

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121022\
 Data File : BF131584.D
 Acq On : 10 Dec 2022 11:57
 Operator : CG\JU
 Sample : PB149515BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149515BL

Quant Time: Dec 12 06:00:09 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 09 06:08:27 2022
 Response via : Initial Calibration

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

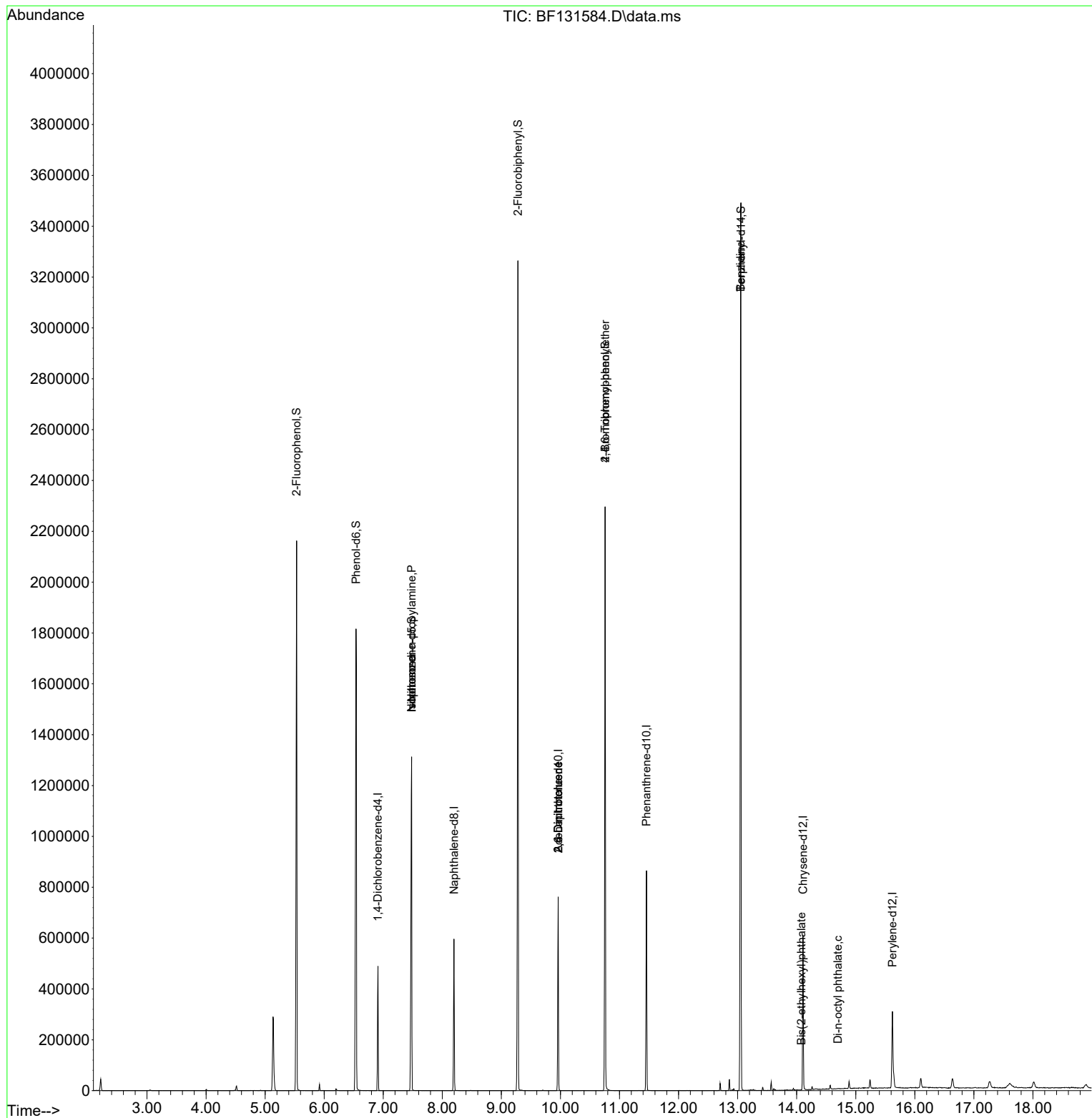
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	62417	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	227080	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	143493	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	293079	20.000	ng	0.00
76) Chrysene-d12	14.110	240	216562	20.000	ng	0.00
86) Perylene-d12	15.621	264	147934	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	532758	142.396	ng	0.02
7) Phenol-d6	6.540	99	690964	140.932	ng	0.00
23) Nitrobenzene-d5	7.481	82	489426	81.485	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	243260	152.586	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	916592	80.541	ng	0.00
79) Terphenyl-d14	13.057	244	1345535	85.208	ng	0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	69389	18.875	ng	# 77
25) Isophorone	7.481	82	489422	50.588	ng	# 69
51) 2,6-Dinitrotoluene	9.963	165	18439	8.165	ng	# 10
57) 2,4-Dinitrotoluene	9.963	165	18439	6.155	ng	# 16
67) 4-Bromophenyl-phenylether	10.757	248	16293	4.321	ng	# 1
77) Benzidine	13.051	184	20655	3.560	ng	# 91
84) Bis(2-ethylhexyl)phtha...	14.080	149	349	3.071	ng	# 58
85) Di-n-octyl phthalate	14.698	149	321	5.240	ng	# 1

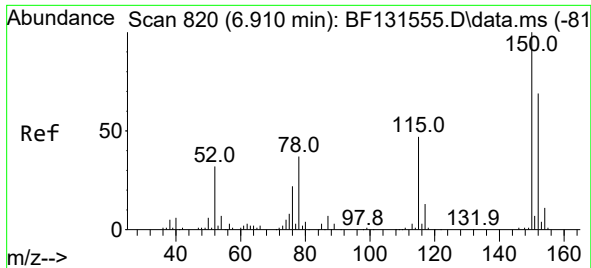
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121022\
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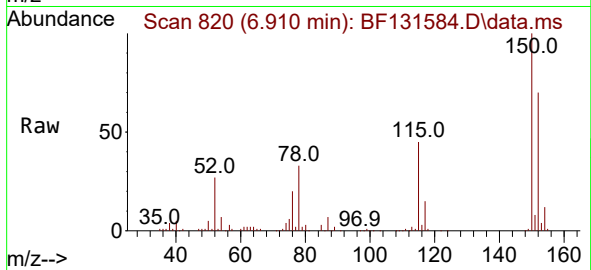
Quant Time: Dec 12 06:00:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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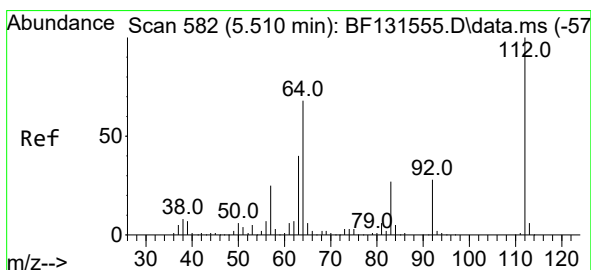
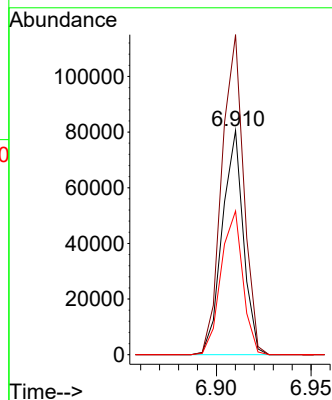
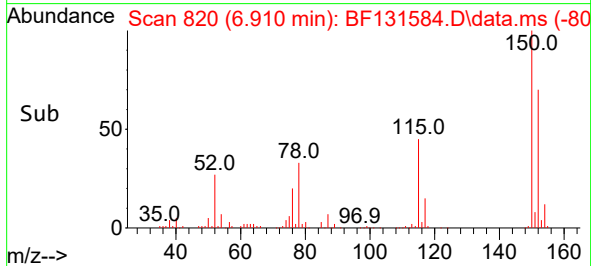


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131584.D
Acq: 10 Dec 2022 11:57

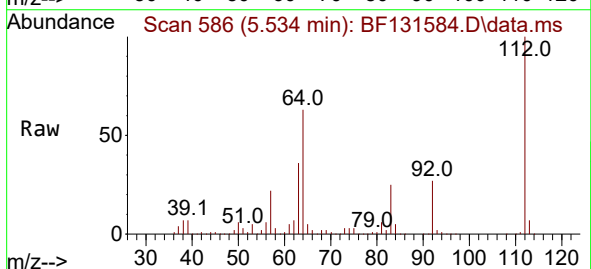
Instrument :
BNA_F
ClientSampleId :
PB149515BL



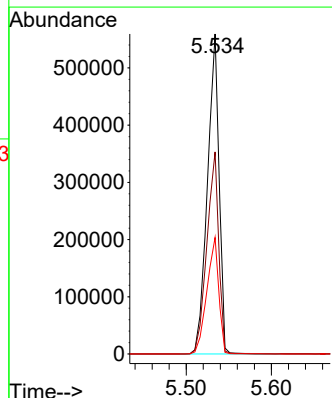
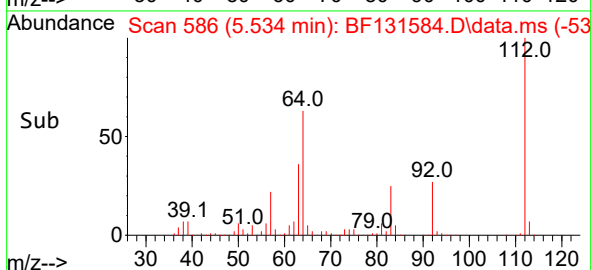
Tgt Ion:152 Resp: 62417
Ion Ratio Lower Upper
152 100
150 142.8 116.7 175.1
115 64.1 54.6 82.0

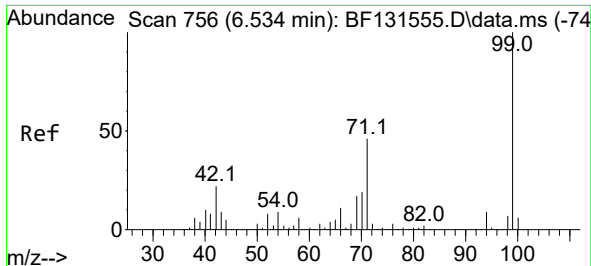


#5
2-Fluorophenol
Concen: 142.396 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.024 min
Lab File: BF131584.D
Acq: 10 Dec 2022 11:57



Tgt Ion:112 Resp: 532758
Ion Ratio Lower Upper
112 100
64 63.2 54.5 81.7
63 36.4 31.9 47.9

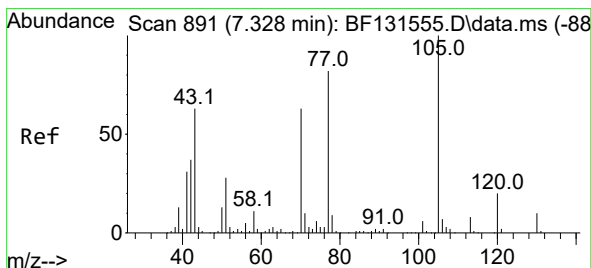
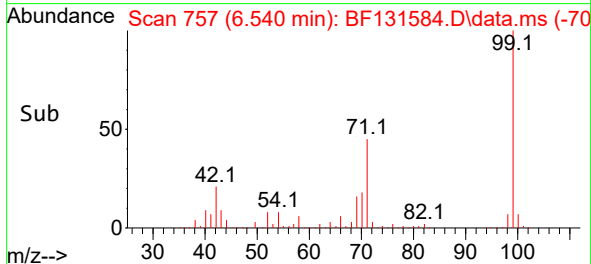
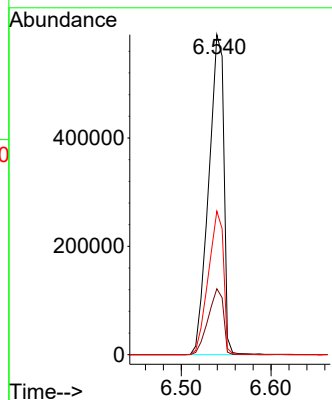
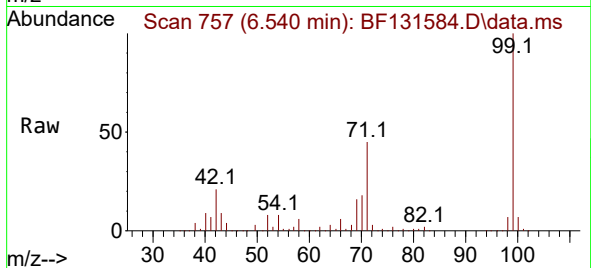




#7
Phenol-d6
Concen: 140.932 ng
RT: 6.540 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF131584.D
Acq: 10 Dec 2022 11:57

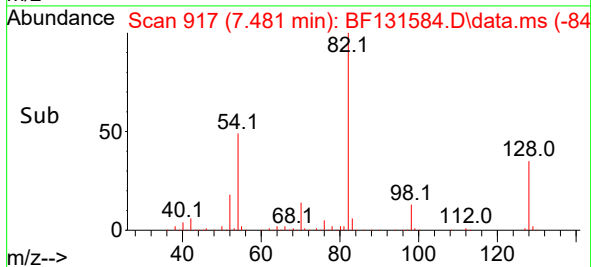
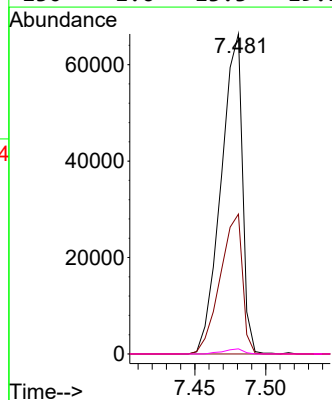
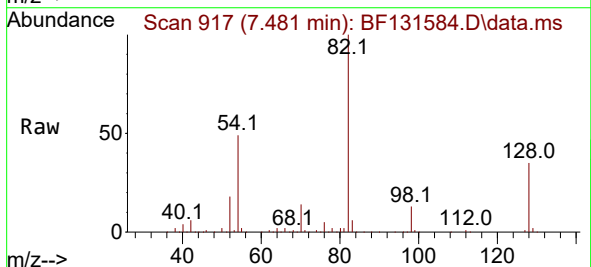
Instrument :
BNA_F
ClientSampleId :
PB149515BL

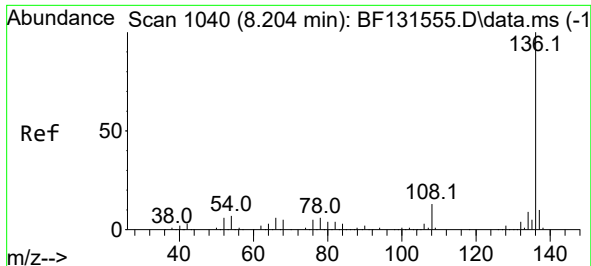
Tgt Ion: 99 Resp: 690964
Ion Ratio Lower Upper
99 100
42 20.6 17.9 26.9
71 44.9 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.875 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.153 min
Lab File: BF131584.D
Acq: 10 Dec 2022 11:57

Tgt Ion: 70 Resp: 69389
Ion Ratio Lower Upper
70 100
42 43.7 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: 8.198 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131584.D

Acq: 10 Dec 2022 11:57

Instrument :

BNA_F

ClientSampleId :

PB149515BL

Tgt Ion:136 Resp: 227080

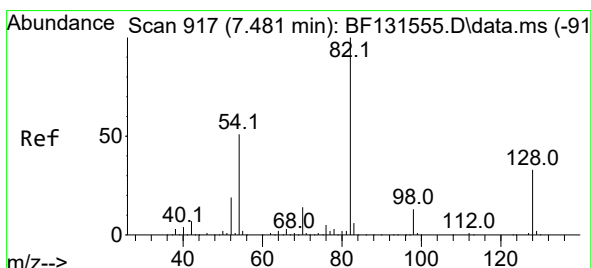
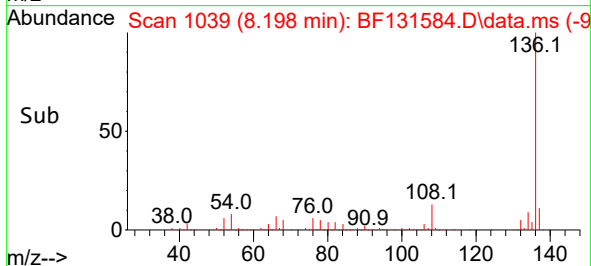
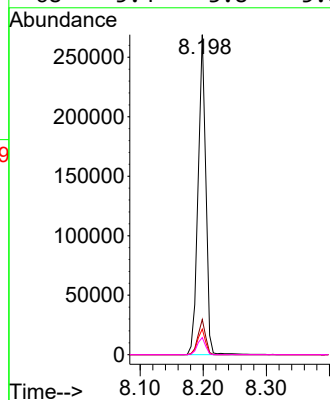
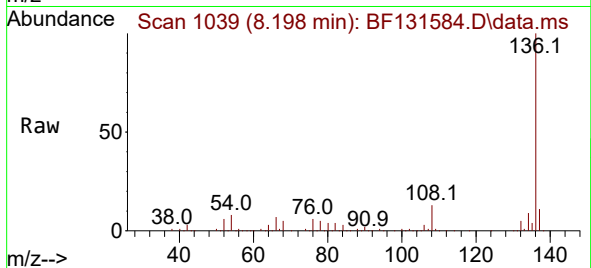
Ion Ratio Lower Upper

136 100

137 11.0 8.1 12.1

54 8.0 6.0 9.0

68 5.4 3.8 5.8



#23

Nitrobenzene-d5

Concen: 81.485 ng

RT: 7.481 min Scan# 917

Delta R.T. 0.000 min

Lab File: BF131584.D

Acq: 10 Dec 2022 11:57

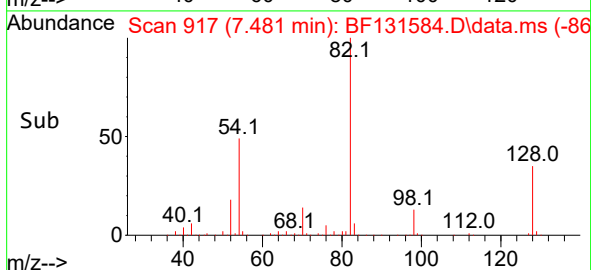
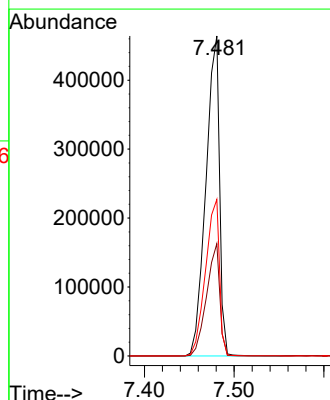
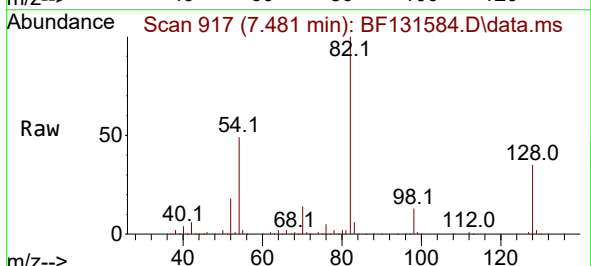
Tgt Ion: 82 Resp: 489426

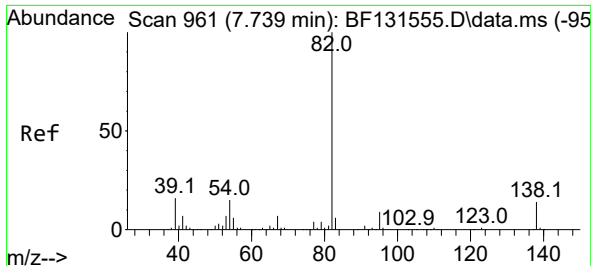
Ion Ratio Lower Upper

82 100

128 35.1 26.1 39.1

54 48.9 40.6 60.8

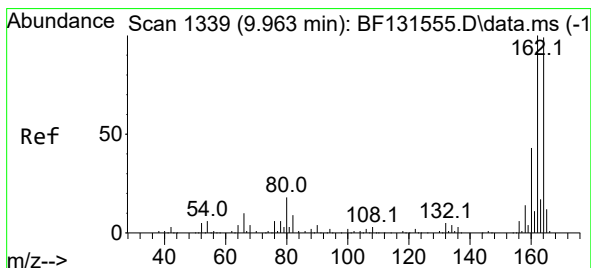
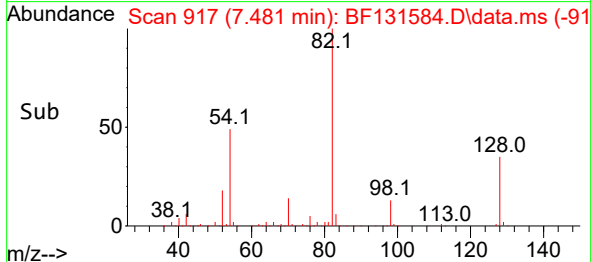
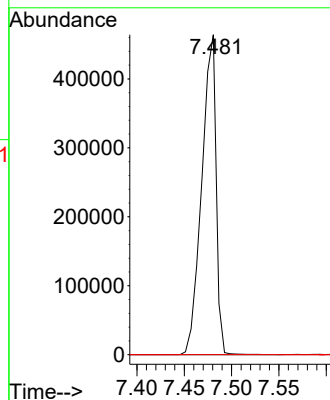
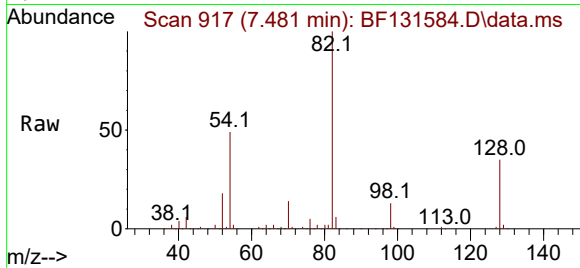




#25
Isophorone
Concen: 50.588 ng
RT: 7.481 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131584.D
Acq: 10 Dec 2022 11:57

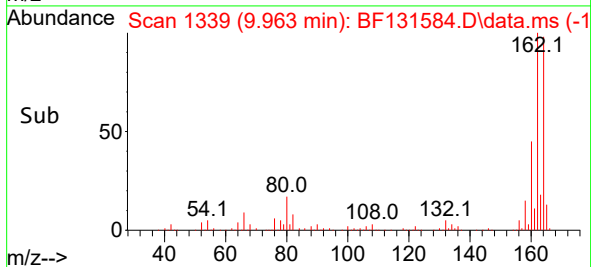
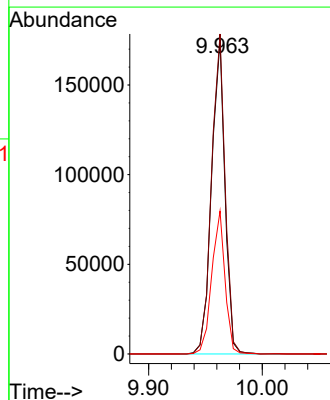
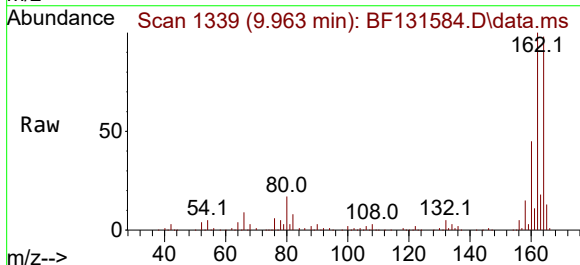
Instrument :
BNA_F
ClientSampleId :
PB149515BL

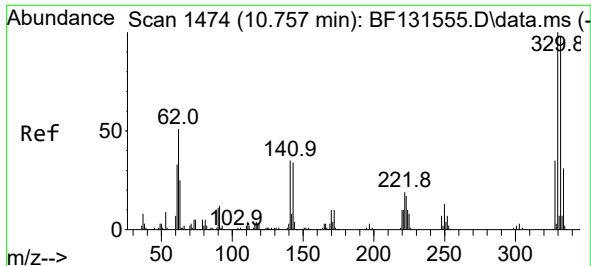
Tgt Ion: 82 Resp: 489422
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF131584.D
Acq: 10 Dec 2022 11:57

Tgt Ion:164 Resp: 143493
Ion Ratio Lower Upper
164 100
162 101.9 81.0 121.6
160 45.5 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 152.586 ng

RT: 10.757 min Scan# 1474

Delta R.T. 0.000 min

Lab File: BF131584.D

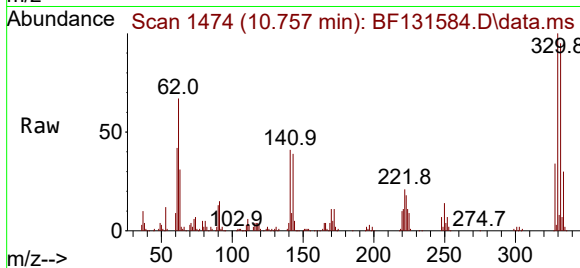
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Instrument :

BNA_F

ClientSampleId :

PB149515BL



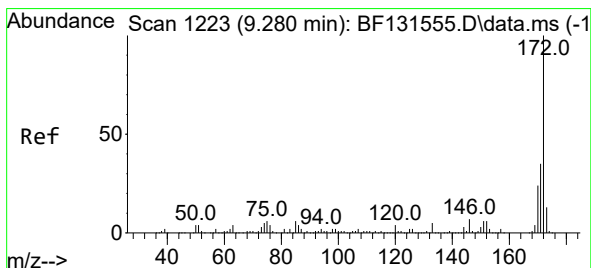
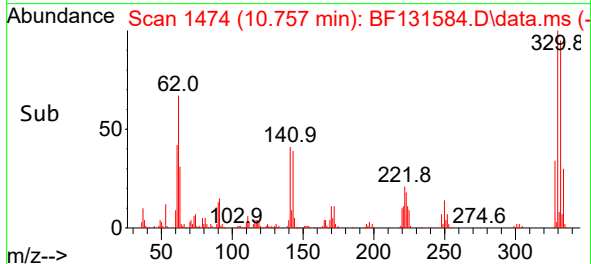
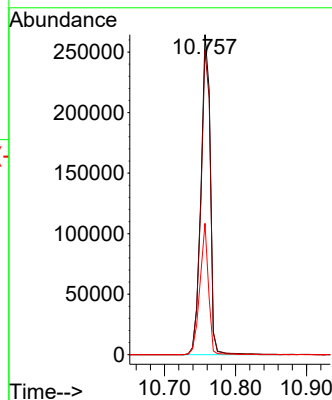
Tgt Ion:330 Resp: 243260

Ion Ratio Lower Upper

330 100

332 96.4 78.3 117.5

141 37.6 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 80.541 ng

RT: 9.281 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF131584.D

Acq: 10 Dec 2022 11:57

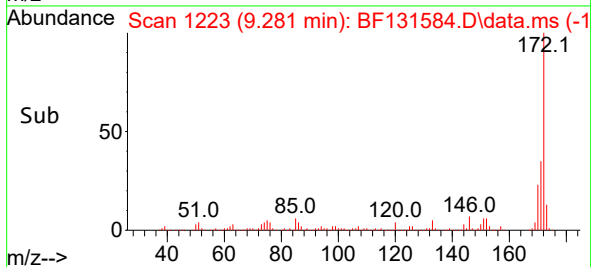
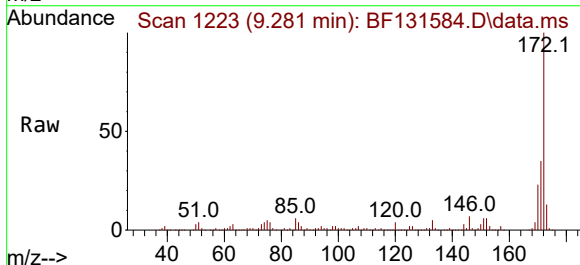
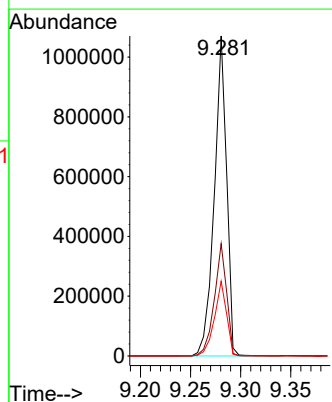
Tgt Ion:172 Resp: 916592

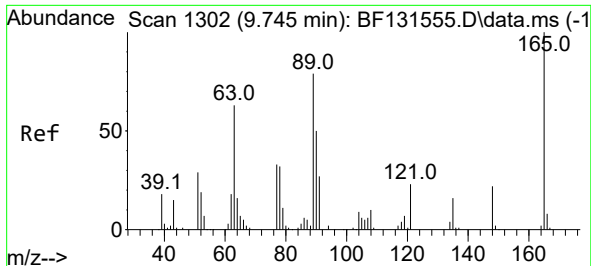
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.4 19.3 28.9

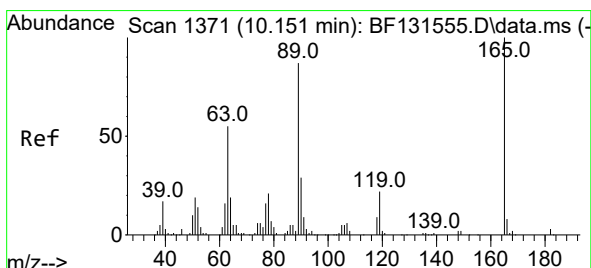
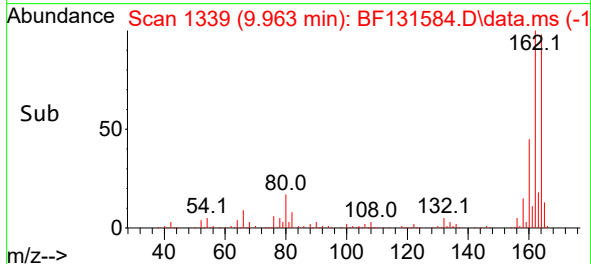
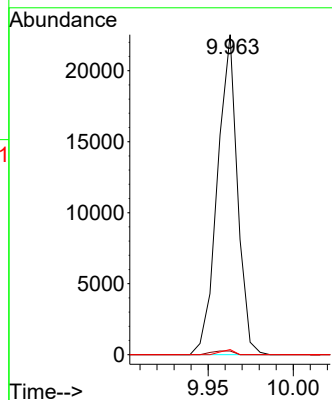
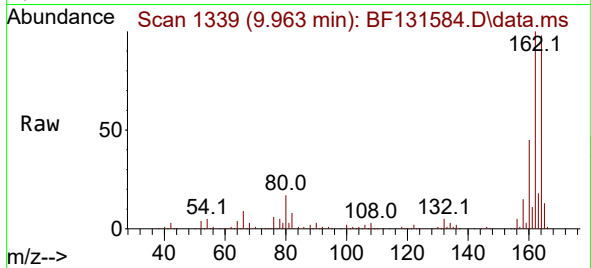




#51
2,6-Dinitrotoluene
Concen: 8.165 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.218 min
Lab File: BF131584.D
Acq: 10 Dec 2022 11:57

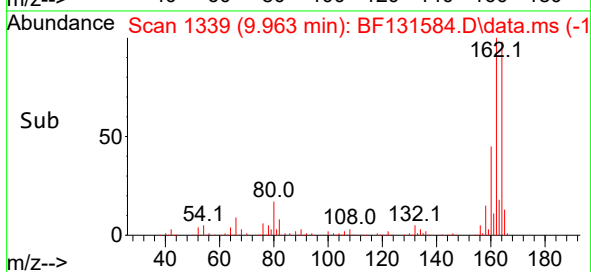
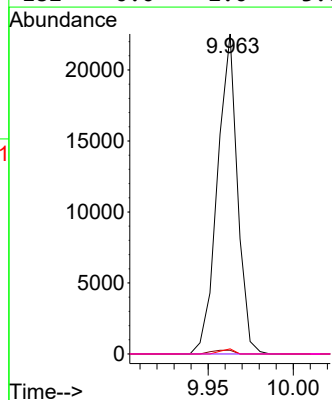
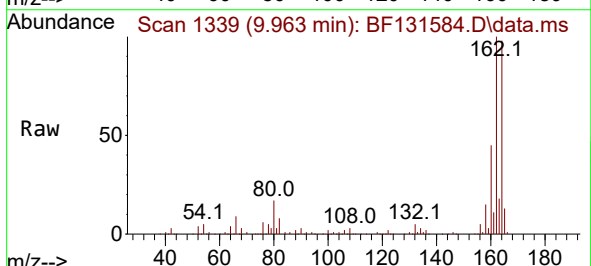
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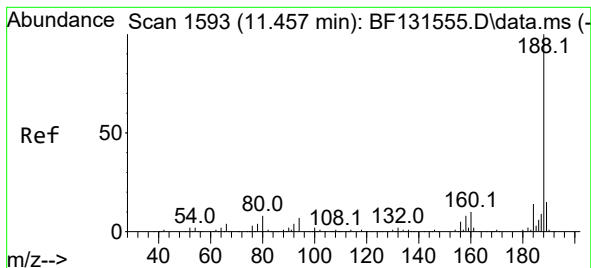
Tgt Ion:165 Resp: 18439
Ion Ratio Lower Upper
165 100
63 1.1 67.9 101.9#
89 1.6 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 6.155 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.188 min
Lab File: BF131584.D
Acq: 10 Dec 2022 11:57

Tgt Ion:165 Resp: 18439
Ion Ratio Lower Upper
165 100
63 1.1 44.4 66.6#
89 1.6 69.6 104.4#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.457 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131584.D

Acq: 10 Dec 2022 11:57

Instrument :

BNA_F

ClientSampleId :

PB149515BL

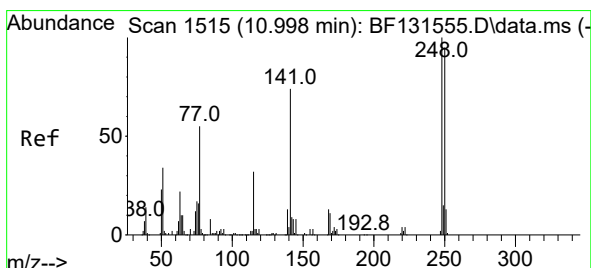
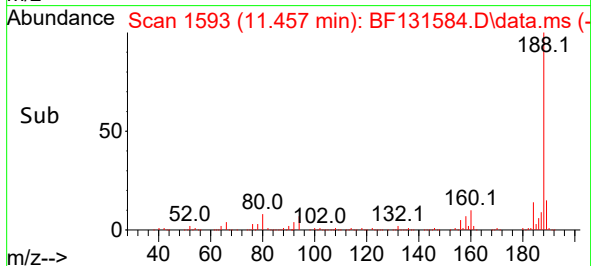
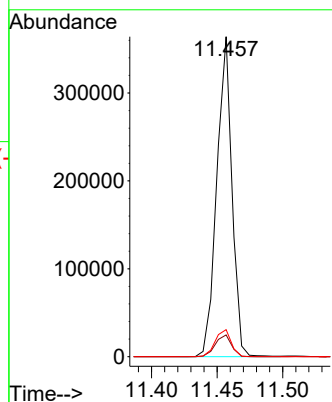
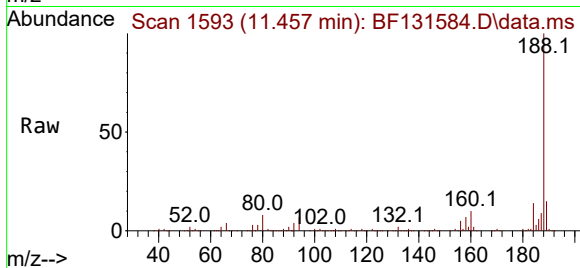
Tgt Ion:188 Resp: 293079

Ion Ratio Lower Upper

188 100

94 6.8 5.5 8.3

80 8.5 6.6 10.0



#67

4-Bromophenyl-phenylether

Concen: 4.321 ng

RT: 10.757 min Scan# 1474

Delta R.T. -0.241 min

Lab File: BF131584.D

Acq: 10 Dec 2022 11:57

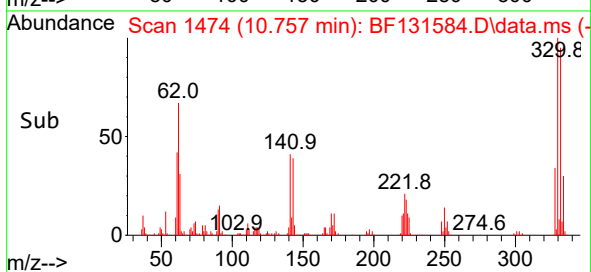
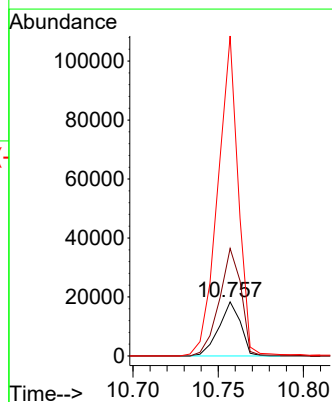
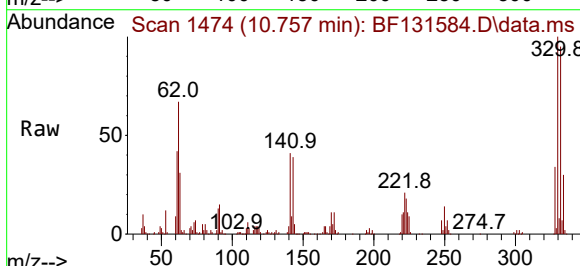
Tgt Ion:248 Resp: 16293

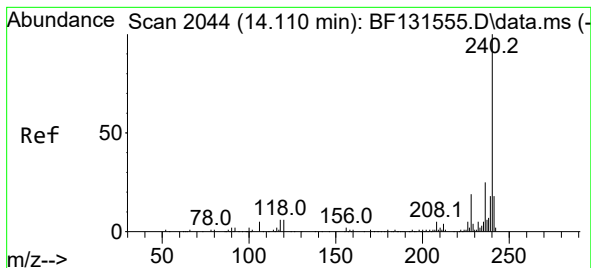
Ion Ratio Lower Upper

248 100

250 198.6 76.2 114.2#

141 591.1 59.5 89.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.110 min Scan# 2044

Delta R.T. -0.000 min

Lab File: BF131584.D

Acq: 10 Dec 2022 11:57

Instrument :

BNA_F

ClientSampleId :

PB149515BL

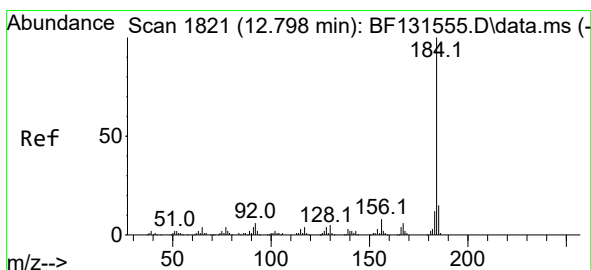
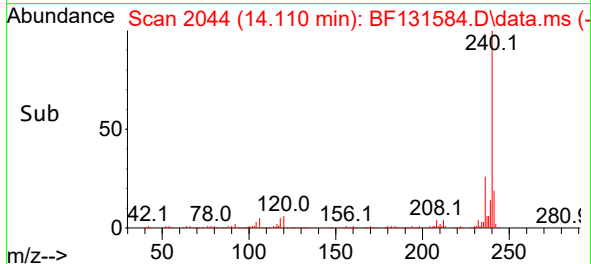
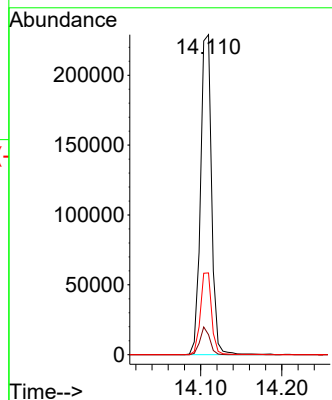
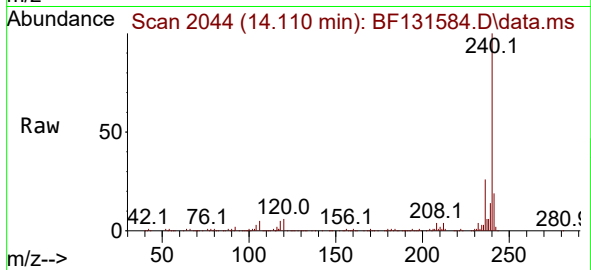
Tgt Ion:240 Resp: 216562

Ion Ratio Lower Upper

240 100

120 6.2 4.6 7.0

236 25.6 20.2 30.2



#77

Benzidine

Concen: 3.560 ng

RT: 13.051 min Scan# 1864

Delta R.T. 0.253 min

Lab File: BF131584.D

Acq: 10 Dec 2022 11:57

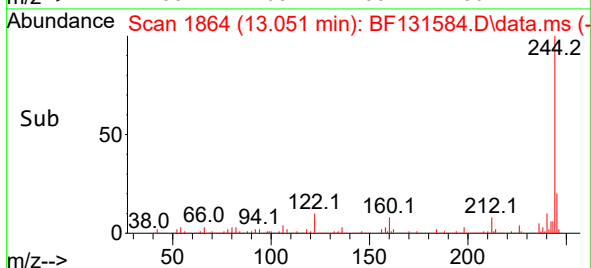
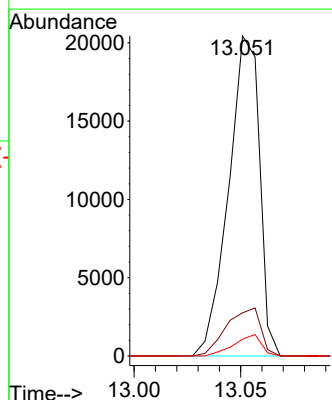
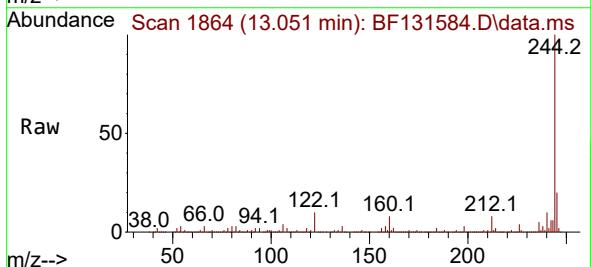
Tgt Ion:184 Resp: 20655

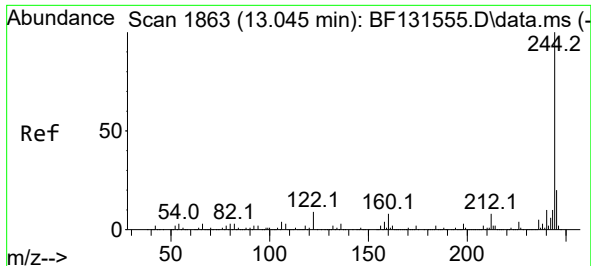
Ion Ratio Lower Upper

184 100

185 13.5 12.2 18.2

183 5.3 9.3 13.9#

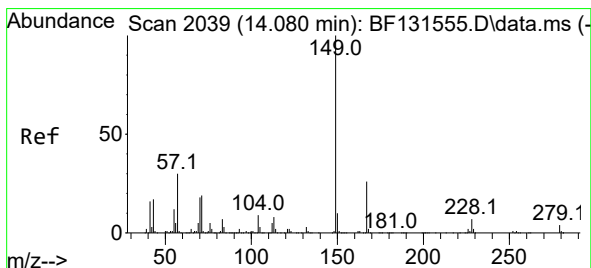
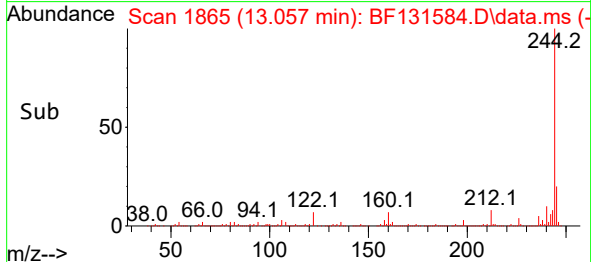
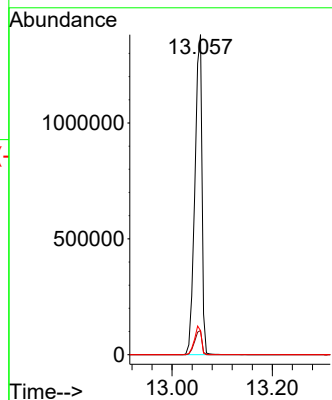
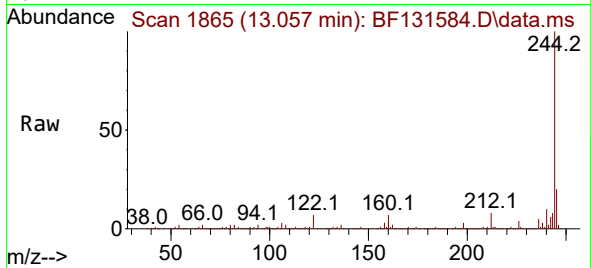




#79
 Terphenyl-d14
 Concen: 85.208 ng
 RT: 13.057 min Scan# 1865
 Delta R.T. 0.012 min
 Lab File: BF131584.D
 Acq: 10 Dec 2022 11:57

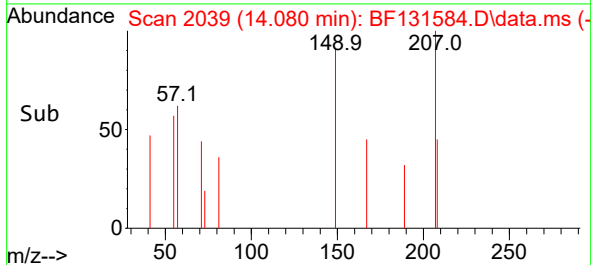
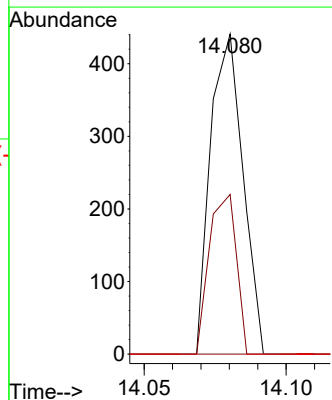
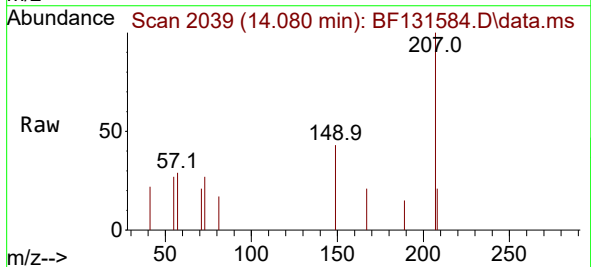
Instrument :
 BNA_F
 ClientSampleId :
 PB149515BL

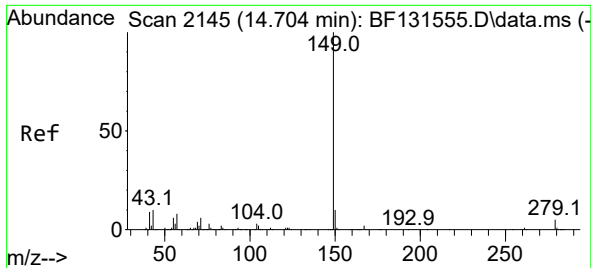
Tgt Ion:244 Resp: 1345535
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 7.5 7.1 10.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.071 ng
 RT: 14.080 min Scan# 2039
 Delta R.T. 0.000 min
 Lab File: BF131584.D
 Acq: 10 Dec 2022 11:57

Tgt Ion:149 Resp: 349
 Ion Ratio Lower Upper
 149 100
 167 49.9 20.8 31.2#
 279 0.0 3.3 4.9#

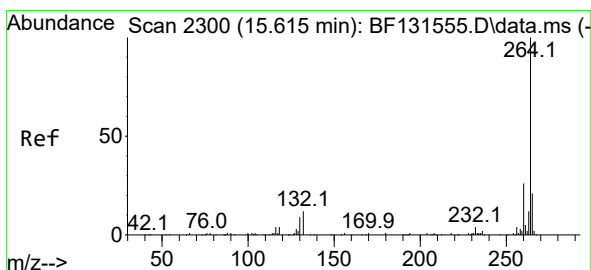
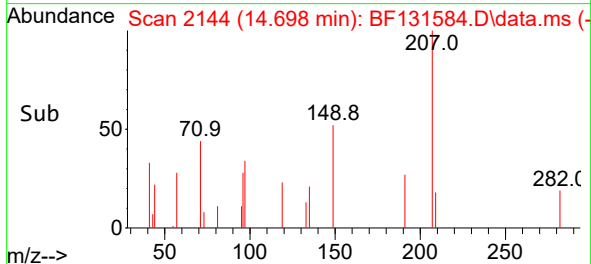
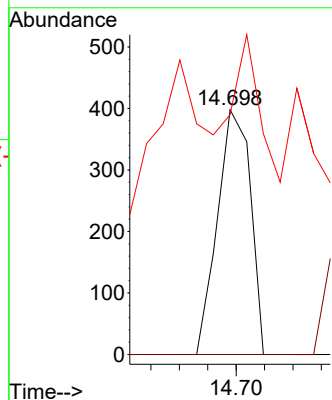
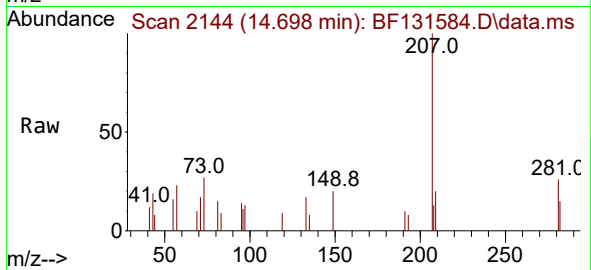




#85
Di-n-octyl phthalate
Concen: 5.240 ng
RT: 14.698 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BF131584.D
Acq: 10 Dec 2022 11:57

Instrument :
BNA_F
ClientSampleId :
PB149515BL

Tgt Ion:149 Resp: 321
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 59.8 8.6 13.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2301
Delta R.T. 0.006 min
Lab File: BF131584.D
Acq: 10 Dec 2022 11:57

Tgt Ion:264 Resp: 147934
Ion Ratio Lower Upper
264 100
260 23.7 20.6 30.8
265 20.9 16.8 25.2

