

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
 Data File : BF128267.D
 Acq On : 16 May 2022 14:40
 Operator : CG\JU
 Sample : N2852-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CBH-594

Quant Time: May 16 15:32:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 14 00:51:21 2022
 Response via : Initial Calibration

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

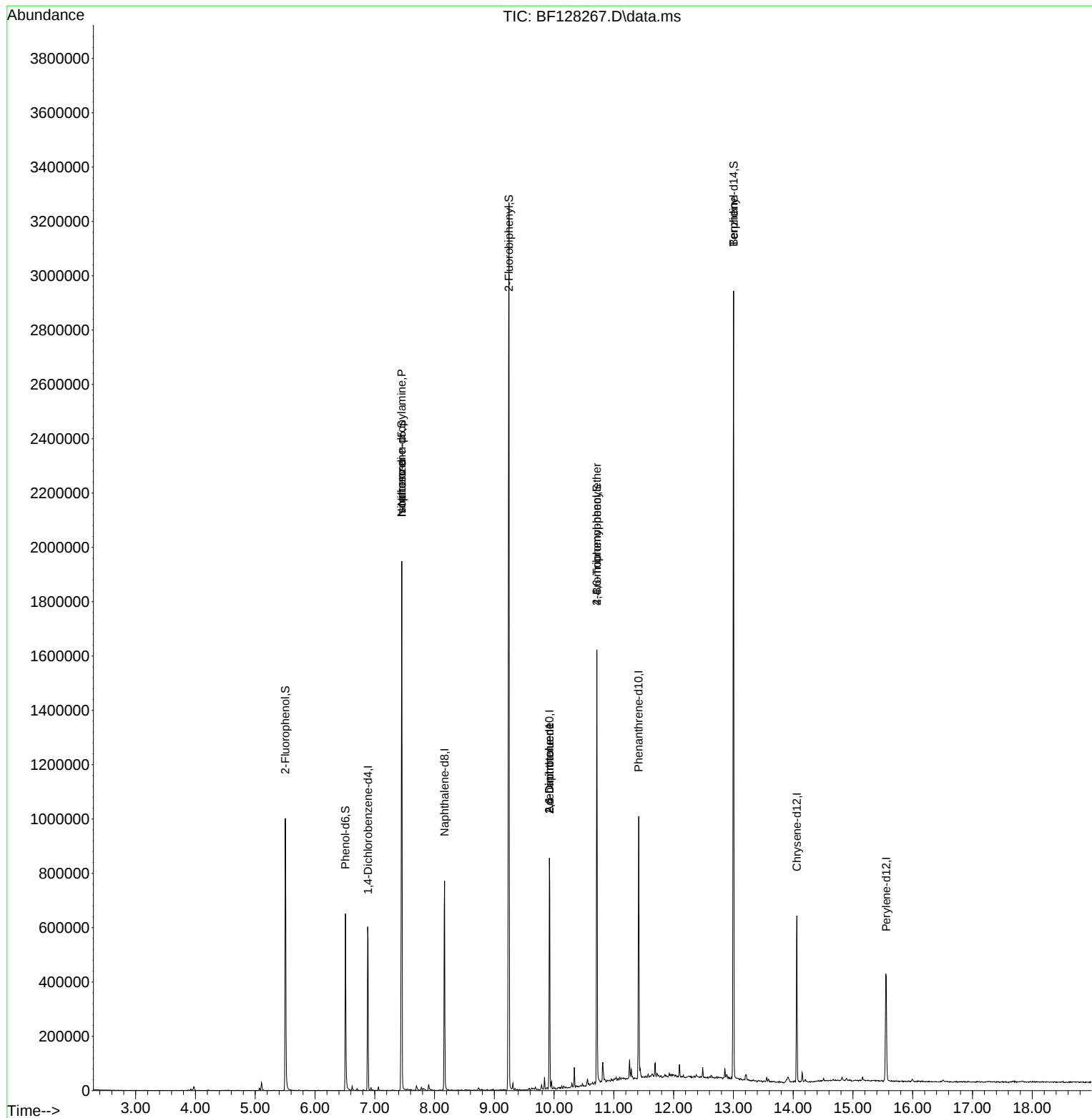
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	84580	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	323329	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	179635	20.000	ng	-0.01
64) Phenanthrene-d10	11.416	188	316667	20.000	ng	0.00
76) Chrysene-d12	14.063	240	206601	20.000	ng	0.00
86) Perylene-d12	15.557	264	188727	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	241761	45.566	ng	0.00
7) Phenol-d6	6.510	99	189648	27.025	ng	-0.02
23) Nitrobenzene-d5	7.451	82	640203	89.095	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	165875	80.514	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	1004289	87.478	ng	0.00
79) Terphenyl-d14	13.004	244	956502	86.873	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.510	77	400	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.451	70	87043	20.141	ng	# 80
25) Isophorone	7.451	82	640196	56.829	ng	# 68
51) 2,6-Dinitrotoluene	9.922	165	22831	8.978	ng	# 22
57) 2,4-Dinitrotoluene	9.922	165	22831	6.714	ng	# 26
67) 4-Bromophenyl-phenylether	10.716	248	10242	3.006	ng	# 1
77) Benzidine	13.004	184	14373	3.212	ng	# 94

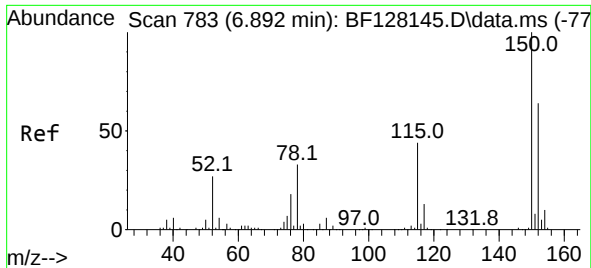
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
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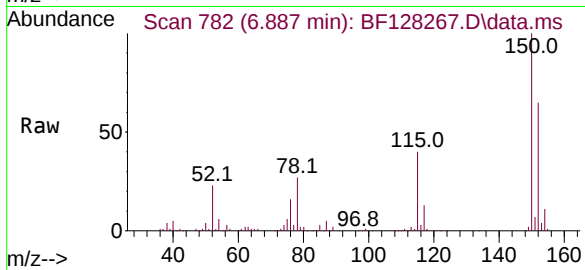
Quant Time: May 16 15:32:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 14 00:51:21 2022
Response via : Initial Calibration



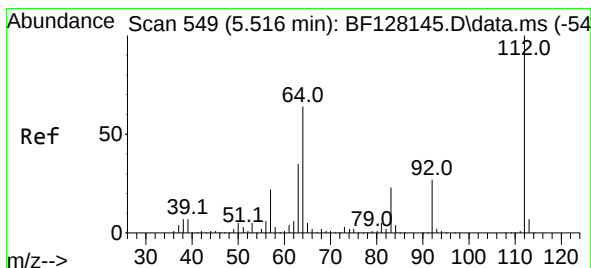
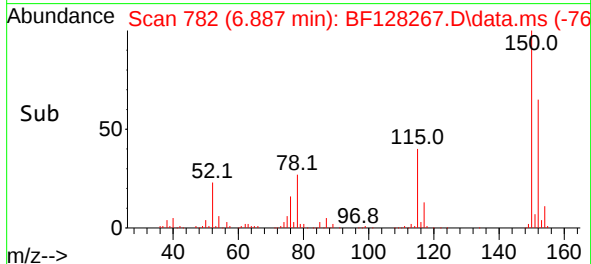
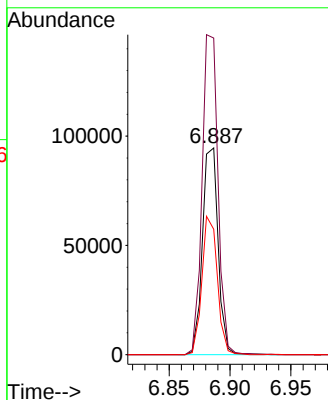


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF128267.D
 Acq: 16 May 2022 14:40

Instrument :
 BNA_F
 ClientSampleId :
 CBH-594

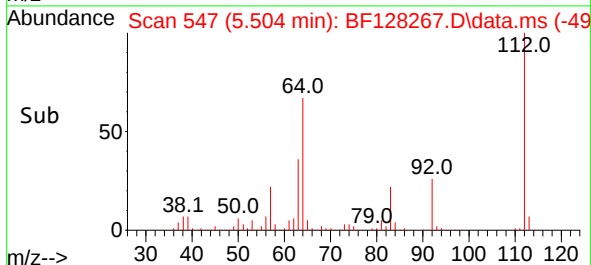
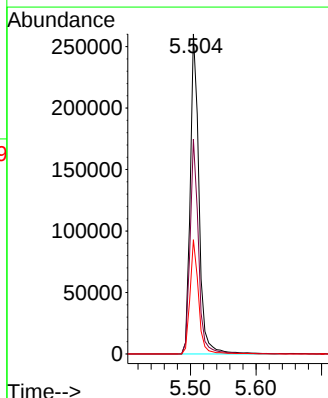
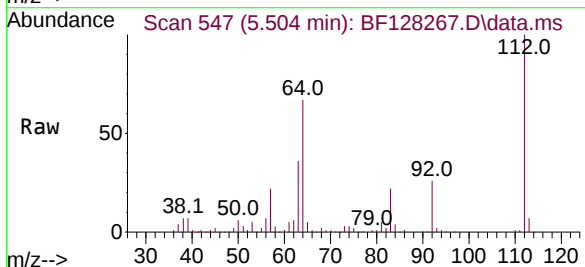


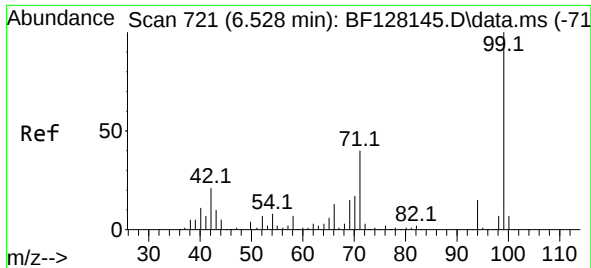
Tgt Ion:152 Resp: 84580
 Ion Ratio Lower Upper
 152 100
 150 153.1 125.3 187.9
 115 60.6 48.8 73.2



#5
 2-Fluorophenol
 Concen: 45.566 ng
 RT: 5.504 min Scan# 547
 Delta R.T. -0.006 min
 Lab File: BF128267.D
 Acq: 16 May 2022 14:40

Tgt Ion:112 Resp: 241761
 Ion Ratio Lower Upper
 112 100
 64 67.1 49.5 74.3
 63 35.7 26.3 39.5

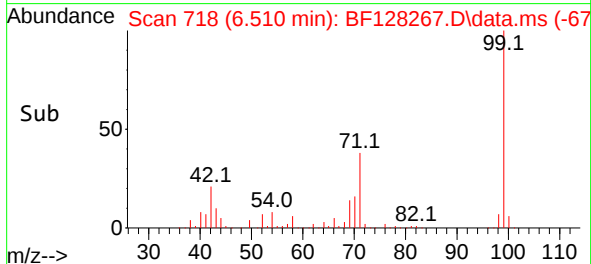
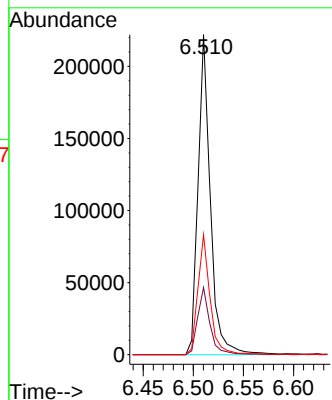
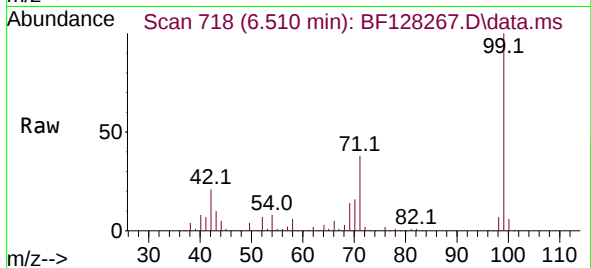




#7
Phenol-d6
Concen: 27.025 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF128267.D
Acq: 16 May 2022 14:40

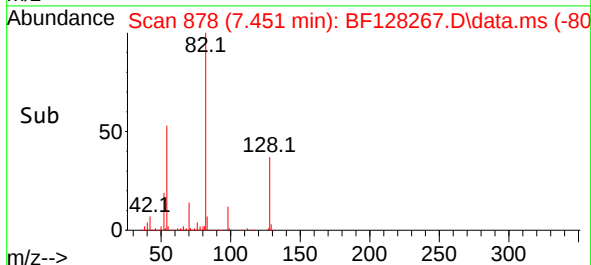
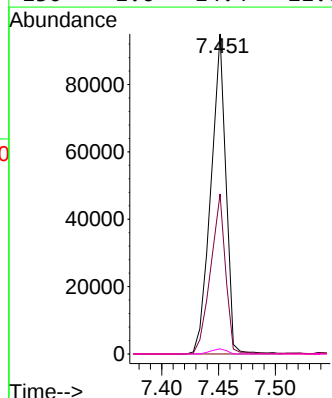
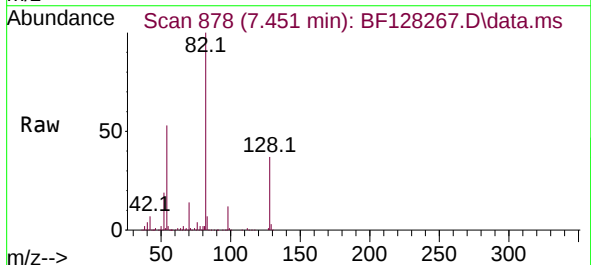
Instrument :
BNA_F
ClientSampleId :
CBH-594

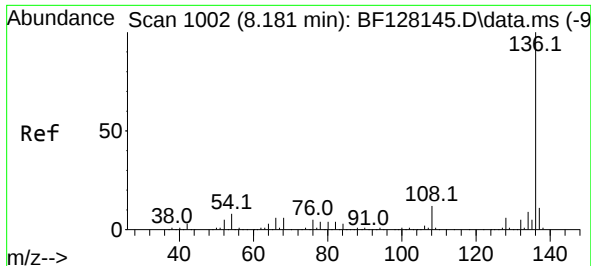
Tgt Ion: 99 Resp: 189648
Ion Ratio Lower Upper
99 100
42 21.0 16.6 24.8
71 37.5 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.141 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.147 min
Lab File: BF128267.D
Acq: 16 May 2022 14:40

Tgt Ion: 70 Resp: 87043
Ion Ratio Lower Upper
70 100
42 50.0 48.7 73.1
101 0.0 7.2 10.8#
130 1.6 14.4 21.6#



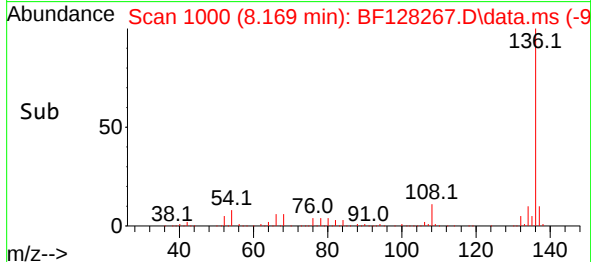
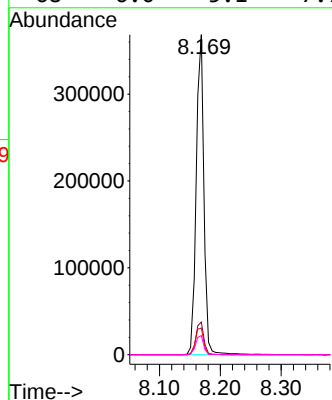
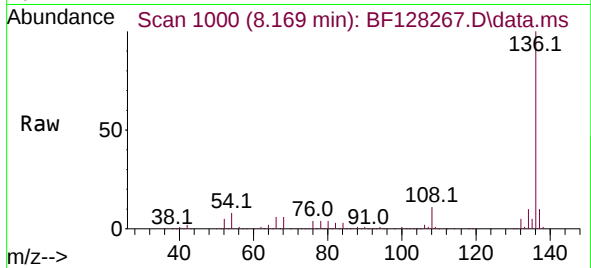


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128267.D
Acq: 16 May 2022 14:40

Instrument :
BNA_F
ClientSampleId :
CBH-594

Tgt Ion:136 Resp: 323329

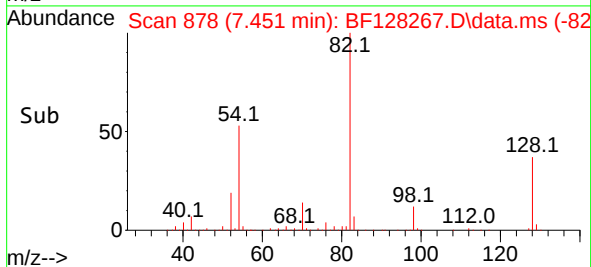
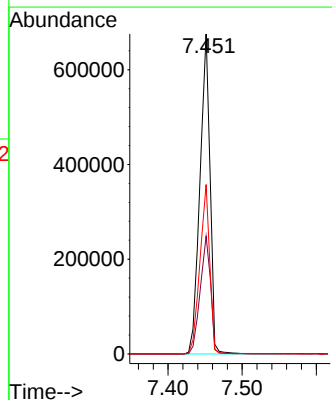
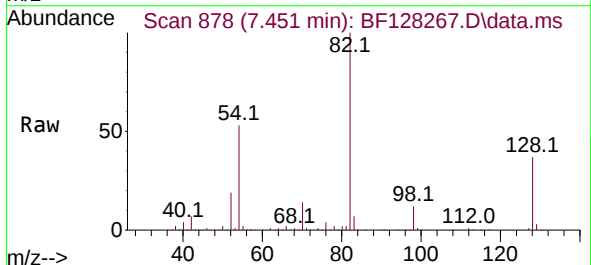
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.6	13.0
54	8.4	6.8	10.2
68	6.0	5.1	7.7



#23
Nitrobenzene-d5
Concen: 89.095 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF128267.D
Acq: 16 May 2022 14:40

Tgt Ion: 82 Resp: 640203

Ion	Ratio	Lower	Upper
82	100		
128	36.8	30.0	45.0
54	53.0	41.3	61.9

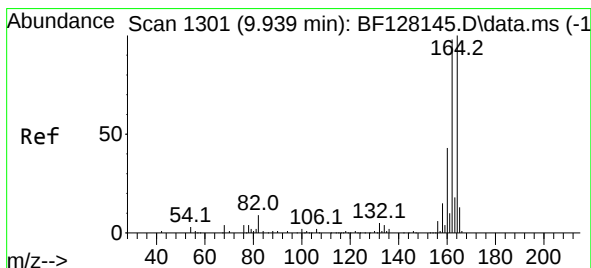
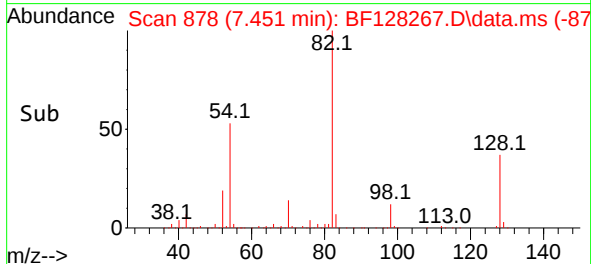
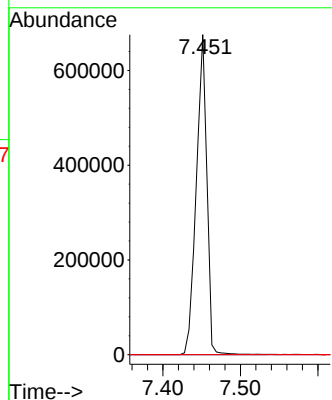
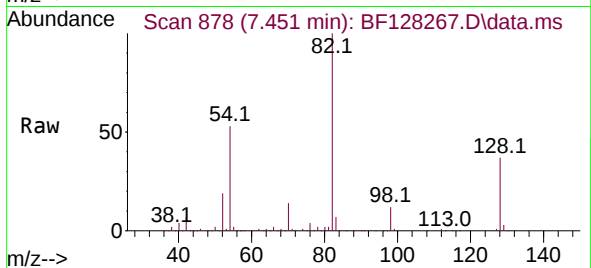




#25
Isophorone
Concen: 56.829 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128267.D
Acq: 16 May 2022 14:40

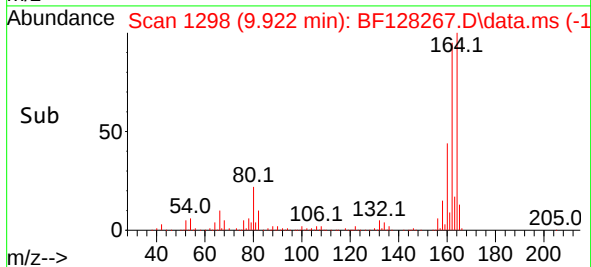
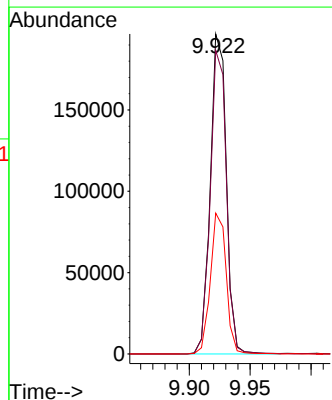
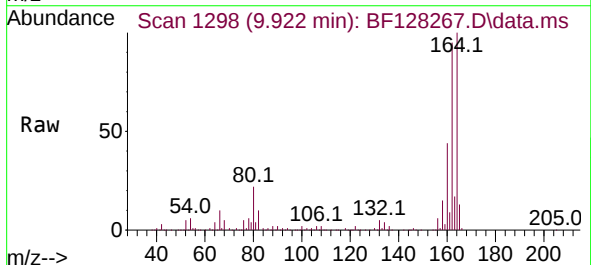
Instrument :
BNA_F
ClientSampleId :
CBH-594

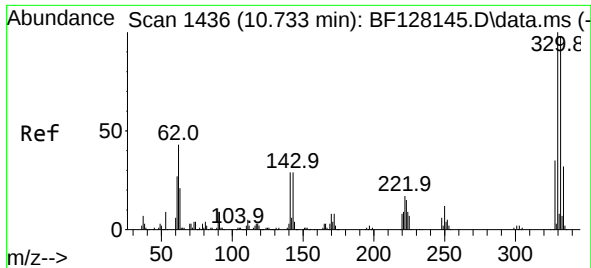
Tgt Ion: 82 Resp: 640196
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.012 min
Lab File: BF128267.D
Acq: 16 May 2022 14:40

Tgt Ion:164 Resp: 179635
Ion Ratio Lower Upper
164 100
162 94.9 76.0 114.0
160 44.0 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 80.514 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.012 min

Lab File: BF128267.D

Acq: 16 May 2022 14:40

Instrument :

BNA_F

ClientSampleId :

CBH-594

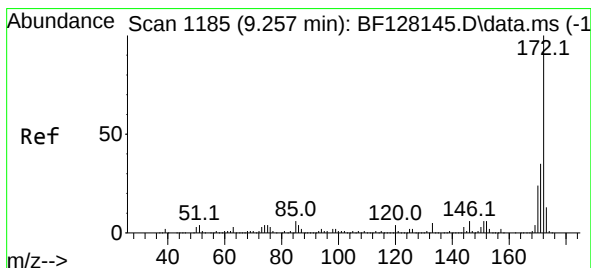
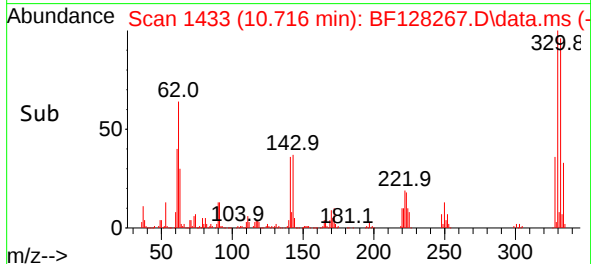
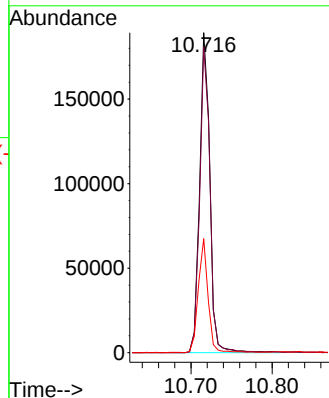
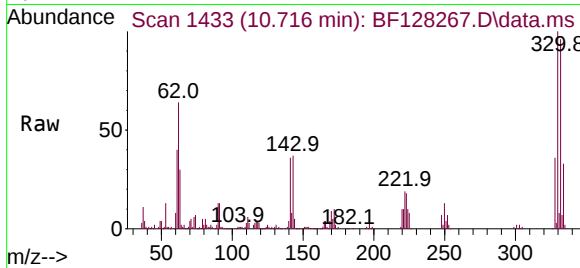
Tgt Ion:330 Resp: 165875

Ion Ratio Lower Upper

330 100

332 95.8 79.0 118.4

141 34.6 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 87.478 ng

RT: 9.245 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF128267.D

Acq: 16 May 2022 14:40

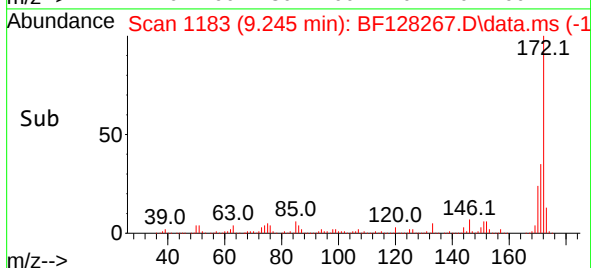
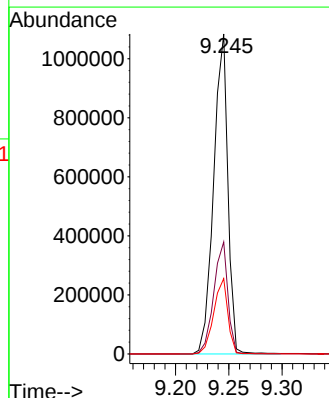
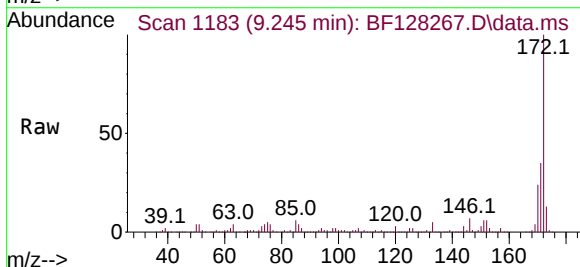
Tgt Ion:172 Resp: 1004289

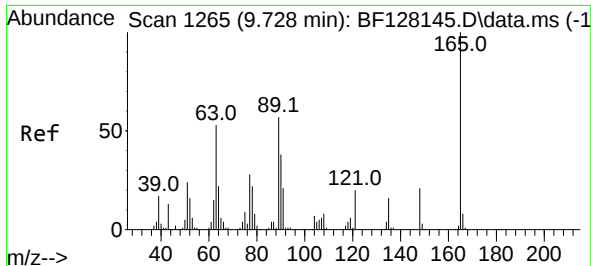
Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

170 23.5 19.1 28.7

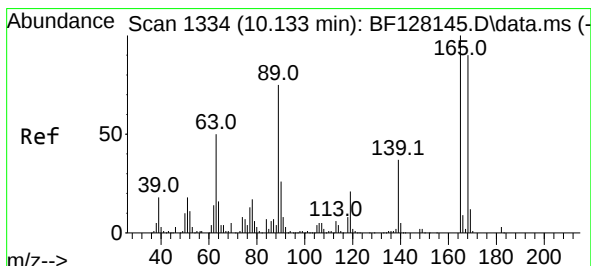
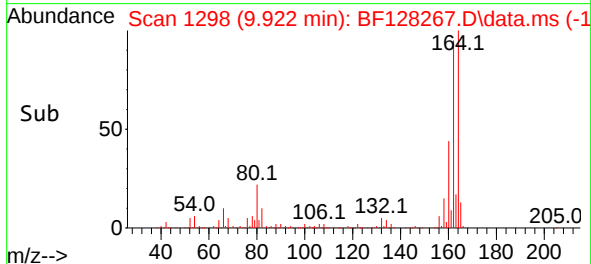
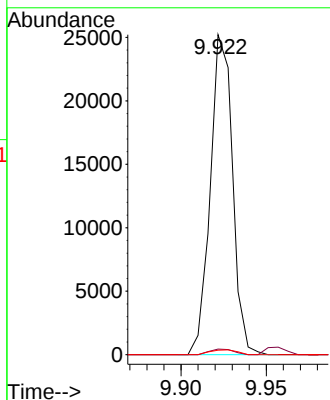
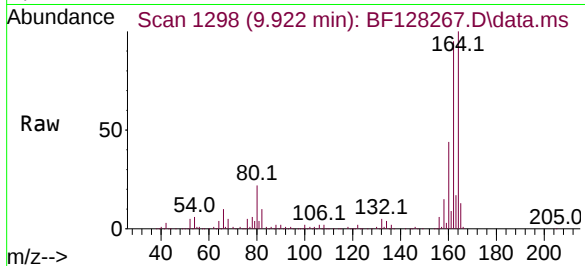




#51
2,6-Dinitrotoluene
Concen: 8.978 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.200 min
Lab File: BF128267.D
Acq: 16 May 2022 14:40

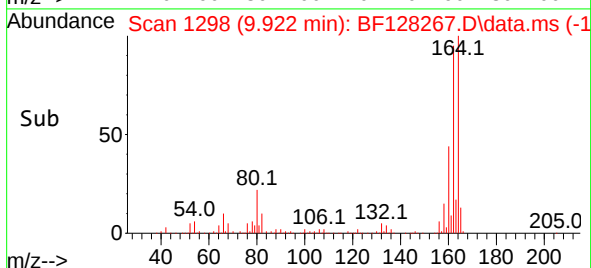
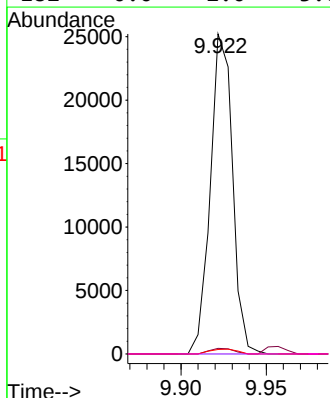
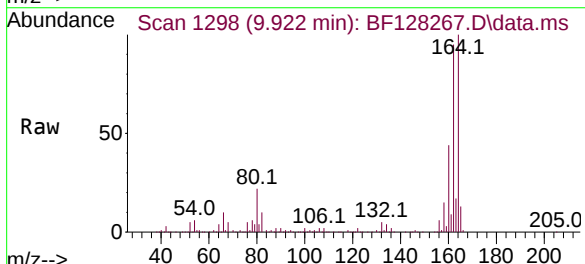
Instrument :
BNA_F
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CBH-594

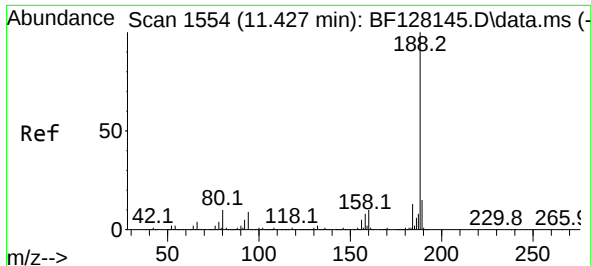
Tgt Ion:165 Resp: 22831
Ion Ratio Lower Upper
165 100
63 1.7 49.5 74.3#
89 1.4 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.714 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.206 min
Lab File: BF128267.D
Acq: 16 May 2022 14:40

Tgt Ion:165 Resp: 22831
Ion Ratio Lower Upper
165 100
63 1.7 32.6 49.0#
89 1.4 55.2 82.8#
182 0.0 2.0 3.0#

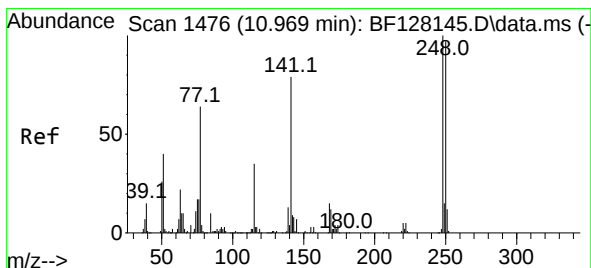
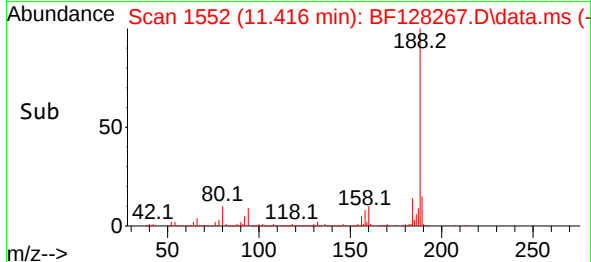
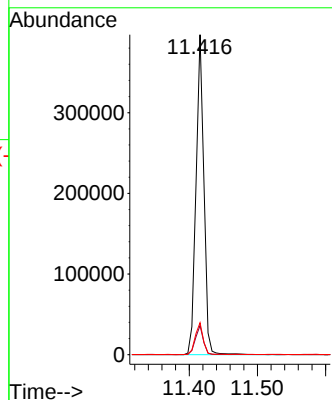
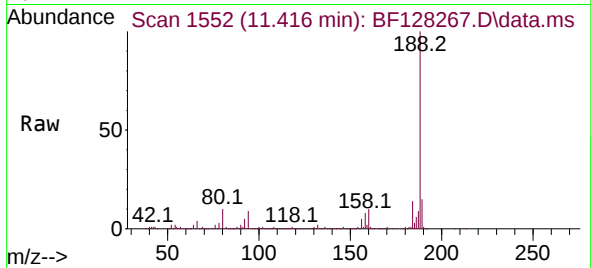




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128267.D
Acq: 16 May 2022 14:40

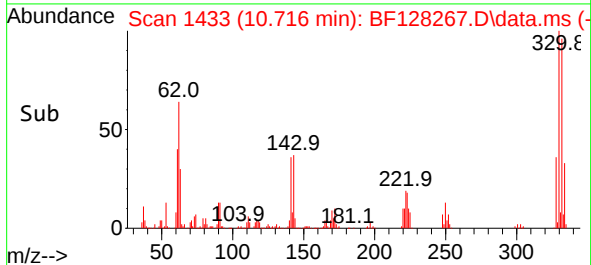
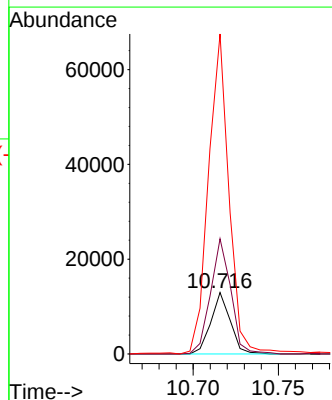
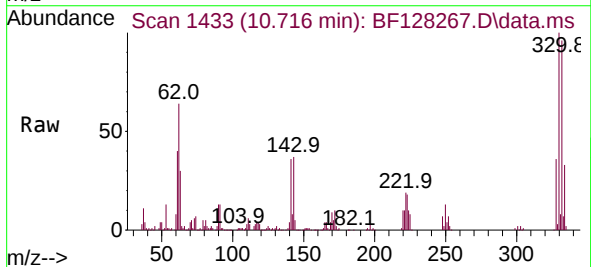
Instrument :
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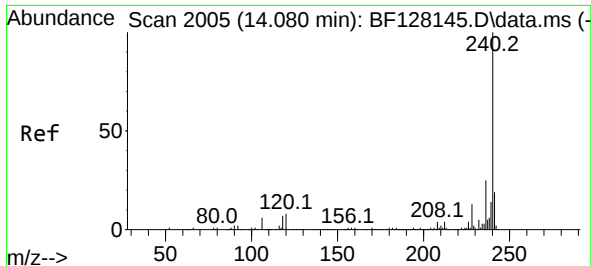
Tgt Ion:188 Resp: 316667
Ion Ratio Lower Upper
188 100
94 9.1 8.0 12.0
80 10.0 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.006 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.247 min
Lab File: BF128267.D
Acq: 16 May 2022 14:40

Tgt Ion:248 Resp: 10242
Ion Ratio Lower Upper
248 100
250 187.7 77.7 116.5#
141 521.4 65.6 98.4#

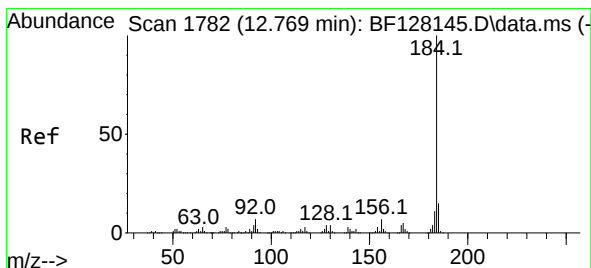
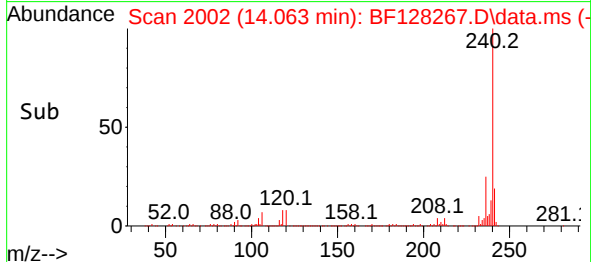
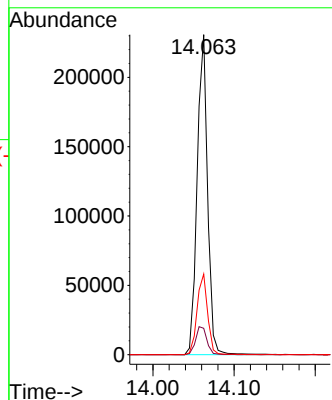
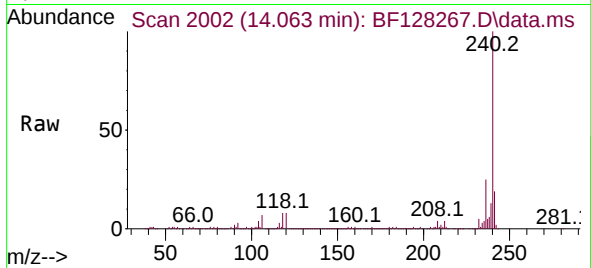




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF128267.D
Acq: 16 May 2022 14:40

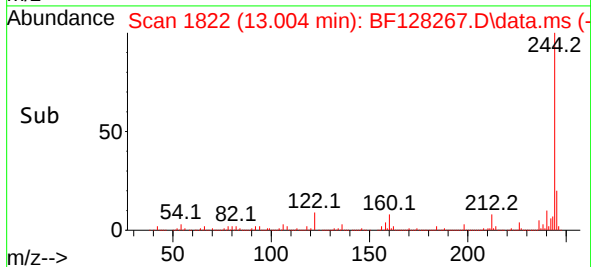
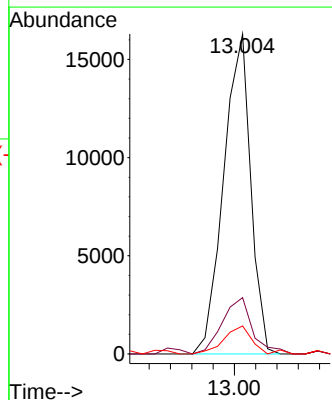
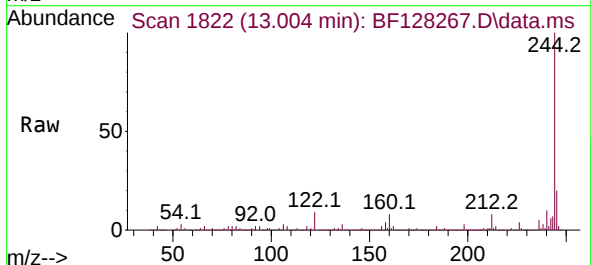
Instrument :
BNA_F
ClientSampleId :
CBH-594

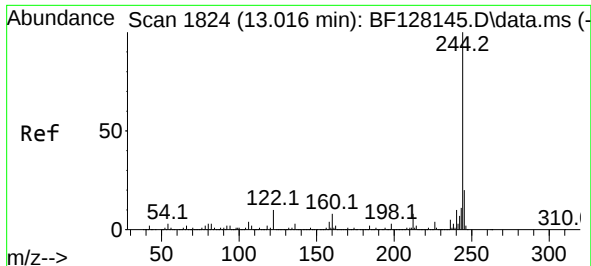
Tgt Ion:240 Resp: 206601
Ion Ratio Lower Upper
240 100
120 8.3 7.0 10.6
236 25.2 20.3 30.5



#77
Benzidine
Concen: 3.212 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.247 min
Lab File: BF128267.D
Acq: 16 May 2022 14:40

Tgt Ion:184 Resp: 14373
Ion Ratio Lower Upper
184 100
185 17.6 12.1 18.1
183 8.7 9.0 13.4#

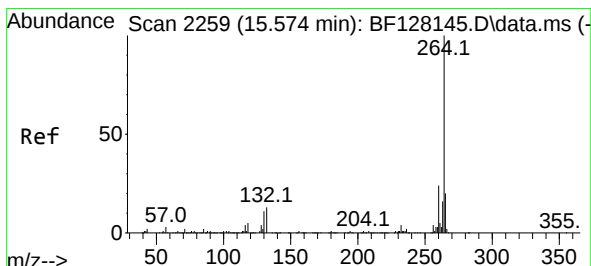
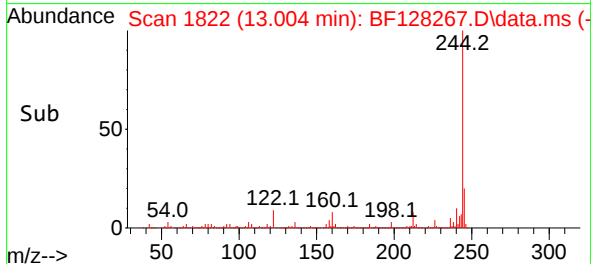
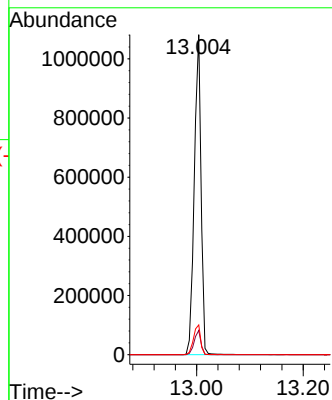
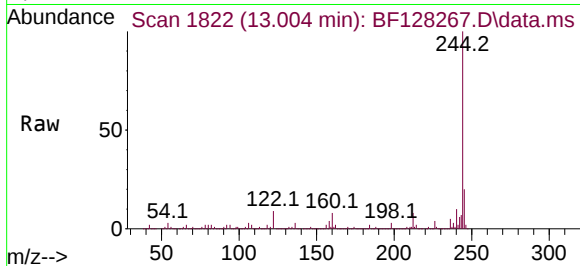




#79
 Terphenyl-d14
 Concen: 86.873 ng
 RT: 13.004 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128267.D
 Acq: 16 May 2022 14:40

Instrument :
 BNA_F
 ClientSampleId :
 CBH-594

Tgt Ion:244 Resp: 956502
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 9.3 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2256
 Delta R.T. -0.006 min
 Lab File: BF128267.D
 Acq: 16 May 2022 14:40

Tgt Ion:264 Resp: 188727
 Ion Ratio Lower Upper
 264 100
 260 23.2 20.1 30.1
 265 21.4 17.5 26.3

