

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
 Data File : BF131435.D
 Acq On : 28 Nov 2022 18:15
 Operator : CG\JU
 Sample : N5752-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-13D

Quant Time: Nov 29 00:57:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 00:18:36 2022
 Response via : Initial Calibration

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

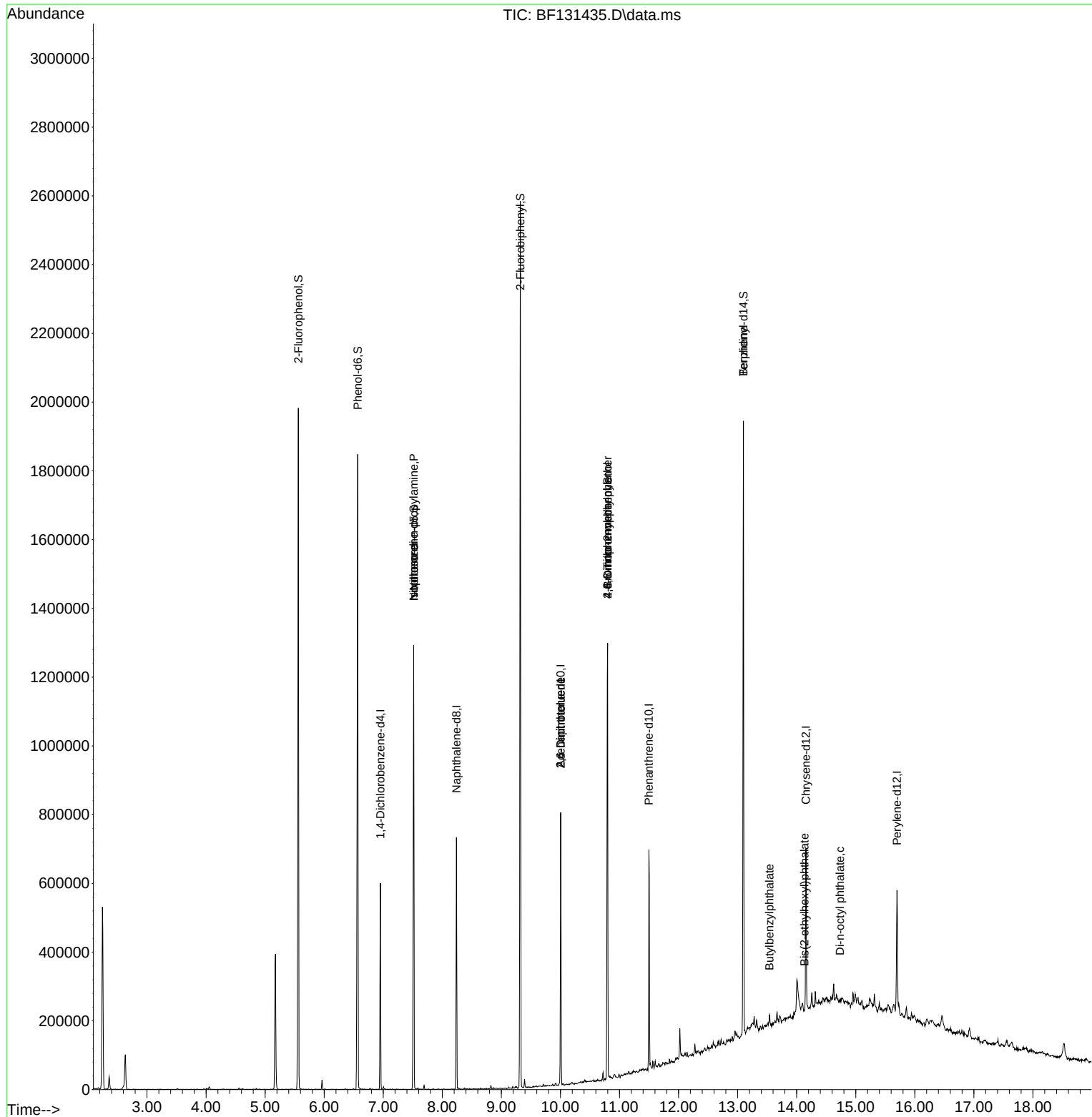
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	74170	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	265634	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	143418	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	229709	20.000	ng	0.00
76) Chrysene-d12	14.157	240	163631	20.000	ng	#-0.01
86) Perylene-d12	15.698	264	168509	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	461154	118.333	ng	0.00
7) Phenol-d6	6.569	99	563695	113.368	ng	0.00
23) Nitrobenzene-d5	7.516	82	383385	72.754	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	140036	116.060	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	689747	69.967	ng	0.00
79) Terphenyl-d14	13.098	244	600947	60.056	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.569	77	1275	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	7.516	70	53002	14.561	ng	# 75
25) Isophorone	7.516	82	383380	40.779	ng	# 68
51) 2,6-Dinitrotoluene	10.004	165	18358	9.187	ng	# 15
57) 2,4-Dinitrotoluene	10.004	165	18358	7.301	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.798	198	477	5.116	ng	# 1
67) 4-Bromophenyl-phenylether	10.798	248	9984	3.546	ng	# 1
77) Benzidine	13.098	184	8908	2.947	ng	97
80) Butylbenzylphthalate	13.539	149	768	4.288	ng	# 2
84) Bis(2-ethylhexyl)phtha...	14.133	149	1370	3.945	ng	# 60
85) Di-n-octyl phthalate	14.733	149	561	3.972	ng	# 53

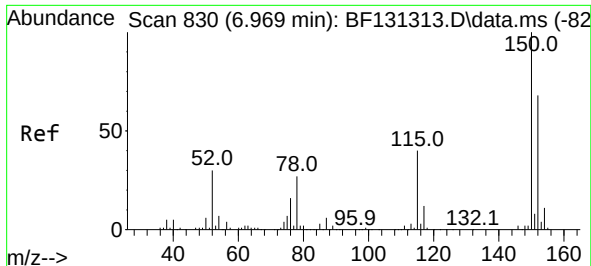
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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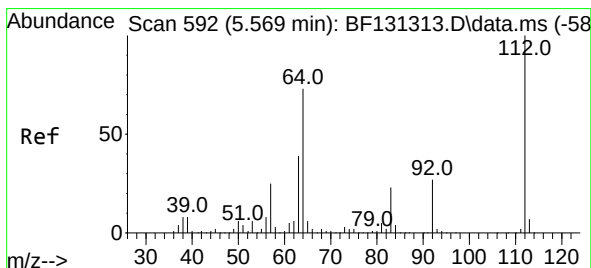
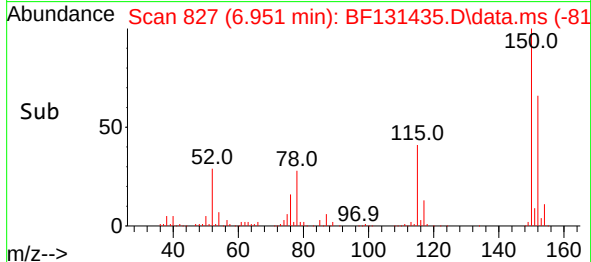
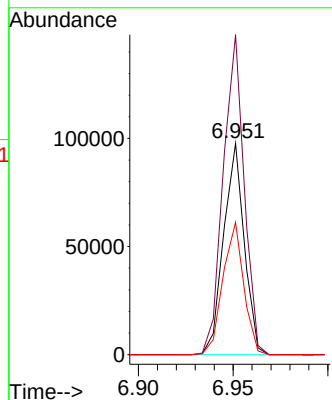
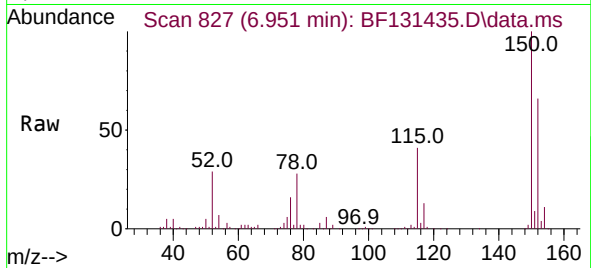




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131435.D
Acq: 28 Nov 2022 18:15

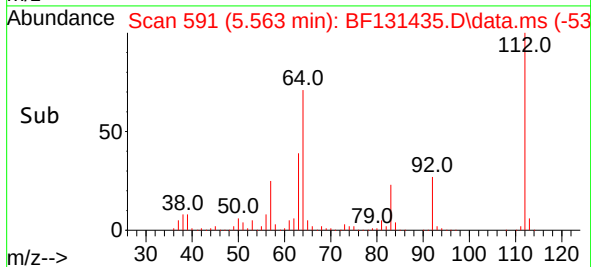
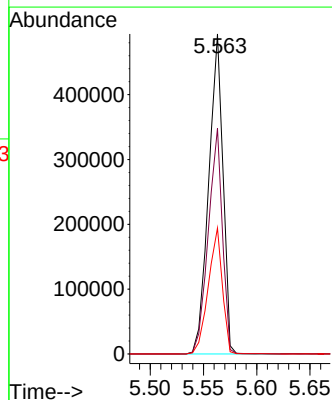
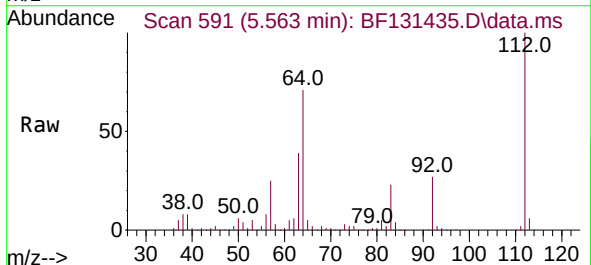
Instrument :
BNA_F
ClientSampleId :
B-13D

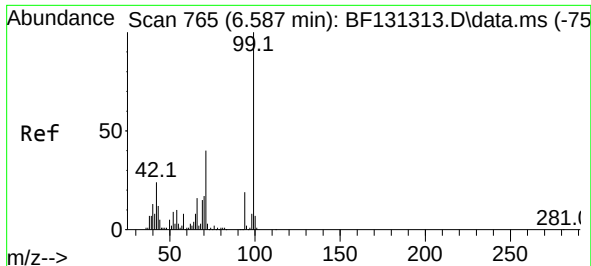
Tgt Ion:152 Resp: 74170
Ion Ratio Lower Upper
152 100
150 151.4 117.8 176.8
115 62.6 47.1 70.7



#5
2-Fluorophenol
Concen: 118.333 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.006 min
Lab File: BF131435.D
Acq: 28 Nov 2022 18:15

Tgt Ion:112 Resp: 461154
Ion Ratio Lower Upper
112 100
64 70.5 58.6 88.0
63 39.3 31.4 47.0

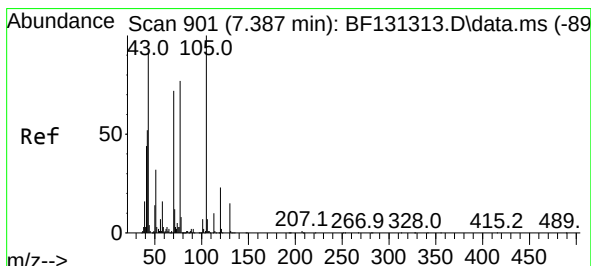
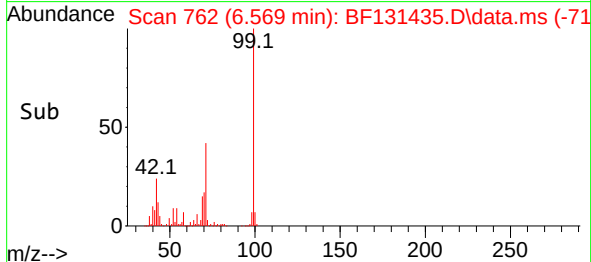
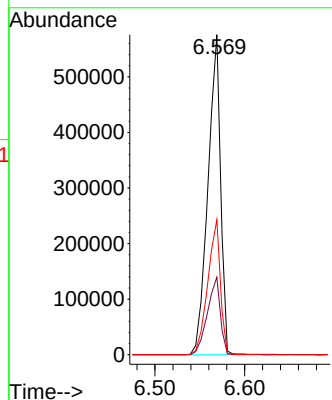
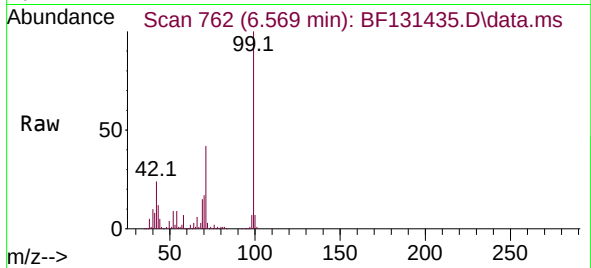




#7
Phenol-d6
Concen: 113.368 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131435.D
Acq: 28 Nov 2022 18:15

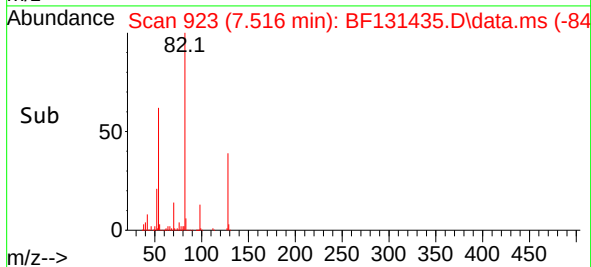
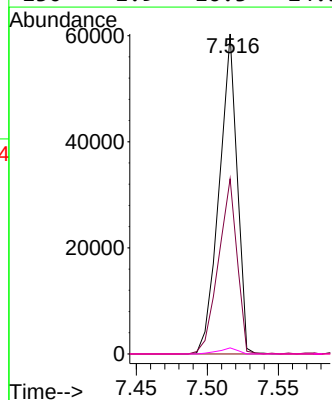
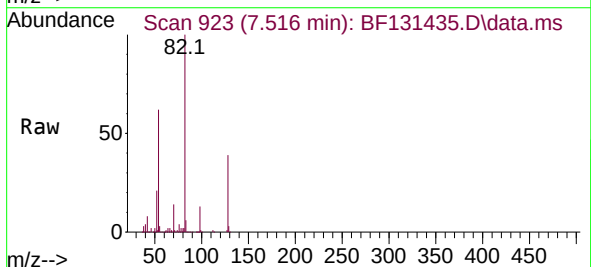
Instrument :
BNA_F
ClientSampleId :
B-13D

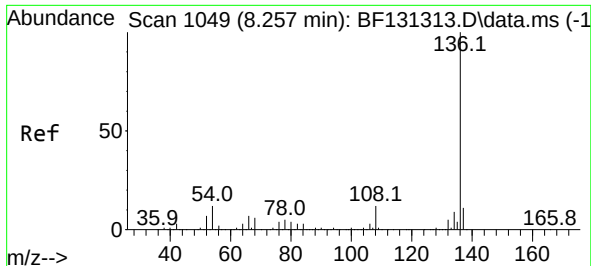
Tgt Ion: 99 Resp: 563695
Ion Ratio Lower Upper
99 100
42 24.2 19.4 29.2
71 42.1 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 14.561 ng
RT: 7.516 min Scan# 923
Delta R.T. 0.147 min
Lab File: BF131435.D
Acq: 28 Nov 2022 18:15

Tgt Ion: 70 Resp: 53002
Ion Ratio Lower Upper
70 100
42 54.7 57.6 86.4#
101 0.0 8.2 12.2#
130 1.9 16.3 24.5#

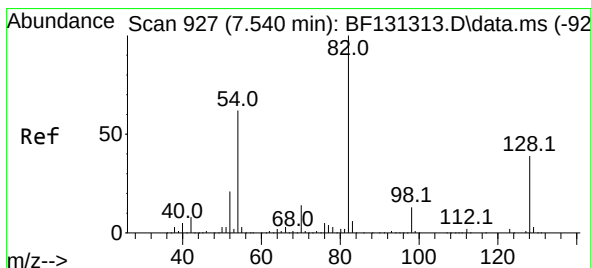
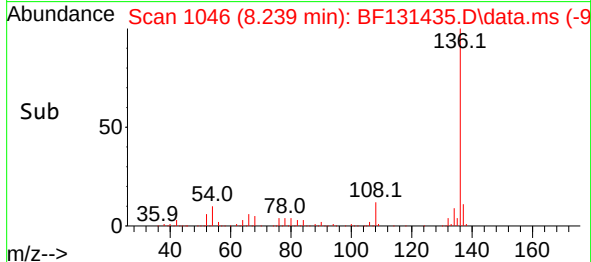
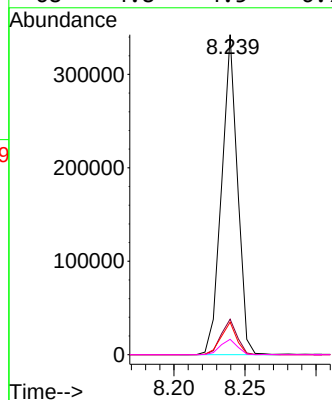
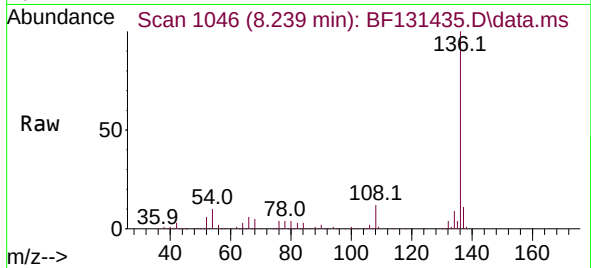




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131435.D
Acq: 28 Nov 2022 18:15

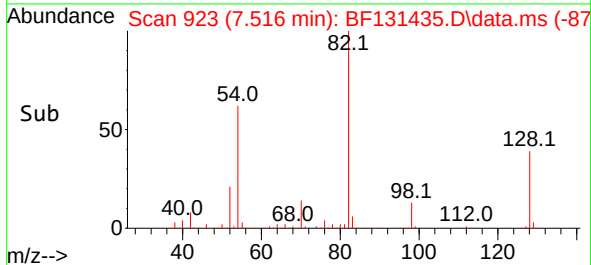
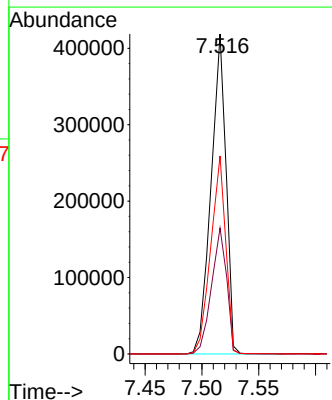
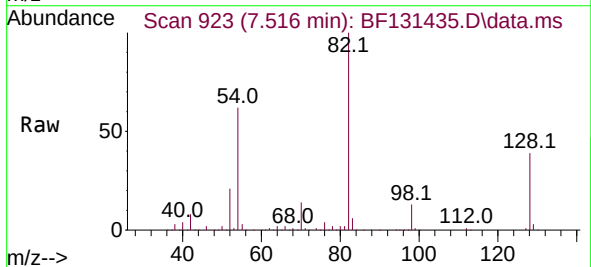
Instrument :
BNA_F
ClientSampleId :
B-13D

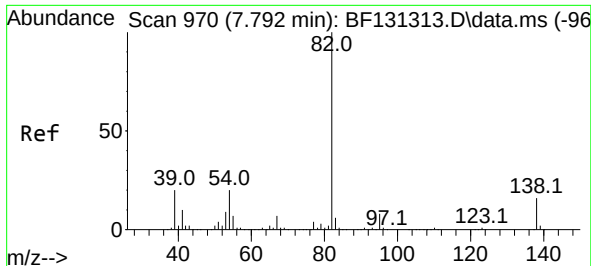
Tgt Ion:136 Resp: 265634
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 10.1 9.4 14.0
68 4.8 4.5 6.7



#23
Nitrobenzene-d5
Concen: 72.754 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.012 min
Lab File: BF131435.D
Acq: 28 Nov 2022 18:15

Tgt Ion: 82 Resp: 383385
Ion Ratio Lower Upper
82 100
128 39.4 31.4 47.0
54 61.9 49.8 74.6

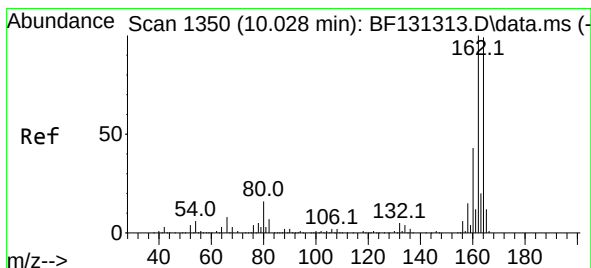
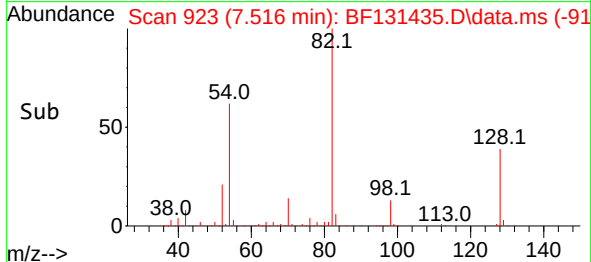
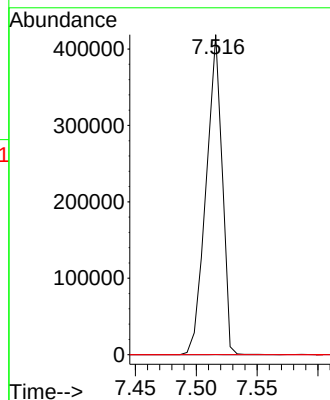
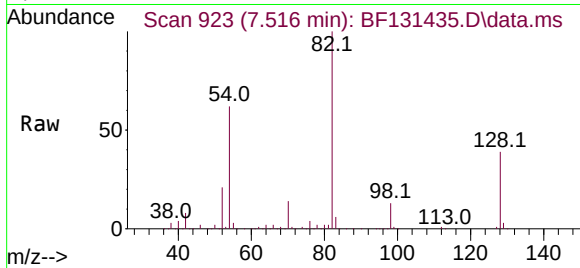




#25
Isophorone
Concen: 40.779 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131435.D
Acq: 28 Nov 2022 18:15

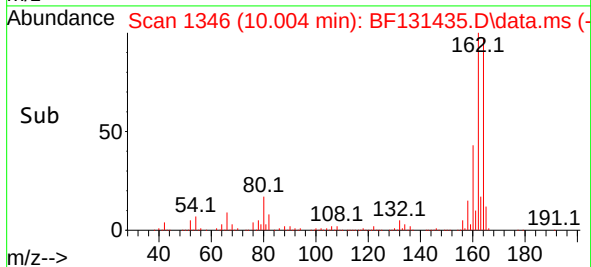
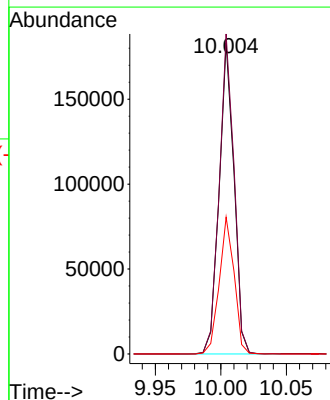
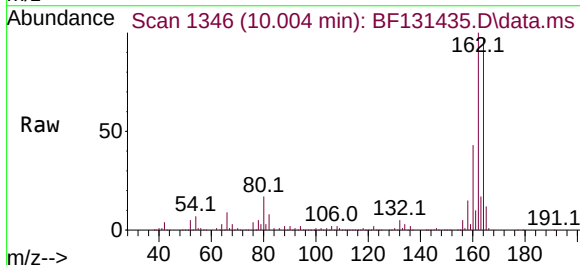
Instrument :
BNA_F
ClientSampleId :
B-13D

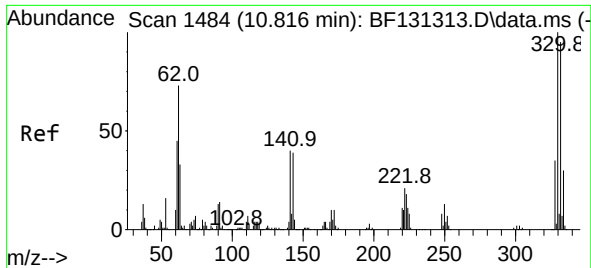
Tgt Ion: 82 Resp: 383380
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF131435.D
Acq: 28 Nov 2022 18:15

Tgt Ion:164 Resp: 143418
Ion Ratio Lower Upper
164 100
162 102.9 80.6 120.8
160 44.0 34.4 51.6

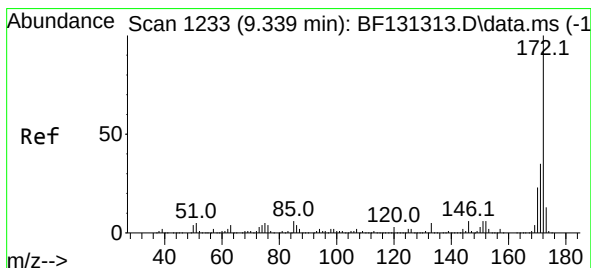
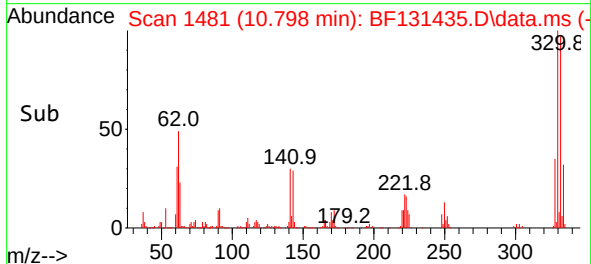
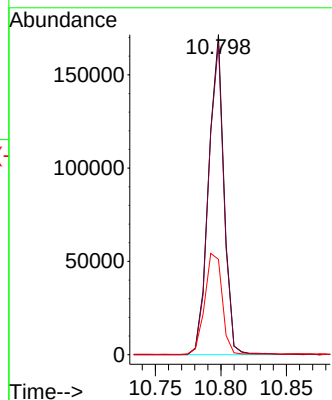
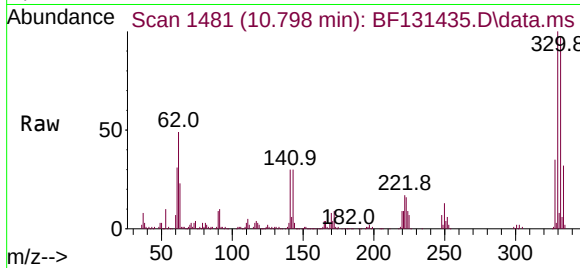




#42
2,4,6-Tribromophenol
Concen: 116.060 ng
RT: 10.798 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF131435.D
Acq: 28 Nov 2022 18:15

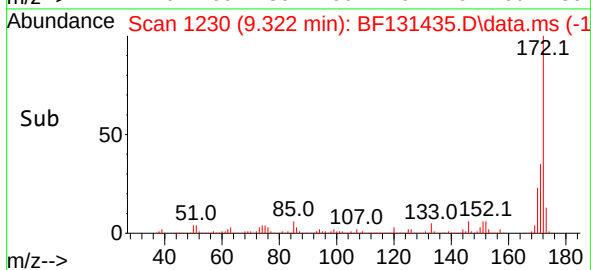
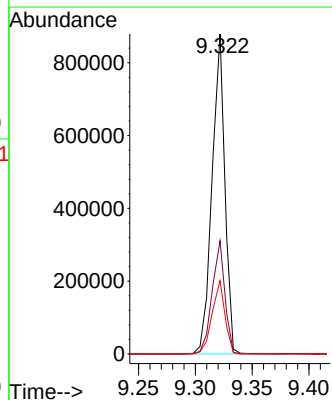
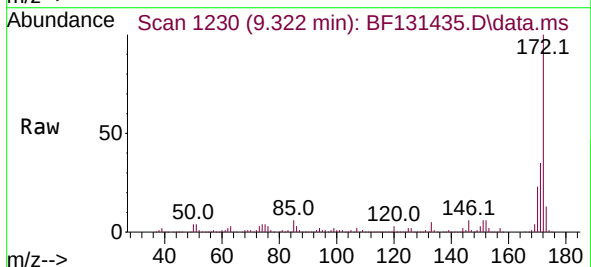
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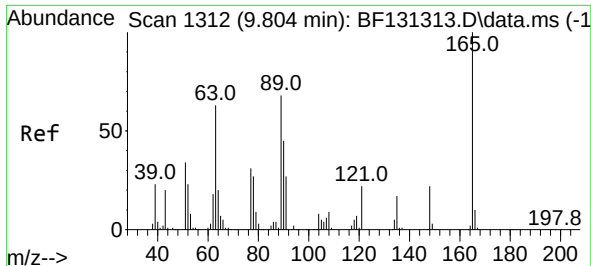
Tgt Ion:330 Resp: 140036
Ion Ratio Lower Upper
330 100
332 97.9 77.5 116.3
141 35.7 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 69.967 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF131435.D
Acq: 28 Nov 2022 18:15

Tgt Ion:172 Resp: 689747
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 22.9 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 9.187 ng

RT: 10.004 min Scan# 1346

Delta R.T. 0.212 min

Lab File: BF131435.D

Acq: 28 Nov 2022 18:15

Instrument :

BNA_F

ClientSampleId :

B-13D

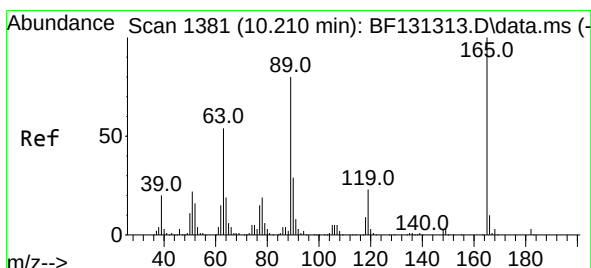
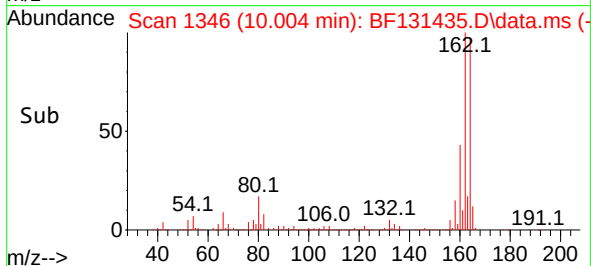
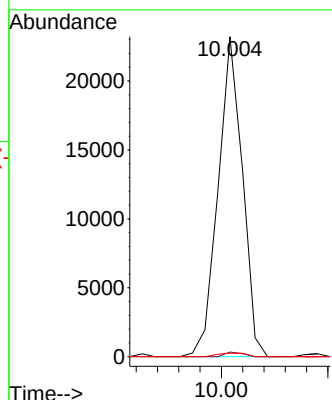
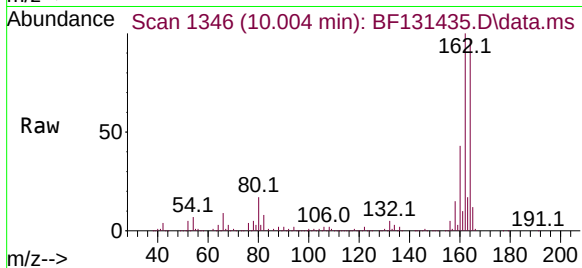
Tgt Ion:165 Resp: 18358

Ion Ratio Lower Upper

165 100

63 1.4 62.0 93.0#

89 1.1 54.4 81.6#



#57

2,4-Dinitrotoluene

Concen: 7.301 ng

RT: 10.004 min Scan# 1346

Delta R.T. -0.194 min

Lab File: BF131435.D

Acq: 28 Nov 2022 18:15

Tgt Ion:165 Resp: 18358

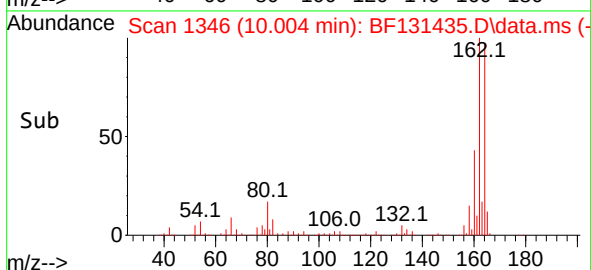
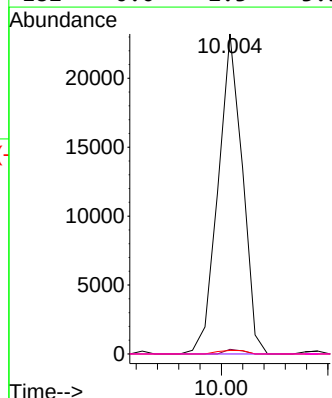
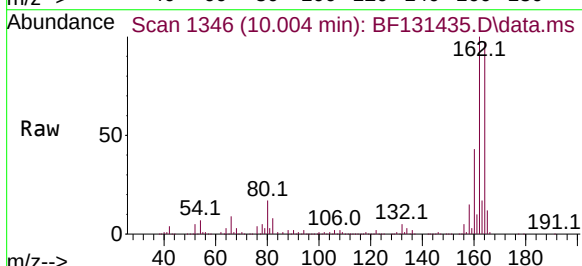
Ion Ratio Lower Upper

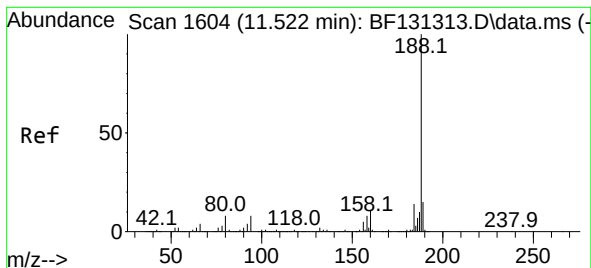
165 100

63 1.4 43.4 65.2#

89 1.1 64.0 96.0#

182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.498 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131435.D

Acq: 28 Nov 2022 18:15

Instrument :

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ClientSampleId :

B-13D

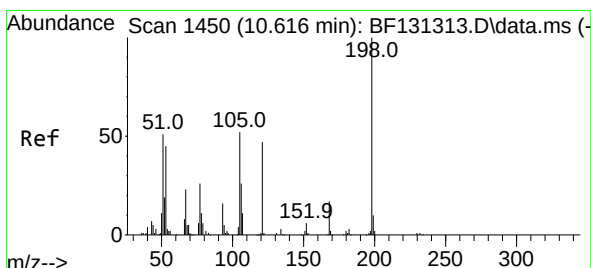
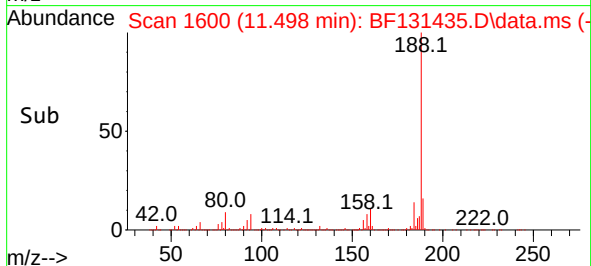
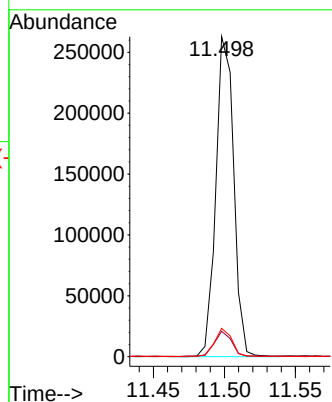
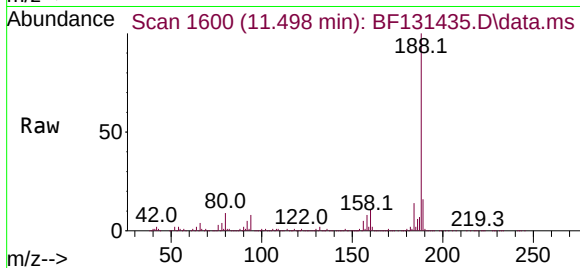
Tgt Ion:188 Resp: 229709

Ion Ratio Lower Upper

188 100

94 8.0 6.3 9.5

80 8.9 6.8 10.2



#65

4,6-Dinitro-2-methylphenol

Concen: 5.116 ng

RT: 10.798 min Scan# 1481

Delta R.T. 0.194 min

Lab File: BF131435.D

Acq: 28 Nov 2022 18:15

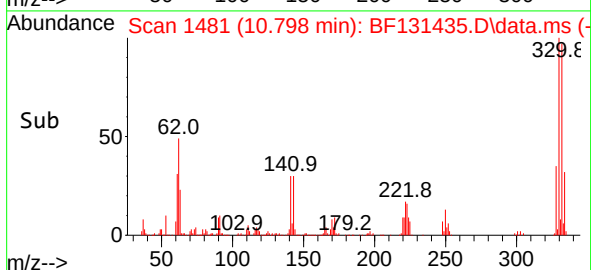
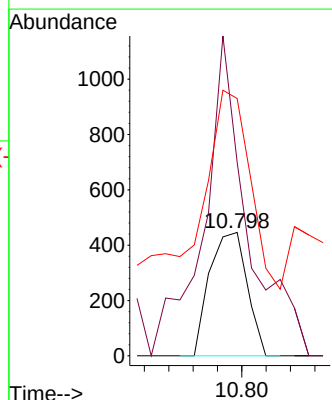
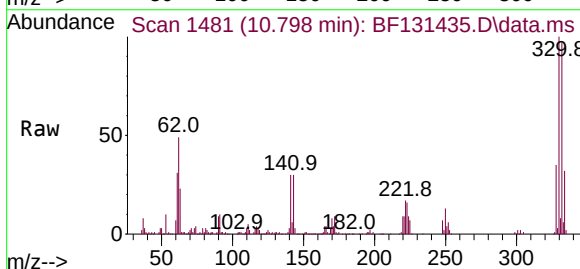
Tgt Ion:198 Resp: 477

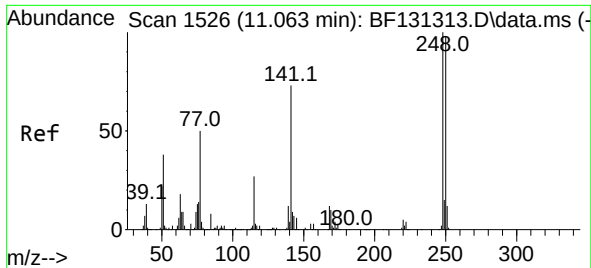
Ion Ratio Lower Upper

198 100

51 157.0 50.1 90.1#

105 208.5 32.5 72.5#

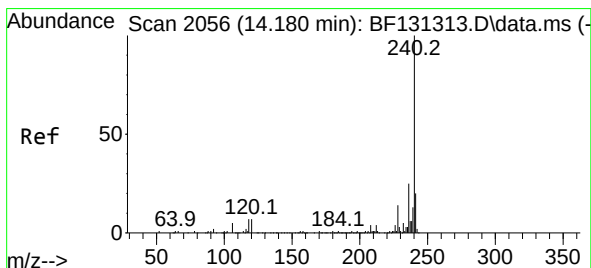
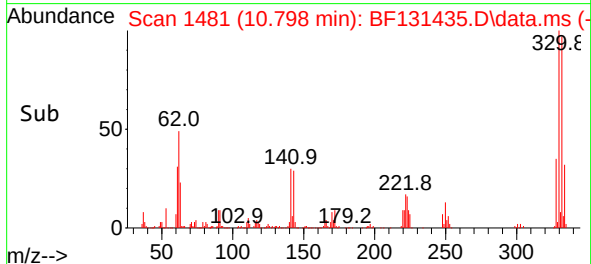
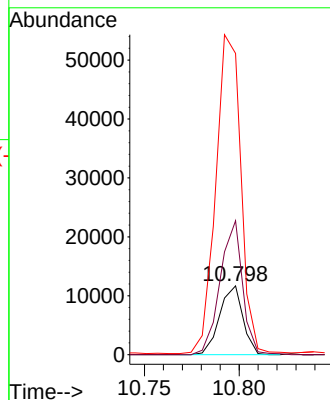
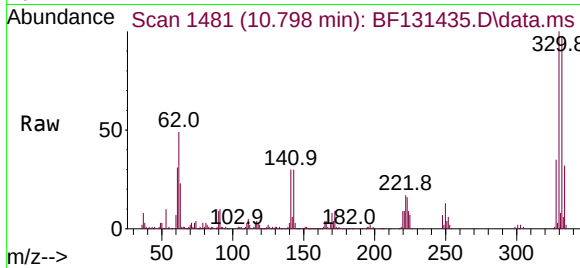




#67
4-Bromophenyl-phenylether
Concen: 3.546 ng
RT: 10.798 min Scan# 141
Delta R.T. -0.247 min
Lab File: BF131435.D
Acq: 28 Nov 2022 18:15

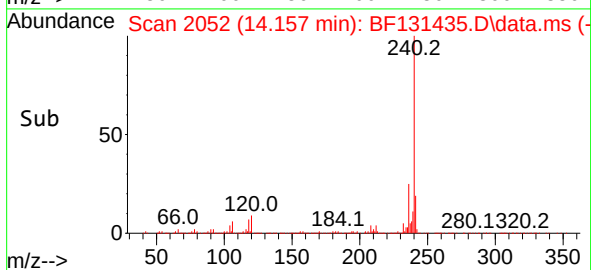
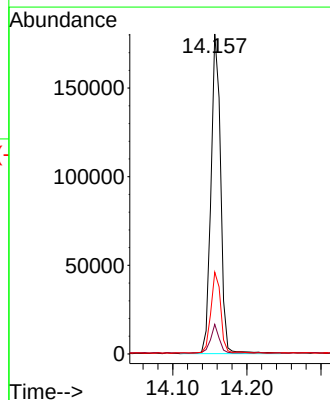
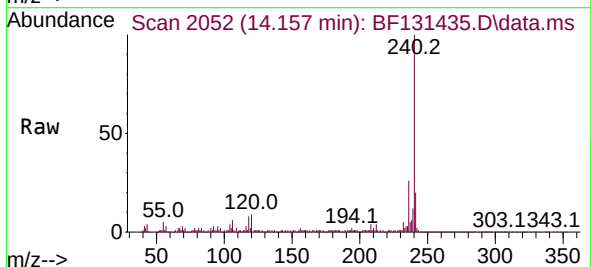
Instrument :
BNA_F
ClientSampleId :
B-13D

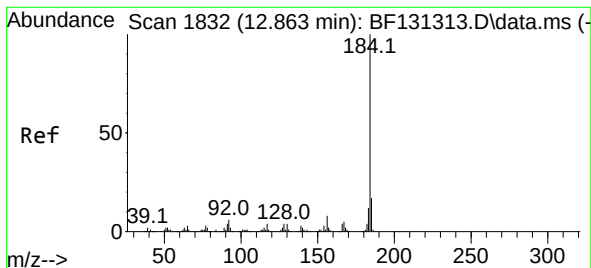
Tgt Ion:248 Resp: 9984
Ion Ratio Lower Upper
248 100
250 194.6 78.3 117.5#
141 437.9 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 2052
Delta R.T. -0.012 min
Lab File: BF131435.D
Acq: 28 Nov 2022 18:15

Tgt Ion:240 Resp: 163631
Ion Ratio Lower Upper
240 100
120 9.3 5.8 8.8#
236 25.6 20.3 30.5





#77

Benzidine

Concen: 2.947 ng

RT: 13.098 min Scan# 1872

Delta R.T. 0.247 min

Lab File: BF131435.D

Acq: 28 Nov 2022 18:15

Instrument :

BNA_F

ClientSampleId :

B-13D

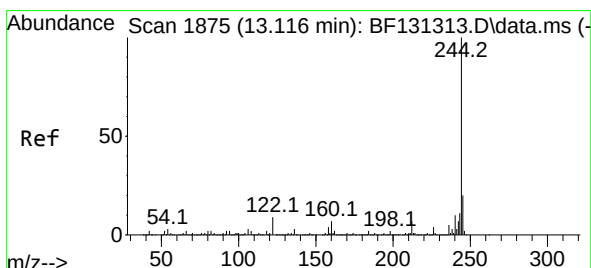
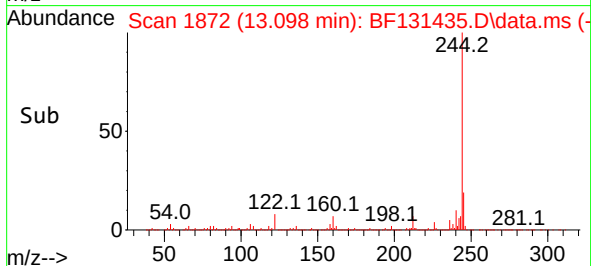
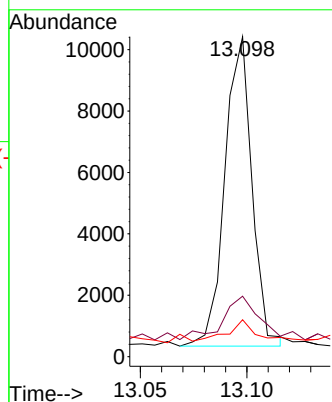
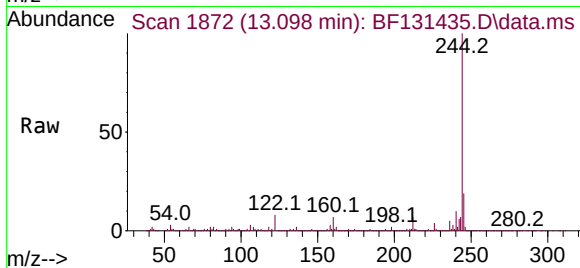
Tgt Ion:184 Resp: 8908

Ion Ratio Lower Upper

184 100

185 18.9 13.8 20.8

183 11.5 9.6 14.4



#79

Terphenyl-d14

Concen: 60.056 ng

RT: 13.098 min Scan# 1872

Delta R.T. -0.006 min

Lab File: BF131435.D

Acq: 28 Nov 2022 18:15

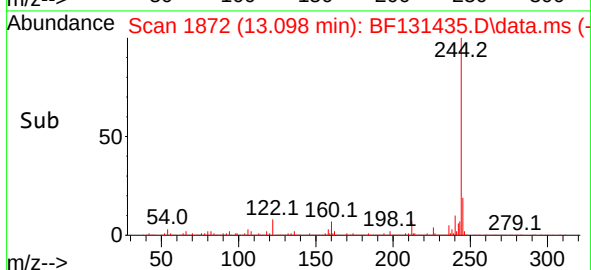
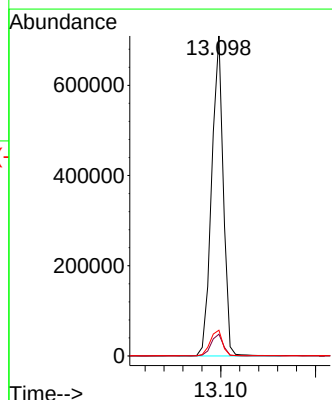
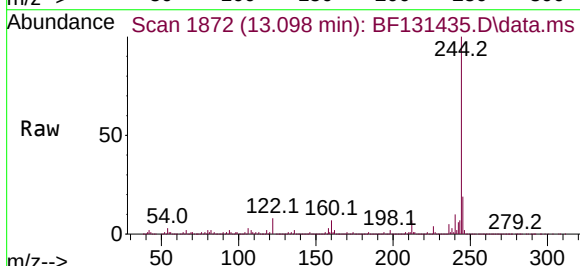
Tgt Ion:244 Resp: 600947

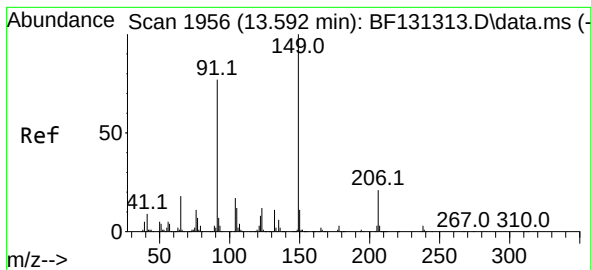
Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

122 8.0 7.5 11.3





#80

Butylbenzylphthalate

Concen: 4.288 ng

RT: 13.539 min Scan# 1956

Delta R.T. -0.041 min

Lab File: BF131435.D

Acq: 28 Nov 2022 18:15

Instrument :

BNA_F

ClientSampleId :

B-13D

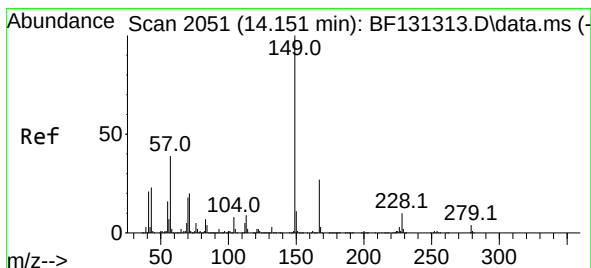
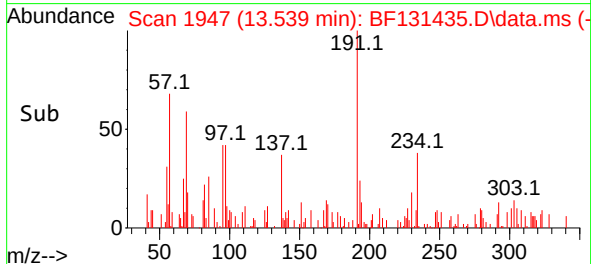
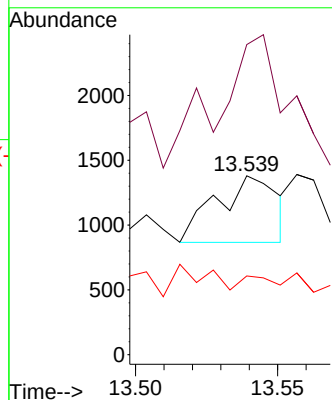
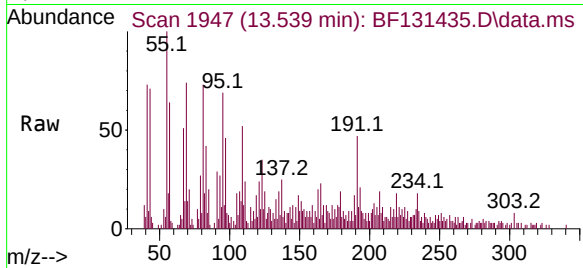
Tgt Ion:149 Resp: 768

Ion Ratio Lower Upper

149 100

91 173.3 61.9 92.9#

206 44.1 16.5 24.7#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.945 ng

RT: 14.133 min Scan# 2048

Delta R.T. -0.006 min

Lab File: BF131435.D

Acq: 28 Nov 2022 18:15

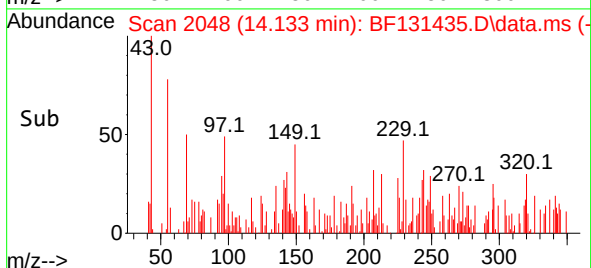
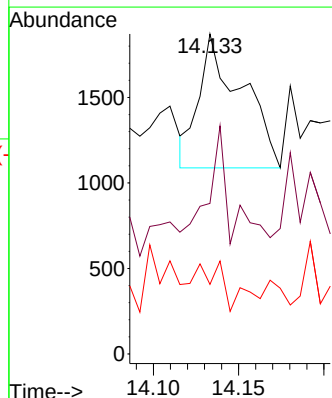
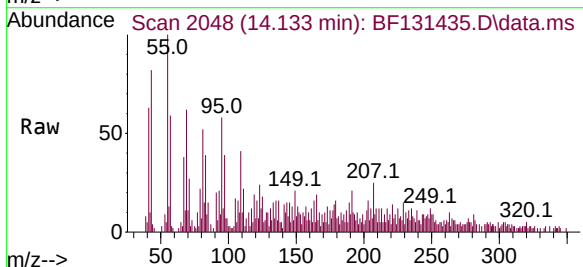
Tgt Ion:149 Resp: 1370

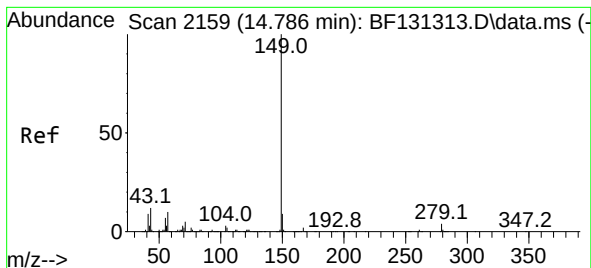
Ion Ratio Lower Upper

149 100

167 47.0 21.9 32.9#

279 21.8 3.0 4.4#





#85

Di-n-octyl phthalate

Concen: 3.972 ng

RT: 14.733 min Scan# 2150

Delta R.T. -0.029 min

Lab File: BF131435.D

Acq: 28 Nov 2022 18:15

Instrument :

BNA_F

ClientSampleId :

B-13D

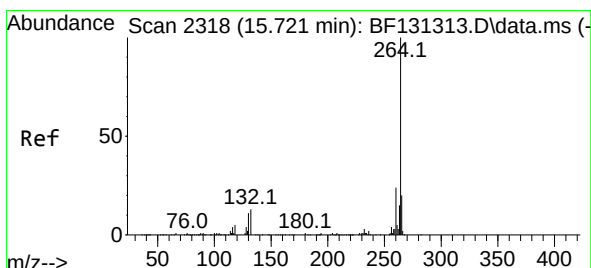
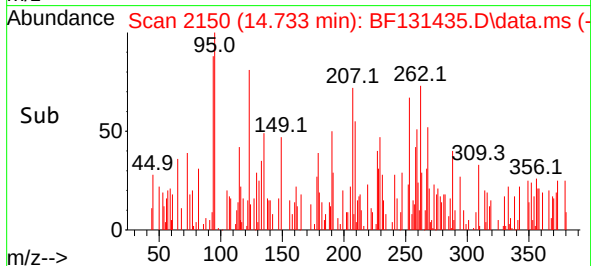
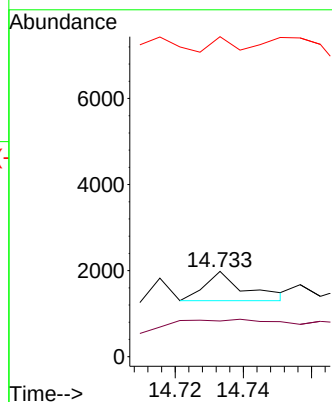
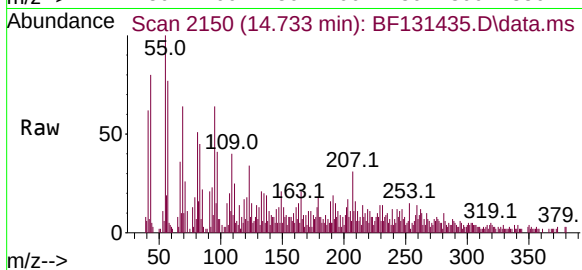
Tgt Ion:149 Resp: 561

Ion Ratio Lower Upper

149 100

167 65.4 1.2 1.8#

43 0.0 10.7 16.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.698 min Scan# 2314

Delta R.T. -0.000 min

Lab File: BF131435.D

Acq: 28 Nov 2022 18:15

Tgt Ion:264 Resp: 168509

Ion Ratio Lower Upper

264 100

260 22.4 19.0 28.4

265 22.5 16.4 24.6

