

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121522\
 Data File : BF131653.D
 Acq On : 15 Dec 2022 17:19
 Operator : CG\JU
 Sample : N6038-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-35-(5-7)

Quant Time: Dec 16 01:52:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 01:44:46 2022
 Response via : Initial Calibration

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

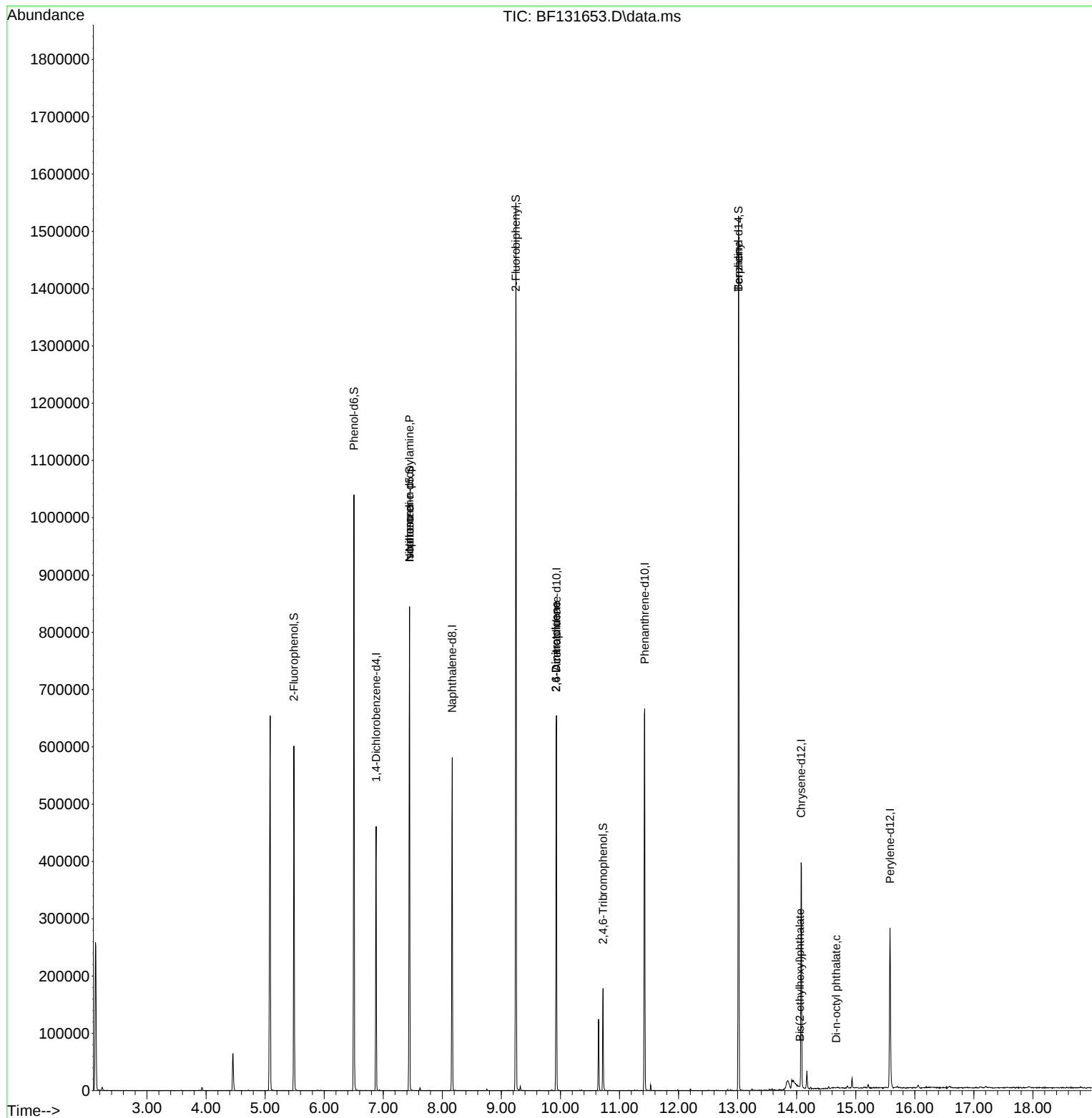
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	62236	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	226214	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	132466	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	257273	20.000	ng	0.00
76) Chrysene-d12	14.074	240	139993	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	133968	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	133730	35.847	ng	0.00
7) Phenol-d6	6.504	99	282255	57.737	ng	-0.01
23) Nitrobenzene-d5	7.445	82	259113	43.305	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	17871	12.143	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	450282	42.860	ng	0.00
79) Terphenyl-d14	13.016	244	503931	49.366	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	36136	9.858	ng	# 77
25) Isophorone	7.445	82	259110	26.885	ng	# 69
51) 2,6-Dinitrotoluene	9.928	165	16541	7.934	ng	# 10
57) 2,4-Dinitrotoluene	9.928	165	16541	5.981	ng	# 16
77) Benzidine	13.016	184	7865	2.097	ng	# 91
84) Bis(2-ethylhexyl)phtha...	14.057	149	267	3.078	ng	# 54
85) Di-n-octyl phthalate	14.668	149	321	5.251	ng	# 72

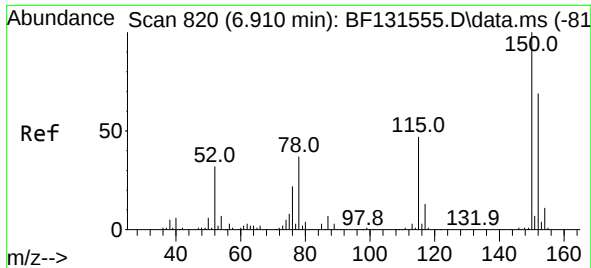
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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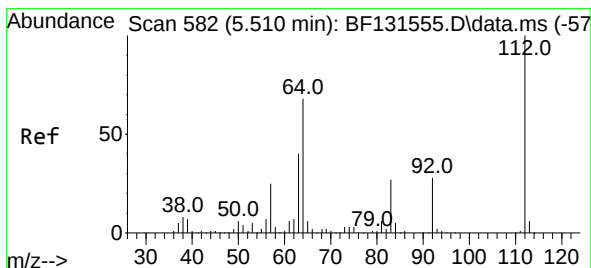
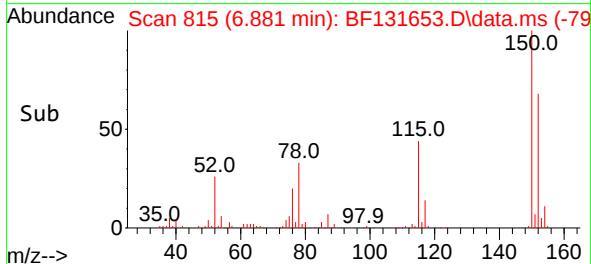
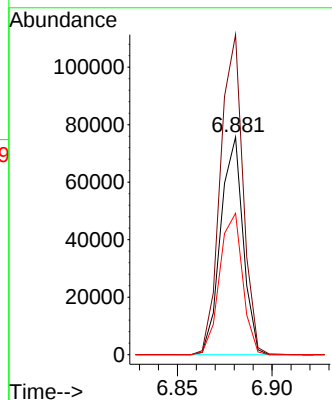
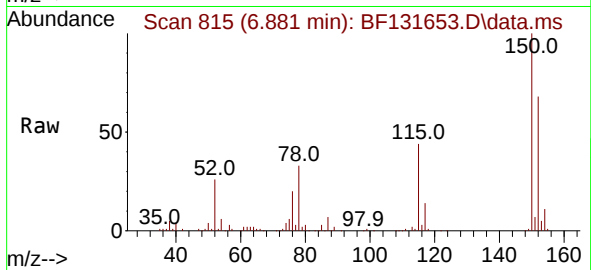




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131653.D
Acq: 15 Dec 2022 17:19

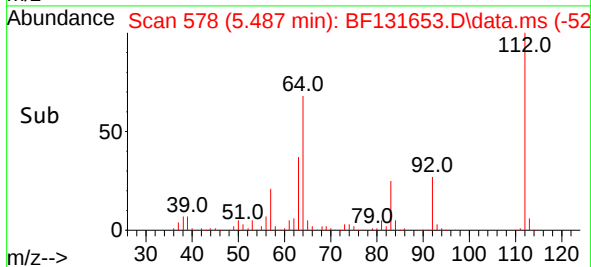
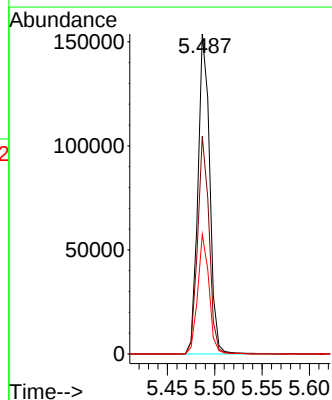
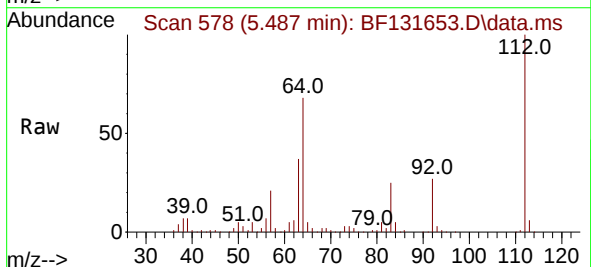
Instrument :
BNA_F
ClientSampleId :
RB-35-(5-7)

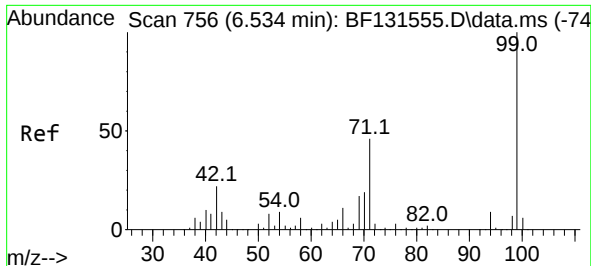
Tgt Ion:152 Resp: 62236
Ion Ratio Lower Upper
152 100
150 147.1 116.7 175.1
115 65.0 54.6 82.0



#5
2-Fluorophenol
Concen: 35.847 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF131653.D
Acq: 15 Dec 2022 17:19

Tgt Ion:112 Resp: 133730
Ion Ratio Lower Upper
112 100
64 68.0 54.5 81.7
63 37.4 31.9 47.9

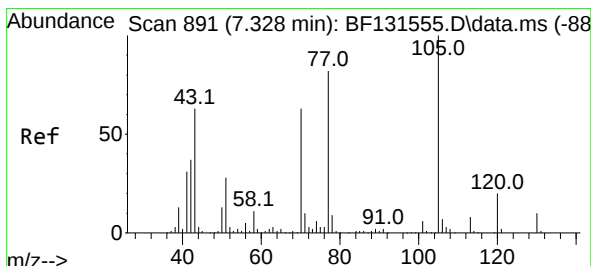
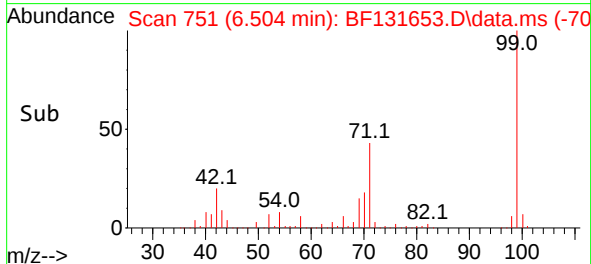
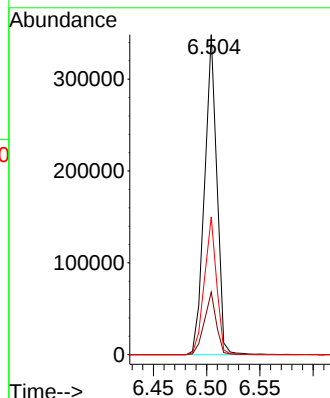
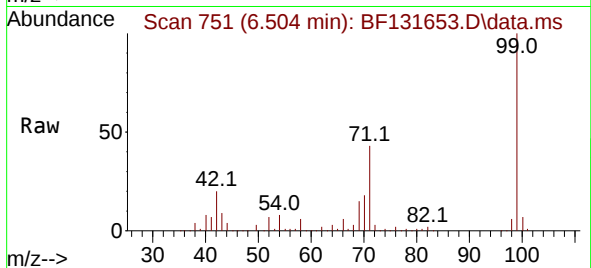




#7
Phenol-d6
Concen: 57.737 ng
RT: 6.504 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF131653.D
Acq: 15 Dec 2022 17:19

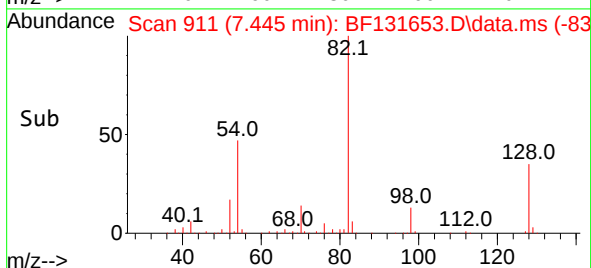
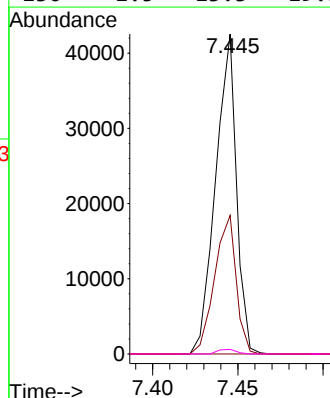
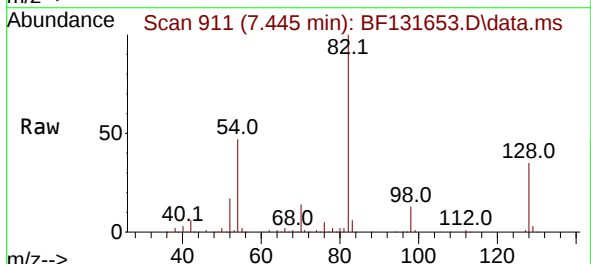
Instrument :
BNA_F
ClientSampleId :
RB-35-(5-7)

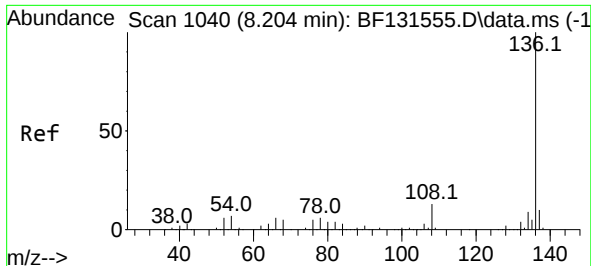
Tgt Ion: 99 Resp: 282255
Ion Ratio Lower Upper
99 100
42 19.6 17.9 26.9
71 43.0 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 9.858 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF131653.D
Acq: 15 Dec 2022 17:19

Tgt Ion: 70 Resp: 36136
Ion Ratio Lower Upper
70 100
42 43.3 46.4 69.6#
101 0.0 7.2 10.8#
130 1.5 13.3 19.9#

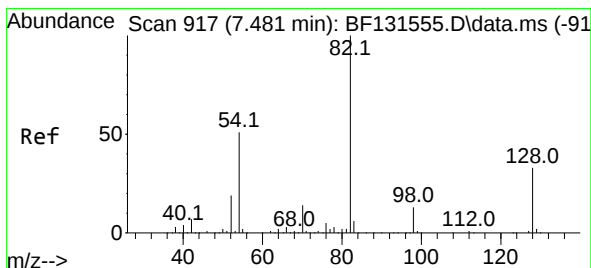
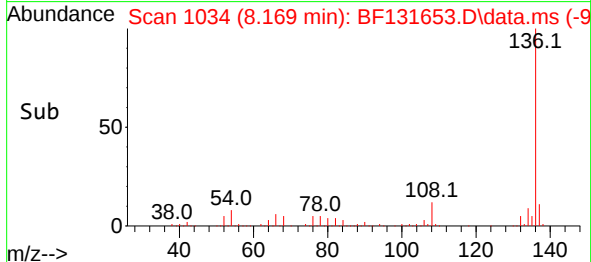
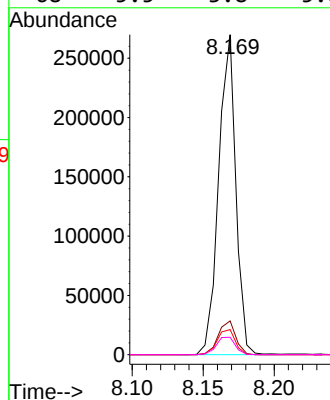
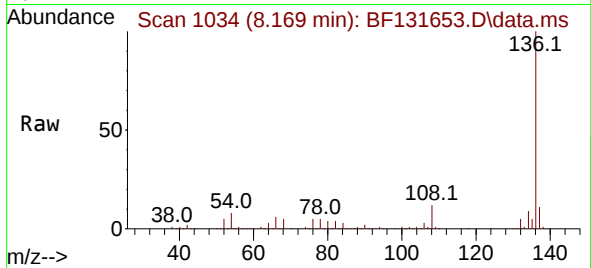




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131653.D
Acq: 15 Dec 2022 17:19

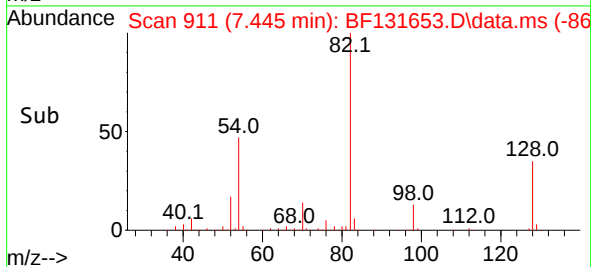
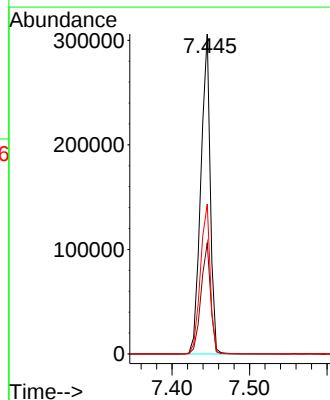
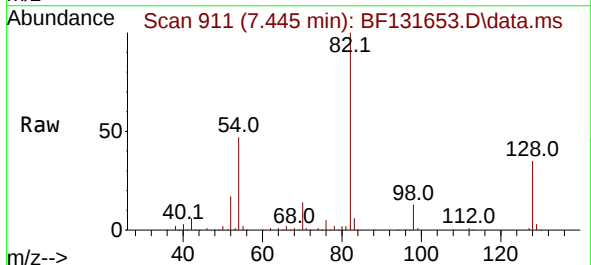
Instrument :
BNA_F
ClientSampleId :
RB-35-(5-7)

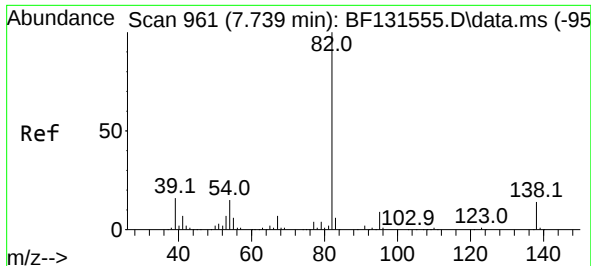
Tgt Ion:136 Resp: 226214
Ion Ratio Lower Upper
136 100
137 10.5 8.1 12.1
54 7.9 6.0 9.0
68 5.5 3.8 5.8



#23
Nitrobenzene-d5
Concen: 43.305 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF131653.D
Acq: 15 Dec 2022 17:19

Tgt Ion: 82 Resp: 259113
Ion Ratio Lower Upper
82 100
128 34.7 26.1 39.1
54 46.9 40.6 60.8

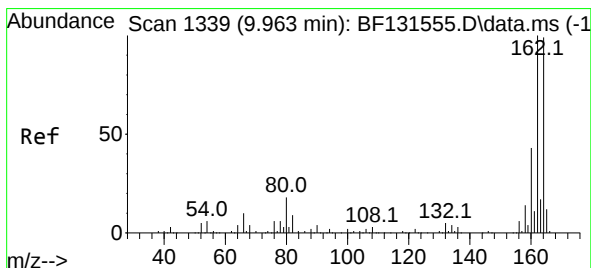
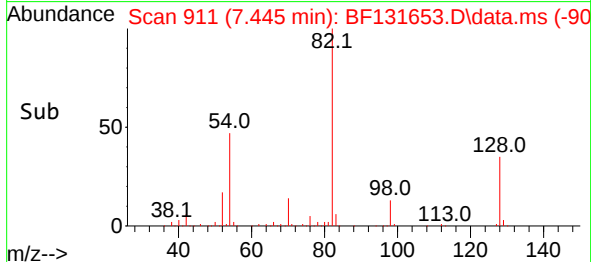
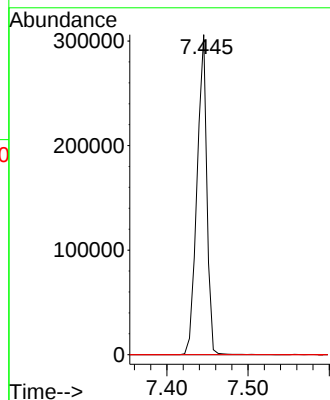
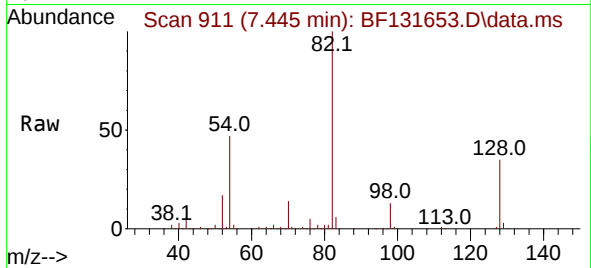




#25
Isophorone
Concen: 26.885 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131653.D
Acq: 15 Dec 2022 17:19

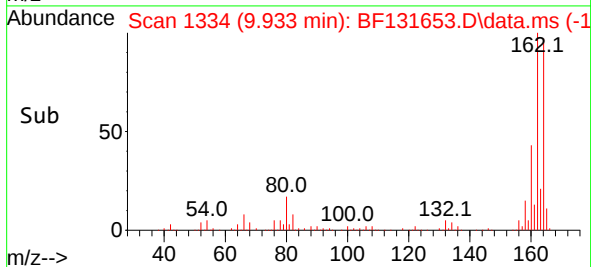
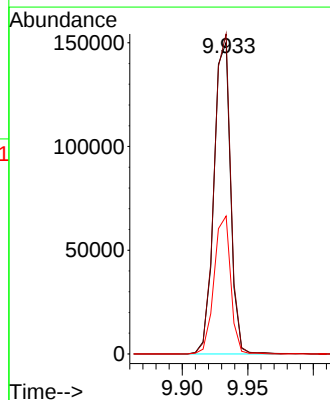
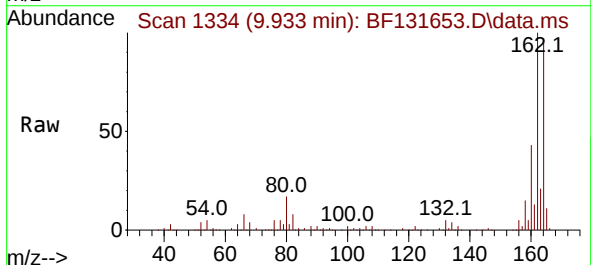
Instrument :
BNA_F
ClientSampleId :
RB-35-(5-7)

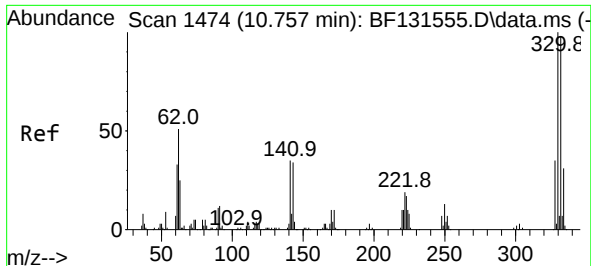
Tgt Ion: 82 Resp: 259110
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131653.D
Acq: 15 Dec 2022 17:19

Tgt Ion: 164 Resp: 132466
Ion Ratio Lower Upper
164 100
162 102.7 81.0 121.6
160 44.3 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 12.143 ng

RT: 10.722 min Scan# 1468

Delta R.T. -0.012 min

Lab File: BF131653.D

Acq: 15 Dec 2022 17:19

Instrument :

BNA_F

ClientSampleId :

RB-35-(5-7)

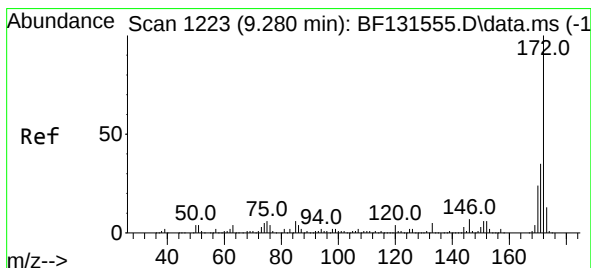
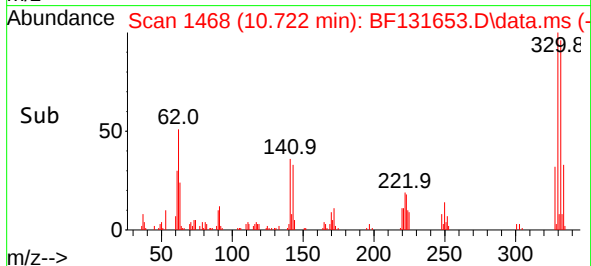
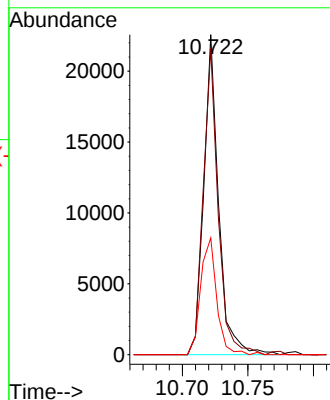
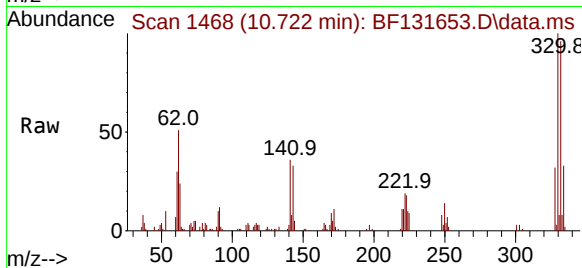
Tgt Ion:330 Resp: 17871

Ion Ratio Lower Upper

330 100

332 95.5 78.3 117.5

141 39.5 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 42.860 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF131653.D

Acq: 15 Dec 2022 17:19

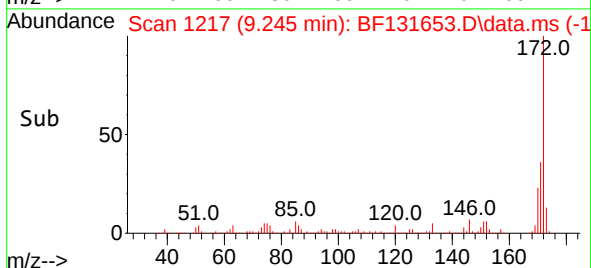
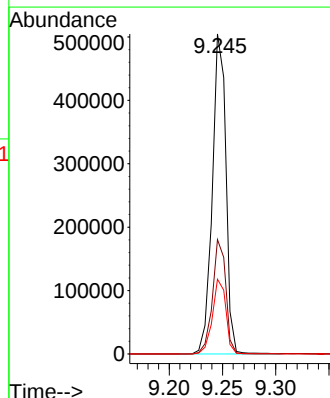
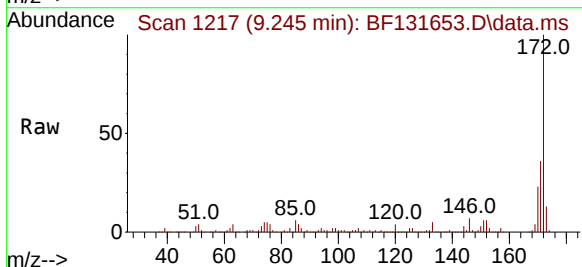
Tgt Ion:172 Resp: 450282

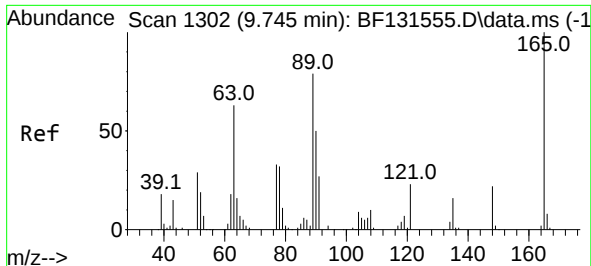
Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.4 19.3 28.9





#51

2,6-Dinitrotoluene

Concen: 7.934 ng

RT: 9.928 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF131653.D

Acq: 15 Dec 2022 17:19

Instrument :

BNA_F

ClientSampleId :

RB-35-(5-7)

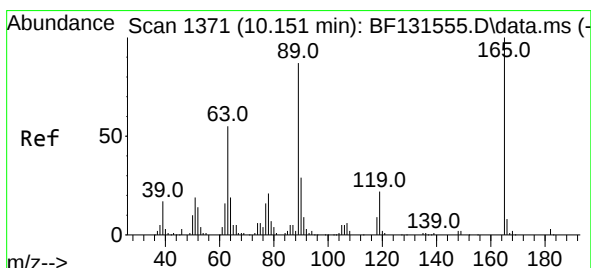
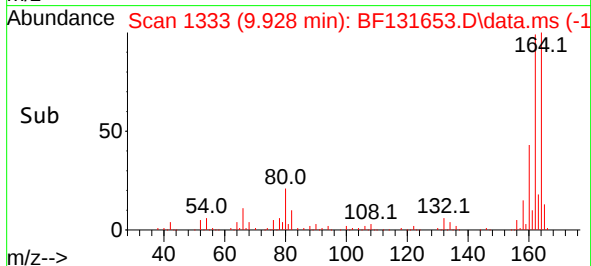
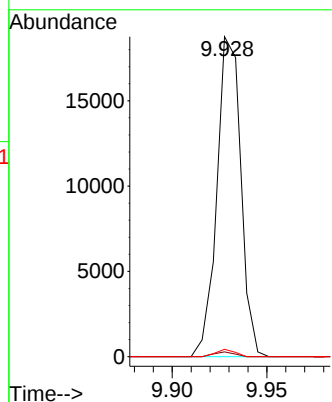
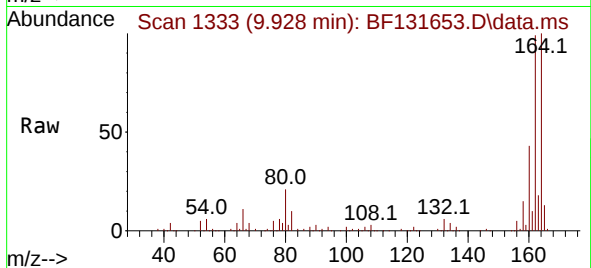
Tgt Ion:165 Resp: 16541

Ion Ratio Lower Upper

165 100

63 1.5 67.9 101.9#

89 2.3 63.2 94.8#



#57

2,4-Dinitrotoluene

Concen: 5.981 ng

RT: 9.928 min Scan# 1333

Delta R.T. -0.200 min

Lab File: BF131653.D

Acq: 15 Dec 2022 17:19

Tgt Ion:165 Resp: 16541

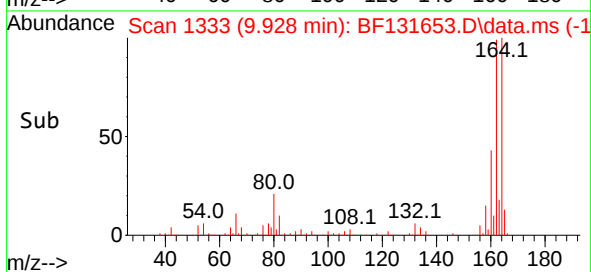
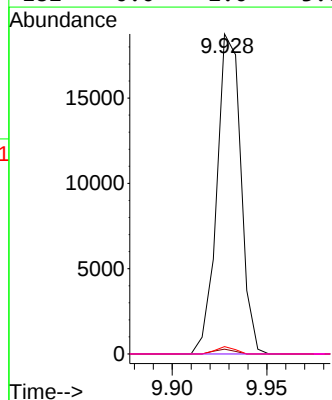
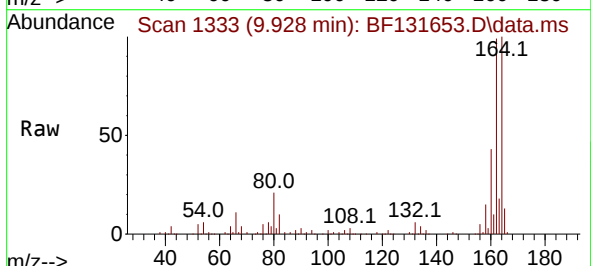
Ion Ratio Lower Upper

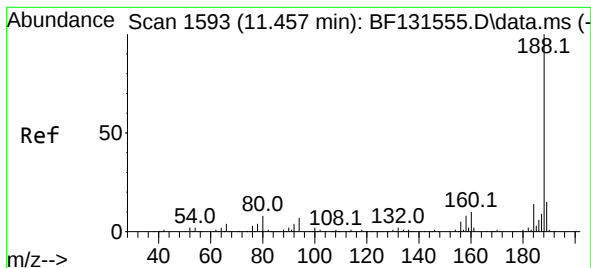
165 100

63 1.5 44.4 66.6#

89 2.3 69.6 104.4#

182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131653.D

Acq: 15 Dec 2022 17:19

Instrument :

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ClientSampleId :

RB-35-(5-7)

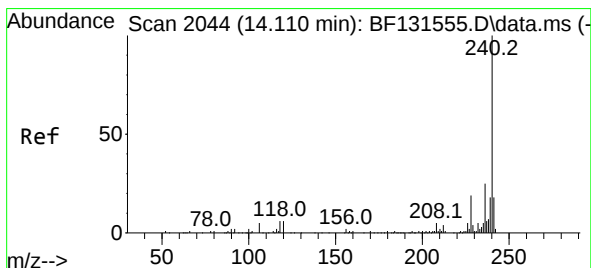
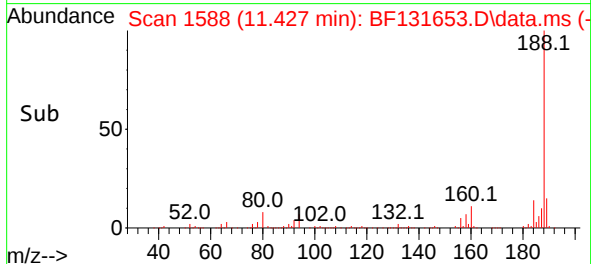
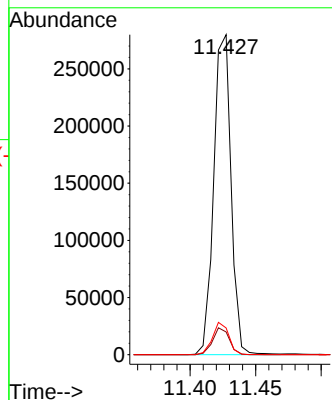
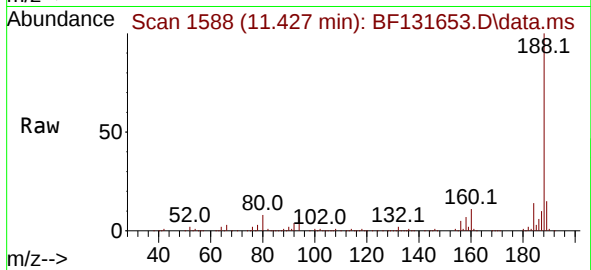
Tgt Ion:188 Resp: 257273

Ion Ratio Lower Upper

188 100

94 7.1 5.5 8.3

80 8.4 6.6 10.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF131653.D

Acq: 15 Dec 2022 17:19

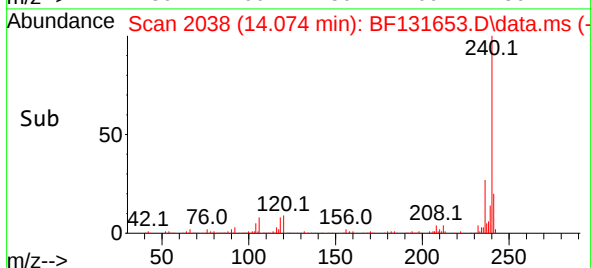
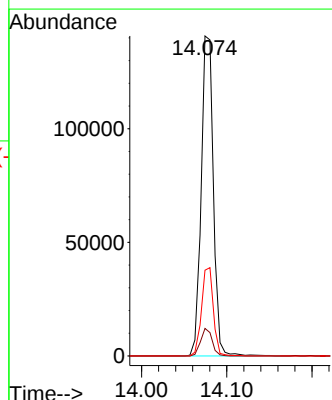
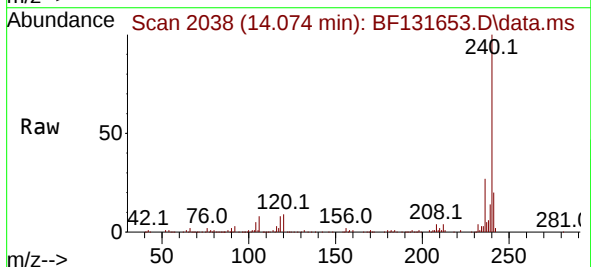
Tgt Ion:240 Resp: 139993

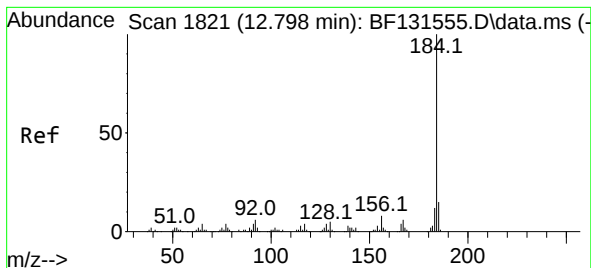
Ion Ratio Lower Upper

240 100

120 8.6 4.6 7.0#

236 26.8 20.2 30.2





#77

Benzidine

Concen: 2.097 ng

RT: 13.016 min Scan# 1858

Delta R.T. 0.241 min

Lab File: BF131653.D

Acq: 15 Dec 2022 17:19

Instrument :

BNA_F

ClientSampleId :

RB-35-(5-7)

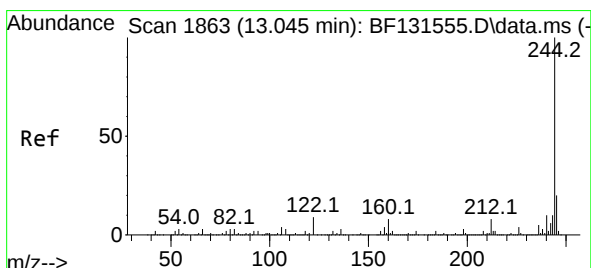
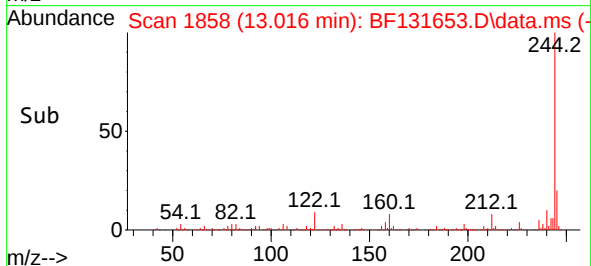
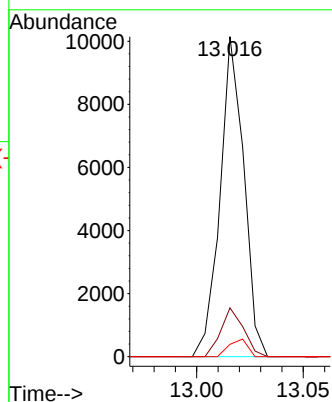
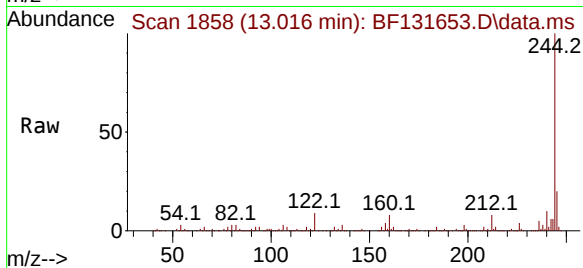
Tgt Ion:184 Resp: 7865

Ion Ratio Lower Upper

184 100

185 15.3 12.2 18.2

183 3.8 9.3 13.9#



#79

Terphenyl-d14

Concen: 49.366 ng

RT: 13.016 min Scan# 1858

Delta R.T. -0.006 min

Lab File: BF131653.D

Acq: 15 Dec 2022 17:19

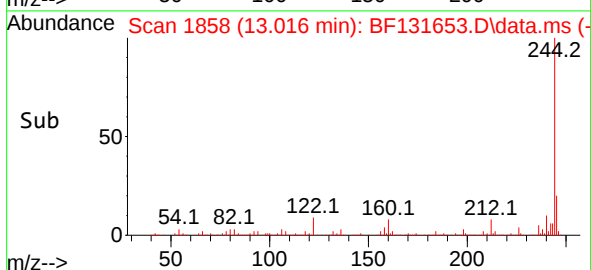
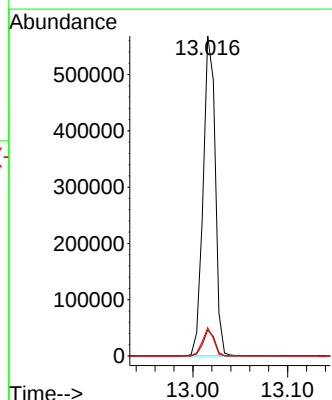
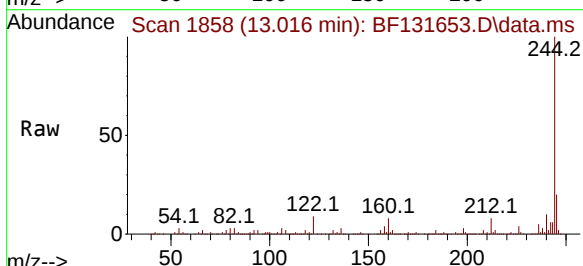
Tgt Ion:244 Resp: 503931

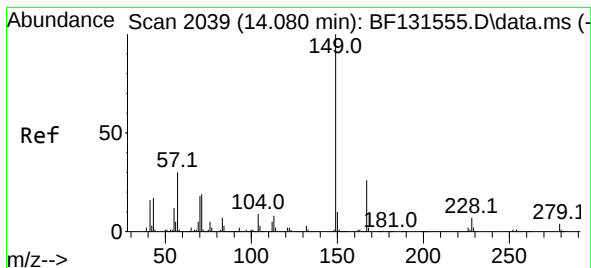
Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

122 8.9 7.1 10.7

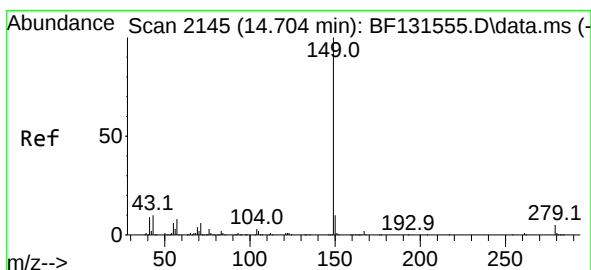
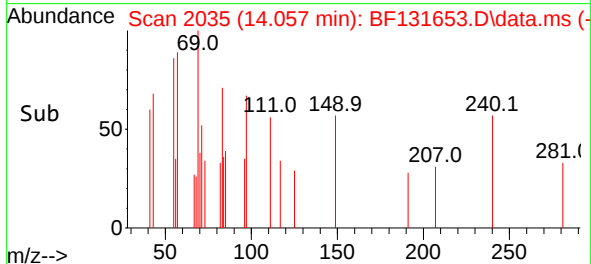
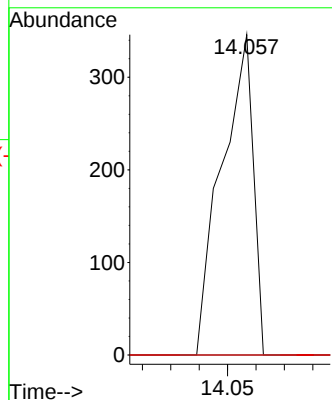
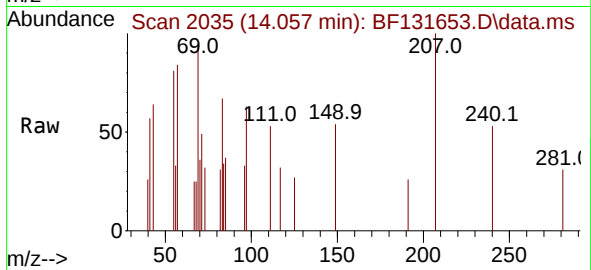




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.078 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BF131653.D
Acq: 15 Dec 2022 17:19

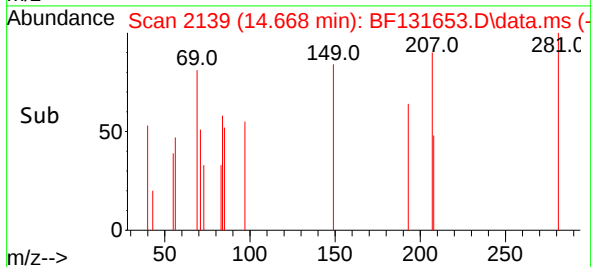
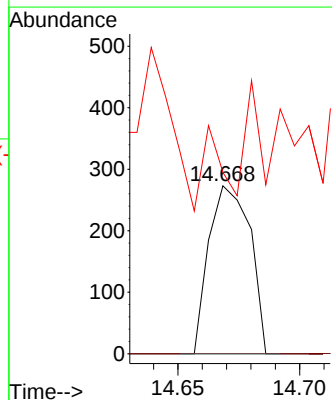
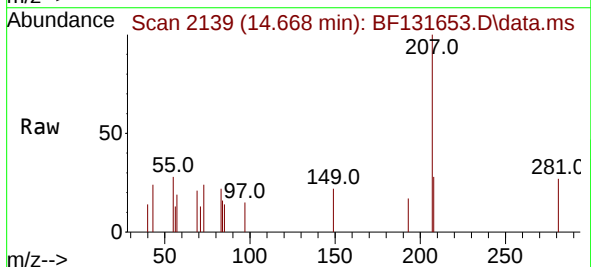
Instrument :
BNA_F
ClientSampleId :
RB-35-(5-7)

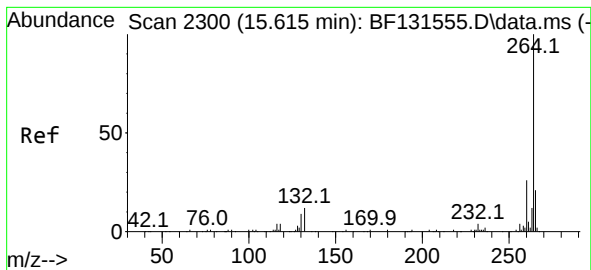
Tgt Ion:149 Resp: 267
Ion Ratio Lower Upper
149 100
167 0.0 20.8 31.2#
279 0.0 3.3 4.9#



#85
Di-n-octyl phthalate
Concen: 5.251 ng
RT: 14.668 min Scan# 2139
Delta R.T. -0.006 min
Lab File: BF131653.D
Acq: 15 Dec 2022 17:19

Tgt Ion:149 Resp: 321
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 22.4 8.6 13.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF131653.D
 Acq: 15 Dec 2022 17:19

Instrument :
 BNA_F
 ClientSampleId :
 RB-35-(5-7)

Tgt Ion:264 Resp: 133968
 Ion Ratio Lower Upper
 264 100
 260 23.1 20.6 30.8
 265 20.3 16.8 25.2

