

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121522\
 Data File : BF131642.D
 Acq On : 15 Dec 2022 11:08
 Operator : CG\JU
 Sample : PB149637BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149637BL

Quant Time: Dec 16 01:46:58 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)

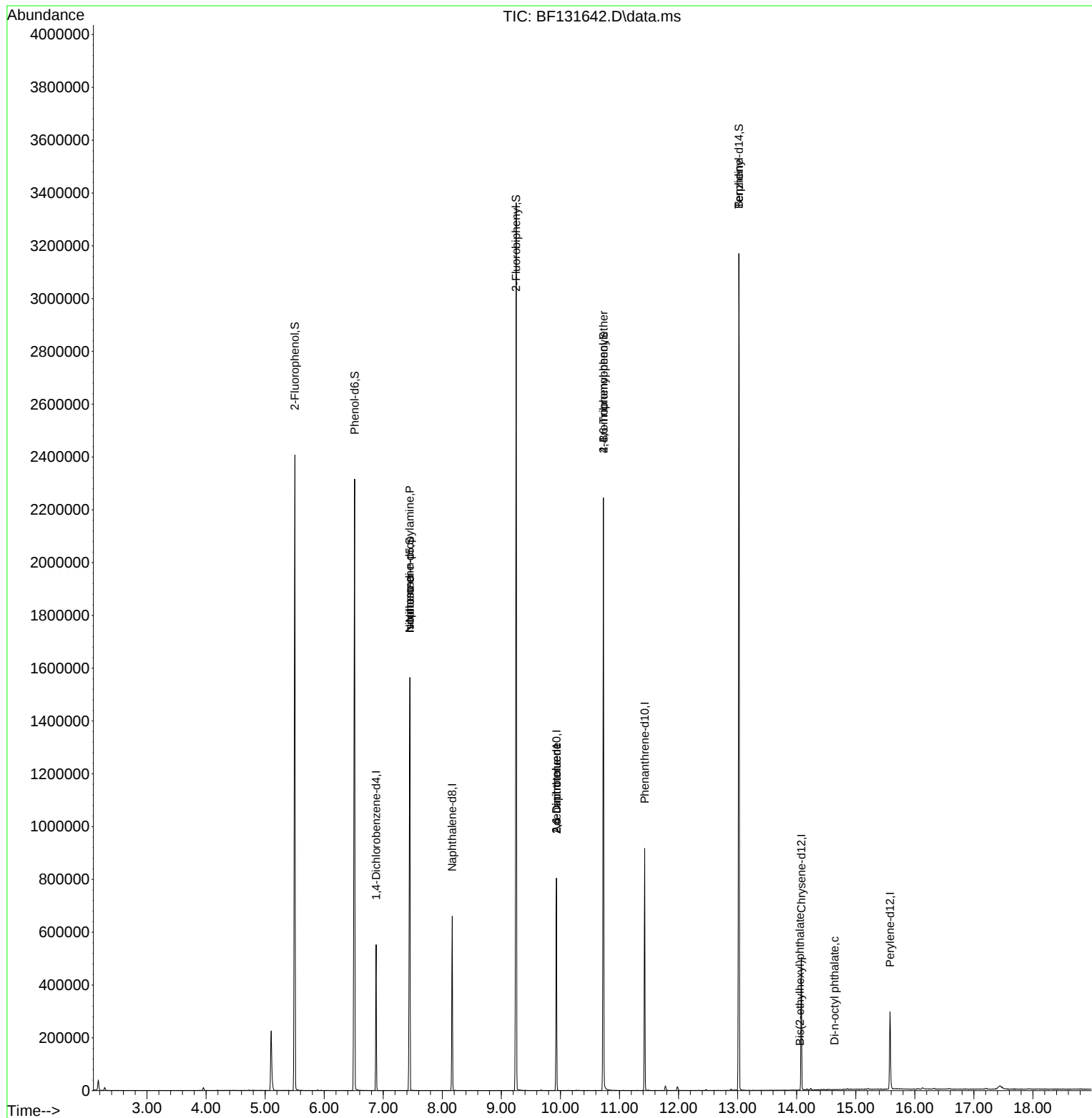
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	70271	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	261451	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	153695	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	296114	20.000	ng	0.00
76) Chrysene-d12	14.080	240	173012	20.000	ng	0.00
86) Perylene-d12	15.580	264	136935	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	623196	147.951	ng	0.01
7) Phenol-d6	6.516	99	795626	144.142	ng	0.00
23) Nitrobenzene-d5	7.451	82	559917	80.966	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	241970	141.702	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	999161	81.969	ng	0.00
79) Terphenyl-d14	13.021	244	1167510	92.544	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	79623	19.238	ng	# 75
25) Isophorone	7.451	82	559989	50.272	ng	# 69
51) 2,6-Dinitrotoluene	9.933	165	19412	8.025	ng	# 10
57) 2,4-Dinitrotoluene	9.933	165	19412	6.050	ng	# 16
67) 4-Bromophenyl-phenylether	10.727	248	16782	4.406	ng	# 1
77) Benzidine	13.021	184	17971	3.877	ng	# 94
84) Bis(2-ethylhexyl)phtha...	14.057	149	179	3.057	ng	# 54
85) Di-n-octyl phthalate	14.639	149	54	5.223	ng	# 1

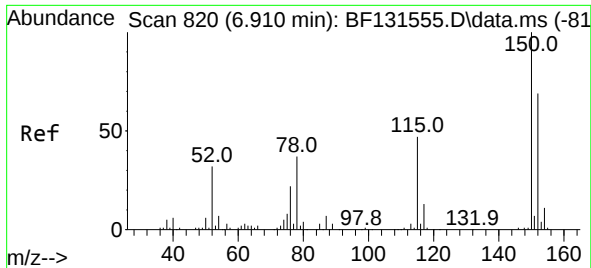
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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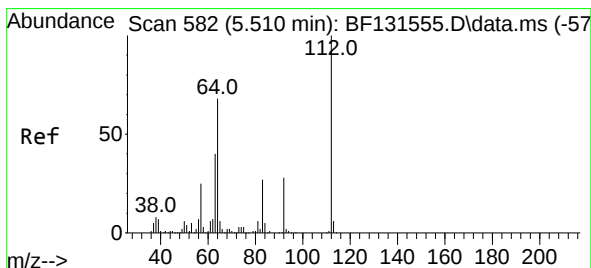
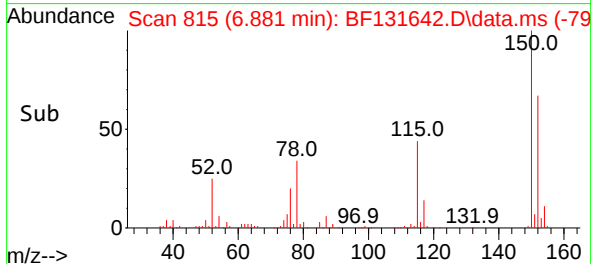
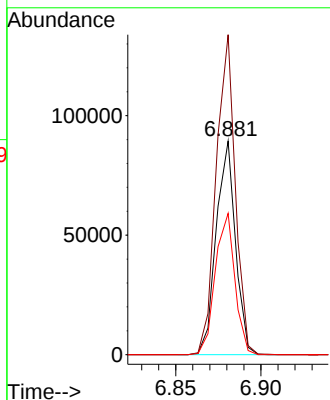
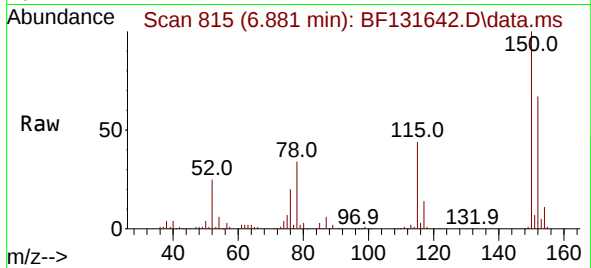




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131642.D
Acq: 15 Dec 2022 11:08

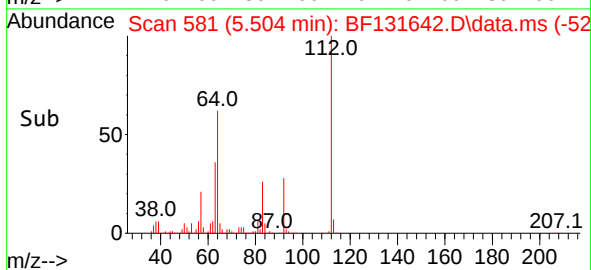
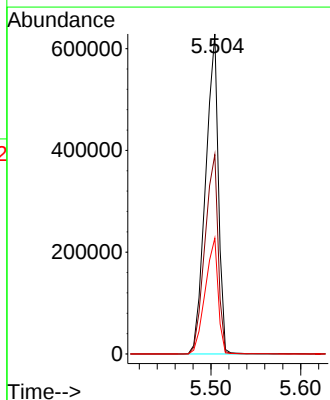
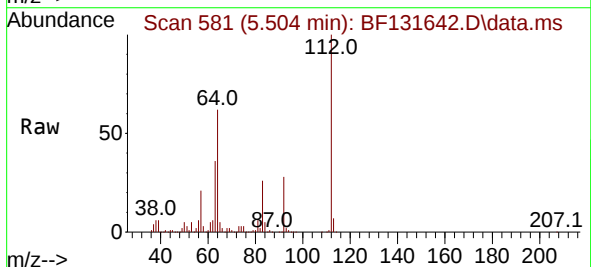
Instrument :
BNA_F
ClientSampleId :
PB149637BL

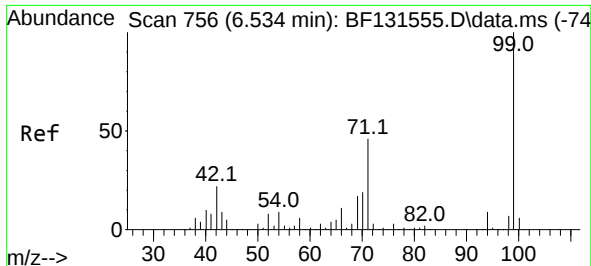
Tgt Ion:152 Resp: 70271
Ion Ratio Lower Upper
152 100
150 149.8 116.7 175.1
115 66.2 54.6 82.0



#5
2-Fluorophenol
Concen: 147.951 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF131642.D
Acq: 15 Dec 2022 11:08

Tgt Ion:112 Resp: 623196
Ion Ratio Lower Upper
112 100
64 62.3 54.5 81.7
63 36.2 31.9 47.9

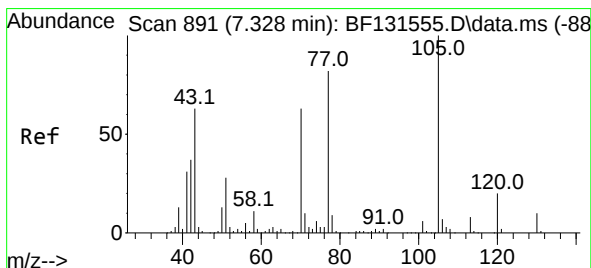
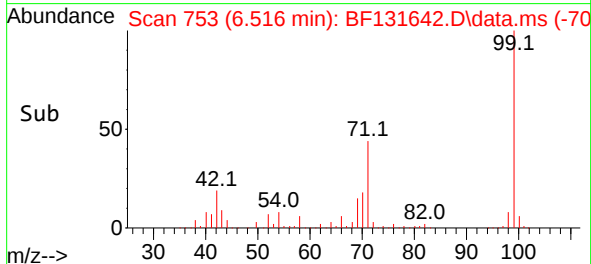
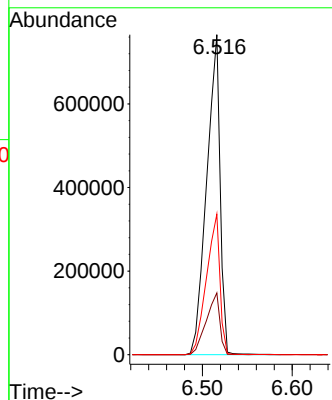
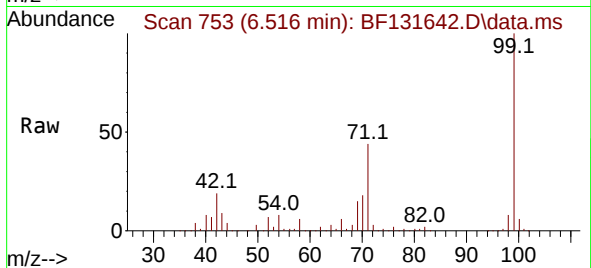




#7
Phenol-d6
Concen: 144.142 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131642.D
Acq: 15 Dec 2022 11:08

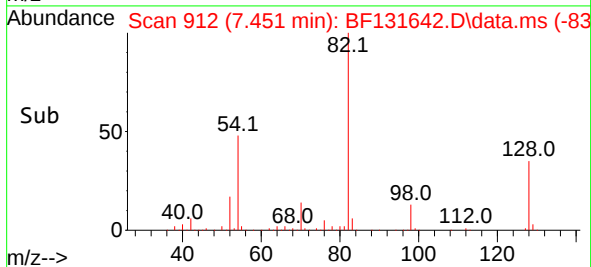
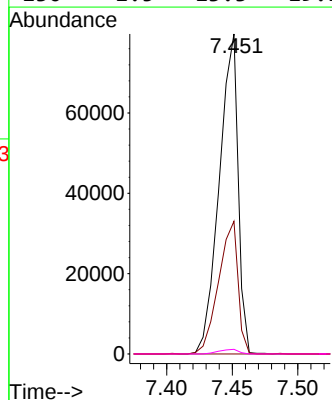
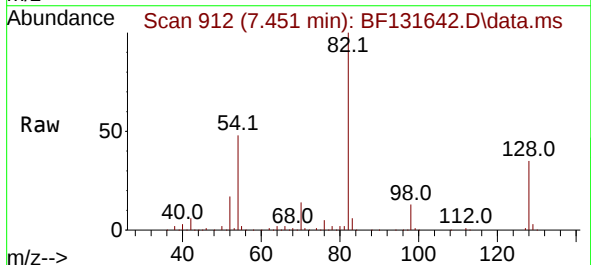
Instrument :
BNA_F
ClientSampleId :
PB149637BL

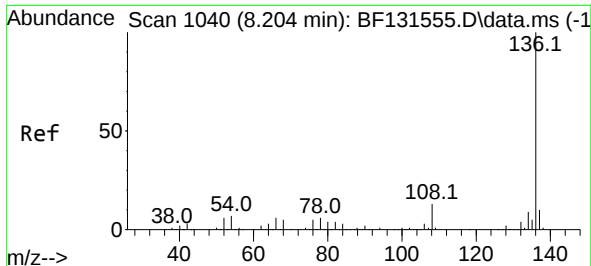
Tgt Ion: 99 Resp: 795626
Ion Ratio Lower Upper
99 100
42 19.3 17.9 26.9
71 43.9 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.238 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.153 min
Lab File: BF131642.D
Acq: 15 Dec 2022 11:08

Tgt Ion: 70 Resp: 79623
Ion Ratio Lower Upper
70 100
42 41.5 46.4 69.6#
101 0.0 7.2 10.8#
130 1.5 13.3 19.9#





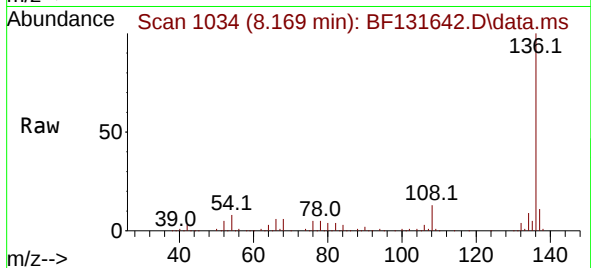
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131642.D
Acq: 15 Dec 2022 11:08

Instrument :

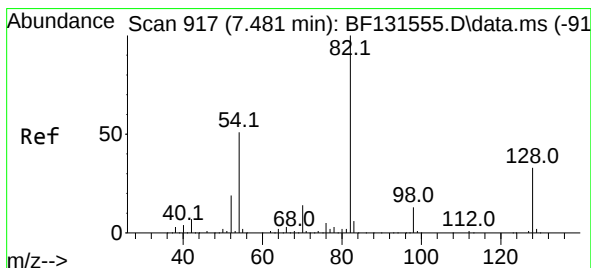
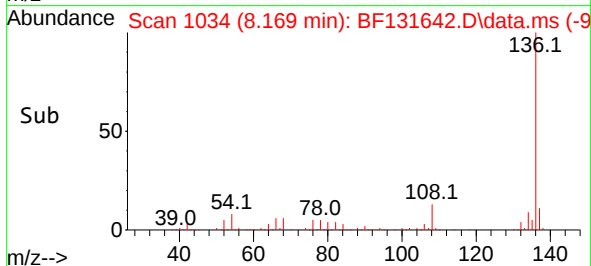
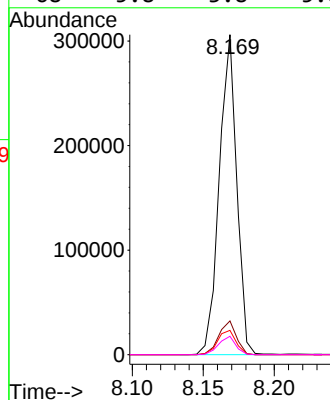
BNA_F

ClientSampleId :

PB149637BL

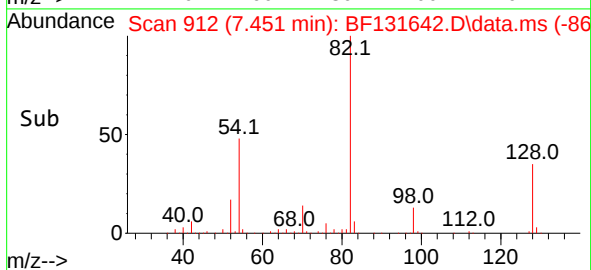
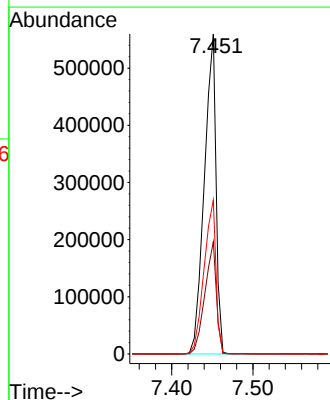
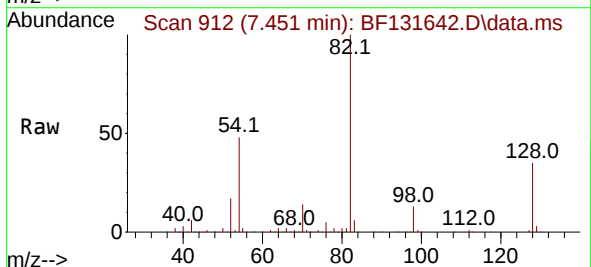


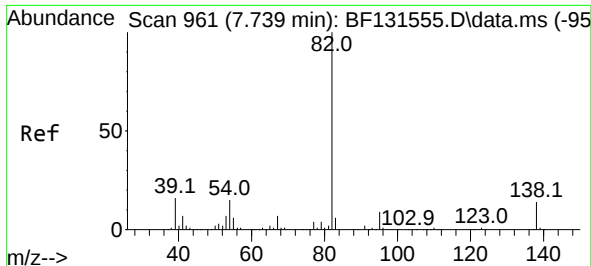
Tgt Ion:136 Resp: 261451
Ion Ratio Lower Upper
136 100
137 10.6 8.1 12.1
54 7.6 6.0 9.0
68 5.8 3.8 5.8#



#23
Nitrobenzene-d5
Concen: 80.966 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF131642.D
Acq: 15 Dec 2022 11:08

Tgt Ion: 82 Resp: 559917
Ion Ratio Lower Upper
82 100
128 35.1 26.1 39.1
54 48.0 40.6 60.8

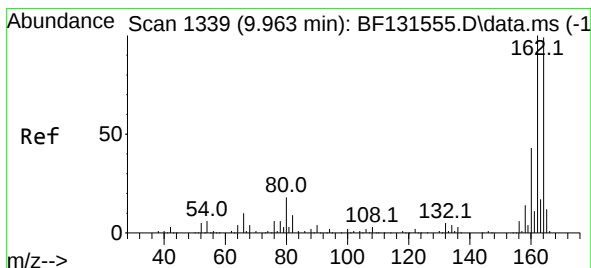
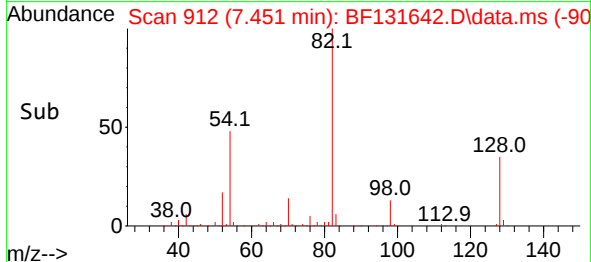
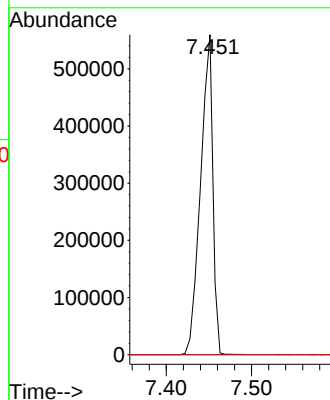
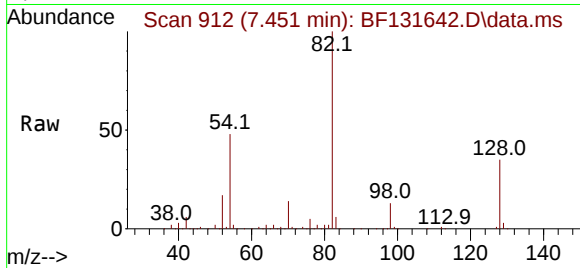




#25
Isophorone
Concen: 50.272 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131642.D
Acq: 15 Dec 2022 11:08

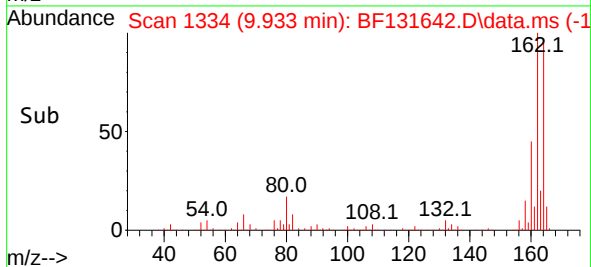
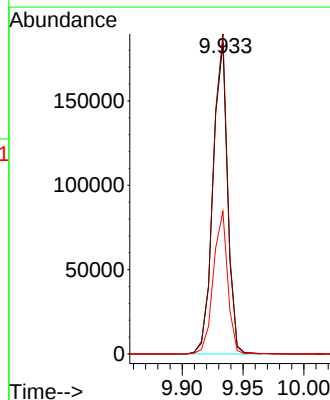
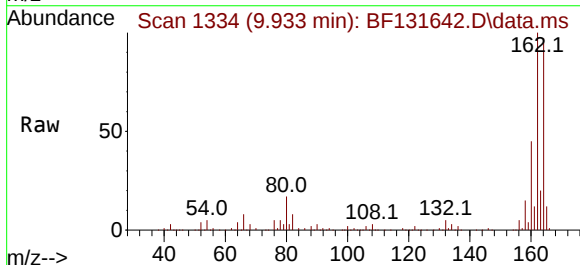
Instrument :
BNA_F
ClientSampleId :
PB149637BL

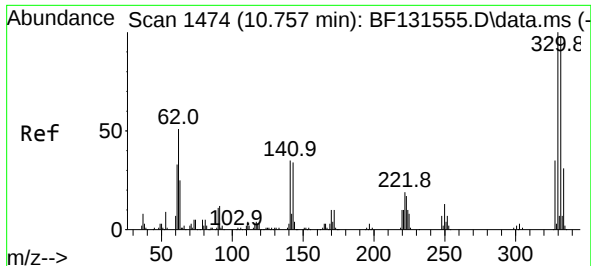
Tgt Ion: 82 Resp: 559989
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131642.D
Acq: 15 Dec 2022 11:08

Tgt Ion:164 Resp: 153695
Ion Ratio Lower Upper
164 100
162 102.9 81.0 121.6
160 45.8 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 141.702 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131642.D

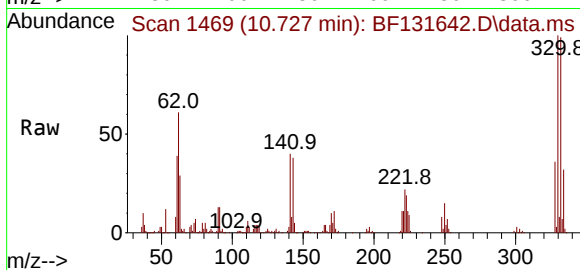
Acq: 15 Dec 2022 11:08

Instrument :

BNA_F

ClientSampleId :

PB149637BL



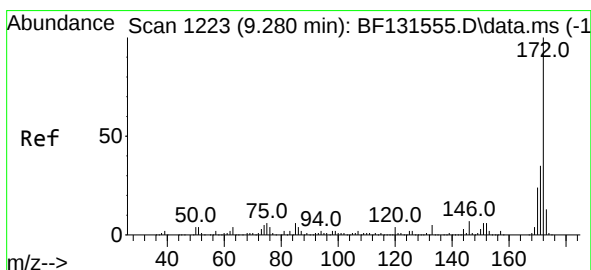
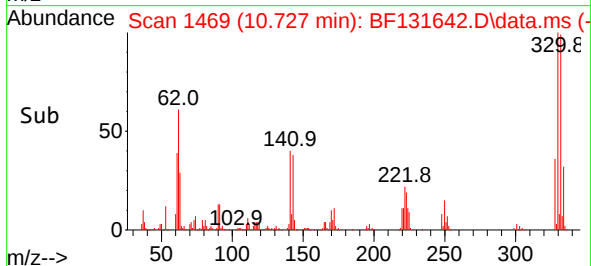
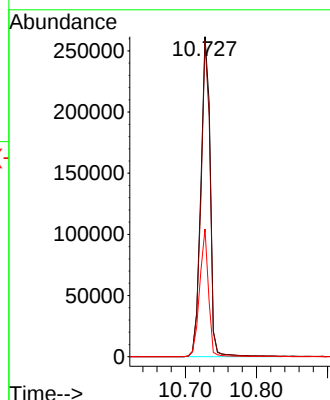
Tgt Ion:330 Resp: 241970

Ion Ratio Lower Upper

330 100

332 96.4 78.3 117.5

141 37.6 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 81.969 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF131642.D

Acq: 15 Dec 2022 11:08

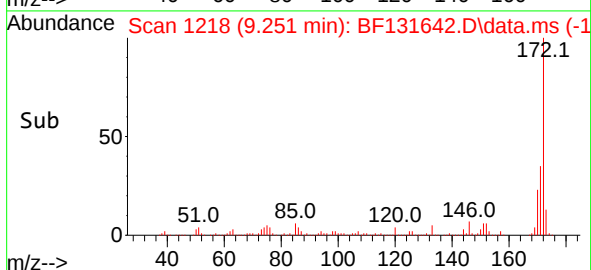
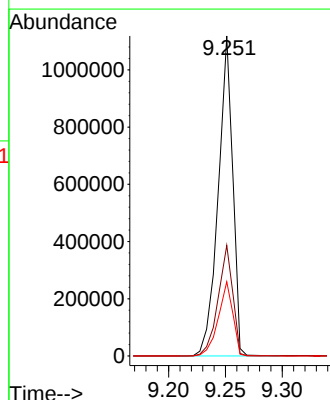
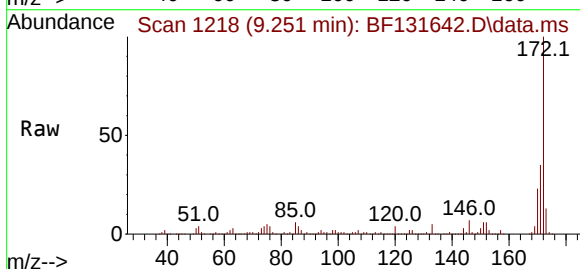
Tgt Ion:172 Resp: 999161

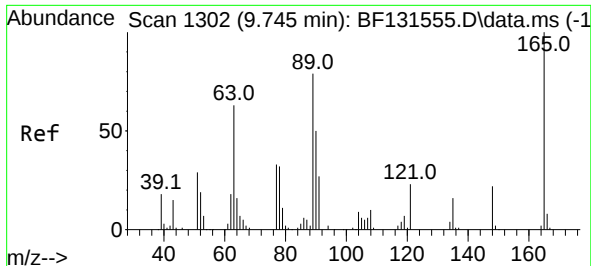
Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 23.2 19.3 28.9





#51

2,6-Dinitrotoluene

Concen: 8.025 ng

RT: 9.933 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF131642.D

Acq: 15 Dec 2022 11:08

Instrument :

BNA_F

ClientSampleId :

PB149637BL

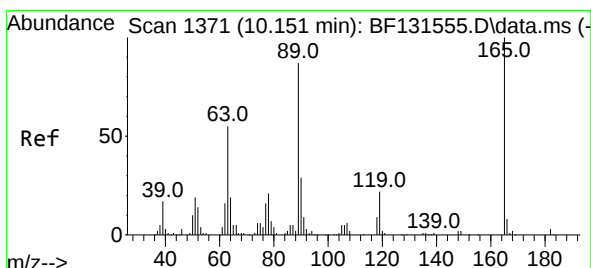
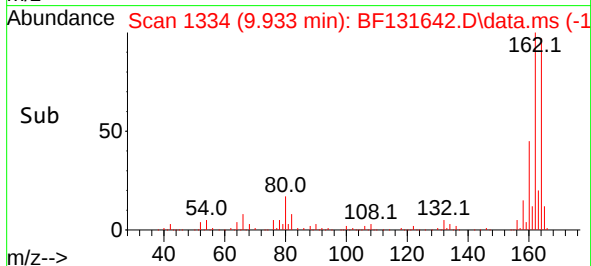
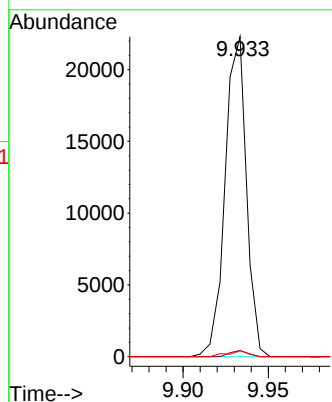
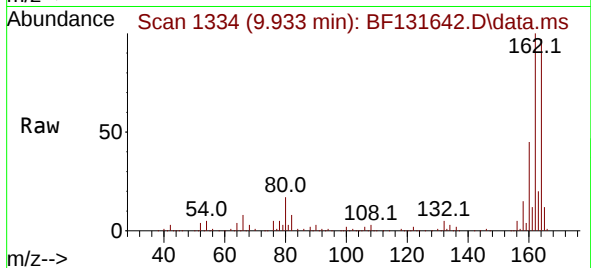
Tgt Ion:165 Resp: 19412

Ion Ratio Lower Upper

165 100

63 2.0 67.9 101.9#

89 1.9 63.2 94.8#



#57

2,4-Dinitrotoluene

Concen: 6.050 ng

RT: 9.933 min Scan# 1334

Delta R.T. -0.194 min

Lab File: BF131642.D

Acq: 15 Dec 2022 11:08

Tgt Ion:165 Resp: 19412

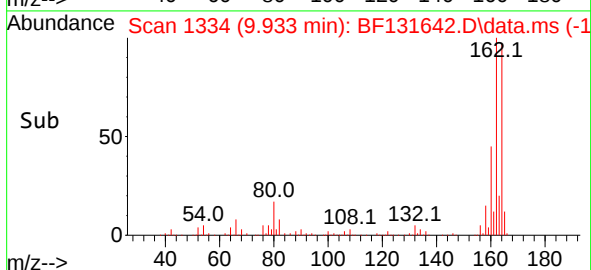
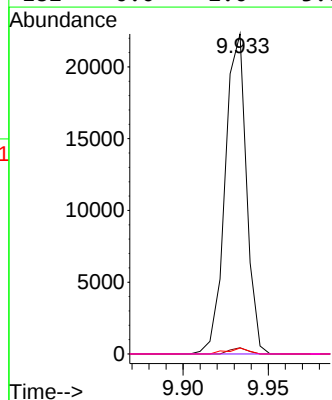
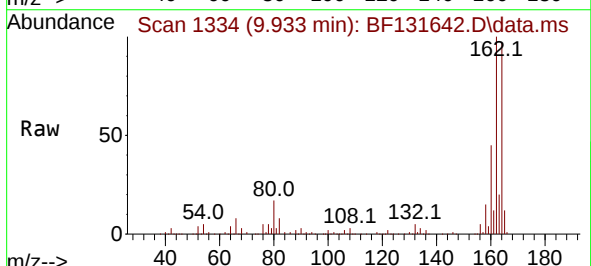
Ion Ratio Lower Upper

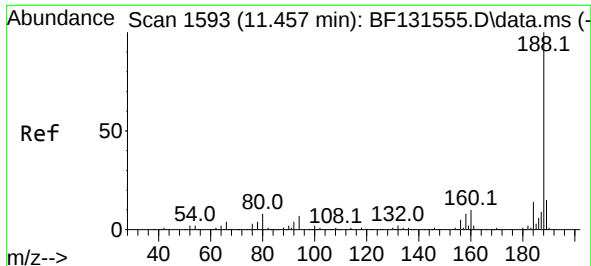
165 100

63 2.0 44.4 66.6#

89 1.9 69.6 104.4#

182 0.0 2.0 3.0#

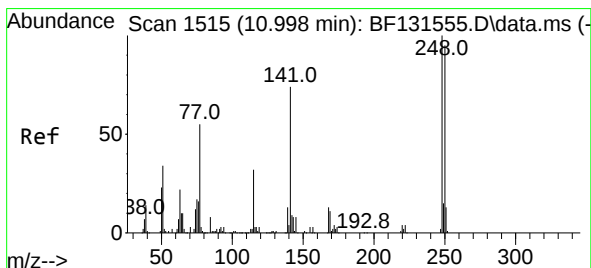
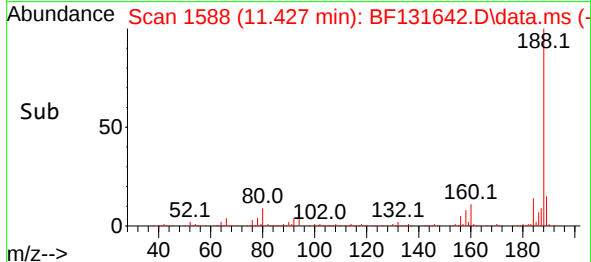
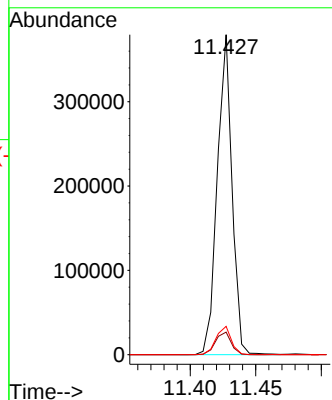
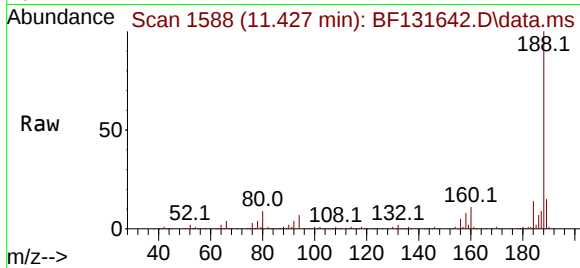




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131642.D
Acq: 15 Dec 2022 11:08

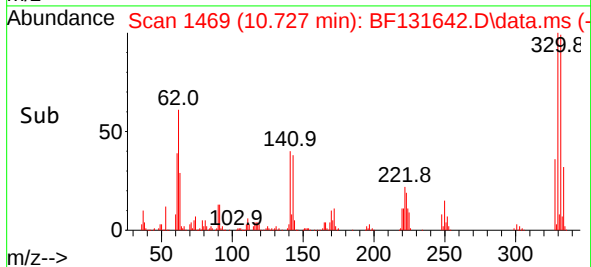
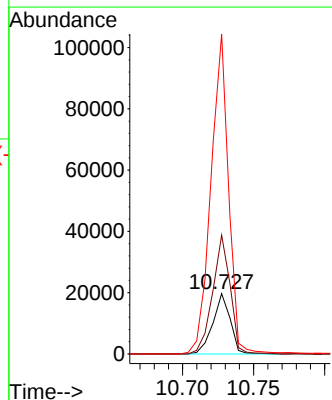
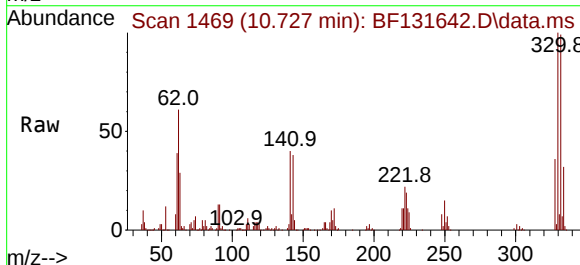
Instrument :
BNA_F
ClientSampleId :
PB149637BL

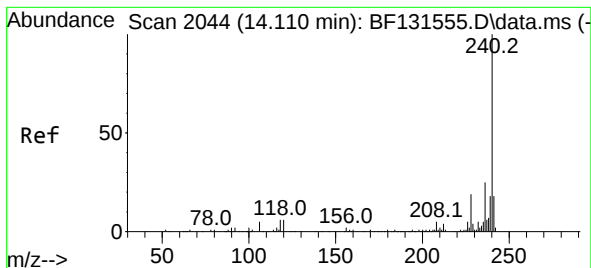
Tgt Ion:188 Resp: 296114
Ion Ratio Lower Upper
188 100
94 7.1 5.5 8.3
80 8.9 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 4.406 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.241 min
Lab File: BF131642.D
Acq: 15 Dec 2022 11:08

Tgt Ion:248 Resp: 16782
Ion Ratio Lower Upper
248 100
250 197.2 76.2 114.2#
141 531.1 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: BF131642.D

Acq: 15 Dec 2022 11:08

Instrument :

BNA_F

ClientSampleId :

PB149637BL

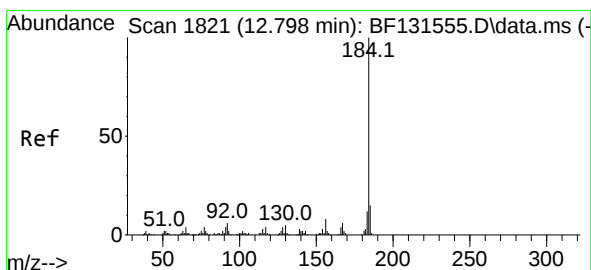
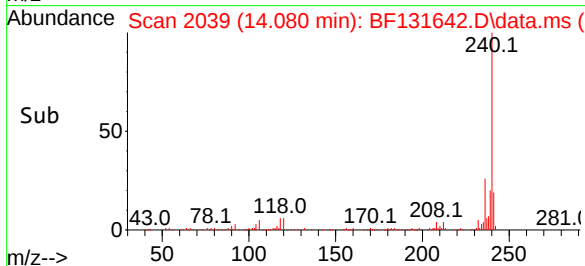
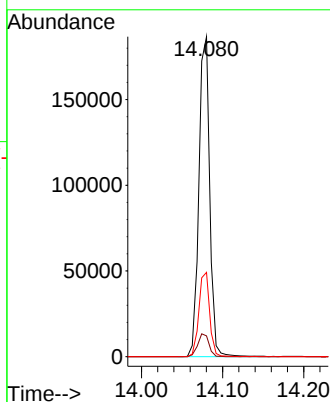
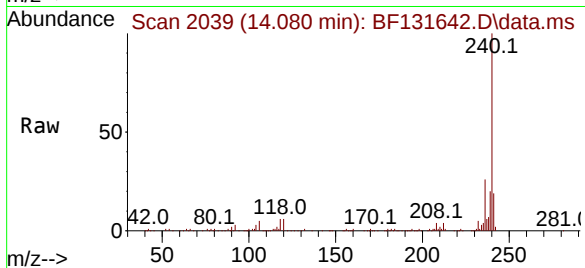
Tgt Ion:240 Resp: 173012

Ion Ratio Lower Upper

240 100

120 6.5 4.6 7.0

236 26.3 20.2 30.2



#77

Benzidine

Concen: 3.877 ng

RT: 13.021 min Scan# 1859

Delta R.T. 0.247 min

Lab File: BF131642.D

Acq: 15 Dec 2022 11:08

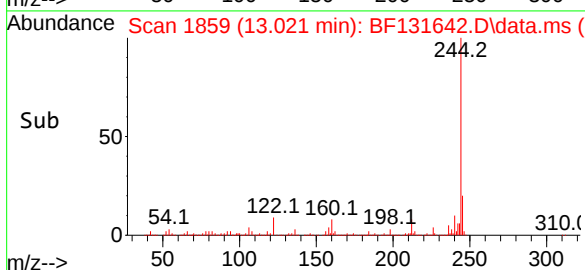
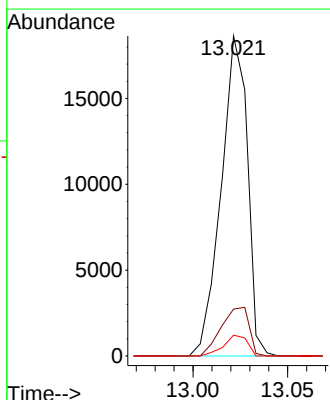
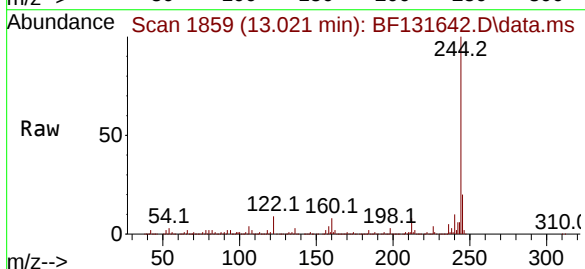
Tgt Ion:184 Resp: 17971

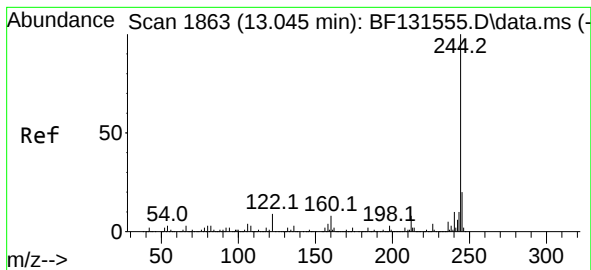
Ion Ratio Lower Upper

184 100

185 14.7 12.2 18.2

183 6.5 9.3 13.9#





#79

Terphenyl-d14

Concen: 92.544 ng

RT: 13.021 min Scan# 1859

Delta R.T. 0.000 min

Lab File: BF131642.D

Acq: 15 Dec 2022 11:08

Instrument :

BNA_F

ClientSampleId :

PB149637BL

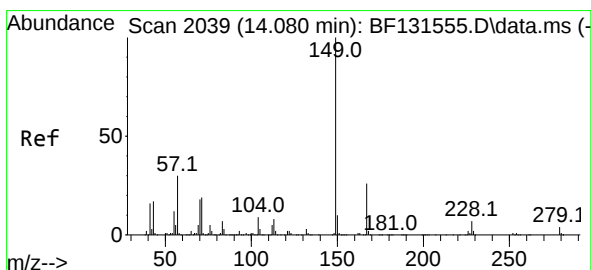
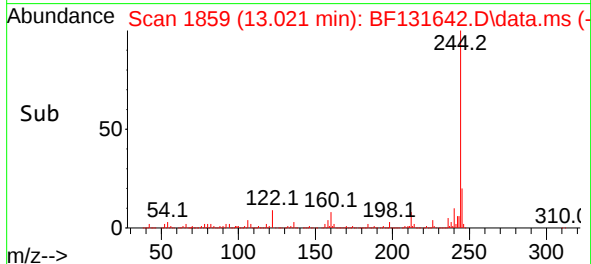
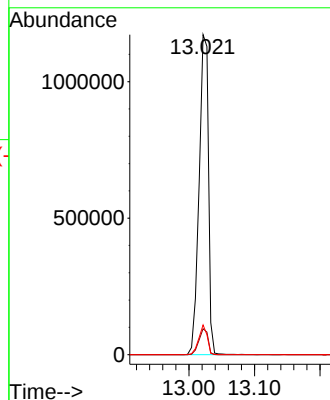
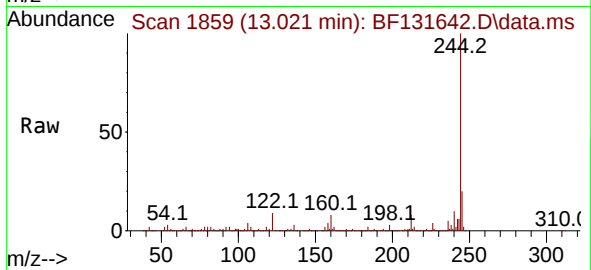
Tgt Ion:244 Resp: 1167510

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

122 9.3 7.1 10.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.057 ng

RT: 14.057 min Scan# 2035

Delta R.T. 0.000 min

Lab File: BF131642.D

Acq: 15 Dec 2022 11:08

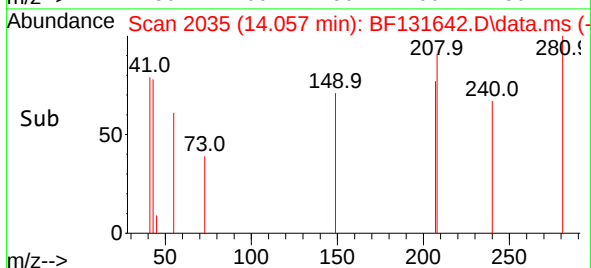
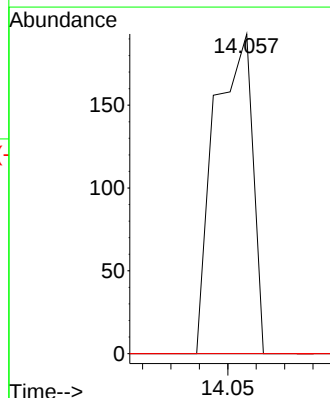
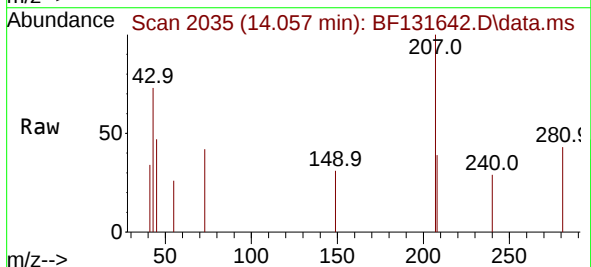
Tgt Ion:149 Resp: 179

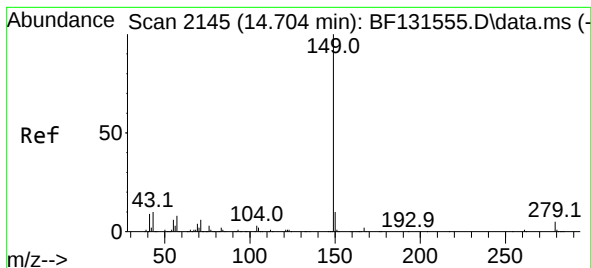
Ion Ratio Lower Upper

149 100

167 0.0 20.8 31.2#

279 0.0 3.3 4.9#

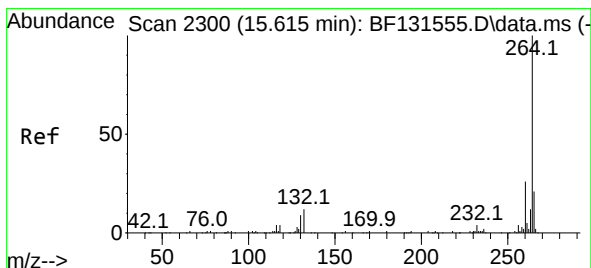
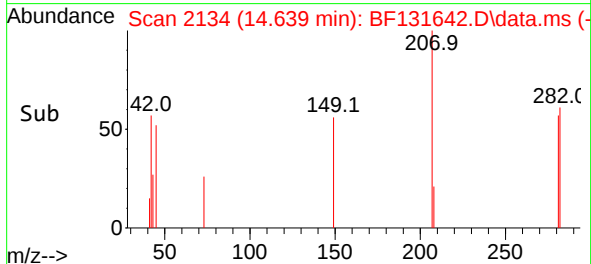
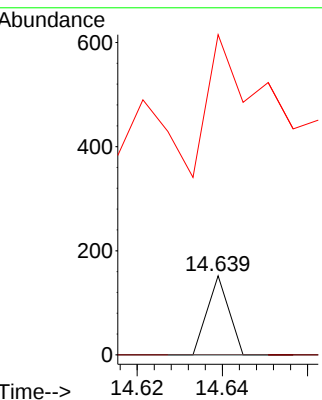
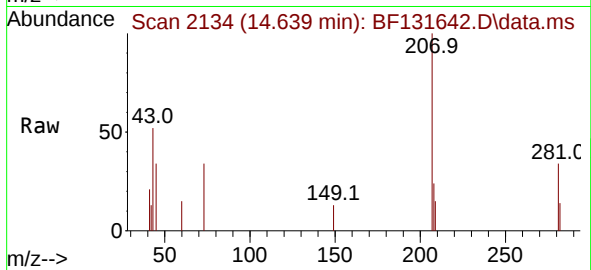




#85
Di-n-octyl phthalate
Concen: 5.223 ng
RT: 14.639 min Scan# 2145
Delta R.T. -0.035 min
Lab File: BF131642.D
Acq: 15 Dec 2022 11:08

Instrument :
BNA_F
ClientSampleId :
PB149637BL

Tgt Ion:149 Resp: 54
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 592.6 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: BF131642.D
Acq: 15 Dec 2022 11:08

Tgt Ion:264 Resp: 136935
Ion Ratio Lower Upper
264 100
260 24.2 20.6 30.8
265 21.1 16.8 25.2

