

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121522\
 Data File : BF131651.D
 Acq On : 15 Dec 2022 16:13
 Operator : CG\JU
 Sample : N6038-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-32-(7-9)

Quant Time: Dec 16 01:52:02 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)

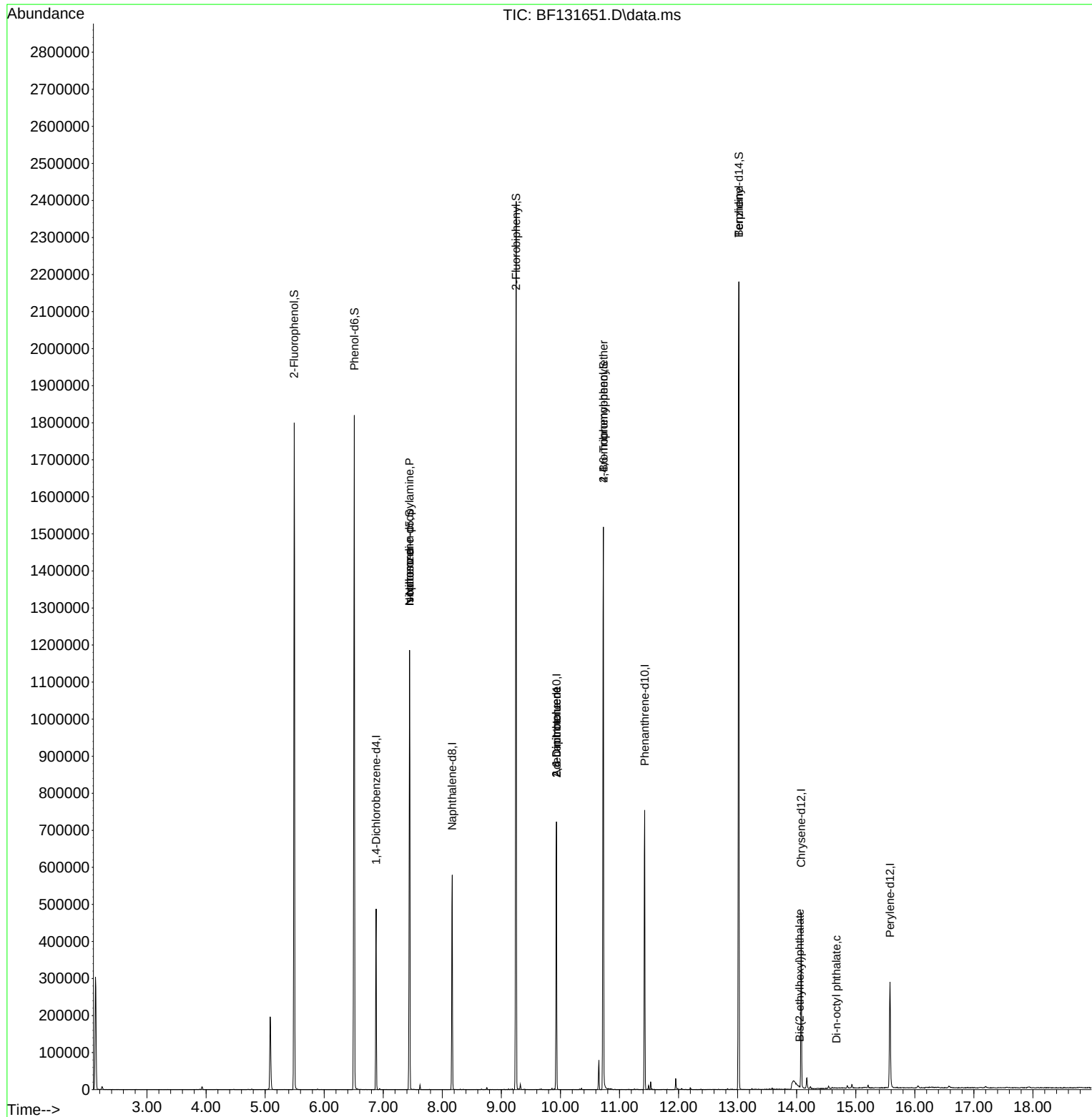
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	63364	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	234279	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	136737	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	266876	20.000	ng	0.00
76) Chrysene-d12	14.074	240	143079	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	138400	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	452109	119.034	ng	0.00
7) Phenol-d6	6.510	99	581420	116.817	ng	0.00
23) Nitrobenzene-d5	7.445	82	408091	65.856	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	166861	109.836	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	686918	63.342	ng	0.00
79) Terphenyl-d14	13.021	244	743485	71.263	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	57036	15.283	ng	# 75
25) Isophorone	7.445	82	408086	40.885	ng	# 69
51) 2,6-Dinitrotoluene	9.933	165	17704	8.227	ng	# 10
57) 2,4-Dinitrotoluene	9.933	165	17704	6.202	ng	# 15
67) 4-Bromophenyl-phenylether	10.727	248	11166	3.252	ng	# 1
77) Benzidine	13.021	184	11638	3.036	ng	# 94
84) Bis(2-ethylhexyl)phtha...	14.051	149	386	3.097	ng	# 78
85) Di-n-octyl phthalate	14.674	149	220	5.240	ng	# 1

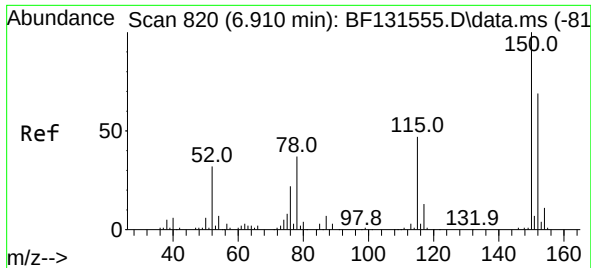
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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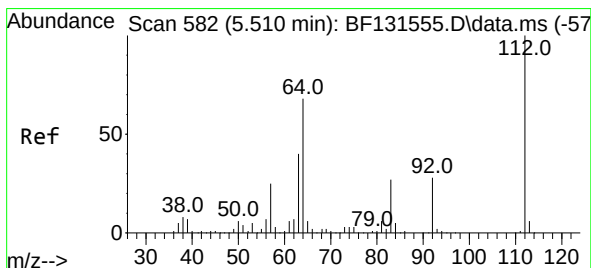
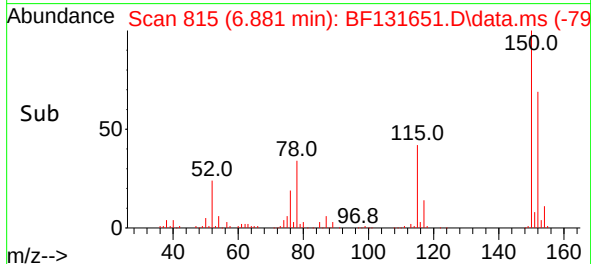
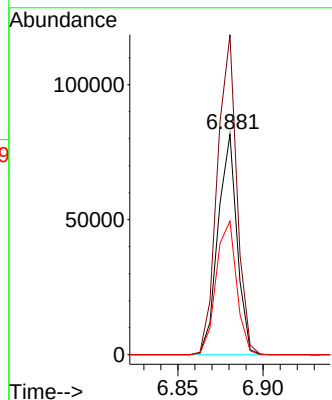
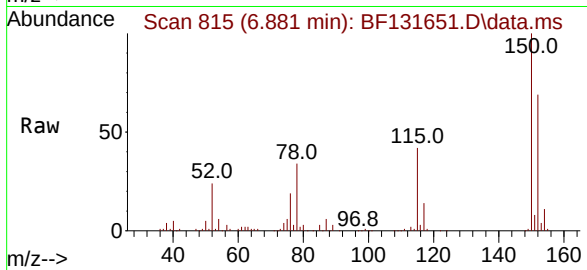




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131651.D
Acq: 15 Dec 2022 16:13

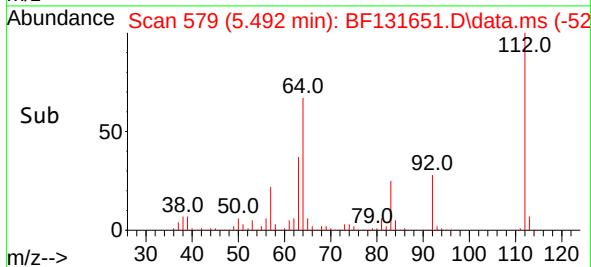
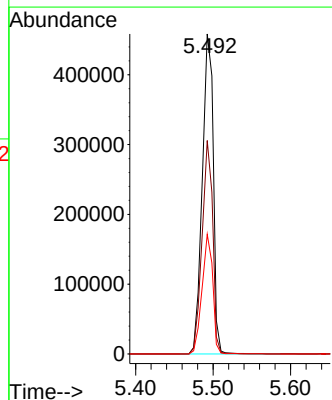
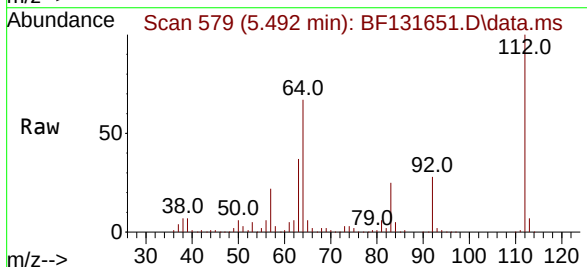
Instrument :
BNA_F
ClientSampleId :
RB-32-(7-9)

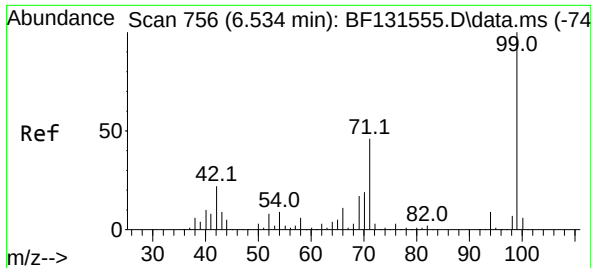
Tgt Ion:152 Resp: 63364
Ion Ratio Lower Upper
152 100
150 145.2 116.7 175.1
115 60.7 54.6 82.0



#5
2-Fluorophenol
Concen: 119.034 ng
RT: 5.492 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF131651.D
Acq: 15 Dec 2022 16:13

Tgt Ion:112 Resp: 452109
Ion Ratio Lower Upper
112 100
64 66.7 54.5 81.7
63 37.4 31.9 47.9

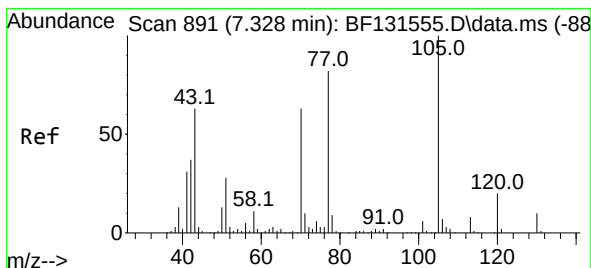
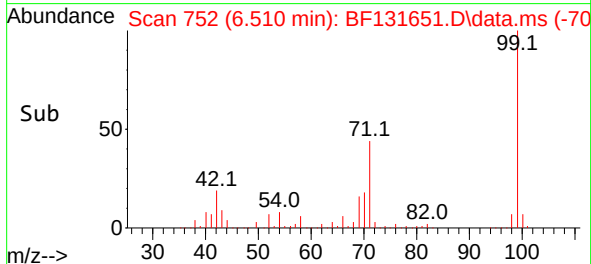
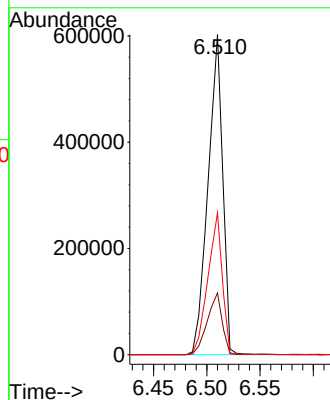
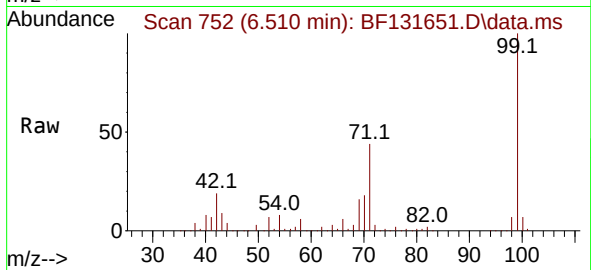




#7
Phenol-d6
Concen: 116.817 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF131651.D
Acq: 15 Dec 2022 16:13

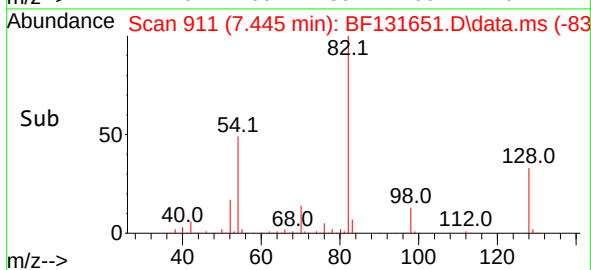
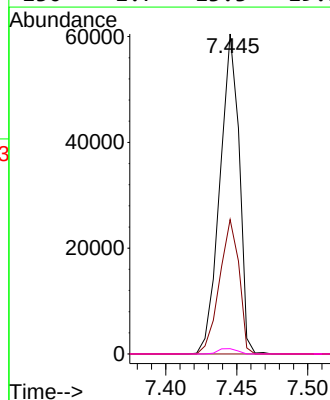
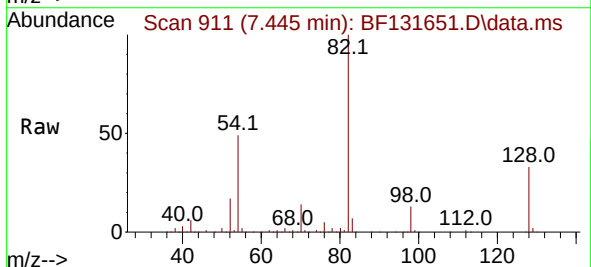
Instrument :
BNA_F
ClientSampleId :
RB-32-(7-9)

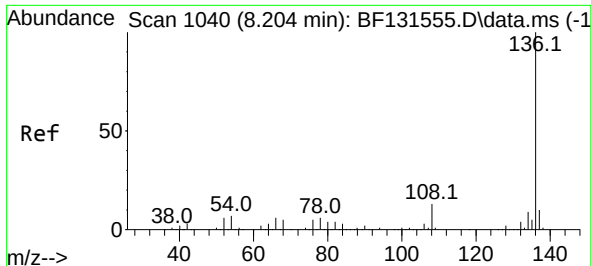
Tgt Ion: 99 Resp: 581420
Ion Ratio Lower Upper
99 100
42 19.3 17.9 26.9
71 44.3 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.283 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF131651.D
Acq: 15 Dec 2022 16:13

Tgt Ion: 70 Resp: 57036
Ion Ratio Lower Upper
70 100
42 42.0 46.4 69.6#
101 0.0 7.2 10.8#
130 1.7 13.3 19.9#

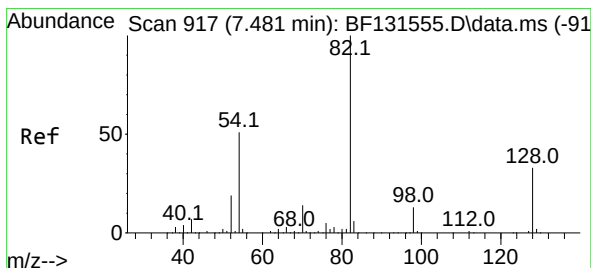
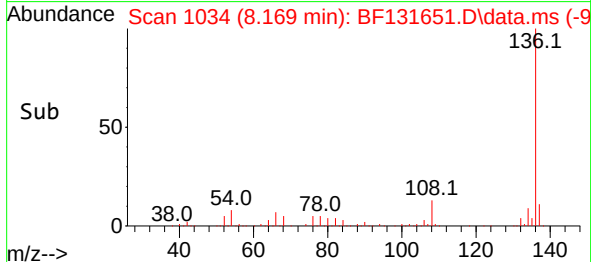
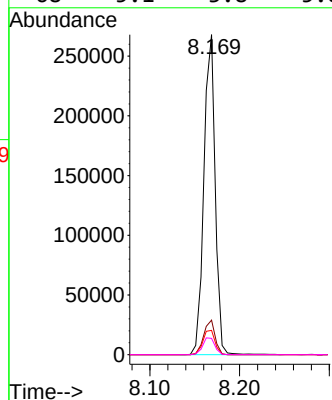
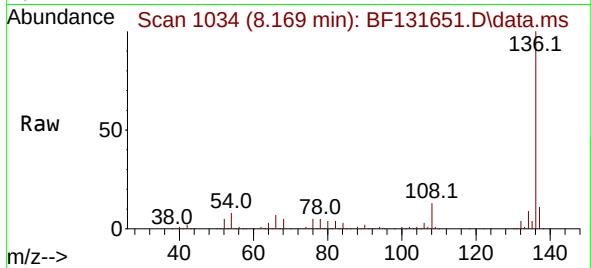




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131651.D
Acq: 15 Dec 2022 16:13

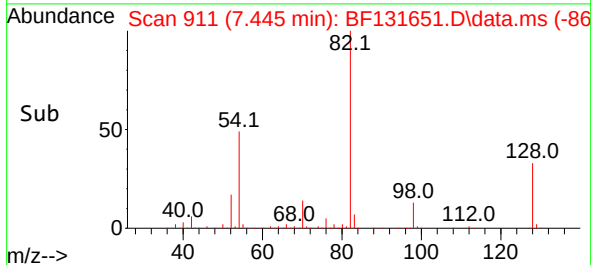
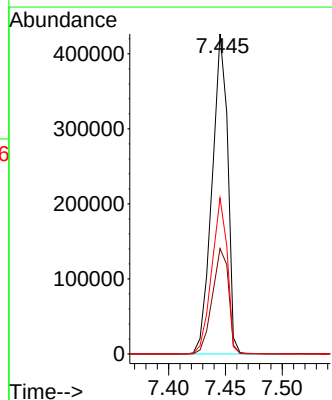
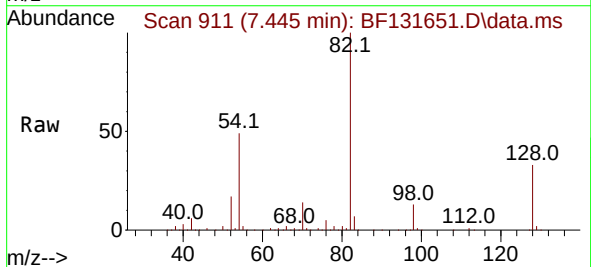
Instrument :
BNA_F
ClientSampleId :
RB-32-(7-9)

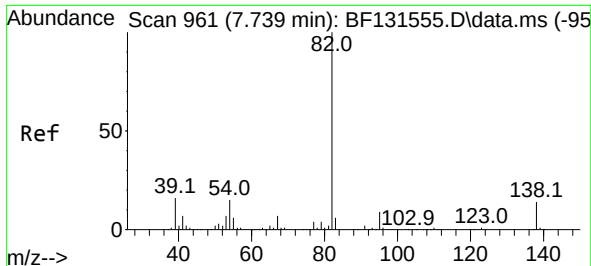
Tgt Ion:136 Resp: 234279
Ion Ratio Lower Upper
136 100
137 10.8 8.1 12.1
54 7.6 6.0 9.0
68 5.1 3.8 5.8



#23
Nitrobenzene-d5
Concen: 65.856 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF131651.D
Acq: 15 Dec 2022 16:13

Tgt Ion: 82 Resp: 408091
Ion Ratio Lower Upper
82 100
128 32.9 26.1 39.1
54 48.7 40.6 60.8

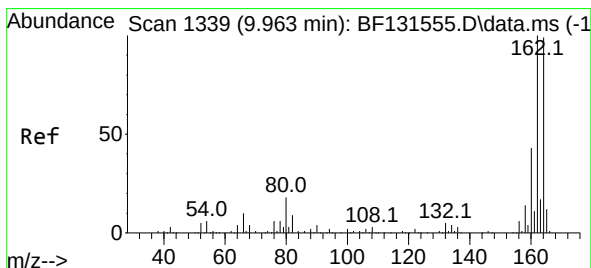
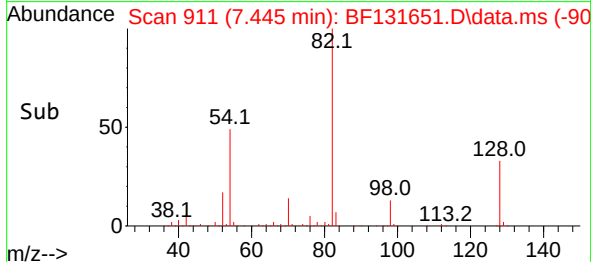
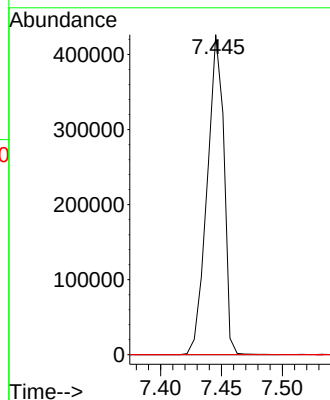
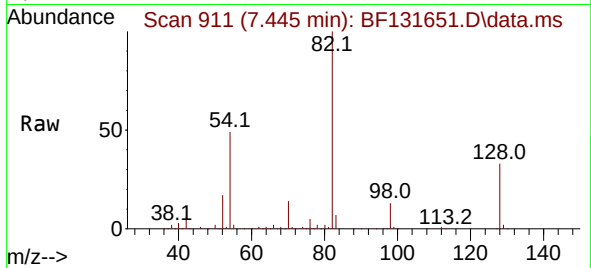




#25
Isophorone
Concen: 40.885 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF131651.D
Acq: 15 Dec 2022 16:13

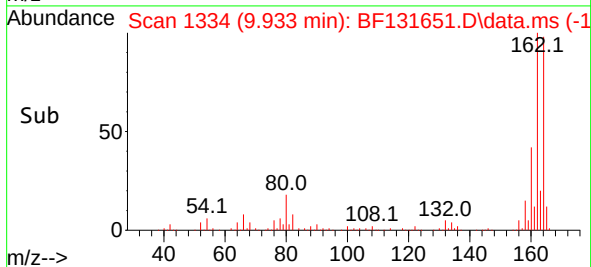
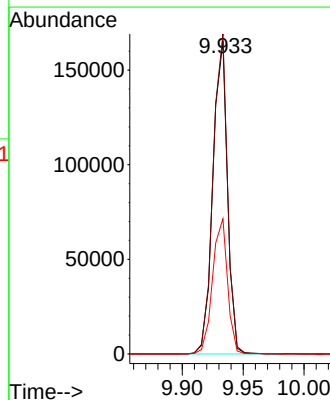
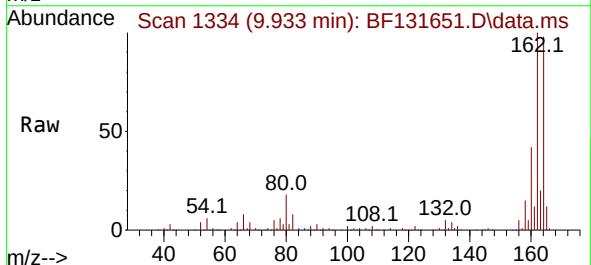
Instrument :
BNA_F
ClientSampleId :
RB-32-(7-9)

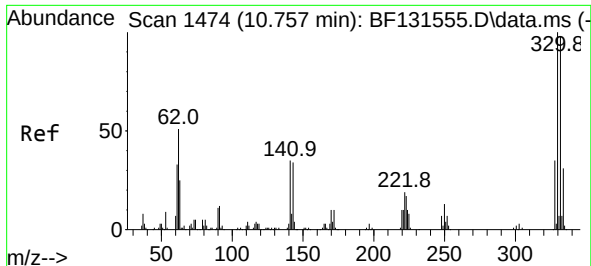
Tgt Ion: 82 Resp: 408086
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131651.D
Acq: 15 Dec 2022 16:13

Tgt Ion: 164 Resp: 136737
Ion Ratio Lower Upper
164 100
162 102.4 81.0 121.6
160 43.2 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 109.836 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131651.D

Acq: 15 Dec 2022 16:13

Instrument :

BNA_F

ClientSampleId :

RB-32-(7-9)

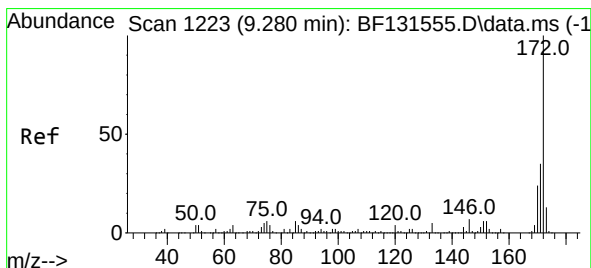
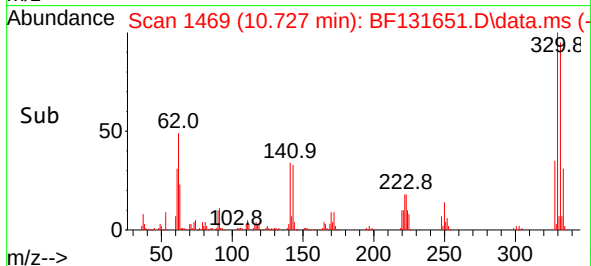
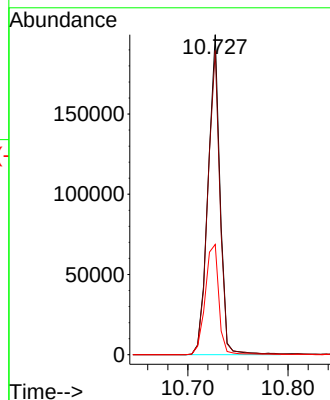
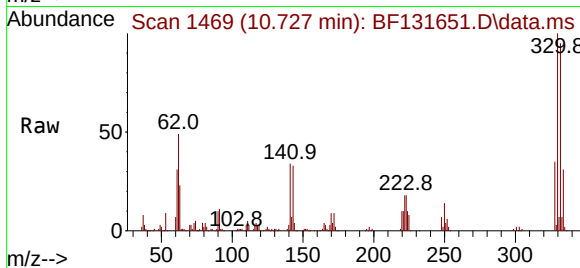
Tgt Ion:330 Resp: 166861

Ion Ratio Lower Upper

330 100

332 96.5 78.3 117.5

141 39.5 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 63.342 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.000 min

Lab File: BF131651.D

Acq: 15 Dec 2022 16:13

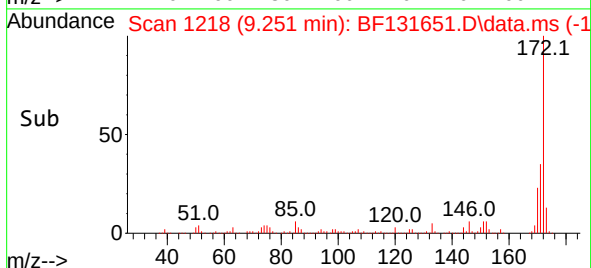
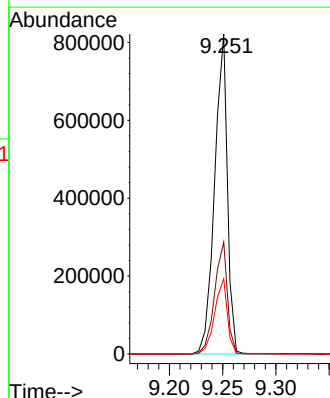
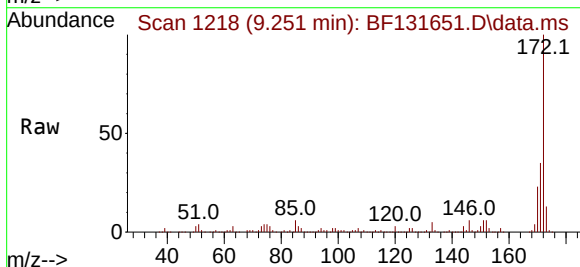
Tgt Ion:172 Resp: 686918

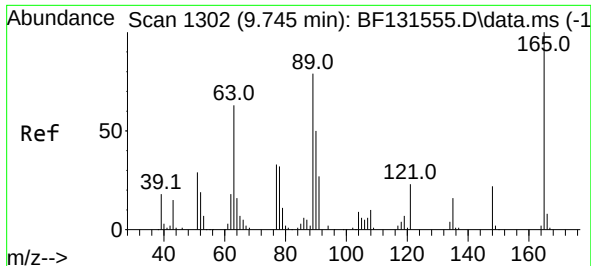
Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.5 19.3 28.9

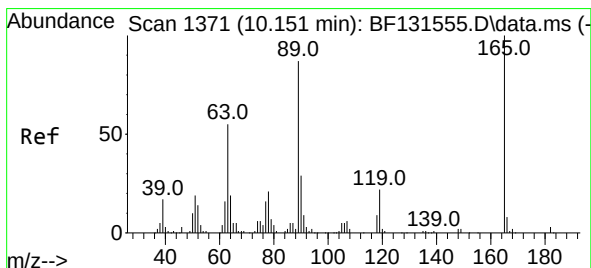
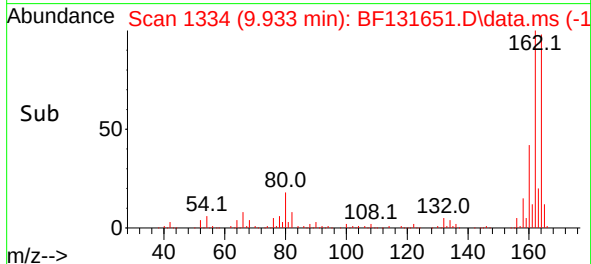
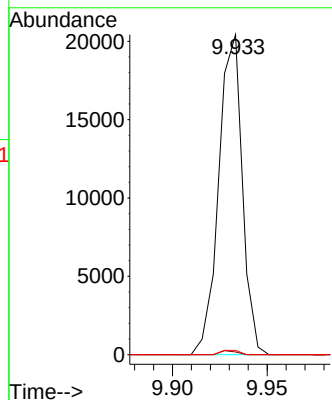
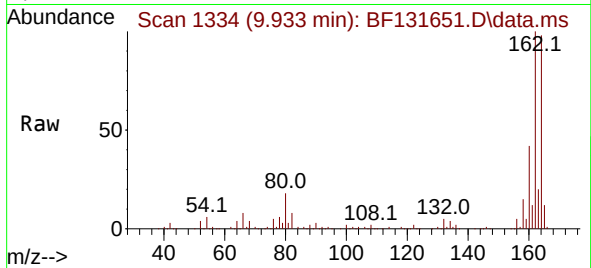




#51
2,6-Dinitrotoluene
Concen: 8.227 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131651.D
Acq: 15 Dec 2022 16:13

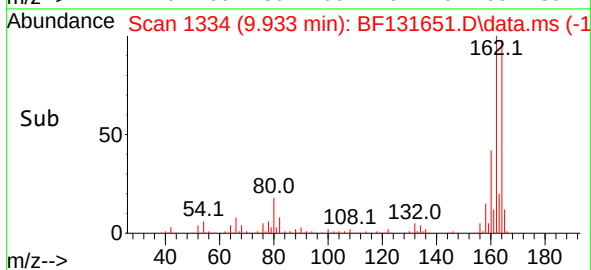
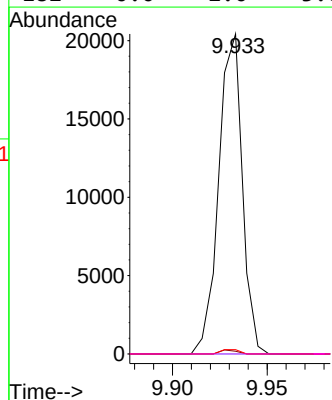
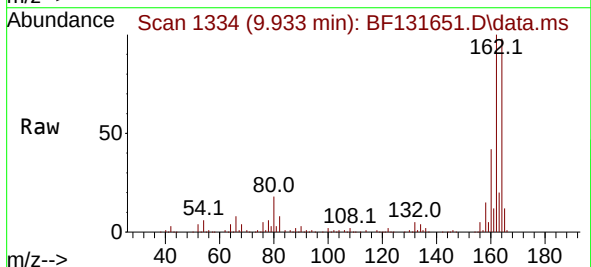
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RB-32-(7-9)

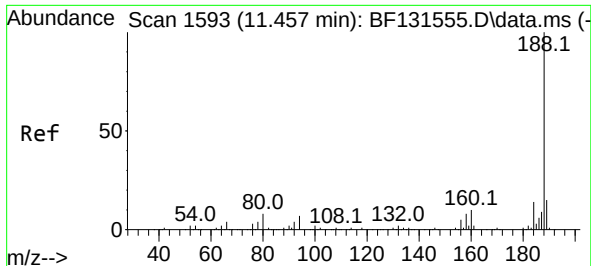
Tgt Ion:165 Resp: 17704
Ion Ratio Lower Upper
165 100
63 0.9 67.9 101.9#
89 1.3 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 6.202 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF131651.D
Acq: 15 Dec 2022 16:13

Tgt Ion:165 Resp: 17704
Ion Ratio Lower Upper
165 100
63 0.9 44.4 66.6#
89 1.3 69.6 104.4#
182 0.0 2.0 3.0#

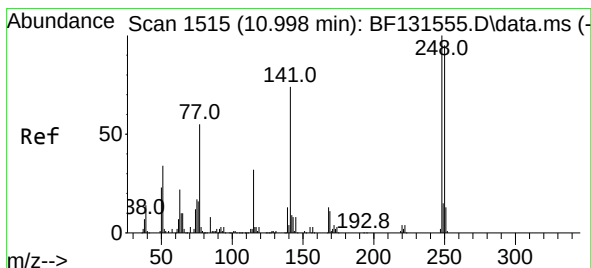
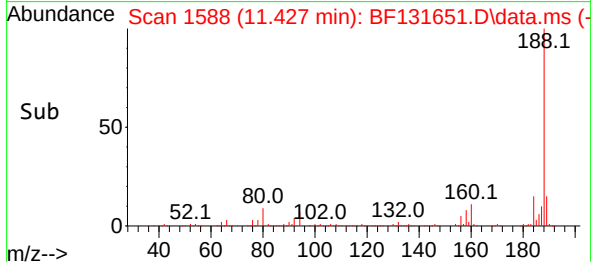
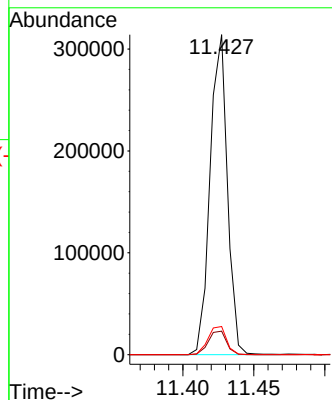
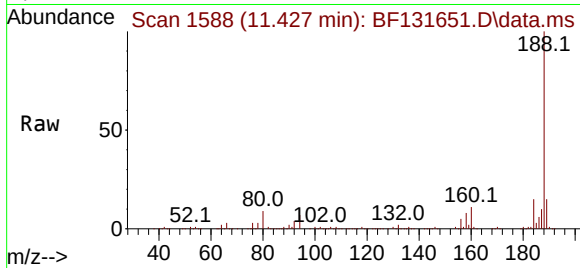




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131651.D
Acq: 15 Dec 2022 16:13

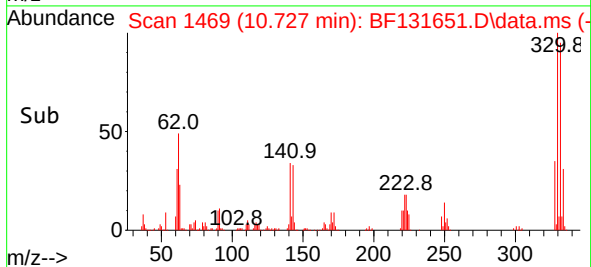
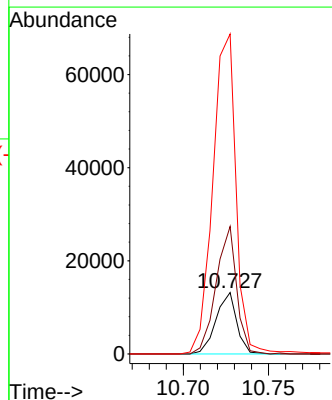
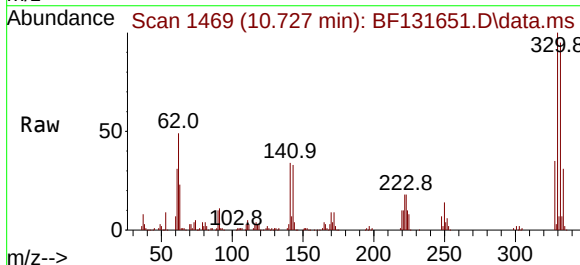
Instrument :
BNA_F
ClientSampleId :
RB-32-(7-9)

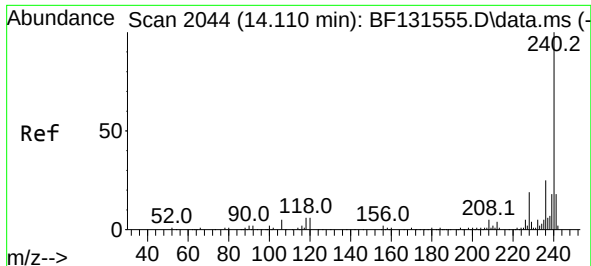
Tgt Ion:188 Resp: 266876
Ion Ratio Lower Upper
188 100
94 7.4 5.5 8.3
80 8.8 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 3.252 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.241 min
Lab File: BF131651.D
Acq: 15 Dec 2022 16:13

Tgt Ion:248 Resp: 11166
Ion Ratio Lower Upper
248 100
250 207.4 76.2 114.2#
141 520.2 59.5 89.3#

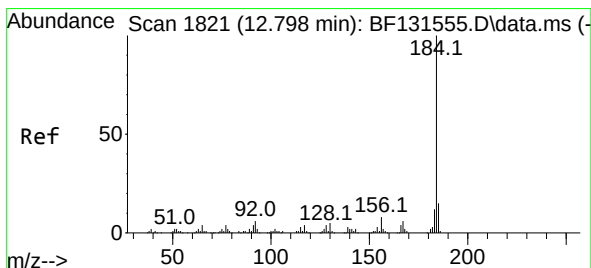
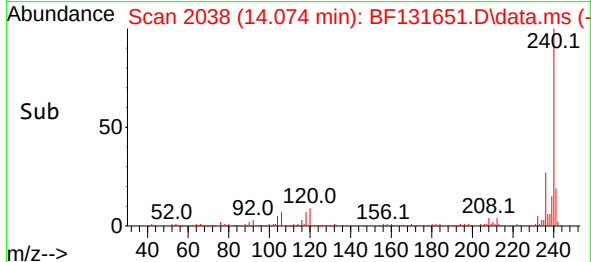
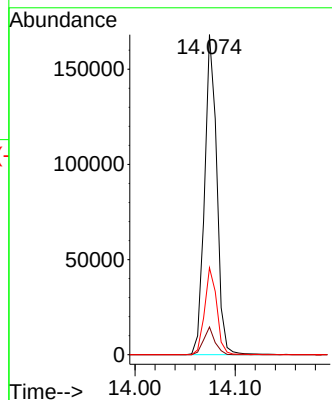
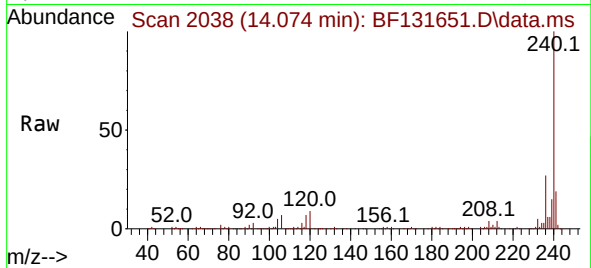




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BF131651.D
Acq: 15 Dec 2022 16:13

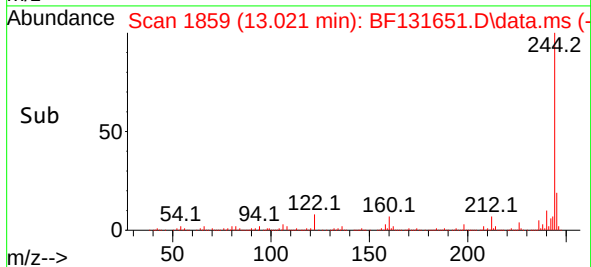
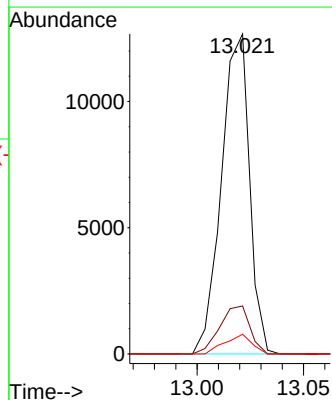
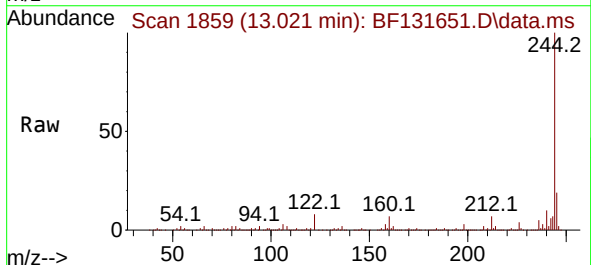
Instrument :
BNA_F
ClientSampleId :
RB-32-(7-9)

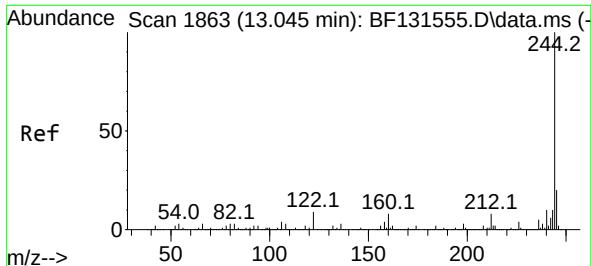
Tgt Ion:240 Resp: 143079
Ion Ratio Lower Upper
240 100
120 8.7 4.6 7.0#
236 27.2 20.2 30.2



#77
Benzidine
Concen: 3.036 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.247 min
Lab File: BF131651.D
Acq: 15 Dec 2022 16:13

Tgt Ion:184 Resp: 11638
Ion Ratio Lower Upper
184 100
185 15.0 12.2 18.2
183 6.2 9.3 13.9#

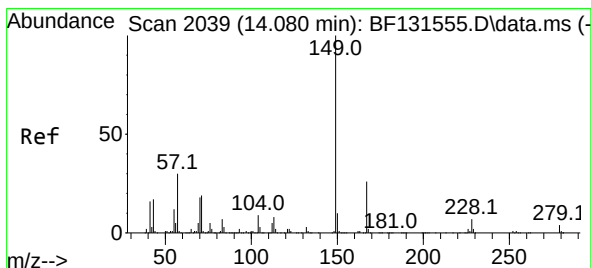
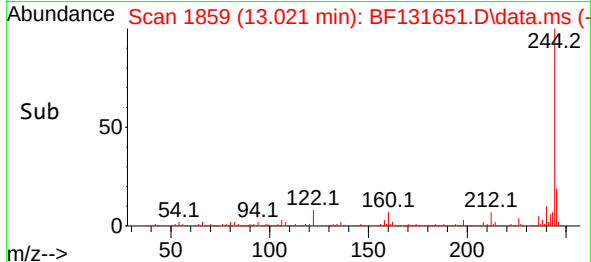
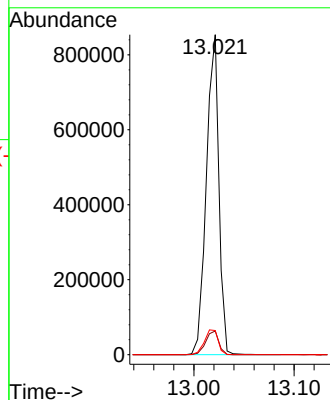
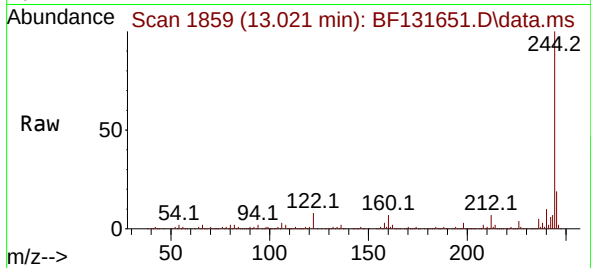




#79
 Terphenyl-d14
 Concen: 71.263 ng
 RT: 13.021 min Scan# 1859
 Delta R.T. -0.000 min
 Lab File: BF131651.D
 Acq: 15 Dec 2022 16:13

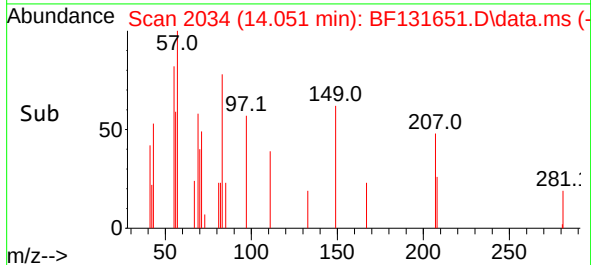
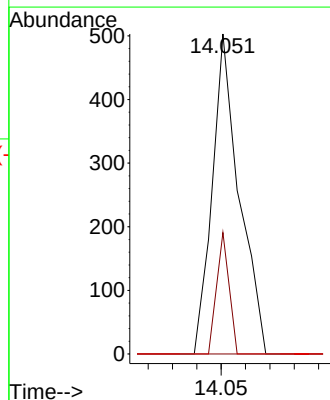
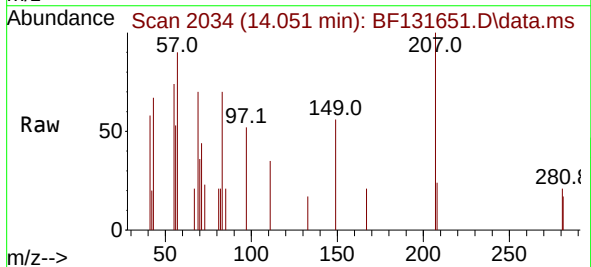
Instrument :
 BNA_F
 ClientSampleId :
 RB-32-(7-9)

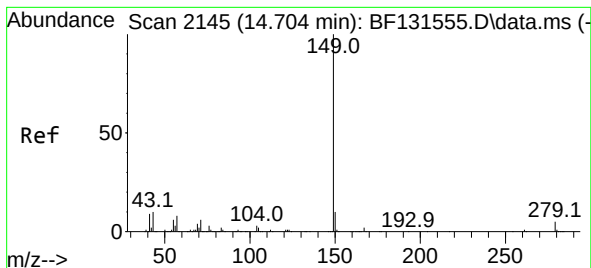
Tgt Ion:244 Resp: 743485
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 7.6 7.1 10.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.097 ng
 RT: 14.051 min Scan# 2034
 Delta R.T. -0.006 min
 Lab File: BF131651.D
 Acq: 15 Dec 2022 16:13

Tgt Ion:149 Resp: 386
 Ion Ratio Lower Upper
 149 100
 167 38.0 20.8 31.2#
 279 0.0 3.3 4.9#

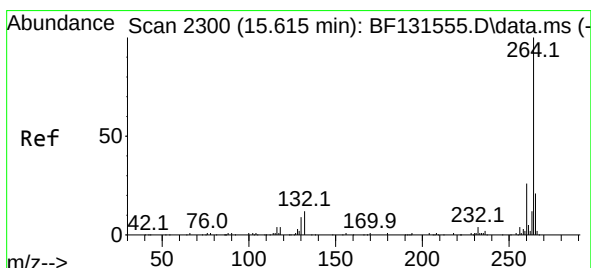
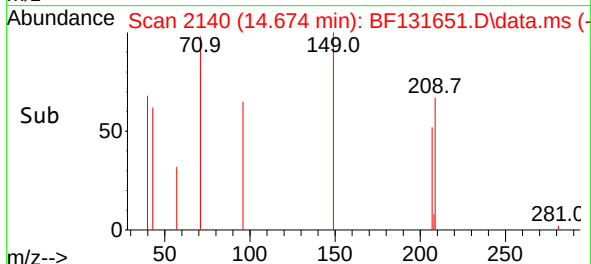
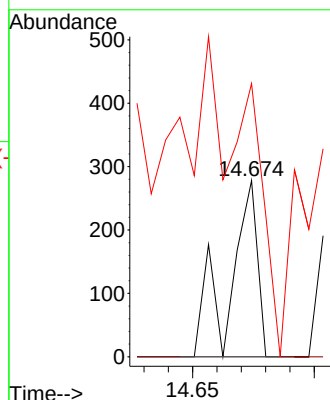
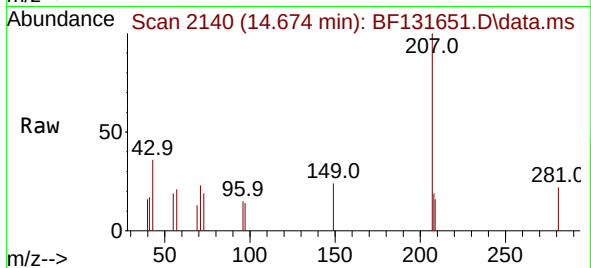




#85
Di-n-octyl phthalate
Concen: 5.240 ng
RT: 14.674 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BF131651.D
Acq: 15 Dec 2022 16:13

Instrument :
BNA_F
ClientSampleId :
RB-32-(7-9)

Tgt Ion:149 Resp: 220
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 391.4 8.6 13.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2294
Delta R.T. -0.000 min
Lab File: BF131651.D
Acq: 15 Dec 2022 16:13

Tgt Ion:264 Resp: 138400
Ion Ratio Lower Upper
264 100
260 23.3 20.6 30.8
265 22.1 16.8 25.2

