

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072121\
 Data File : BF124683.D
 Acq On : 22 Jul 2021 2:46
 Operator : JU/CG
 Sample : M3076-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210515-FIELD-BLANK-1

Quant Time: Jul 22 03:18:31 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)

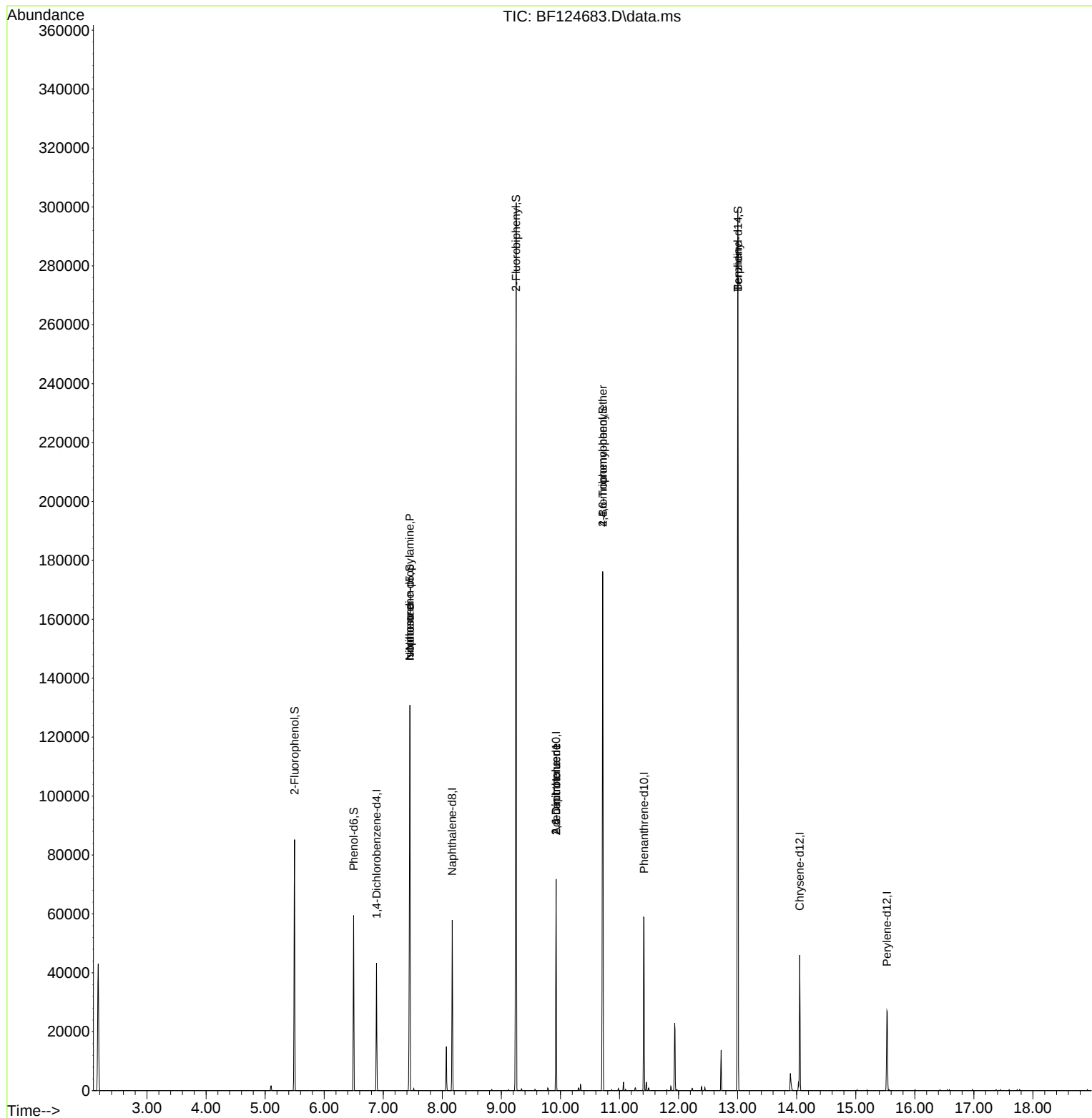
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	5981	20.00	ng	0.00
21) Naphthalene-d8	8.169	136	23113	20.00	ng	# 0.00
39) Acenaphthene-d10	9.928	164	13136	20.00	ng	0.00
64) Phenanthrene-d10	11.416	188	23007	20.00	ng	# 0.00
76) Chrysene-d12	14.051	240	16128	20.00	ng	-0.01
86) Perylene-d12	15.527	264	14342	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	22290	64.57	ng	-0.01
7) Phenol-d6	6.498	99	15419	36.72	ng	-0.02
23) Nitrobenzene-d5	7.451	82	38747	105.83	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	17333	169.56	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	91684	101.78	ng	0.00
79) Terphenyl-d14	13.004	244	104994	109.32	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	5176	21.92	ng	# 73
25) Isophorone	7.451	82	38745	57.64	ng	# 59
51) 2,6-Dinitrotoluene	9.928	165	1632	9.06	ng	# 26
57) 2,4-Dinitrotoluene	9.928	165	1632	6.62	ng	# 18
67) 4-Bromophenyl-phenylether	10.716	248	1250	5.25	ng	# 1
77) Benzidine	13.004	184	1701	2.82	ng	# 69

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

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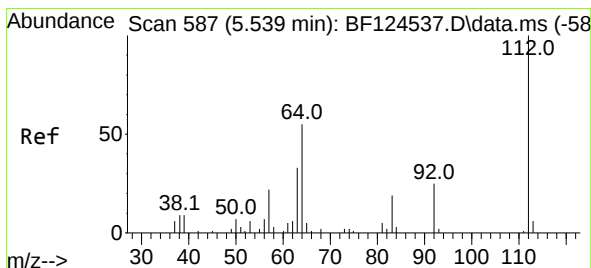
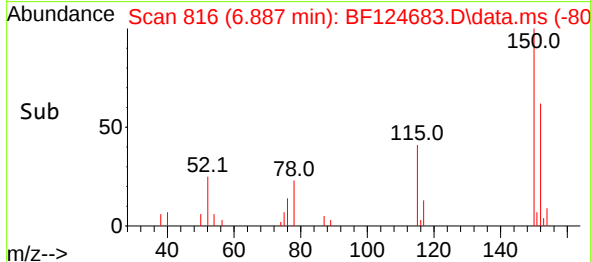
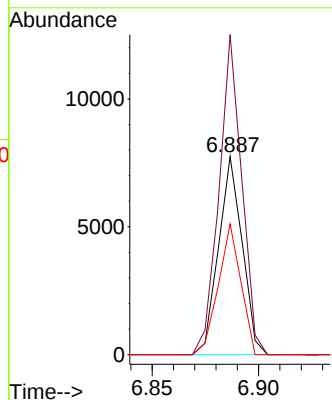
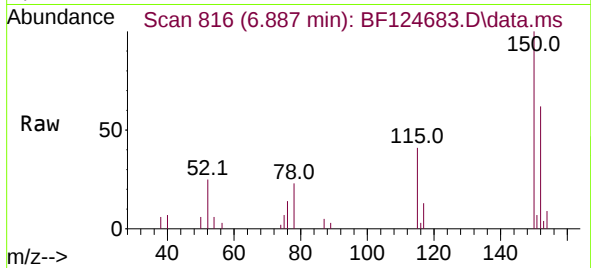




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF124683.D
Acq: 22 Jul 2021 2:46

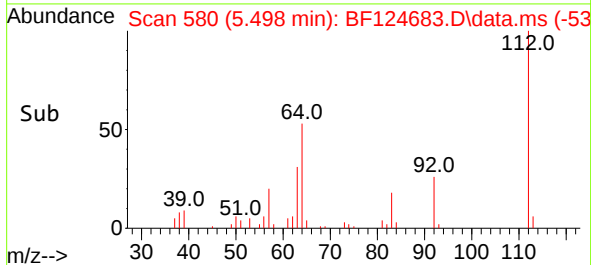
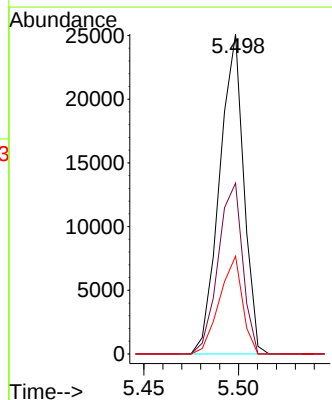
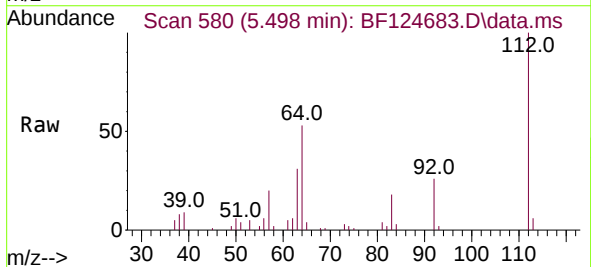
Instrument :
BNA_F
ClientSampleId :
20210515-FIELD-BLANK-1

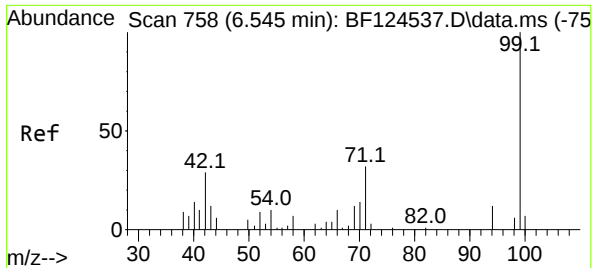
Tgt Ion:152 Resp: 5981
Ion Ratio Lower Upper
152 100
150 161.5 117.6 176.4
115 66.0 47.1 70.7



#5
2-Fluorophenol
Concen: 64.57 ng
RT: 5.498 min Scan# 580
Delta R.T. -0.012 min
Lab File: BF124683.D
Acq: 22 Jul 2021 2:46

Tgt Ion:112 Resp: 22290
Ion Ratio Lower Upper
112 100
64 53.4 44.2 66.2
63 30.6 26.2 39.2

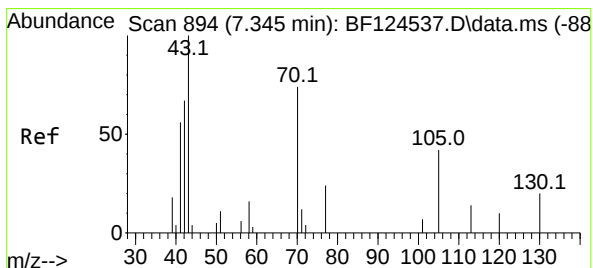
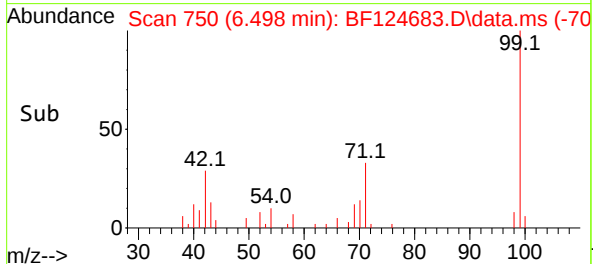
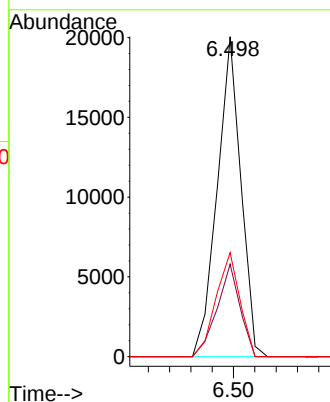
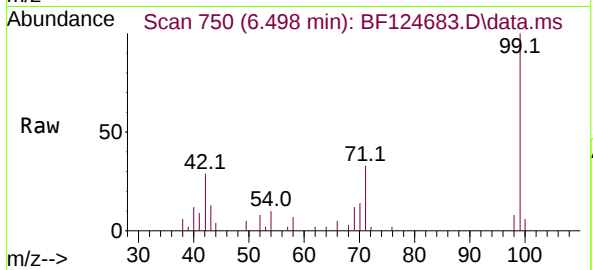




#7
Phenol-d6
Concen: 36.72 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.023 min
Lab File: BF124683.D
Acq: 22 Jul 2021 2:46

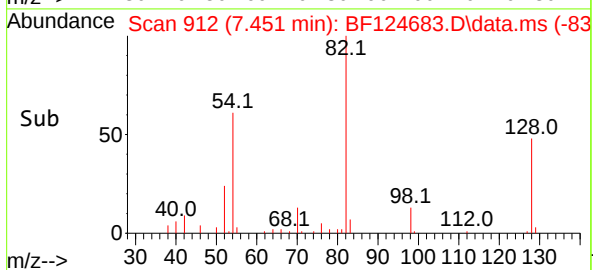
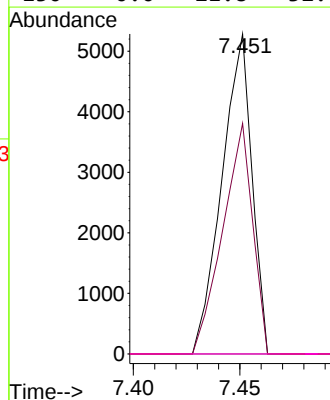
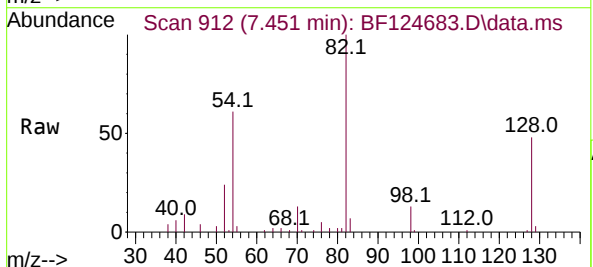
Instrument :
BNA_F
ClientSampleId :
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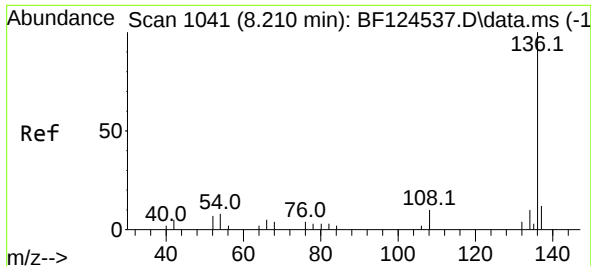
Tgt Ion:	99	Resp:	15419
Ion	Ratio	Lower	Upper
99	100		
42	28.9	23.5	35.3
71	32.6	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 21.92 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF124683.D
Acq: 22 Jul 2021 2:46

Tgt Ion:	70	Resp:	5176
Ion	Ratio	Lower	Upper
70	100		
42	72.1	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

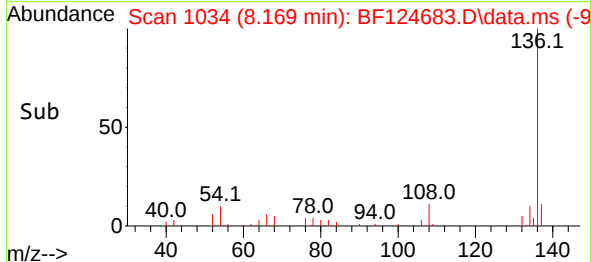
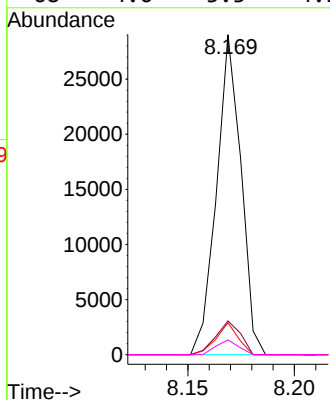
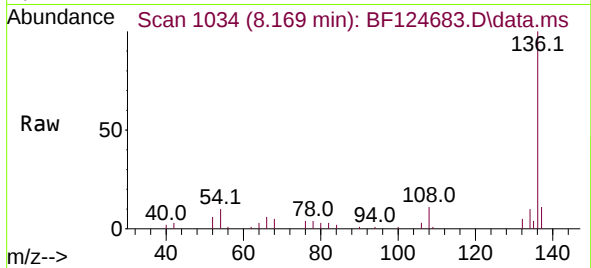




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF124683.D
Acq: 22 Jul 2021 2:46

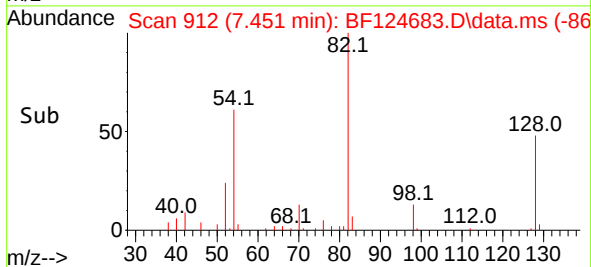
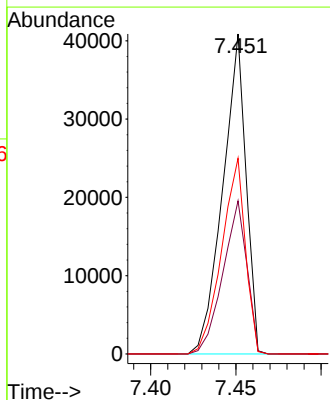
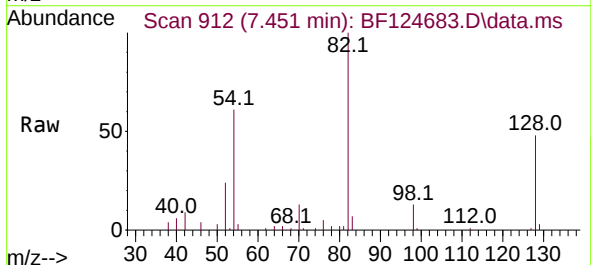
Instrument :
BNA_F
ClientSampleId :
20210515-FIELD-BLANK-1

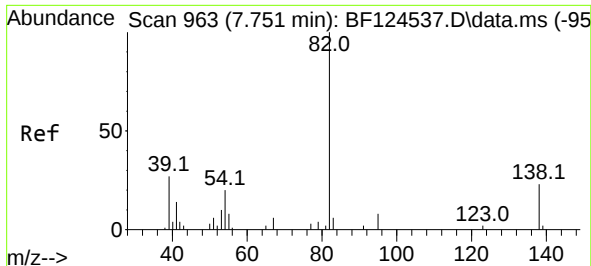
Tgt Ion:136	Resp:	23113
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.8 14.6
54	10.0	6.4 9.6#
68	4.6	3.3 4.9



#23
Nitrobenzene-d5
Concen: 105.83 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF124683.D
Acq: 22 Jul 2021 2:46

Tgt Ion: 82	Resp:	38747
Ion Ratio	Lower	Upper
82	100	
128	47.9	40.6 60.8
54	61.2	49.6 74.4

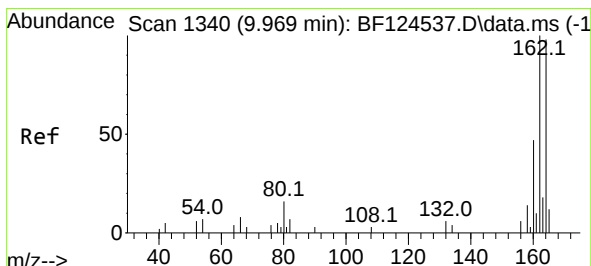
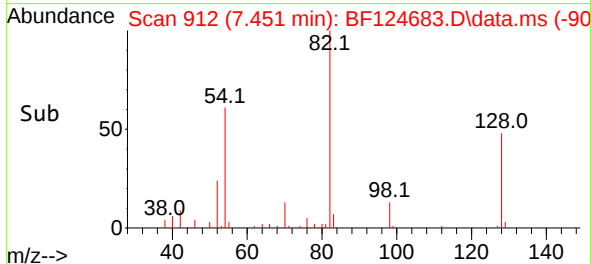
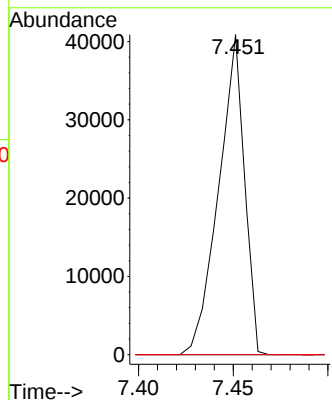
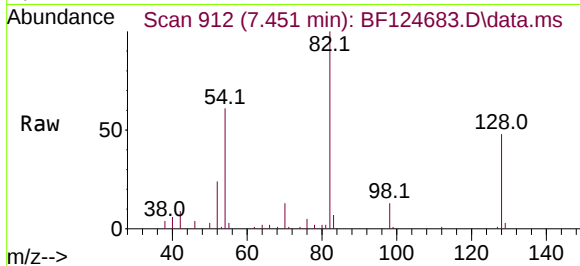




#25
Isophorone
Concen: 57.64 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF124683.D
Acq: 22 Jul 2021 2:46

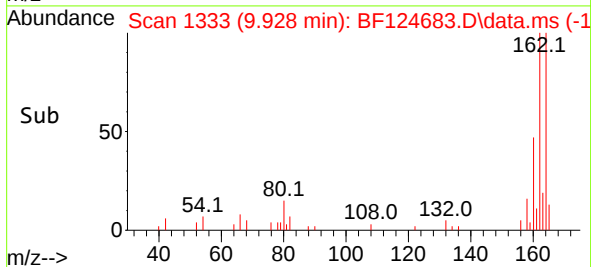
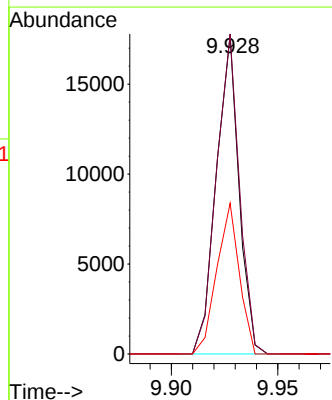
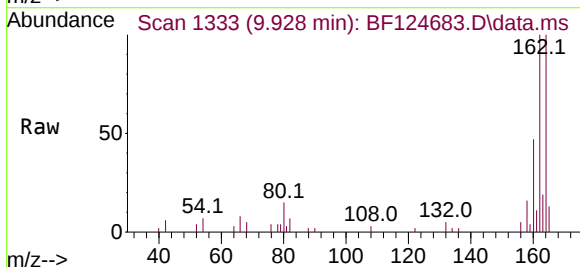
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ClientSampleId :
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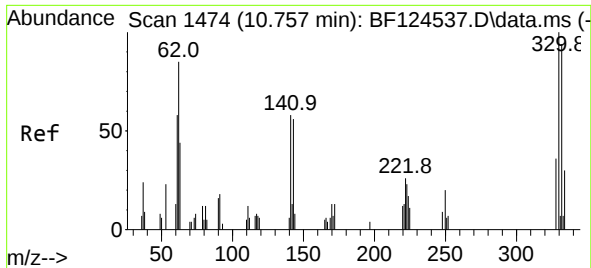
Tgt Ion: 82 Resp: 38745
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF124683.D
Acq: 22 Jul 2021 2:46

Tgt Ion:164 Resp: 13136
Ion Ratio Lower Upper
164 100
162 100.5 81.3 121.9
160 47.3 38.0 57.0

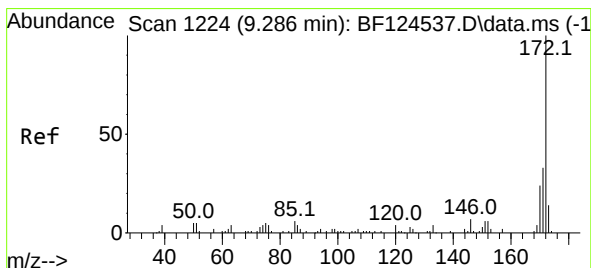
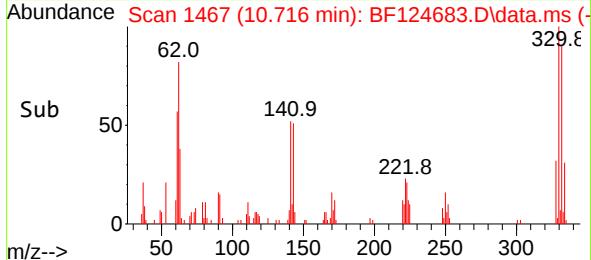
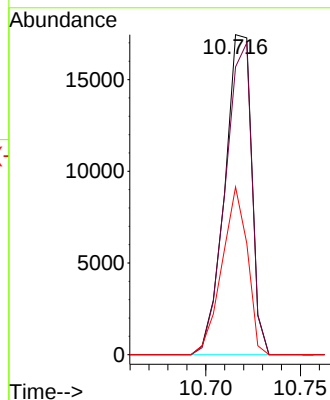
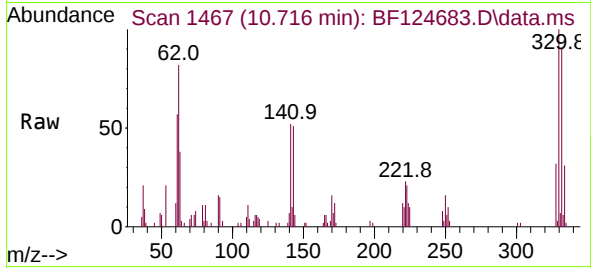




#42
2,4,6-Tribromophenol
Concen: 169.56 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.006 min
Lab File: BF124683.D
Acq: 22 Jul 2021 2:46

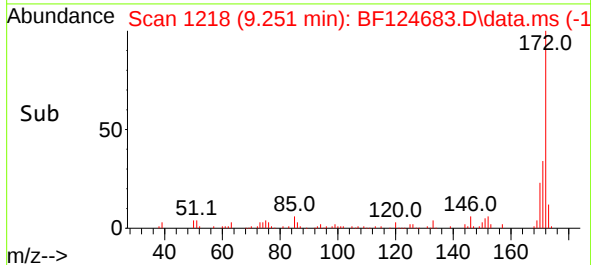
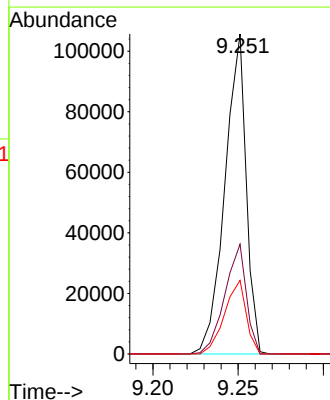
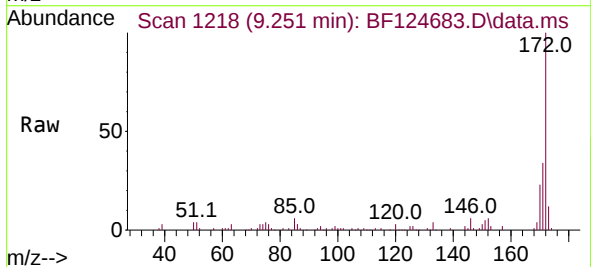
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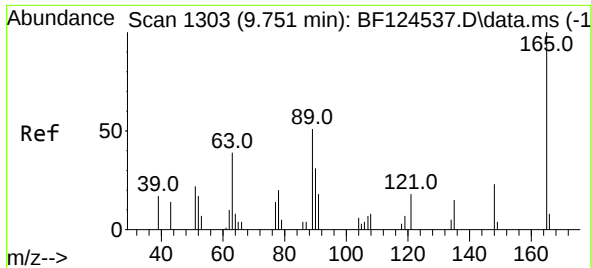
Tgt Ion: 330 Resp: 17333
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 49.2 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 101.78 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF124683.D
Acq: 22 Jul 2021 2:46

Tgt Ion: 172 Resp: 91684
Ion Ratio Lower Upper
172 100
171 34.3 26.5 39.7
170 23.0 18.8 28.2

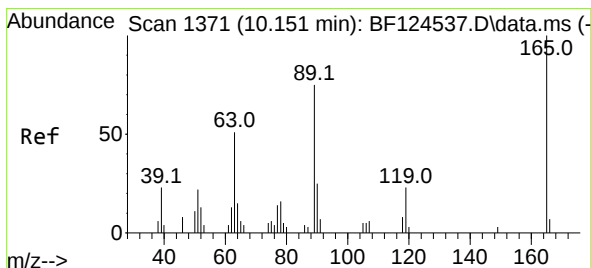
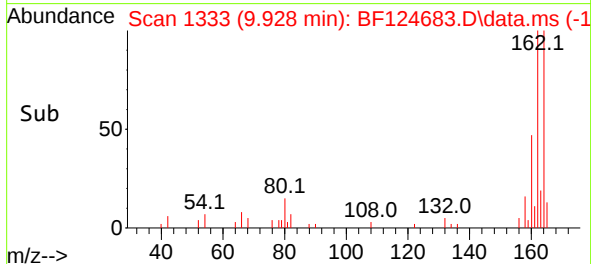
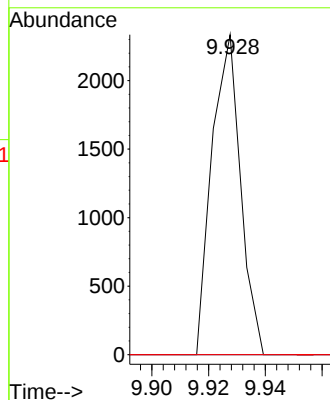
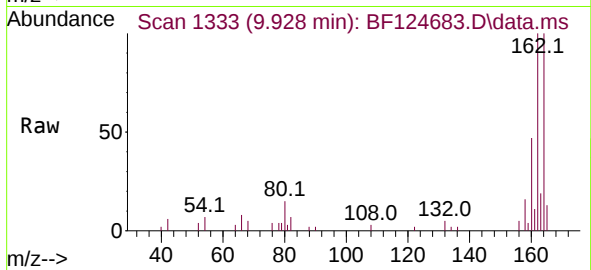




#51
2,6-Dinitrotoluene
Concen: 9.06 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.212 min
Lab File: BF124683.D
Acq: 22 Jul 2021 2:46

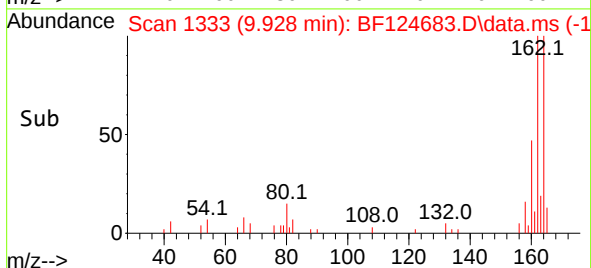
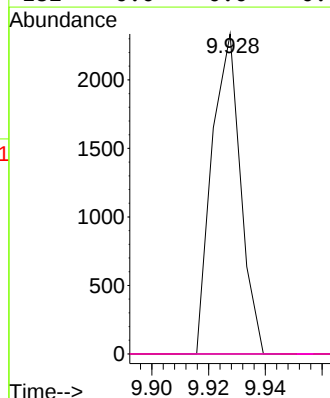
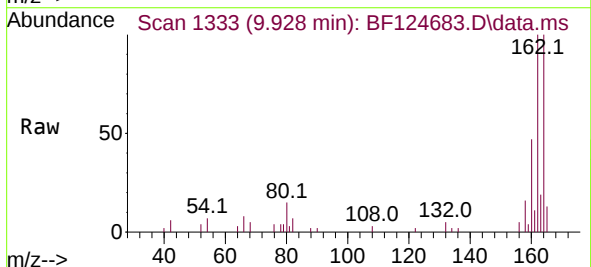
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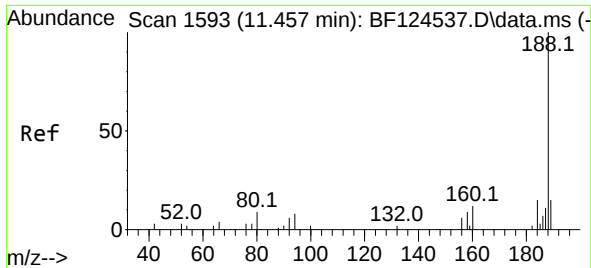
Tgt Ion:165 Resp: 1632
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.62 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF124683.D
Acq: 22 Jul 2021 2:46

Tgt Ion:165 Resp: 1632
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

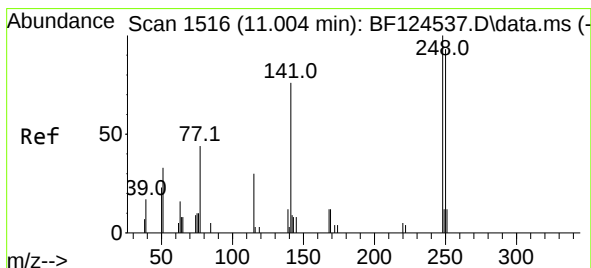
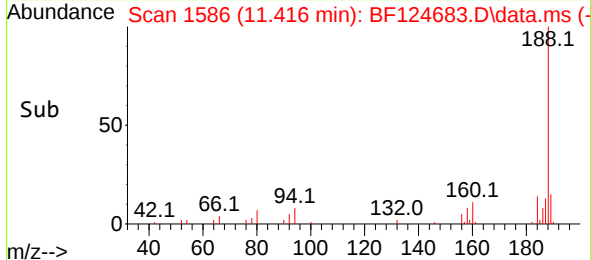
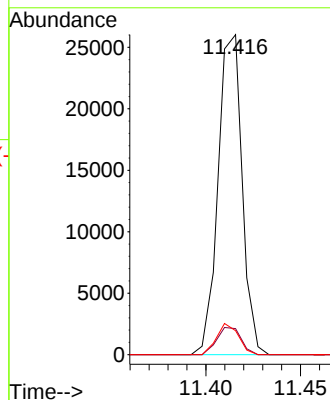
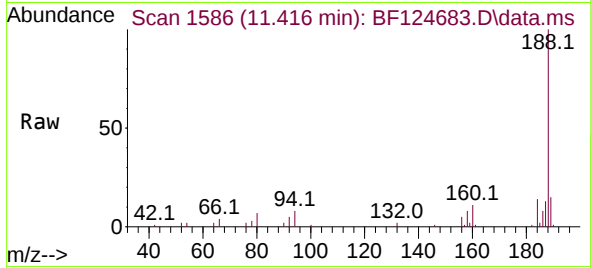




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF124683.D
Acq: 22 Jul 2021 2:46

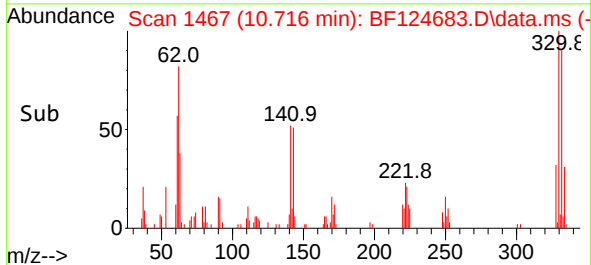
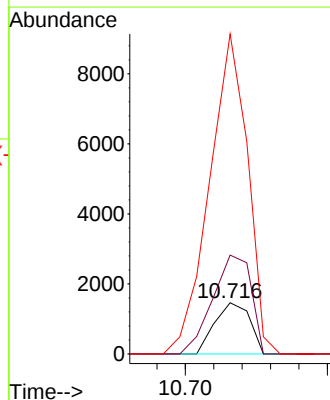
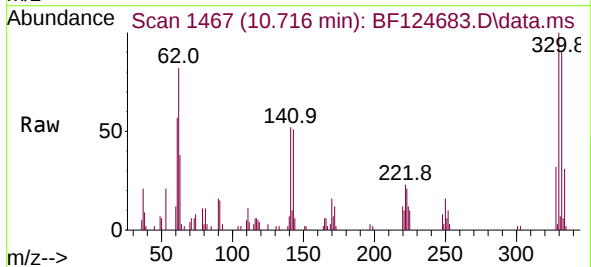
Instrument :
BNA_F
ClientSampleId :
20210515-FIELD-BLANK-1

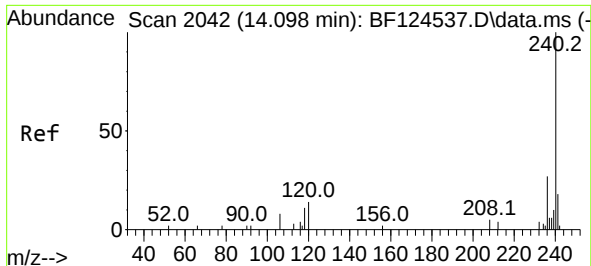
Tgt Ion:188 Resp: 23007
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 7.5 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 5.25 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.247 min
Lab File: BF124683.D
Acq: 22 Jul 2021 2:46

Tgt Ion:248 Resp: 1250
Ion Ratio Lower Upper
248 100
250 193.4 74.2 111.4#
141 625.5 60.4 90.6#

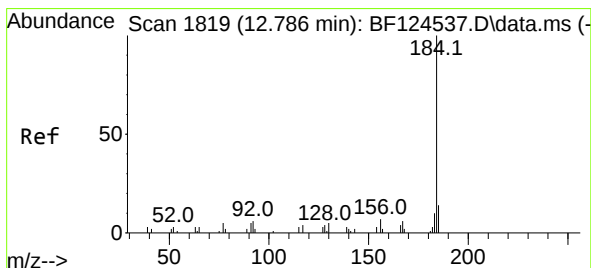
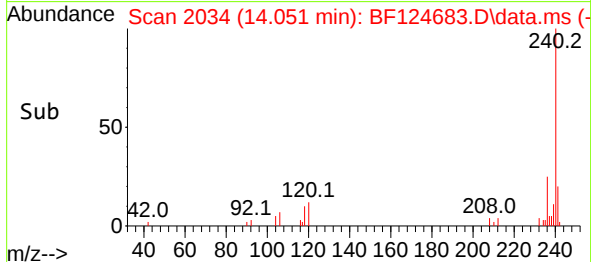
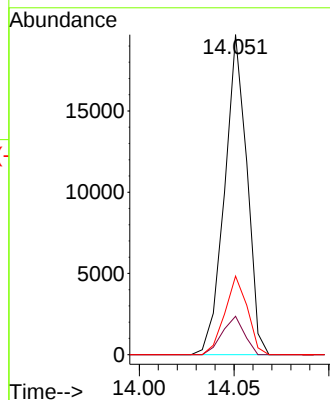
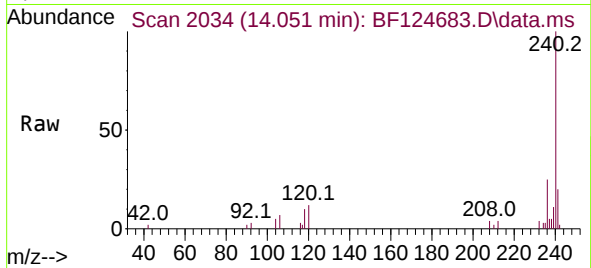




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF124683.D
Acq: 22 Jul 2021 2:46

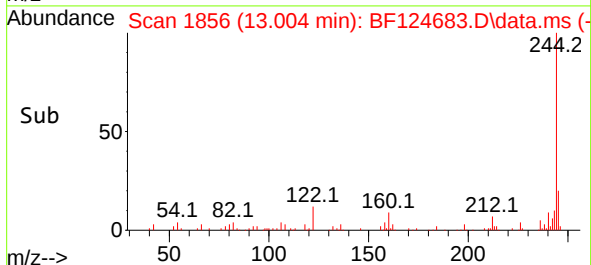
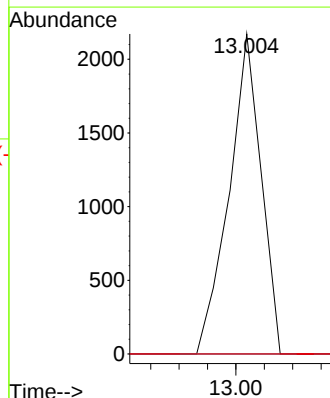
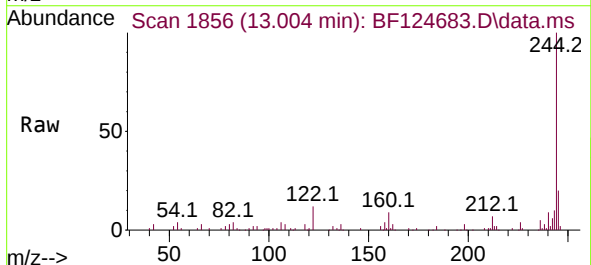
Instrument :
BNA_F
ClientSampleId :
20210515-FIELD-BLANK-1

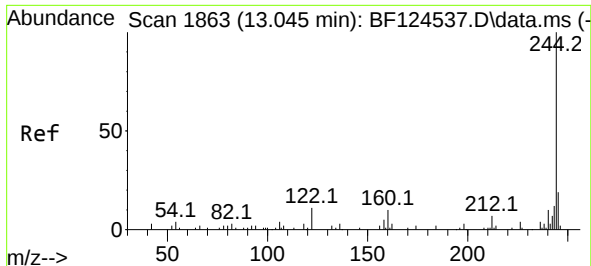
Tgt Ion:240 Resp: 16128
Ion Ratio Lower Upper
240 100
120 12.0 10.8 16.2
236 24.6 21.6 32.4



#77
Benzidine
Concen: 2.82 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.253 min
Lab File: BF124683.D
Acq: 22 Jul 2021 2:46

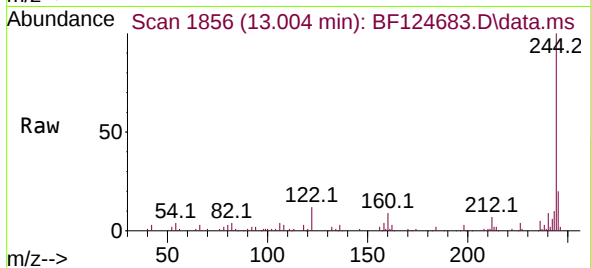
Tgt Ion:184 Resp: 1701
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#



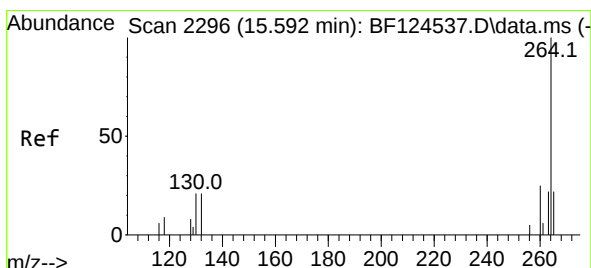
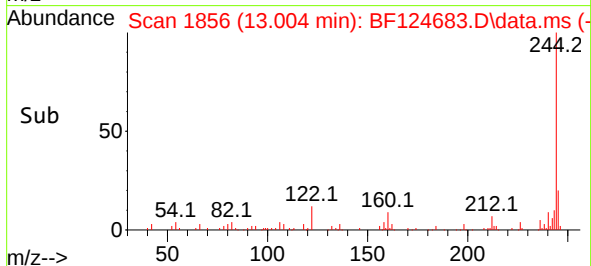
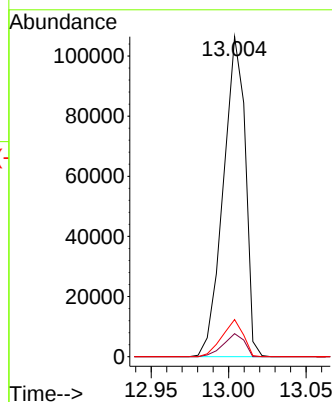


#79
 Terphenyl-d14
 Concen: 109.32 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. -0.006 min
 Lab File: BF124683.D
 Acq: 22 Jul 2021 2:46

Instrument :
 BNA_F
 ClientSampleId :
 20210515-FIELD-BLANK-1



Tgt Ion:244 Resp: 104994
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 11.6 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: BF124683.D
 Acq: 22 Jul 2021 2:46

Tgt Ion:264 Resp: 14342
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.6 29.4
 265 20.5 17.2 25.8

