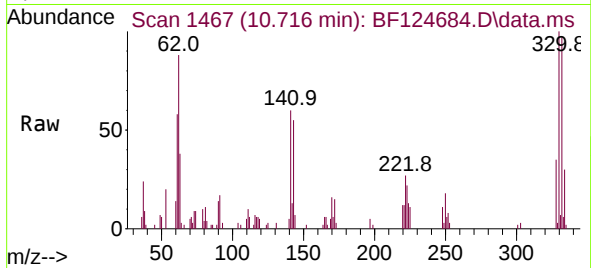




#42
2,4,6-Tribromophenol
Concen: 153.23 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.006 min
Lab File: BF124684.D
Acq: 22 Jul 2021 3:18

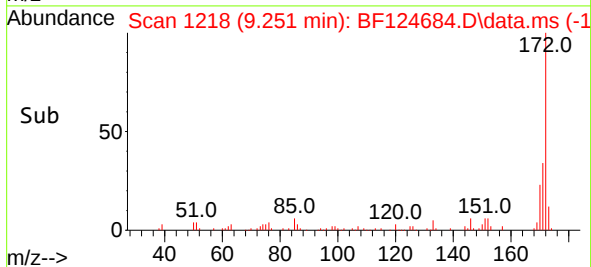
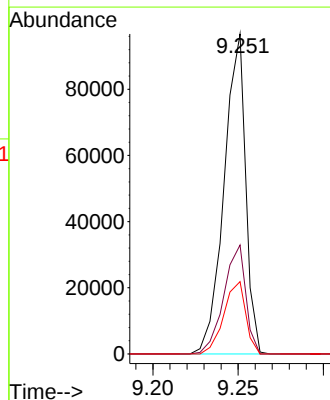
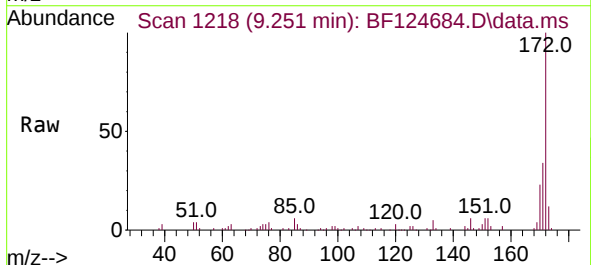
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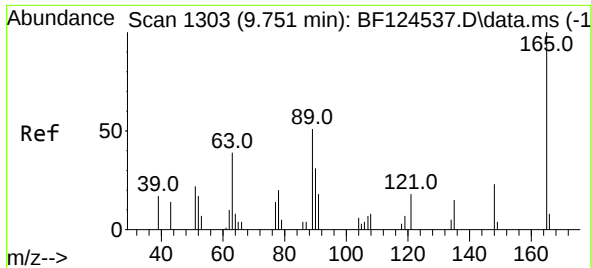
Tgt Ion:330 Resp: 15615
Ion Ratio Lower Upper
330 100
332 95.7 76.2 114.4
141 51.1 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 94.50 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF124684.D
Acq: 22 Jul 2021 3:18

Tgt Ion:172 Resp: 84858
Ion Ratio Lower Upper
172 100
171 34.1 26.5 39.7
170 22.6 18.8 28.2

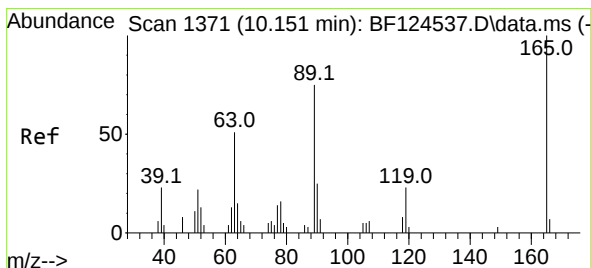
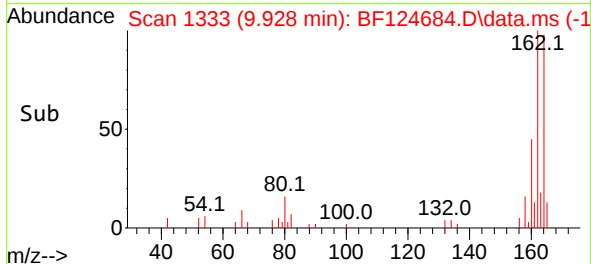
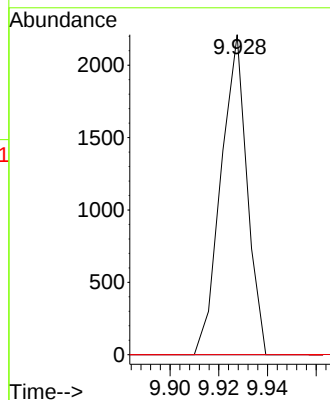
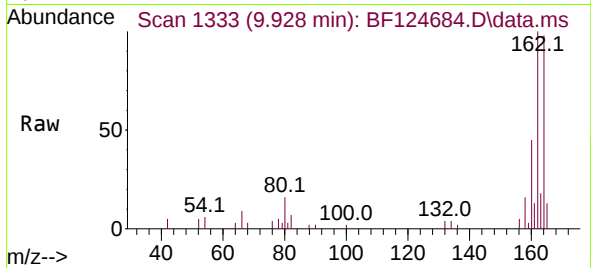




#51
2,6-Dinitrotoluene
Concen: 9.15 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.212 min
Lab File: BF124684.D
Acq: 22 Jul 2021 3:18

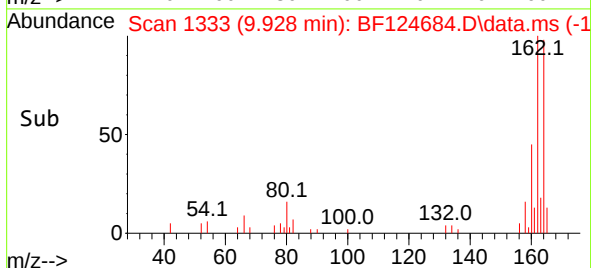
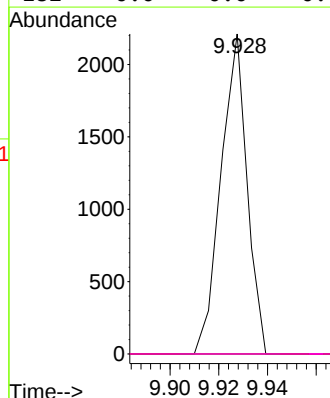
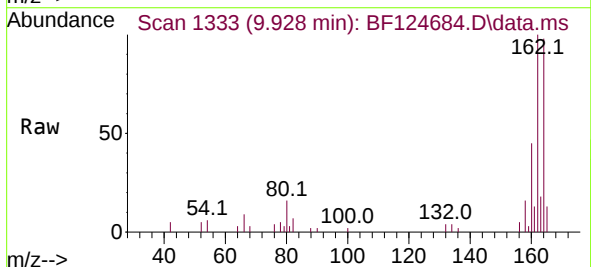
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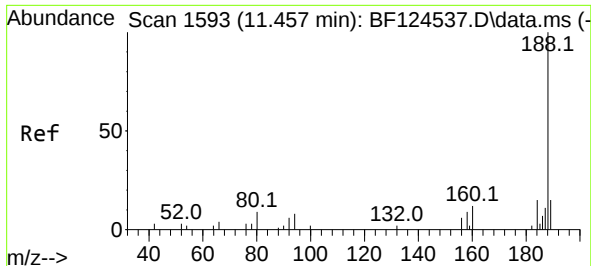
Tgt Ion:165 Resp: 1644
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.69 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF124684.D
Acq: 22 Jul 2021 3:18

Tgt Ion:165 Resp: 1644
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

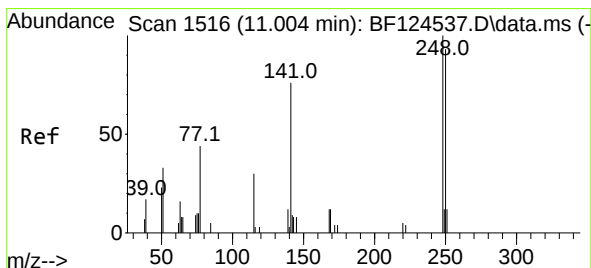
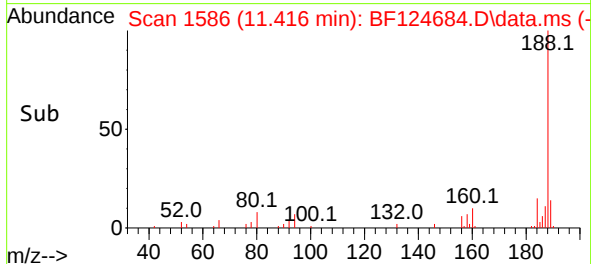
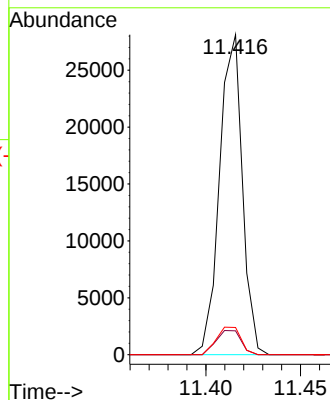
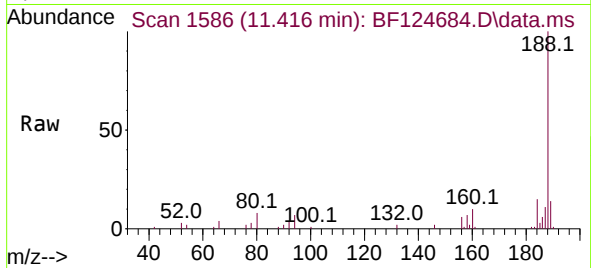




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF124684.D
Acq: 22 Jul 2021 3:18

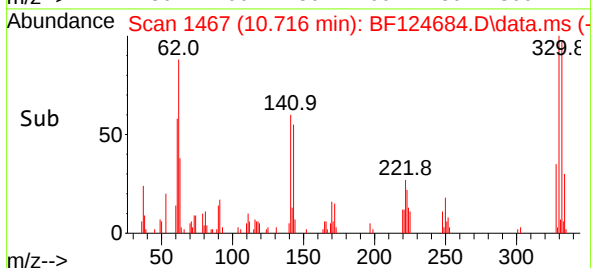
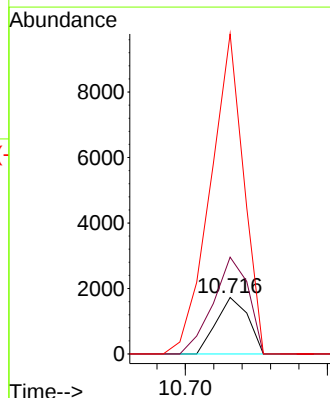
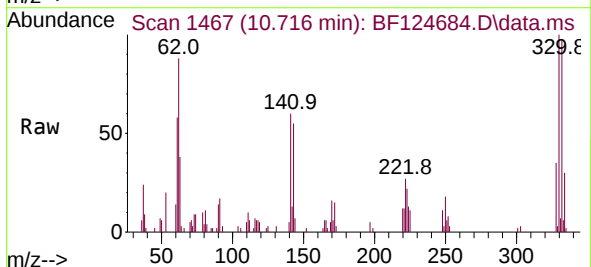
Instrument :
BNA_F
ClientSampleId :
20210516-FIELD-BLANK-2

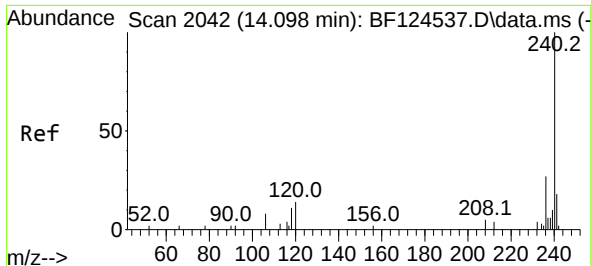
Tgt Ion:188 Resp: 23524
Ion Ratio Lower Upper
188 100
94 7.5 6.7 10.1
80 8.5 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 5.51 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.247 min
Lab File: BF124684.D
Acq: 22 Jul 2021 3:18

Tgt Ion:248 Resp: 1340
Ion Ratio Lower Upper
248 100
250 171.5 74.2 111.4#
141 567.3 60.4 90.6#

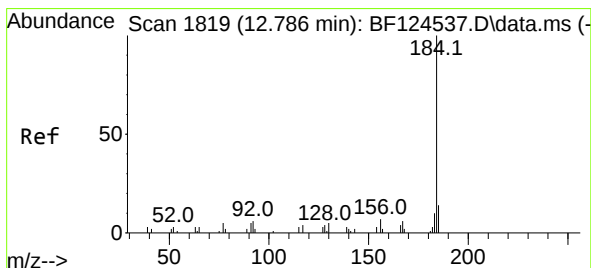
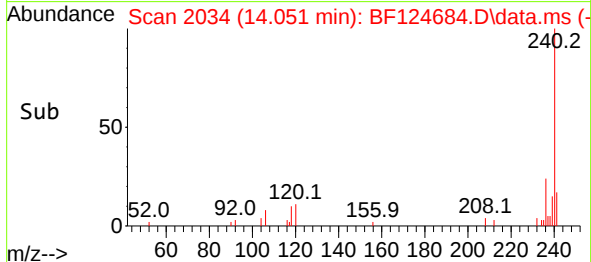
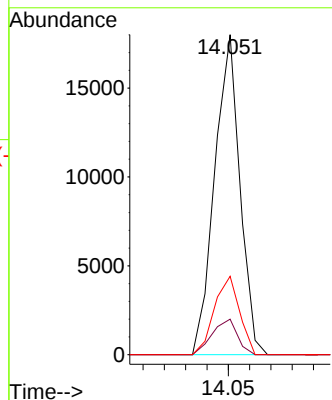
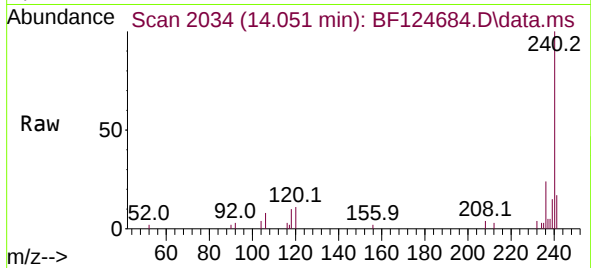




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF124684.D
Acq: 22 Jul 2021 3:18

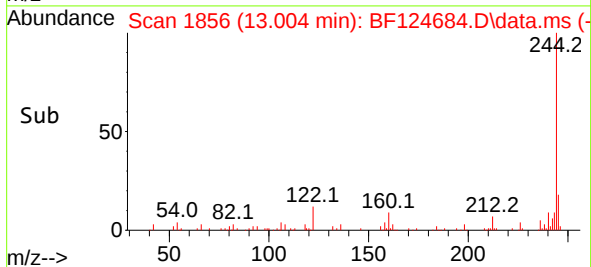
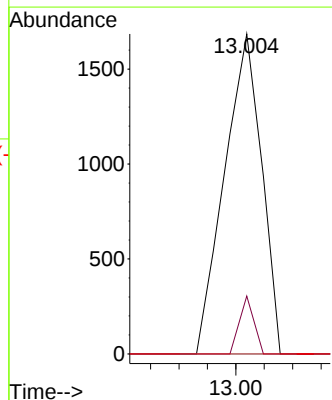
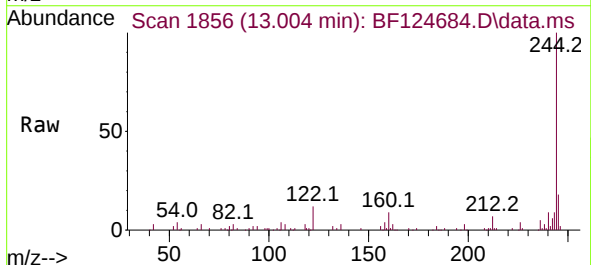
Instrument :
BNA_F
ClientSampleId :
20210516-FIELD-BLANK-2

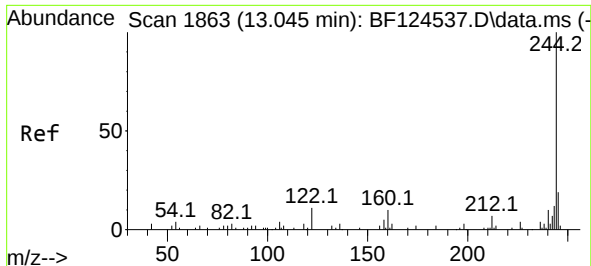
Tgt Ion:240 Resp: 14800
Ion Ratio Lower Upper
240 100
120 11.1 10.8 16.2
236 24.5 21.6 32.4



#77
Benzidine
Concen: 2.76 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.253 min
Lab File: BF124684.D
Acq: 22 Jul 2021 3:18

Tgt Ion:184 Resp: 1525
Ion Ratio Lower Upper
184 100
185 18.1 10.8 16.2#
183 0.0 8.1 12.1#

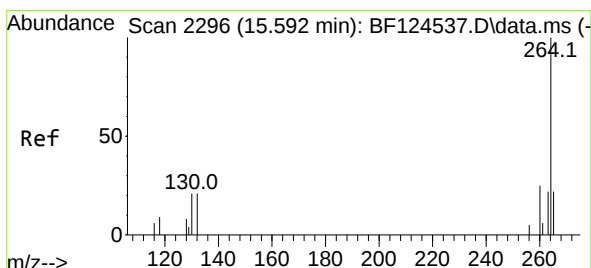
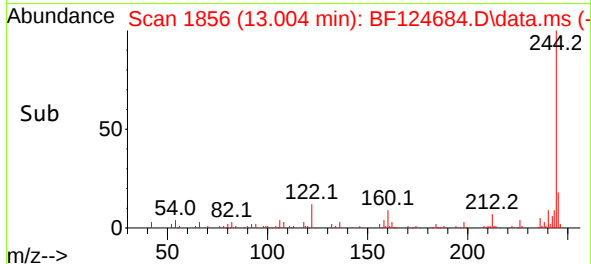
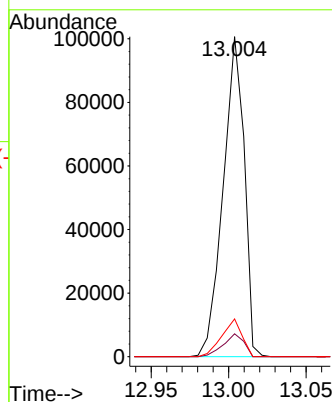
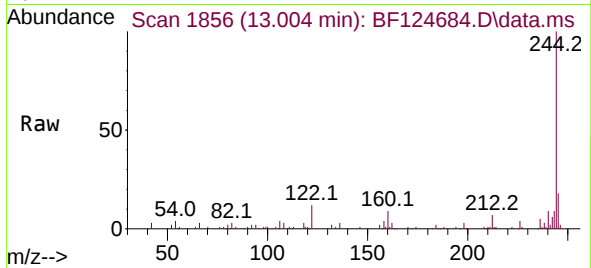




#79
Terphenyl-d14
Concen: 107.97 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF124684.D
Acq: 22 Jul 2021 3:18

Instrument :
BNA_F
ClientSampleId :
20210516-FIELD-BLANK-2

Tgt Ion:244	Resp:	95164
Ion Ratio	Lower	Upper
244	100	
212	7.2	5.9 8.9
122	11.8	9.0 13.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.527 min Scan# 2285
Delta R.T. -0.012 min
Lab File: BF124684.D
Acq: 22 Jul 2021 3:18

Tgt Ion:264	Resp:	13557
Ion Ratio	Lower	Upper
264	100	
260	23.7	19.6 29.4
265	20.7	17.2 25.8

