

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
 Data File : BF128188.D
 Acq On : 11 May 2022 11:33
 Operator : CG\JU
 Sample : PB144653TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144653TB

Quant Time: May 12 05:59:01 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)

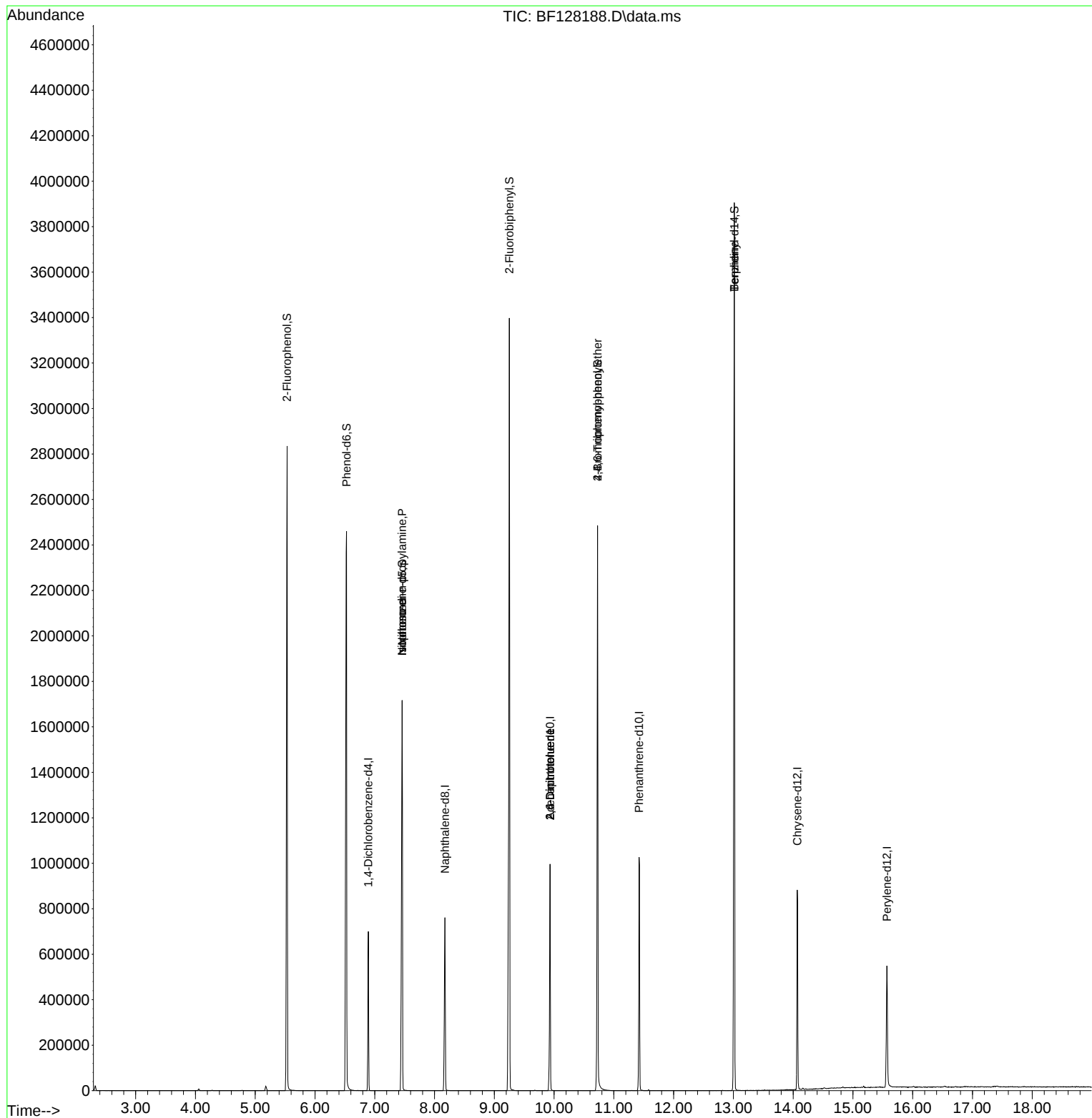
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	95012	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	377058	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	218531	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	407794	20.000	ng	0.00
76) Chrysene-d12	14.068	240	323097	20.000	ng	-0.01
86) Perylene-d12	15.568	264	265282	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	756837	126.984	ng	0.02
7) Phenol-d6	6.528	99	993459	126.023	ng	0.00
23) Nitrobenzene-d5	7.457	82	724036	86.404	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	312658	124.750	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1205916	86.344	ng	0.00
79) Terphenyl-d14	13.015	244	1489558	86.507	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.528	77	1765	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.457	70	97501	20.084	ng	# 81
25) Isophorone	7.457	82	720526	54.845	ng	# 68
51) 2,6-Dinitrotoluene	9.933	165	27712	8.958	ng	# 21
57) 2,4-Dinitrotoluene	9.933	165	27712	6.699	ng	# 25
67) 4-Bromophenyl-phenylether	10.727	248	19050	4.342	ng	# 1
77) Benizidine	13.015	184	21118	3.018	ng	# 90

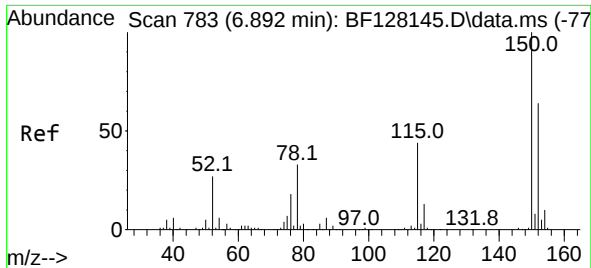
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
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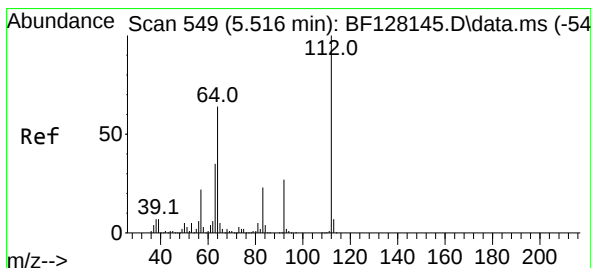
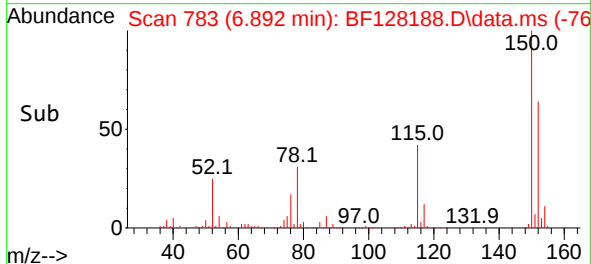
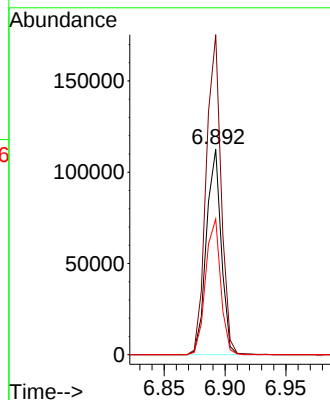
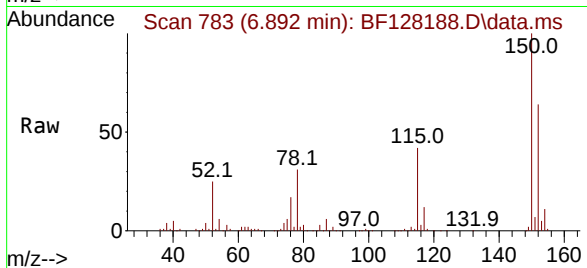




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF128188.D
 Acq: 11 May 2022 11:33

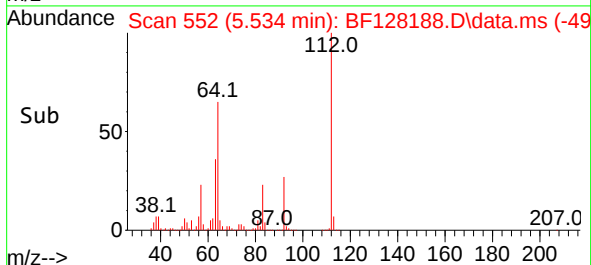
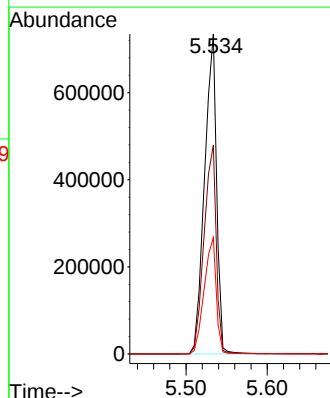
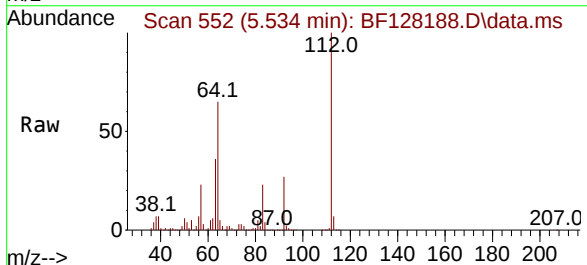
Instrument :
 BNA_F
 ClientSampleId :
 PB144653TB

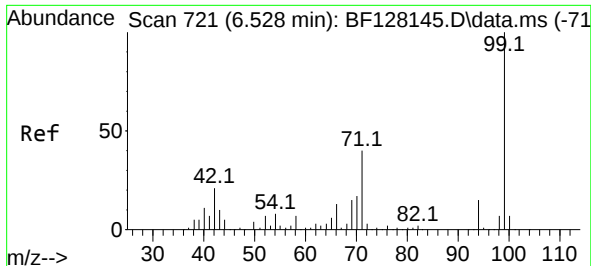
Tgt Ion:152 Resp: 95012
 Ion Ratio Lower Upper
 152 100
 150 155.7 125.3 187.9
 115 66.0 48.8 73.2



#5
 2-Fluorophenol
 Concen: 126.984 ng
 RT: 5.534 min Scan# 552
 Delta R.T. 0.017 min
 Lab File: BF128188.D
 Acq: 11 May 2022 11:33

Tgt Ion:112 Resp: 756837
 Ion Ratio Lower Upper
 112 100
 64 65.2 49.5 74.3
 63 36.3 26.3 39.5

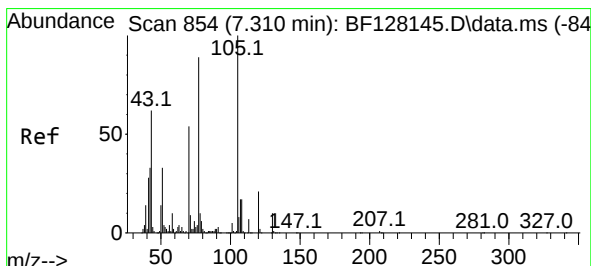
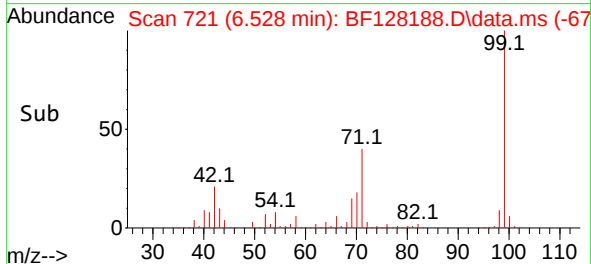
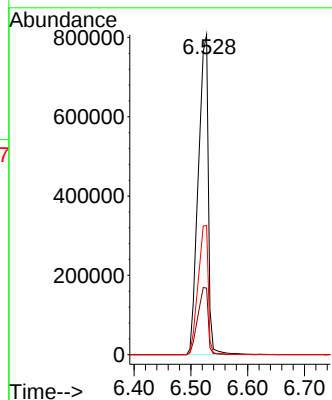
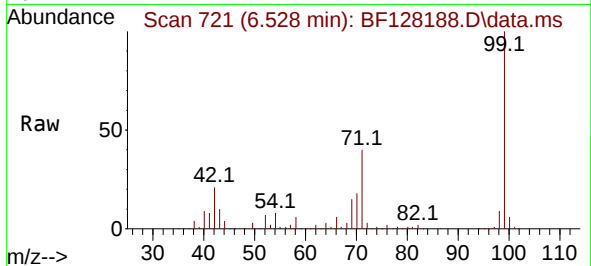




#7
Phenol-d6
Concen: 126.023 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128188.D
Acq: 11 May 2022 11:33

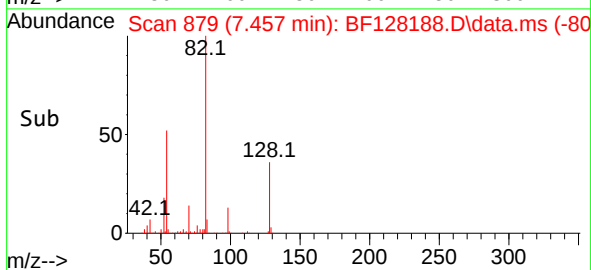
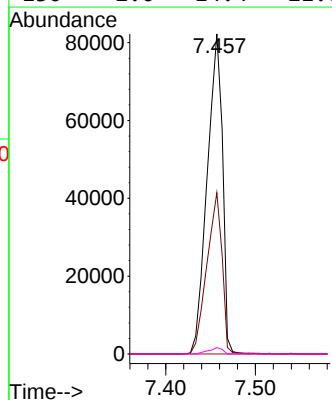
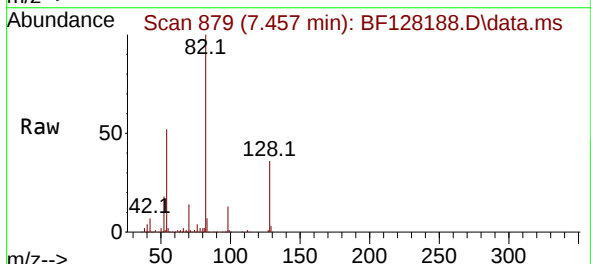
Instrument :
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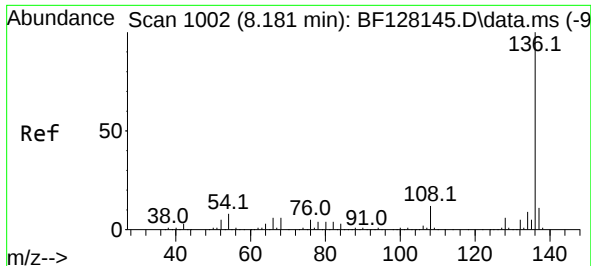
Tgt Ion: 99 Resp: 993459
Ion Ratio Lower Upper
99 100
42 20.8 16.6 24.8
71 40.4 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.084 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF128188.D
Acq: 11 May 2022 11:33

Tgt Ion: 70 Resp: 97501
Ion Ratio Lower Upper
70 100
42 50.4 48.7 73.1
101 0.0 7.2 10.8#
130 2.0 14.4 21.6#

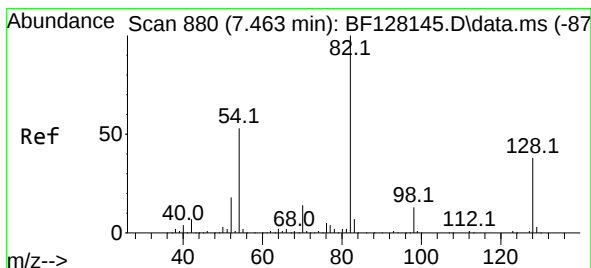
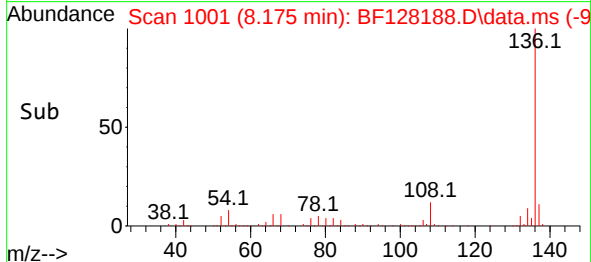
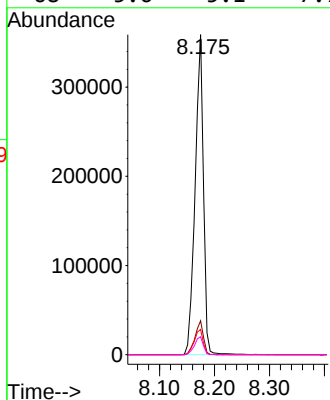
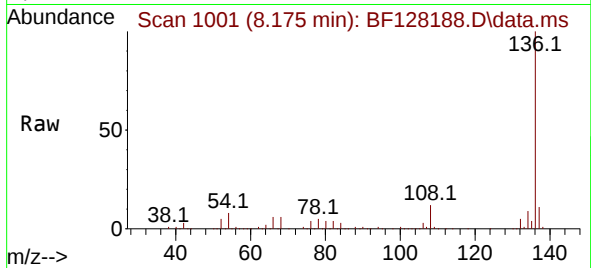




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128188.D
Acq: 11 May 2022 11:33

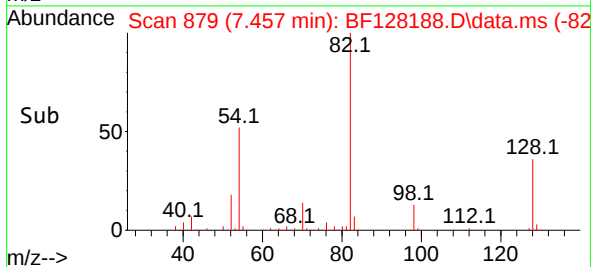
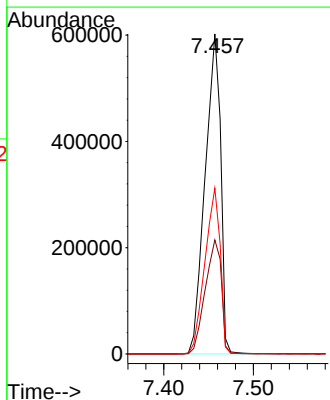
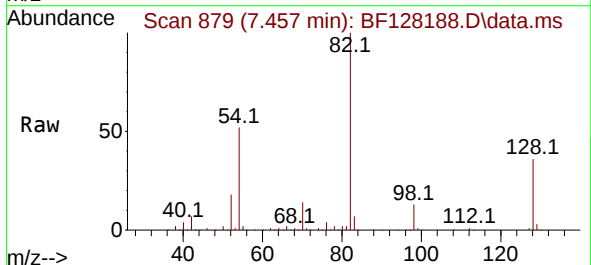
Instrument :
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ClientSampleId :
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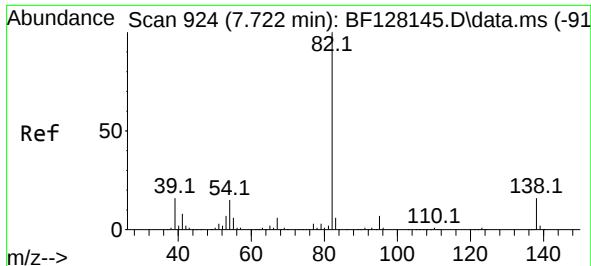
Tgt Ion:	136	Resp:	377058
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	7.9	6.8	10.2
68	5.6	5.1	7.7



#23
Nitrobenzene-d5
Concen: 86.404 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF128188.D
Acq: 11 May 2022 11:33

Tgt Ion:	82	Resp:	724036
Ion	Ratio	Lower	Upper
82	100		
128	35.7	30.0	45.0
54	51.8	41.3	61.9

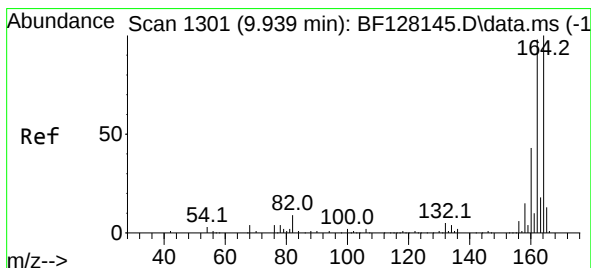
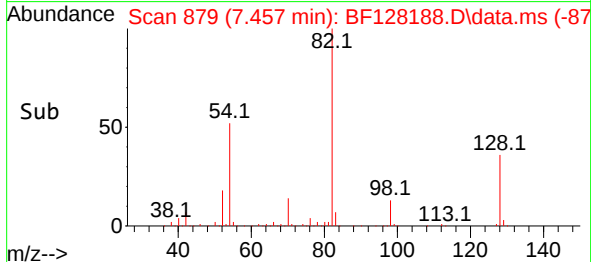
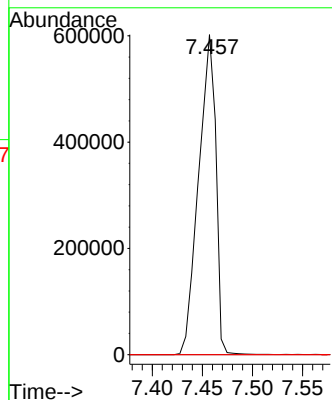
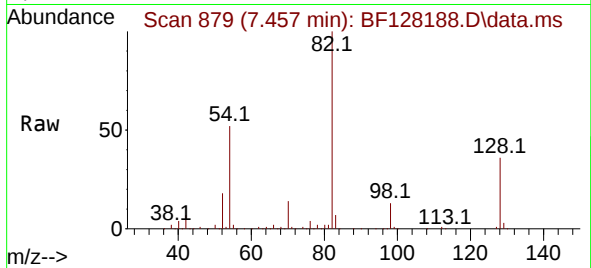




#25
Isophorone
Concen: 54.845 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128188.D
Acq: 11 May 2022 11:33

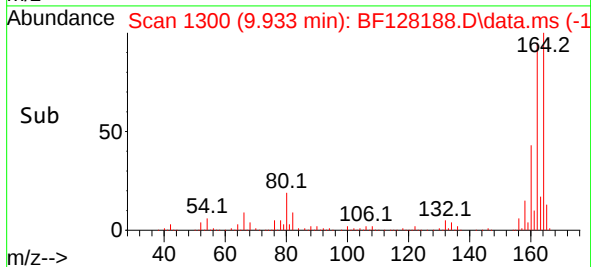
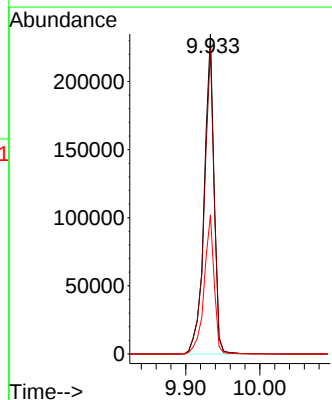
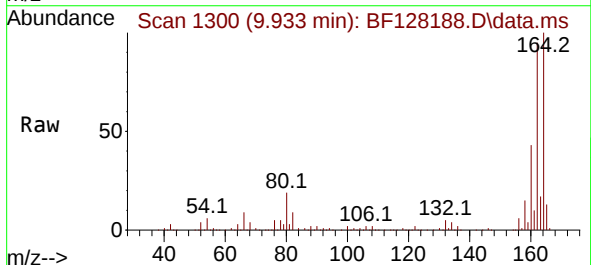
Instrument :
BNA_F
ClientSampleId :
PB144653TB

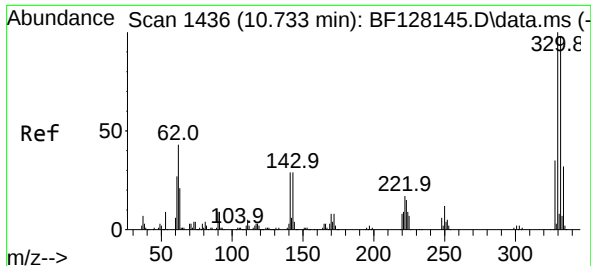
Tgt Ion: 82 Resp: 720526
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF128188.D
Acq: 11 May 2022 11:33

Tgt Ion:164 Resp: 218531
Ion Ratio Lower Upper
164 100
162 95.5 76.0 114.0
160 43.5 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 124.750 ng

RT: 10.727 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF128188.D

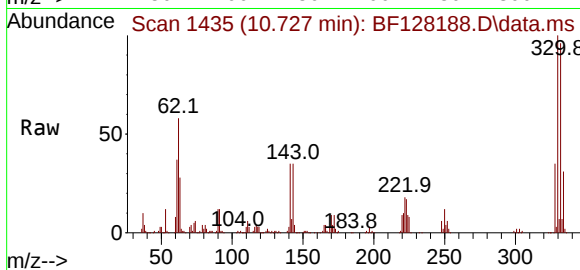
Acq: 11 May 2022 11:33

Instrument :

BNA_F

ClientSampleId :

PB144653TB



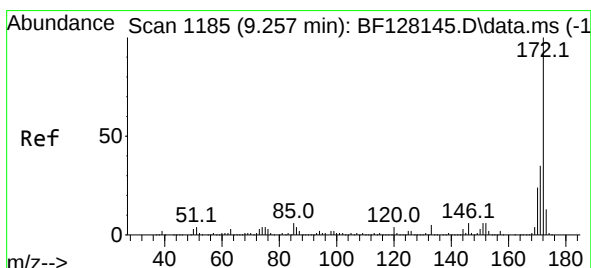
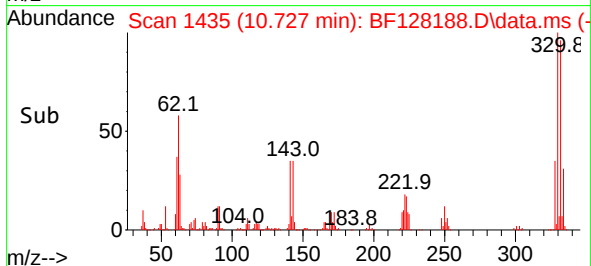
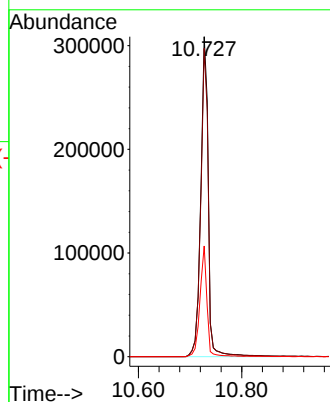
Tgt Ion:330 Resp: 312658

Ion Ratio Lower Upper

330 100

332 96.4 79.0 118.4

141 32.4 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 86.344 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF128188.D

Acq: 11 May 2022 11:33

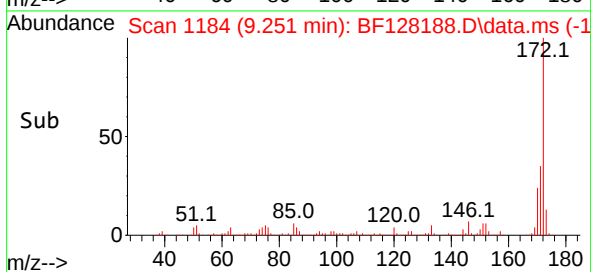
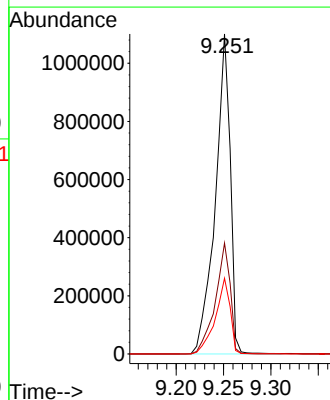
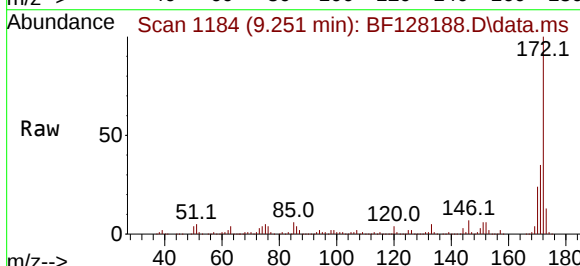
Tgt Ion:172 Resp: 1205916

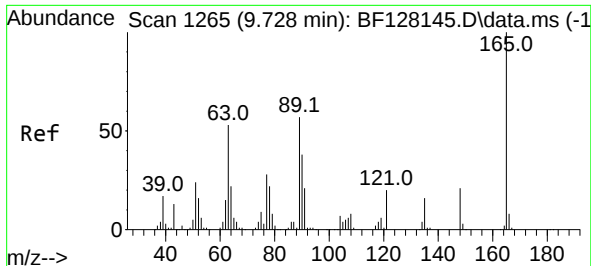
Ion Ratio Lower Upper

172 100

171 34.7 28.6 42.8

170 23.7 19.1 28.7

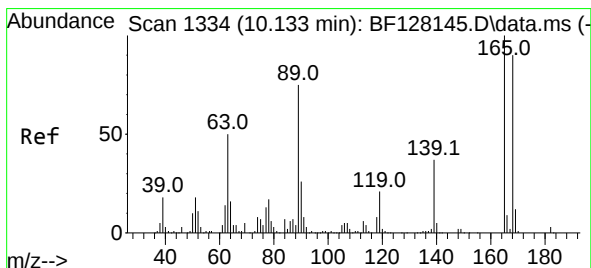
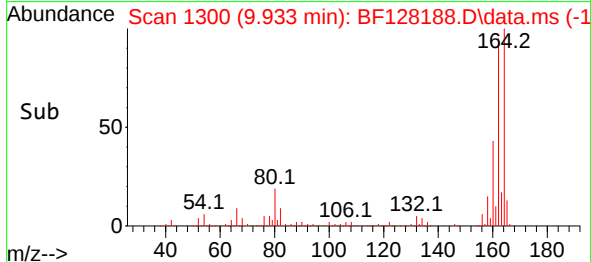
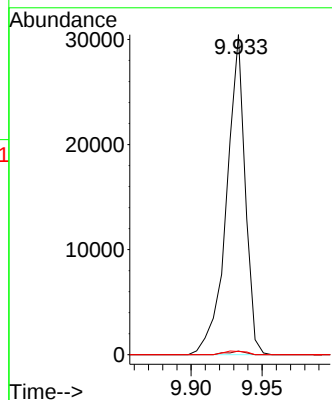
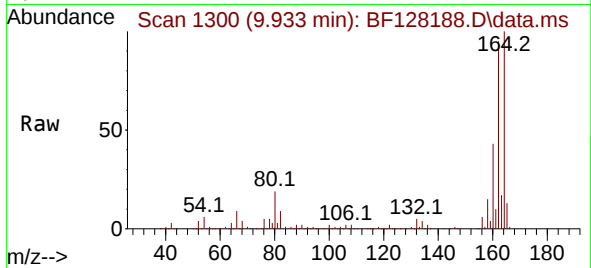




#51
2,6-Dinitrotoluene
Concen: 8.958 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128188.D
Acq: 11 May 2022 11:33

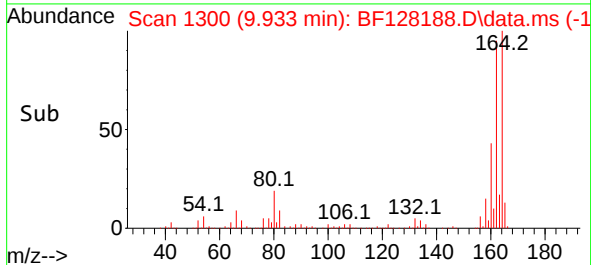
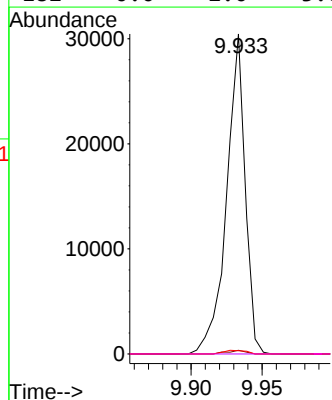
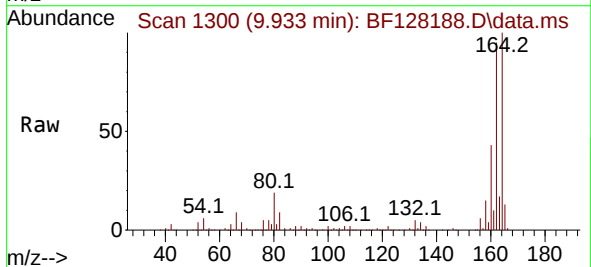
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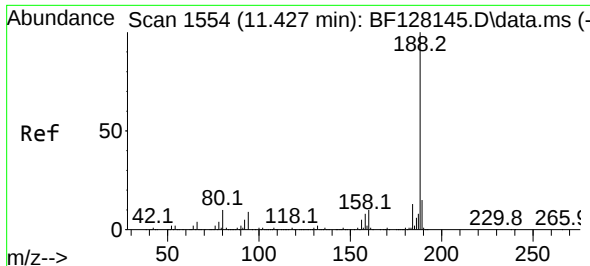
Tgt Ion:165 Resp: 27712
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.0 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.699 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.200 min
Lab File: BF128188.D
Acq: 11 May 2022 11:33

Tgt Ion:165 Resp: 27712
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.0 55.2 82.8#
182 0.0 2.0 3.0#

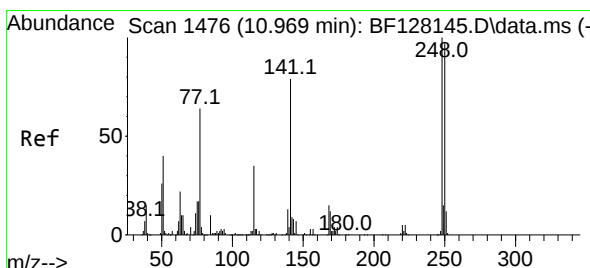
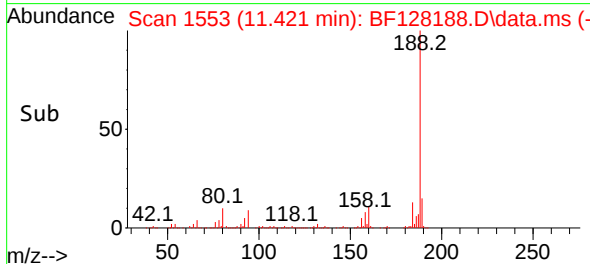
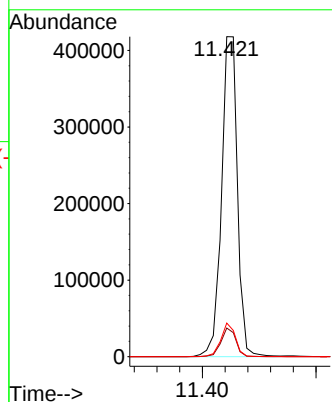
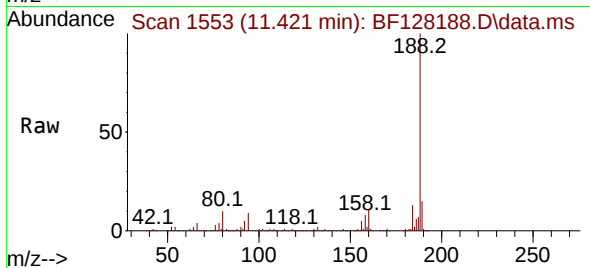




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128188.D
Acq: 11 May 2022 11:33

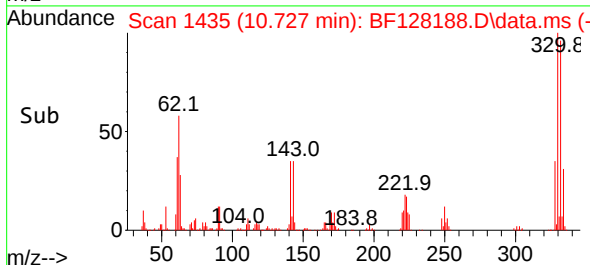
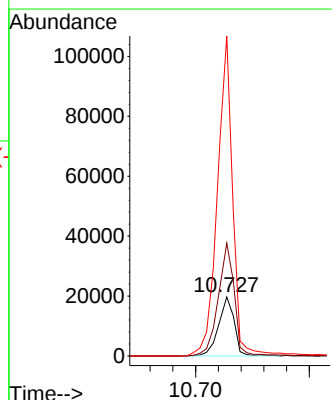
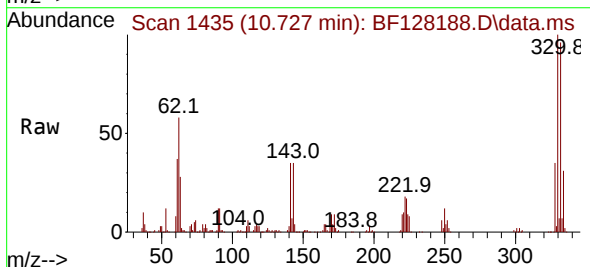
Instrument :
BNA_F
ClientSampleId :
PB144653TB

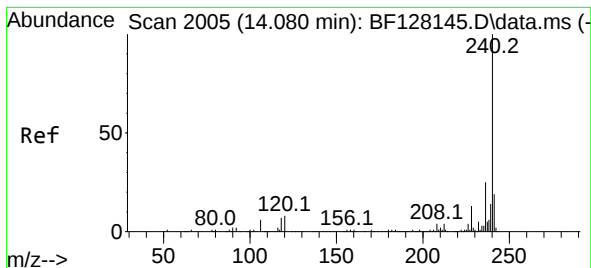
Tgt Ion:188 Resp: 407794
Ion Ratio Lower Upper
188 100
94 9.0 8.0 12.0
80 10.5 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.342 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.241 min
Lab File: BF128188.D
Acq: 11 May 2022 11:33

Tgt Ion:248 Resp: 19050
Ion Ratio Lower Upper
248 100
250 191.1 77.7 116.5#
141 542.2 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: BF128188.D

Acq: 11 May 2022 11:33

Instrument :

BNA_F

ClientSampleId :

PB144653TB

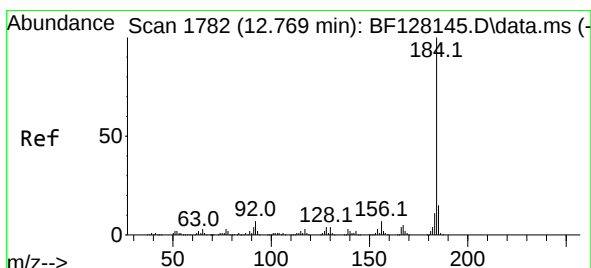
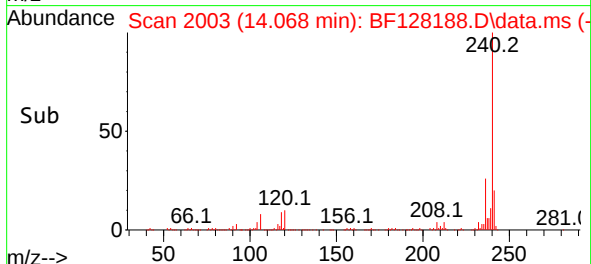
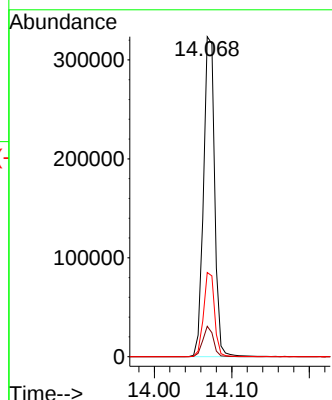
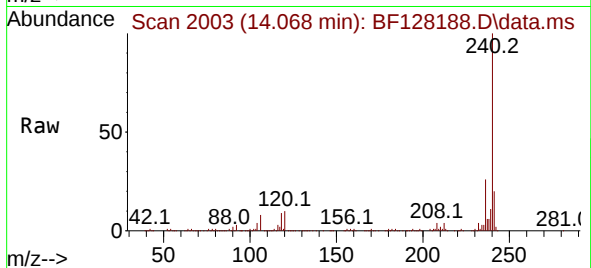
Tgt Ion:240 Resp: 323097

Ion Ratio Lower Upper

240 100

120 9.5 7.0 10.6

236 26.3 20.3 30.5



#77

Benzdine

Concen: 3.018 ng

RT: 13.015 min Scan# 1824

Delta R.T. 0.247 min

Lab File: BF128188.D

Acq: 11 May 2022 11:33

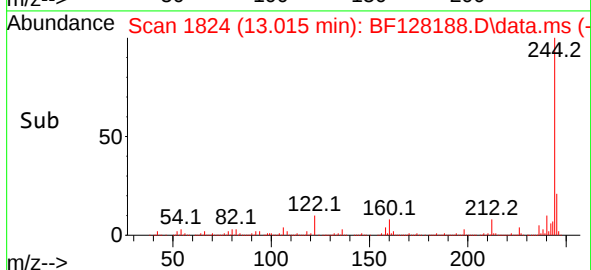
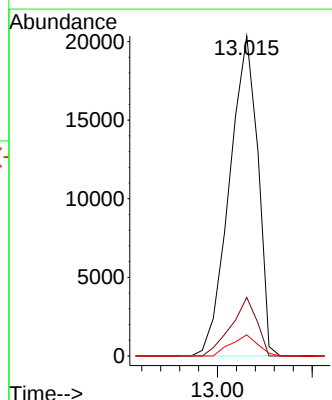
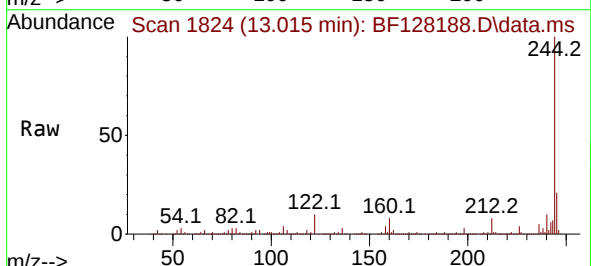
Tgt Ion:184 Resp: 21118

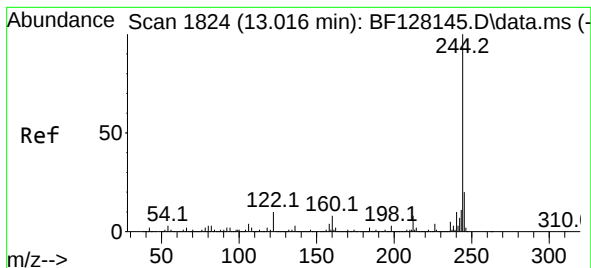
Ion Ratio Lower Upper

184 100

185 18.3 12.1 18.1#

183 6.6 9.0 13.4#





#79

Terphenyl-d14

Concen: 86.507 ng

RT: 13.015 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF128188.D

Acq: 11 May 2022 11:33

Instrument :

BNA_F

ClientSampleId :

PB144653TB

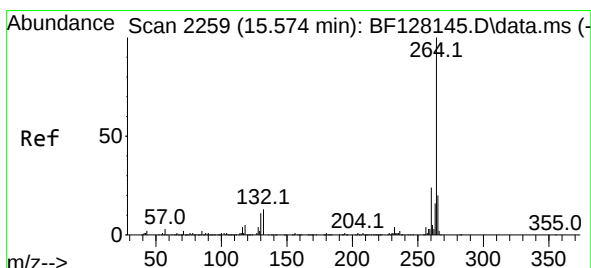
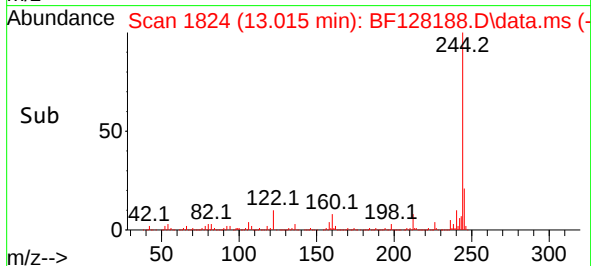
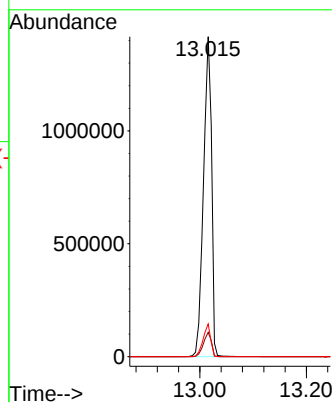
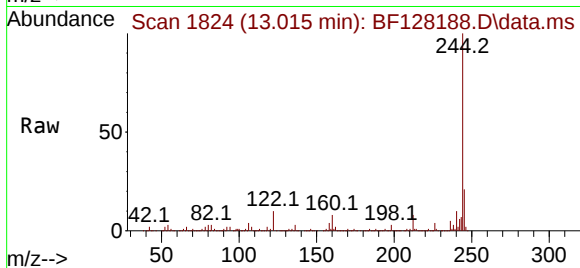
Tgt Ion:244 Resp: 1489558

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.4

122 10.3 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: BF128188.D

Acq: 11 May 2022 11:33

Tgt Ion:264 Resp: 265282

Ion Ratio Lower Upper

264 100

260 24.0 20.1 30.1

265 21.5 17.5 26.3

