

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
 Data File : BF128157.D
 Acq On : 10 May 2022 10:54
 Operator : CG\JU
 Sample : PB144493BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144493BL

Quant Time: May 11 03:59:52 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)

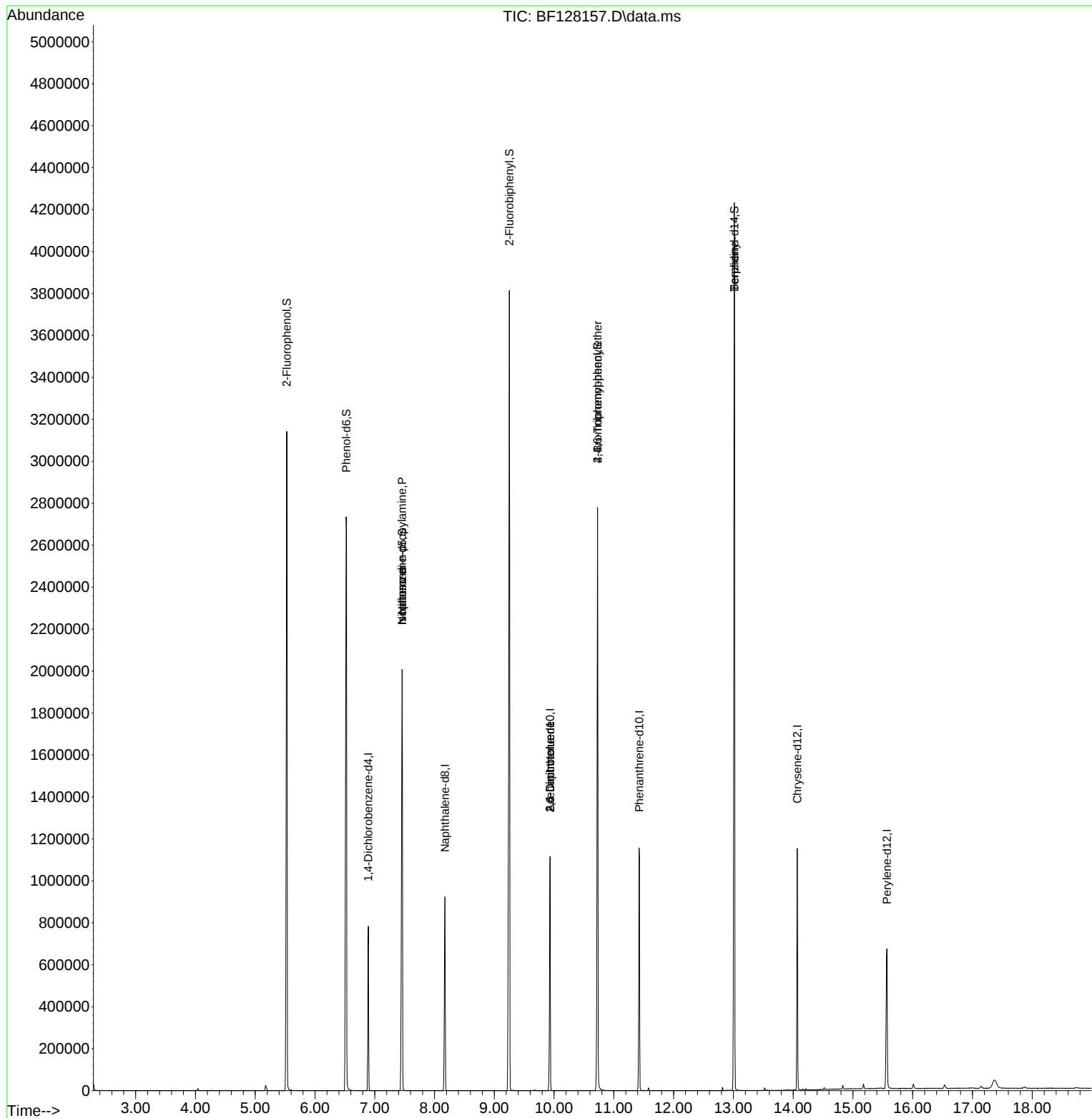
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	109810	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	431537	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	247236	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	459402	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	371873	20.000	ng	-0.01
86) Perylene-d12	15.568	264	322470	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	890743	129.311	ng	0.01
7) Phenol-d6	6.522	99	1174858	128.950	ng	0.00
23) Nitrobenzene-d5	7.457	82	847820	88.403	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	365042	128.740	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1410772	89.284	ng	0.00
79) Terphenyl-d14	13.015	244	1713642	86.468	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.528	77	2319	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.457	70	115382	20.564	ng	# 80
25) Isophorone	7.457	82	845359	56.224	ng	# 68
51) 2,6-Dinitrotoluene	9.933	165	32145	9.185	ng	# 21
57) 2,4-Dinitrotoluene	9.933	165	32145	6.869	ng	# 26
67) 4-Bromophenyl-phenylether	10.727	248	21830	4.417	ng	# 1
77) Benzydine	13.015	184	24833	3.083	ng	# 92

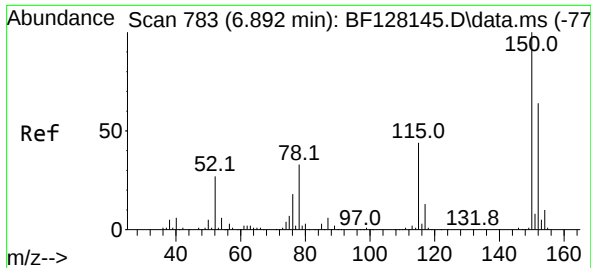
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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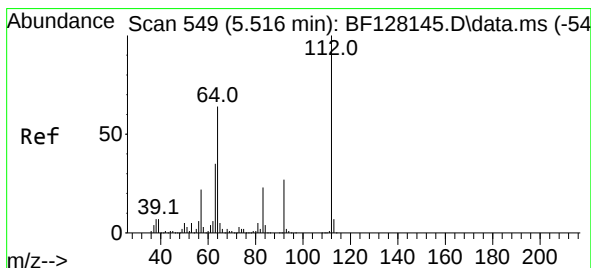
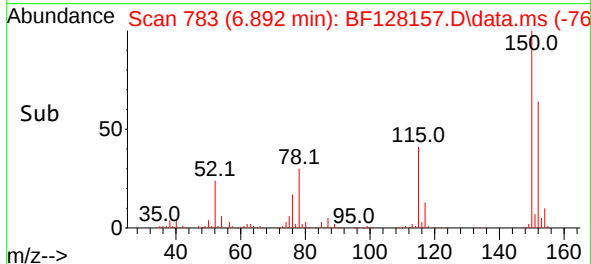
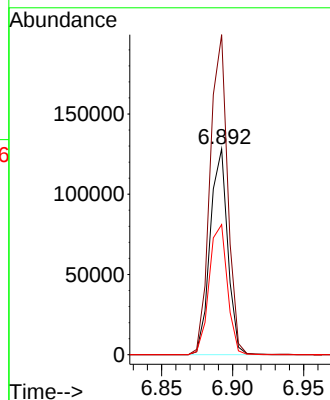
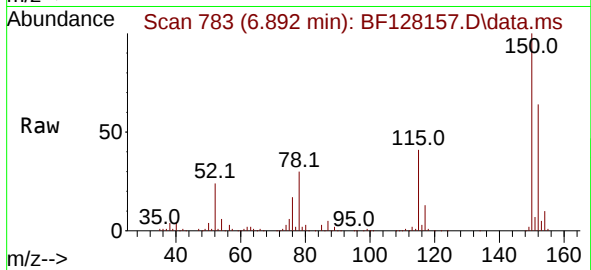




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128157.D
Acq: 10 May 2022 10:54

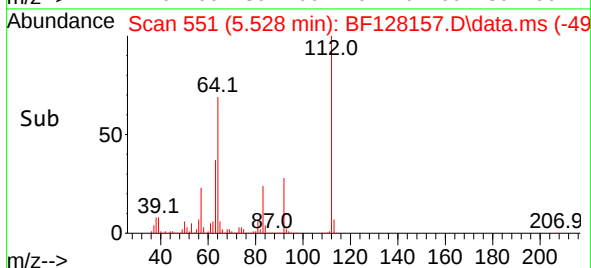
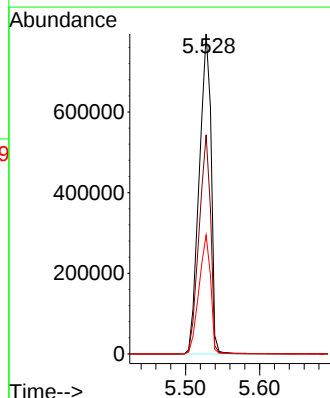
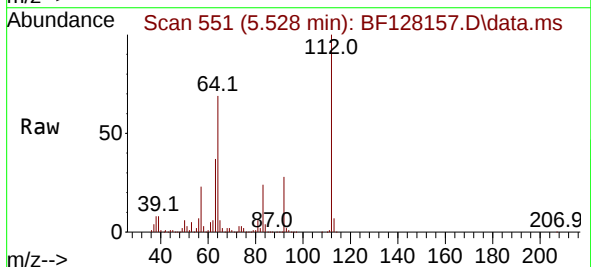
Instrument :
BNA_F
ClientSampleId :
PB144493BL

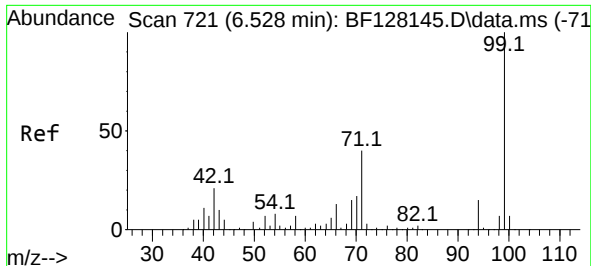
Tgt Ion:152 Resp: 109810
Ion Ratio Lower Upper
152 100
150 155.5 125.3 187.9
115 63.2 48.8 73.2



#5
2-Fluorophenol
Concen: 129.311 ng
RT: 5.528 min Scan# 551
Delta R.T. 0.012 min
Lab File: BF128157.D
Acq: 10 May 2022 10:54

Tgt Ion:112 Resp: 890743
Ion Ratio Lower Upper
112 100
64 68.5 49.5 74.3
63 37.2 26.3 39.5

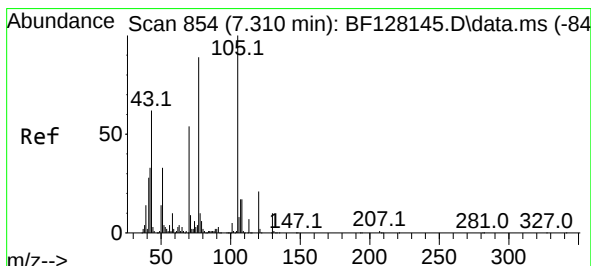
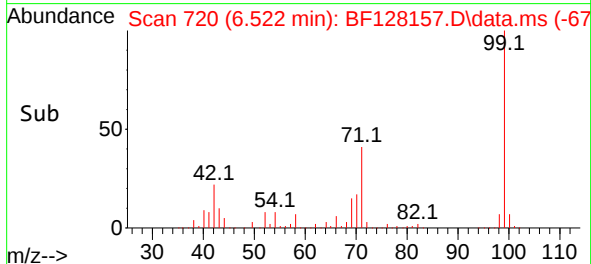
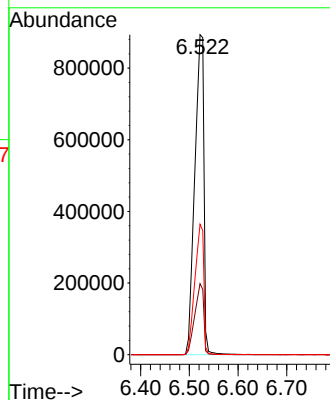
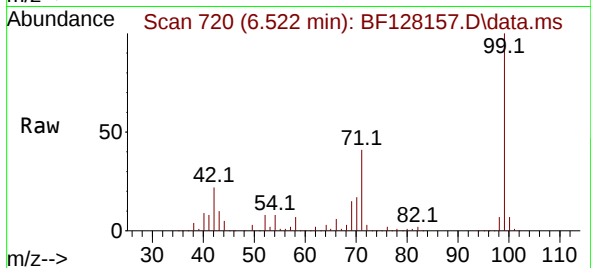




#7
Phenol-d6
Concen: 128.950 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128157.D
Acq: 10 May 2022 10:54

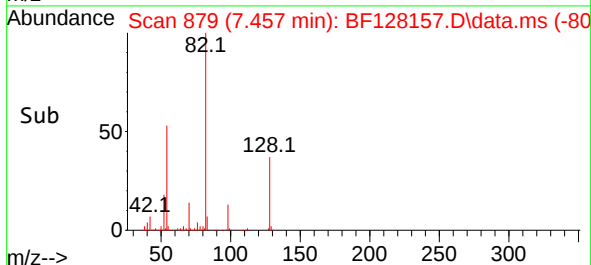
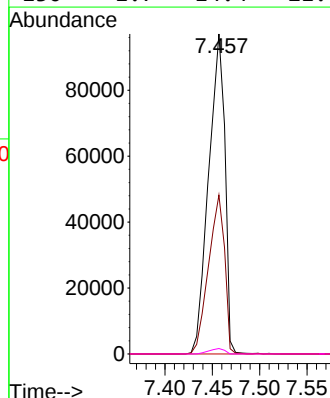
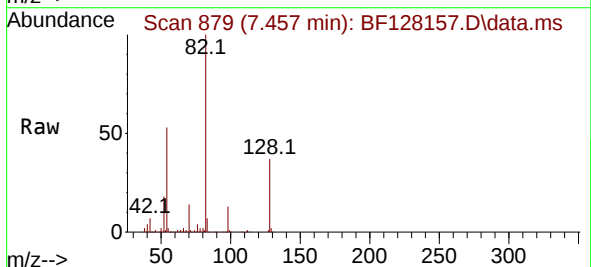
Instrument :
BNA_F
ClientSampleId :
PB144493BL

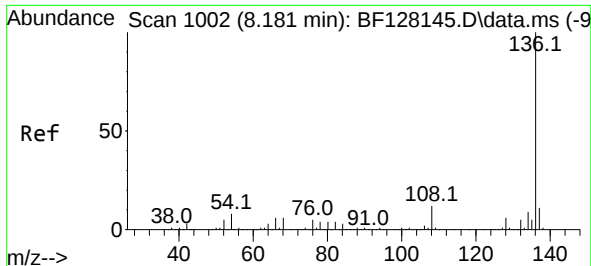
Tgt Ion: 99 Resp: 1174858
Ion Ratio Lower Upper
99 100
42 22.2 16.6 24.8
71 40.8 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.564 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF128157.D
Acq: 10 May 2022 10:54

Tgt Ion: 70 Resp: 115382
Ion Ratio Lower Upper
70 100
42 49.6 48.7 73.1
101 0.0 7.2 10.8#
130 1.7 14.4 21.6#



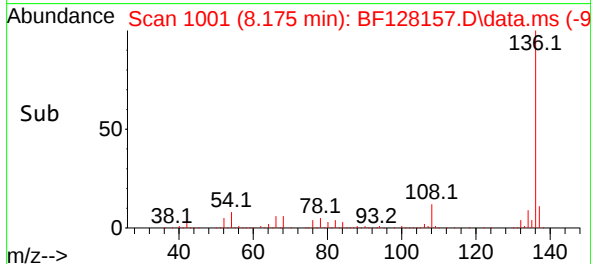
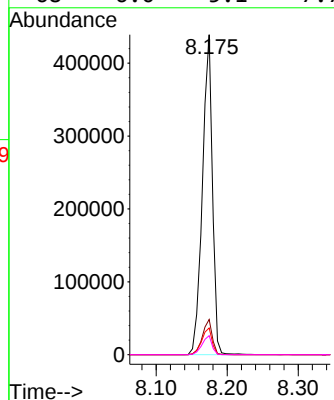
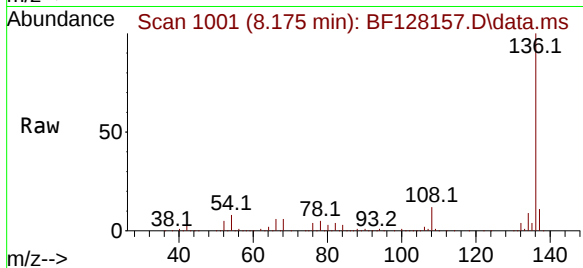


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128157.D
Acq: 10 May 2022 10:54

Instrument :
BNA_F
ClientSampleId :
PB144493BL

Tgt Ion:136 Resp: 431537

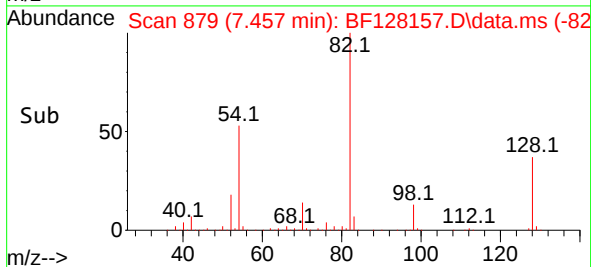
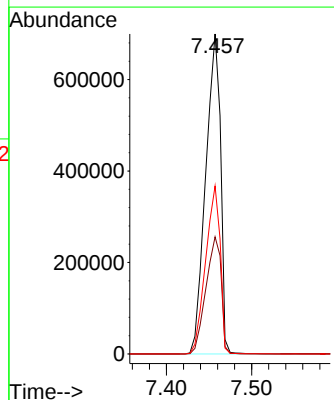
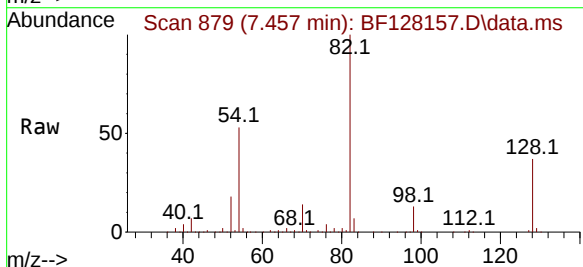
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.3	6.8	10.2
68	6.0	5.1	7.7



#23
Nitrobenzene-d5
Concen: 88.403 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF128157.D
Acq: 10 May 2022 10:54

Tgt Ion: 82 Resp: 847820

Ion	Ratio	Lower	Upper
82	100		
128	36.6	30.0	45.0
54	52.5	41.3	61.9

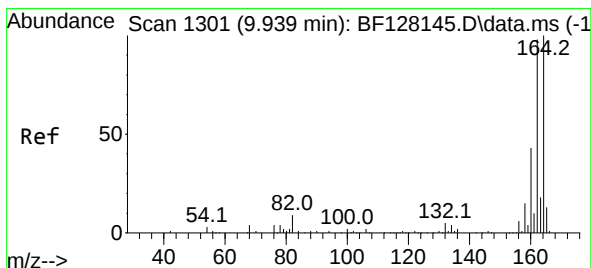
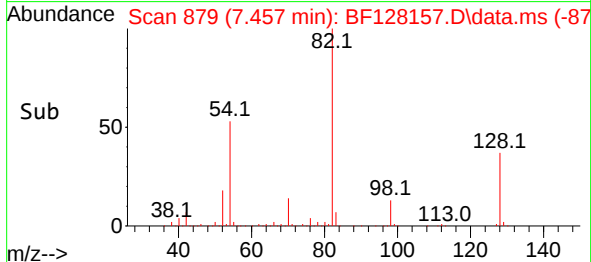
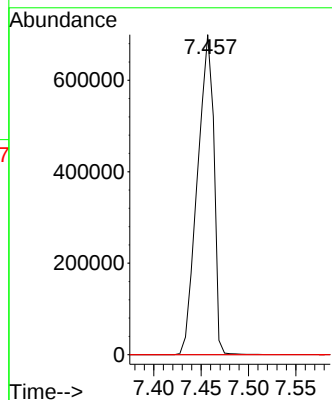
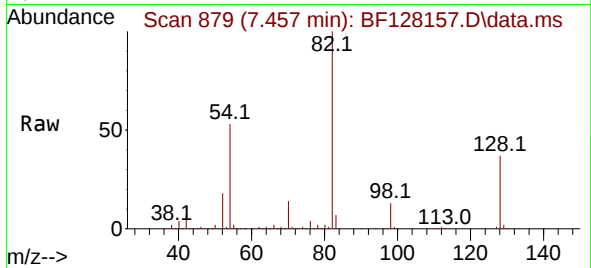




#25
Isophorone
Concen: 56.224 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128157.D
Acq: 10 May 2022 10:54

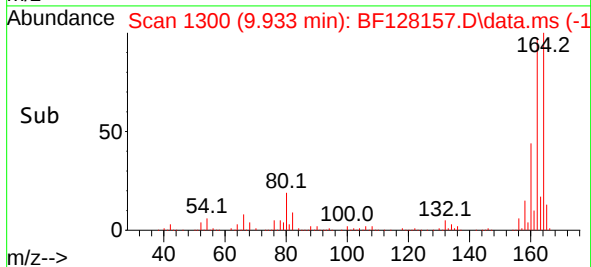
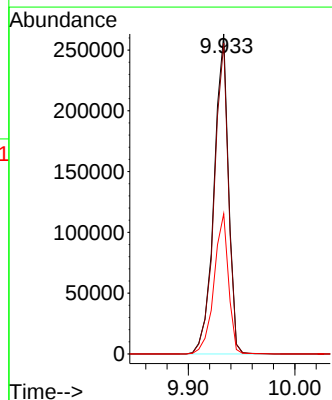
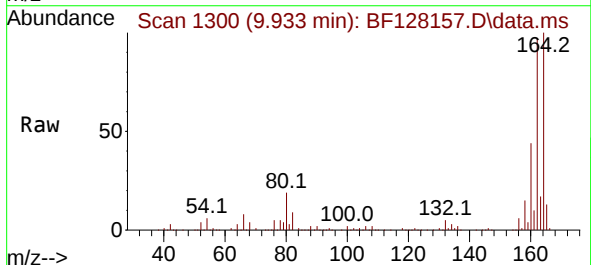
Instrument :
BNA_F
ClientSampleId :
PB144493BL

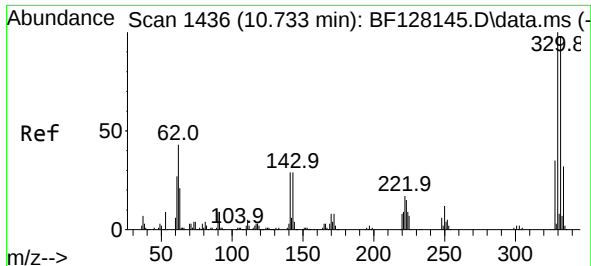
Tgt Ion: 82 Resp: 845359
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF128157.D
Acq: 10 May 2022 10:54

Tgt Ion:164 Resp: 247236
Ion Ratio Lower Upper
164 100
162 97.1 76.0 114.0
160 43.8 34.8 52.2

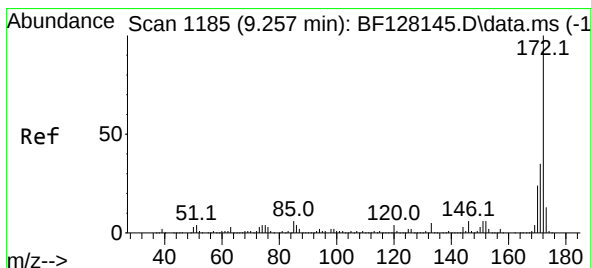
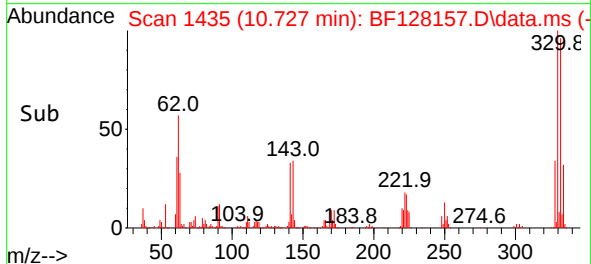
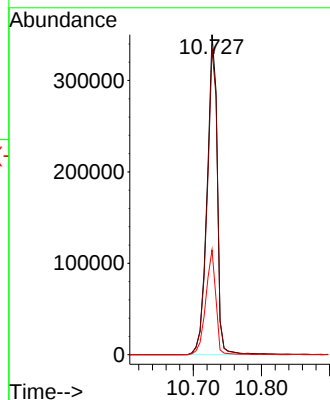
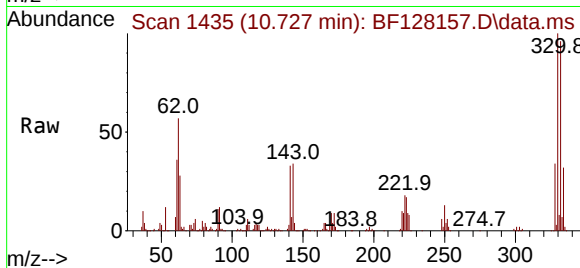




#42
2,4,6-Tribromophenol
Concen: 128.740 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF128157.D
Acq: 10 May 2022 10:54

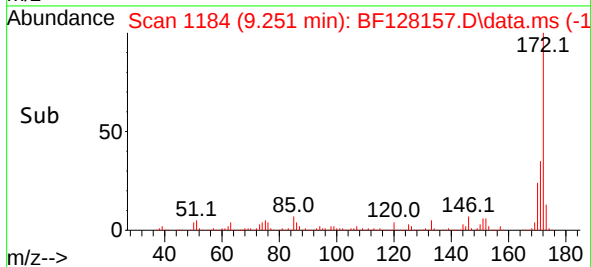
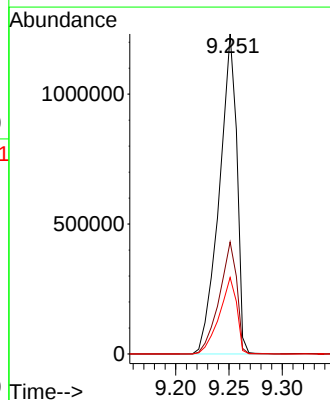
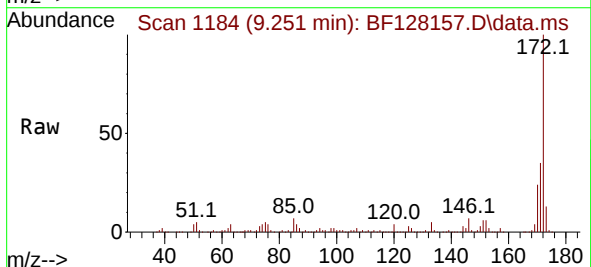
Instrument :
BNA_F
ClientSampleId :
PB144493BL

Tgt Ion:330 Resp: 365042
Ion Ratio Lower Upper
330 100
332 96.5 79.0 118.4
141 32.2 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 89.284 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF128157.D
Acq: 10 May 2022 10:54

Tgt Ion:172 Resp: 1410772
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 23.9 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.185 ng

RT: 9.933 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF128157.D

Acq: 10 May 2022 10:54

Instrument :

BNA_F

ClientSampleId :

PB144493BL

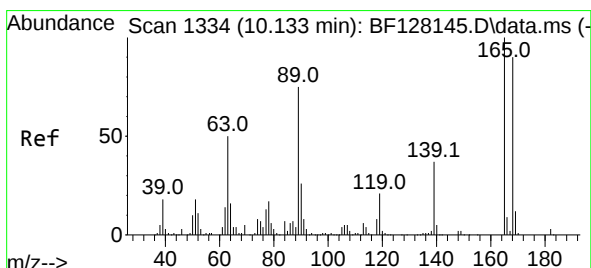
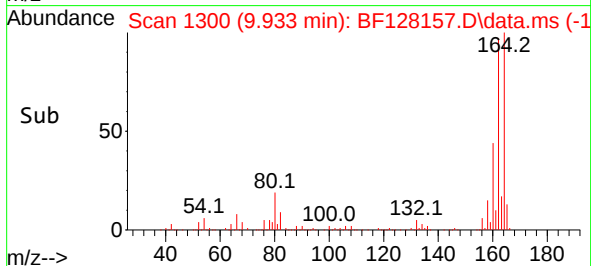
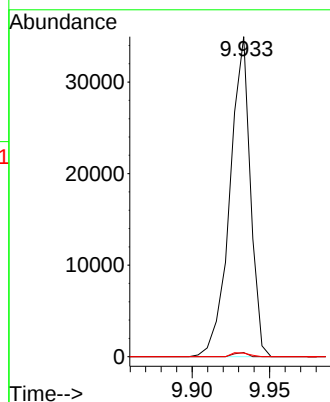
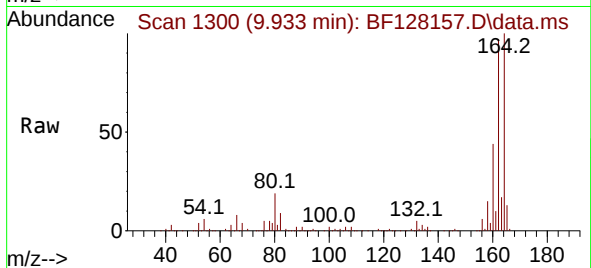
Tgt Ion:165 Resp: 32145

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: 6.869 ng

RT: 9.933 min Scan# 1300

Delta R.T. -0.200 min

Lab File: BF128157.D

Acq: 10 May 2022 10:54

Tgt Ion:165 Resp: 32145

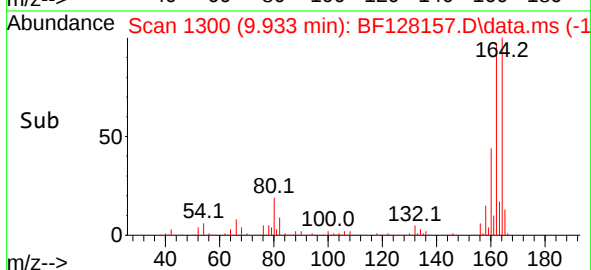
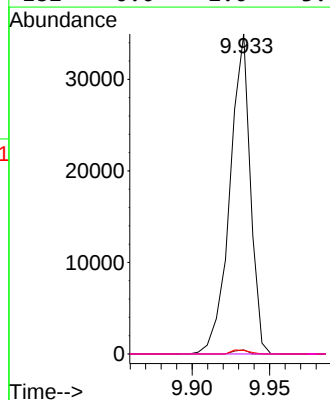
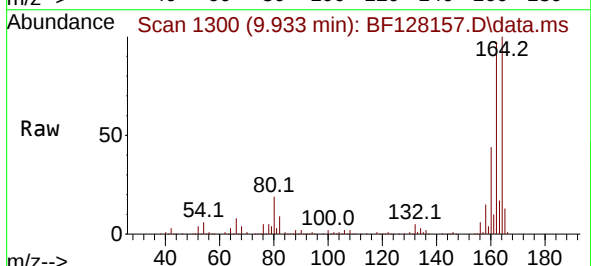
Ion Ratio Lower Upper

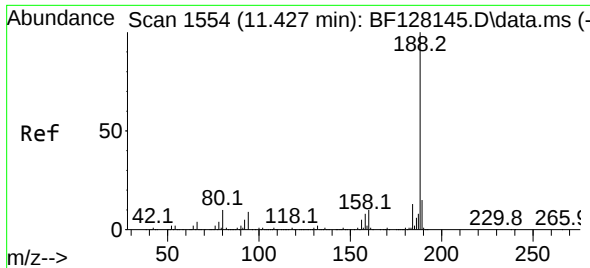
165 100

63 1.3 32.6 49.0#

89 1.1 55.2 82.8#

182 0.0 2.0 3.0#

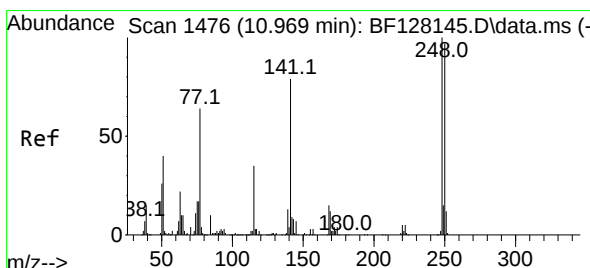
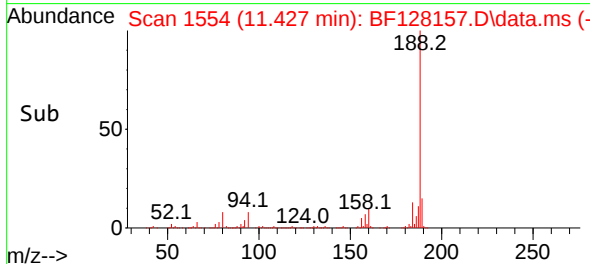
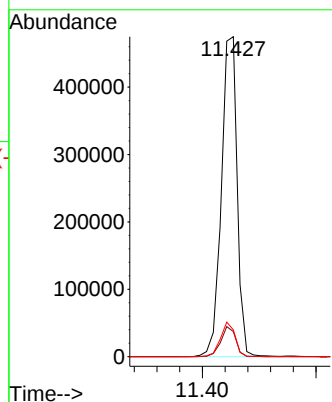
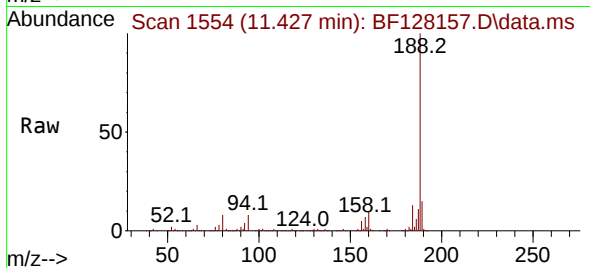




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128157.D
Acq: 10 May 2022 10:54

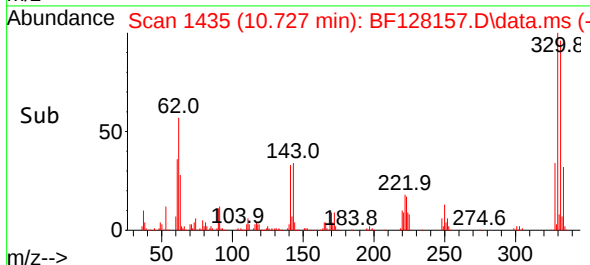
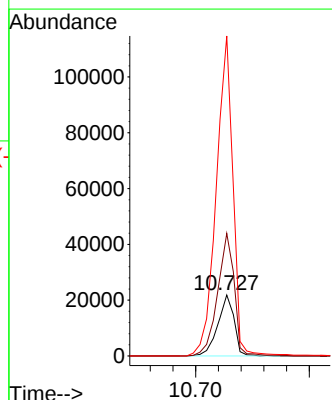
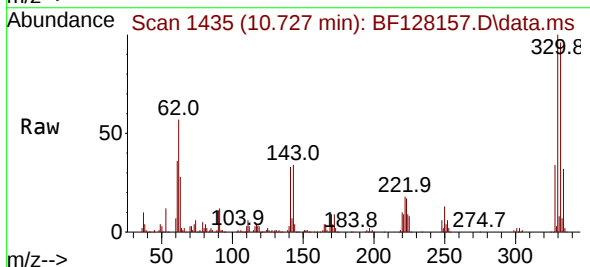
Instrument :
BNA_F
ClientSampleId :
PB144493BL

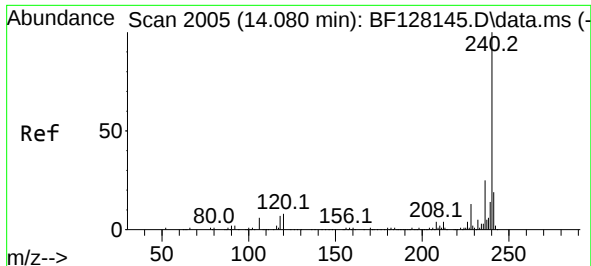
Tgt Ion:188 Resp: 459402
Ion Ratio Lower Upper
188 100
94 7.9 8.0 12.0#
80 8.4 8.9 13.3#



#67
4-Bromophenyl-phenylether
Concen: 4.417 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.241 min
Lab File: BF128157.D
Acq: 10 May 2022 10:54

Tgt Ion:248 Resp: 21830
Ion Ratio Lower Upper
248 100
250 200.9 77.7 116.5#
141 524.2 65.6 98.4#

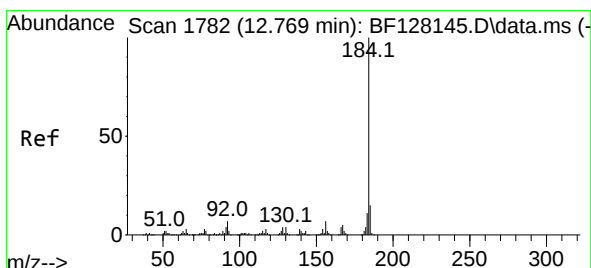
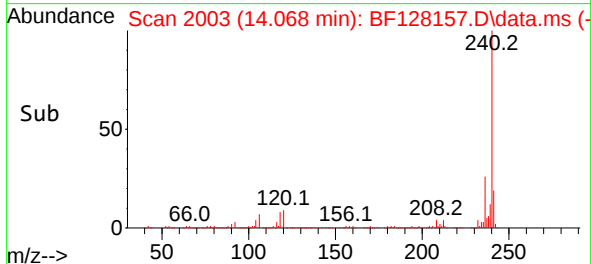
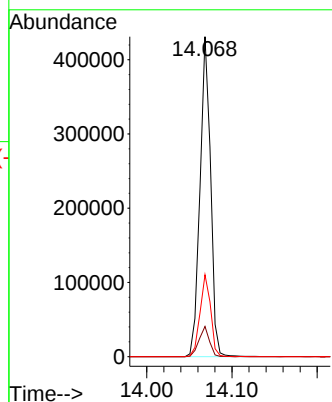
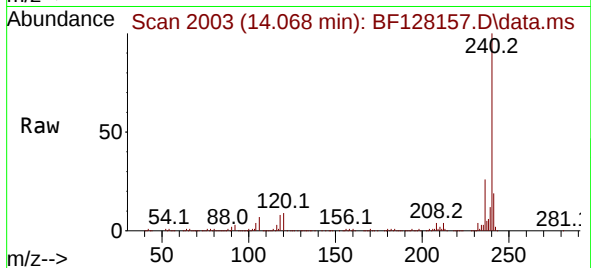




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF128157.D
Acq: 10 May 2022 10:54

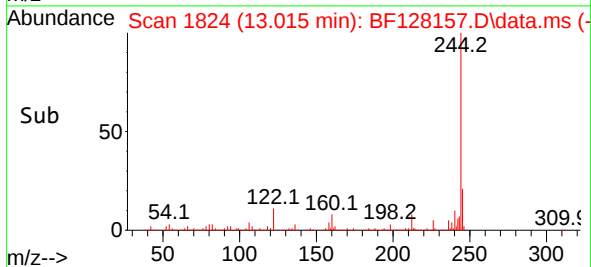
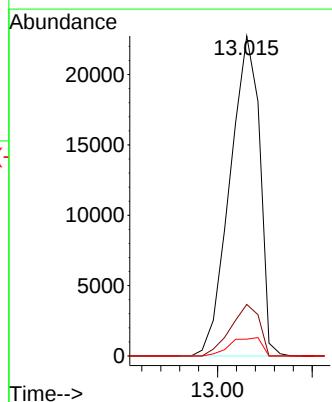
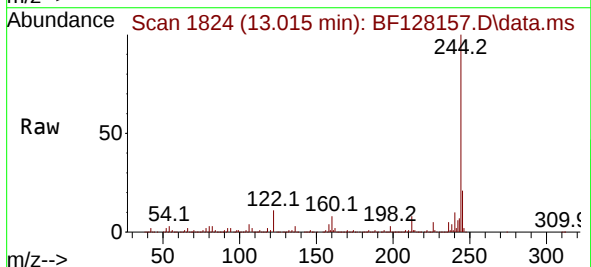
Instrument :
BNA_F
ClientSampleId :
PB144493BL

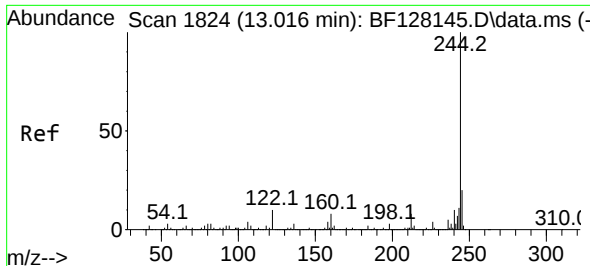
Tgt Ion:240 Resp: 371873
Ion Ratio Lower Upper
240 100
120 9.5 7.0 10.6
236 25.6 20.3 30.5



#77
Benzidine
Concen: 3.083 ng
RT: 13.015 min Scan# 1824
Delta R.T. 0.247 min
Lab File: BF128157.D
Acq: 10 May 2022 10:54

Tgt Ion:184 Resp: 24833
Ion Ratio Lower Upper
184 100
185 16.1 12.1 18.1
183 5.3 9.0 13.4#

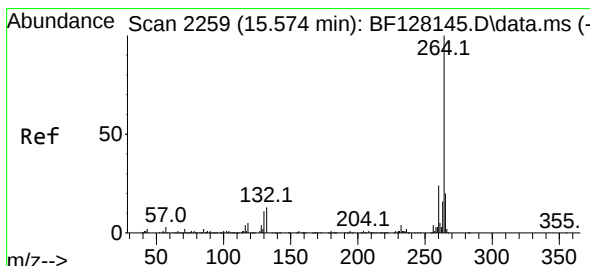
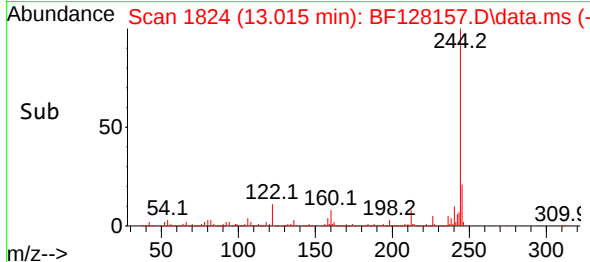
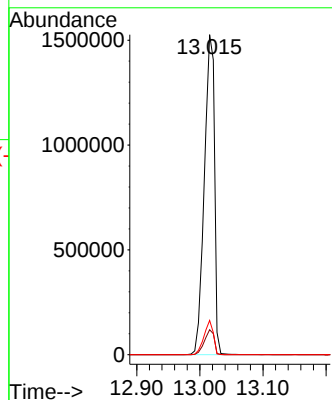
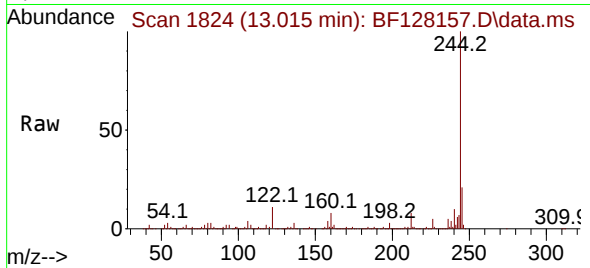




#79
 Terphenyl-d14
 Concen: 86.468 ng
 RT: 13.015 min Scan# 1824
 Delta R.T. -0.000 min
 Lab File: BF128157.D
 Acq: 10 May 2022 10:54

Instrument :
 BNA_F
 ClientSampleId :
 PB144493BL

Tgt Ion:244 Resp: 1713642
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.4
 122 10.7 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: BF128157.D
 Acq: 10 May 2022 10:54

Tgt Ion:264 Resp: 322470
 Ion Ratio Lower Upper
 264 100
 260 23.6 20.1 30.1
 265 21.3 17.5 26.3

