

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
 Data File : BF128193.D
 Acq On : 11 May 2022 14:20
 Operator : CG\JU
 Sample : PB144740BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144740BL

Quant Time: May 12 05:59:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 15:30:11 2022
 Response via : Initial Calibration

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

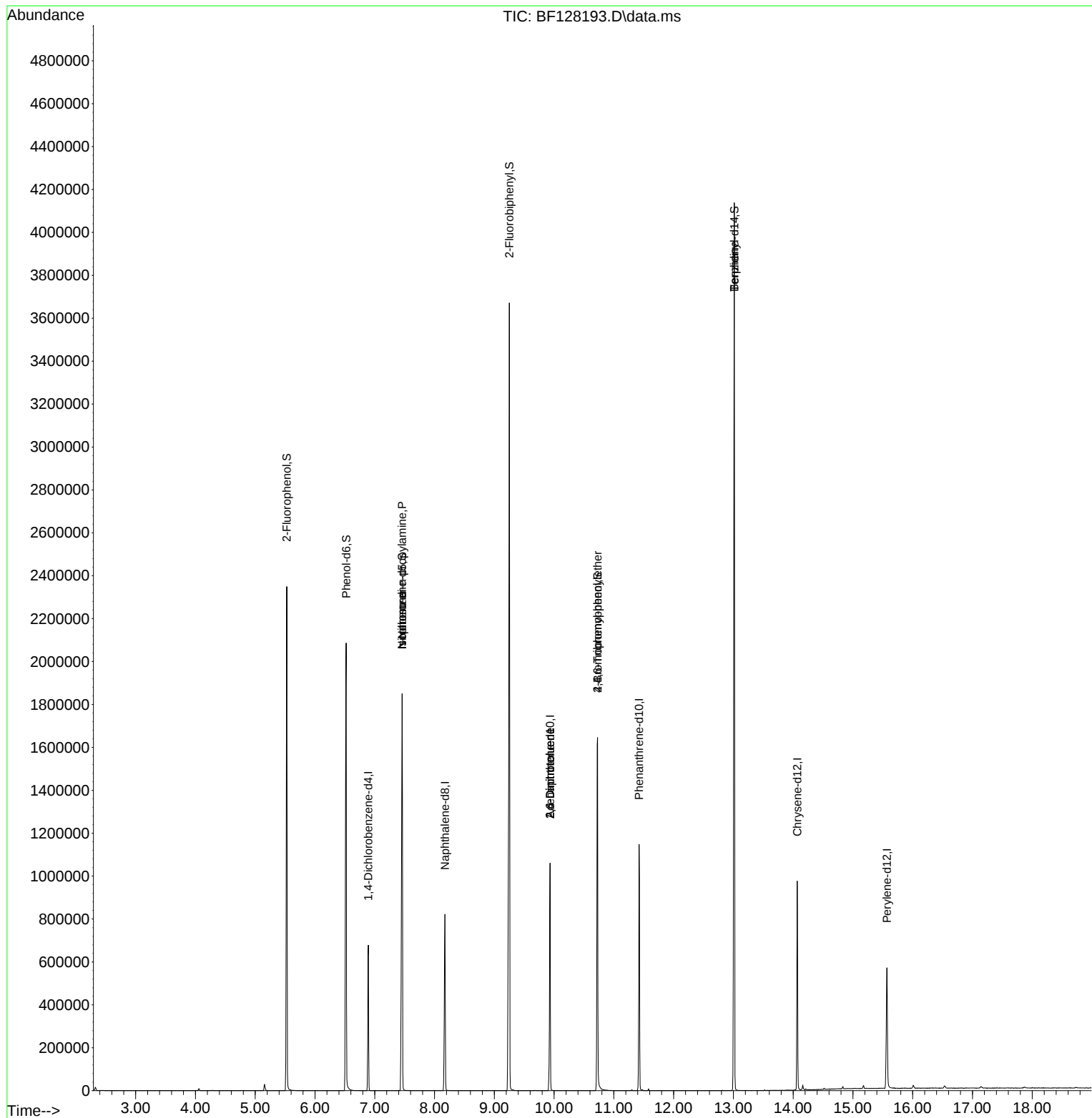
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	98987	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	406080	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	233264	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	428269	20.000	ng	0.00
76) Chrysene-d12	14.068	240	334558	20.000	ng	-0.01
86) Perylene-d12	15.568	264	269431	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	573556	92.368	ng	0.01
7) Phenol-d6	6.522	99	734532	89.436	ng	0.00
23) Nitrobenzene-d5	7.457	82	780567	86.492	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	226038	84.492	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1284403	86.155	ng	0.00
79) Terphenyl-d14	13.016	244	1520367	85.272	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.522	77	1322	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.457	70	108048	21.363	ng	# 80
25) Isophorone	7.457	82	776306	54.868	ng	# 68
51) 2,6-Dinitrotoluene	9.933	165	29662	8.983	ng	# 21
57) 2,4-Dinitrotoluene	9.933	165	29662	6.718	ng	# 26
67) 4-Bromophenyl-phenylether	10.727	248	13228	2.871	ng	# 1
77) Benizidine	13.016	184	21852	3.016	ng	# 91

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

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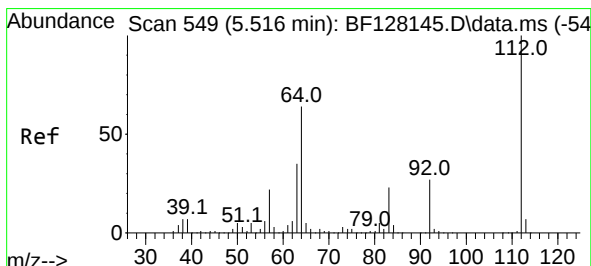
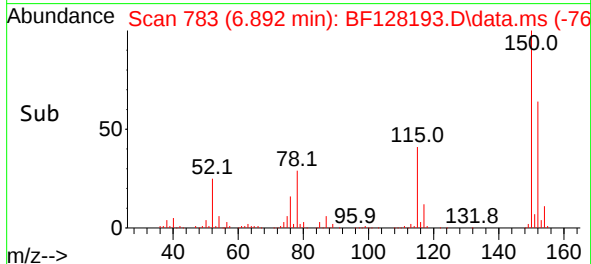
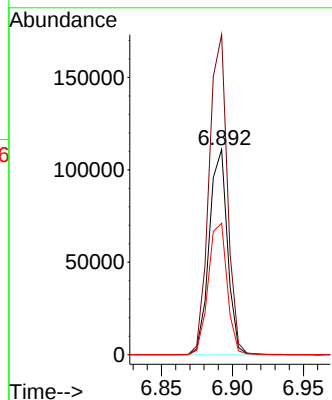
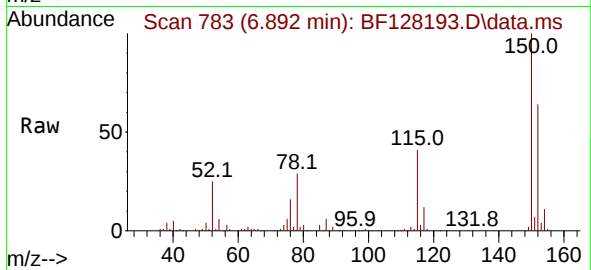




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF128193.D
 Acq: 11 May 2022 14:20

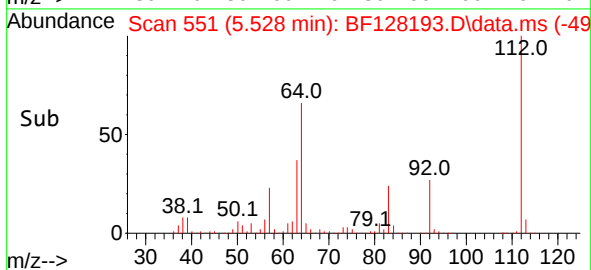
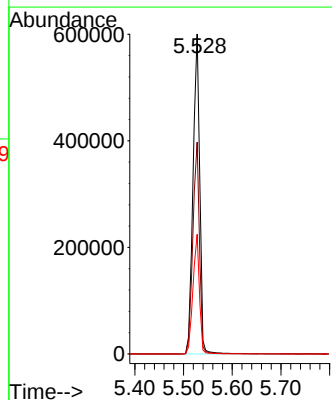
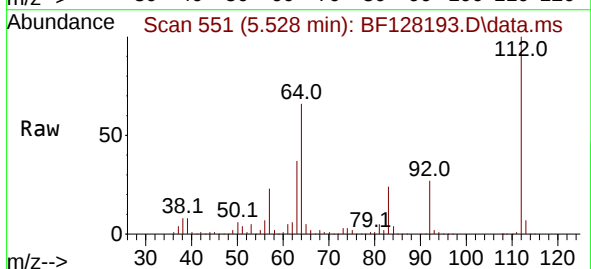
Instrument :
 BNA_F
 ClientSampleId :
 PB144740BL

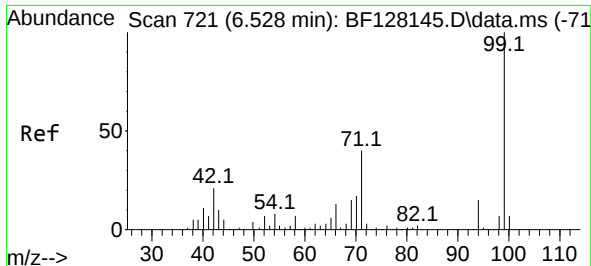
Tgt Ion:152 Resp: 98987
 Ion Ratio Lower Upper
 152 100
 150 155.9 125.3 187.9
 115 64.1 48.8 73.2



#5
 2-Fluorophenol
 Concen: 92.368 ng
 RT: 5.528 min Scan# 551
 Delta R.T. 0.012 min
 Lab File: BF128193.D
 Acq: 11 May 2022 14:20

Tgt Ion:112 Resp: 573556
 Ion Ratio Lower Upper
 112 100
 64 66.2 49.5 74.3
 63 37.4 26.3 39.5

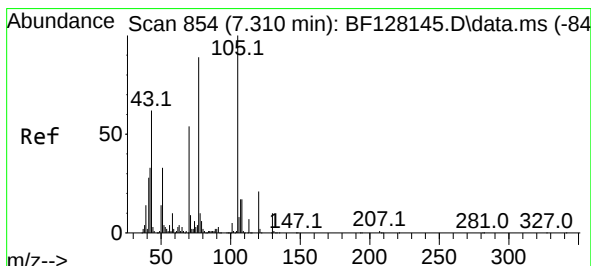
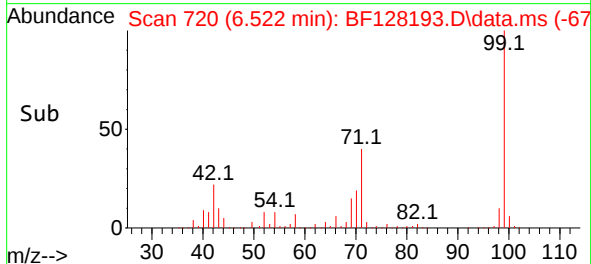
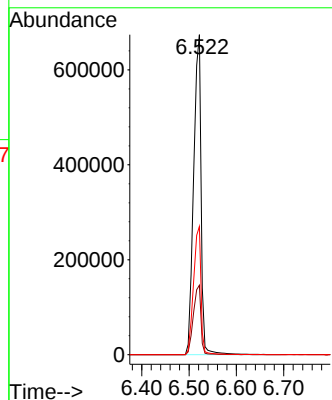
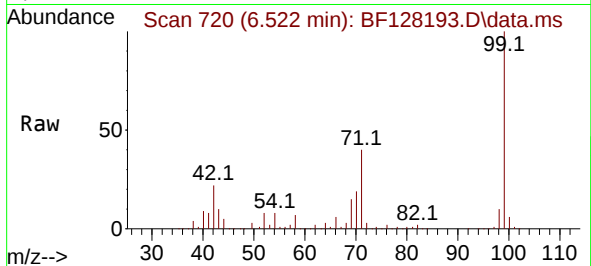




#7
Phenol-d6
Concen: 89.436 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128193.D
Acq: 11 May 2022 14:20

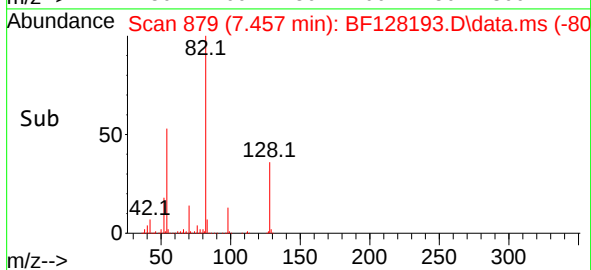
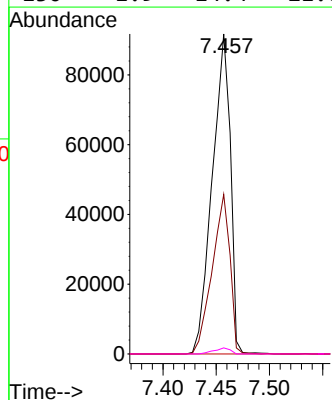
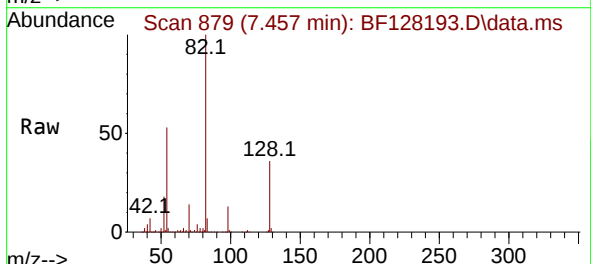
Instrument :
BNA_F
ClientSampleId :
PB144740BL

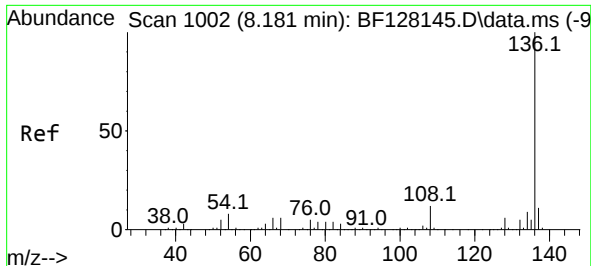
Tgt Ion: 99 Resp: 734532
Ion Ratio Lower Upper
99 100
42 21.7 16.6 24.8
71 40.1 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.363 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF128193.D
Acq: 11 May 2022 14:20

Tgt Ion: 70 Resp: 108048
Ion Ratio Lower Upper
70 100
42 49.8 48.7 73.1
101 0.0 7.2 10.8#
130 1.9 14.4 21.6#



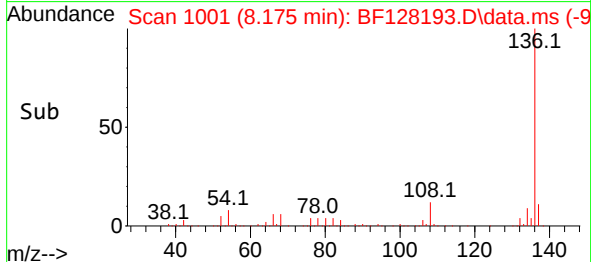
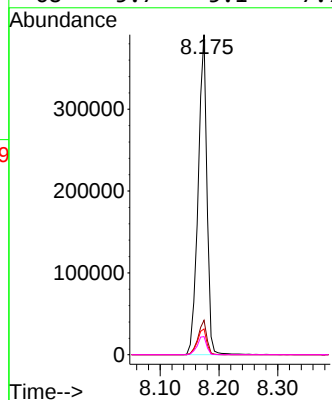
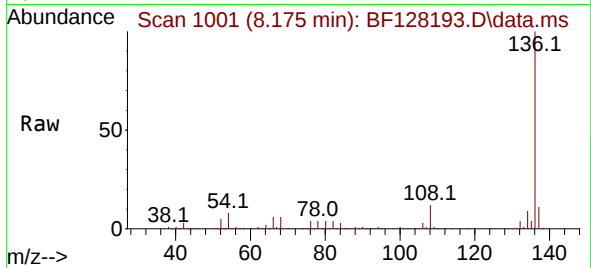


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128193.D
Acq: 11 May 2022 14:20

Instrument :
BNA_F
ClientSampleId :
PB144740BL

Tgt Ion:136 Resp: 406080

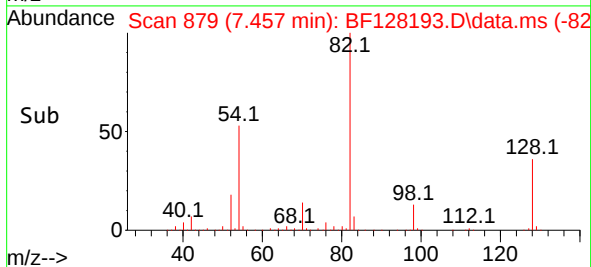
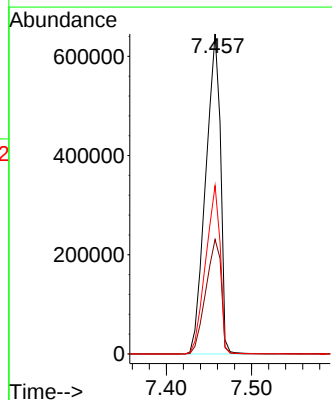
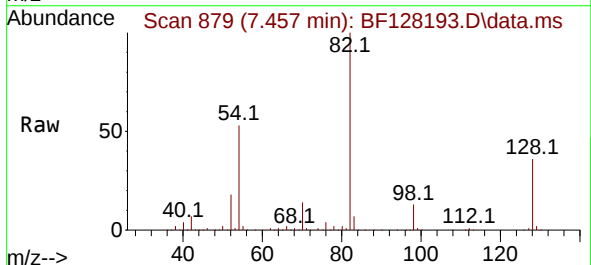
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.0	6.8	10.2
68	5.7	5.1	7.7



#23
Nitrobenzene-d5
Concen: 86.492 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF128193.D
Acq: 11 May 2022 14:20

Tgt Ion: 82 Resp: 780567

Ion	Ratio	Lower	Upper
82	100		
128	35.8	30.0	45.0
54	52.6	41.3	61.9

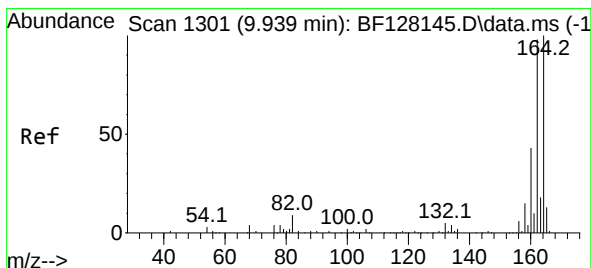
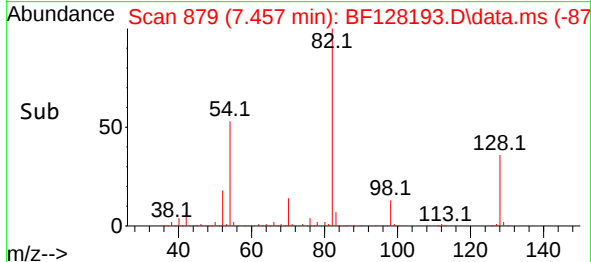
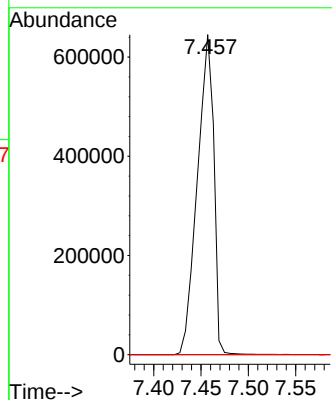
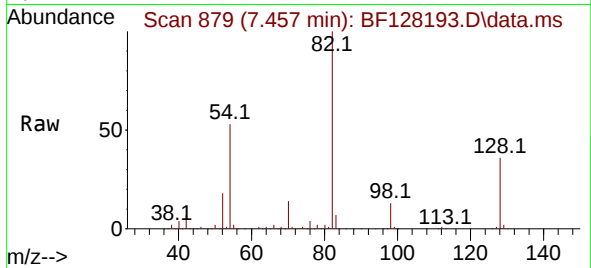




#25
Isophorone
Concen: 54.868 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128193.D
Acq: 11 May 2022 14:20

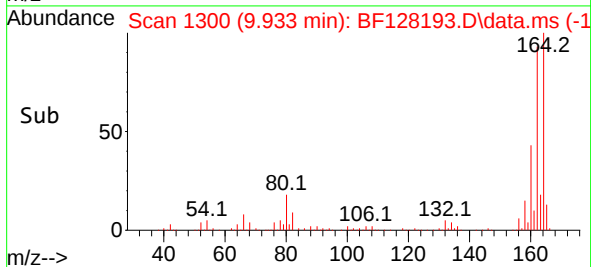
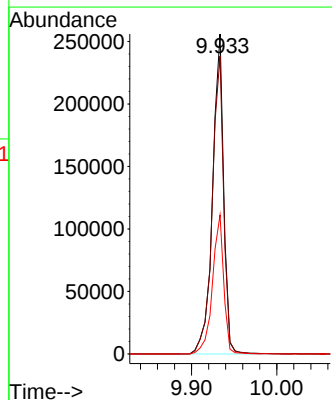
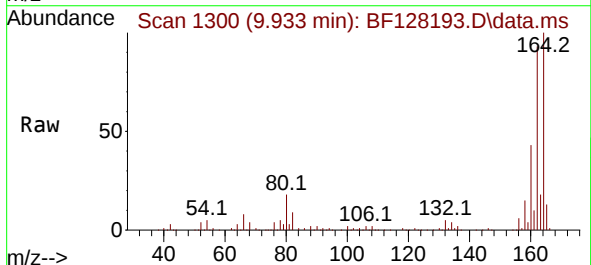
Instrument :
BNA_F
ClientSampleId :
PB144740BL

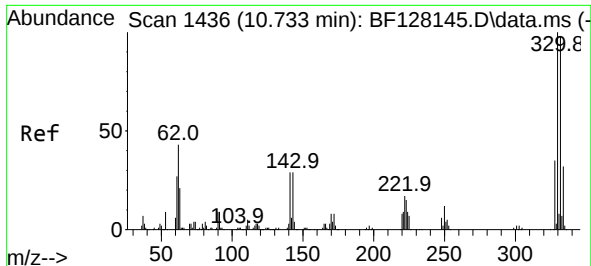
Tgt Ion: 82 Resp: 776306
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF128193.D
Acq: 11 May 2022 14:20

Tgt Ion:164 Resp: 233264
Ion Ratio Lower Upper
164 100
162 93.1 76.0 114.0
160 43.4 34.8 52.2

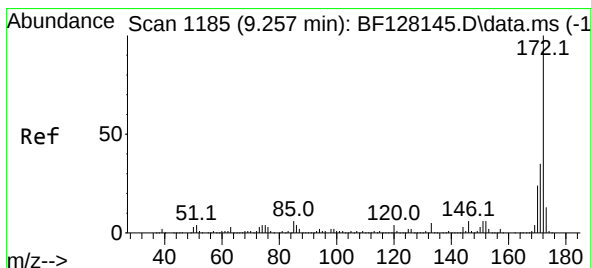
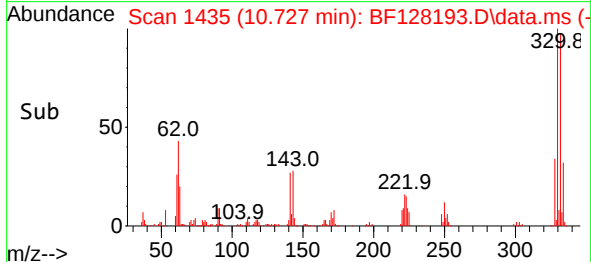
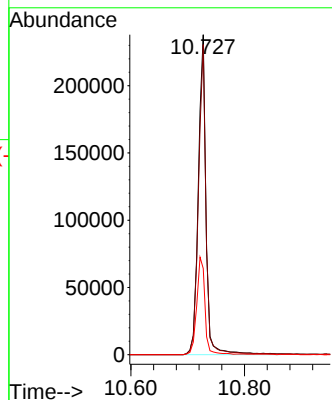
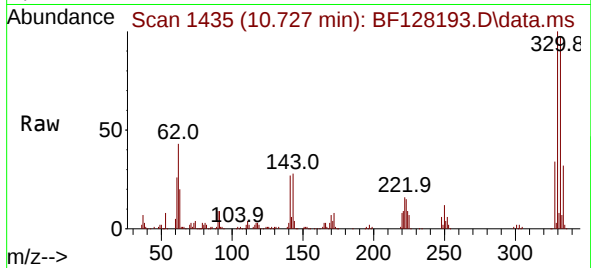




#42
2,4,6-Tribromophenol
Concen: 84.492 ng
RT: 10.727 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF128193.D
Acq: 11 May 2022 14:20

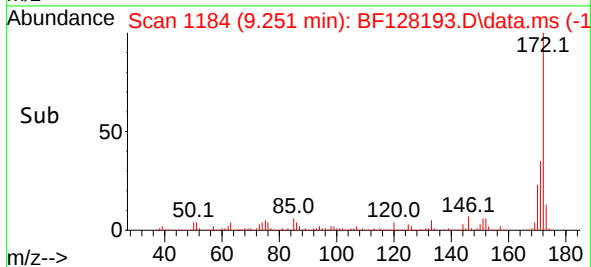
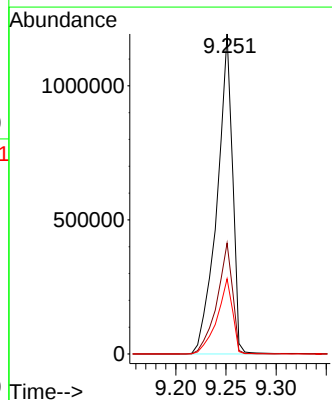
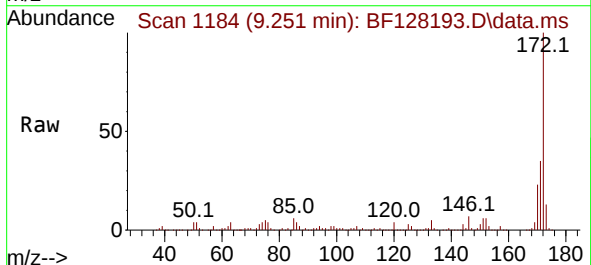
Instrument :
BNA_F
ClientSampleId :
PB144740BL

Tgt Ion:330 Resp: 226038
Ion Ratio Lower Upper
330 100
332 95.0 79.0 118.4
141 32.6 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 86.155 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF128193.D
Acq: 11 May 2022 14:20

Tgt Ion:172 Resp: 1284403
Ion Ratio Lower Upper
172 100
171 34.6 28.6 42.8
170 23.5 19.1 28.7

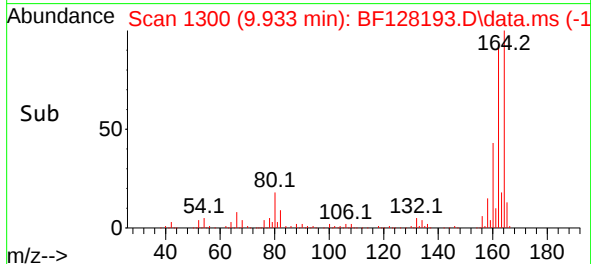
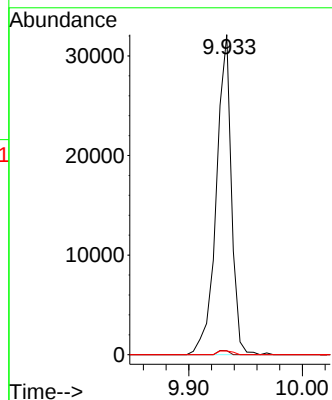
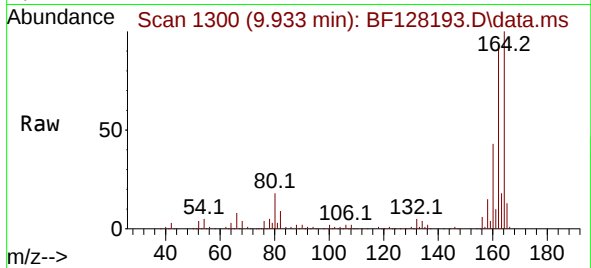




#51
2,6-Dinitrotoluene
Concen: 8.983 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128193.D
Acq: 11 May 2022 14:20

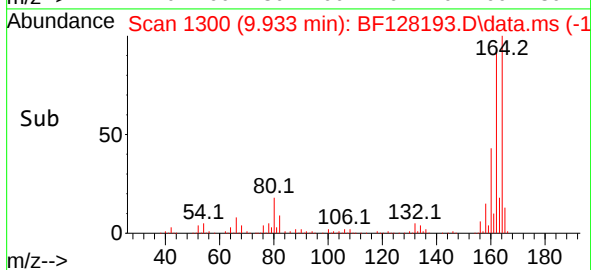
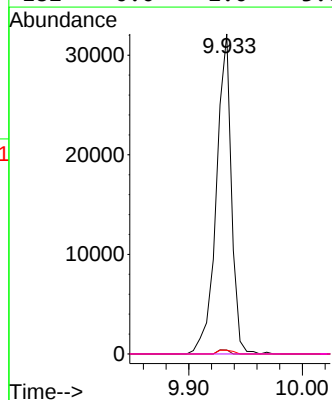
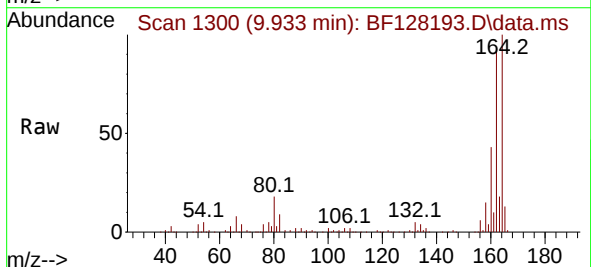
Instrument :
BNA_F
ClientSampleId :
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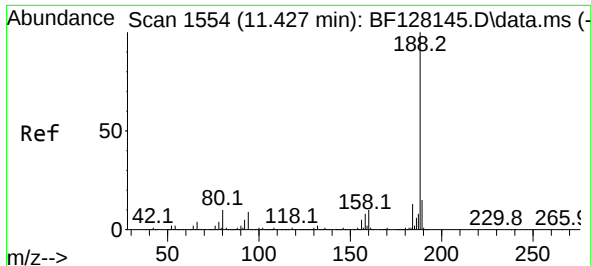
Tgt Ion:165 Resp: 29662
Ion Ratio Lower Upper
165 100
63 1.3 49.5 74.3#
89 1.1 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.718 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.200 min
Lab File: BF128193.D
Acq: 11 May 2022 14:20

Tgt Ion:165 Resp: 29662
Ion Ratio Lower Upper
165 100
63 1.3 32.6 49.0#
89 1.1 55.2 82.8#
182 0.0 2.0 3.0#

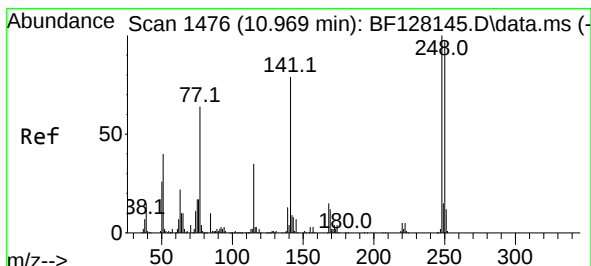
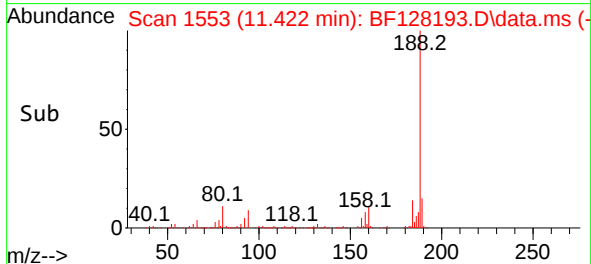
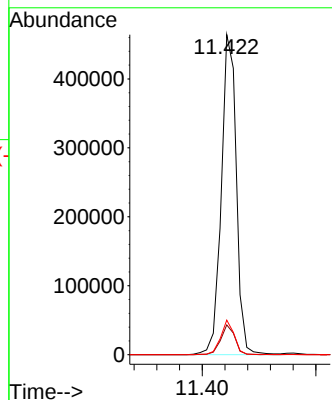
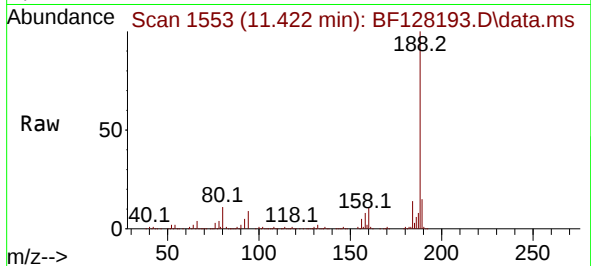




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128193.D
Acq: 11 May 2022 14:20

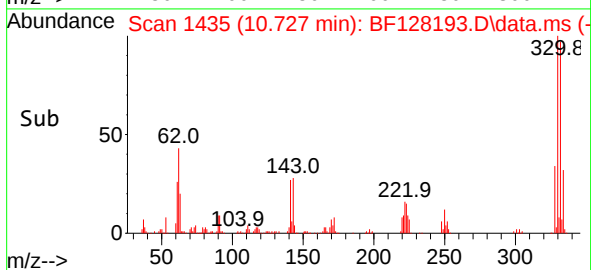
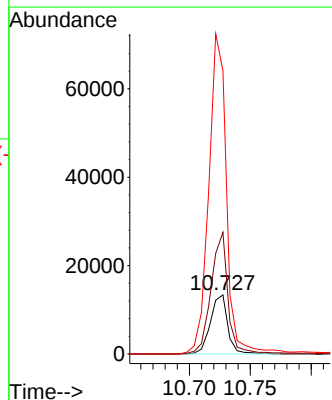
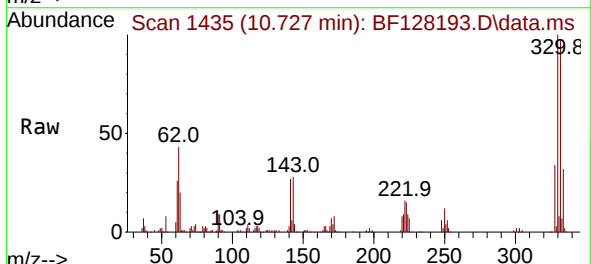
Instrument :
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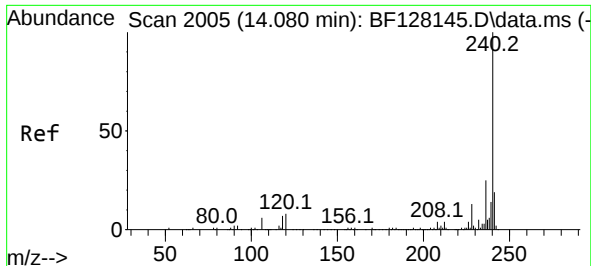
Tgt Ion:188 Resp: 428269
Ion Ratio Lower Upper
188 100
94 9.3 8.0 12.0
80 10.8 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.871 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.241 min
Lab File: BF128193.D
Acq: 11 May 2022 14:20

Tgt Ion:248 Resp: 13228
Ion Ratio Lower Upper
248 100
250 206.1 77.7 116.5#
141 480.3 65.6 98.4#

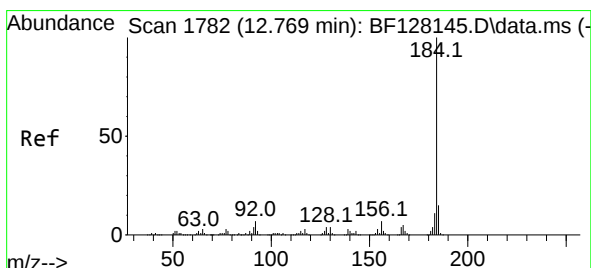
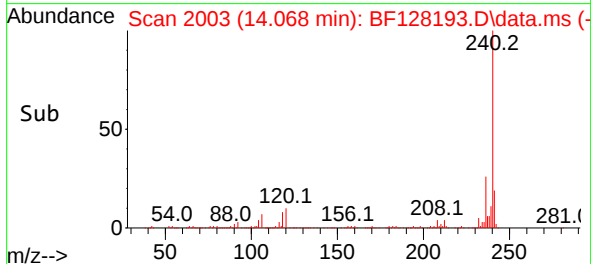
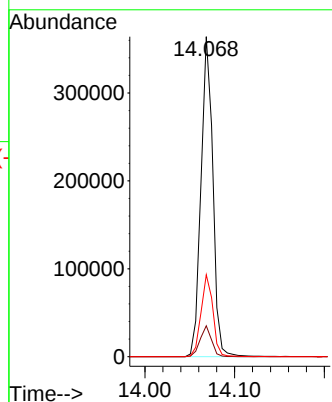
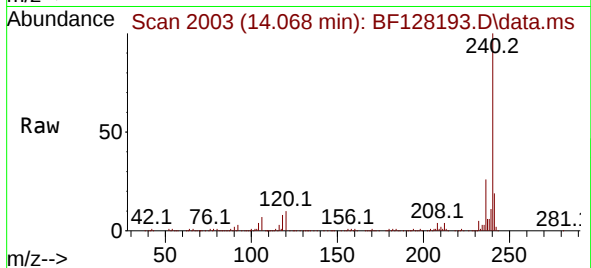




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF128193.D
Acq: 11 May 2022 14:20

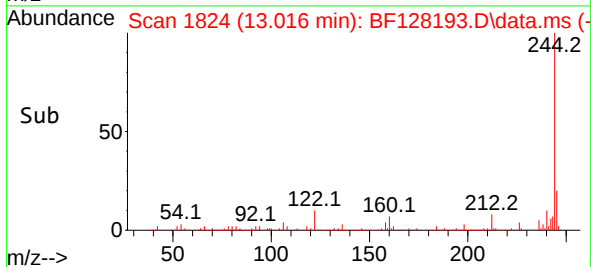
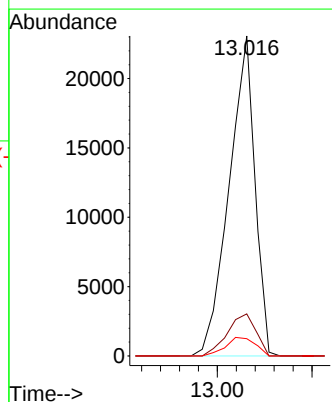
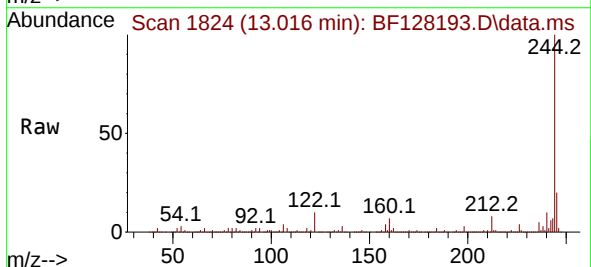
Instrument :
BNA_F
ClientSampleId :
PB144740BL

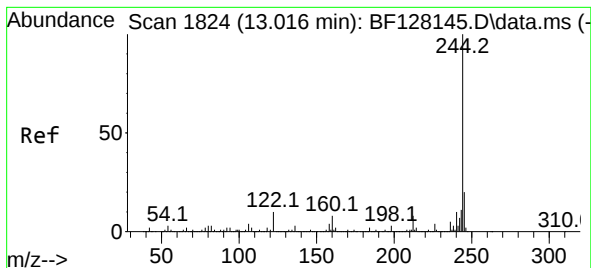
Tgt Ion:240 Resp: 334558
Ion Ratio Lower Upper
240 100
120 9.6 7.0 10.6
236 25.6 20.3 30.5



#77
Benzidine
Concen: 3.016 ng
RT: 13.016 min Scan# 1824
Delta R.T. 0.247 min
Lab File: BF128193.D
Acq: 11 May 2022 14:20

Tgt Ion:184 Resp: 21852
Ion Ratio Lower Upper
184 100
185 13.2 12.1 18.1
183 5.4 9.0 13.4





#79

Terphenyl-d14

Concen: 85.272 ng

RT: 13.016 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF128193.D

Acq: 11 May 2022 14:20

Instrument :

BNA_F

ClientSampleId :

PB144740BL

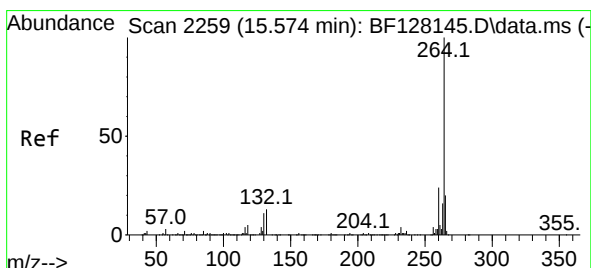
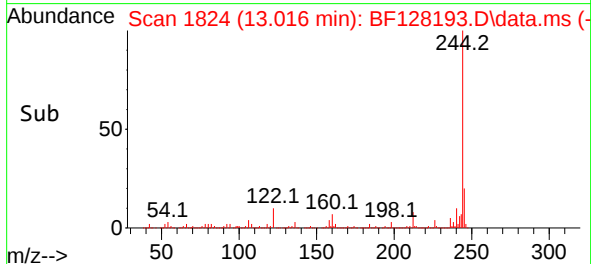
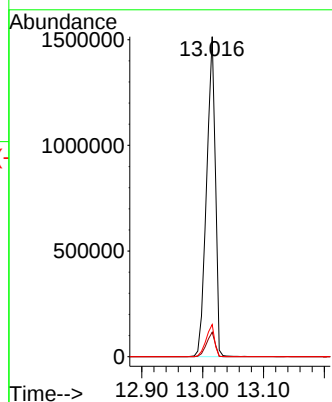
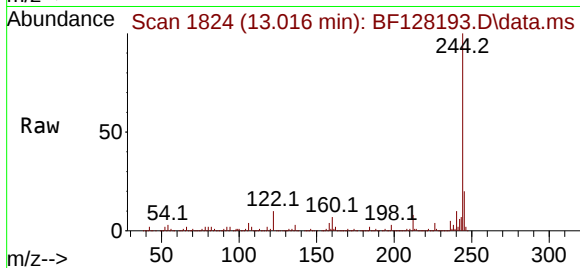
Tgt Ion:244 Resp: 1520367

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.4

122 10.0 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF128193.D

Acq: 11 May 2022 14:20

Tgt Ion:264 Resp: 269431

Ion Ratio Lower Upper

264 100

260 23.1 20.1 30.1

265 21.5 17.5 26.3

