

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043021\
 Data File : BF123769.D
 Acq On : 30 Apr 2021 14:16
 Operator : JU/CG
 Sample : PB136095BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136095BL

Quant Time: Apr 30 14:47:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 30 14:46:08 2021
 Response via : Initial Calibration

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

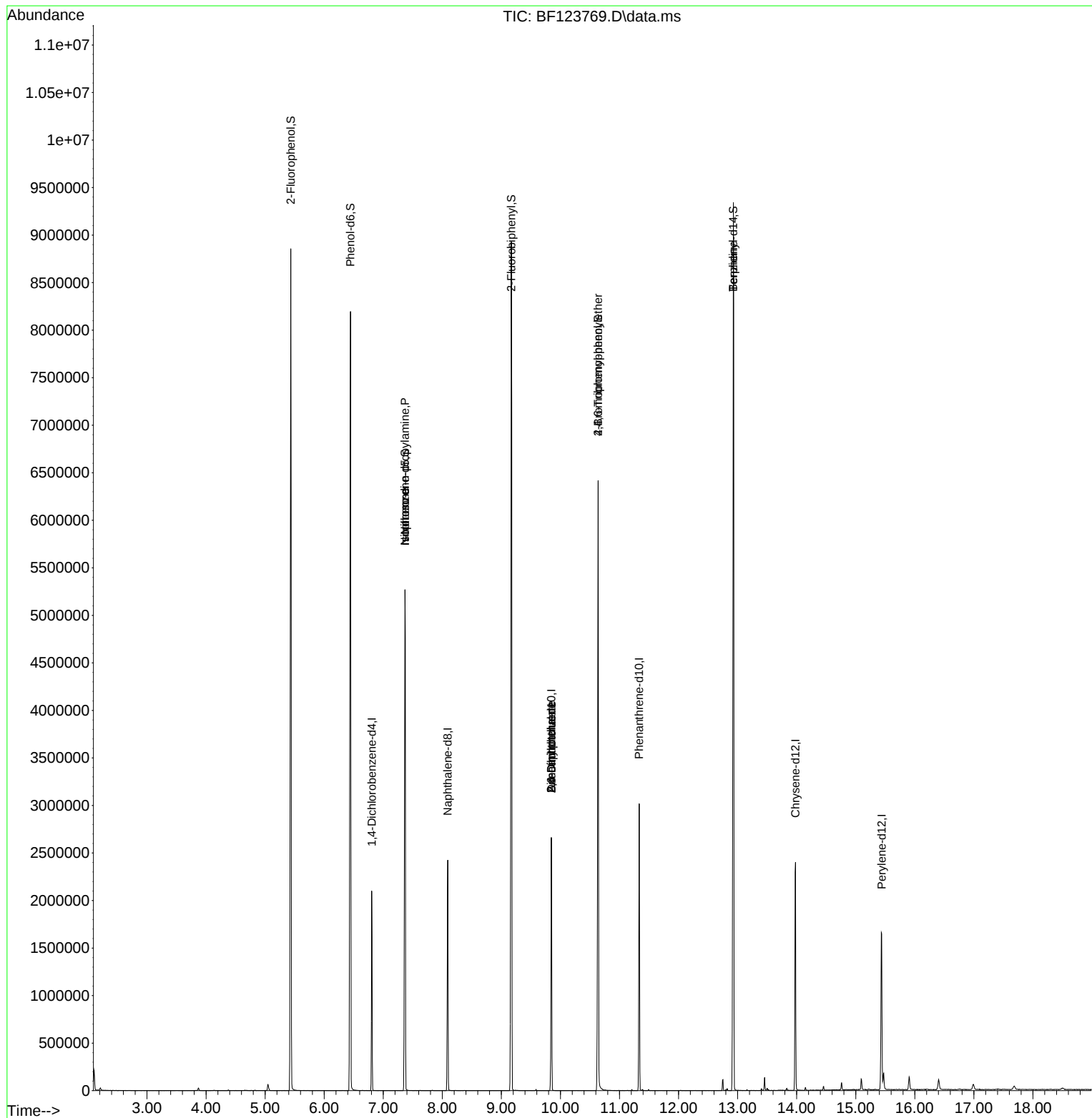
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	268360	20.00	ng	0.00
21) Naphthalene-d8	8.092	136	1038603	20.00	ng	0.00
39) Acenaphthene-d10	9.845	164	503258	20.00	ng	0.00
64) Phenanthrene-d10	11.333	188	995504	20.00	ng	0.00
76) Chrysene-d12	13.980	240	878538	20.00	ng	0.00
86) Perylene-d12	15.439	264	791587	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2110487	124.59	ng	0.01
7) Phenol-d6	6.445	99	2676434	114.70	ng	0.00
23) Nitrobenzene-d5	7.369	82	1935374	84.12	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	752375	120.09	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	2929076	84.76	ng	0.00
79) Terphenyl-d14	12.927	244	3380348	74.09	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.369	70	262830	18.24	ng	Qvalue
25) Isophorone	7.369	82	1935354	44.86	ng	# 75
50) Dimethylphthalate	9.845	163	105245	2.97	ng	# 69
51) 2,6-Dinitrotoluene	9.845	165	68315	8.34	ng	# 1
57) 2,4-Dinitrotoluene	9.845	165	68315	6.11	ng	# 12
67) 4-Bromophenyl-phenylether	10.639	248	41062	3.92	ng	# 17
77) Benzidine	12.927	184	48125	2.12	ng	# 1

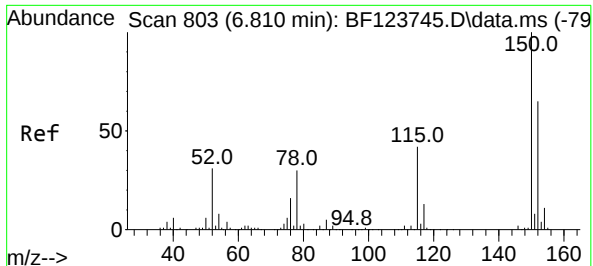
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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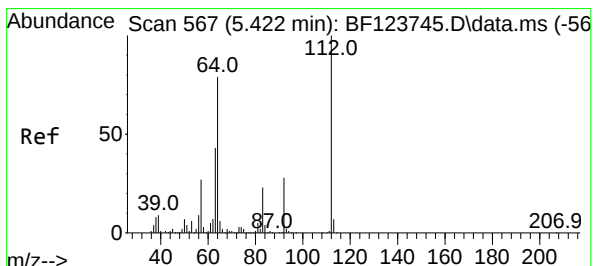
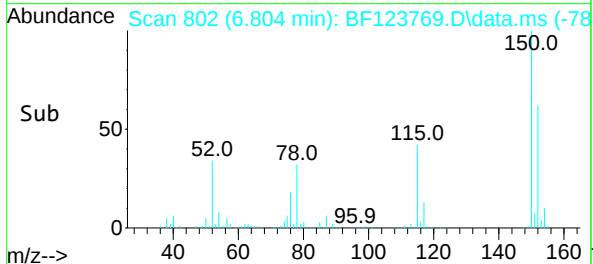
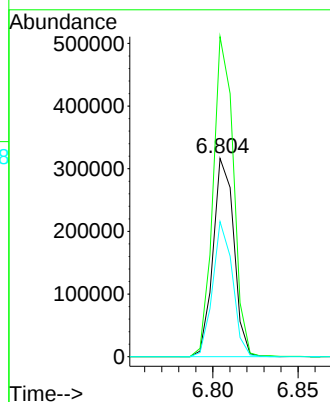
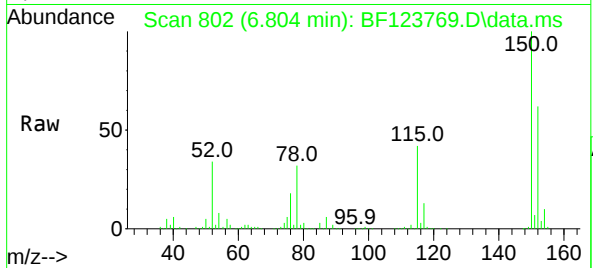




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.804 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF123769.D
Acq: 30 Apr 2021 14:16

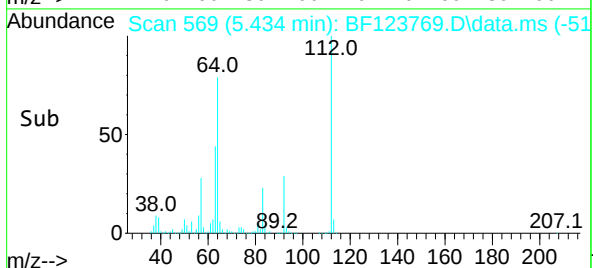
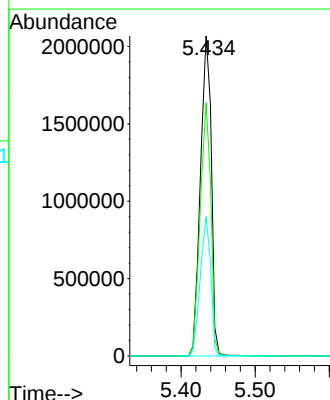
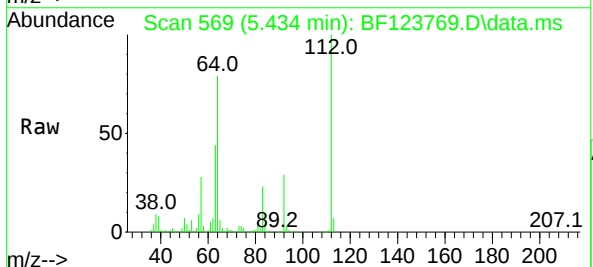
Instrument :
BNA_F
ClientSampleId :
PB136095BL

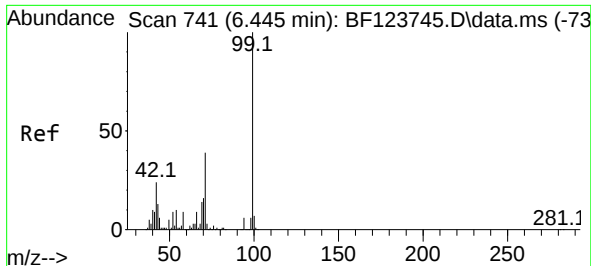
Tgt Ion:152 Resp: 268360
Ion Ratio Lower Upper
152 100
150 161.4 127.0 190.6
115 68.1 54.3 81.5



#5
2-Fluorophenol
Concen: 124.59 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF123769.D
Acq: 30 Apr 2021 14:16

Tgt Ion:112 Resp: 2110487
Ion Ratio Lower Upper
112 100
64 79.1 61.4 92.0
63 43.5 33.0 49.4

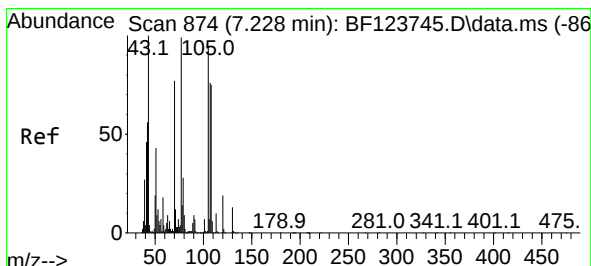
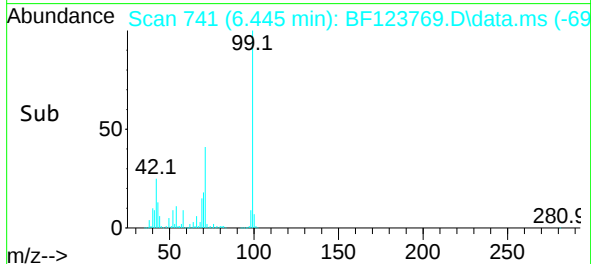
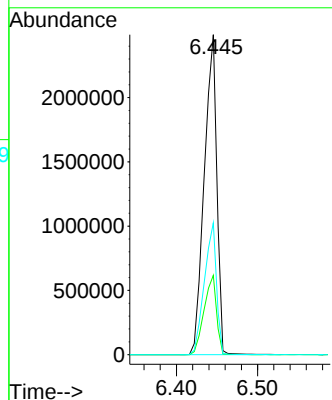
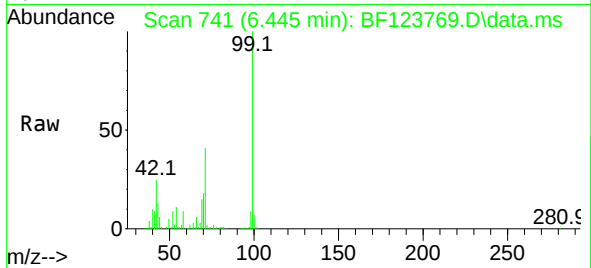




#7
Phenol-d6
Concen: 114.70 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF123769.D
Acq: 30 Apr 2021 14:16

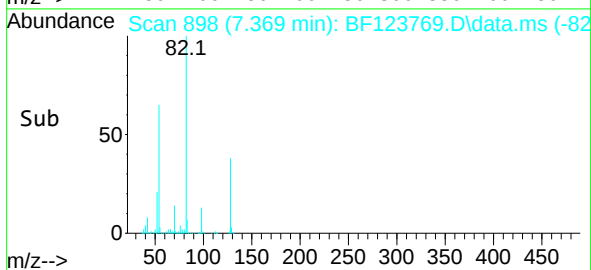
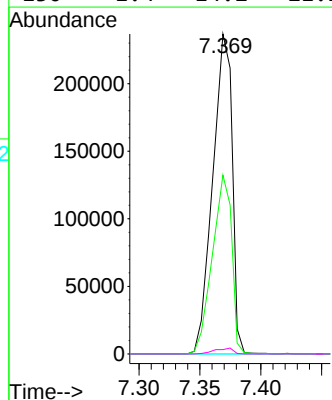
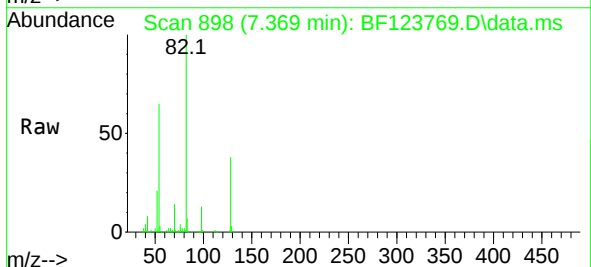
Instrument :
BNA_F
ClientSampleId :
PB136095BL

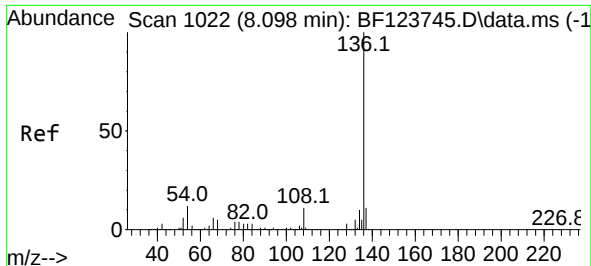
Tgt Ion: 99 Resp: 2676434
Ion Ratio Lower Upper
99 100
42 24.8 19.8 29.8
71 41.2 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.24 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.141 min
Lab File: BF123769.D
Acq: 30 Apr 2021 14:16

Tgt Ion: 70 Resp: 262830
Ion Ratio Lower Upper
70 100
42 55.9 60.1 90.1#
101 0.0 7.4 11.2#
130 1.4 14.2 21.2#



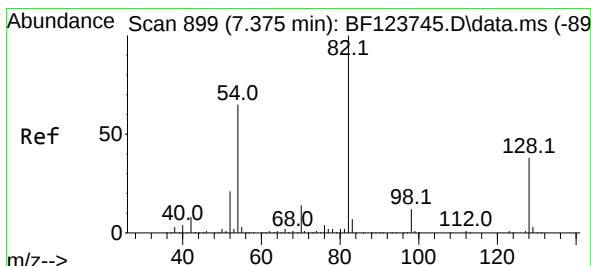
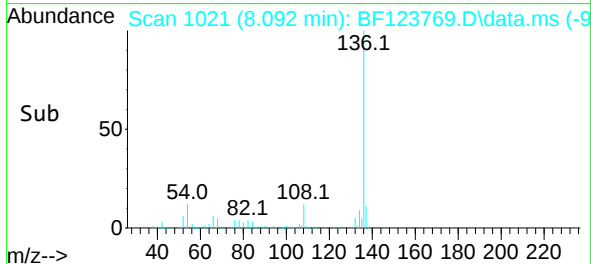
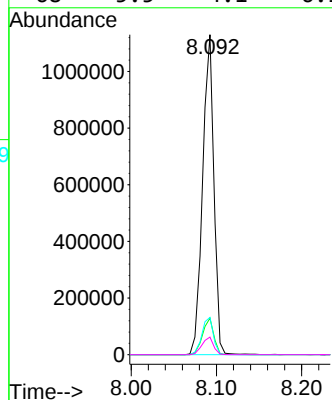
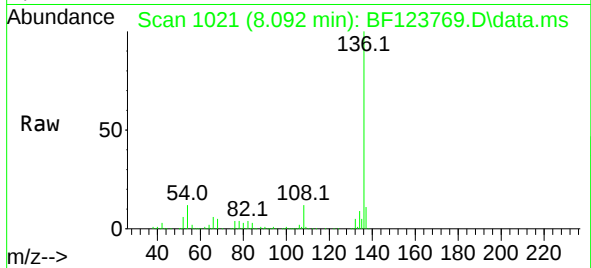


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF123769.D
Acq: 30 Apr 2021 14:16

Instrument :
BNA_F
ClientSampleId :
PB136095BL

Tgt Ion:136 Resp: 1038603

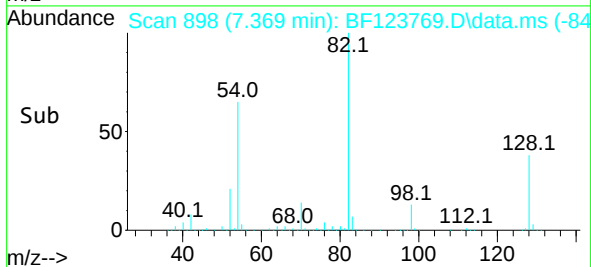
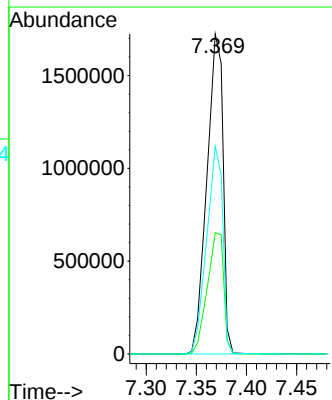
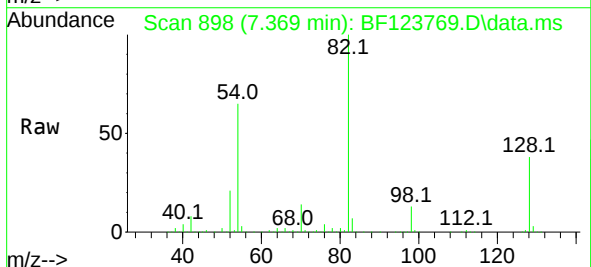
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	11.7	9.8	14.6
68	5.5	4.1	6.1

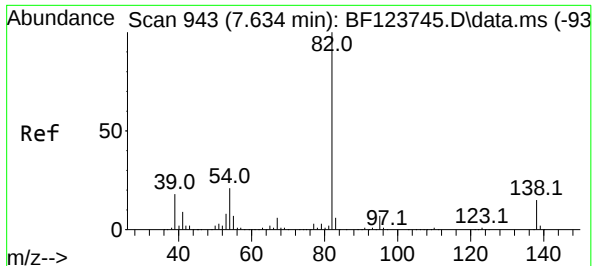


#23
Nitrobenzene-d5
Concen: 84.12 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF123769.D
Acq: 30 Apr 2021 14:16

Tgt Ion: 82 Resp: 1935374

Ion	Ratio	Lower	Upper
82	100		
128	37.9	29.4	44.2
54	64.9	54.1	81.1

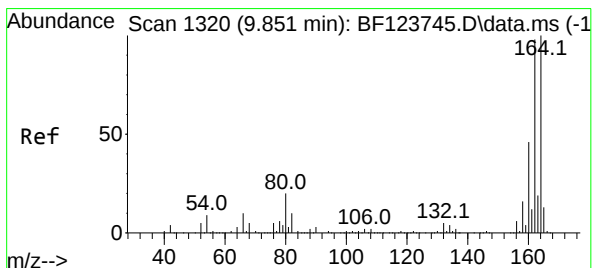
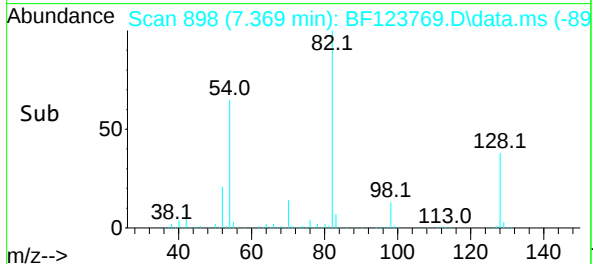
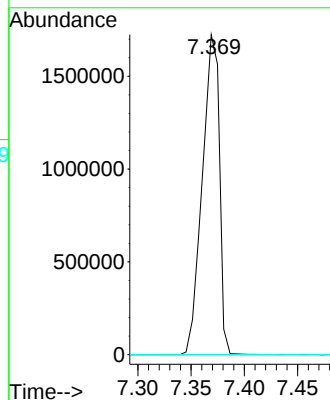
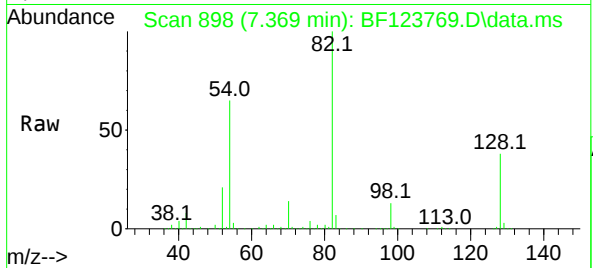




#25
Isophorone
Concen: 44.86 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.265 min
Lab File: BF123769.D
Acq: 30 Apr 2021 14:16

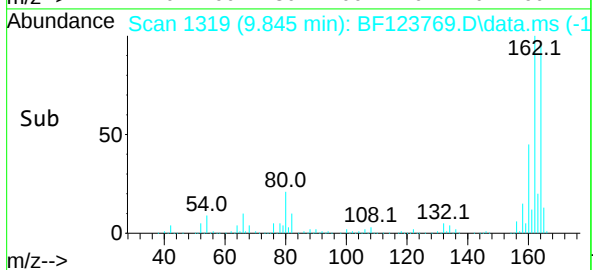
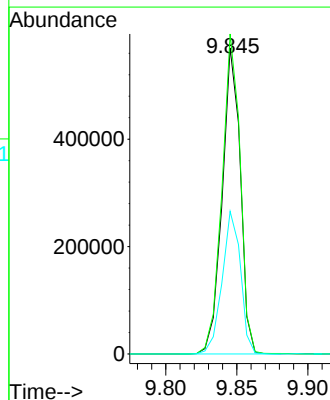
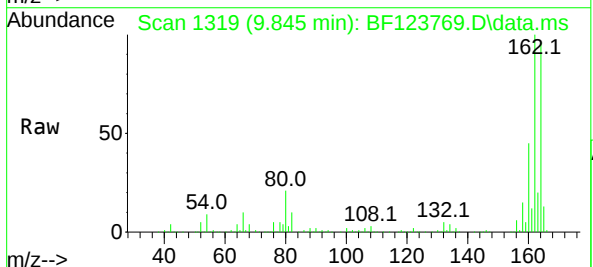
Instrument :
BNA_F
ClientSampleId :
PB136095BL

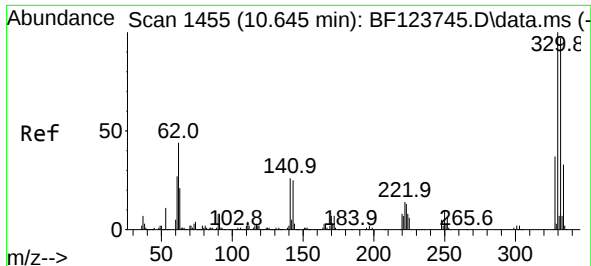
Tgt Ion: 82 Resp: 1935354
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF123769.D
Acq: 30 Apr 2021 14:16

Tgt Ion: 164 Resp: 503258
Ion Ratio Lower Upper
164 100
162 104.5 80.7 121.1
160 46.6 37.3 55.9

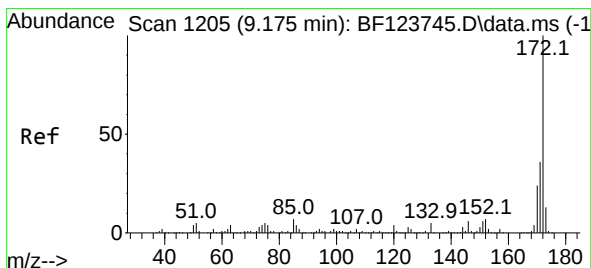
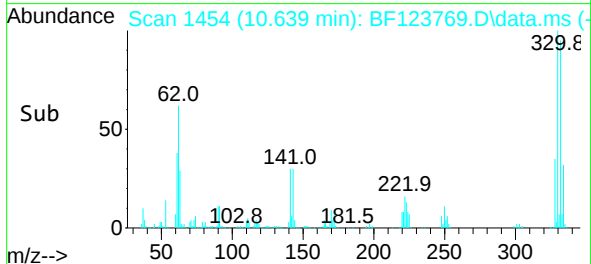
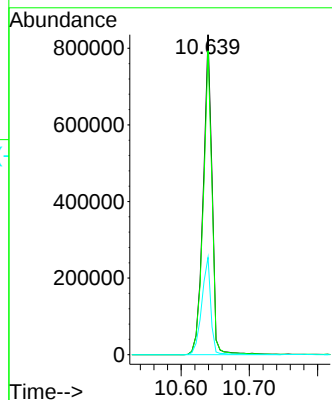
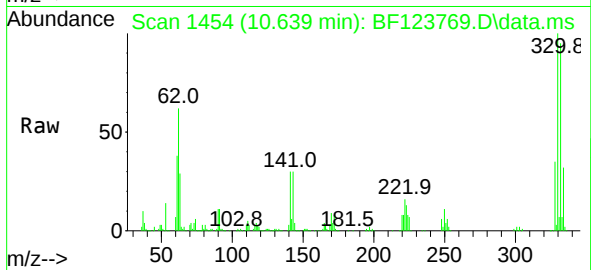




#42
 2,4,6-Tribromophenol
 Concen: 120.09 ng
 RT: 10.639 min Scan# 1454
 Delta R.T. -0.006 min
 Lab File: BF123769.D
 Acq: 30 Apr 2021 14:16

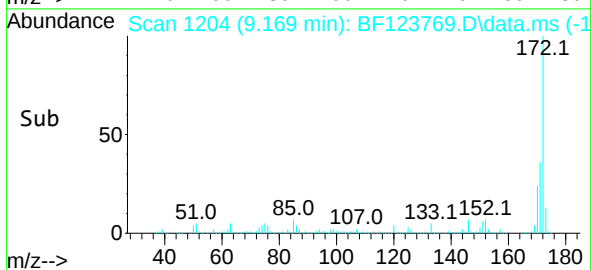
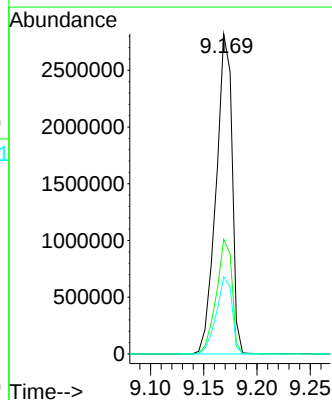
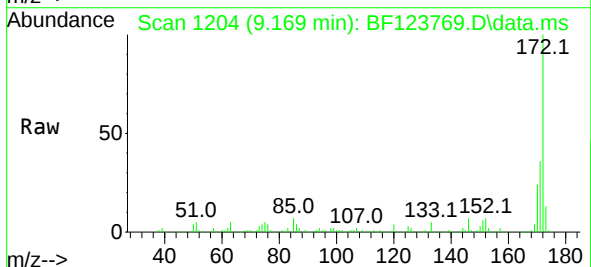
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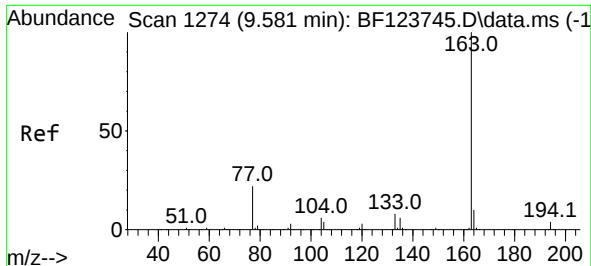
Tgt Ion: 330 Resp: 752375
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.1 115.7
 141 31.3 27.9 41.9



#45
 2-Fluorobiphenyl
 Concen: 84.76 ng
 RT: 9.169 min Scan# 1204
 Delta R.T. -0.006 min
 Lab File: BF123769.D
 Acq: 30 Apr 2021 14:16

Tgt Ion: 172 Resp: 2929076
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.1 42.1
 170 24.1 19.2 28.8

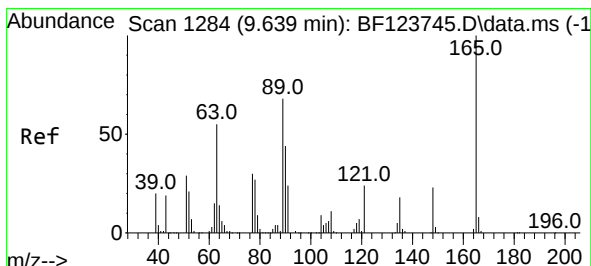
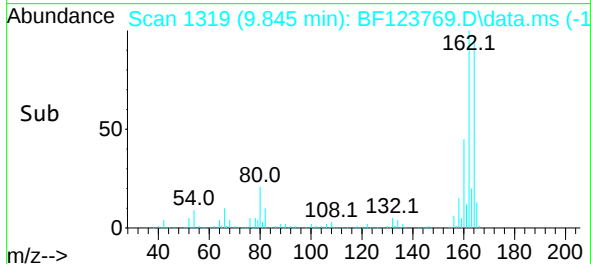
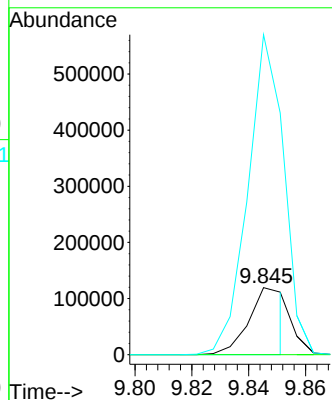
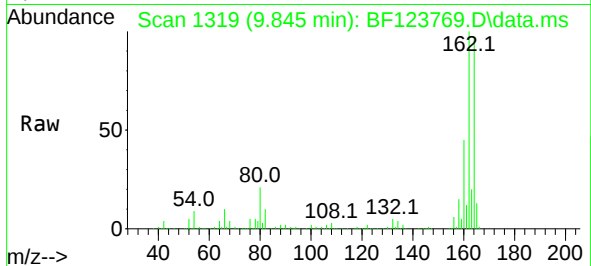




#50
Dimethylphthalate
Concen: 2.97 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.265 min
Lab File: BF123769.D
Acq: 30 Apr 2021 14:16

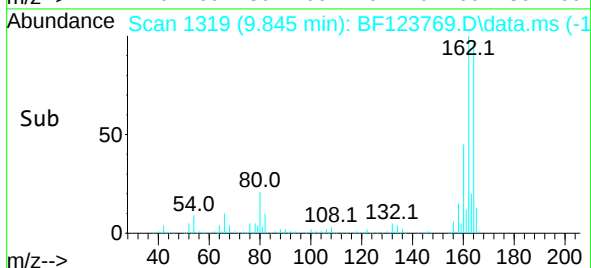
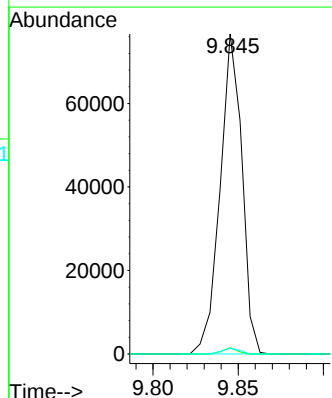
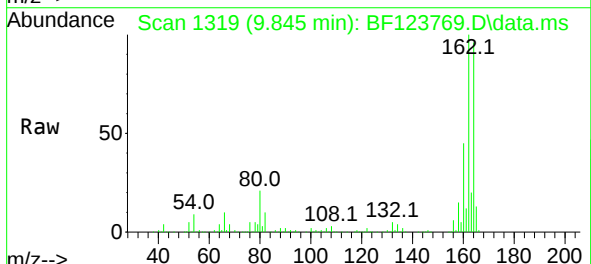
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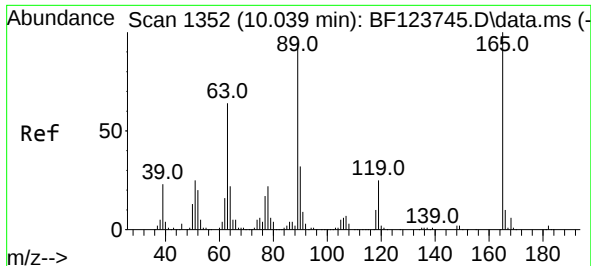
Tgt Ion:163 Resp: 105245
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 476.8 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.34 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.206 min
Lab File: BF123769.D
Acq: 30 Apr 2021 14:16

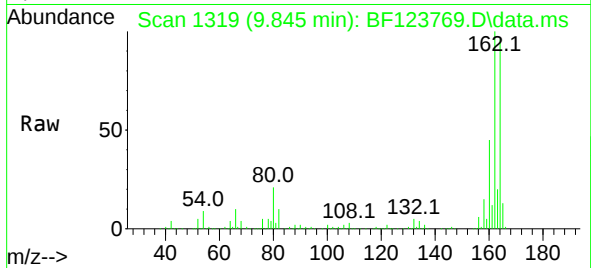
Tgt Ion:165 Resp: 68315
Ion Ratio Lower Upper
165 100
63 1.9 67.7 101.5#
89 1.8 58.8 88.2#



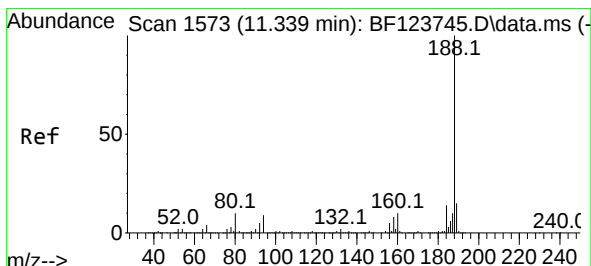
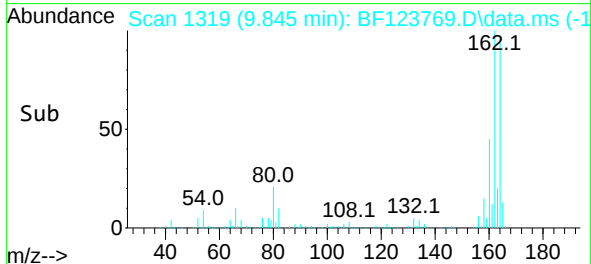
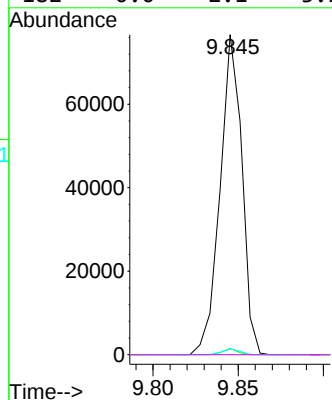


#57
2,4-Dinitrotoluene
Concen: 6.11 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.194 min
Lab File: BF123769.D
Acq: 30 Apr 2021 14:16

Instrument :
BNA_F
ClientSampleId :
PB136095BL

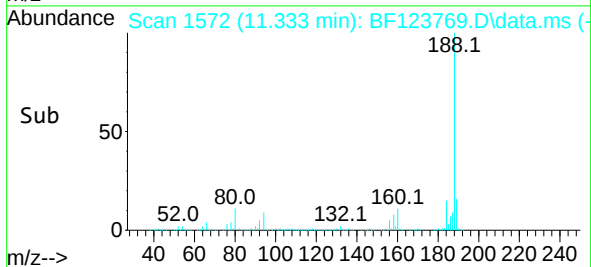
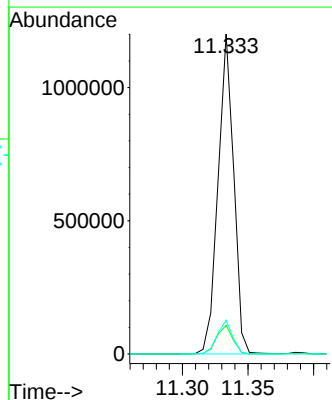
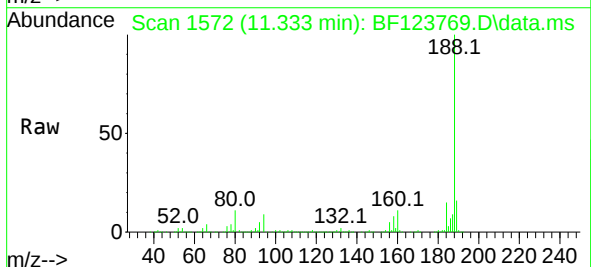


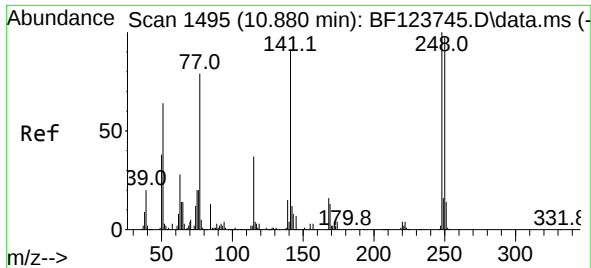
Tgt Ion:165 Resp: 68315
Ion Ratio Lower Upper
165 100
63 1.9 43.5 65.3#
89 1.8 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF123769.D
Acq: 30 Apr 2021 14:16

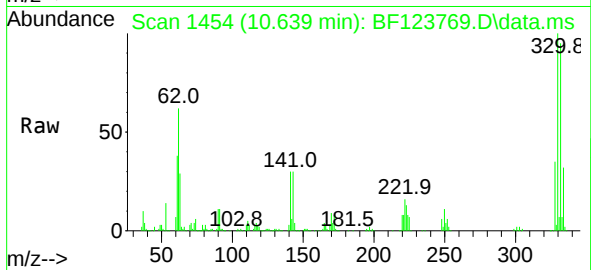
Tgt Ion:188 Resp: 995504
Ion Ratio Lower Upper
188 100
94 9.0 6.9 10.3
80 10.6 8.2 12.2



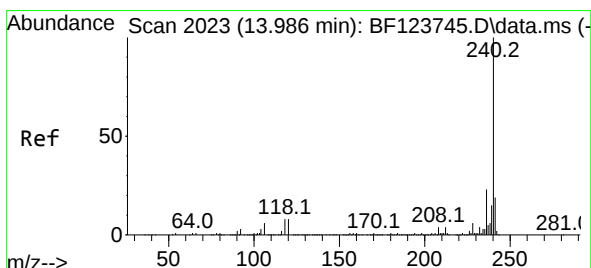
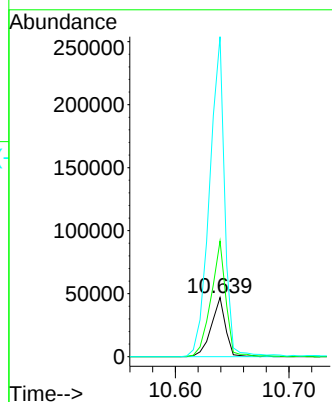
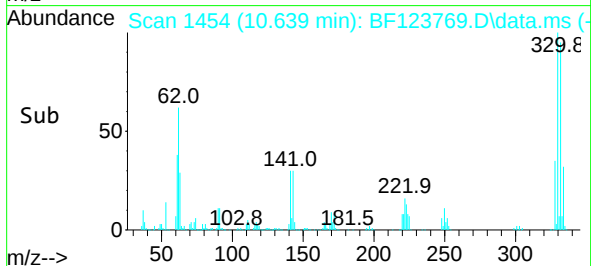


#67
4-Bromophenyl-phenylether
Concen: 3.92 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.241 min
Lab File: BF123769.D
Acq: 30 Apr 2021 14:16

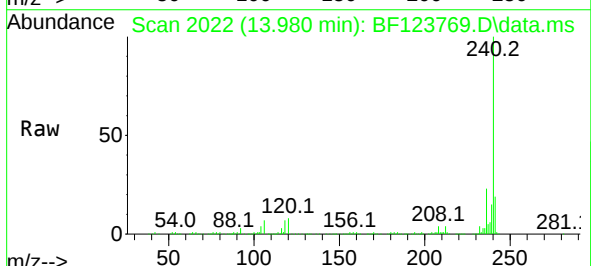
Instrument :
BNA_F
ClientSampled :
PB136095BL



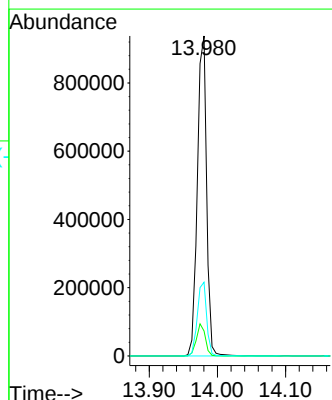
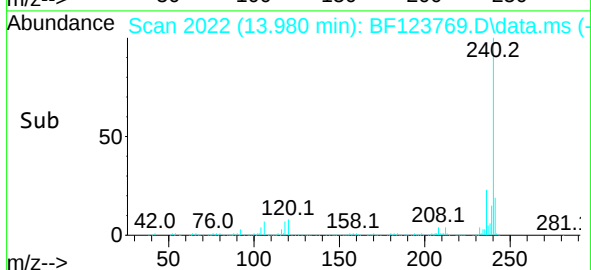
Tgt Ion:248 Resp: 41062
Ion Ratio Lower Upper
248 100
250 195.5 77.4 116.2#
141 540.6 63.7 95.5#

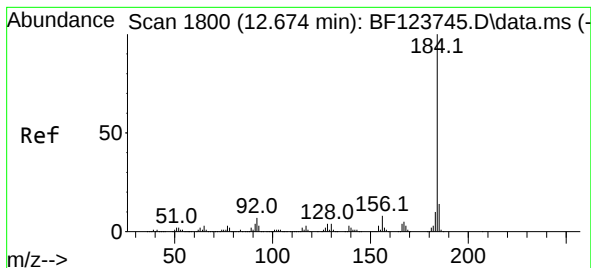


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF123769.D
Acq: 30 Apr 2021 14:16



Tgt Ion:240 Resp: 878538
Ion Ratio Lower Upper
240 100
120 7.8 7.2 10.8
236 23.1 19.0 28.4





#77

Benzidine

Concen: 2.12 ng

RT: 12.927 min Scan# 1843

Delta R.T. 0.253 min

Lab File: BF123769.D

Acq: 30 Apr 2021 14:16

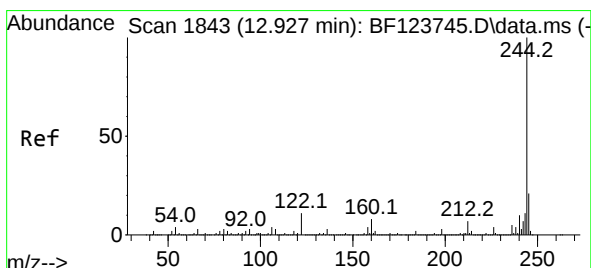
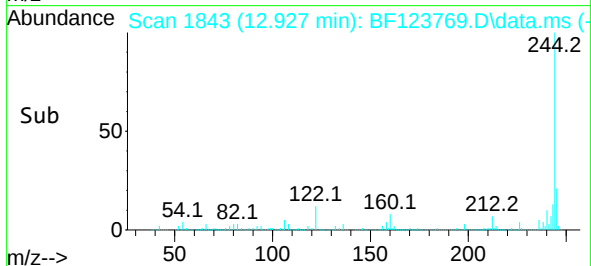
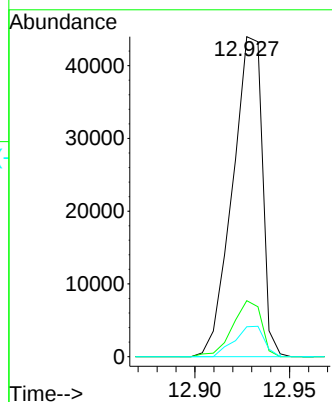
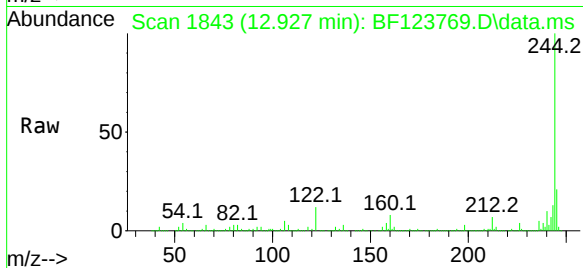
Tgt Ion:184 Resp: 48125

Ion Ratio Lower Upper

184 100

185 17.5 12.1 18.1

183 9.4 7.8 11.8



#79

Terphenyl-d14

Concen: 74.09 ng

RT: 12.927 min Scan# 1843

Delta R.T. -0.000 min

Lab File: BF123769.D

Acq: 30 Apr 2021 14:16

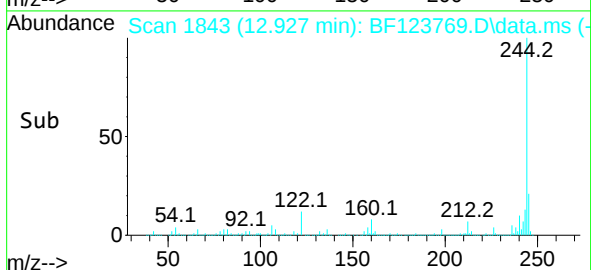
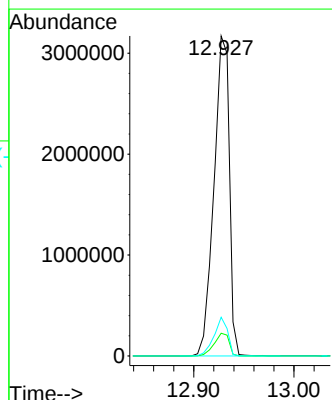
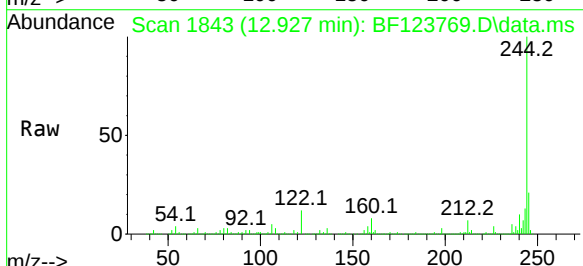
Tgt Ion:244 Resp: 3380348

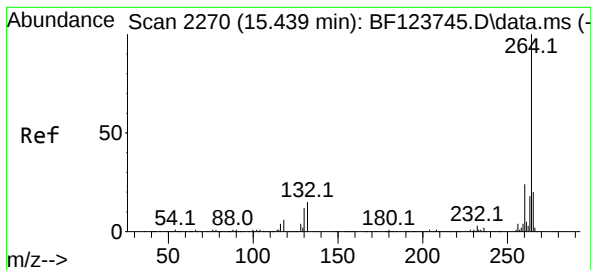
Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 12.1 9.7 14.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.000 min
 Lab File: BF123769.D
 Acq: 30 Apr 2021 14:16

Instrument :
 BNA_F
 ClientSampleId :
 PB136095BL

Tgt Ion:264 Resp: 791587
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 21.0 17.8 26.8

