

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
 Data File : BF131685.D
 Acq On : 19 Dec 2022 12:13
 Operator : CG\JU
 Sample : PB149651TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149651TB

Quant Time: Dec 20 01:02:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 20 00:23:43 2022
 Response via : Initial Calibration

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

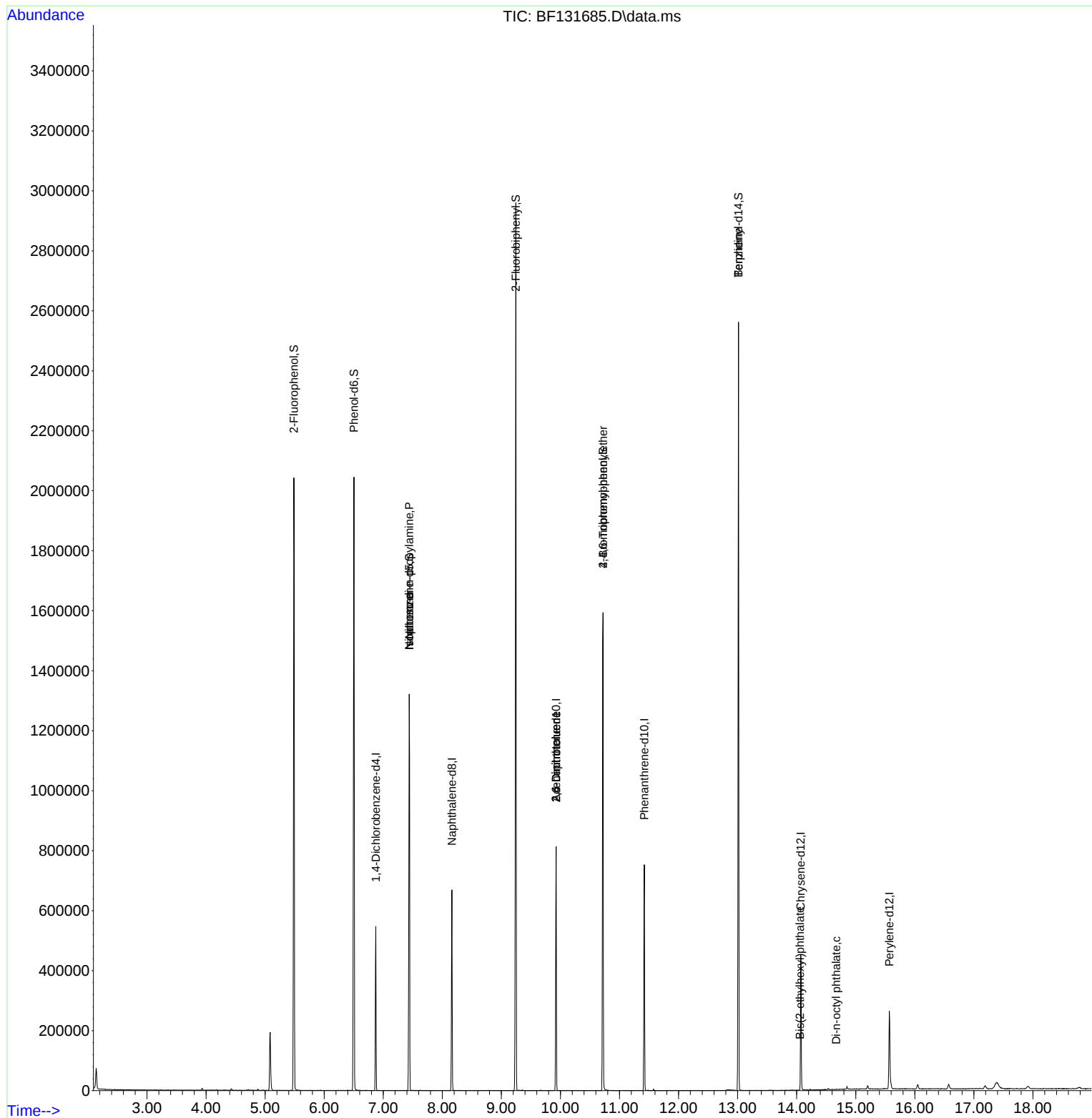
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	70314	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	259513	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	152944	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	267723	20.000	ng	0.00
76) Chrysene-d12	14.068	240	154203	20.000	ng	# 0.00
86) Perylene-d12	15.568	264	120696	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	530096	125.772	ng	0.00
7) Phenol-d6	6.504	99	680941	123.289	ng	0.00
23) Nitrobenzene-d5	7.439	82	476984	69.489	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	176818	104.056	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	825995	68.095	ng	0.00
79) Terphenyl-d14	13.015	244	798513	71.016	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	64732	15.630	ng	# 77
25) Isophorone	7.439	82	476698	43.115	ng	# 69
51) 2,6-Dinitrotoluene	9.927	165	19530	8.114	ng	# 10
57) 2,4-Dinitrotoluene	9.927	165	19530	6.117	ng	# 16
67) 4-Bromophenyl-phenylether	10.721	248	12449	3.615	ng	# 1
77) Benzidine	13.015	184	11290	2.733	ng	# 90
84) Bis(2-ethylhexyl)phtha...	14.057	149	180	3.060	ng	# 54
85) Di-n-octyl phthalate	14.668	149	74	5.226	ng	# 1

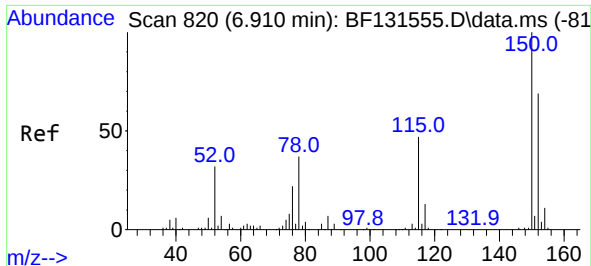
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
Data File : BF131685.D
Acq On : 19 Dec 2022 12:13
Operator : CG\JU
Sample : PB149651TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB149651TB

Quant Time: Dec 20 01:02:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 00:23:43 2022
Response via : Initial Calibration

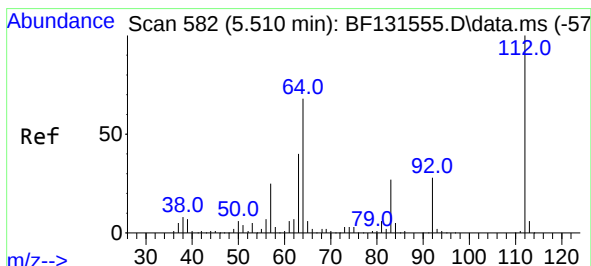
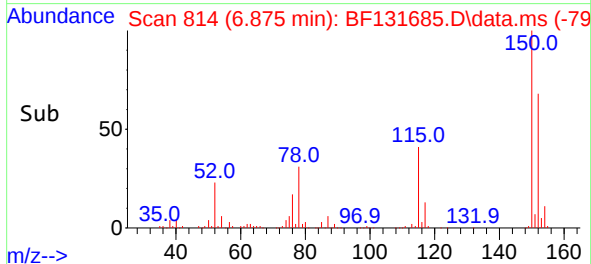
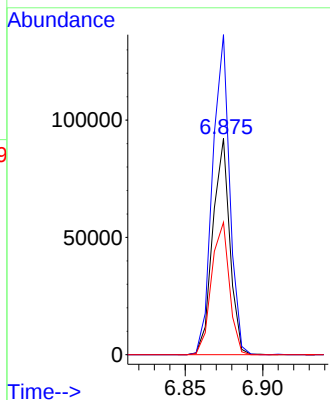
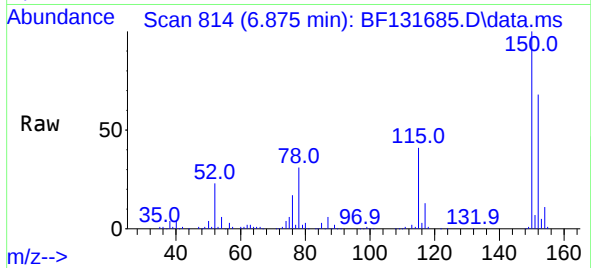




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131685.D
Acq: 19 Dec 2022 12:13

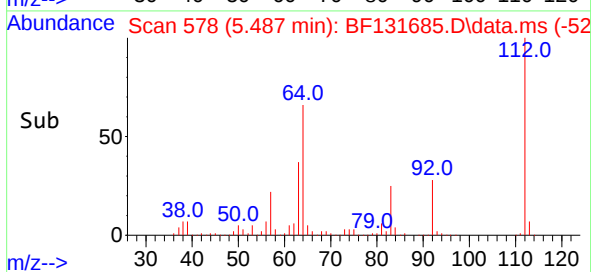
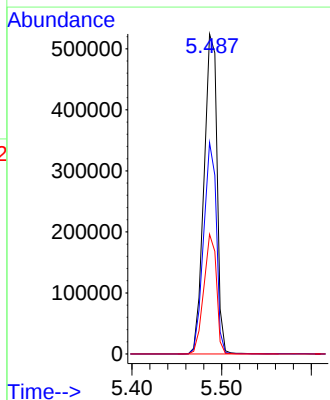
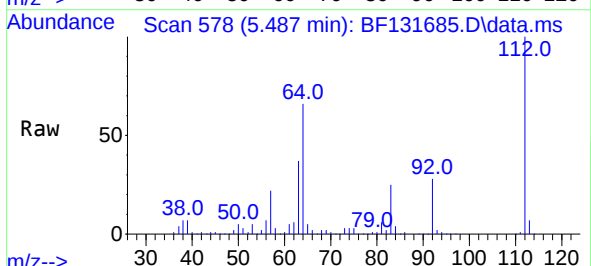
Instrument :
BNA_F
ClientSampleId :
PB149651TB

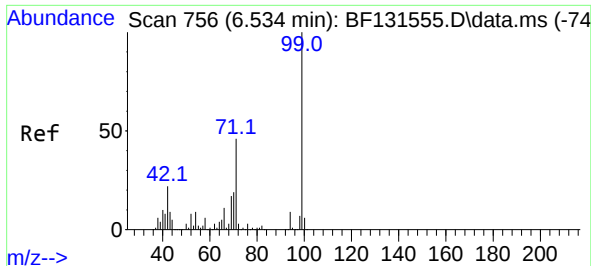
Tgt Ion:152 Resp: 70314
Ion Ratio Lower Upper
152 100
150 148.0 116.7 175.1
115 61.2 54.6 82.0



#5
2-Fluorophenol
Concen: 125.772 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF131685.D
Acq: 19 Dec 2022 12:13

Tgt Ion:112 Resp: 530096
Ion Ratio Lower Upper
112 100
64 66.1 54.5 81.7
63 37.4 31.9 47.9

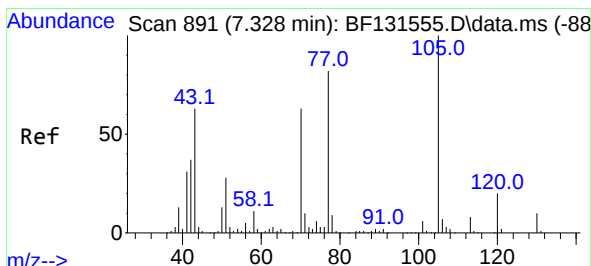
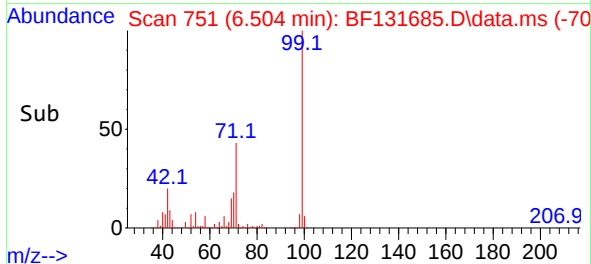
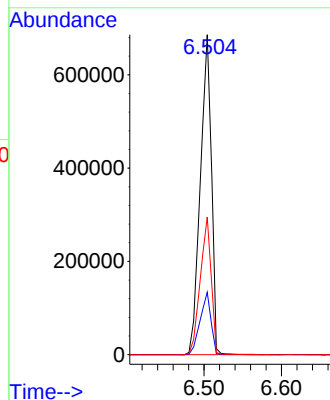
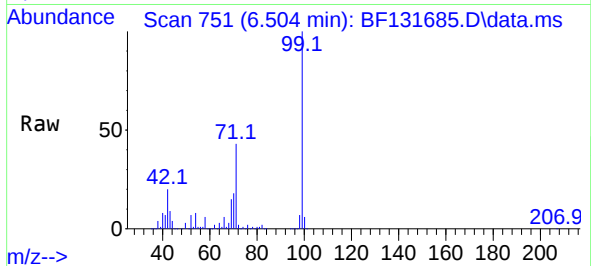




#7
Phenol-d6
Concen: 123.289 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131685.D
Acq: 19 Dec 2022 12:13

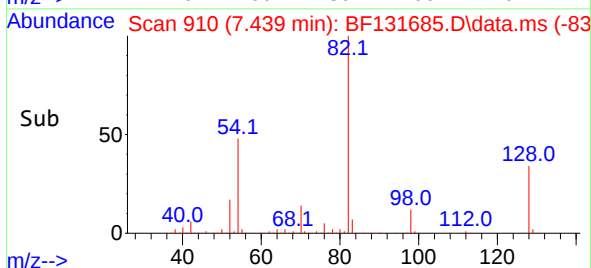
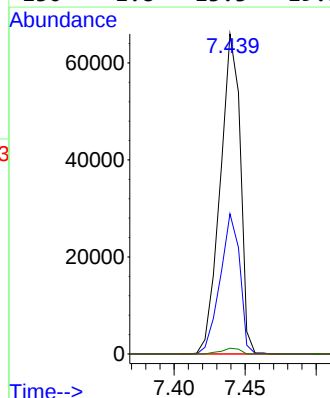
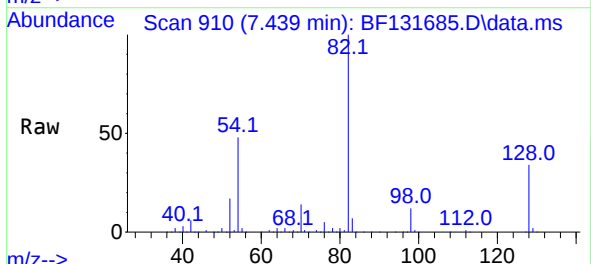
Instrument :
BNA_F
ClientSampleId :
PB149651TB

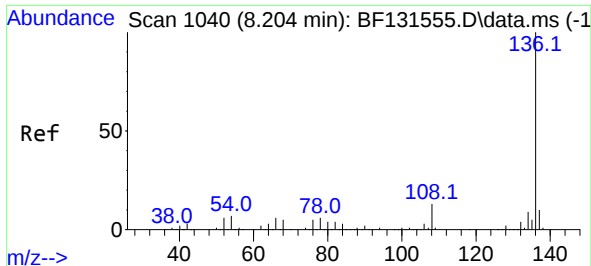
Tgt Ion: 99 Resp: 680941
Ion Ratio Lower Upper
99 100
42 19.5 17.9 26.9
71 43.0 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.630 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.147 min
Lab File: BF131685.D
Acq: 19 Dec 2022 12:13

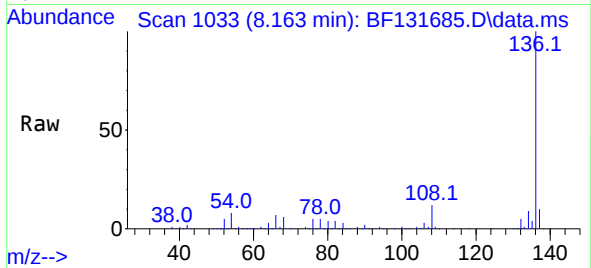
Tgt Ion: 70 Resp: 64732
Ion Ratio Lower Upper
70 100
42 43.8 46.4 69.6#
101 0.0 7.2 10.8#
130 1.8 13.3 19.9#



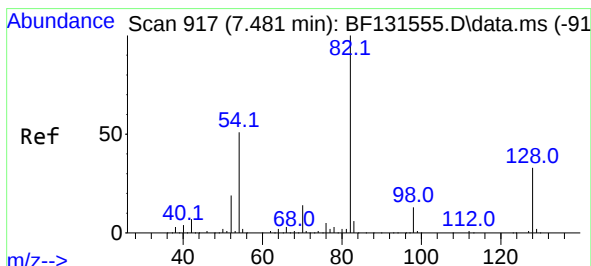
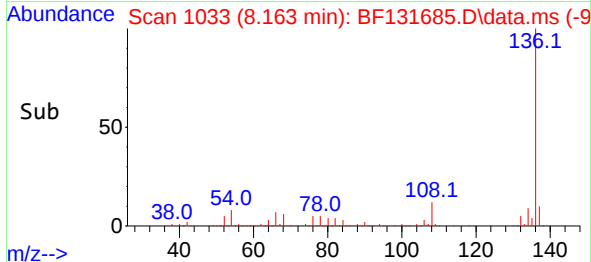
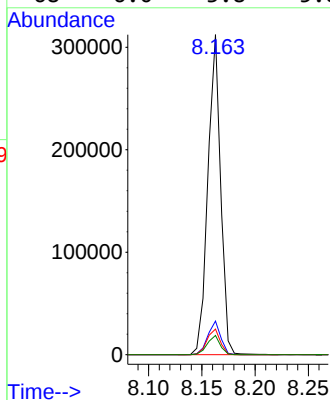


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF131685.D
Acq: 19 Dec 2022 12:13

Instrument :
BNA_F
ClientSampleId :
PB149651TB

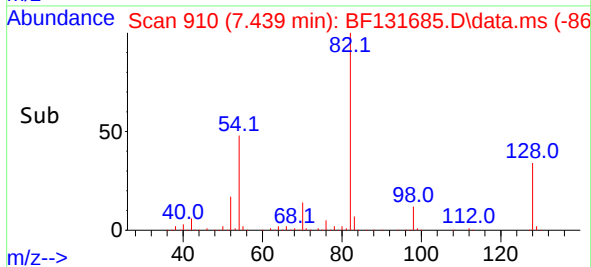
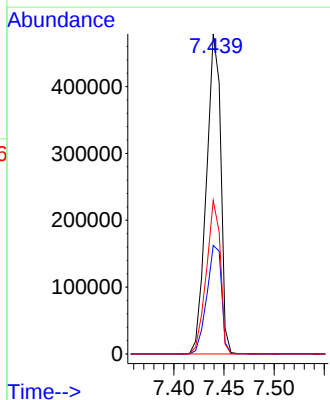
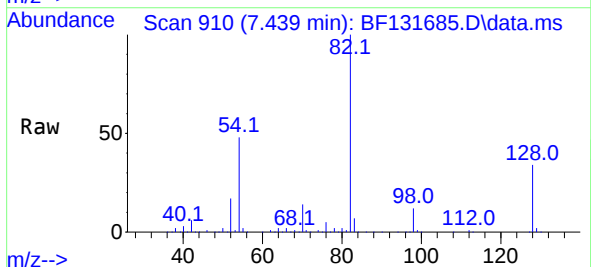


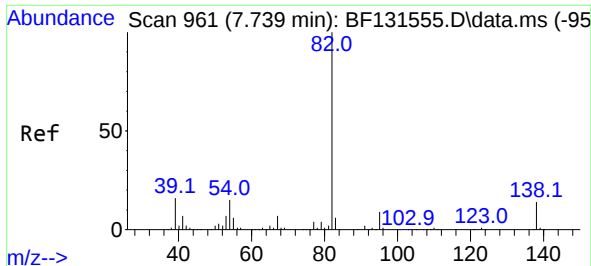
Tgt Ion:136 Resp: 259513
Ion Ratio Lower Upper
136 100
137 10.5 8.1 12.1
54 8.0 6.0 9.0
68 6.0 3.8 5.8#



#23
Nitrobenzene-d5
Concen: 69.489 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF131685.D
Acq: 19 Dec 2022 12:13

Tgt Ion: 82 Resp: 476984
Ion Ratio Lower Upper
82 100
128 33.9 26.1 39.1
54 48.0 40.6 60.8

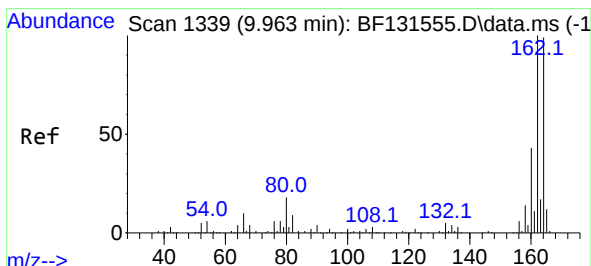
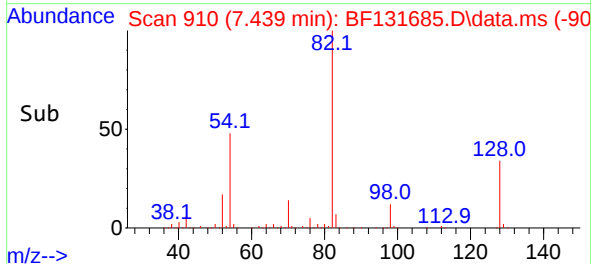
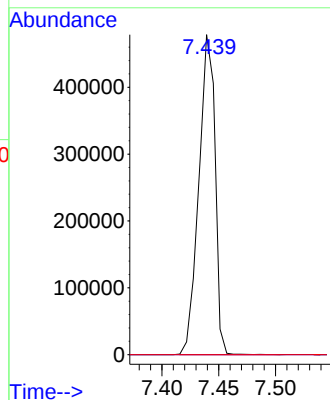
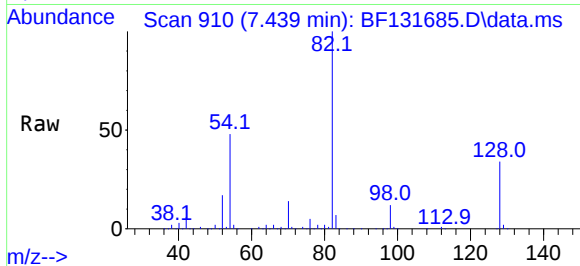




#25
Isophorone
Concen: 43.115 ng
RT: 7.439 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131685.D
Acq: 19 Dec 2022 12:13

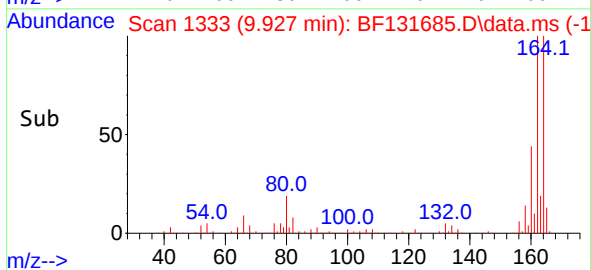
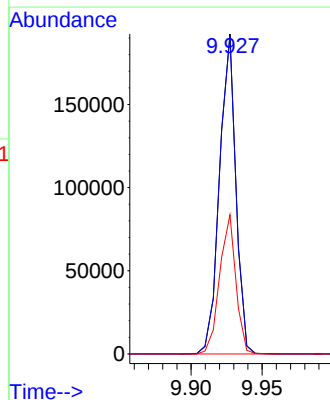
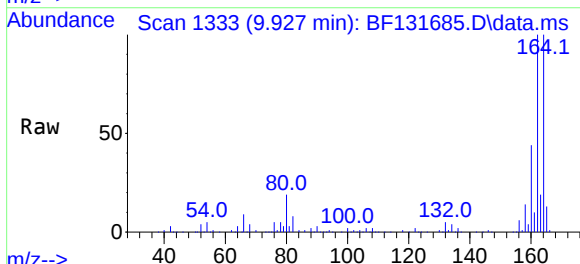
Instrument :
BNA_F
ClientSampleId :
PB149651TB

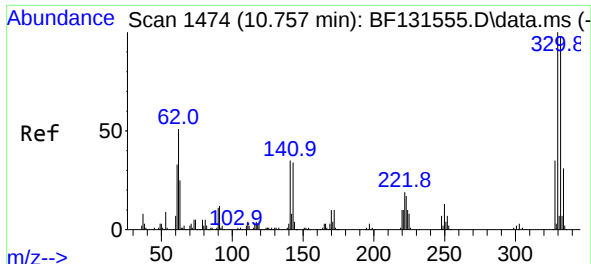
Tgt Ion: 82 Resp: 476698
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF131685.D
Acq: 19 Dec 2022 12:13

Tgt Ion:164 Resp: 152944
Ion Ratio Lower Upper
164 100
162 99.5 81.0 121.6
160 43.5 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 104.056 ng

RT: 10.721 min Scan# 1474

Delta R.T. -0.000 min

Lab File: BF131685.D

Acq: 19 Dec 2022 12:13

Instrument :

BNA_F

ClientSampleId :

PB149651TB

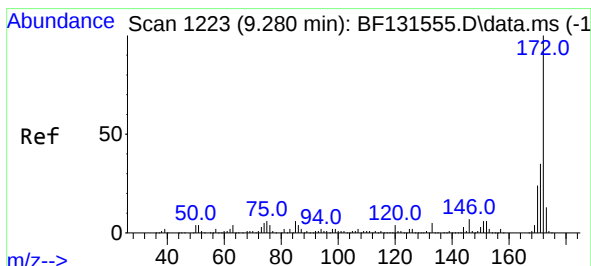
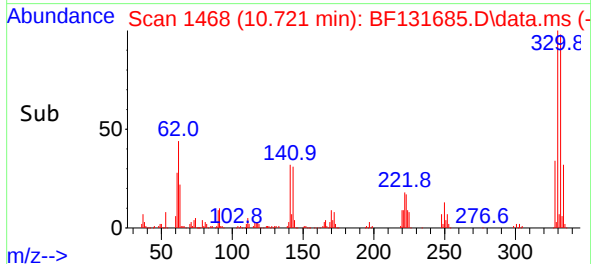
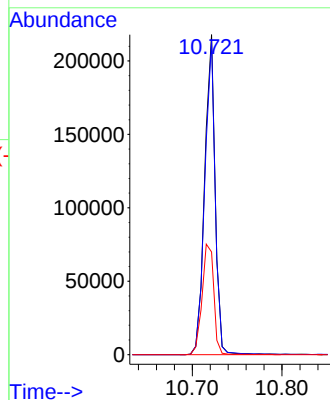
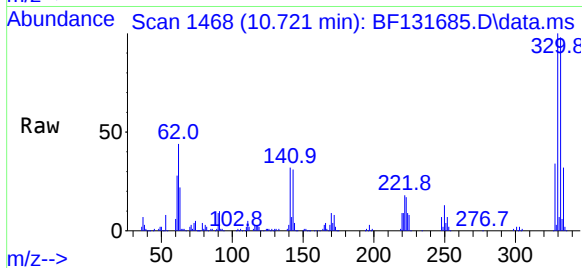
Tgt Ion:330 Resp: 176818

Ion Ratio Lower Upper

330 100

332 97.7 78.3 117.5

141 38.8 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 68.095 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.000 min

Lab File: BF131685.D

Acq: 19 Dec 2022 12:13

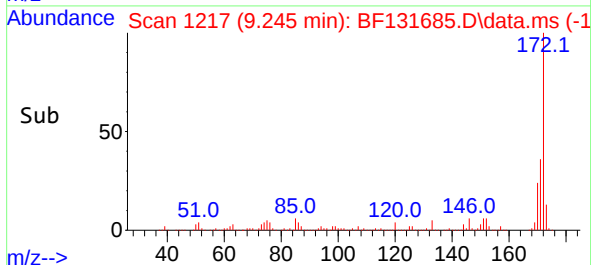
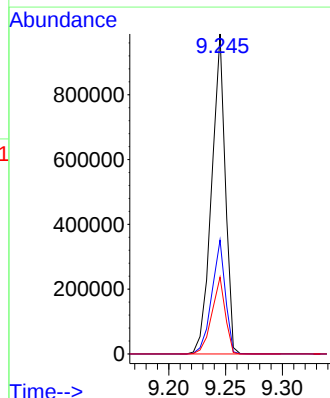
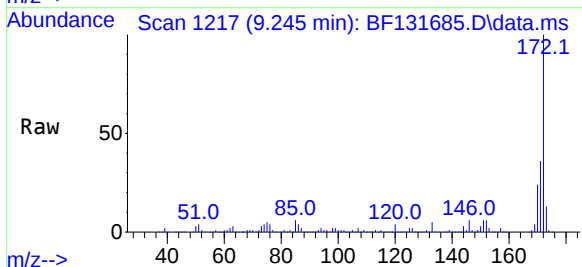
Tgt Ion:172 Resp: 825995

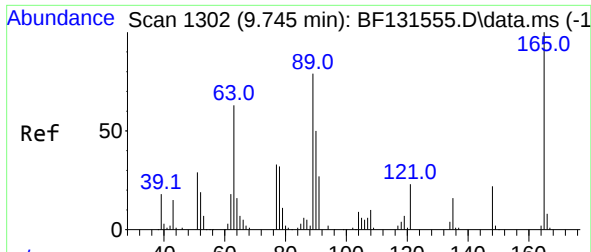
Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 24.0 19.3 28.9





#51

2,6-Dinitrotoluene

Concen: 8.114 ng

RT: 9.927 min Scan# 11

Delta R.T. 0.218 min

Lab File: BF131685.D

Acq: 19 Dec 2022 12:13

Instrument :

BNA_F

ClientSampleId :

PB149651TB

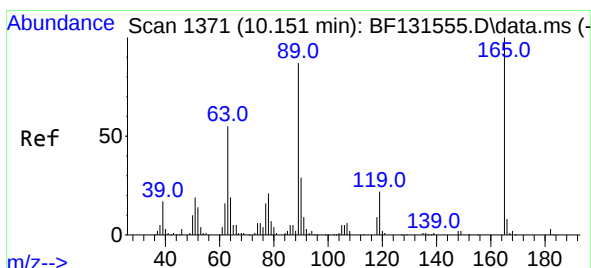
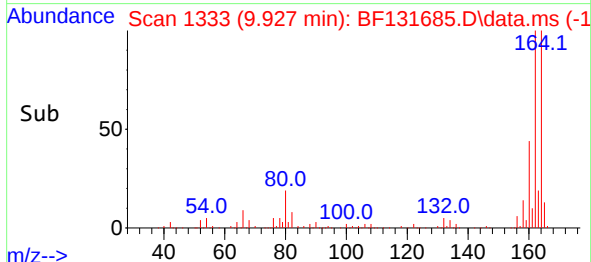
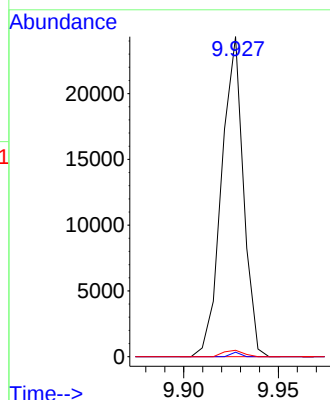
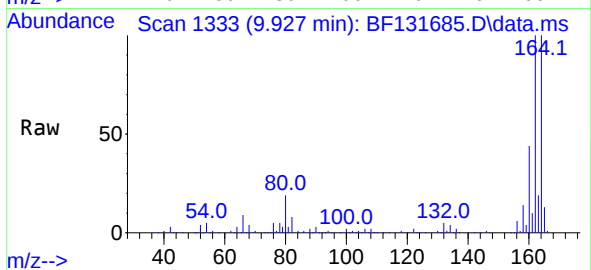
Tgt Ion:165 Resp: 19530

Ion Ratio Lower Upper

165 100

63 1.4 67.9 101.9#

89 2.0 63.2 94.8#



#57

2,4-Dinitrotoluene

Concen: 6.117 ng

RT: 9.927 min Scan# 1333

Delta R.T. -0.188 min

Lab File: BF131685.D

Acq: 19 Dec 2022 12:13

Tgt Ion:165 Resp: 19530

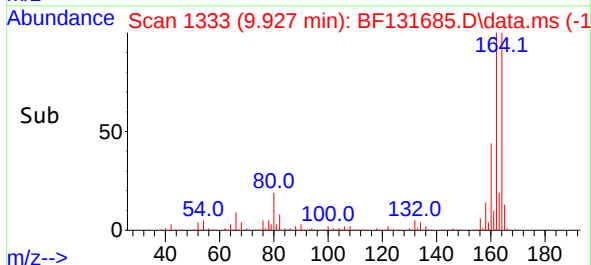
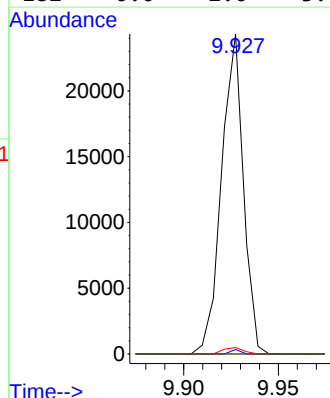
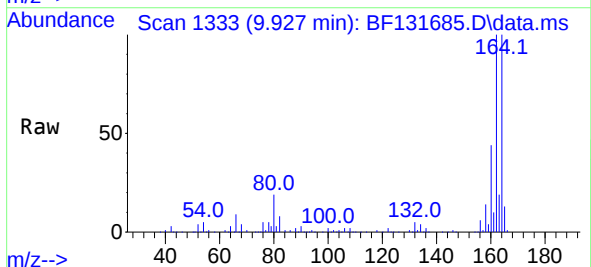
Ion Ratio Lower Upper

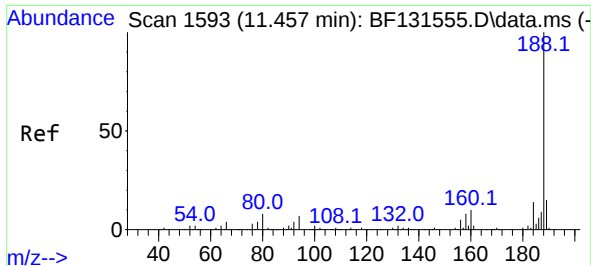
165 100

63 1.4 44.4 66.6#

89 2.0 69.6 104.4#

182 0.0 2.0 3.0#

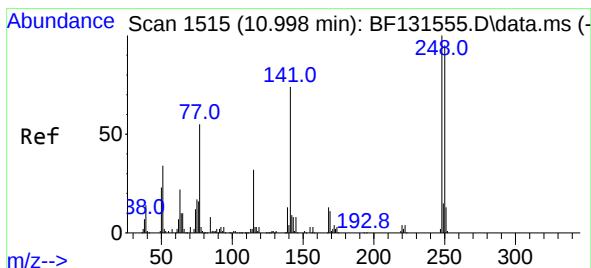
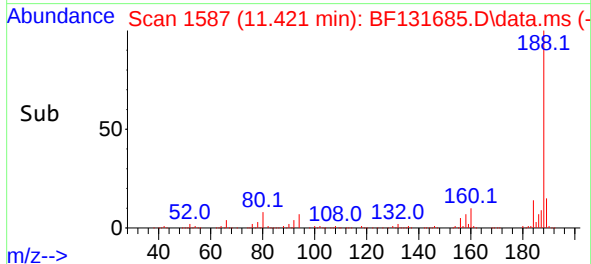
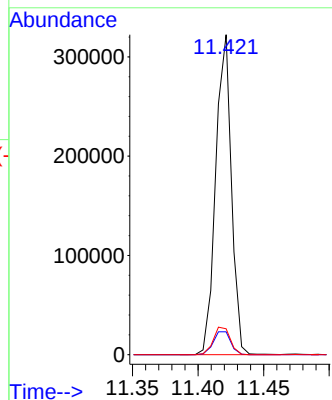
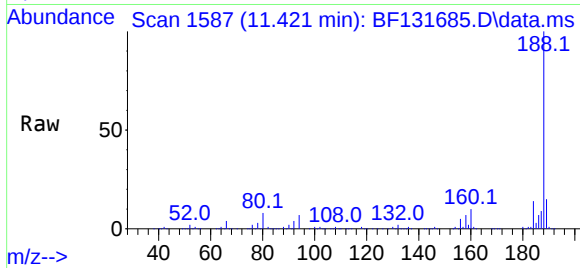




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131685.D
Acq: 19 Dec 2022 12:13

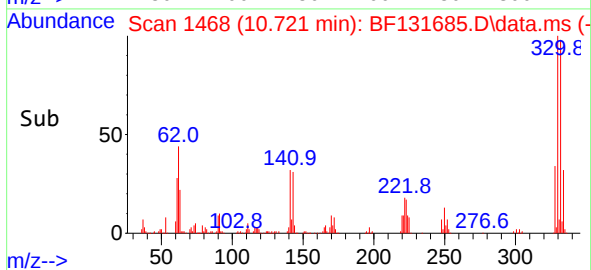
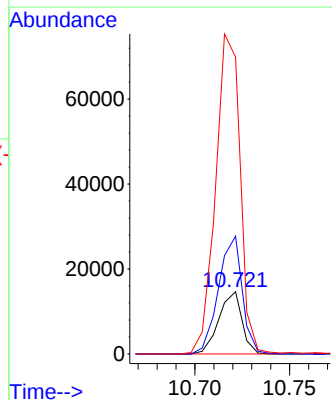
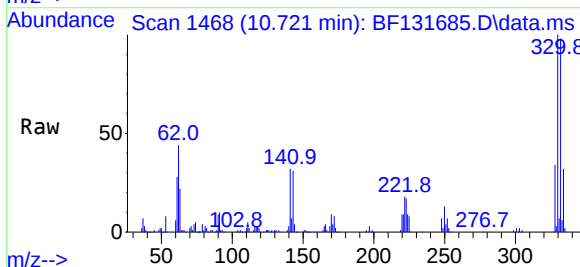
Instrument :
BNA_F
ClientSampleId :
PB149651TB

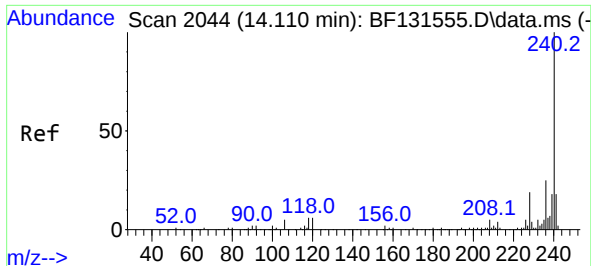
Tgt Ion:188 Resp: 267723
Ion Ratio Lower Upper
188 100
94 7.1 5.5 8.3
80 8.1 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 3.615 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF131685.D
Acq: 19 Dec 2022 12:13

Tgt Ion:248 Resp: 12449
Ion Ratio Lower Upper
248 100
250 189.0 76.2 114.2#
141 476.6 59.5 89.3#

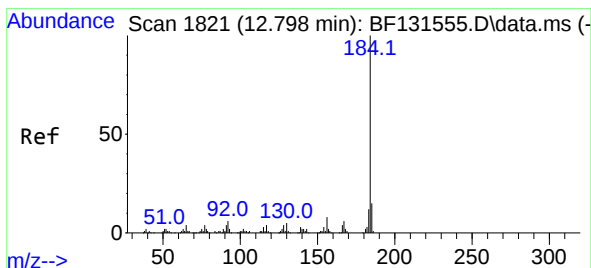
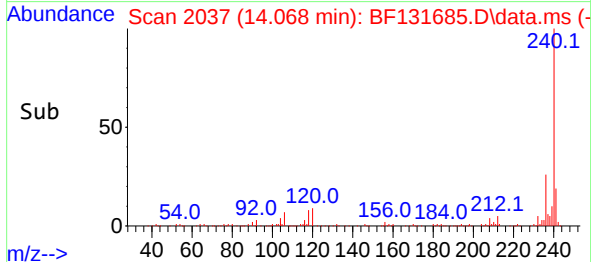
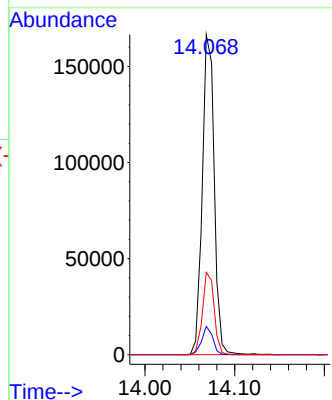
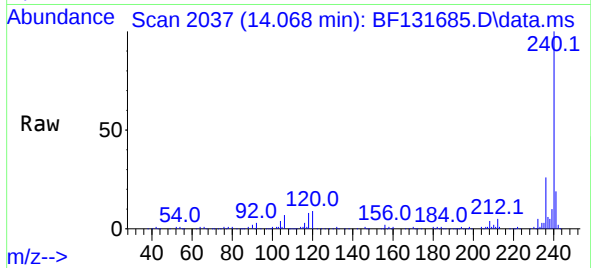




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BF131685.D
Acq: 19 Dec 2022 12:13

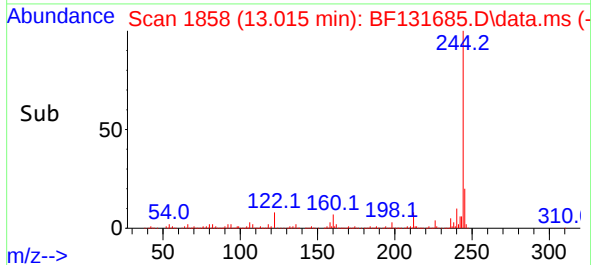
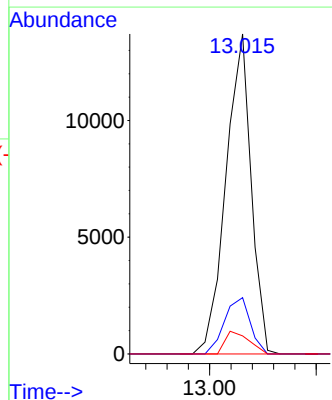
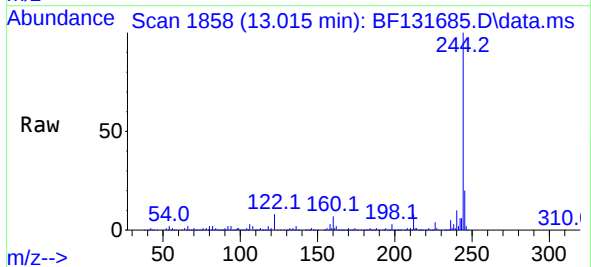
Instrument :
BNA_F
ClientSampleId :
PB149651TB

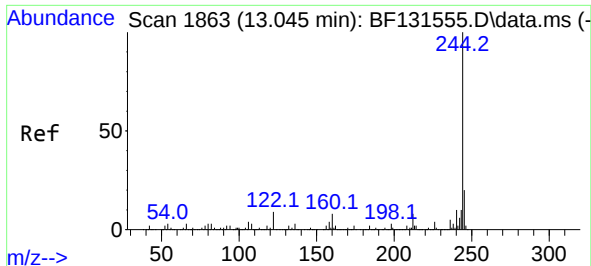
Tgt Ion:240 Resp: 154203
Ion Ratio Lower Upper
240 100
120 8.9 4.6 7.0#
236 25.7 20.2 30.2



#77
Benzidine
Concen: 2.733 ng
RT: 13.015 min Scan# 1858
Delta R.T. 0.253 min
Lab File: BF131685.D
Acq: 19 Dec 2022 12:13

Tgt Ion:184 Resp: 11290
Ion Ratio Lower Upper
184 100
185 17.6 12.2 18.2
183 5.6 9.3 13.9#

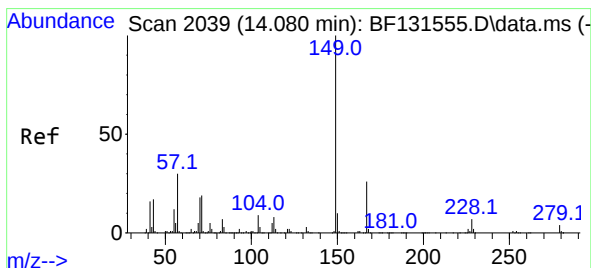
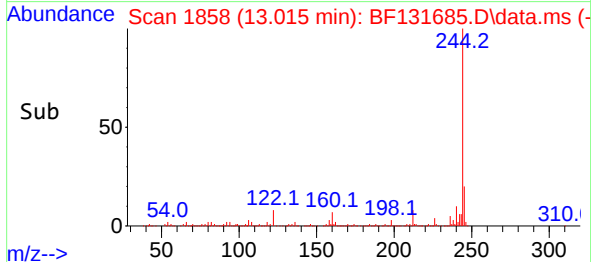
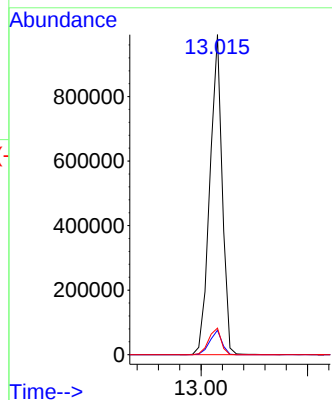
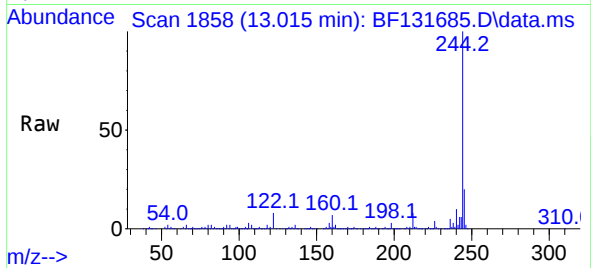




#79
 Terphenyl-d14
 Concen: 71.016 ng
 RT: 13.015 min Scan# 1863
 Delta R.T. 0.006 min
 Lab File: BF131685.D
 Acq: 19 Dec 2022 12:13

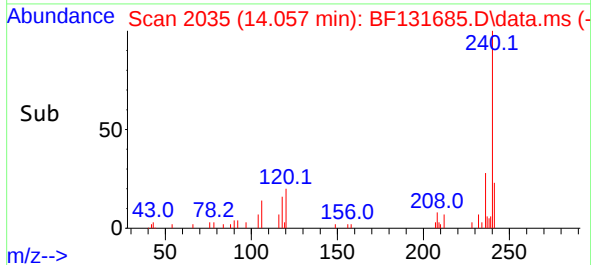
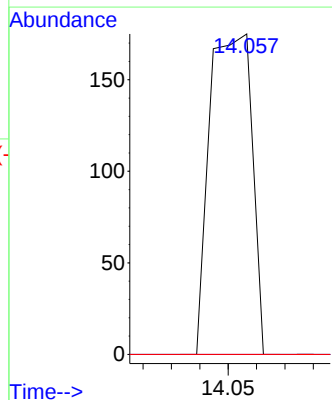
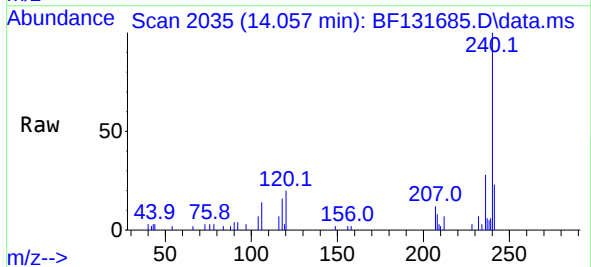
Instrument :
 BNA_F
 ClientSampleId :
 PB149651TB

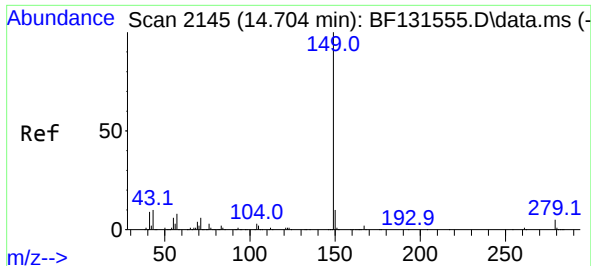
Tgt Ion:244 Resp: 798513
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 8.3 7.1 10.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.060 ng
 RT: 14.057 min Scan# 2035
 Delta R.T. 0.006 min
 Lab File: BF131685.D
 Acq: 19 Dec 2022 12:13

Tgt Ion:149 Resp: 180
 Ion Ratio Lower Upper
 149 100
 167 0.0 20.8 31.2#
 279 0.0 3.3 4.9#

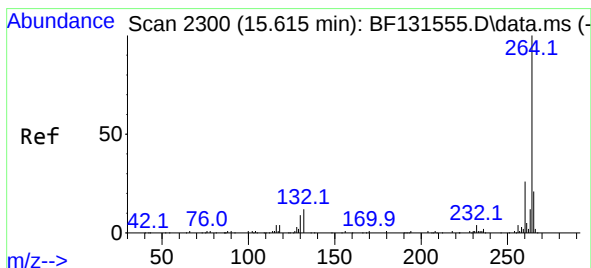
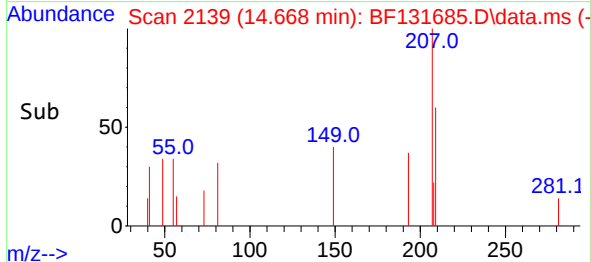
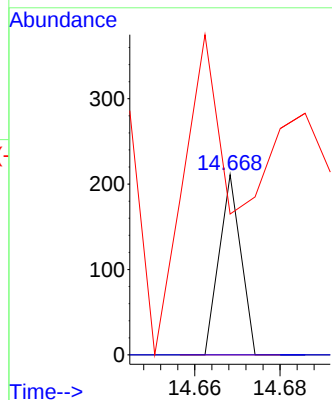
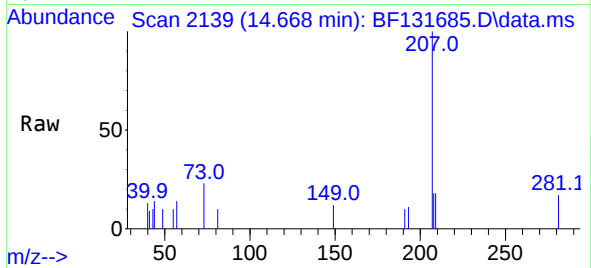




#85
Di-n-octyl phthalate
Concen: 5.226 ng
RT: 14.668 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BF131685.D
Acq: 19 Dec 2022 12:13

Instrument :
BNA_F
ClientSampleId :
PB149651TB

Tgt Ion:149 Resp: 74
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 432.4 8.6 13.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BF131685.D
Acq: 19 Dec 2022 12:13

Tgt Ion:264 Resp: 120696
Ion Ratio Lower Upper
264 100
260 25.1 20.6 30.8
265 21.2 16.8 25.2

