

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091922\
 Data File : BF130321.D
 Acq On : 19 Sep 2022 15:19
 Operator : CG\JU
 Sample : N4656-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Quant Time: Sep 20 02:24:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

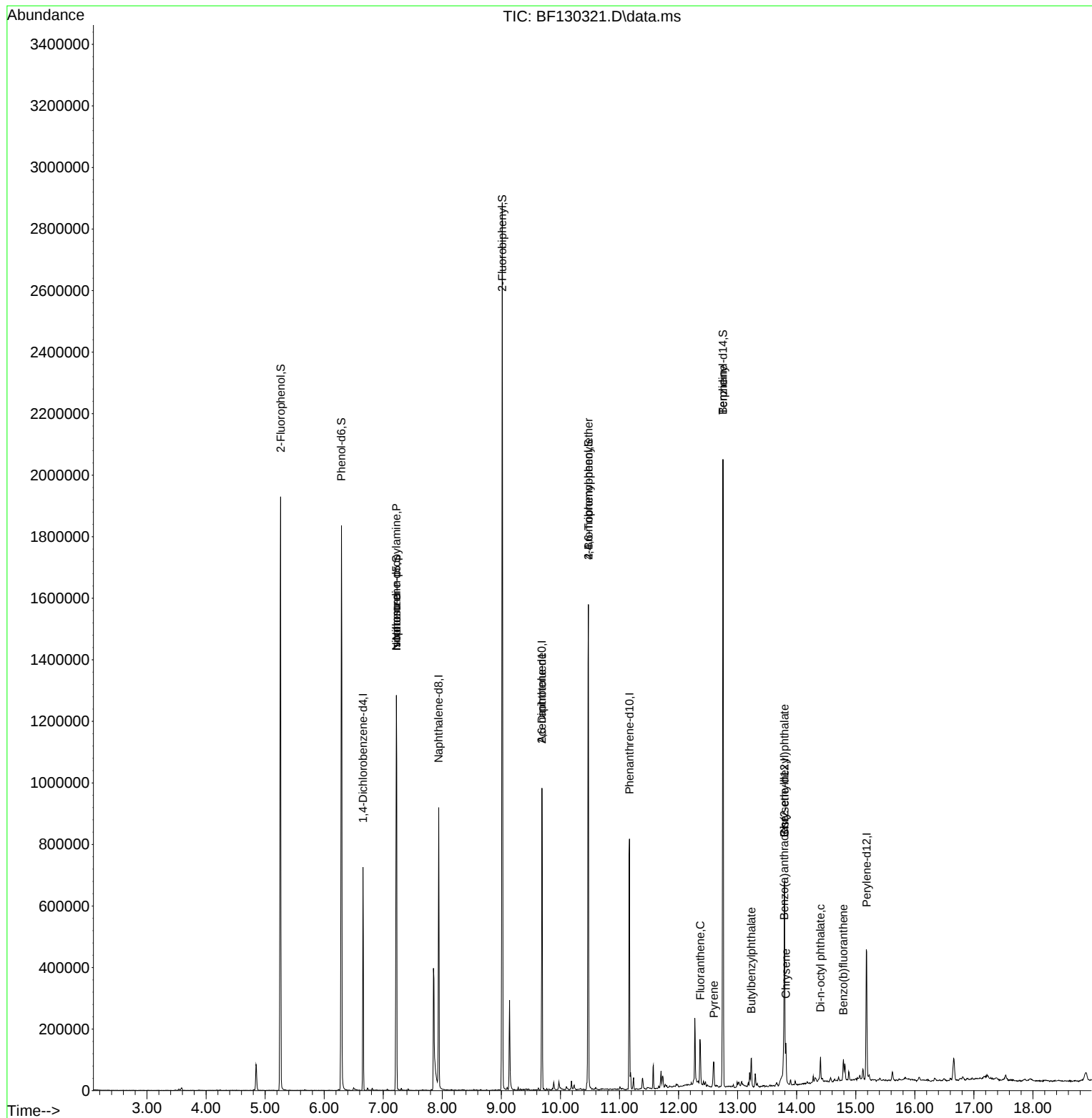
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.657	152	92117	20.000	ng	0.00
21) Naphthalene-d8	7.939	136	359279	20.000	ng	0.00
39) Acenaphthene-d10	9.686	164	187575	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	286696	20.000	ng	0.00
76) Chrysene-d12	13.792	240	148660	20.000	ng	-0.01
86) Perylene-d12	15.186	264	182119	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	523080	98.490	ng	0.00
7) Phenol-d6	6.292	99	653782	98.383	ng	0.00
23) Nitrobenzene-d5	7.222	82	426963	60.713	ng	-0.01
42) 2,4,6-Tribromophenol	10.475	330	176816	98.377	ng	0.00
45) 2-Fluorobiphenyl	9.016	172	797155	61.885	ng	0.00
79) Terphenyl-d14	12.751	244	662026	73.768	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.222	70	58099	12.957	ng	# 75
25) Isophorone	7.222	82	425517	37.541	ng	# 66
51) 2,6-Dinitrotoluene	9.686	165	24241	8.946	ng	# 16
67) 4-Bromophenyl-phenylether	10.475	248	11026	3.486	ng	# 1
75) Fluoranthene	12.369	202	41577	2.673	ng	98
77) Benzidine	12.751	184	10435	2.418	ng	# 93
78) Pyrene	12.598	202	44321	3.408	ng	100
80) Butylbenzylphthalate	13.233	149	22693	4.710	ng	99
81) Benzo(a)anthracene	13.786	228	57985	5.863	ng	99
83) Chrysene	13.815	228	57016	6.072	ng	98
84) Bis(2-ethylhexyl)phtha...	13.792	149	33169	6.011	ng	94
85) Di-n-octyl phthalate	14.404	149	33220	3.936	ng	# 80
88) Benzo(b)fluoranthene	14.792	252	35717	3.005	ng	99

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

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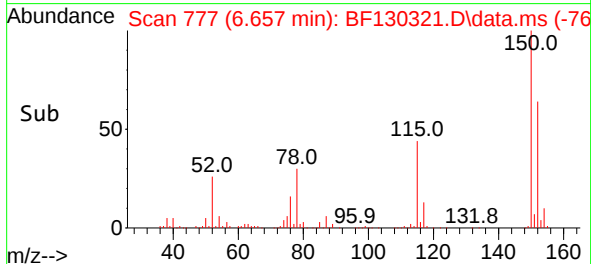
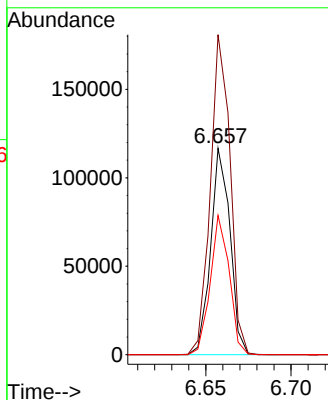
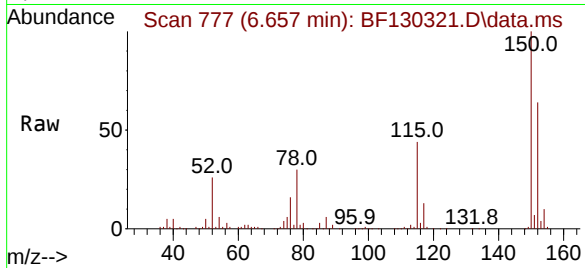




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.657 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130321.D
 Acq: 19 Sep 2022 15:19

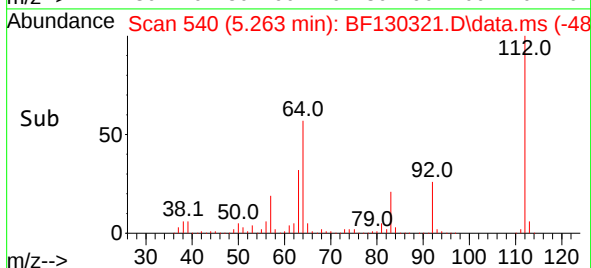
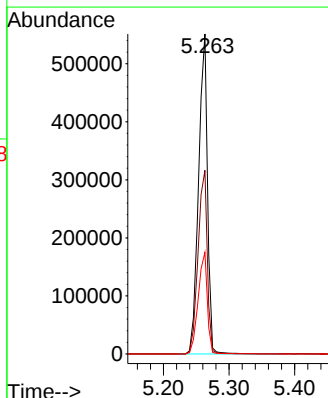
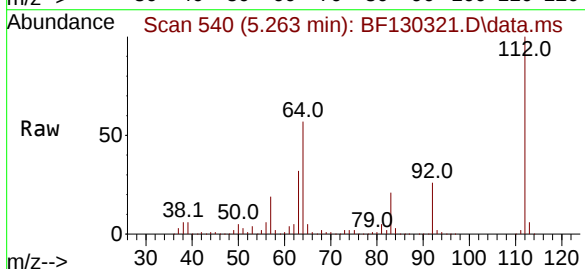
Instrument :
 BNA_F
 ClientSampleId :
 SP-1

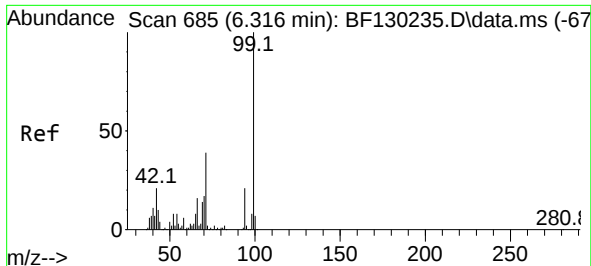
Tgt Ion:152 Resp: 92117
 Ion Ratio Lower Upper
 152 100
 150 155.1 122.8 184.2
 115 67.5 53.8 80.8



#5
 2-Fluorophenol
 Concen: 98.490 ng
 RT: 5.263 min Scan# 540
 Delta R.T. 0.006 min
 Lab File: BF130321.D
 Acq: 19 Sep 2022 15:19

Tgt Ion:112 Resp: 523080
 Ion Ratio Lower Upper
 112 100
 64 57.4 51.4 77.0
 63 31.8 28.8 43.2





#7
Phenol-d6
Concen: 98.383 ng
RT: 6.292 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130321.D
Acq: 19 Sep 2022 15:19

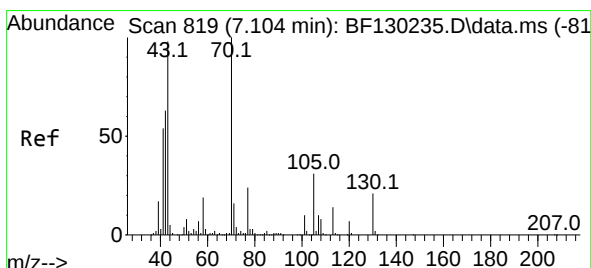
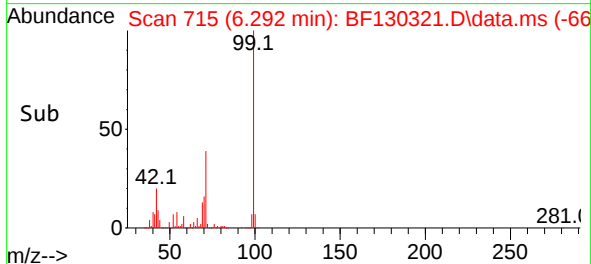
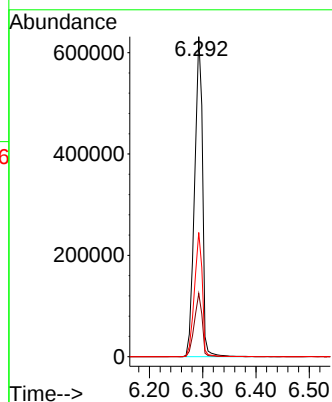
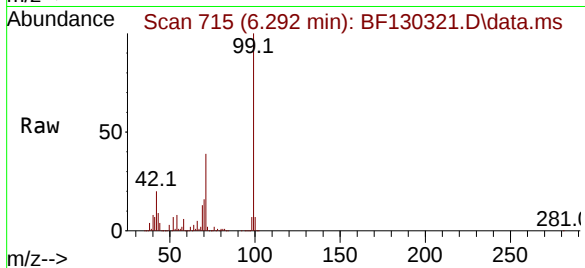
Instrument :

BNA_F

ClientSampleId :

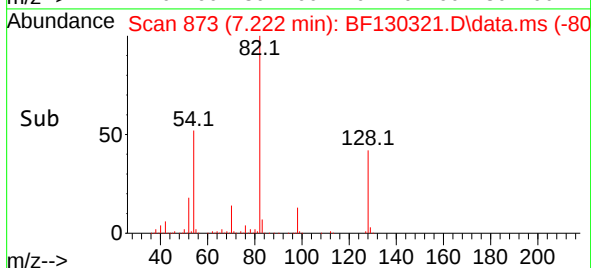
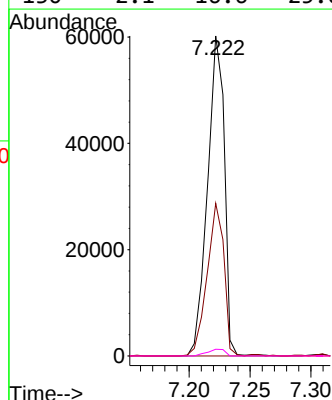
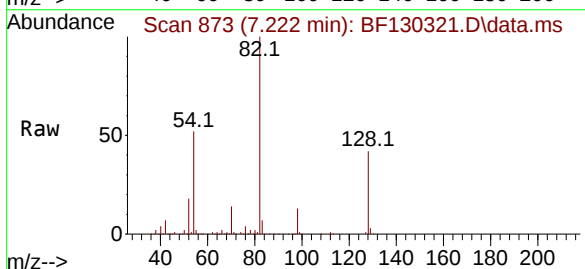
SP-1

Tgt Ion: 99 Resp: 653782
Ion Ratio Lower Upper
99 100
42 19.8 17.0 25.6
71 38.8 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.957 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.129 min
Lab File: BF130321.D
Acq: 19 Sep 2022 15:19

Tgt Ion: 70 Resp: 58099
Ion Ratio Lower Upper
70 100
42 47.7 50.8 76.2#
101 0.0 8.2 12.4#
130 2.1 16.6 25.0#

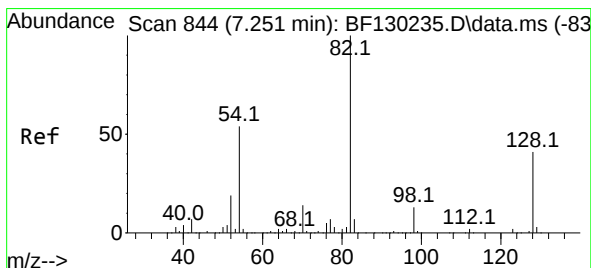
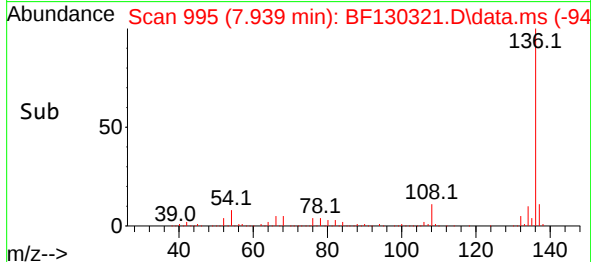
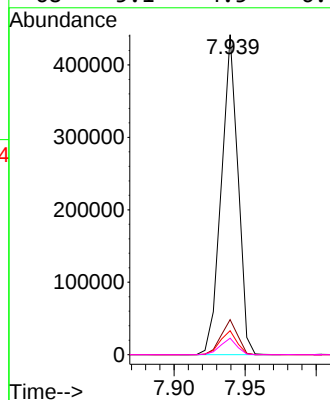
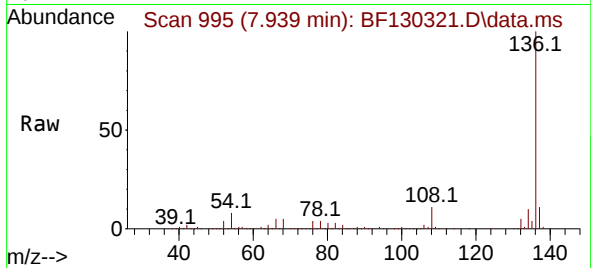




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.939 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF130321.D
Acq: 19 Sep 2022 15:19

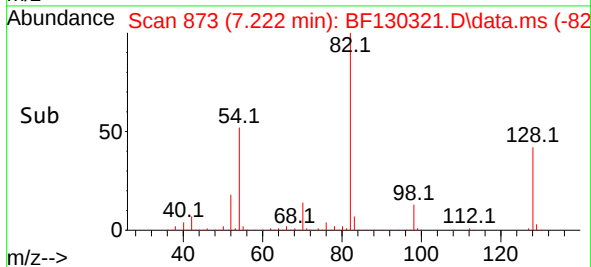
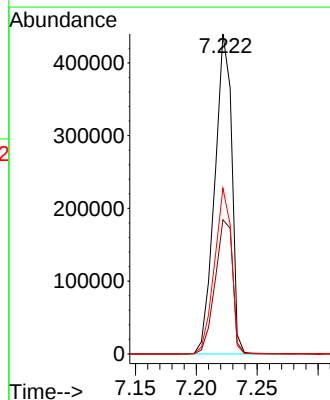
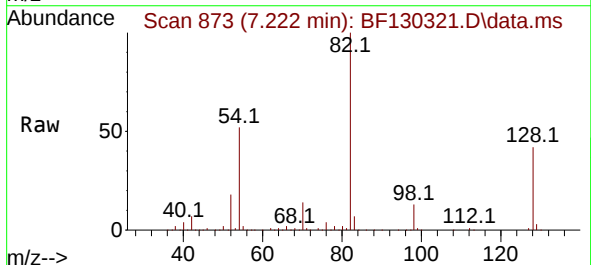
Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:136	Resp: 359279
Ion Ratio	Lower Upper
136 100	
137 11.0	9.1 13.7
54 7.5	7.1 10.7
68 5.1	4.5 6.7



#23
Nitrobenzene-d5
Concen: 60.713 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF130321.D
Acq: 19 Sep 2022 15:19

Tgt Ion: 82	Resp: 426963
Ion Ratio	Lower Upper
82 100	
128 42.0	32.6 49.0
54 51.8	43.8 65.6

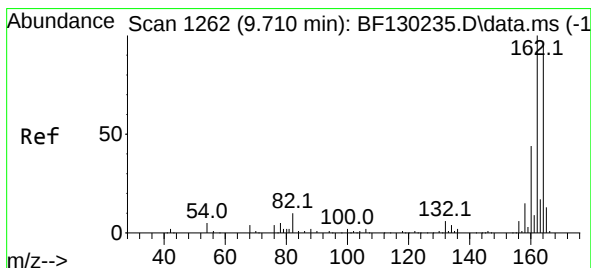
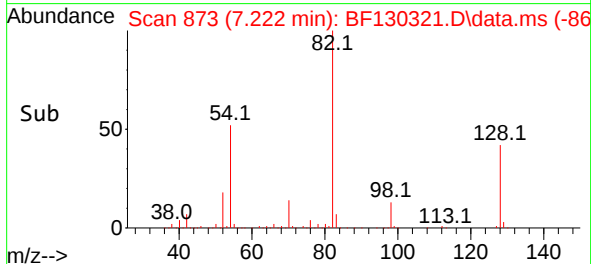
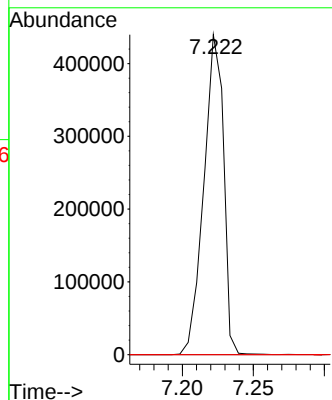
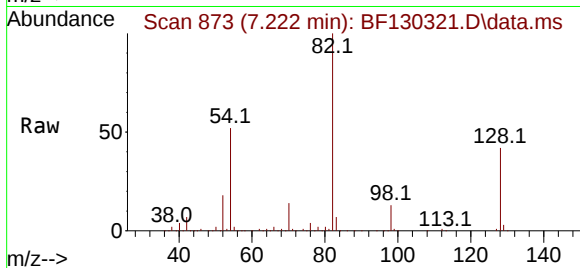




#25
Isophorone
Concen: 37.541 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF130321.D
Acq: 19 Sep 2022 15:19

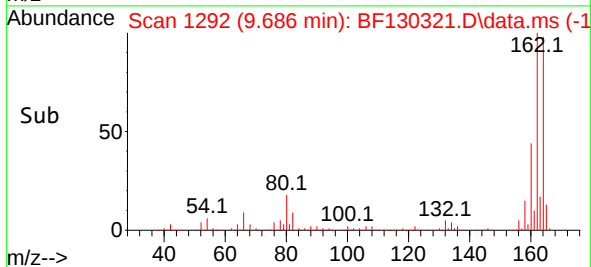
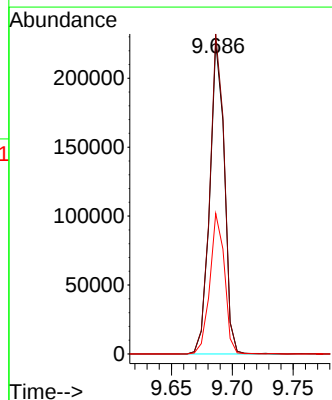
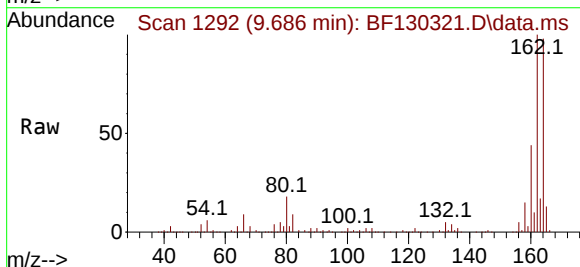
Instrument :
BNA_F
ClientSampleId :
SP-1

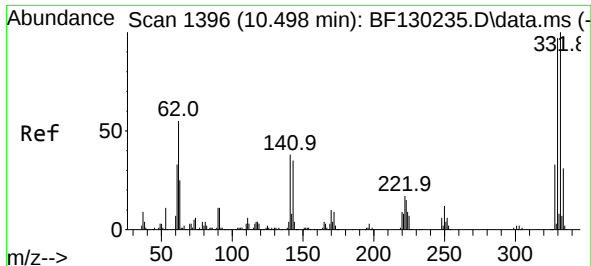
Tgt Ion: 82 Resp: 425517
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF130321.D
Acq: 19 Sep 2022 15:19

Tgt Ion: 164 Resp: 187575
Ion Ratio Lower Upper
164 100
162 102.5 81.4 122.0
160 45.0 36.2 54.4

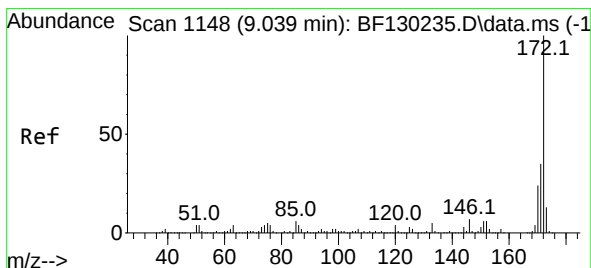
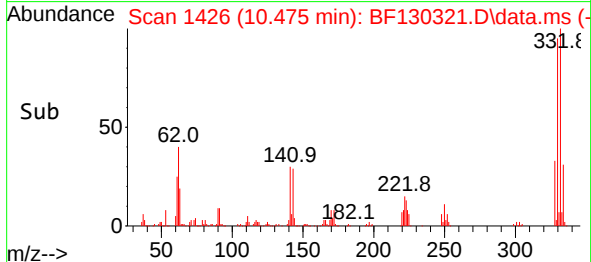
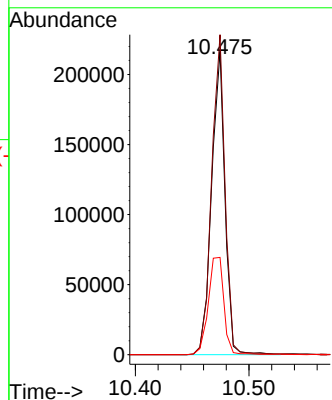
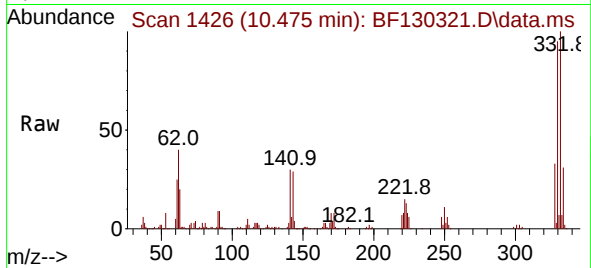




#42
2,4,6-Tribromophenol
Concen: 98.377 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF130321.D
Acq: 19 Sep 2022 15:19

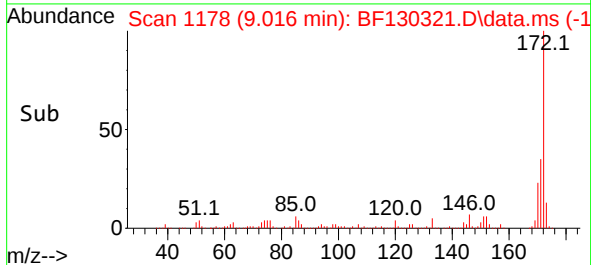
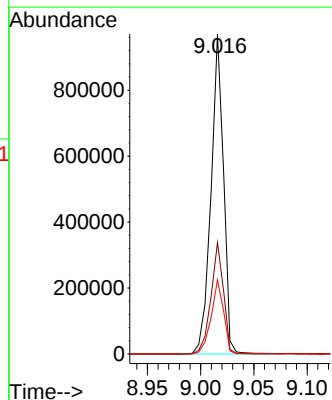
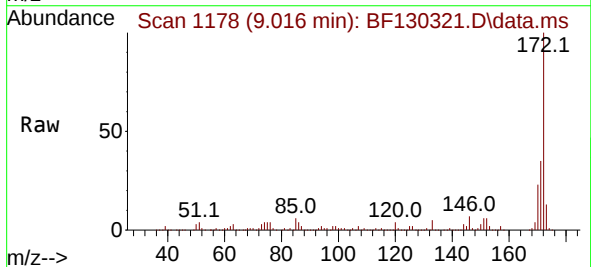
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ClientSampleId :
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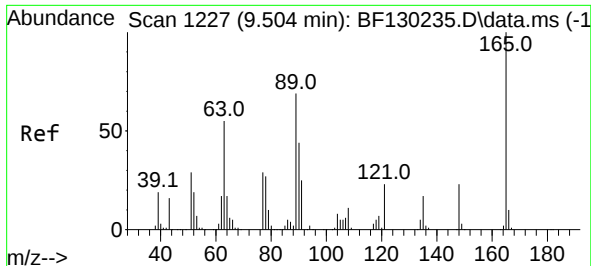
Tgt Ion:330 Resp: 176816
Ion Ratio Lower Upper
330 100
332 106.3 83.4 125.2
141 37.4 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 61.885 ng
RT: 9.016 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF130321.D
Acq: 19 Sep 2022 15:19

Tgt Ion:172 Resp: 797155
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.2 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 8.946 ng

RT: 9.686 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF130321.D

Acq: 19 Sep 2022 15:19

Instrument :

BNA_F

ClientSampleId :

SP-1

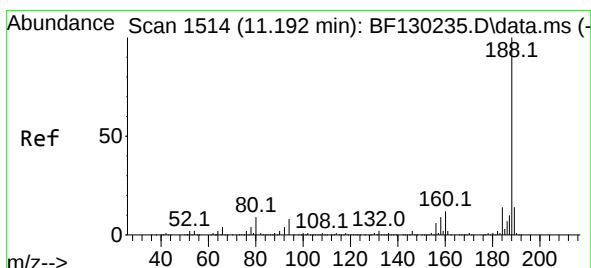
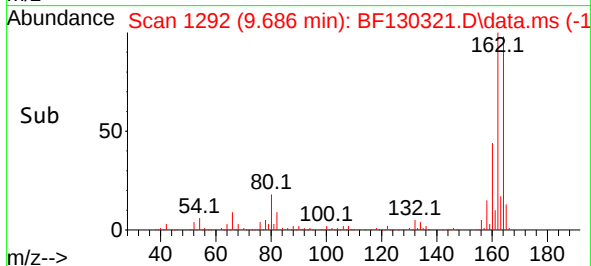
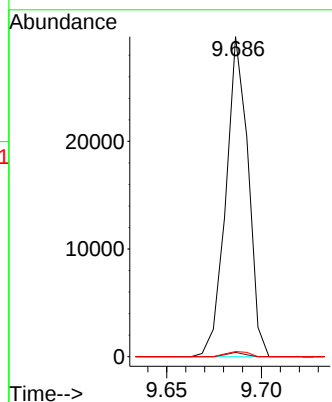
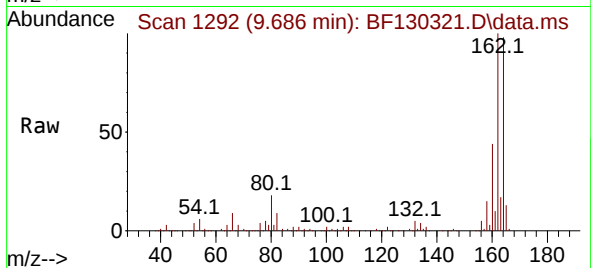
Tgt Ion:165 Resp: 24241

Ion Ratio Lower Upper

165 100

63 1.3 58.8 88.2#

89 1.6 54.5 81.7#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.169 min Scan# 1544

Delta R.T. -0.006 min

Lab File: BF130321.D

Acq: 19 Sep 2022 15:19

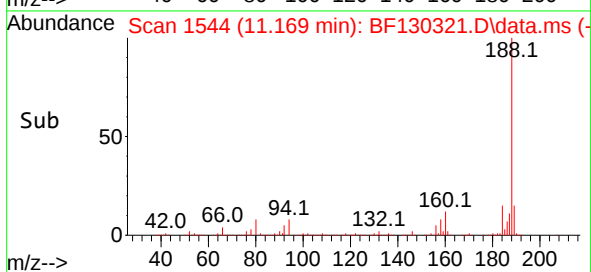
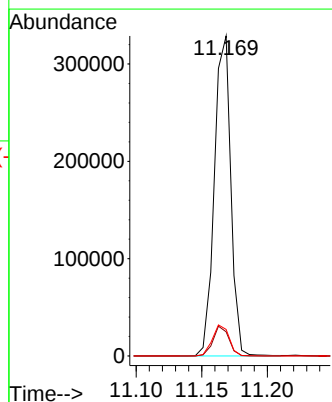
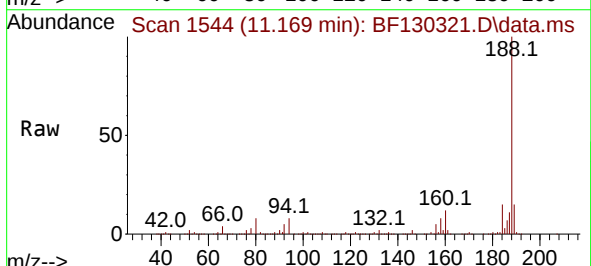
Tgt Ion:188 Resp: 286696

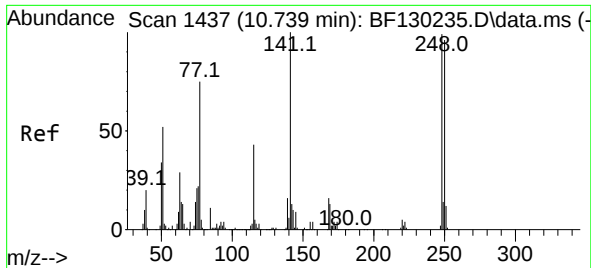
Ion Ratio Lower Upper

188 100

94 7.5 7.4 11.2

80 8.3 7.9 11.9

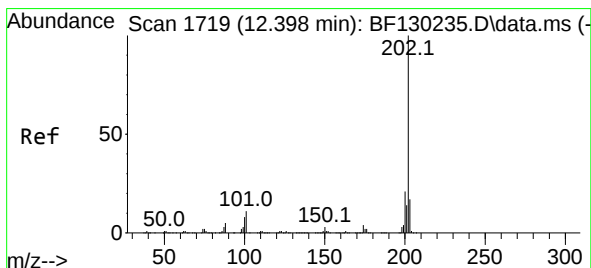
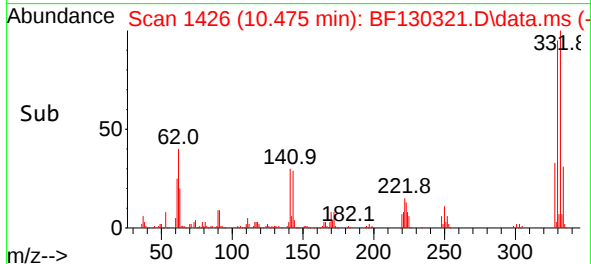
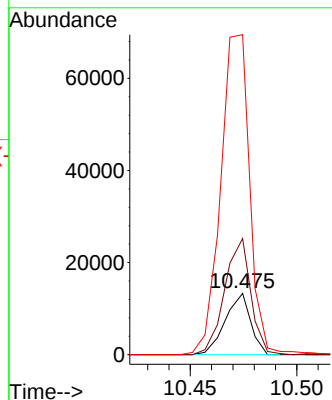
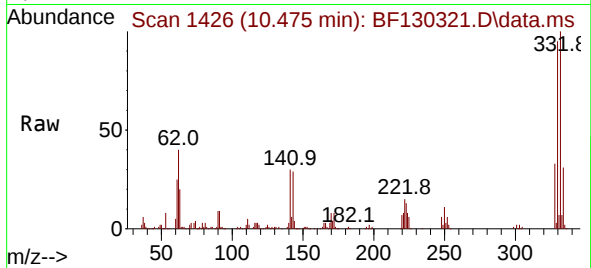




#67
4-Bromophenyl-phenylether
Concen: 3.486 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.247 min
Lab File: BF130321.D
Acq: 19 Sep 2022 15:19

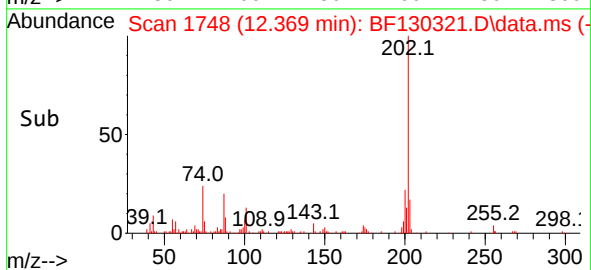
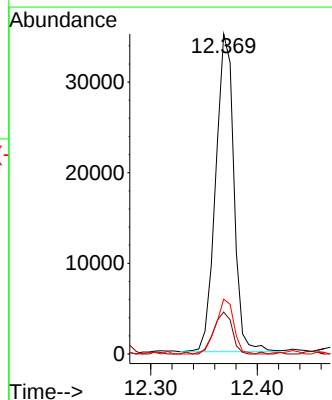
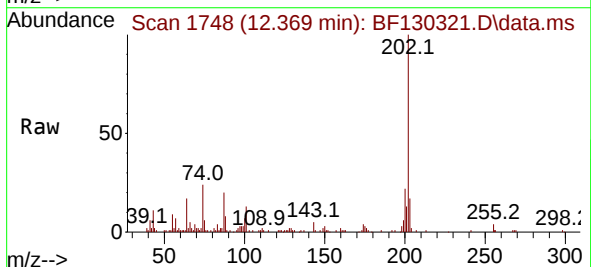
Instrument :
BNA_F
ClientSampleId :
SP-1

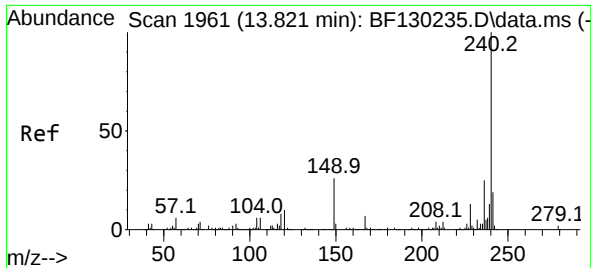
Tgt Ion:248 Resp: 11026
Ion Ratio Lower Upper
248 100
250 189.3 80.0 120.0#
141 521.4 68.5 102.7#



#75
Fluoranthene
Concen: 2.673 ng
RT: 12.369 min Scan# 1748
Delta R.T. -0.012 min
Lab File: BF130321.D
Acq: 19 Sep 2022 15:19

Tgt Ion:202 Resp: 41577
Ion Ratio Lower Upper
202 100
101 13.1 0.0 31.8
203 17.1 0.0 37.8

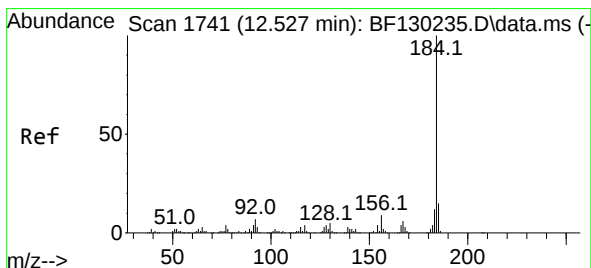
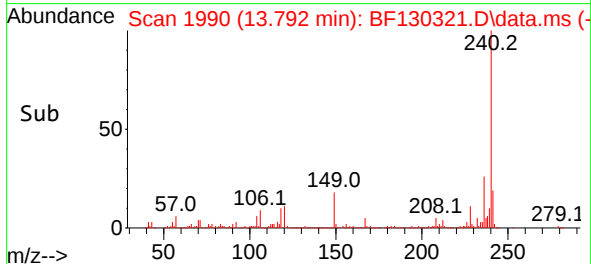
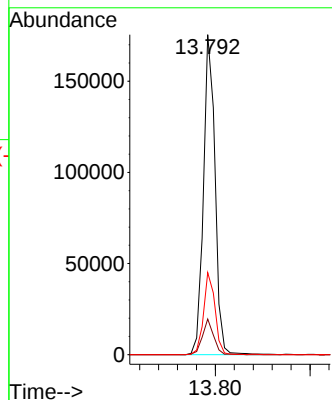
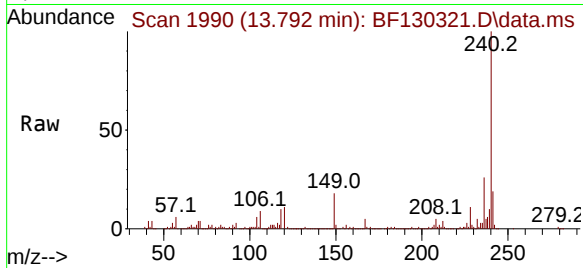




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.792 min Scan# 1813
Delta R.T. -0.012 min
Lab File: BF130321.D
Acq: 19 Sep 2022 15:19

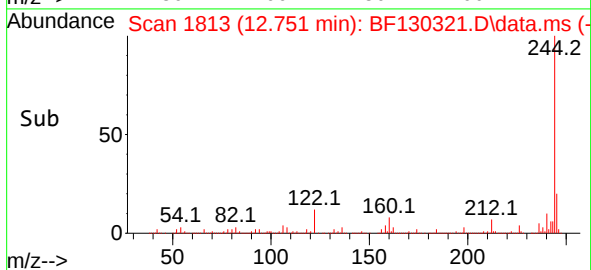
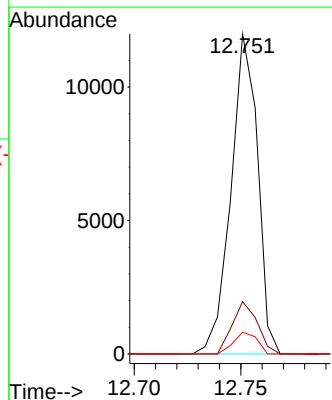
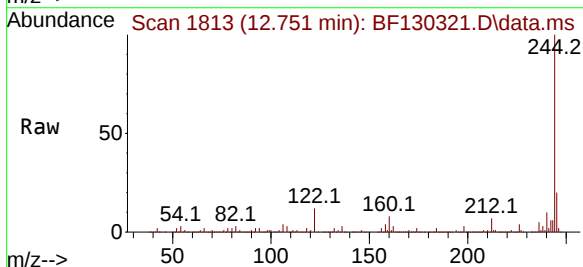
Instrument :
BNA_F
ClientSampleId :
SP-1

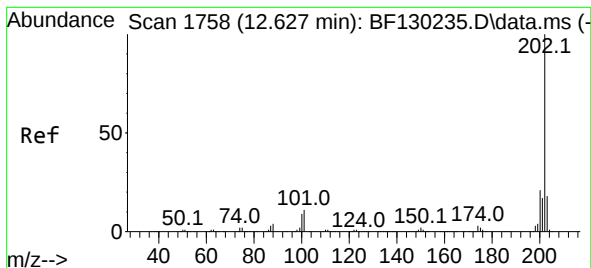
Tgt Ion:240 Resp: 148660
Ion Ratio Lower Upper
240 100
120 11.2 8.7 13.1
236 25.7 20.9 31.3



#77
Benzidine
Concen: 2.418 ng
RT: 12.751 min Scan# 1813
Delta R.T. 0.241 min
Lab File: BF130321.D
Acq: 19 Sep 2022 15:19

Tgt Ion:184 Resp: 10435
Ion Ratio Lower Upper
184 100
185 16.3 11.8 17.6
183 6.8 9.1 13.7#





#78

Pyrene

Concen: 3.408 ng

RT: 12.598 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF130321.D

Acq: 19 Sep 2022 15:19

Instrument :

BNA_F

ClientSampleId :

SP-1

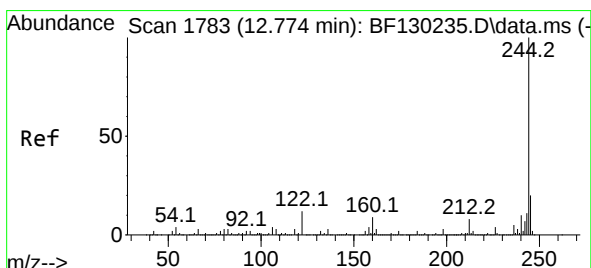
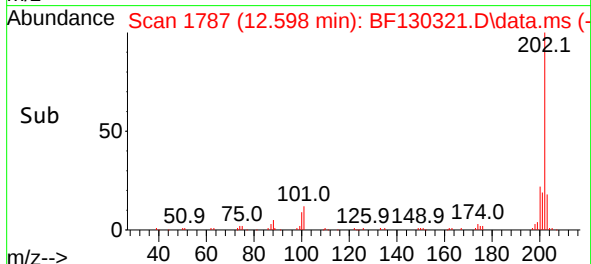
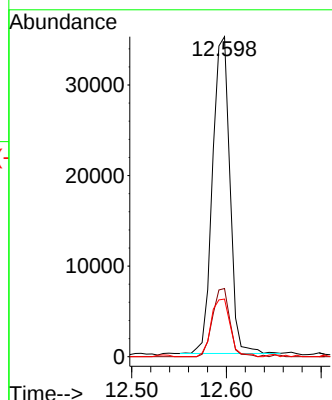
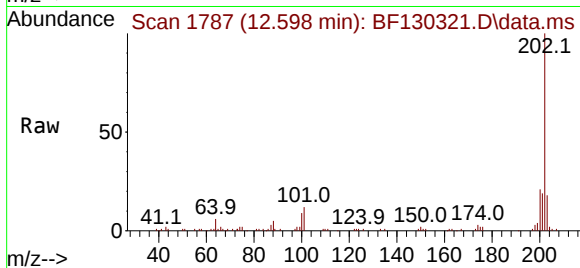
Tgt Ion:202 Resp: 44321

Ion Ratio Lower Upper

202 100

200 21.3 17.2 25.8

203 18.0 14.3 21.5



#79

Terphenyl-d14

Concen: 73.768 ng

RT: 12.751 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BF130321.D

Acq: 19 Sep 2022 15:19

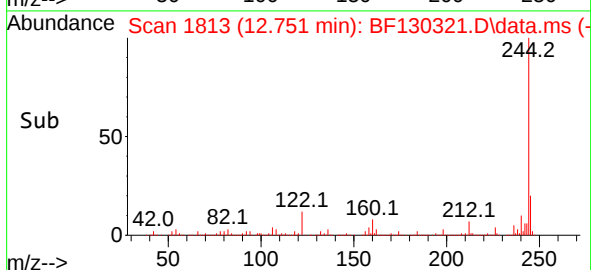
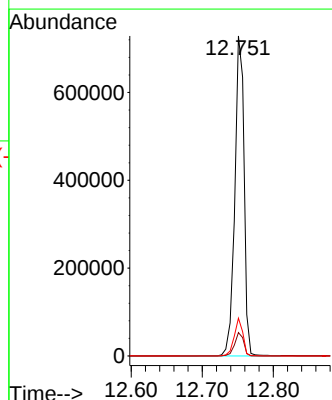
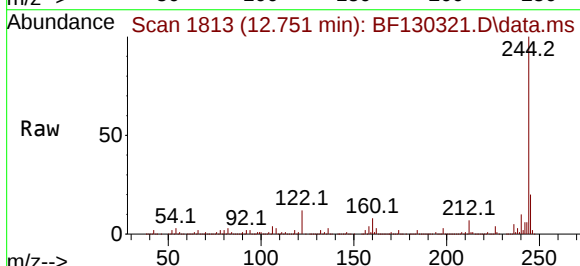
Tgt Ion:244 Resp: 662026

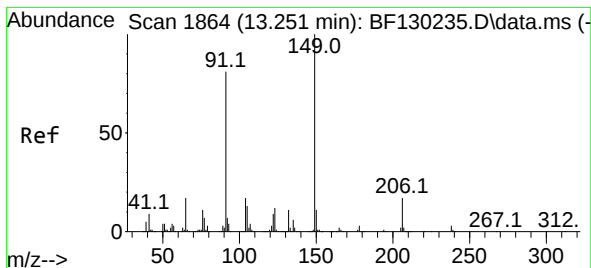
Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 11.8 8.5 12.7





#80

Butylbenzylphthalate

Concen: 4.710 ng

RT: 13.233 min Scan# 1864

Delta R.T. 0.000 min

Lab File: BF130321.D

Acq: 19 Sep 2022 15:19

Instrument :

BNA_F

ClientSampleId :

SP-1

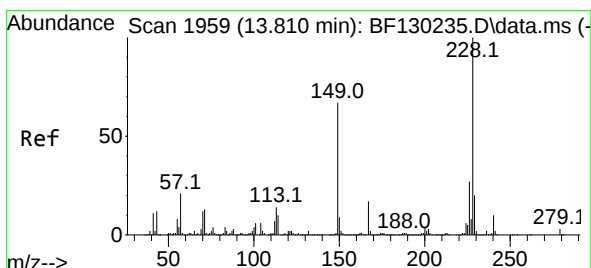
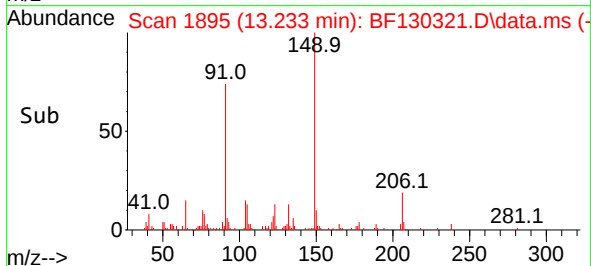
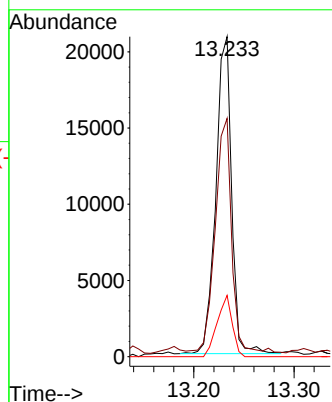
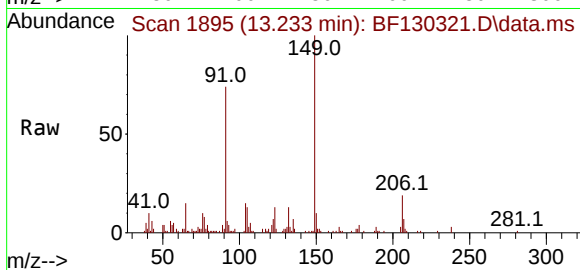
Tgt Ion:149 Resp: 22693

Ion Ratio Lower Upper

149 100

91 74.4 59.8 89.8

206 19.1 13.9 20.9



#81

Benzo(a)anthracene

Concen: 5.863 ng

RT: 13.786 min Scan# 1989

Delta R.T. -0.006 min

Lab File: BF130321.D

Acq: 19 Sep 2022 15:19

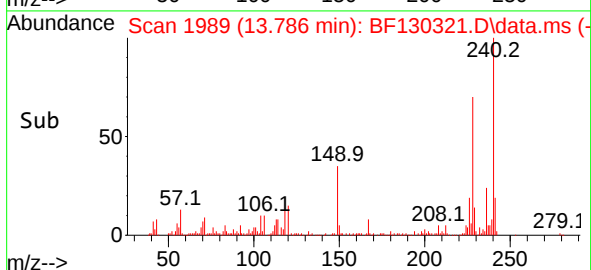
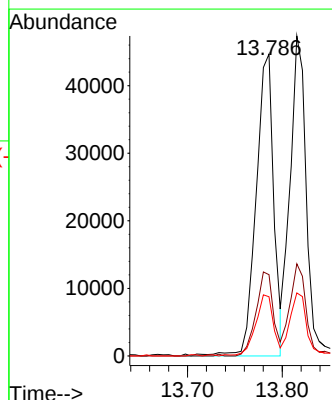
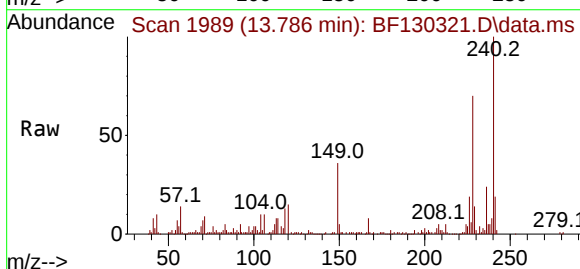
Tgt Ion:228 Resp: 57985

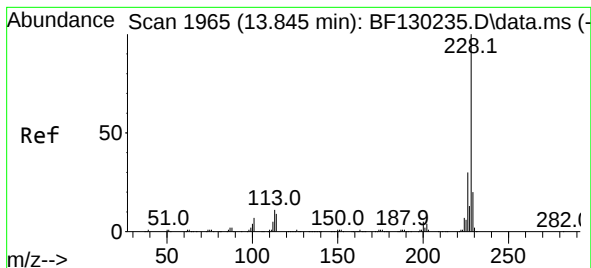
Ion Ratio Lower Upper

228 100

226 26.9 21.9 32.9

229 19.6 16.1 24.1





#83

Chrysene

Concen: 6.072 ng

RT: 13.815 min Scan# 1994

Delta R.T. -0.012 min

Lab File: BF130321.D

Acq: 19 Sep 2022 15:19

Instrument :

BNA_F

ClientSampleId :

SP-1

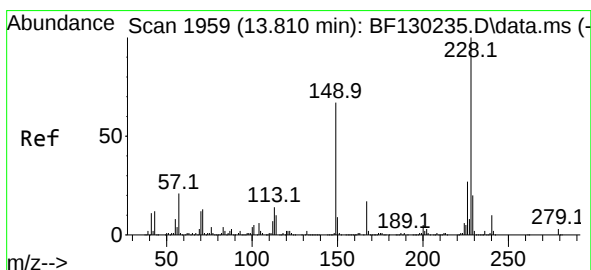
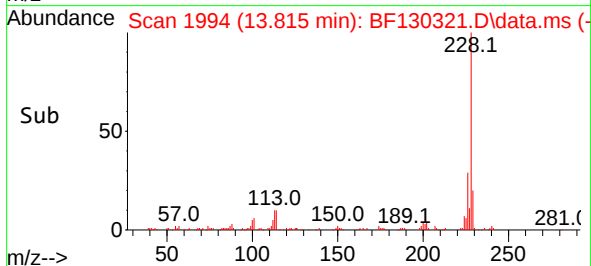
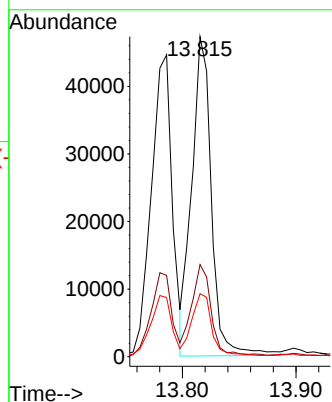
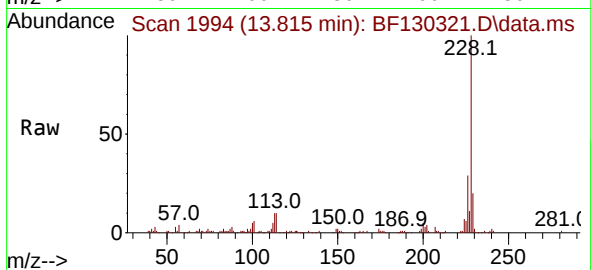
Tgt Ion:228 Resp: 57016

Ion Ratio Lower Upper

228 100

226 28.8 23.8 35.8

229 19.7 15.3 22.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.011 ng

RT: 13.792 min Scan# 1990

Delta R.T. -0.000 min

Lab File: BF130321.D

Acq: 19 Sep 2022 15:19

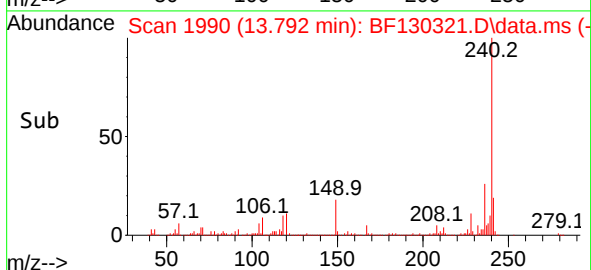
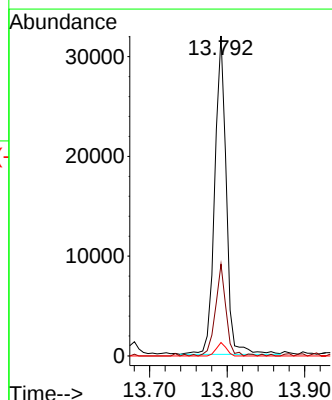
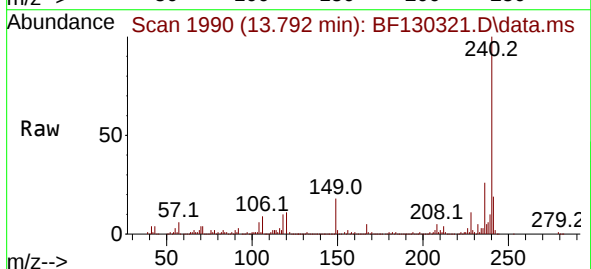
Tgt Ion:149 Resp: 33169

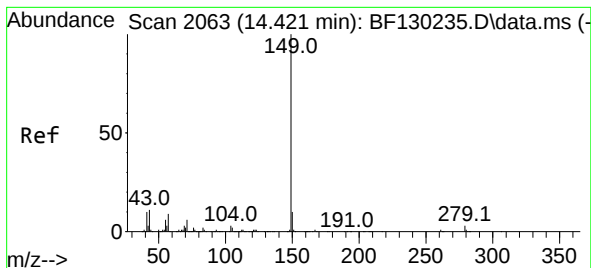
Ion Ratio Lower Upper

149 100

167 28.7 20.5 30.7

279 4.2 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 3.936 ng

RT: 14.404 min Scan# 2063

Delta R.T. 0.000 min

Lab File: BF130321.D

Acq: 19 Sep 2022 15:19

Instrument :

BNA_F

ClientSampleId :

SP-1

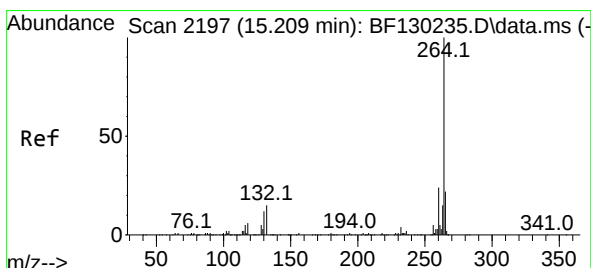
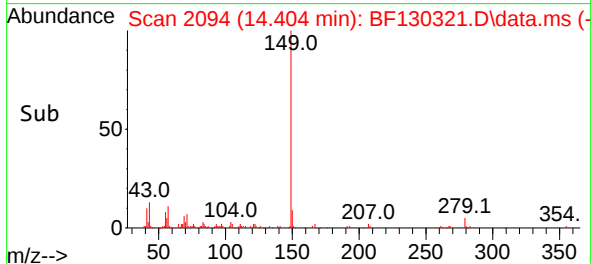
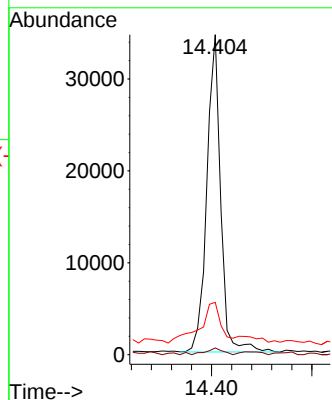
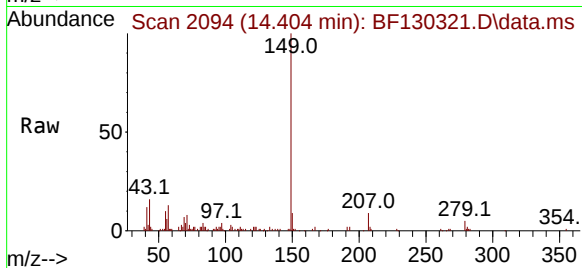
Tgt Ion:149 Resp: 33220

Ion Ratio Lower Upper

149 100

167 2.7 1.2 1.8#

43 19.4 8.7 13.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.186 min Scan# 2227

Delta R.T. 0.000 min

Lab File: BF130321.D

Acq: 19 Sep 2022 15:19

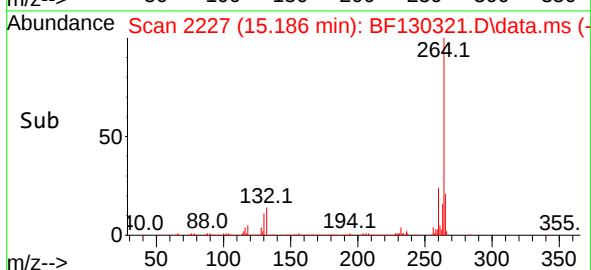
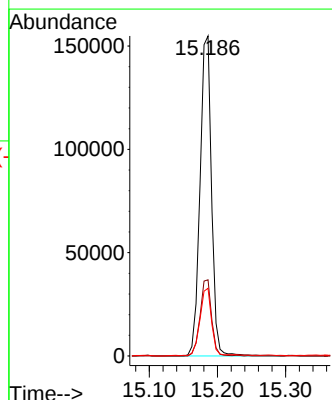
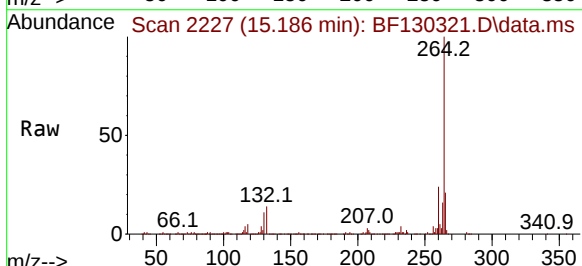
Tgt Ion:264 Resp: 182119

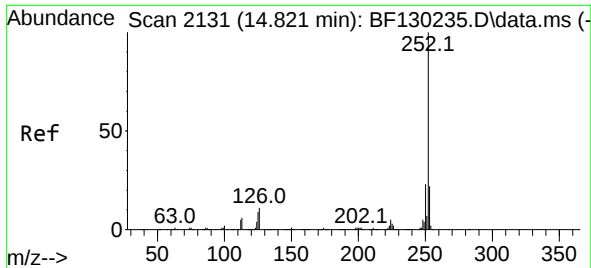
Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

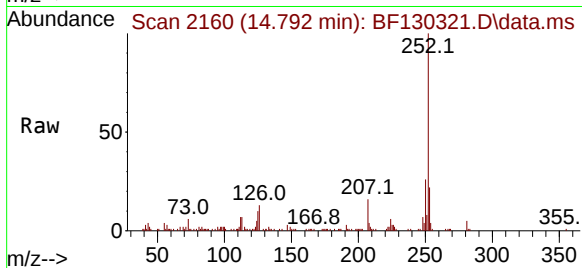
265 21.1 17.0 25.4





#88
Benzo(b)fluoranthene
Concen: 3.005 ng
RT: 14.792 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130321.D
Acq: 19 Sep 2022 15:19

Instrument :
BNA_F
ClientSampleId :
SP-1



Tgt Ion:252 Resp: 35717
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 9.8 8.1 12.1

