

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
 Data File : BF131129.D
 Acq On : 10 Nov 2022 18:33
 Operator : CG\JU
 Sample : N5495-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-32A

Quant Time: Nov 11 00:50:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 04:15:17 2022
 Response via : Initial Calibration

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

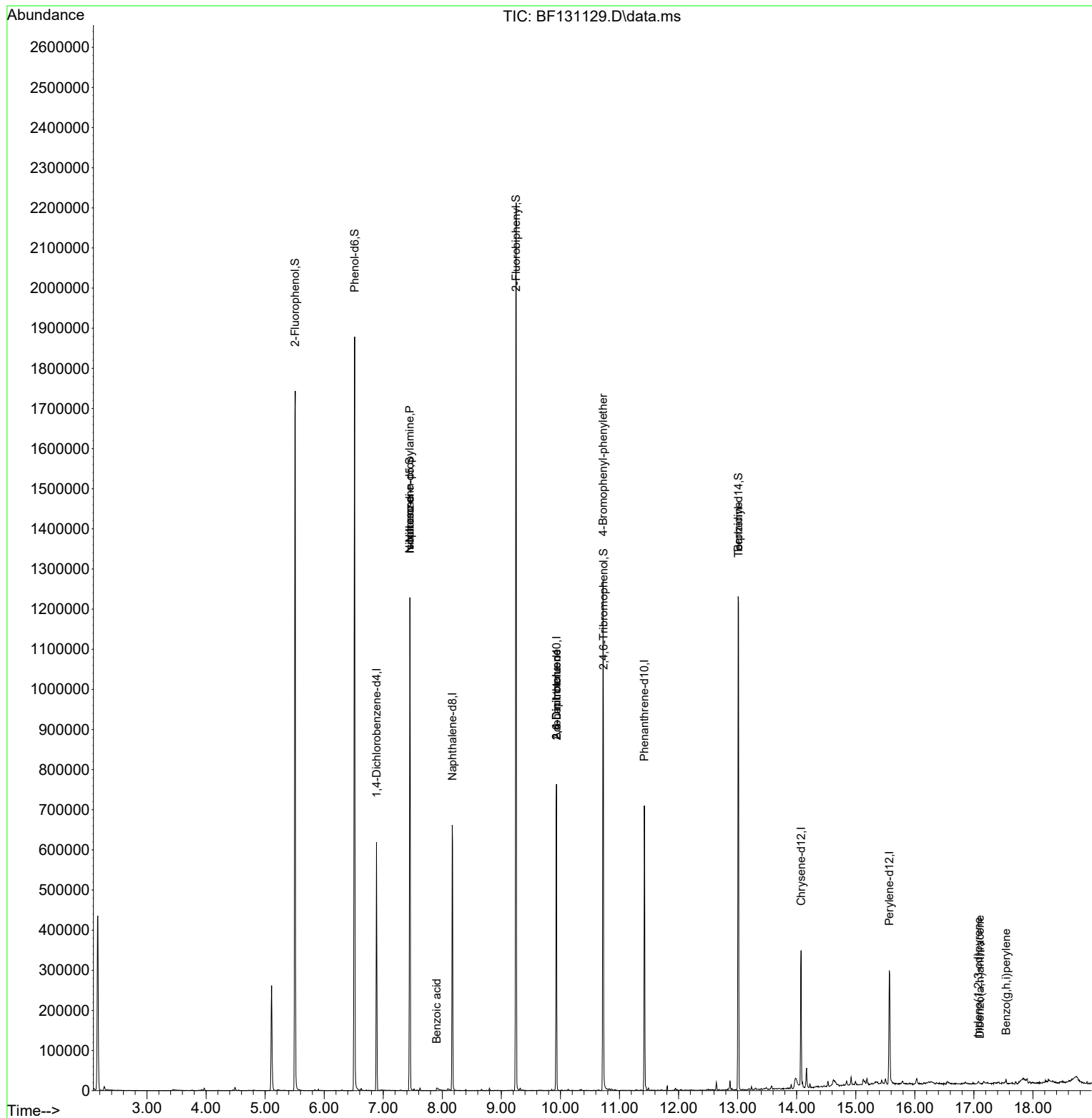
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	76956	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	287987	20.000	ng	-0.01
39) Acenaphthene-d10	9.933	164	148352	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	246888	20.000	ng	0.00
76) Chrysene-d12	14.074	240	112845	20.000	ng	0.00
86) Perylene-d12	15.568	264	129868	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	450533	99.561	ng	0.00
7) Phenol-d6	6.516	99	568962	96.172	ng	0.00
23) Nitrobenzene-d5	7.451	82	370183	57.997	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	136560	89.070	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	684380	64.399	ng	0.00
79) Terphenyl-d14	13.015	244	434053	67.441	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	51331	13.215	ng	# 75
25) Isophorone	7.451	82	370178	37.508	ng	# 68
32) Benzoic acid	7.904	122	2591	6.490	ng	# 88
51) 2,6-Dinitrotoluene	9.933	165	19414	8.371	ng	# 14
57) 2,4-Dinitrotoluene	9.933	165	19414	6.297	ng	# 16
67) 4-Bromophenyl-phenylether	10.721	248	8654	3.100	ng	# 1
77) Benzidine	13.010	184	6915	2.077	ng	# 86
87) Indeno(1,2,3-cd)pyrene	17.074	276	3719	4.187	ng	# 98
91) Dibenzo(a,h)anthracene	17.103	278	1265	3.974	ng	# 51
92) Benzo(g,h,i)perylene	17.545	276	3432	4.707	ng	# 90

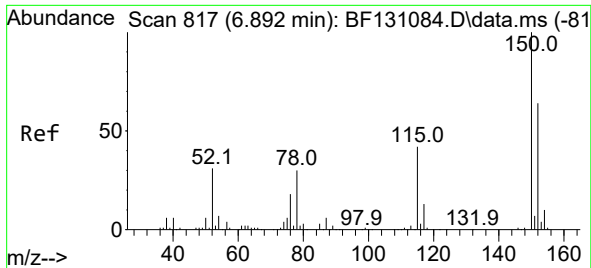
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
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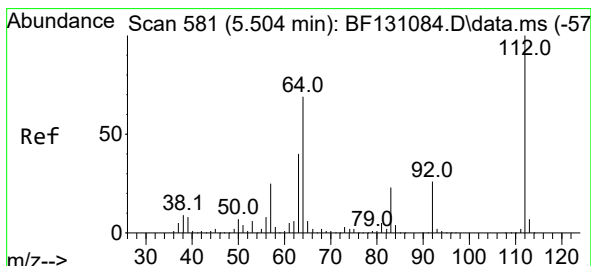
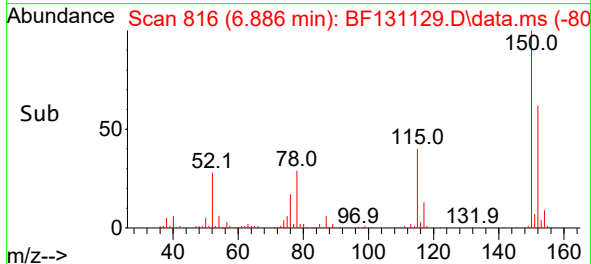
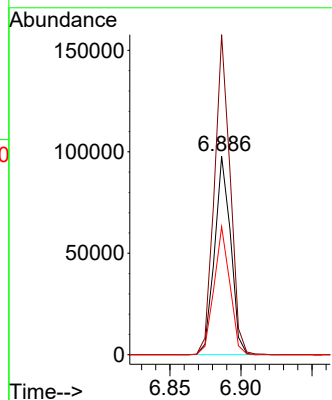
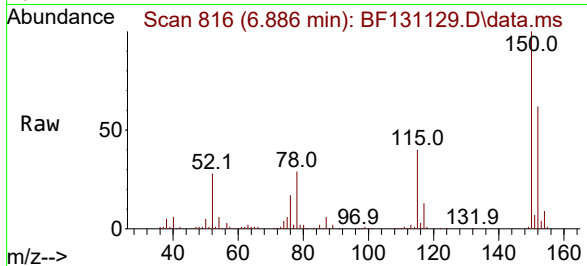




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF131129.D
 Acq: 10 Nov 2022 18:33

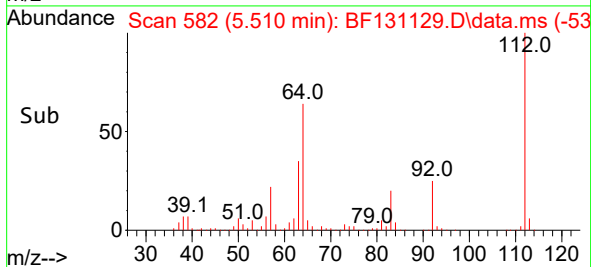
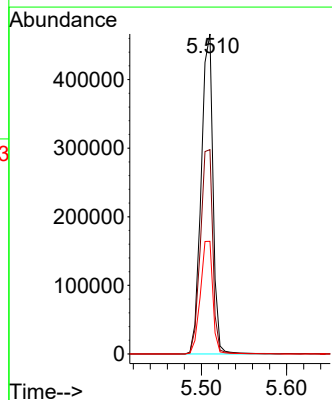
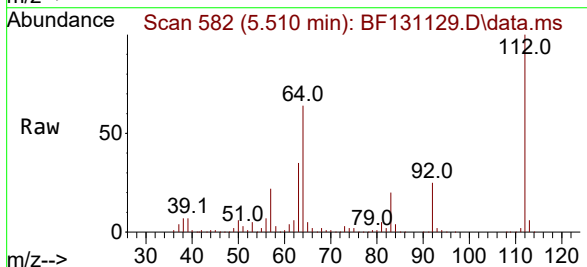
Instrument :
 BNA_F
 ClientSampleId :
 SB-32A

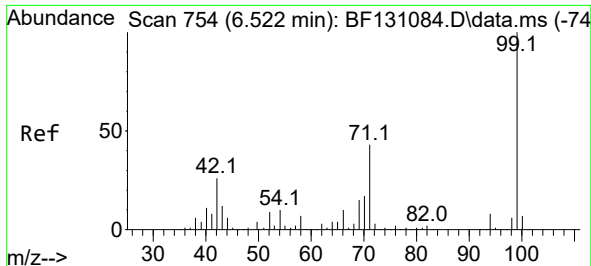
Tgt Ion:152 Resp: 76956
 Ion Ratio Lower Upper
 152 100
 150 161.3 125.5 188.3
 115 64.5 52.2 78.2



#5
 2-Fluorophenol
 Concen: 99.561 ng
 RT: 5.510 min Scan# 582
 Delta R.T. 0.006 min
 Lab File: BF131129.D
 Acq: 10 Nov 2022 18:33

Tgt Ion:112 Resp: 450533
 Ion Ratio Lower Upper
 112 100
 64 63.8 55.1 82.7
 63 35.2 32.4 48.6

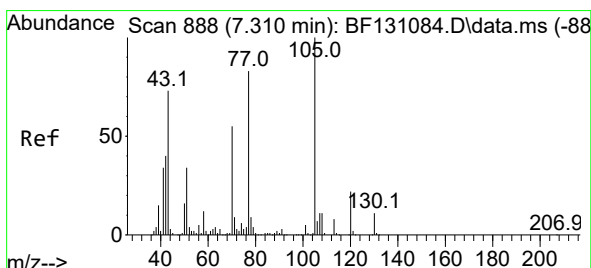
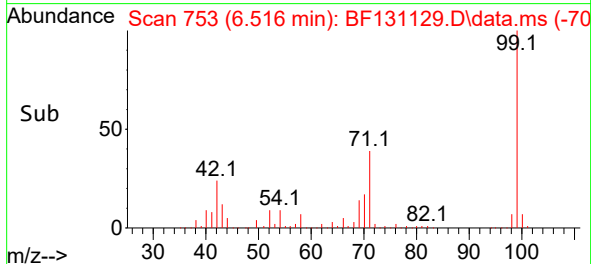
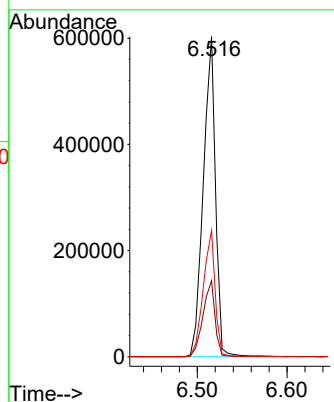
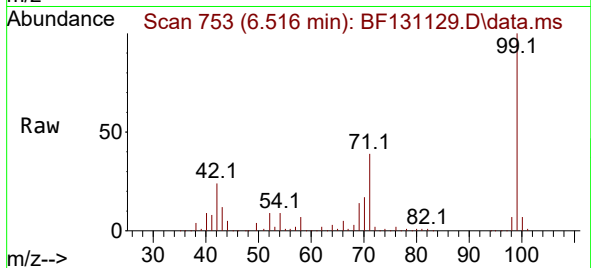




#7
Phenol-d6
Concen: 96.172 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131129.D
Acq: 10 Nov 2022 18:33

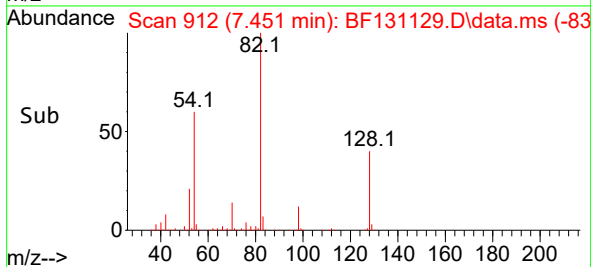
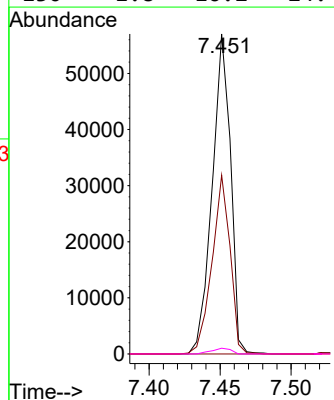
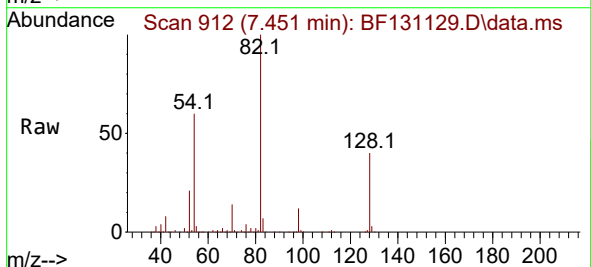
Instrument :
BNA_F
ClientSampleId :
SB-32A

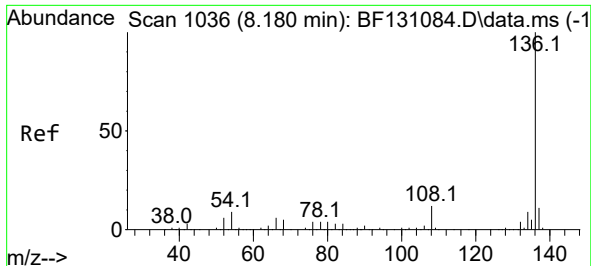
Tgt Ion: 99 Resp: 568962
Ion Ratio Lower Upper
99 100
42 23.7 20.8 31.2
71 39.5 34.2 51.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.215 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF131129.D
Acq: 10 Nov 2022 18:33

Tgt Ion: 70 Resp: 51331
Ion Ratio Lower Upper
70 100
42 55.9 58.3 87.5#
101 0.0 7.4 11.2#
130 1.8 16.2 24.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1

Delta R.T. -0.011 min

Lab File: BF131129.D

Acq: 10 Nov 2022 18:33

Instrument :

BNA_F

ClientSampleId :

SB-32A

Tgt Ion:136 Resp: 287987

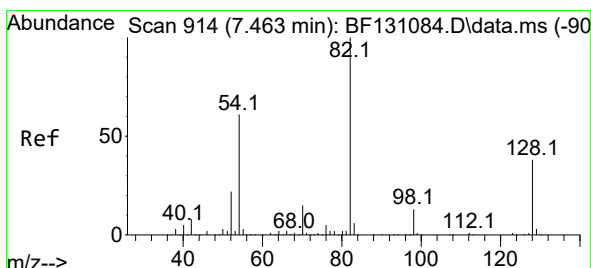
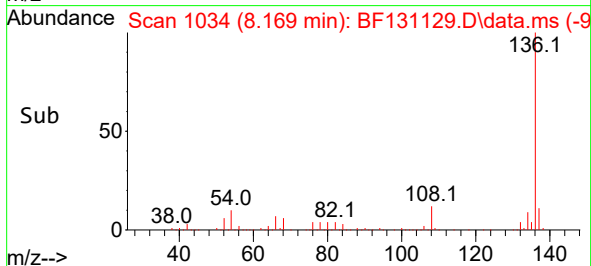
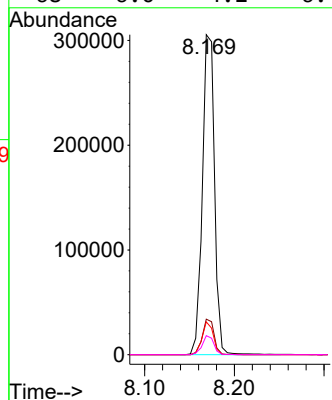
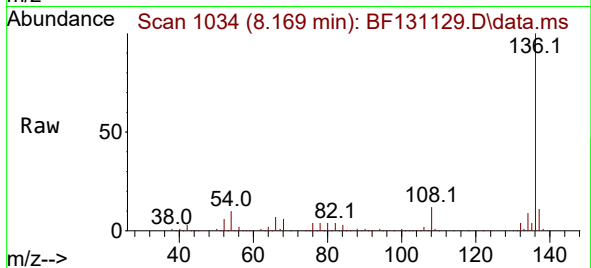
Ion Ratio Lower Upper

136 100

137 11.1 8.6 12.8

54 10.2 7.2 10.8

68 6.0 4.2 6.4



#23

Nitrobenzene-d5

Concen: 57.997 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.012 min

Lab File: BF131129.D

Acq: 10 Nov 2022 18:33

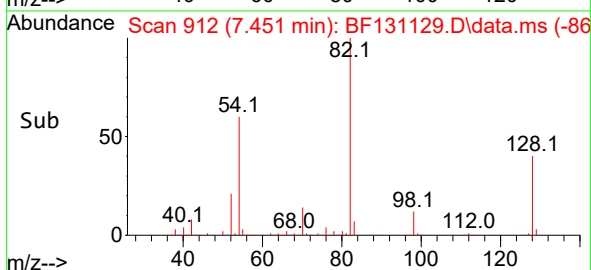
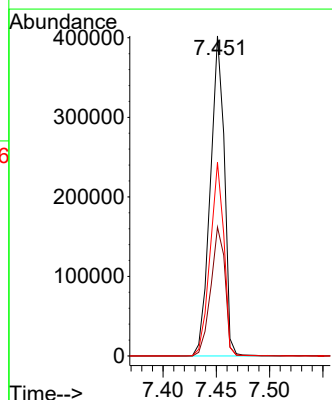
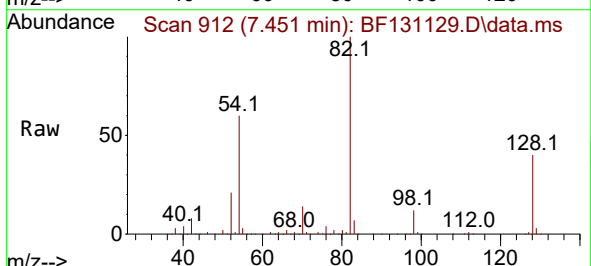
Tgt Ion: 82 Resp: 370183

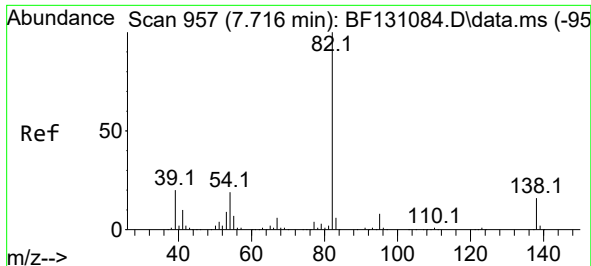
Ion Ratio Lower Upper

82 100

128 40.2 30.5 45.7

54 60.5 49.1 73.7

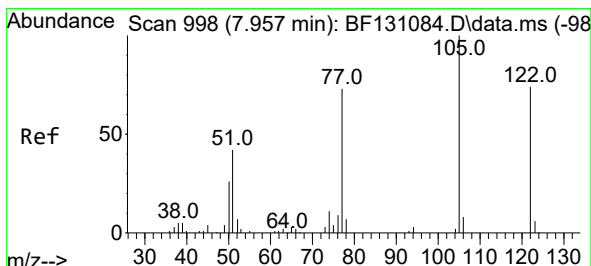
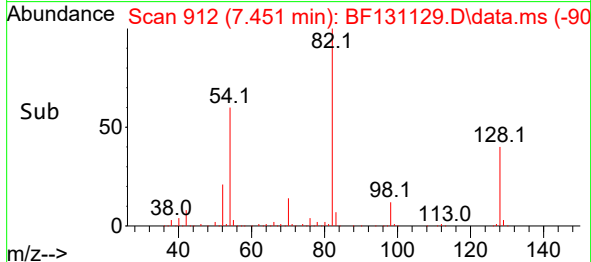
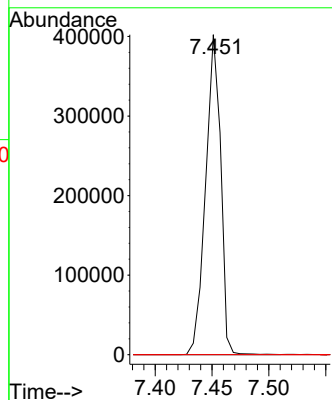
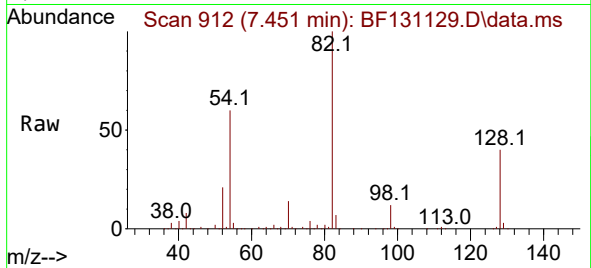




#25
Isophorone
Concen: 37.508 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131129.D
Acq: 10 Nov 2022 18:33

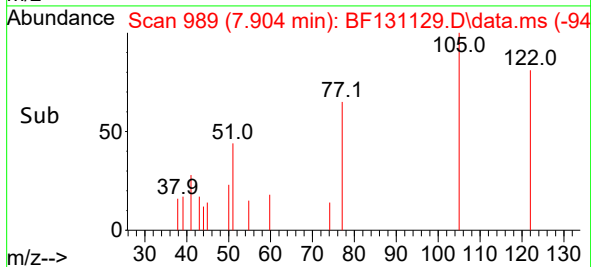
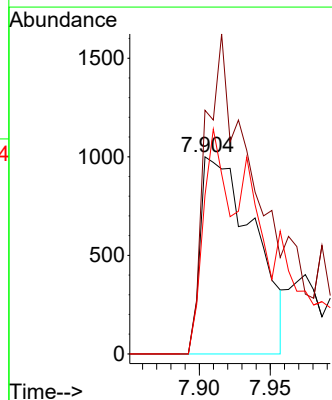
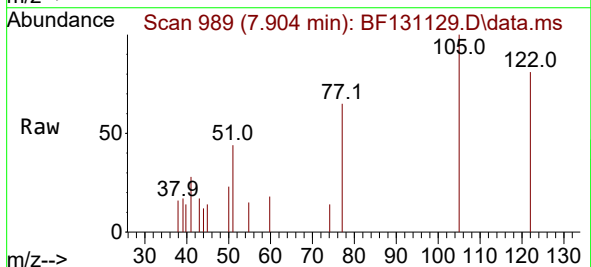
Instrument :
BNA_F
ClientSampleId :
SB-32A

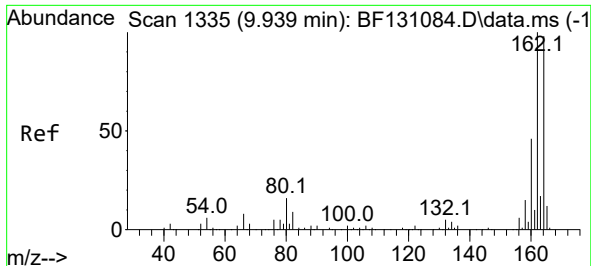
Tgt Ion: 82 Resp: 370178
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.5 18.7#



#32
Benzoic acid
Concen: 6.490 ng
RT: 7.904 min Scan# 989
Delta R.T. -0.053 min
Lab File: BF131129.D
Acq: 10 Nov 2022 18:33

Tgt Ion: 122 Resp: 2591
Ion Ratio Lower Upper
122 100
105 123.6 113.0 153.0
77 80.5 78.7 118.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131129.D

Acq: 10 Nov 2022 18:33

Instrument :

BNA_F

ClientSampleId :

SB-32A

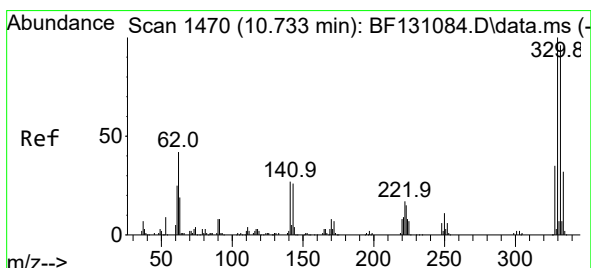
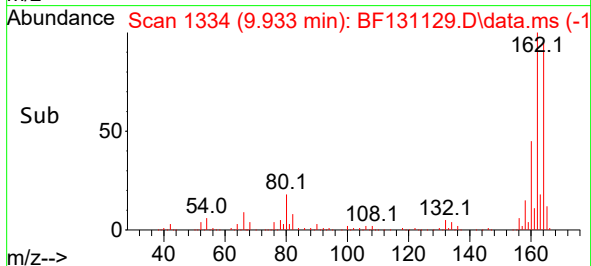
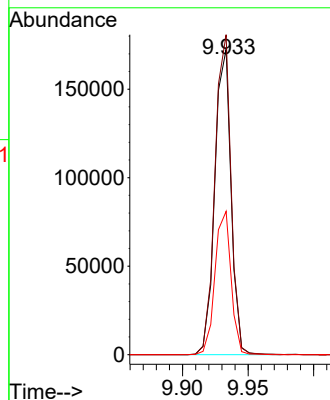
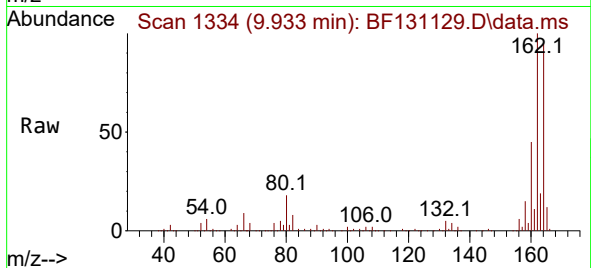
Tgt Ion:164 Resp: 148352

Ion Ratio Lower Upper

164 100

162 104.8 81.7 122.5

160 46.9 37.4 56.2



#42

2,4,6-Tribromophenol

Concen: 89.070 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131129.D

Acq: 10 Nov 2022 18:33

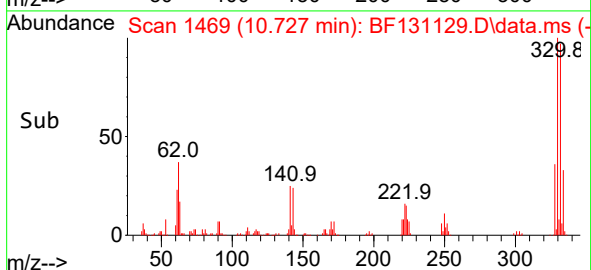
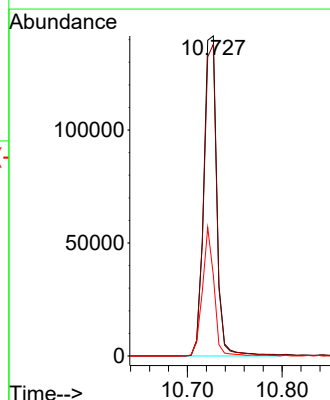
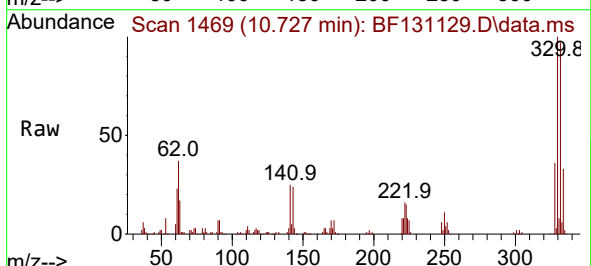
Tgt Ion:330 Resp: 136560

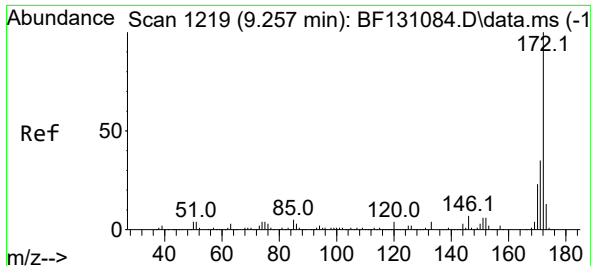
Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.4

141 35.7 28.5 42.7





#45

2-Fluorobiphenyl

Concen: 64.399 ng

RT: 9.251 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131129.D

Acq: 10 Nov 2022 18:33

Instrument :

BNA_F

ClientSampleId :

SB-32A

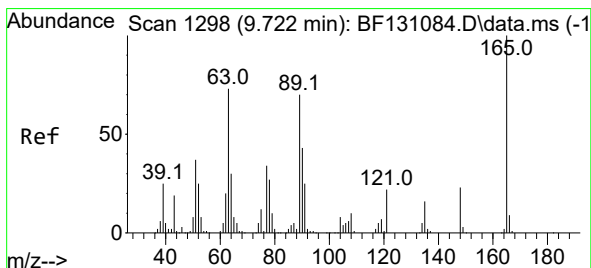
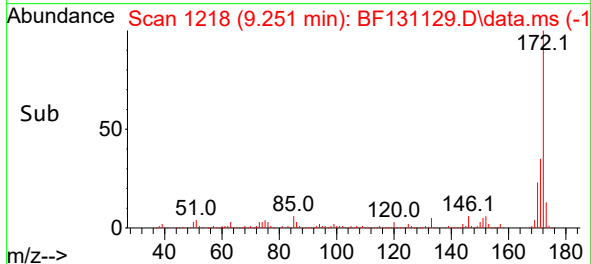
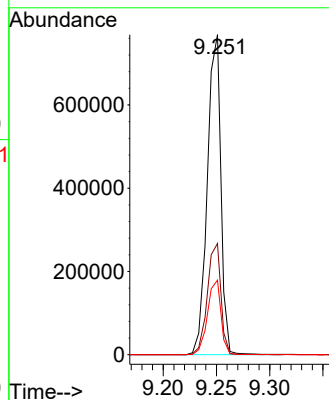
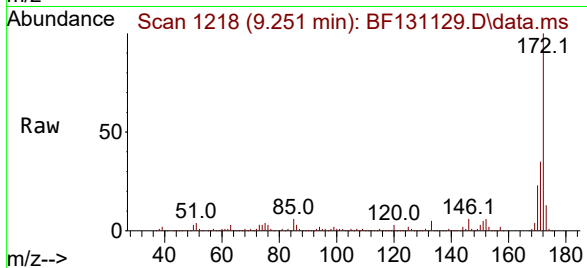
Tgt Ion:172 Resp: 684380

Ion Ratio Lower Upper

172 100

171 34.7 27.7 41.5

170 23.3 18.8 28.2



#51

2,6-Dinitrotoluene

Concen: 8.371 ng

RT: 9.933 min Scan# 1334

Delta R.T. 0.212 min

Lab File: BF131129.D

Acq: 10 Nov 2022 18:33

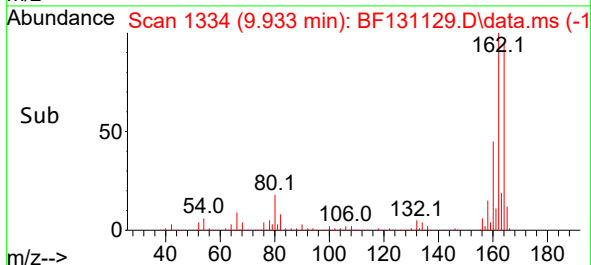
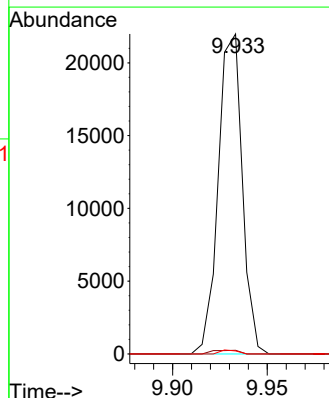
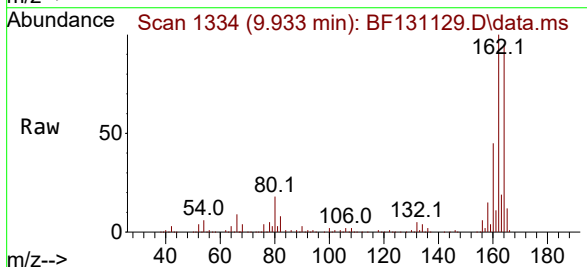
Tgt Ion:165 Resp: 19414

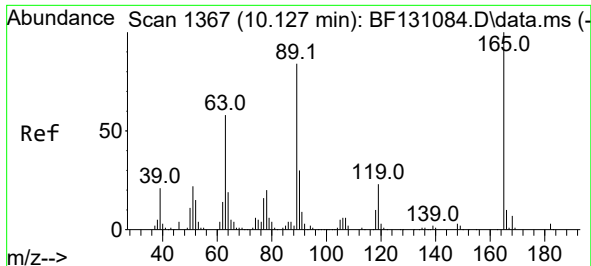
Ion Ratio Lower Upper

165 100

63 1.1 61.4 92.2#

89 0.9 56.0 84.0#

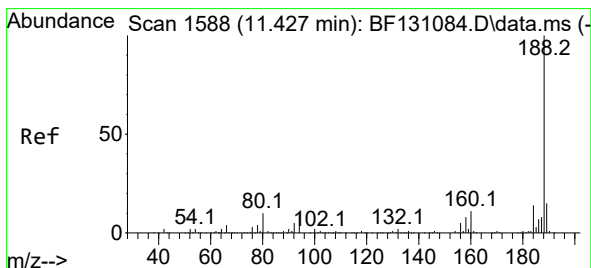
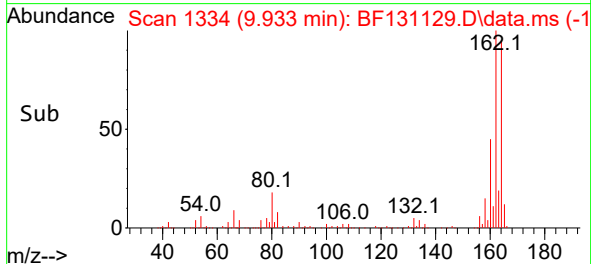
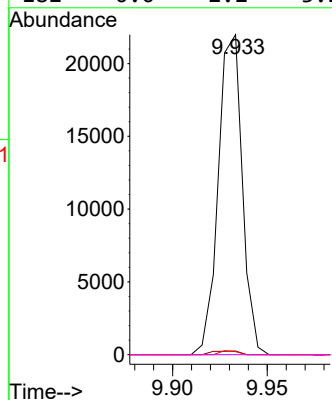
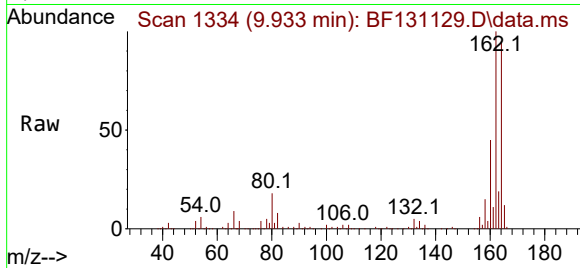




#57
2,4-Dinitrotoluene
Concen: 6.297 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131129.D
Acq: 10 Nov 2022 18:33

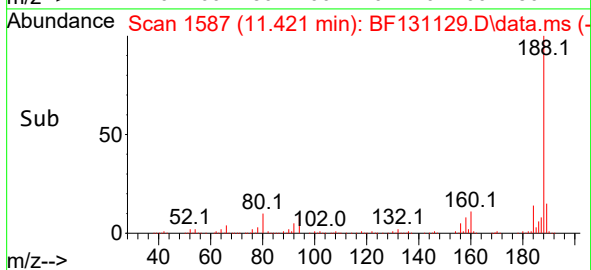
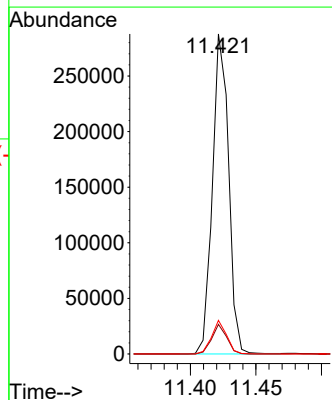
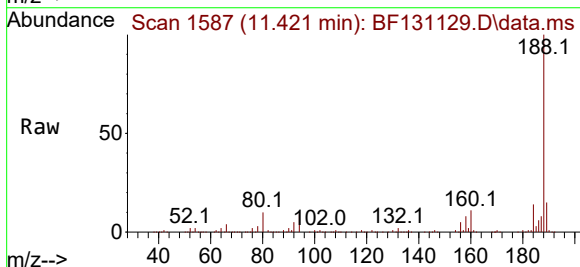
Instrument :
BNA_F
ClientSampleId :
SB-32A

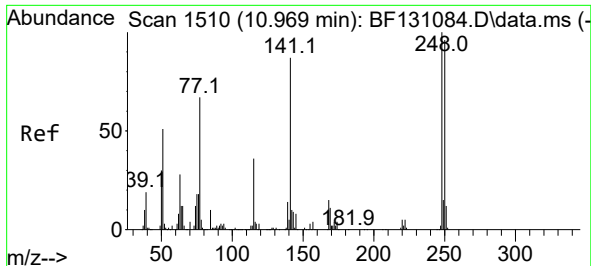
Tgt Ion:165 Resp: 19414
Ion Ratio Lower Upper
165 100
63 1.1 46.9 70.3#
89 0.9 66.9 100.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF131129.D
Acq: 10 Nov 2022 18:33

Tgt Ion:188 Resp: 246888
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 10.5 7.9 11.9

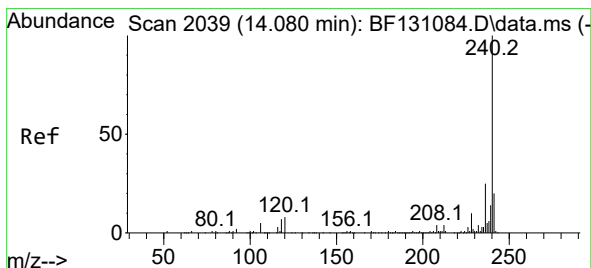
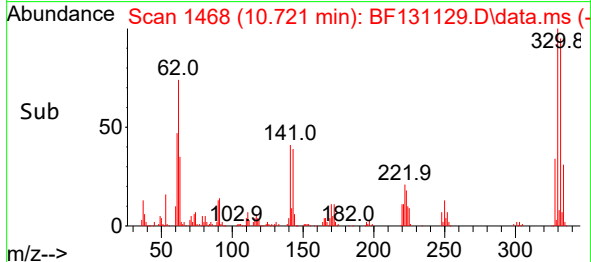
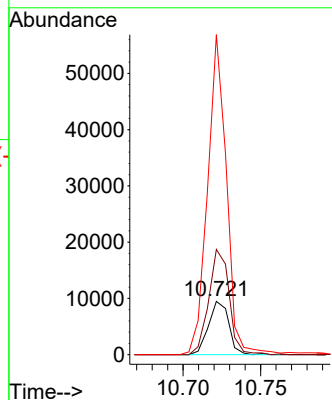
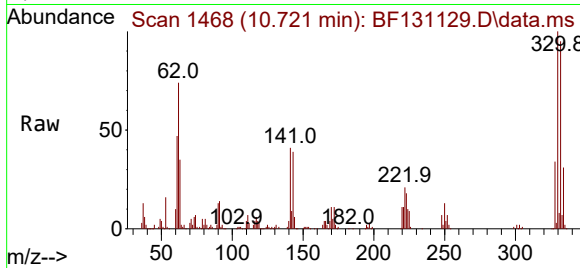




#67
4-Bromophenyl-phenylether
Concen: 3.100 ng
RT: 10.721 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131129.D
Acq: 10 Nov 2022 18:33

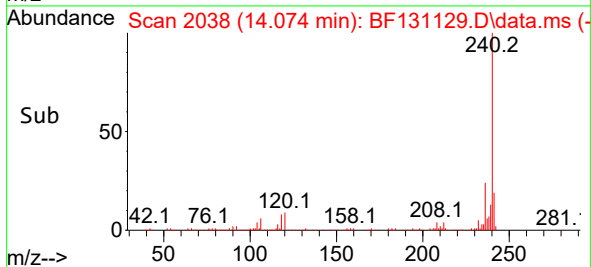
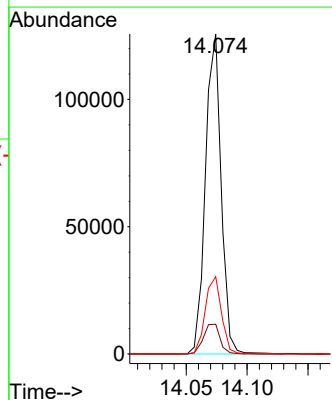
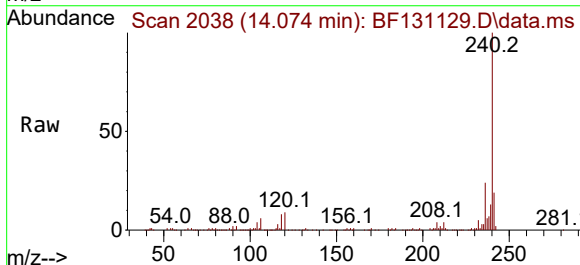
Instrument :
BNA_F
ClientSampleId :
SB-32A

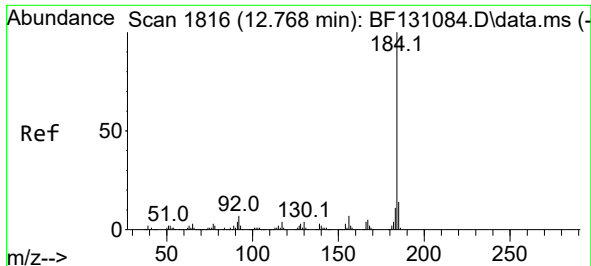
Tgt Ion:248 Resp: 8654
Ion Ratio Lower Upper
248 100
250 197.2 77.0 115.6#
141 599.8 69.7 104.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF131129.D
Acq: 10 Nov 2022 18:33

Tgt Ion:240 Resp: 112845
Ion Ratio Lower Upper
240 100
120 9.3 6.5 9.7
236 24.1 19.7 29.5

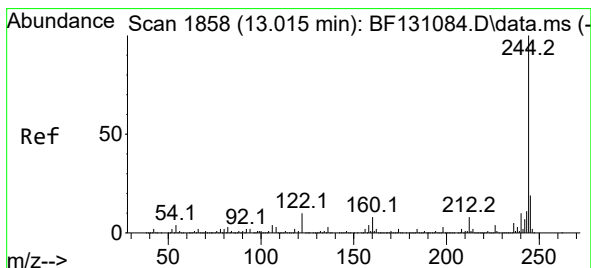
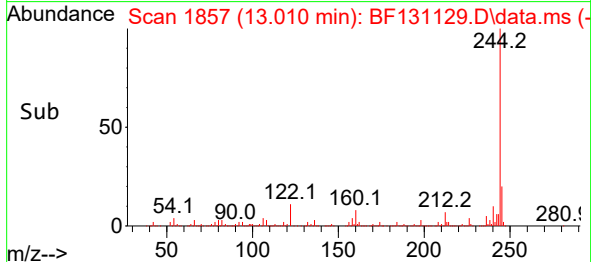
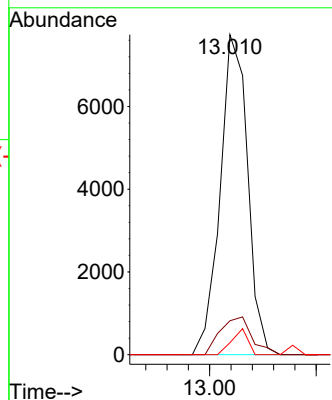
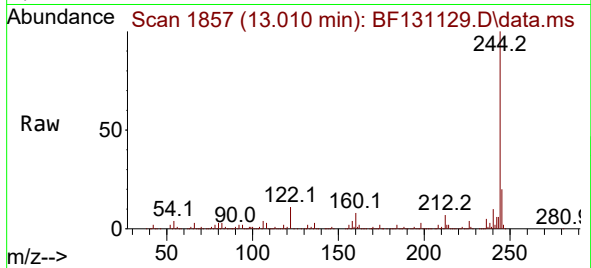




#77
Benzidine
Concen: 2.077 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.241 min
Lab File: BF131129.D
Acq: 10 Nov 2022 18:33

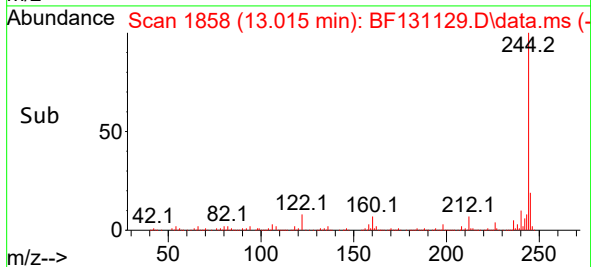
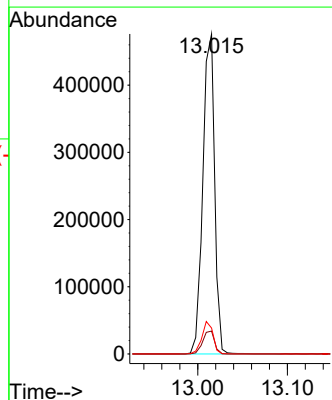
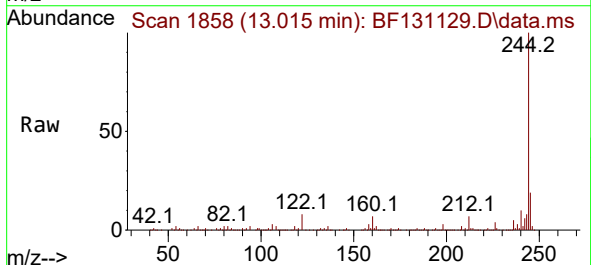
Instrument :
BNA_F
ClientSampleId :
SB-32A

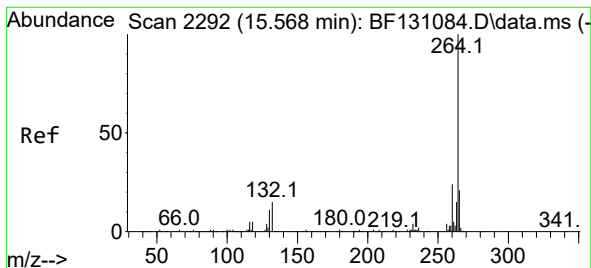
Tgt Ion:184 Resp: 6915
Ion Ratio Lower Upper
184 100
185 10.6 11.4 17.0#
183 3.8 9.0 13.4#



#79
Terphenyl-d14
Concen: 67.441 ng
RT: 13.015 min Scan# 1858
Delta R.T. 0.000 min
Lab File: BF131129.D
Acq: 10 Nov 2022 18:33

Tgt Ion:244 Resp: 434053
Ion Ratio Lower Upper
244 100
212 7.2 6.2 9.2
122 8.1 7.8 11.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF131129.D

Acq: 10 Nov 2022 18:33

Instrument :

BNA_F

ClientSampleId :

SB-32A

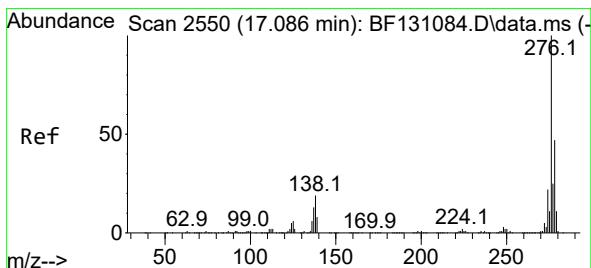
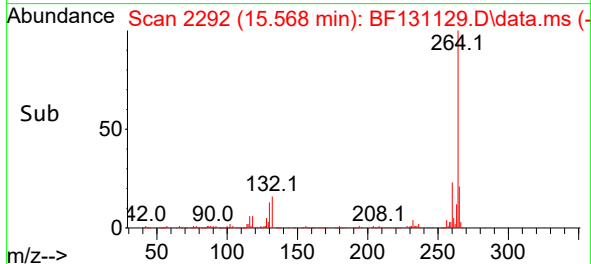
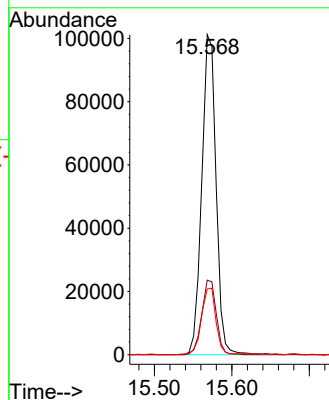
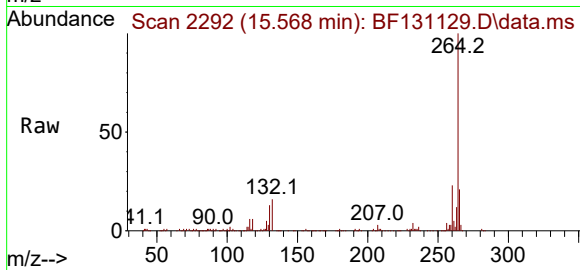
Tgt Ion:264 Resp: 129868

Ion Ratio Lower Upper

264 100

260 23.3 19.1 28.7

265 20.5 16.7 25.1



#87

Indeno(1,2,3-cd)pyrene

Concen: 4.187 ng

RT: 17.074 min Scan# 2548

Delta R.T. -0.012 min

Lab File: BF131129.D

Acq: 10 Nov 2022 18:33

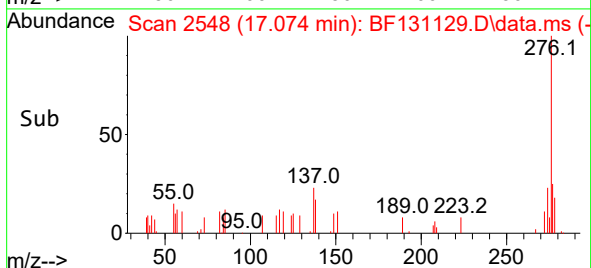
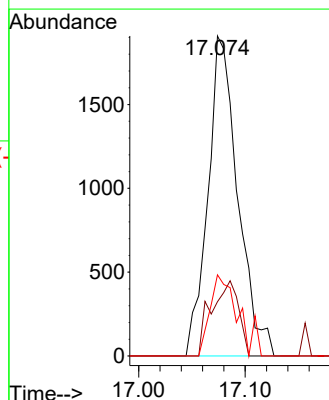
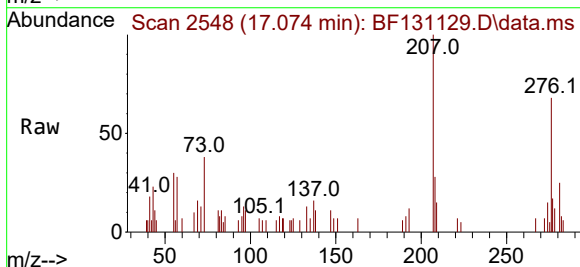
Tgt Ion:276 Resp: 3719

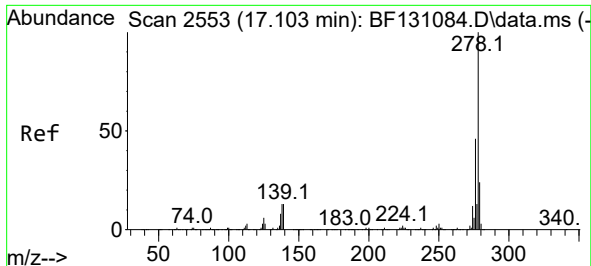
Ion Ratio Lower Upper

276 100

138 21.5 16.9 25.3

277 23.8 20.3 30.5

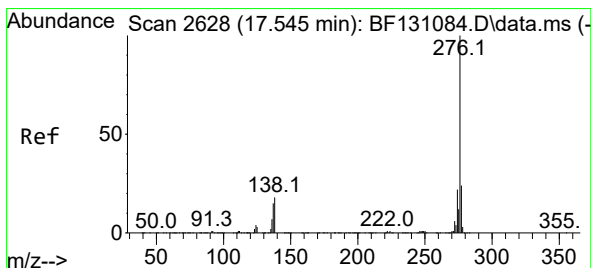
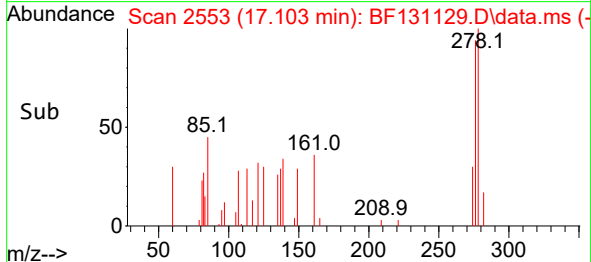
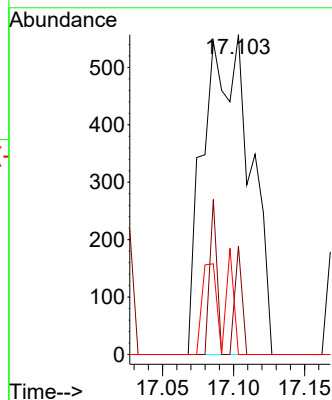
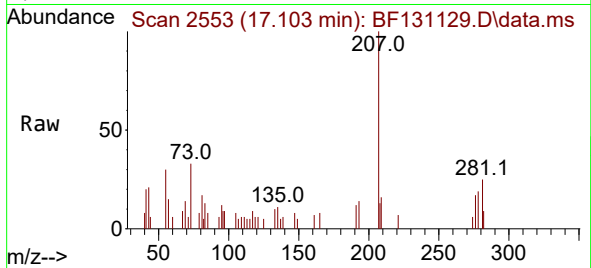




#91
Dibenzo(a,h)anthracene
Concen: 3.974 ng
RT: 17.103 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131129.D
Acq: 10 Nov 2022 18:33

Instrument :
BNA_F
ClientSampleId :
SB-32A

Tgt Ion: 278 Resp: 1265
Ion Ratio Lower Upper
278 100
139 33.9 10.8 16.2#
279 0.0 19.2 28.8#



#92
Benzo(g,h,i)perylene
Concen: 4.707 ng
RT: 17.545 min Scan# 2628
Delta R.T. -0.000 min
Lab File: BF131129.D
Acq: 10 Nov 2022 18:33

Tgt Ion: 276 Resp: 3432
Ion Ratio Lower Upper
276 100
277 22.5 19.0 28.4
138 27.1 14.6 21.8#

