

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
 Data File : BF128273.D
 Acq On : 16 May 2022 17:43
 Operator : CG\JU
 Sample : N2823-13DL 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-13DL

Quant Time: May 17 06:22:23 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)

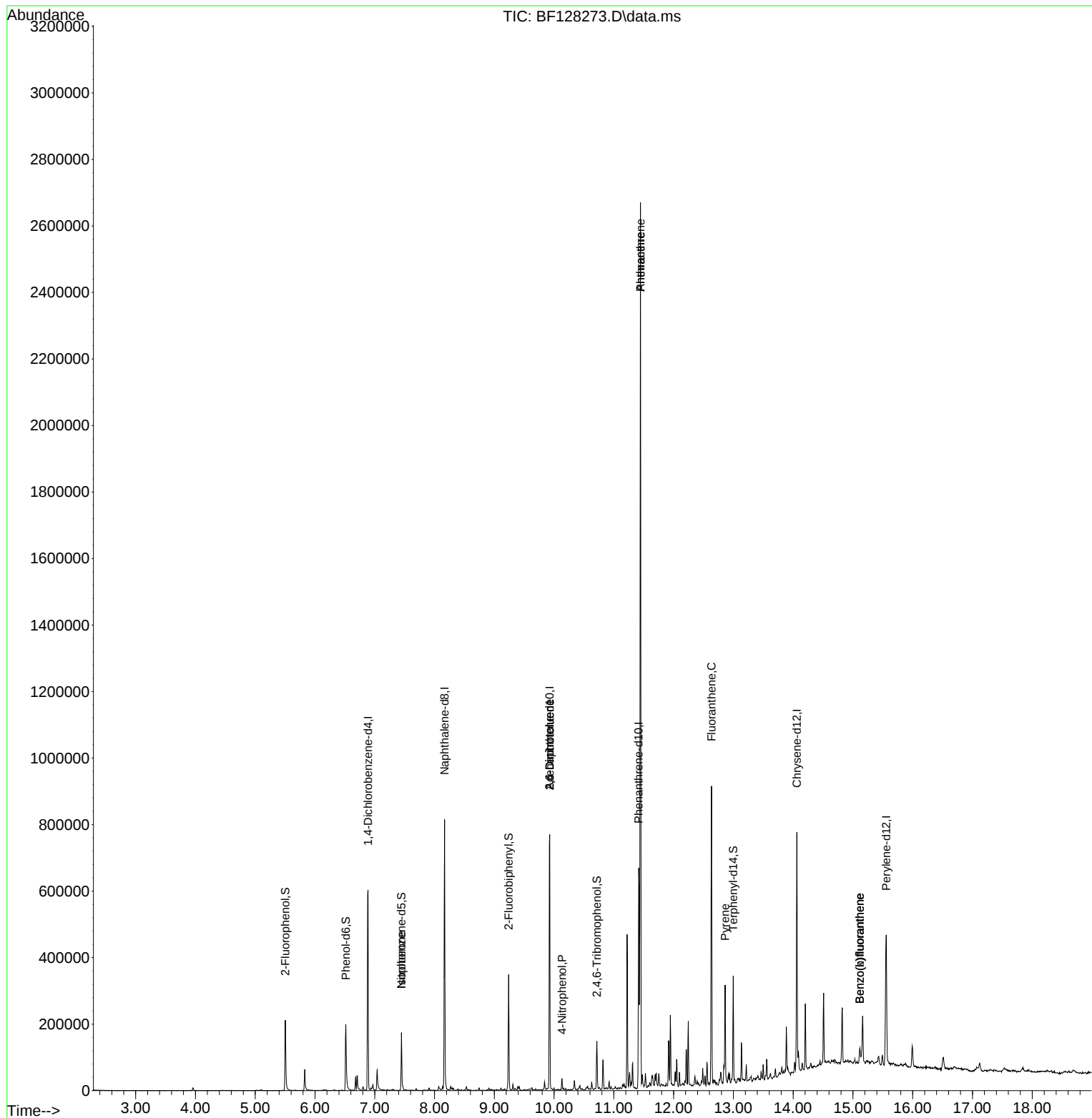
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	86099	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	321861	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	161759	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	257333	20.000	ng	0.00
76) Chrysene-d12	14.063	240	220534	20.000	ng	0.00
86) Perylene-d12	15.557	264	146100	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	57854	10.712	ng	0.00
7) Phenol-d6	6.516	99	77939	10.910	ng	-0.01
23) Nitrobenzene-d5	7.445	82	50974	7.126	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	13669	7.368	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	91062	8.808	ng	-0.01
79) Terphenyl-d14	12.998	244	91857	7.816	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.445	77	395	Below Cal	#	73
25) Isophorone	7.445	82	50973	4.545	ng	# 68
51) 2,6-Dinitrotoluene	9.928	165	21192	9.255	ng	# 22
56) 4-Nitrophenol	10.133	139	5079	2.928	ng	# 3
57) 2,4-Dinitrotoluene	9.928	165	21192	6.921	ng	# 26
71) Phenanthrene	11.445	178	916460	71.523	ng	100
72) Anthracene	11.445	178	916460	71.636	ng	99
75) Fluoranthene	12.633	202	321853	23.168	ng	98
78) Pyrene	12.863	202	92986	5.815	ng	99
88) Benzo(b)fluoranthene	15.116	252	32965	3.640	ng	# 91
89) Benzo(k)fluoranthene	15.116	252	32965	3.687	ng	# 89

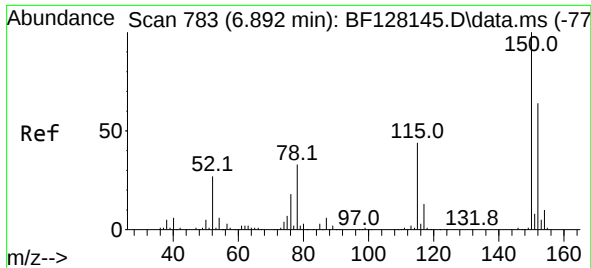
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
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Quant Time: May 17 06:22:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
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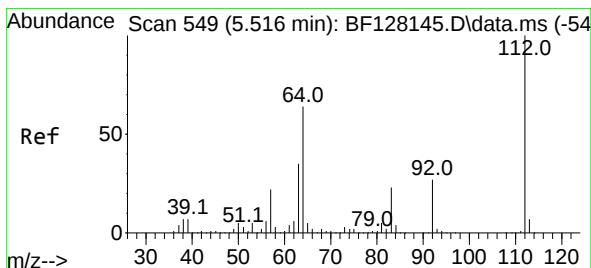
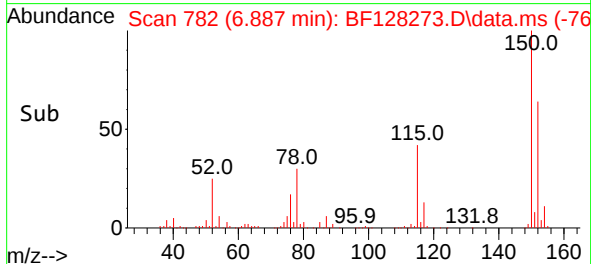
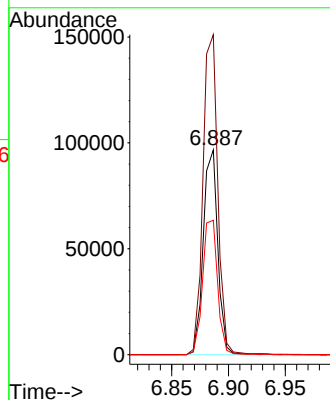
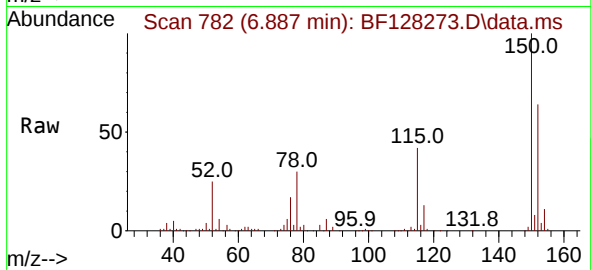




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128273.D
Acq: 16 May 2022 17:43

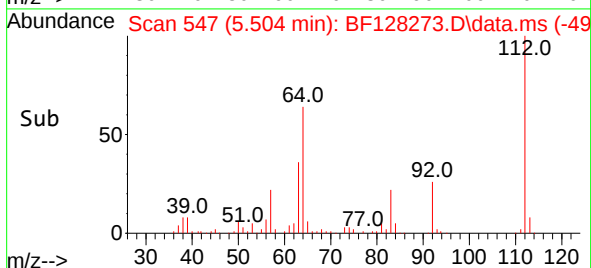
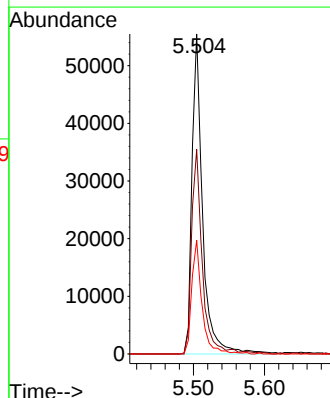
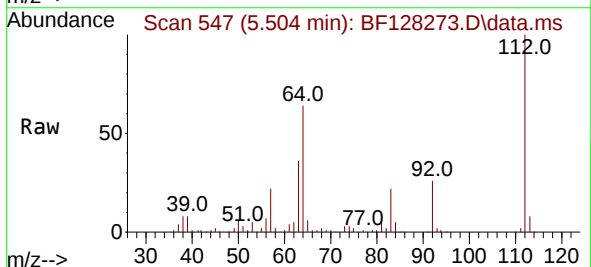
Instrument :
BNA_F
ClientSampleId :
SC-13DL

Tgt Ion:152 Resp: 86099
Ion Ratio Lower Upper
152 100
150 156.2 125.3 187.9
115 65.6 48.8 73.2



#5
2-Fluorophenol
Concen: 10.712 ng
RT: 5.504 min Scan# 547
Delta R.T. -0.006 min
Lab File: BF128273.D
Acq: 16 May 2022 17:43

Tgt Ion:112 Resp: 57854
Ion Ratio Lower Upper
112 100
64 64.0 49.5 74.3
63 35.6 26.3 39.5

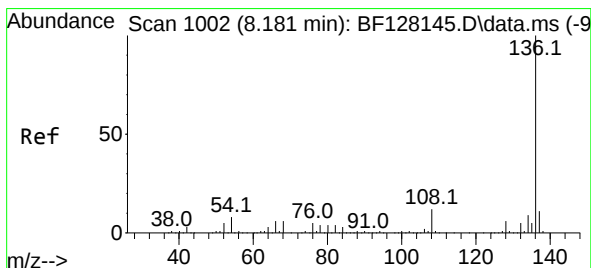
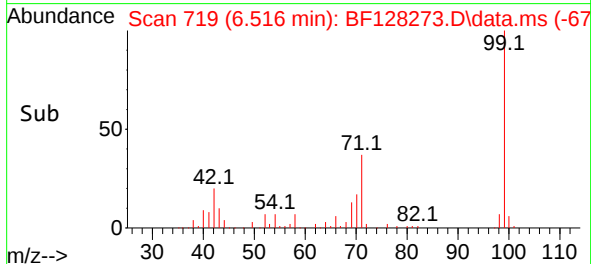
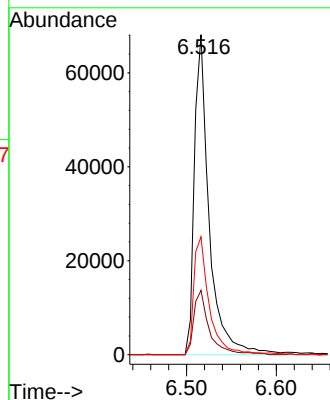
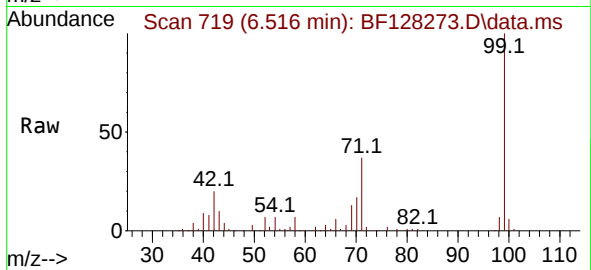




#7
Phenol-d6
Concen: 10.910 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128273.D
Acq: 16 May 2022 17:43

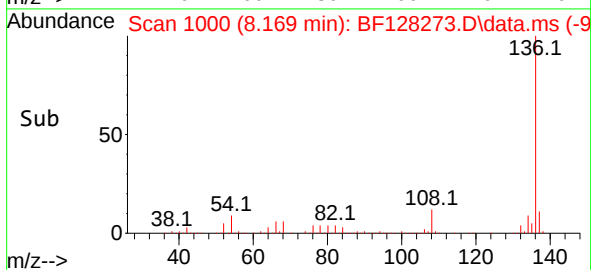
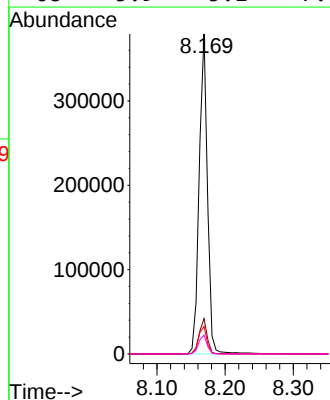
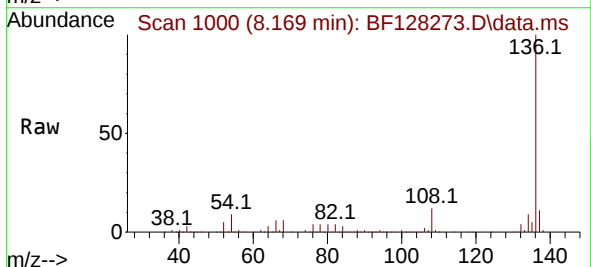
Instrument :
BNA_F
ClientSampleId :
SC-13DL

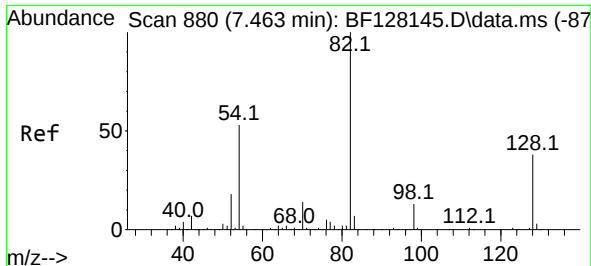
Tgt Ion: 99 Resp: 77939
Ion Ratio Lower Upper
99 100
42 20.1 16.6 24.8
71 36.9 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BF128273.D
Acq: 16 May 2022 17:43

Tgt Ion: 136 Resp: 321861
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.6 6.8 10.2
68 5.9 5.1 7.7

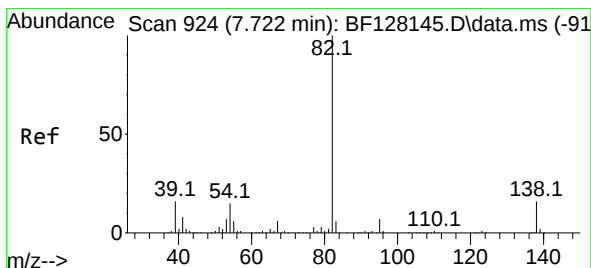
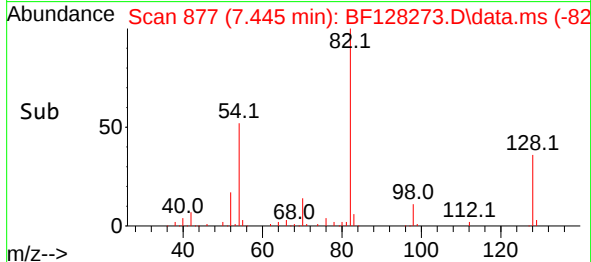
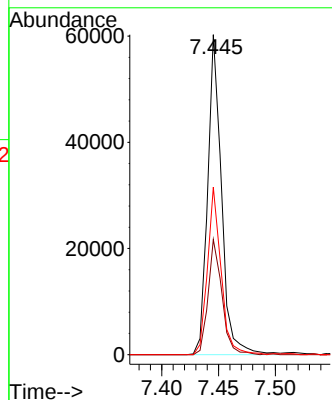
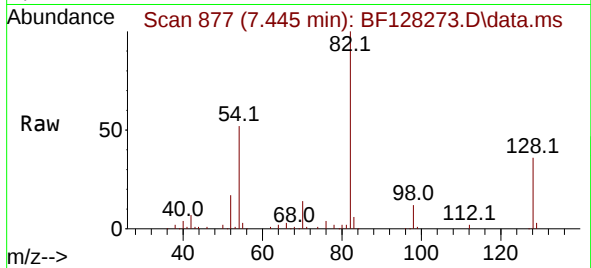




#23
Nitrobenzene-d5
Concen: 7.126 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF128273.D
Acq: 16 May 2022 17:43

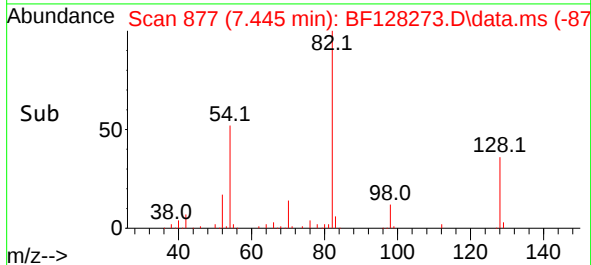
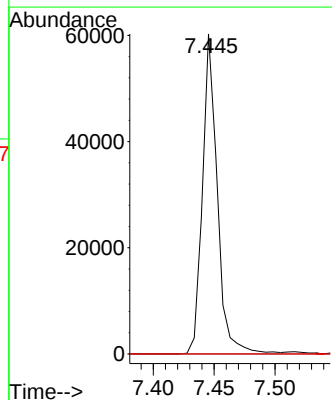
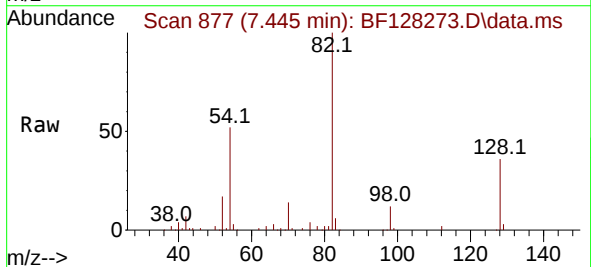
Instrument :
BNA_F
ClientSampleId :
SC-13DL

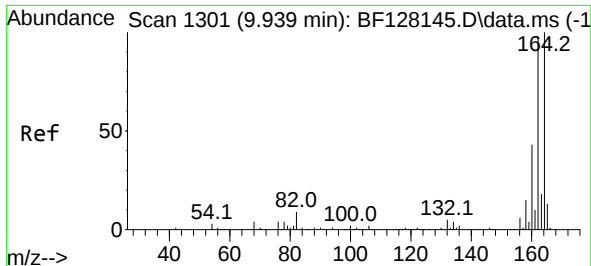
Tgt Ion: 82 Resp: 50974
Ion Ratio Lower Upper
82 100
128 36.0 30.0 45.0
54 52.3 41.3 61.9



#25
Isophorone
Concen: 4.545 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.271 min
Lab File: BF128273.D
Acq: 16 May 2022 17:43

Tgt Ion: 82 Resp: 50973
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#

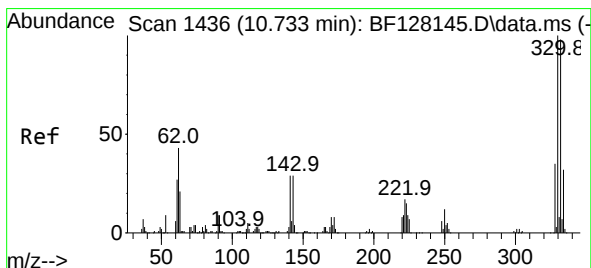
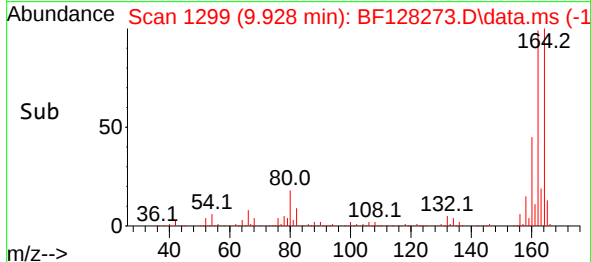
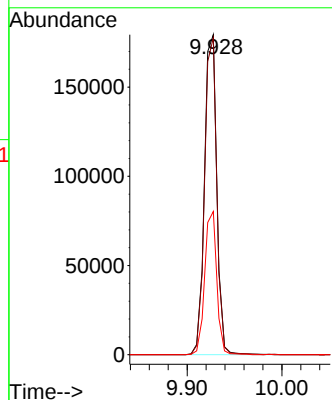
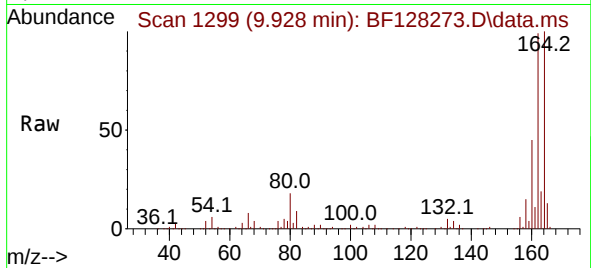




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128273.D
Acq: 16 May 2022 17:43

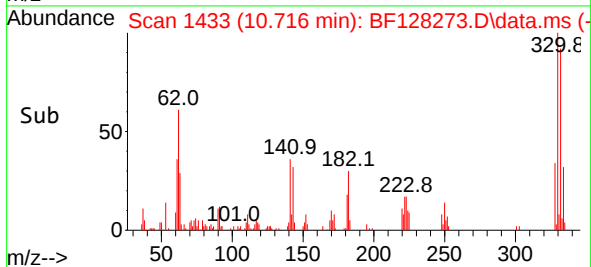
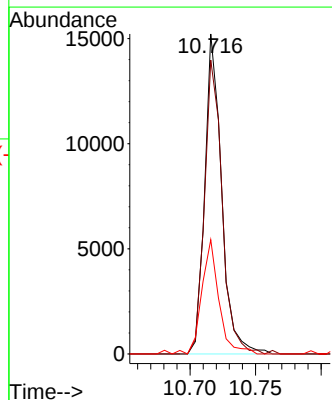
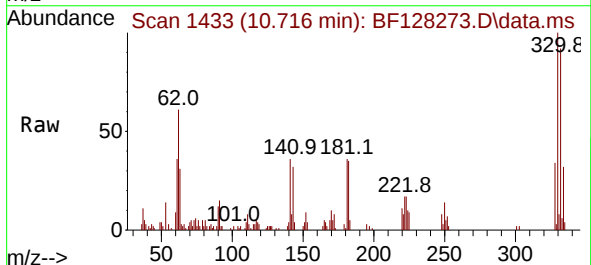
Instrument :
BNA_F
ClientSampleId :
SC-13DL

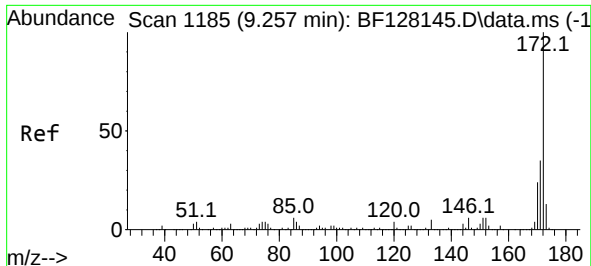
Tgt Ion:164 Resp: 161759
Ion Ratio Lower Upper
164 100
162 99.1 76.0 114.0
160 44.8 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 7.368 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.012 min
Lab File: BF128273.D
Acq: 16 May 2022 17:43

Tgt Ion:330 Resp: 13669
Ion Ratio Lower Upper
330 100
332 96.0 79.0 118.4
141 36.2 28.9 43.3





#45

2-Fluorobiphenyl

Concen: 8.808 ng

RT: 9.239 min Scan# 1182

Delta R.T. -0.012 min

Lab File: BF128273.D

Acq: 16 May 2022 17:43

Instrument :

BNA_F

ClientSampleId :

SC-13DL

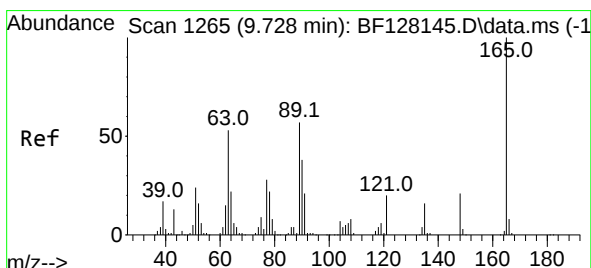
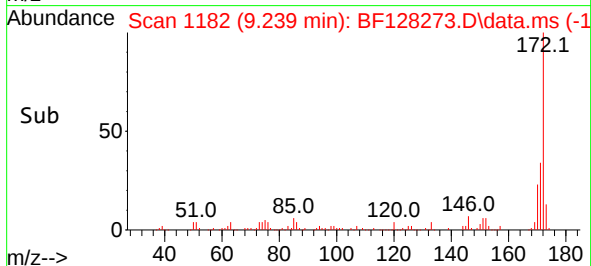
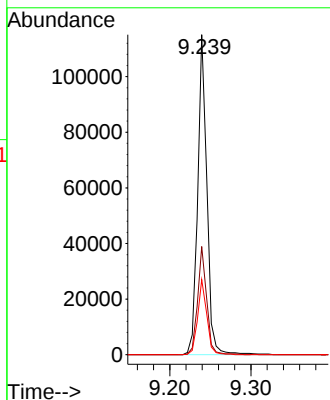
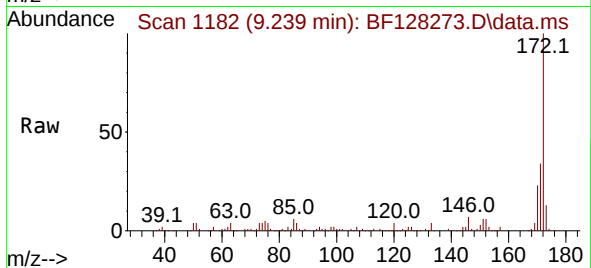
Tgt Ion:172 Resp: 91062

Ion Ratio Lower Upper

172 100

171 33.8 28.6 42.8

170 23.5 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 9.255 ng

RT: 9.928 min Scan# 1299

Delta R.T. 0.206 min

Lab File: BF128273.D

Acq: 16 May 2022 17:43

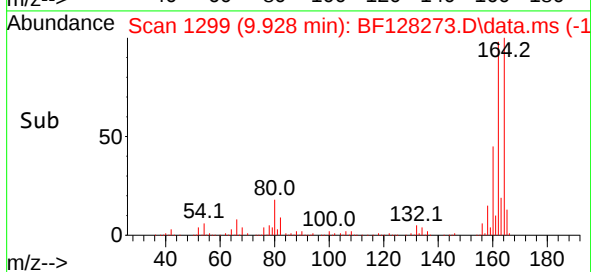
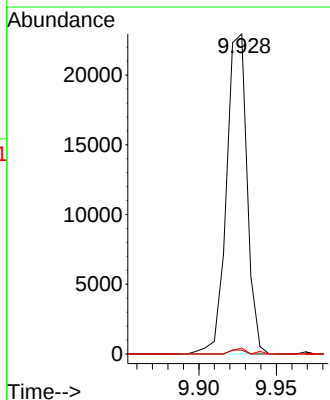
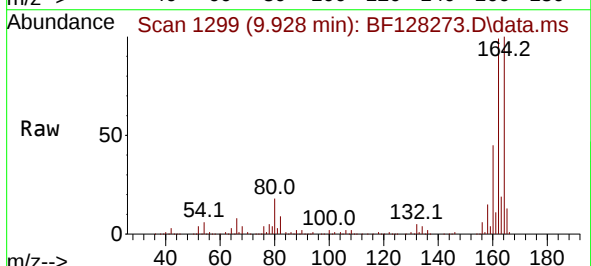
Tgt Ion:165 Resp: 21192

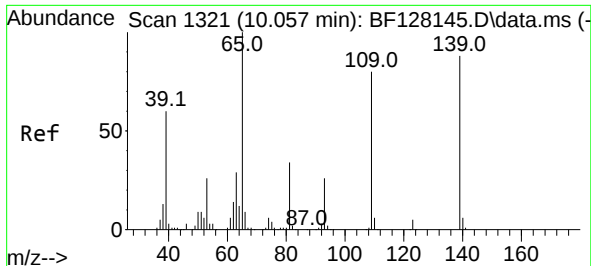
Ion Ratio Lower Upper

165 100

63 1.2 49.5 74.3#

89 1.8 49.0 73.4#

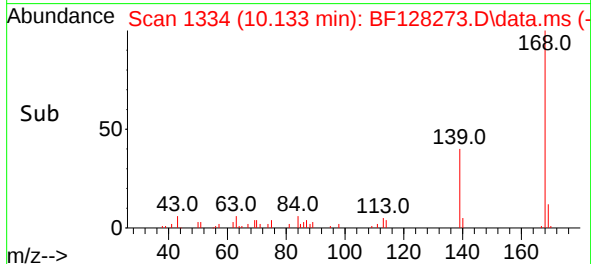
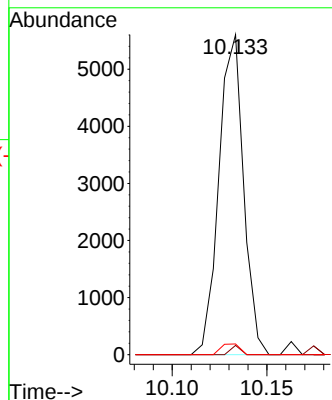
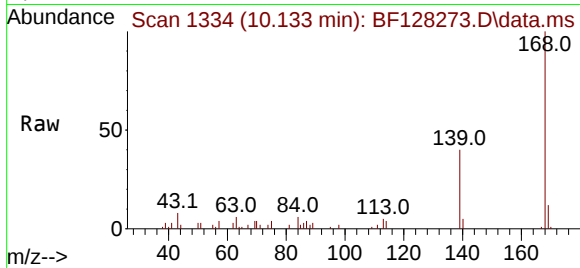




#56
4-Nitrophenol
Concen: 2.928 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.077 min
Lab File: BF128273.D
Acq: 16 May 2022 17:43

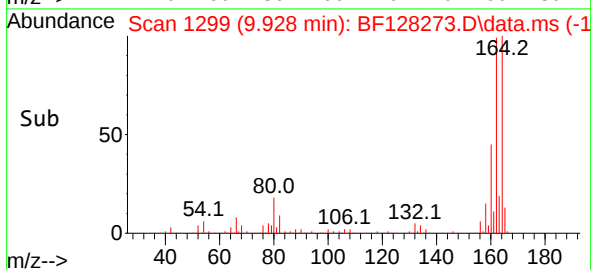
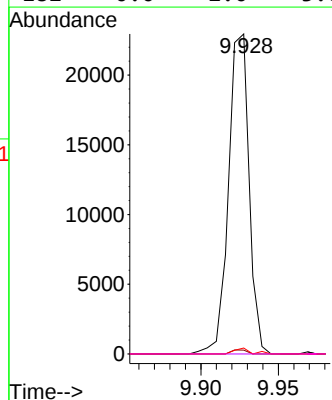
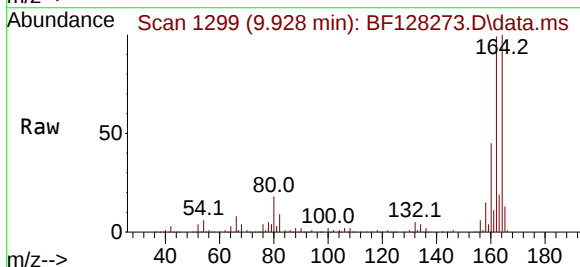
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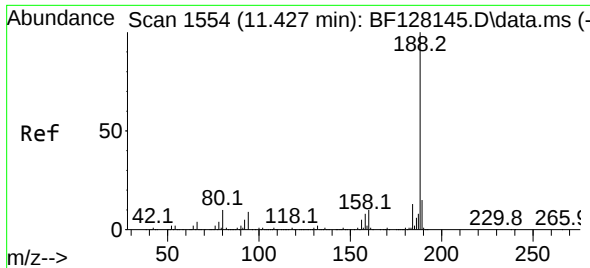
Tgt Ion:139 Resp: 5079
Ion Ratio Lower Upper
139 100
109 2.9 61.9 101.9#
65 3.4 93.5 133.5#



#57
2,4-Dinitrotoluene
Concen: 6.921 ng
RT: 9.928 min Scan# 1299
Delta R.T. -0.200 min
Lab File: BF128273.D
Acq: 16 May 2022 17:43

Tgt Ion:165 Resp: 21192
Ion Ratio Lower Upper
165 100
63 1.2 32.6 49.0#
89 1.8 55.2 82.8#
182 0.0 2.0 3.0#

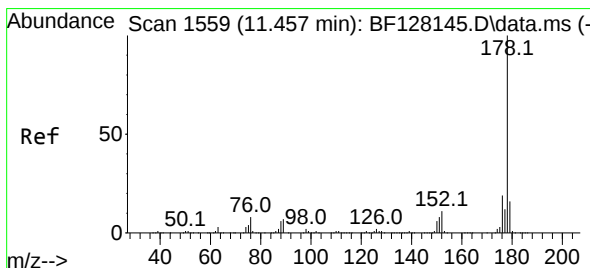
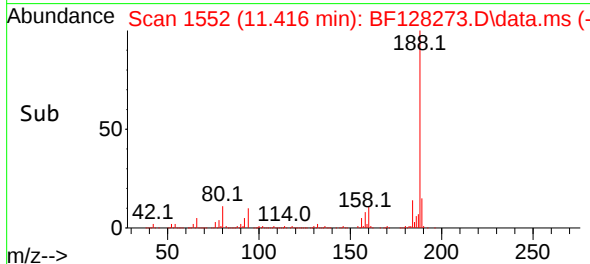
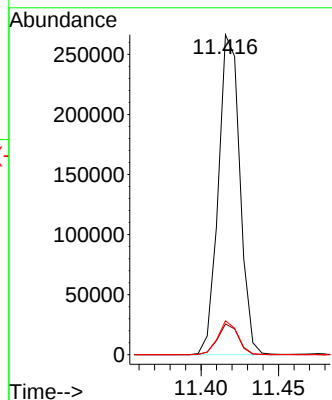
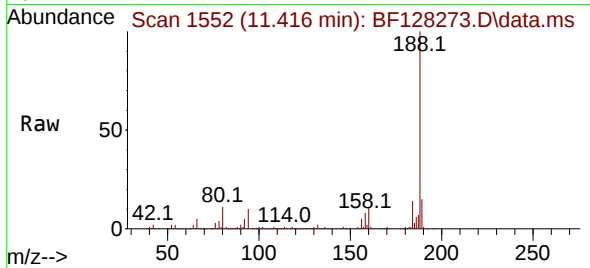




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1552
Delta R.T. -0.006 min
Lab File: BF128273.D
Acq: 16 May 2022 17:43

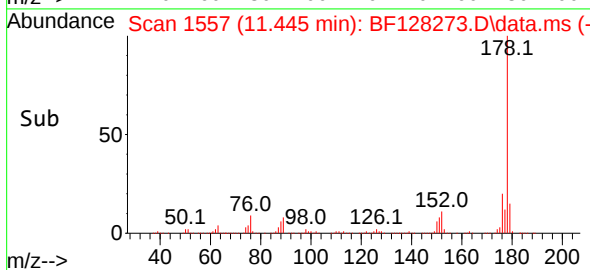
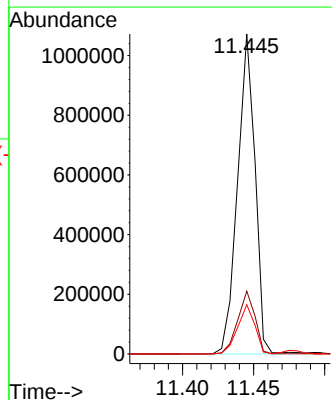
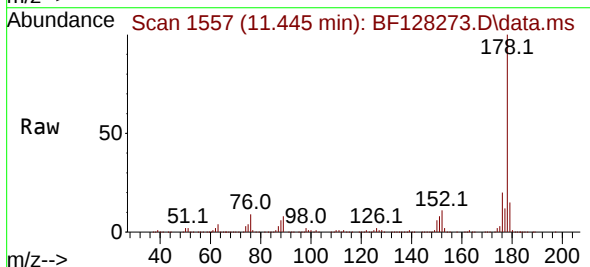
Instrument :
BNA_F
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SC-13DL

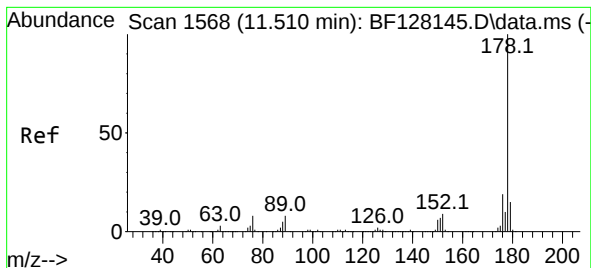
Tgt Ion:188 Resp: 257333
Ion Ratio Lower Upper
188 100
94 9.6 8.0 12.0
80 10.6 8.9 13.3



#71
Phenanthrene
Concen: 71.523 ng
RT: 11.445 min Scan# 1557
Delta R.T. -0.006 min
Lab File: BF128273.D
Acq: 16 May 2022 17:43

Tgt Ion:178 Resp: 916460
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 15.4 12.6 19.0





#72

Anthracene

Concen: 71.636 ng

RT: 11.445 min Scan# 1

Delta R.T. -0.059 min

Lab File: BF128273.D

Acq: 16 May 2022 17:43

Instrument :

BNA_F

ClientSampleId :

SC-13DL

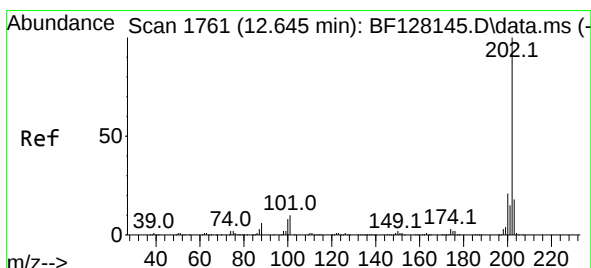
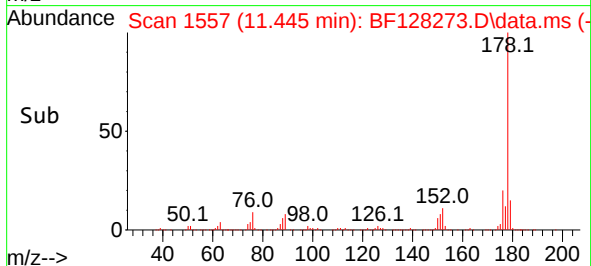
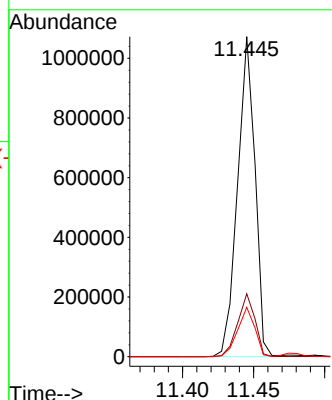
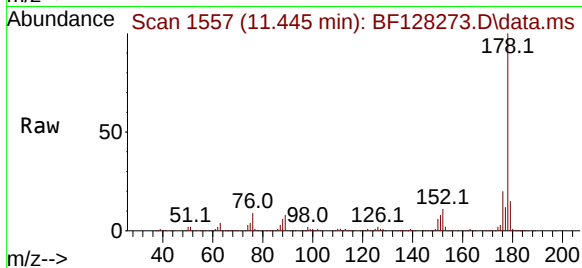
Tgt Ion:178 Resp: 916460

Ion Ratio Lower Upper

178 100

176 19.7 15.0 22.6

179 15.4 12.4 18.6



#75

Fluoranthene

Concen: 23.168 ng

RT: 12.633 min Scan# 1759

Delta R.T. -0.006 min

Lab File: BF128273.D

Acq: 16 May 2022 17:43

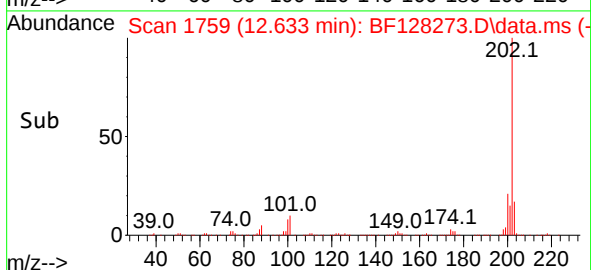
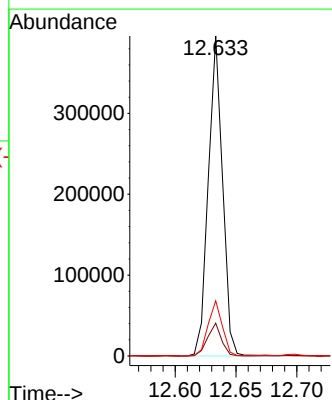
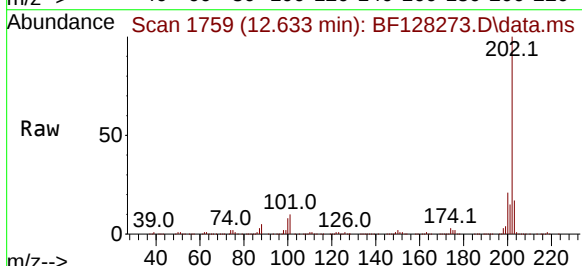
Tgt Ion:202 Resp: 321853

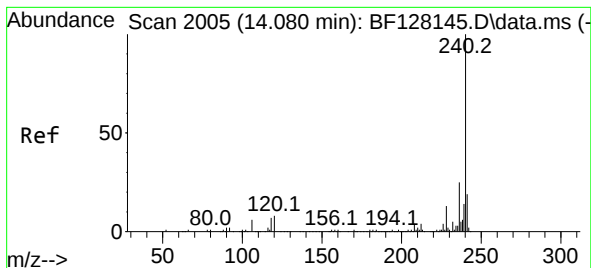
Ion Ratio Lower Upper

202 100

101 10.3 0.0 31.6

203 17.3 0.0 38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF128273.D

Acq: 16 May 2022 17:43

Instrument :

BNA_F

ClientSampleId :

SC-13DL

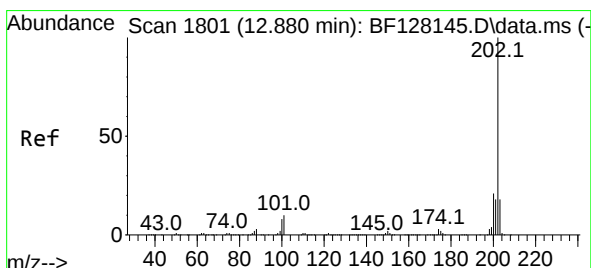
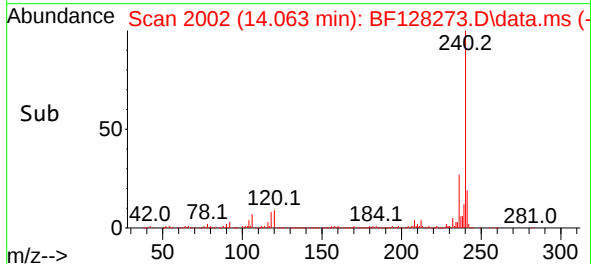
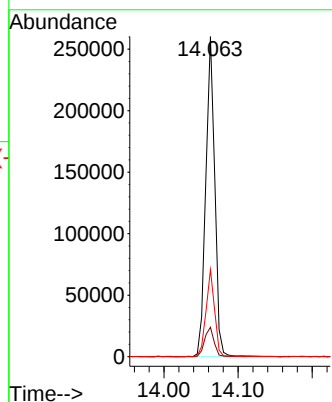
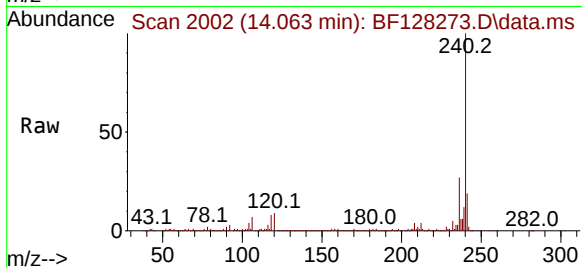
Tgt Ion:240 Resp: 220534

Ion Ratio Lower Upper

240 100

120 9.2 7.0 10.6

236 27.2 20.3 30.5



#78

Pyrene

Concen: 5.815 ng

RT: 12.863 min Scan# 1798

Delta R.T. -0.006 min

Lab File: BF128273.D

Acq: 16 May 2022 17:43

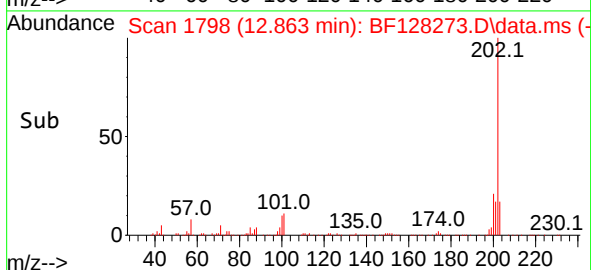
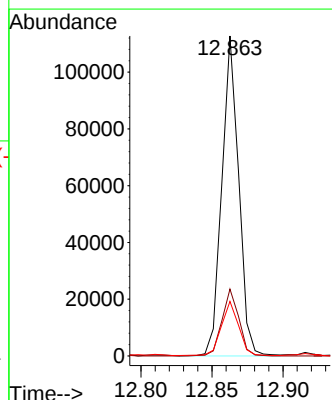
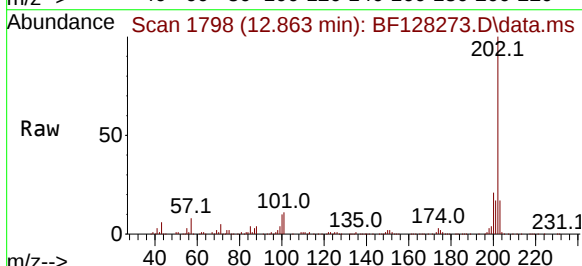
Tgt Ion:202 Resp: 92986

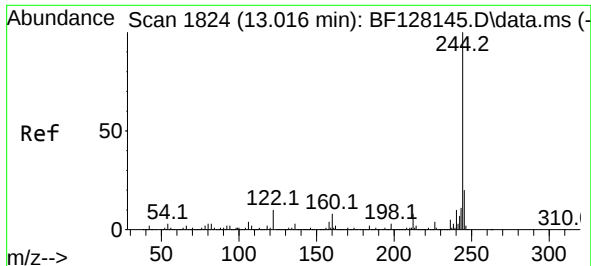
Ion Ratio Lower Upper

202 100

200 20.9 17.4 26.2

203 17.1 14.0 21.0

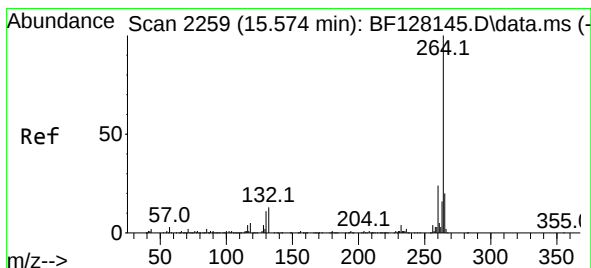
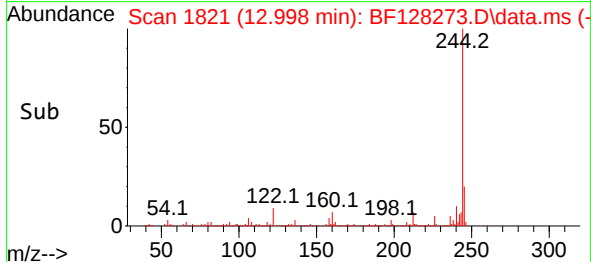
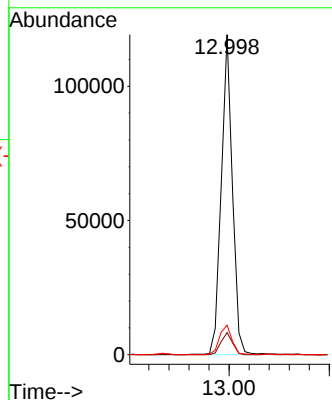
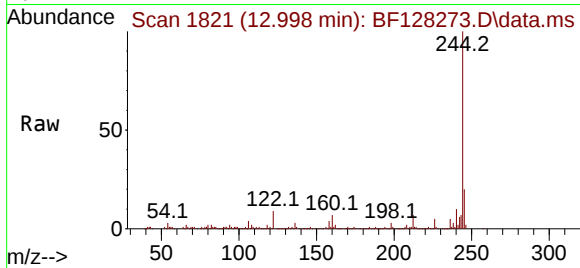




#79
 Terphenyl-d14
 Concen: 7.816 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF128273.D
 Acq: 16 May 2022 17:43

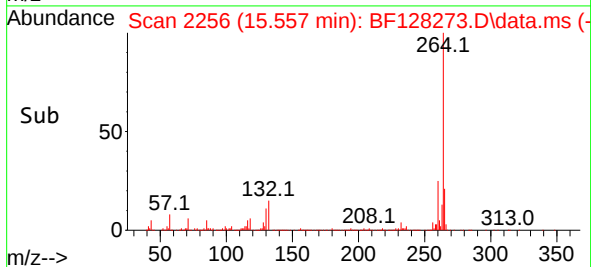
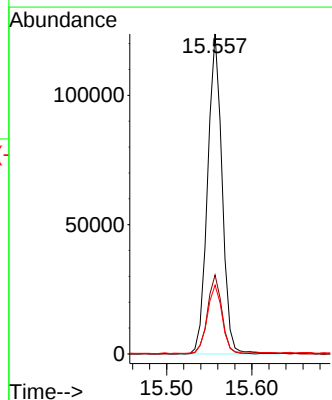
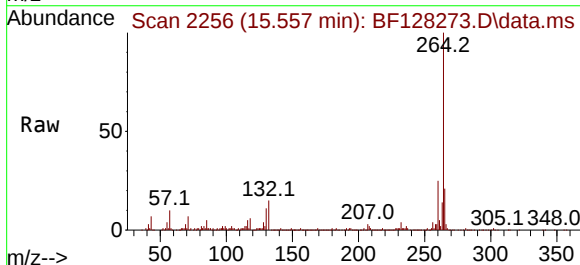
Instrument :
 BNA_F
 ClientSampleId :
 SC-13DL

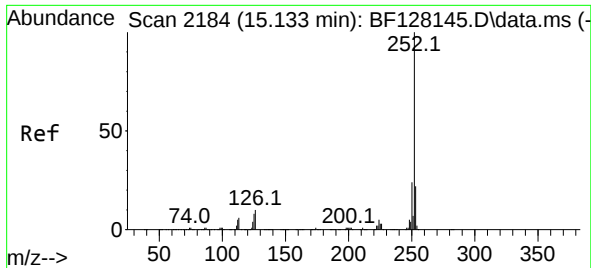
Tgt Ion:244 Resp: 91857
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.2 9.4
 122 9.2 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2256
 Delta R.T. -0.006 min
 Lab File: BF128273.D
 Acq: 16 May 2022 17:43

Tgt Ion:264 Resp: 146100
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.1 30.1
 265 21.5 17.5 26.3

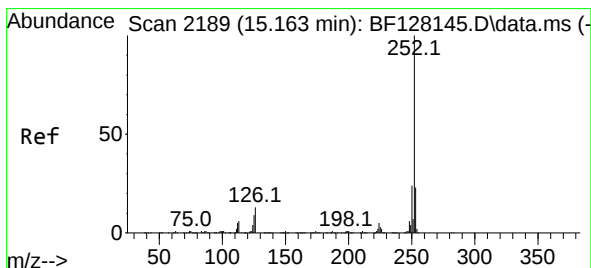
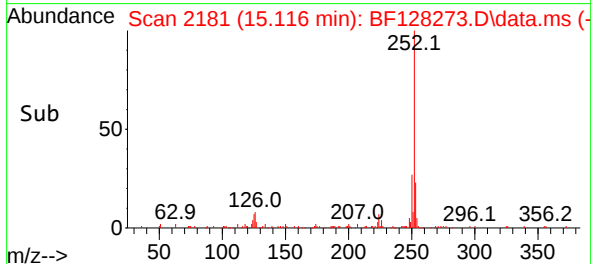
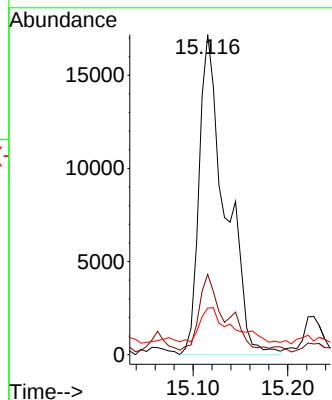
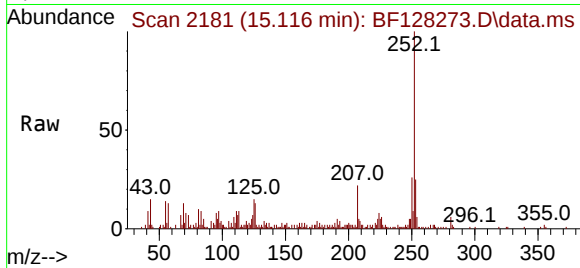




#88
Benzo(b)fluoranthene
Concen: 3.640 ng
RT: 15.116 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BF128273.D
Acq: 16 May 2022 17:43

Instrument :
BNA_F
ClientSampleId :
SC-13DL

Tgt Ion:252 Resp: 32965
Ion Ratio Lower Upper
252 100
253 25.1 17.4 26.2
125 14.5 7.4 11.2#



#89
Benzo(k)fluoranthene
Concen: 3.687 ng
RT: 15.116 min Scan# 2181
Delta R.T. -0.035 min
Lab File: BF128273.D
Acq: 16 May 2022 17:43

Tgt Ion:252 Resp: 32965
Ion Ratio Lower Upper
252 100
253 25.1 17.0 25.4
125 14.5 6.8 10.2#

