

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
 Data File : BF128269.D
 Acq On : 16 May 2022 15:40
 Operator : CG\JU
 Sample : N2832-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB14

Quant Time: May 17 06:21:52 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)

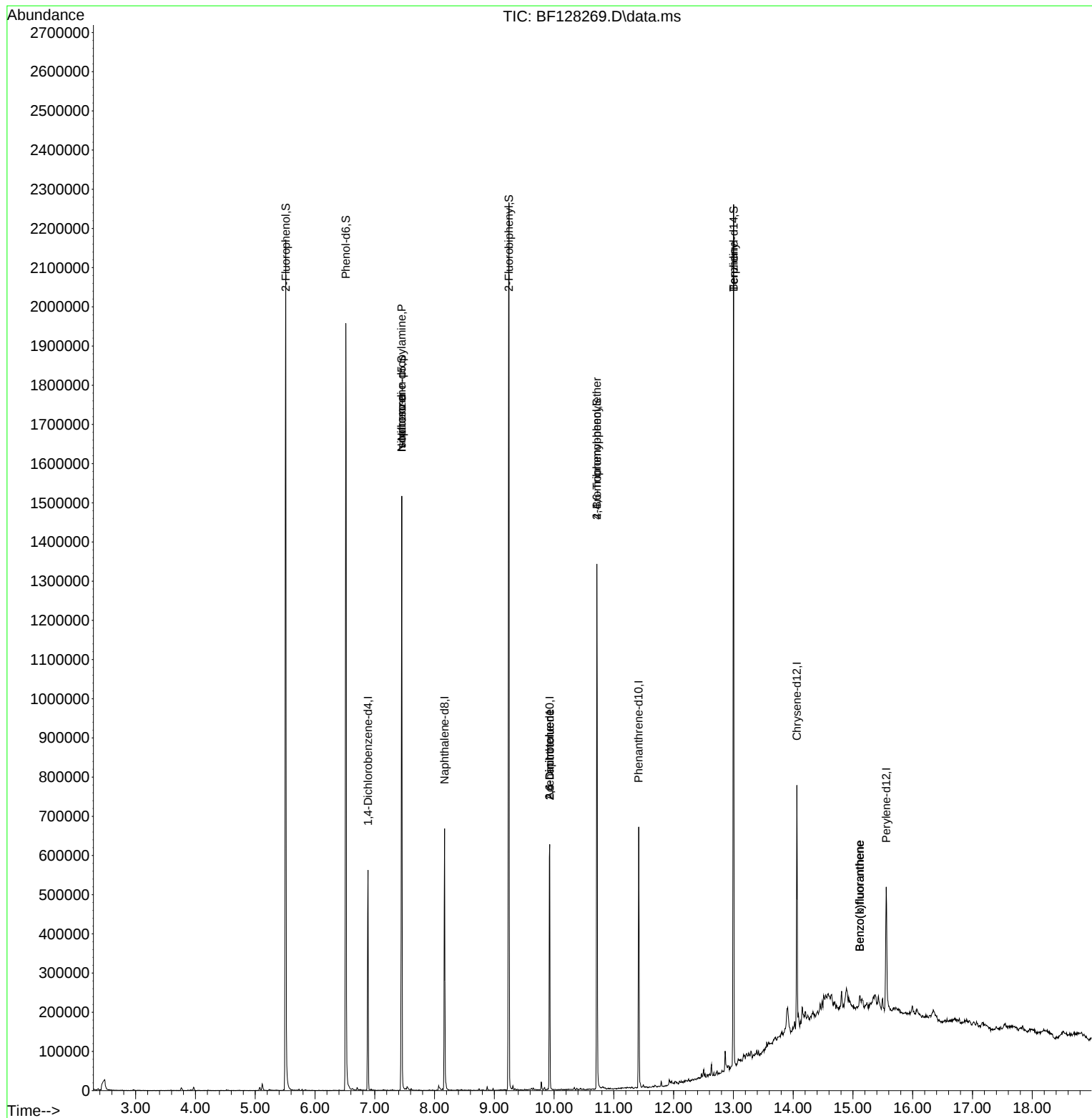
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	73064	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	265672	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	130817	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	222173	20.000	ng	0.00
76) Chrysene-d12	14.063	240	192381	20.000	ng	0.00
86) Perylene-d12	15.557	264	137598	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	511219	111.539	ng	0.00
7) Phenol-d6	6.516	99	664298	109.582	ng	-0.01
23) Nitrobenzene-d5	7.451	82	459881	77.890	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	147578	98.365	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	672894	80.484	ng	0.00
79) Terphenyl-d14	13.004	244	701743	68.446	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.440	77	61	Below Cal	#	31
19) n-Nitroso-di-n-propyla...	7.451	70	63560	17.026	ng	# 80
25) Isophorone	7.451	82	459875	49.681	ng	# 68
51) 2,6-Dinitrotoluene	9.928	165	17028	9.195	ng	# 21
57) 2,4-Dinitrotoluene	9.928	165	17028	6.877	ng	# 26
67) 4-Bromophenyl-phenylether	10.716	248	9142	3.825	ng	# 1
77) Benzidine	13.004	184	10855	2.605	ng	# 92
88) Benzo(b)fluoranthene	15.115	252	20621	2.418	ng	# 85
89) Benzo(k)fluoranthene	15.115	252	20621	2.449	ng	# 83

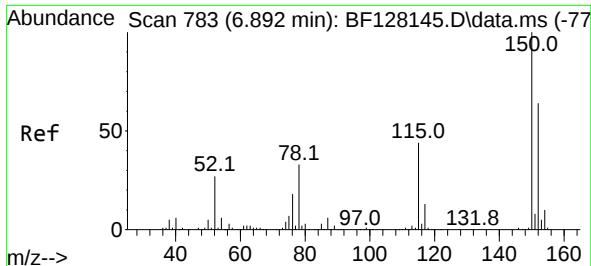
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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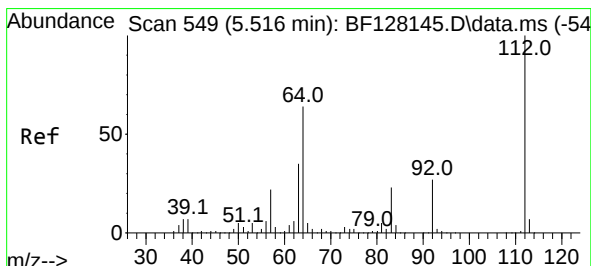
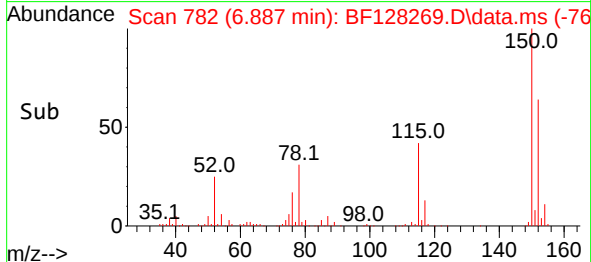
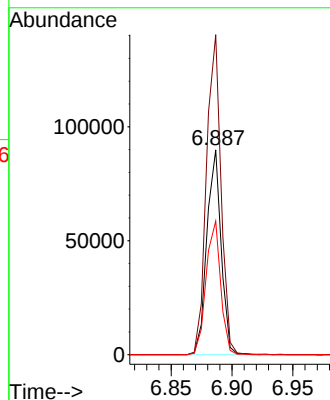
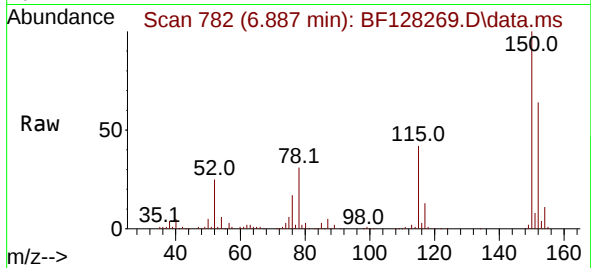




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF128269.D
 Acq: 16 May 2022 15:40

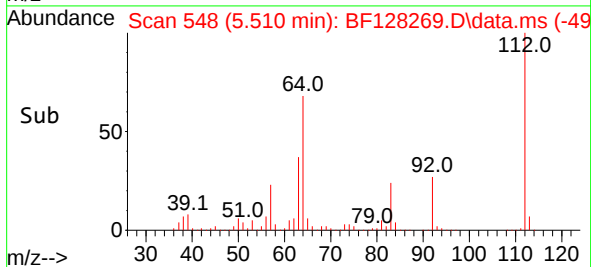
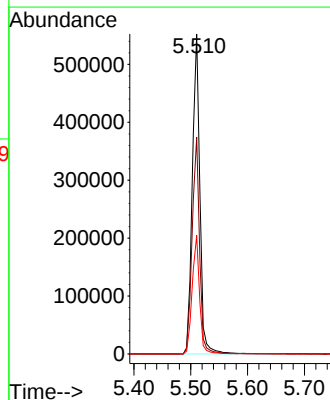
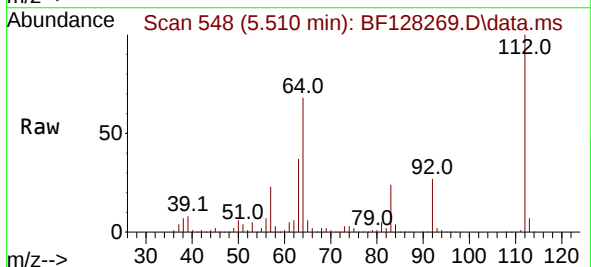
Instrument :
 BNA_F
 ClientSampleId :
 SB14

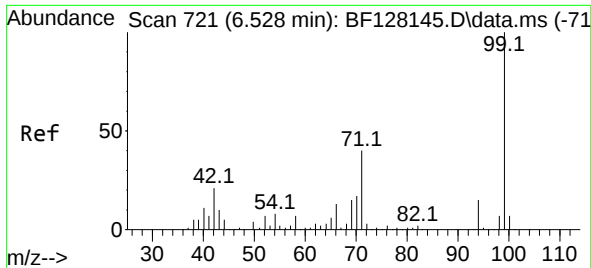
Tgt Ion:152 Resp: 73064
 Ion Ratio Lower Upper
 152 100
 150 156.2 125.3 187.9
 115 65.2 48.8 73.2



#5
 2-Fluorophenol
 Concen: 111.539 ng
 RT: 5.510 min Scan# 548
 Delta R.T. 0.000 min
 Lab File: BF128269.D
 Acq: 16 May 2022 15:40

Tgt Ion:112 Resp: 511219
 Ion Ratio Lower Upper
 112 100
 64 67.7 49.5 74.3
 63 37.0 26.3 39.5

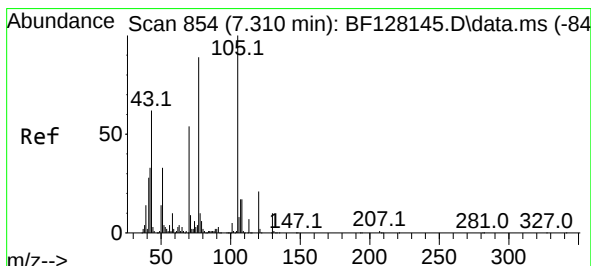
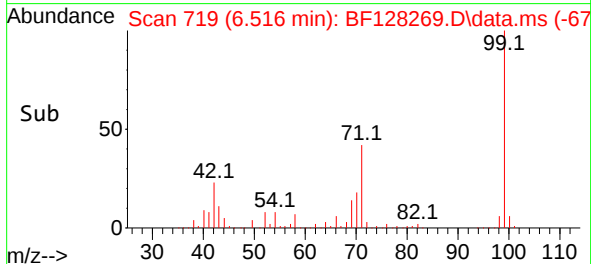
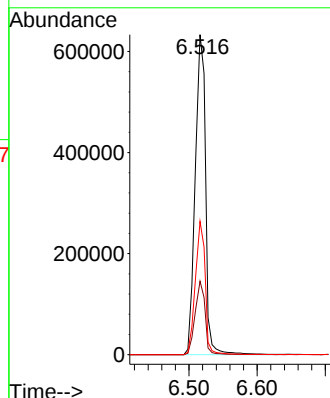
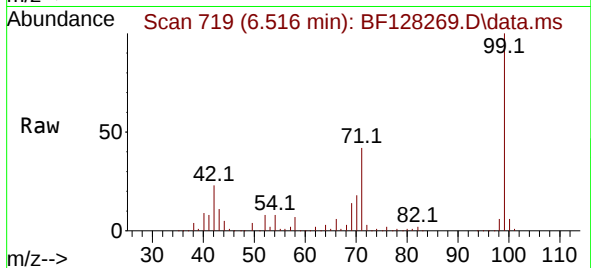




#7
Phenol-d6
Concen: 109.582 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128269.D
Acq: 16 May 2022 15:40

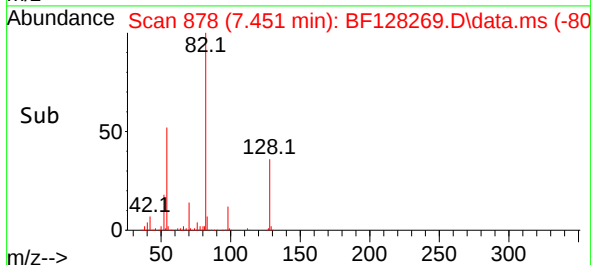
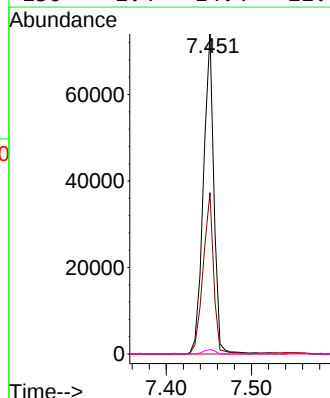
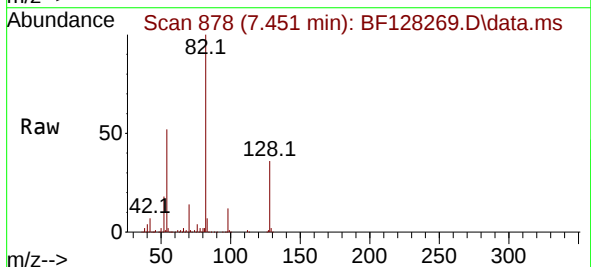
Instrument :
BNA_F
ClientSampleId :
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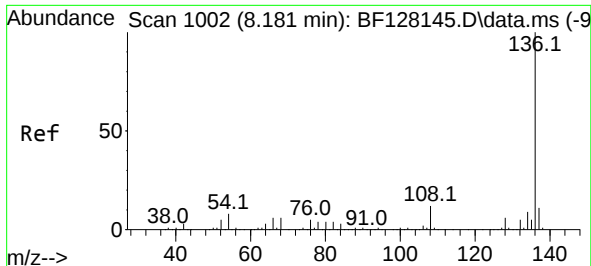
Tgt Ion: 99 Resp: 664298
Ion Ratio Lower Upper
99 100
42 22.9 16.6 24.8
71 41.7 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.026 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.147 min
Lab File: BF128269.D
Acq: 16 May 2022 15:40

Tgt Ion: 70 Resp: 63560
Ion Ratio Lower Upper
70 100
42 50.4 48.7 73.1
101 0.0 7.2 10.8#
130 1.4 14.4 21.6#

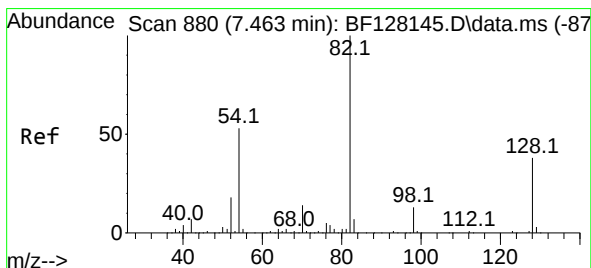
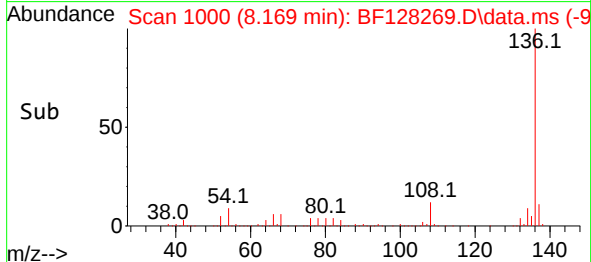
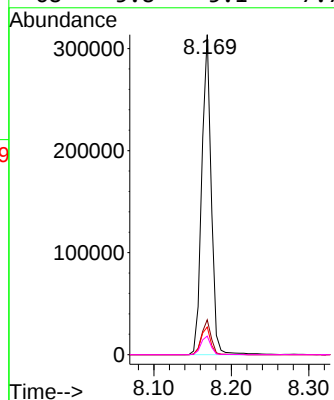
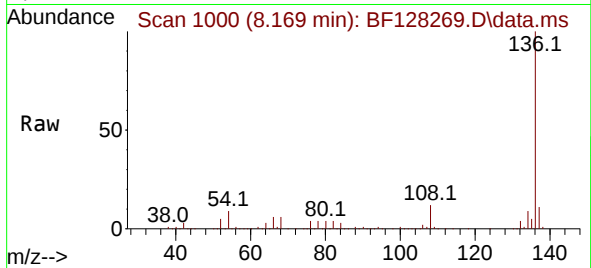




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128269.D
Acq: 16 May 2022 15:40

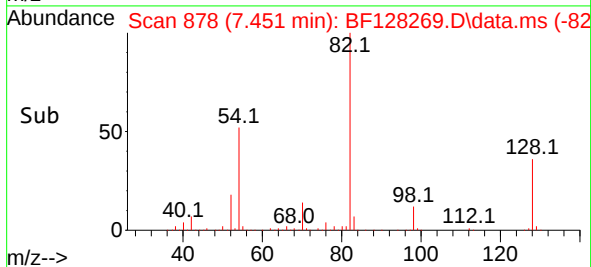
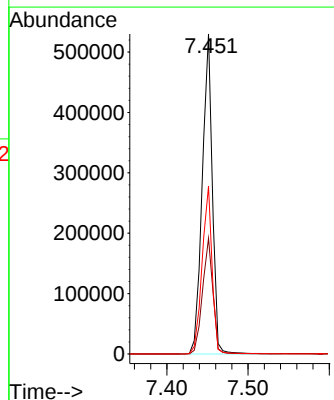
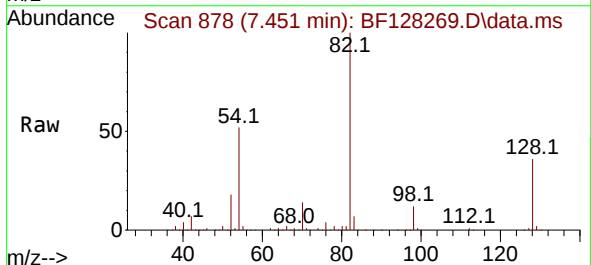
Instrument :
BNA_F
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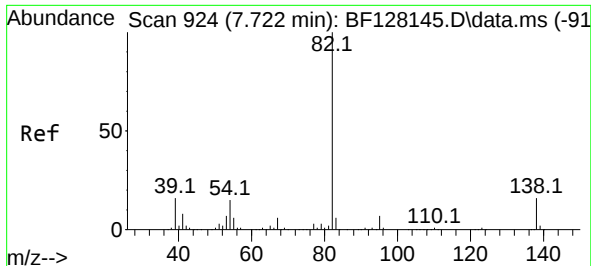
Tgt Ion:136	Resp: 265672
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 13.0
54 8.7	6.8 10.2
68 5.8	5.1 7.7



#23
Nitrobenzene-d5
Concen: 77.890 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF128269.D
Acq: 16 May 2022 15:40

Tgt Ion: 82	Resp: 459881
Ion Ratio	Lower Upper
82 100	
128 36.1	30.0 45.0
54 52.4	41.3 61.9

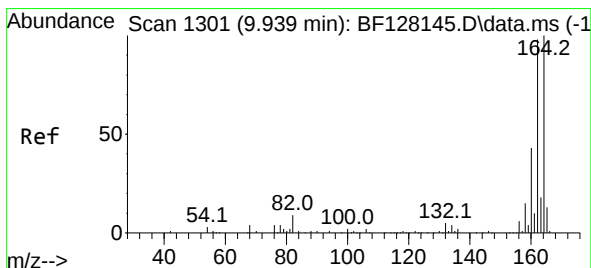
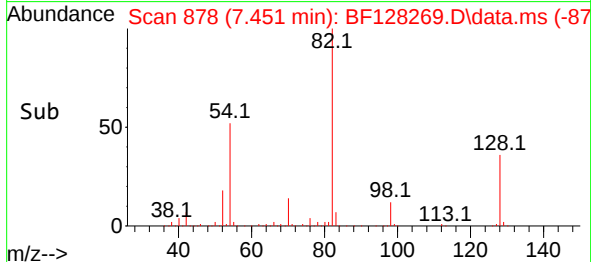
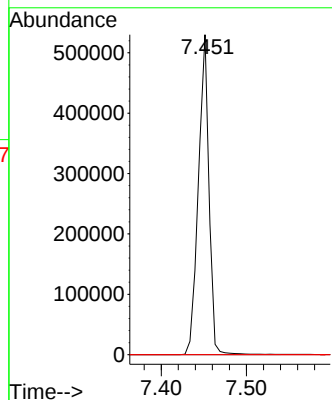
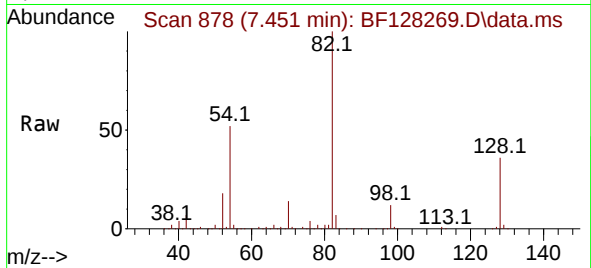




#25
Isophorone
Concen: 49.681 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128269.D
Acq: 16 May 2022 15:40

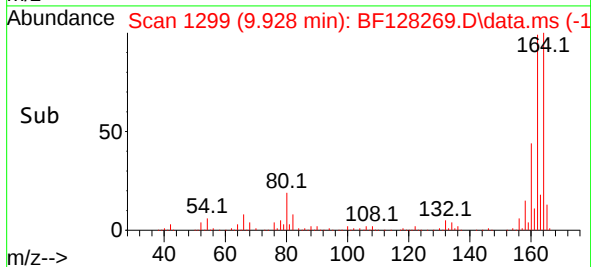
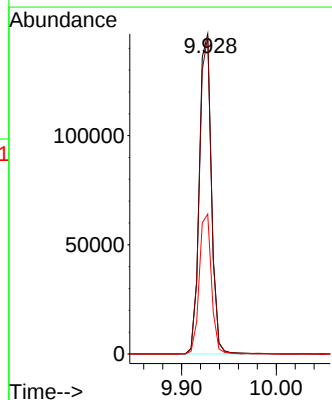
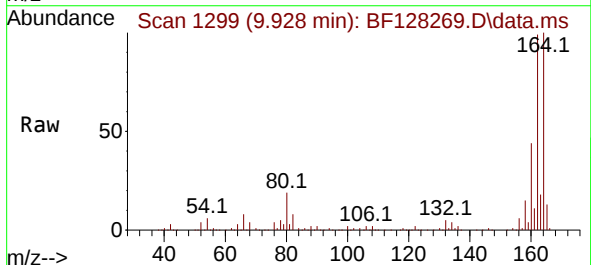
Instrument :
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ClientSampleId :
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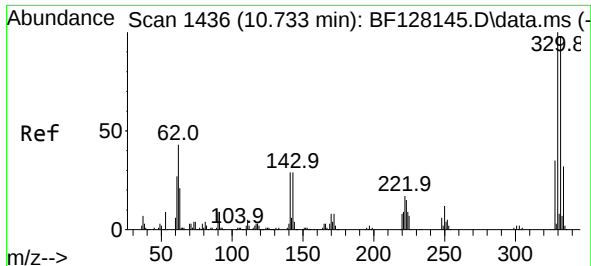
Tgt Ion: 82 Resp: 459875
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BF128269.D
Acq: 16 May 2022 15:40

Tgt Ion:164 Resp: 130817
Ion Ratio Lower Upper
164 100
162 99.3 76.0 114.0
160 43.7 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 98.365 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.012 min

Lab File: BF128269.D

Acq: 16 May 2022 15:40

Instrument :

BNA_F

ClientSampleId :

SB14

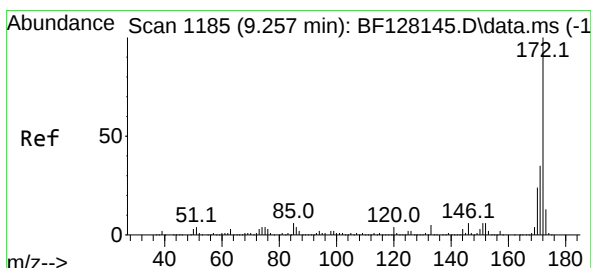
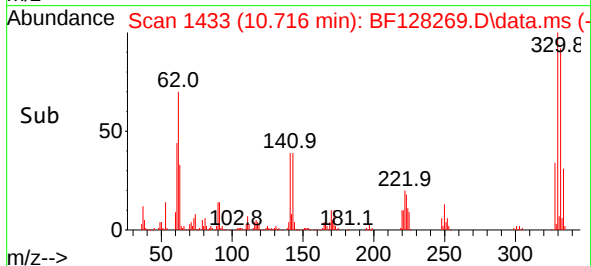
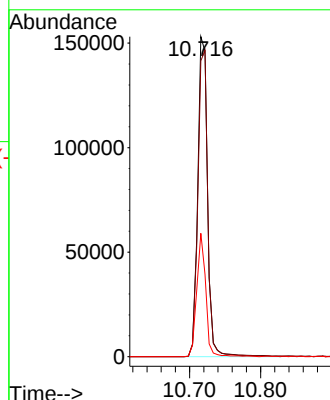
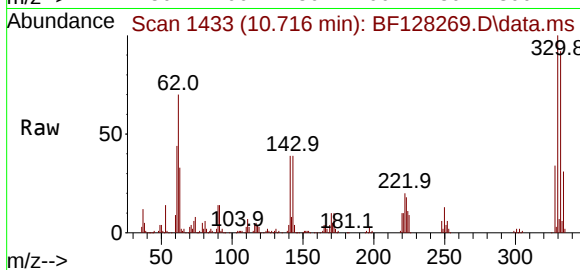
Tgt Ion:330 Resp: 147578

Ion Ratio Lower Upper

330 100

332 96.5 79.0 118.4

141 35.4 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 80.484 ng

RT: 9.245 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF128269.D

Acq: 16 May 2022 15:40

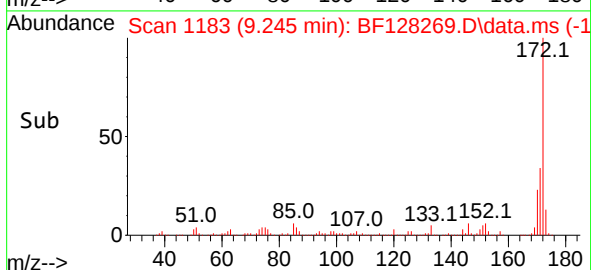
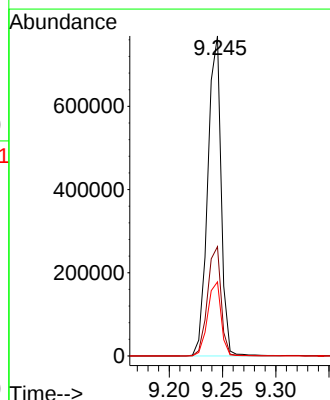
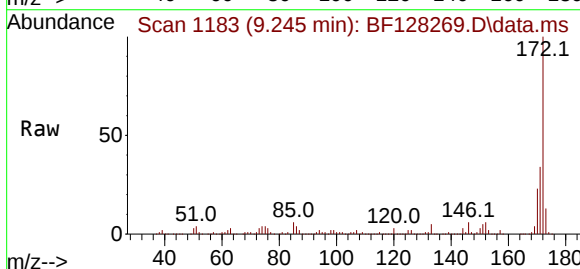
Tgt Ion:172 Resp: 672894

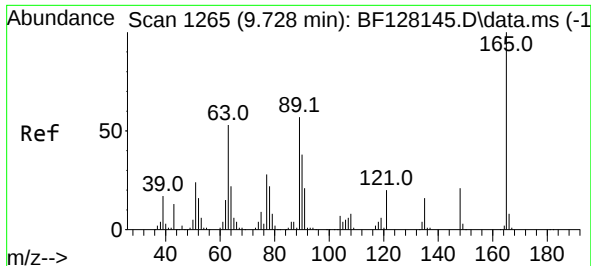
Ion Ratio Lower Upper

172 100

171 34.1 28.6 42.8

170 23.2 19.1 28.7

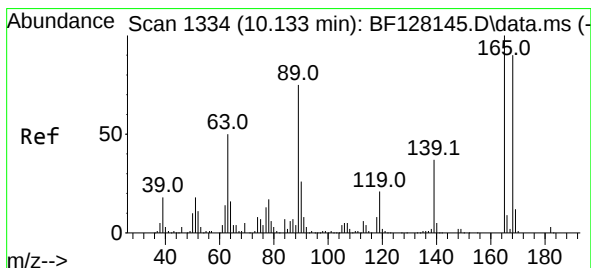
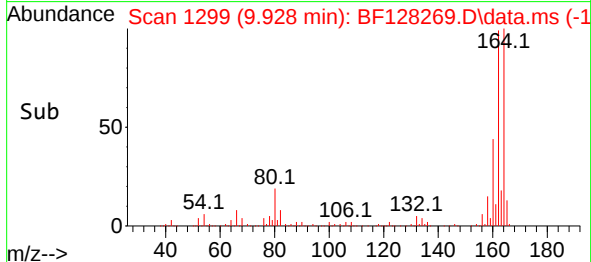
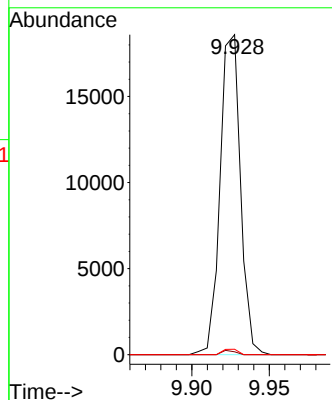
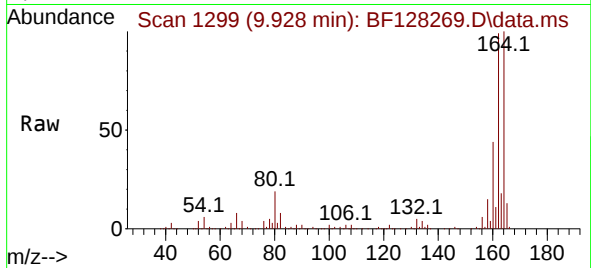




#51
2,6-Dinitrotoluene
Concen: 9.195 ng
RT: 9.928 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128269.D
Acq: 16 May 2022 15:40

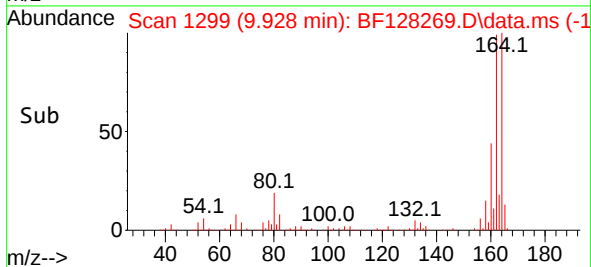
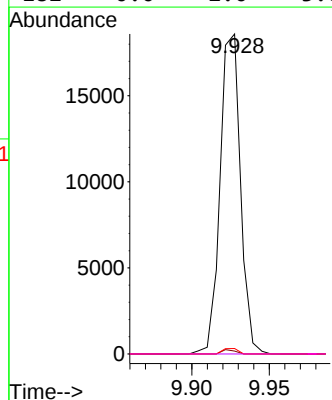
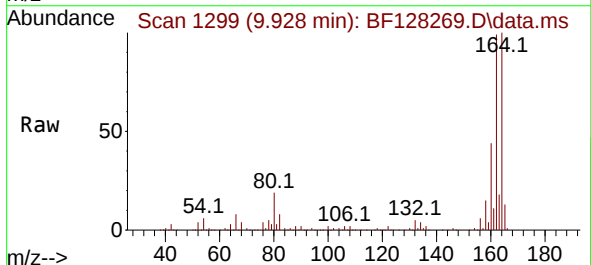
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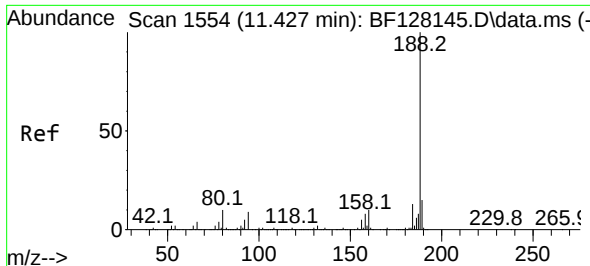
Tgt Ion:165 Resp: 17028
Ion Ratio Lower Upper
165 100
63 0.9 49.5 74.3#
89 1.7 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.877 ng
RT: 9.928 min Scan# 1299
Delta R.T. -0.200 min
Lab File: BF128269.D
Acq: 16 May 2022 15:40

Tgt Ion:165 Resp: 17028
Ion Ratio Lower Upper
165 100
63 0.9 32.6 49.0#
89 1.7 55.2 82.8#
182 0.0 2.0 3.0#

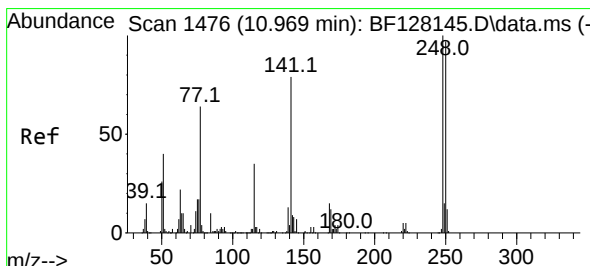
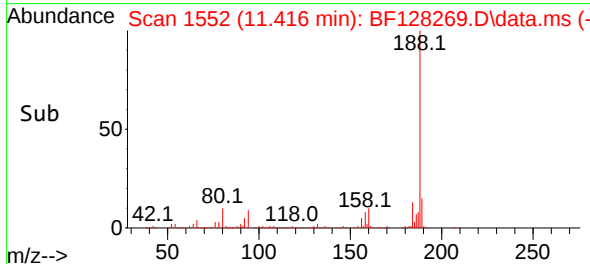
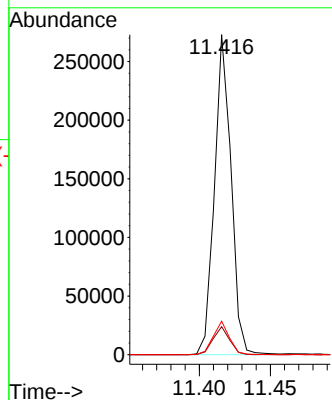
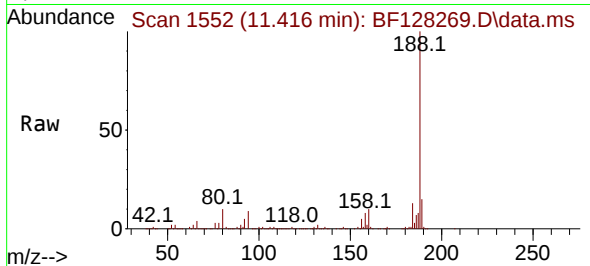




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128269.D
Acq: 16 May 2022 15:40

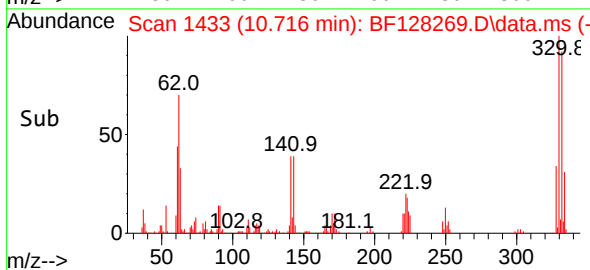
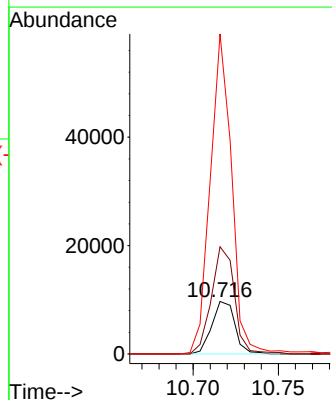
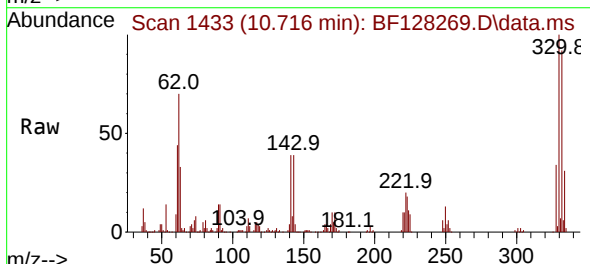
Instrument :
BNA_F
ClientSampleId :
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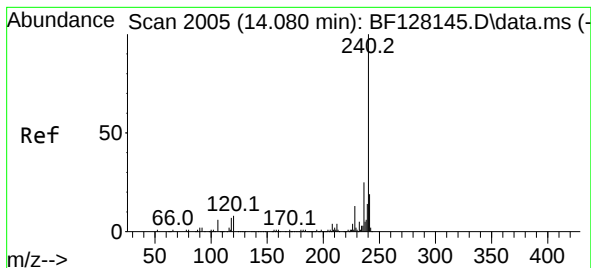
Tgt Ion:188 Resp: 222173
Ion Ratio Lower Upper
188 100
94 8.8 8.0 12.0
80 10.5 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.825 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.247 min
Lab File: BF128269.D
Acq: 16 May 2022 15:40

Tgt Ion:248 Resp: 9142
Ion Ratio Lower Upper
248 100
250 204.3 77.7 116.5#
141 609.6 65.6 98.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF128269.D

Acq: 16 May 2022 15:40

Instrument :

BNA_F

ClientSampleId :

SB14

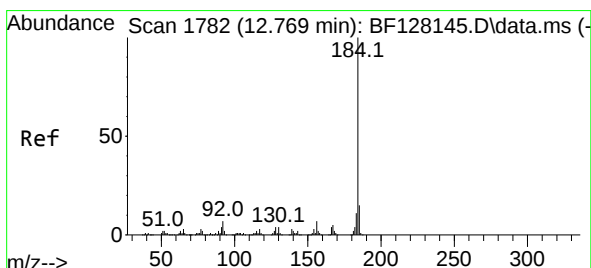
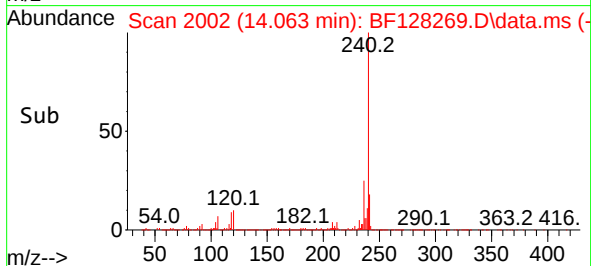
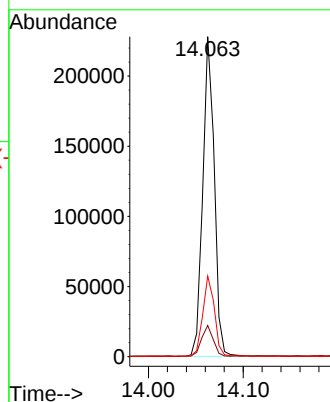
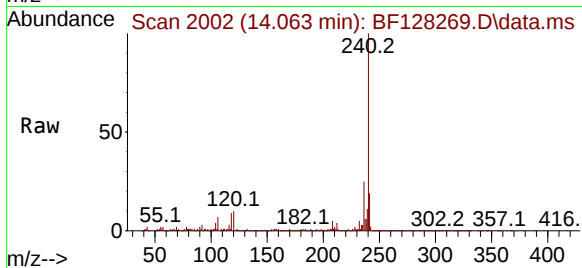
Tgt Ion:240 Resp: 192381

Ion Ratio Lower Upper

240 100

120 9.8 7.0 10.6

236 25.2 20.3 30.5



#77

Benzidine

Concen: 2.605 ng

RT: 13.004 min Scan# 1822

Delta R.T. 0.247 min

Lab File: BF128269.D

Acq: 16 May 2022 15:40

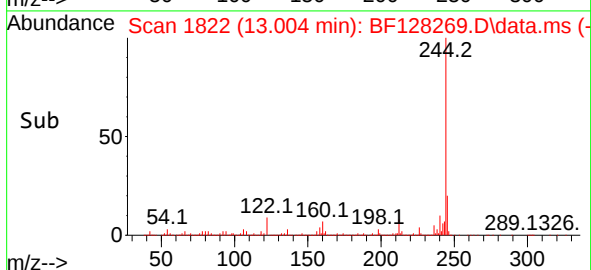
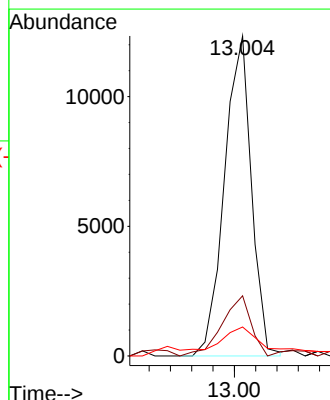
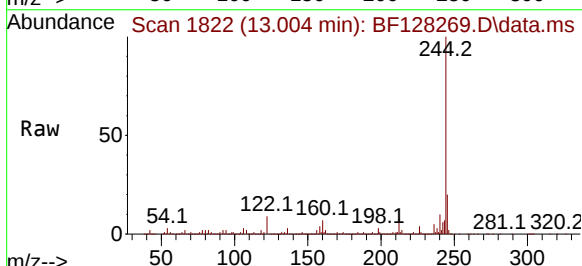
Tgt Ion:184 Resp: 10855

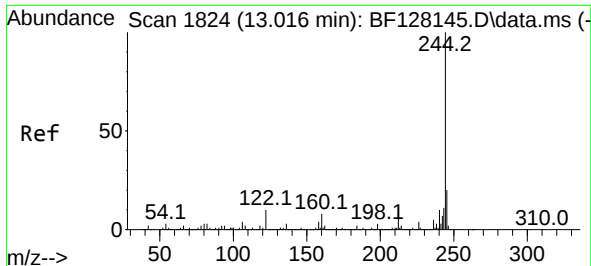
Ion Ratio Lower Upper

184 100

185 18.8 12.1 18.1#

183 9.0 9.0 13.4

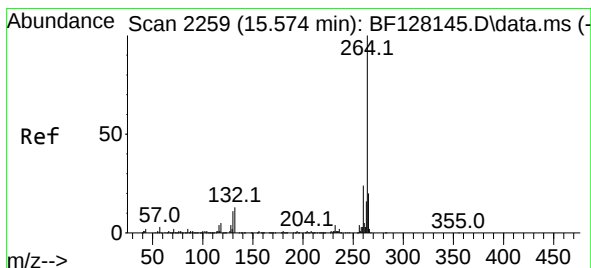
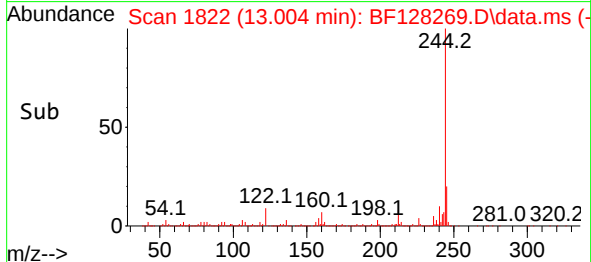
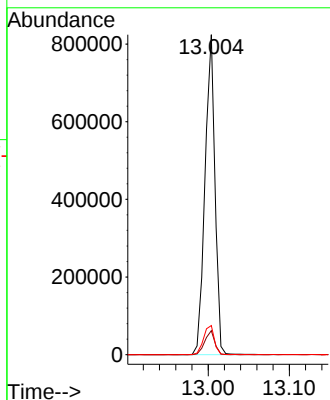
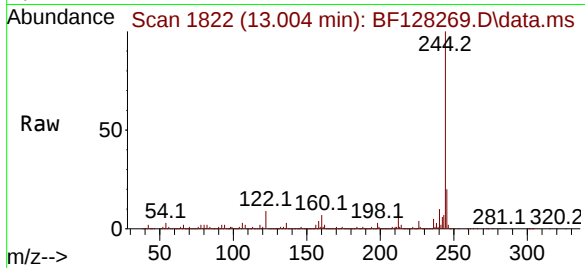




#79
 Terphenyl-d14
 Concen: 68.446 ng
 RT: 13.004 min Scan# 1824
 Delta R.T. -0.006 min
 Lab File: BF128269.D
 Acq: 16 May 2022 15:40

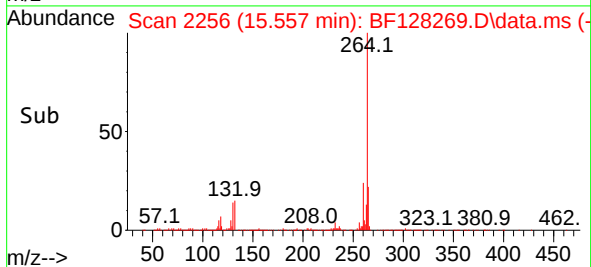
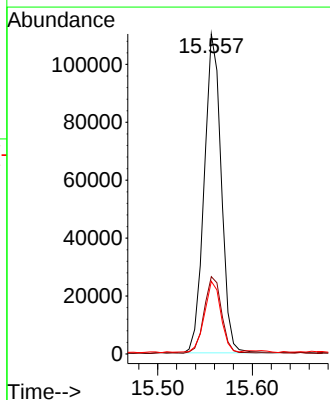
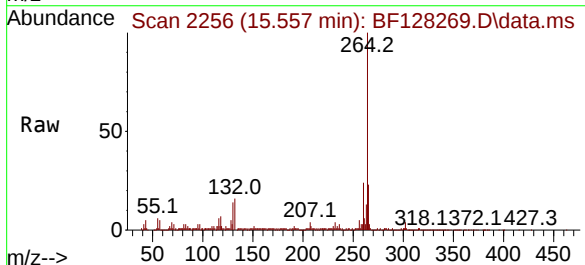
Instrument :
 BNA_F
 ClientSampleId :
 SB14

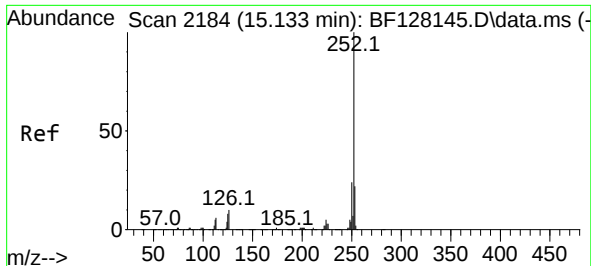
Tgt Ion:244 Resp: 701743
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 9.1 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2256
 Delta R.T. -0.006 min
 Lab File: BF128269.D
 Acq: 16 May 2022 15:40

Tgt Ion:264 Resp: 137598
 Ion Ratio Lower Upper
 264 100
 260 24.2 20.1 30.1
 265 22.7 17.5 26.3

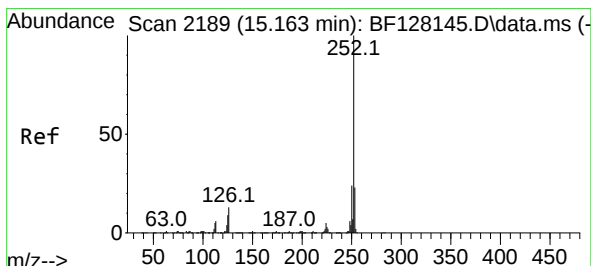
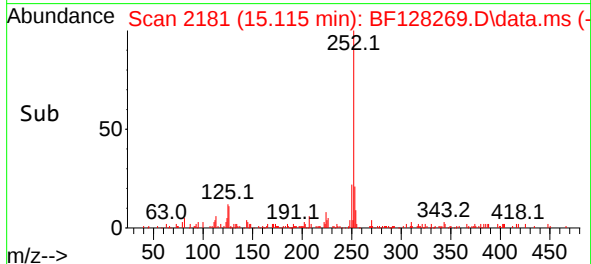
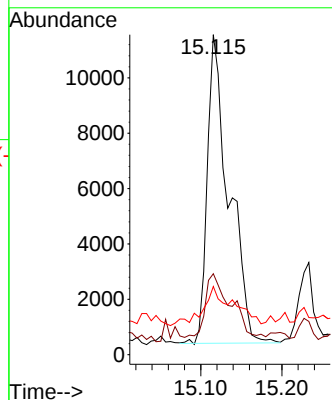
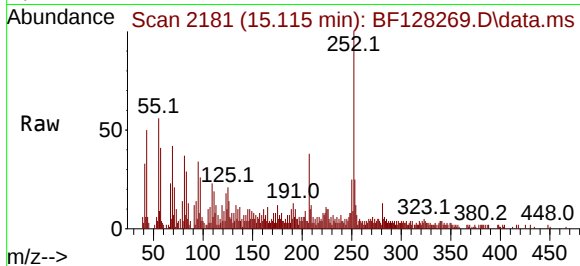




#88
Benzo(b)fluoranthene
Concen: 2.418 ng
RT: 15.115 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BF128269.D
Acq: 16 May 2022 15:40

Instrument :
BNA_F
ClientSampleId :
SB14

Tgt Ion:252 Resp: 20621
Ion Ratio Lower Upper
252 100
253 25.3 17.4 26.2
125 21.3 7.4 11.2#



#89
Benzo(k)fluoranthene
Concen: 2.449 ng
RT: 15.115 min Scan# 2181
Delta R.T. -0.035 min
Lab File: BF128269.D
Acq: 16 May 2022 15:40

Tgt Ion:252 Resp: 20621
Ion Ratio Lower Upper
252 100
253 25.3 17.0 25.4
125 21.3 6.8 10.2#

