

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121522\
 Data File : BF131657.D
 Acq On : 15 Dec 2022 19:30
 Operator : CG\JU
 Sample : N6038-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-33-(5-7)

Quant Time: Dec 16 01:54:40 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)

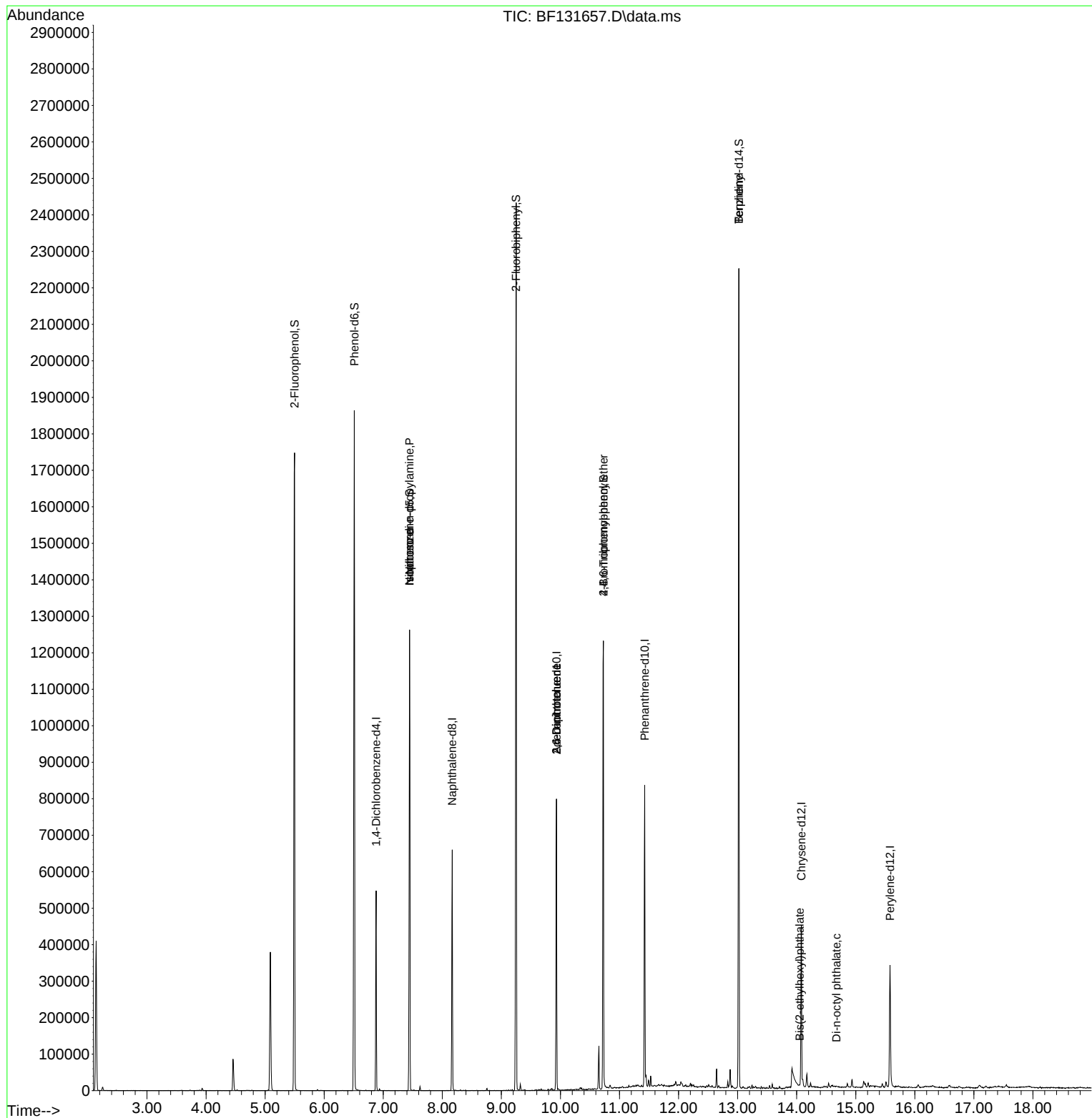
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	69601	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	253771	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	149764	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	282564	20.000	ng	0.00
76) Chrysene-d12	14.080	240	147146	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	155824	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	458263	109.842	ng	0.00
7) Phenol-d6	6.510	99	628408	114.943	ng	0.00
23) Nitrobenzene-d5	7.445	82	436179	64.982	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	135135	81.215	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	713041	60.031	ng	0.00
79) Terphenyl-d14	13.022	244	702821	65.503	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	60010	14.638	ng	# 77
25) Isophorone	7.445	82	436175	40.342	ng	# 69
51) 2,6-Dinitrotoluene	9.933	165	18807	7.979	ng	# 10
57) 2,4-Dinitrotoluene	9.933	165	18807	6.015	ng	# 16
67) 4-Bromophenyl-phenylether	10.728	248	9326	2.566	ng	# 1
77) Benzidine	13.022	184	11790	2.990	ng	# 91
84) Bis(2-ethylhexyl)phtha...	14.051	149	972	3.191	ng	# 87
85) Di-n-octyl phthalate	14.674	149	389	5.256	ng	# 1

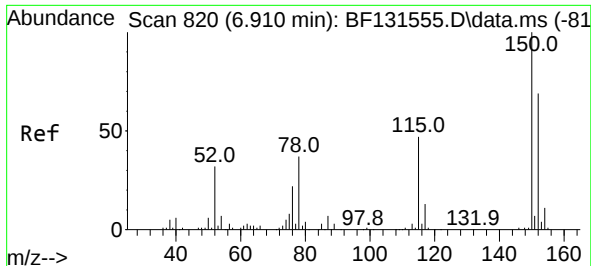
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121522\
Data File : BF131657.D
Acq On : 15 Dec 2022 19:30
Operator : CG\JU
Sample : N6038-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-33-(5-7)

Quant Time: Dec 16 01:54:40 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

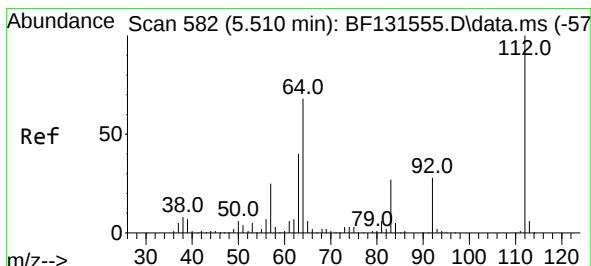
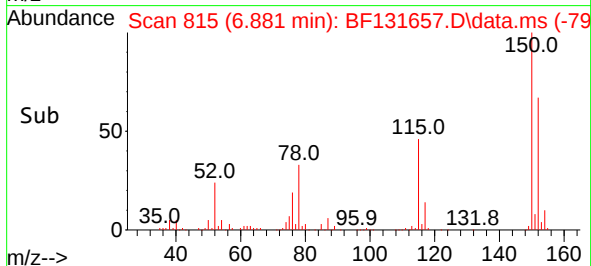
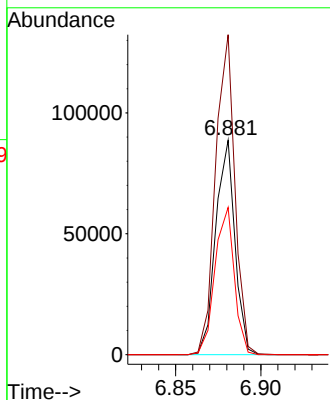
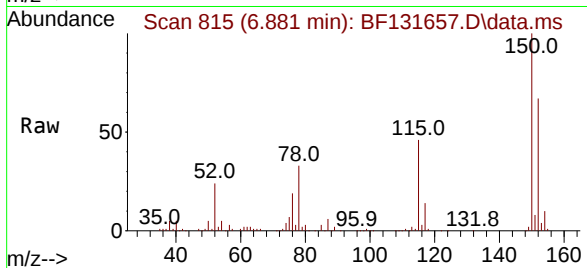




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131657.D
Acq: 15 Dec 2022 19:30

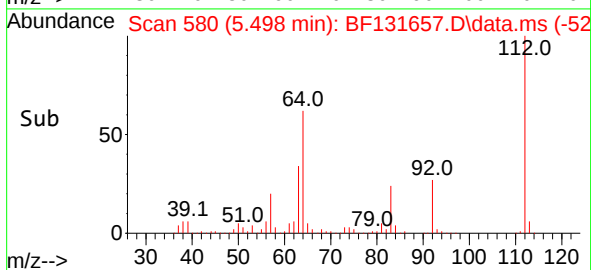
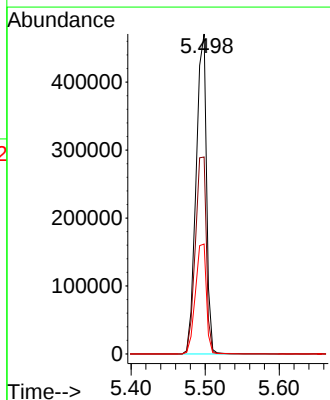
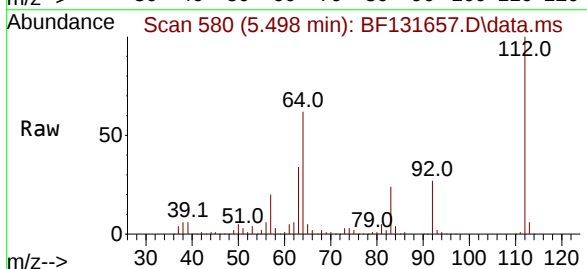
Instrument :
BNA_F
ClientSampleId :
RB-33-(5-7)

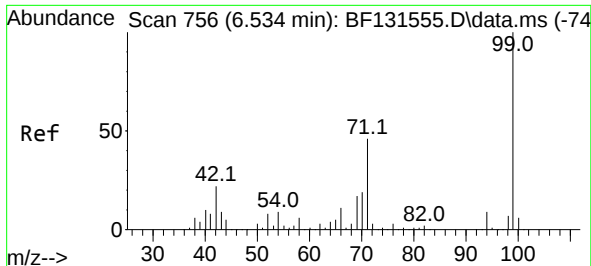
Tgt Ion:152 Resp: 69601
Ion Ratio Lower Upper
152 100
150 149.3 116.7 175.1
115 68.7 54.6 82.0



#5
2-Fluorophenol
Concen: 109.842 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF131657.D
Acq: 15 Dec 2022 19:30

Tgt Ion:112 Resp: 458263
Ion Ratio Lower Upper
112 100
64 61.5 54.5 81.7
63 34.3 31.9 47.9

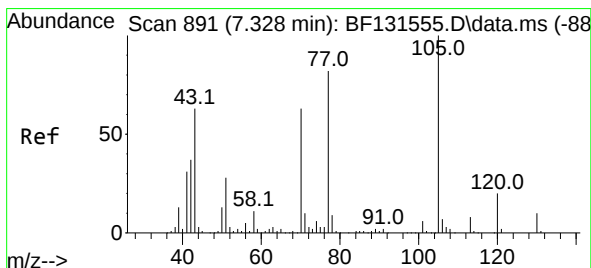
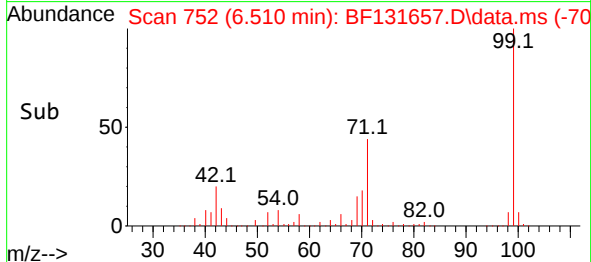
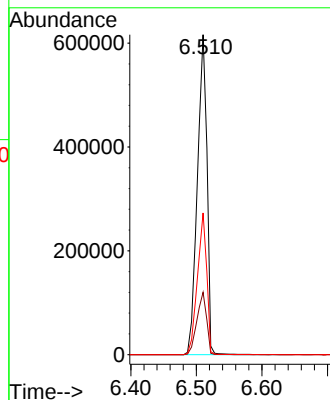
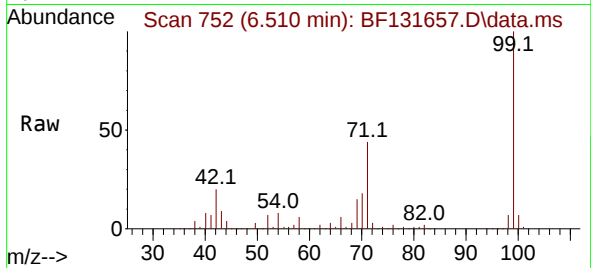




#7
Phenol-d6
Concen: 114.943 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF131657.D
Acq: 15 Dec 2022 19:30

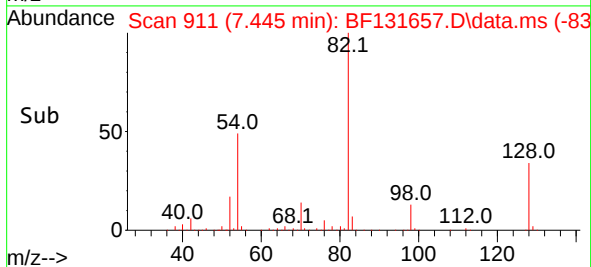
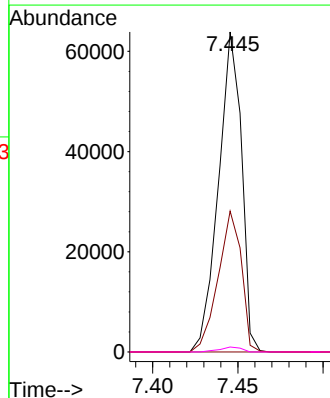
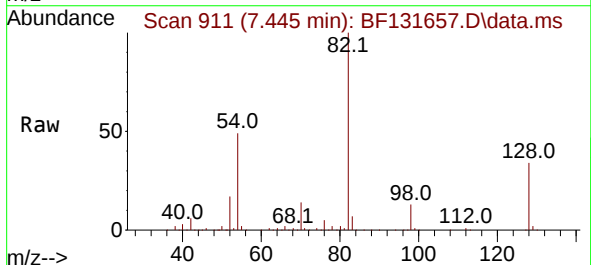
Instrument :
BNA_F
ClientSampleId :
RB-33-(5-7)

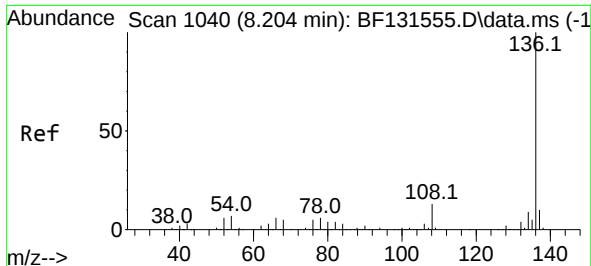
Tgt Ion: 99 Resp: 628408
Ion Ratio Lower Upper
99 100
42 19.5 17.9 26.9
71 44.3 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.638 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF131657.D
Acq: 15 Dec 2022 19:30

Tgt Ion: 70 Resp: 60010
Ion Ratio Lower Upper
70 100
42 44.0 46.4 69.6#
101 0.0 7.2 10.8#
130 1.6 13.3 19.9#

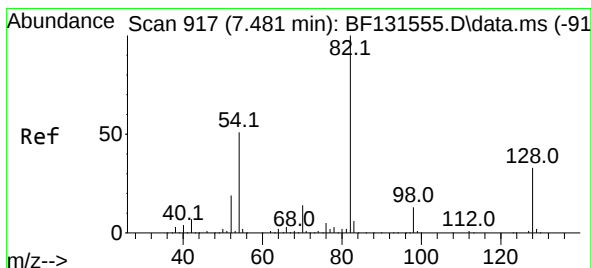
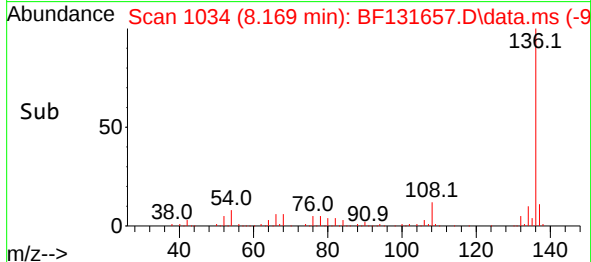
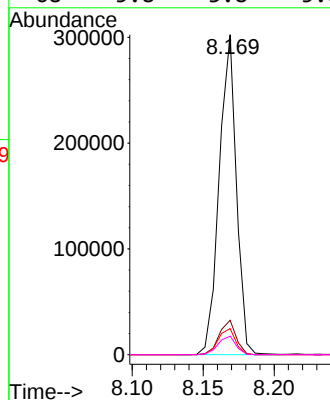
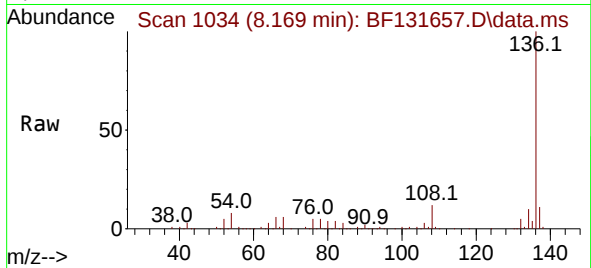




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131657.D
Acq: 15 Dec 2022 19:30

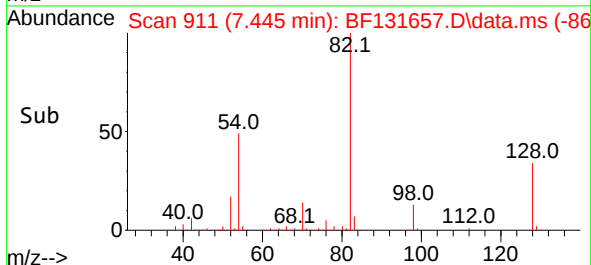
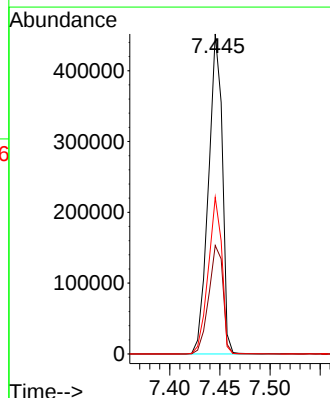
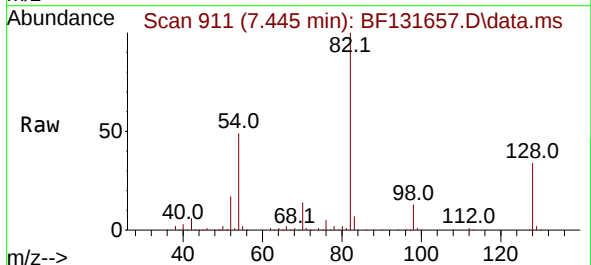
Instrument :
BNA_F
ClientSampleId :
RB-33-(5-7)

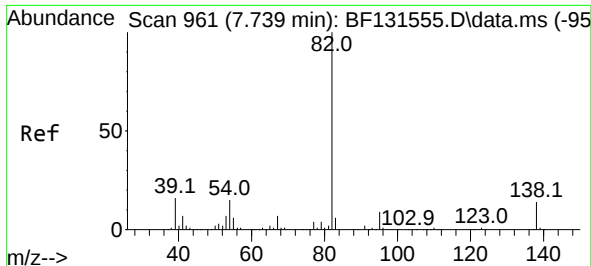
Tgt Ion:136 Resp: 253771
Ion Ratio Lower Upper
136 100
137 10.8 8.1 12.1
54 8.2 6.0 9.0
68 5.8 3.8 5.8#



#23
Nitrobenzene-d5
Concen: 64.982 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF131657.D
Acq: 15 Dec 2022 19:30

Tgt Ion: 82 Resp: 436179
Ion Ratio Lower Upper
82 100
128 33.9 26.1 39.1
54 49.0 40.6 60.8

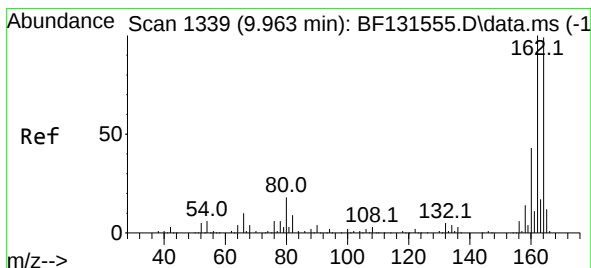
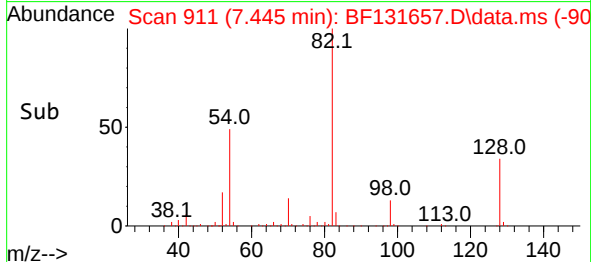
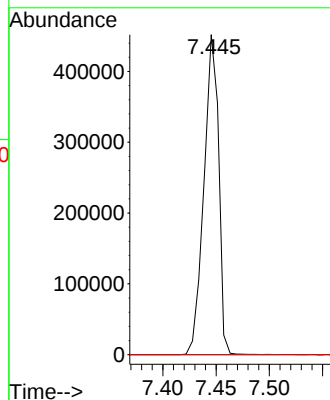
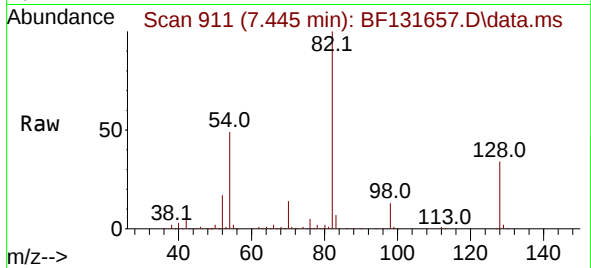




#25
Isophorone
Concen: 40.342 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF131657.D
Acq: 15 Dec 2022 19:30

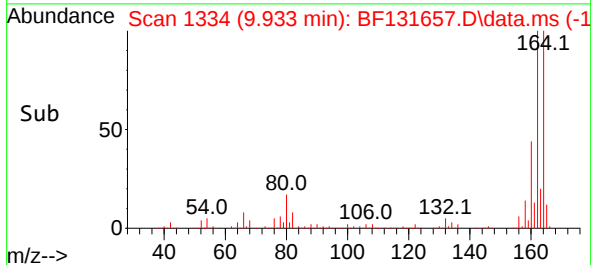
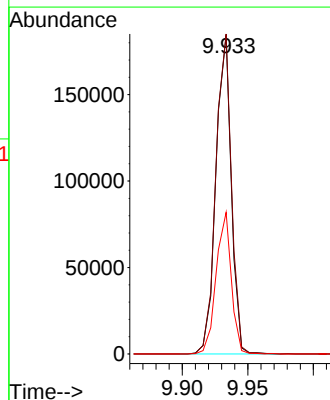
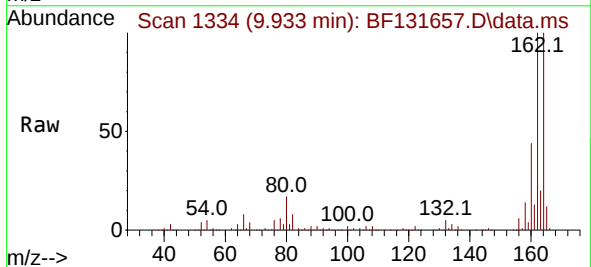
Instrument :
BNA_F
ClientSampleId :
RB-33-(5-7)

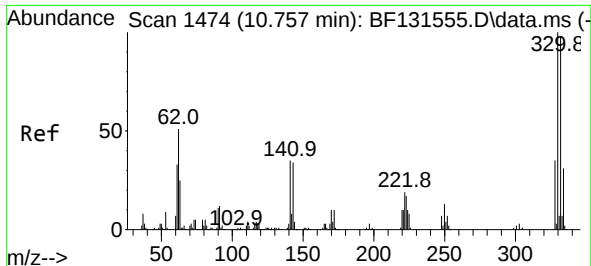
Tgt Ion: 82 Resp: 436175
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131657.D
Acq: 15 Dec 2022 19:30

Tgt Ion:164 Resp: 149764
Ion Ratio Lower Upper
164 100
162 100.5 81.0 121.6
160 44.4 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 81.215 ng

RT: 10.728 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131657.D

Acq: 15 Dec 2022 19:30

Instrument :

BNA_F

ClientSampleId :

RB-33-(5-7)

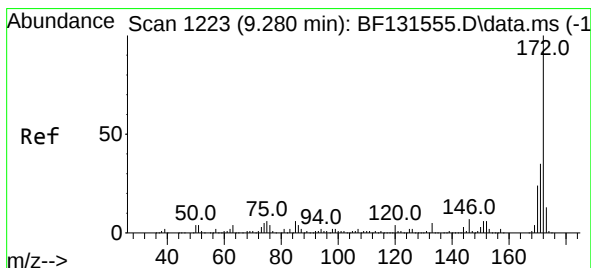
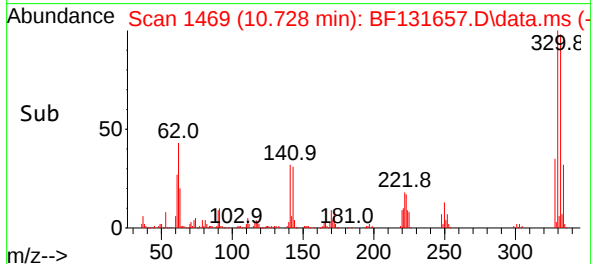
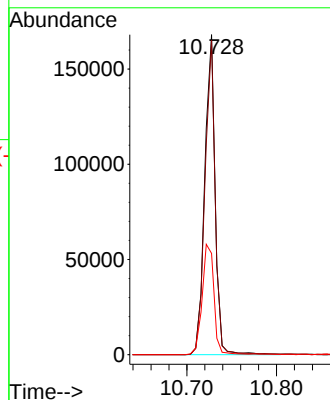
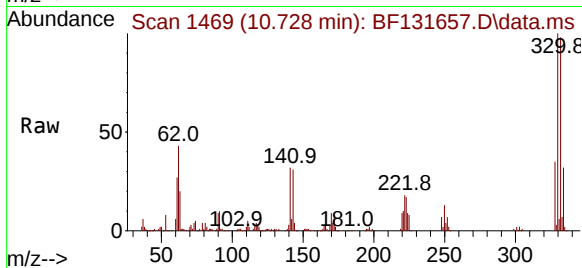
Tgt Ion:330 Resp: 135135

Ion Ratio Lower Upper

330 100

332 96.7 78.3 117.5

141 39.1 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 60.031 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF131657.D

Acq: 15 Dec 2022 19:30

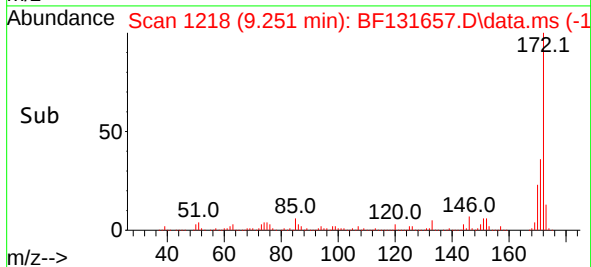
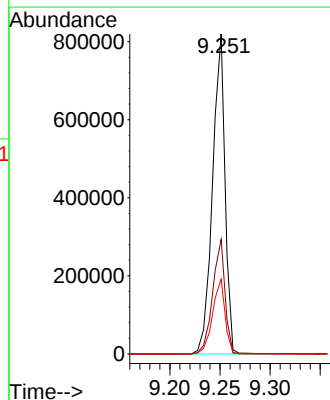
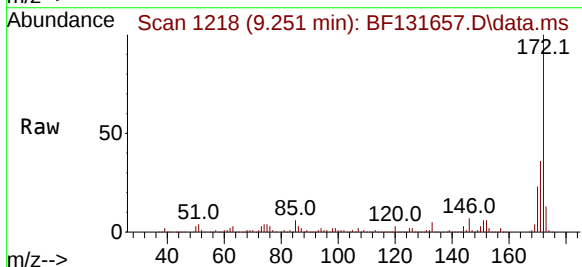
Tgt Ion:172 Resp: 713041

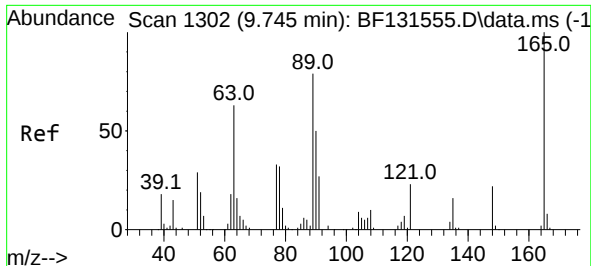
Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.4 19.3 28.9





#51

2,6-Dinitrotoluene

Concen: 7.979 ng

RT: 9.933 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF131657.D

Acq: 15 Dec 2022 19:30

Instrument :

BNA_F

ClientSampleId :

RB-33-(5-7)

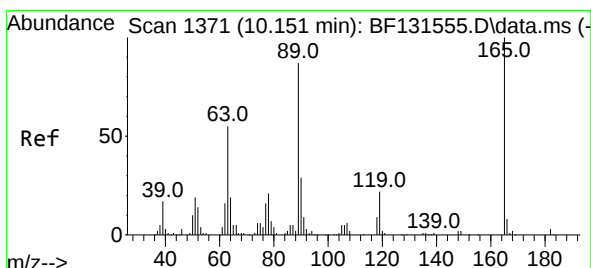
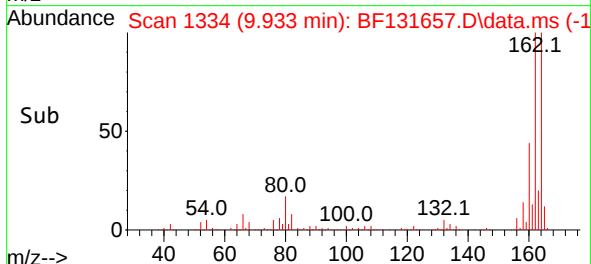
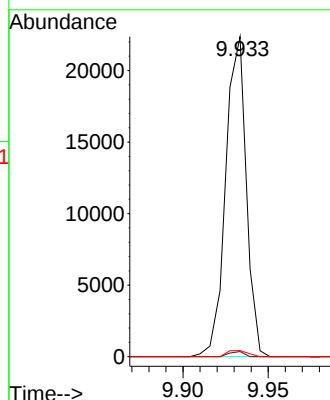
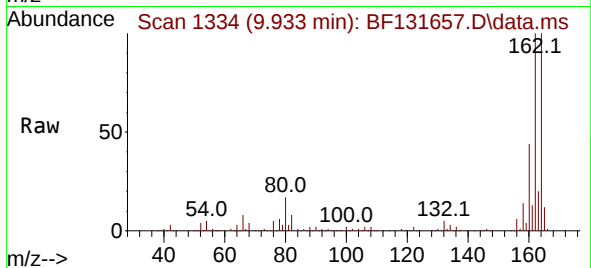
Tgt Ion:165 Resp: 18807

Ion Ratio Lower Upper

165 100

63 1.6 67.9 101.9#

89 1.9 63.2 94.8#



#57

2,4-Dinitrotoluene

Concen: 6.015 ng

RT: 9.933 min Scan# 1334

Delta R.T. -0.194 min

Lab File: BF131657.D

Acq: 15 Dec 2022 19:30

Tgt Ion:165 Resp: 18807

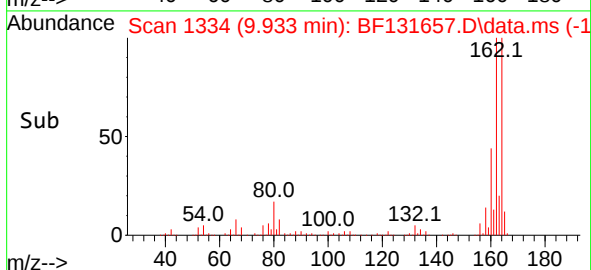
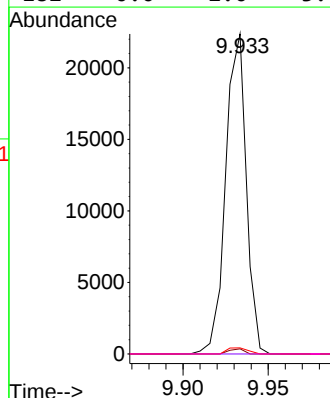
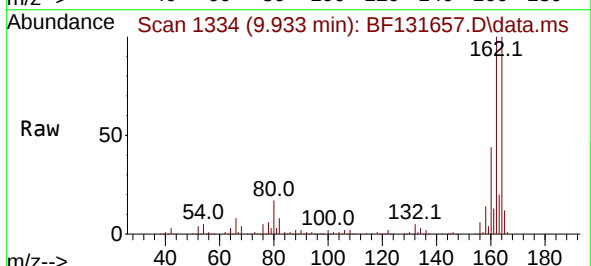
Ion Ratio Lower Upper

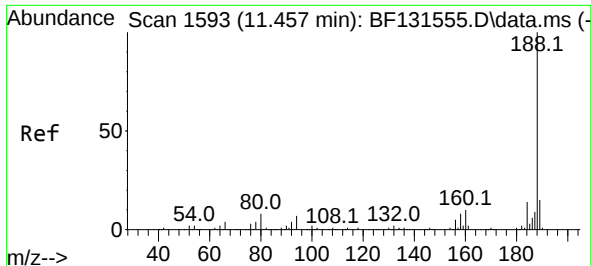
165 100

63 1.6 44.4 66.6#

89 1.9 69.6 104.4#

182 0.0 2.0 3.0#

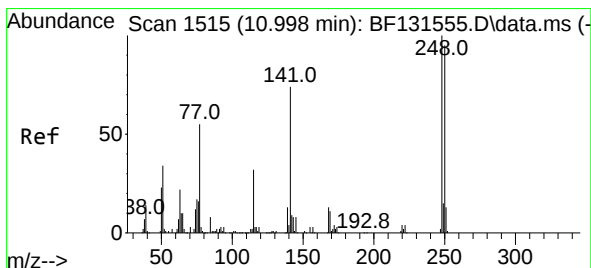
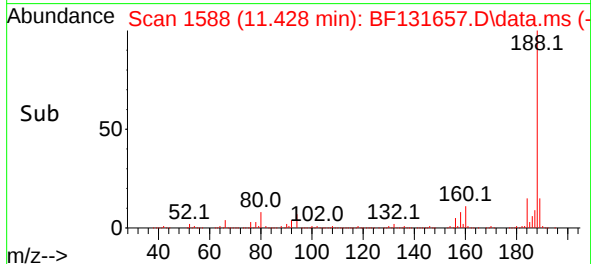
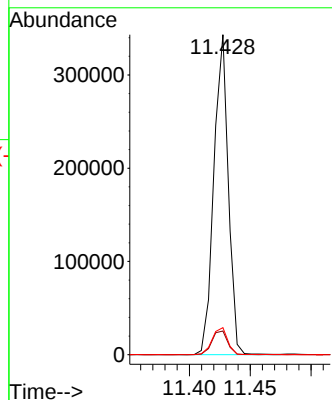
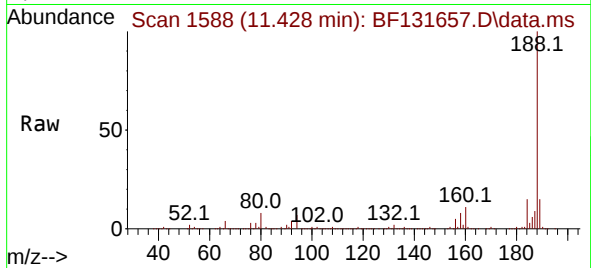




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF131657.D
Acq: 15 Dec 2022 19:30

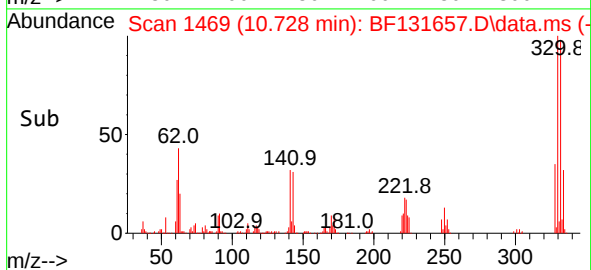
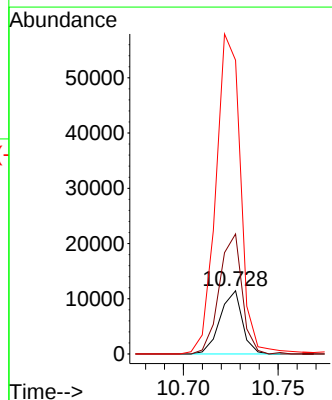
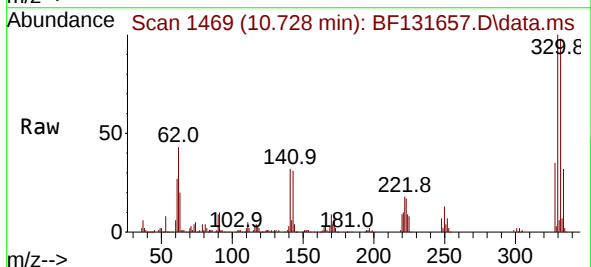
Instrument :
BNA_F
ClientSampleId :
RB-33-(5-7)

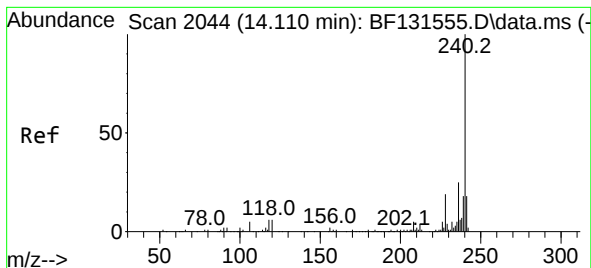
Tgt Ion:188 Resp: 282564
Ion Ratio Lower Upper
188 100
94 7.4 5.5 8.3
80 8.4 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 2.566 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.241 min
Lab File: BF131657.D
Acq: 15 Dec 2022 19:30

Tgt Ion:248 Resp: 9326
Ion Ratio Lower Upper
248 100
250 189.9 76.2 114.2#
141 464.6 59.5 89.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 2044

Delta R.T. 0.000 min

Lab File: BF131657.D

Acq: 15 Dec 2022 19:30

Instrument :

BNA_F

ClientSampleId :

RB-33-(5-7)

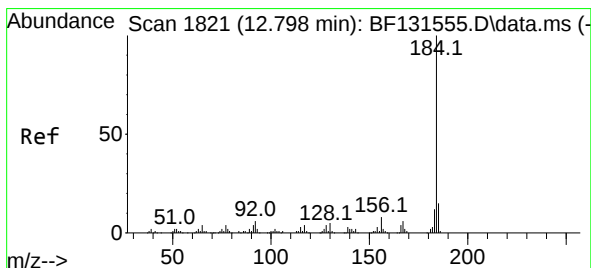
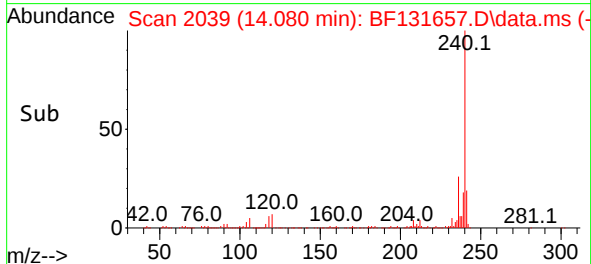
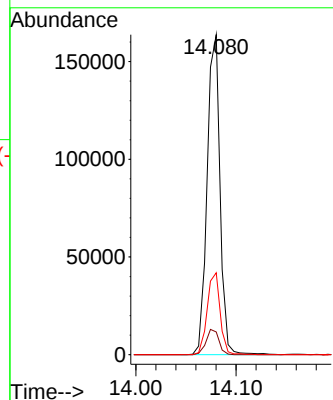
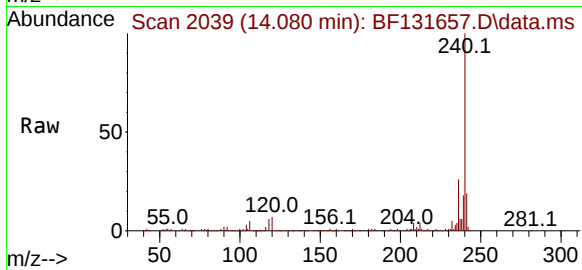
Tgt Ion:240 Resp: 147146

Ion Ratio Lower Upper

240 100

120 7.1 4.6 7.0#

236 25.6 20.2 30.2



#77

Benzidine

Concen: 2.990 ng

RT: 13.022 min Scan# 1859

Delta R.T. 0.247 min

Lab File: BF131657.D

Acq: 15 Dec 2022 19:30

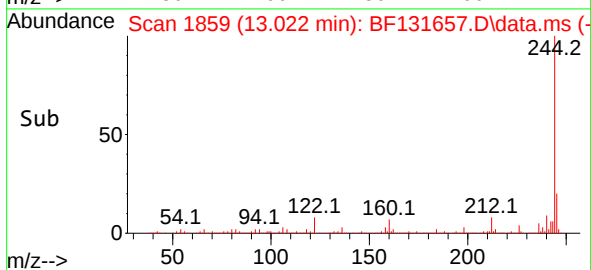
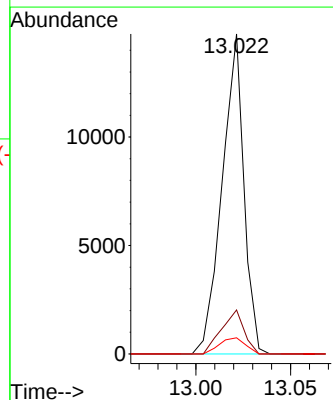
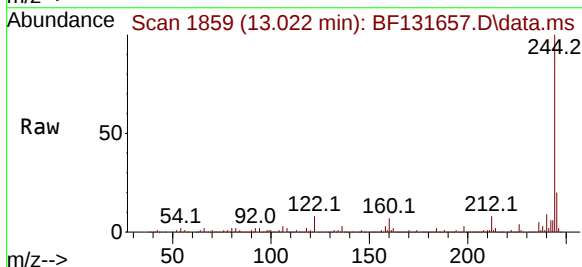
Tgt Ion:184 Resp: 11790

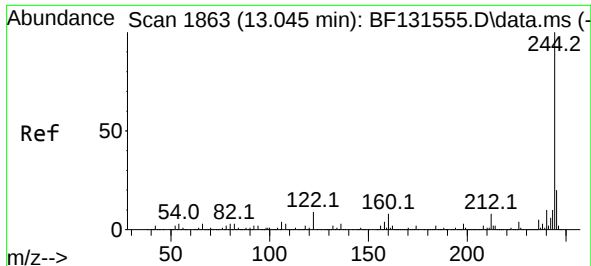
Ion Ratio Lower Upper

184 100

185 13.8 12.2 18.2

183 5.1 9.3 13.9#

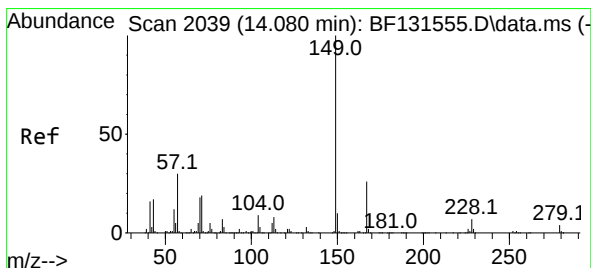
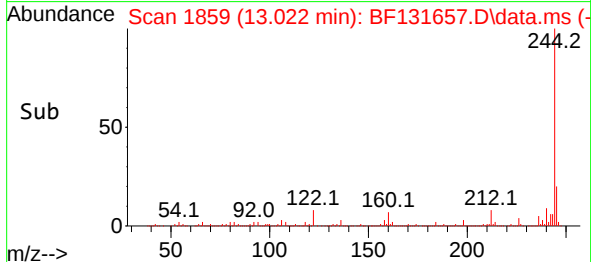
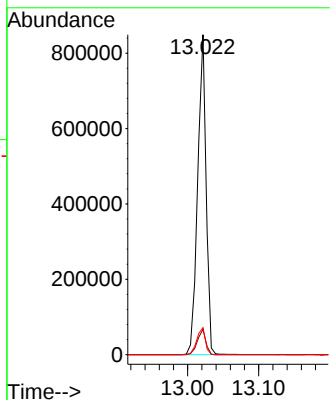
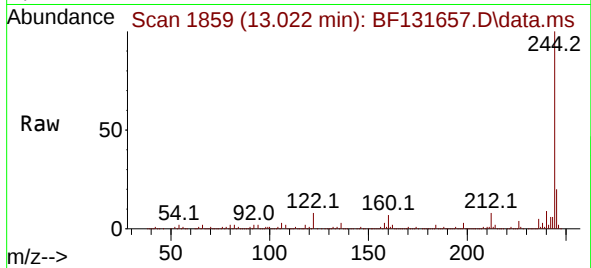




#79
 Terphenyl-d14
 Concen: 65.503 ng
 RT: 13.022 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: BF131657.D
 Acq: 15 Dec 2022 19:30

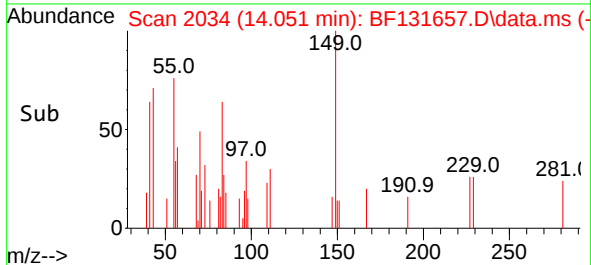
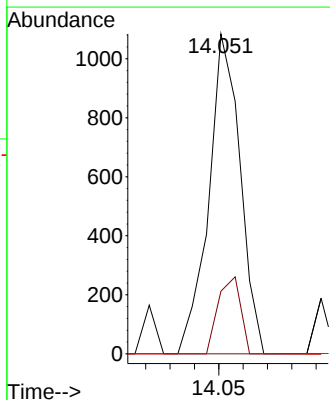
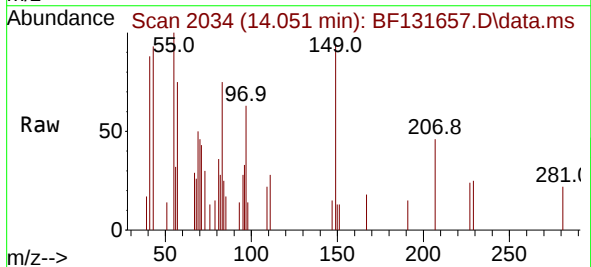
Instrument :
 BNA_F
 ClientSampleId :
 RB-33-(5-7)

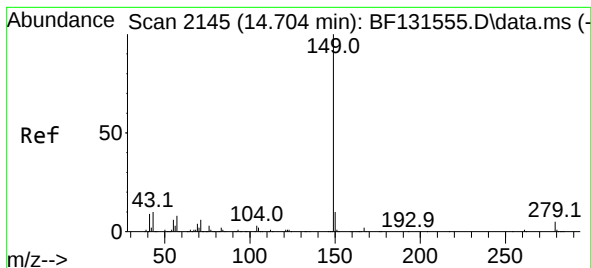
Tgt Ion:244 Resp: 702821
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 8.5 7.1 10.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.191 ng
 RT: 14.051 min Scan# 2034
 Delta R.T. -0.006 min
 Lab File: BF131657.D
 Acq: 15 Dec 2022 19:30

Tgt Ion:149 Resp: 972
 Ion Ratio Lower Upper
 149 100
 167 19.6 20.8 31.2#
 279 0.0 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 5.256 ng

RT: 14.674 min Scan# 2145

Delta R.T. 0.000 min

Lab File: BF131657.D

Acq: 15 Dec 2022 19:30

Instrument :

BNA_F

ClientSampleId :

RB-33-(5-7)

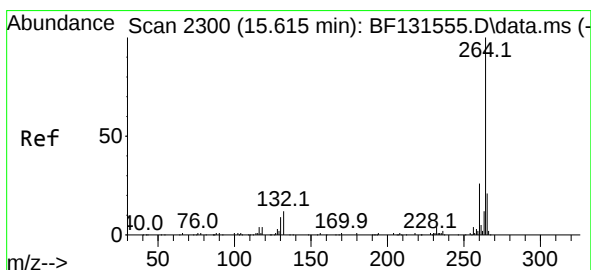
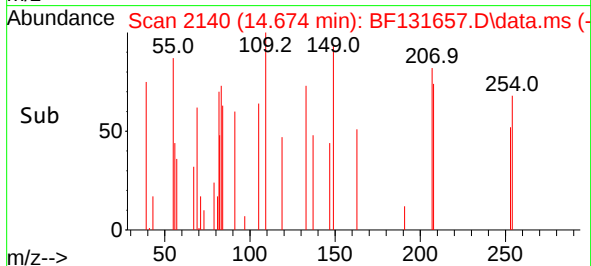
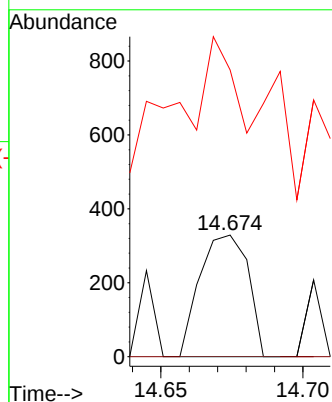
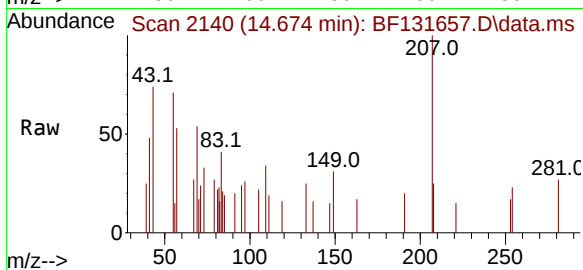
Tgt Ion:149 Resp: 389

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 239.8 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: BF131657.D

Acq: 15 Dec 2022 19:30

Tgt Ion:264 Resp: 155824

Ion Ratio Lower Upper

264 100

260 23.6 20.6 30.8

265 21.2 16.8 25.2

