

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120822\
 Data File : BF131560.D
 Acq On : 08 Dec 2022 17:15
 Operator : CG\JU
 Sample : PB149479BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149479BL

Quant Time: Dec 09 06:27:49 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)

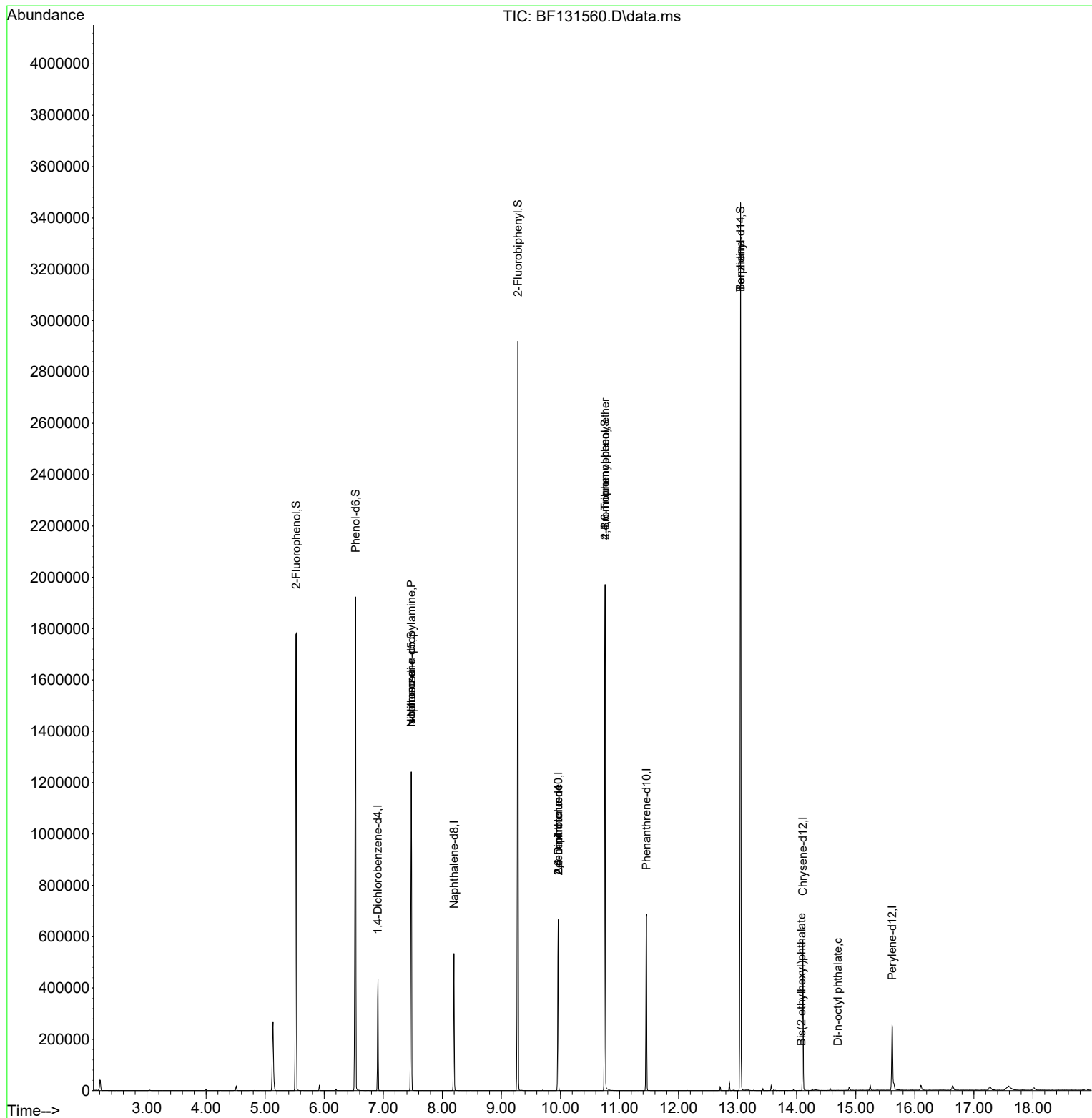
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	54632	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	200709	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	126792	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	257717	20.000	ng	0.00
76) Chrysene-d12	14.104	240	190140	20.000	ng	# 0.00
86) Perylene-d12	15.615	264	129671	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	489014	149.329	ng	0.02
7) Phenol-d6	6.534	99	620805	144.666	ng	0.00
23) Nitrobenzene-d5	7.475	82	446835	84.169	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	207653	147.408	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	827398	82.280	ng	0.00
79) Terphenyl-d14	13.051	244	1192867	86.037	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.475	70	64014	19.894	ng	# 81
25) Isophorone	7.475	82	446831	52.254	ng	# 69
51) 2,6-Dinitrotoluene	9.963	165	16195	8.116	ng	# 10
57) 2,4-Dinitrotoluene	9.963	165	16195	6.118	ng	# 16
67) 4-Bromophenyl-phenylether	10.757	248	14175	4.276	ng	# 1
77) Benzidine	13.051	184	18338	3.600	ng	# 92
84) Bis(2-ethylhexyl)phtha...	14.080	149	170	3.054	ng	# 54
85) Di-n-octyl phthalate	14.698	149	209	5.234	ng	# 74

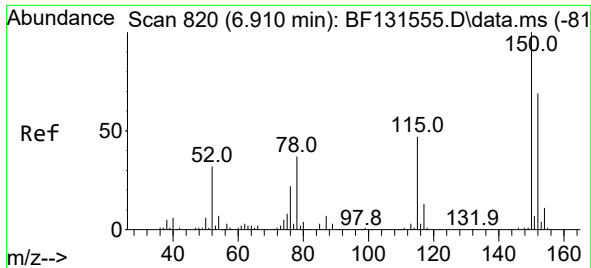
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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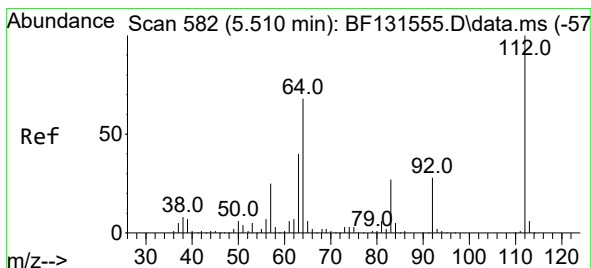
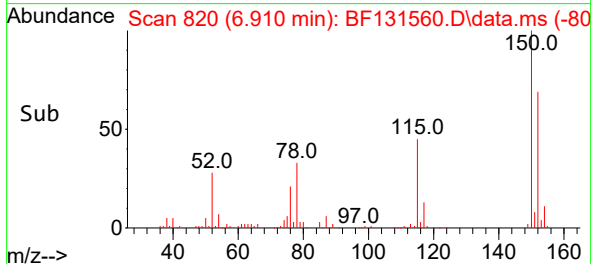
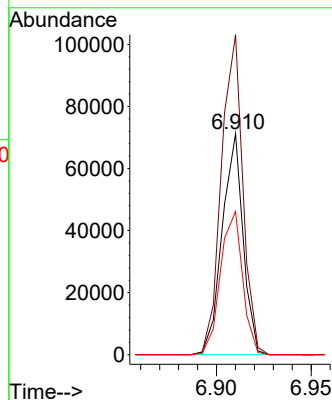
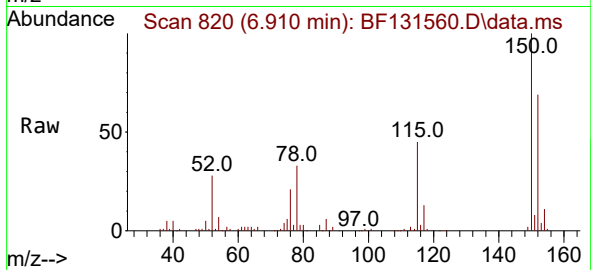




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131560.D
Acq: 08 Dec 2022 17:15

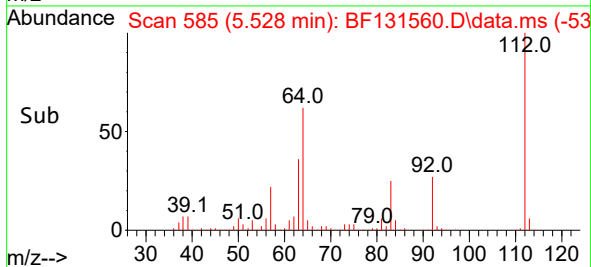
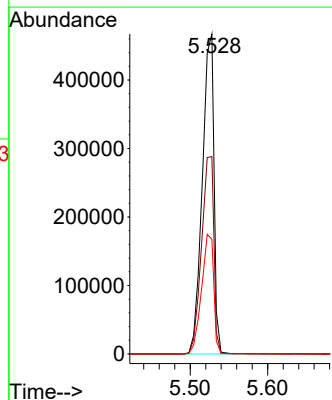
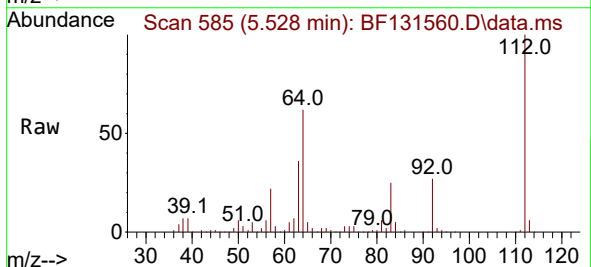
Instrument :
BNA_F
ClientSampleId :
PB149479BL

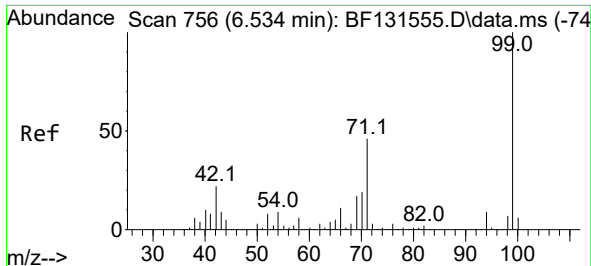
Tgt Ion:152 Resp: 54632
Ion Ratio Lower Upper
152 100
150 144.8 116.7 175.1
115 64.8 54.6 82.0



#5
2-Fluorophenol
Concen: 149.329 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF131560.D
Acq: 08 Dec 2022 17:15

Tgt Ion:112 Resp: 489014
Ion Ratio Lower Upper
112 100
64 61.7 54.5 81.7
63 35.8 31.9 47.9

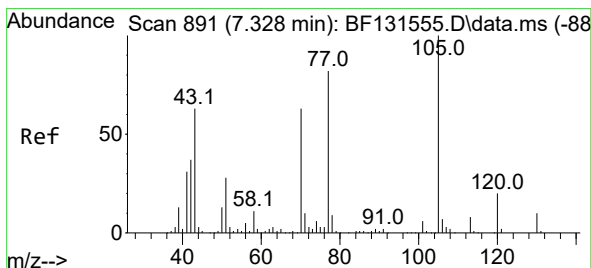
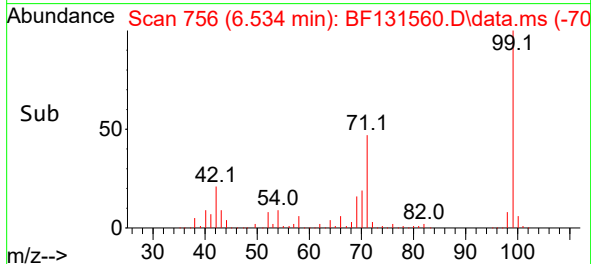
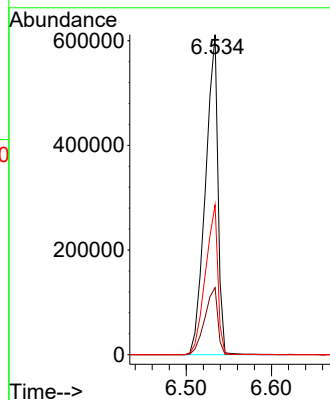
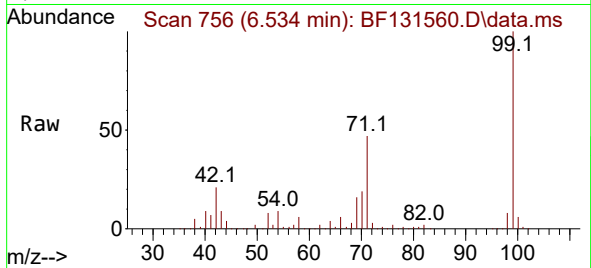




#7
Phenol-d6
Concen: 144.666 ng
RT: 6.534 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131560.D
Acq: 08 Dec 2022 17:15

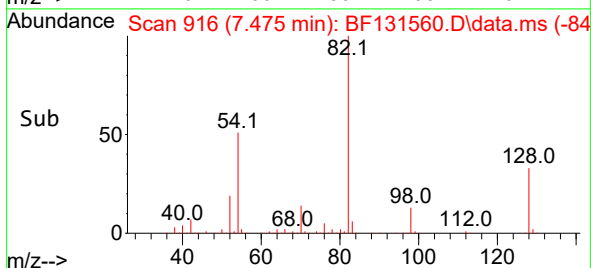
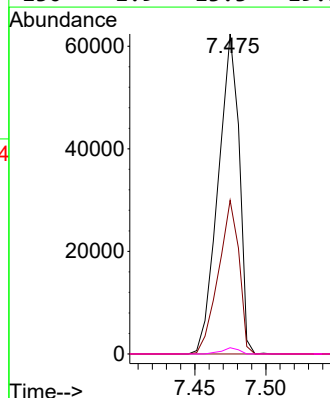
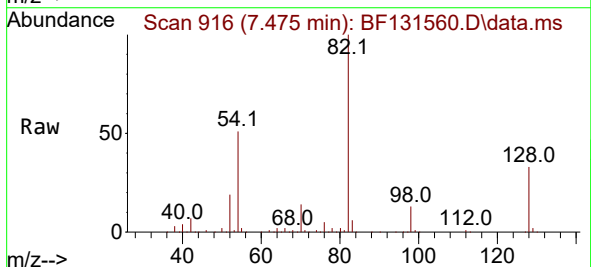
Instrument :
BNA_F
ClientSampleId :
PB149479BL

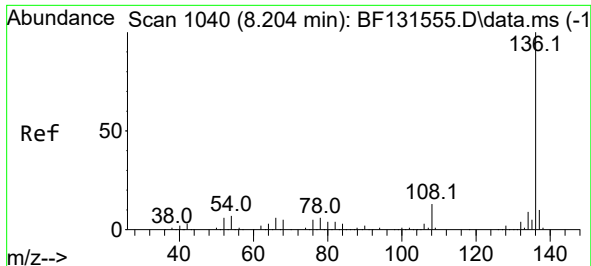
Tgt Ion: 99 Resp: 620805
Ion Ratio Lower Upper
99 100
42 20.9 17.9 26.9
71 46.8 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.894 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF131560.D
Acq: 08 Dec 2022 17:15

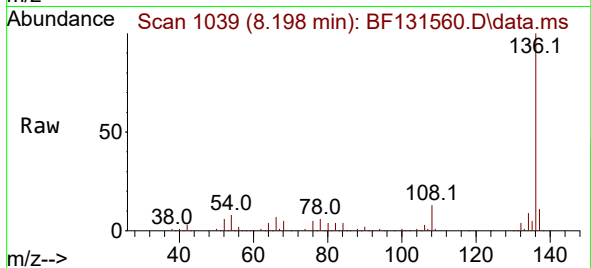
Tgt Ion: 70 Resp: 64014
Ion Ratio Lower Upper
70 100
42 48.0 46.4 69.6
101 0.0 7.2 10.8#
130 1.9 13.3 19.9#



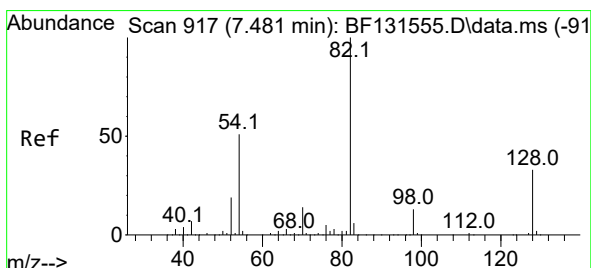
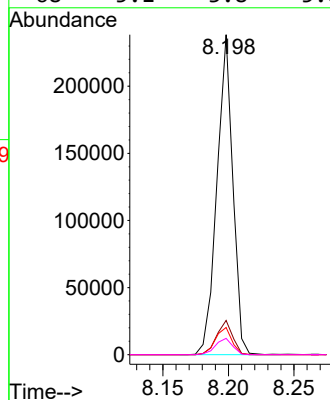
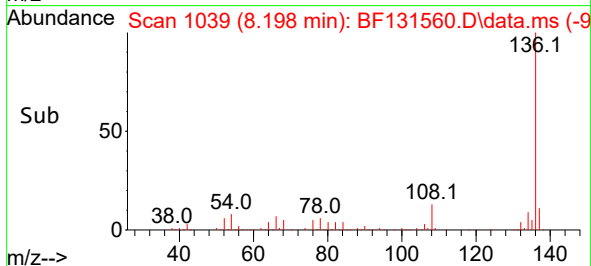


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131560.D
Acq: 08 Dec 2022 17:15

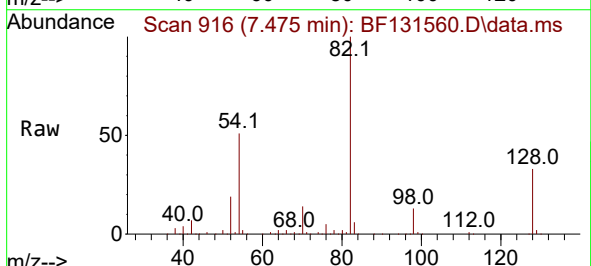
Instrument :
BNA_F
ClientSampleId :
PB149479BL



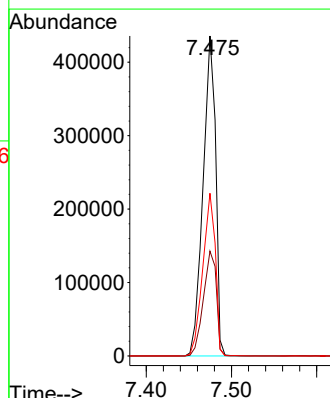
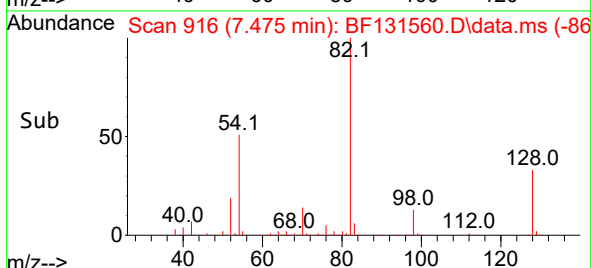
Tgt Ion:136 Resp: 200709
Ion Ratio Lower Upper
136 100
137 10.7 8.1 12.1
54 8.5 6.0 9.0
68 5.1 3.8 5.8

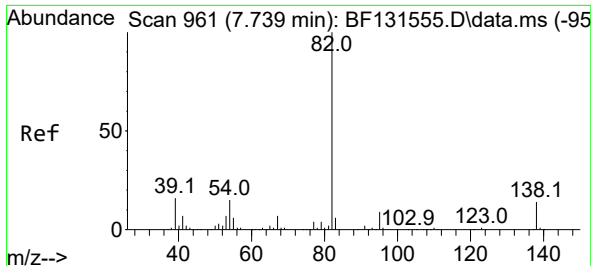


#23
Nitrobenzene-d5
Concen: 84.169 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF131560.D
Acq: 08 Dec 2022 17:15



Tgt Ion: 82 Resp: 446835
Ion Ratio Lower Upper
82 100
128 32.8 26.1 39.1
54 50.9 40.6 60.8

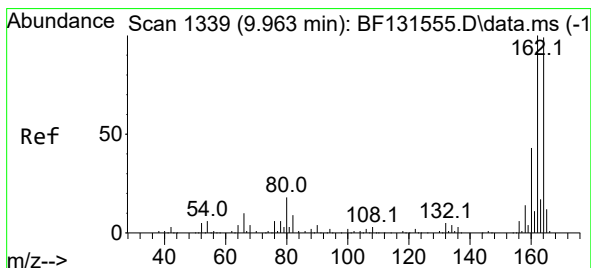
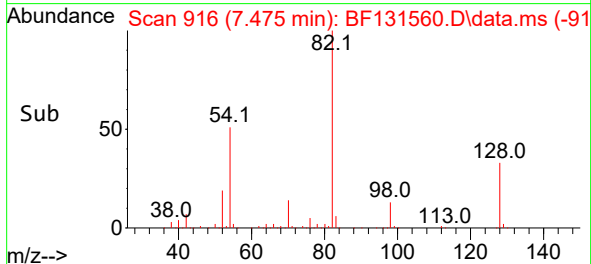
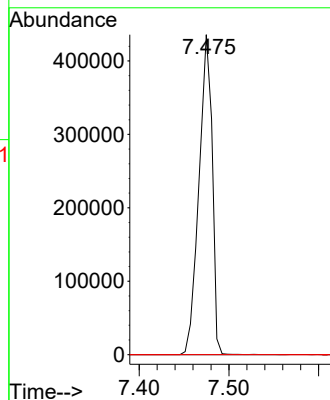
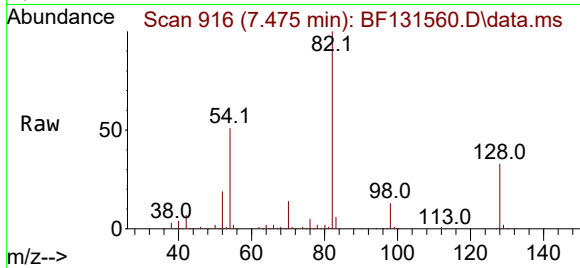




#25
Isophorone
Concen: 52.254 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.265 min
Lab File: BF131560.D
Acq: 08 Dec 2022 17:15

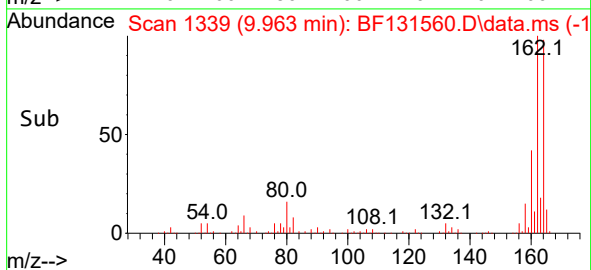
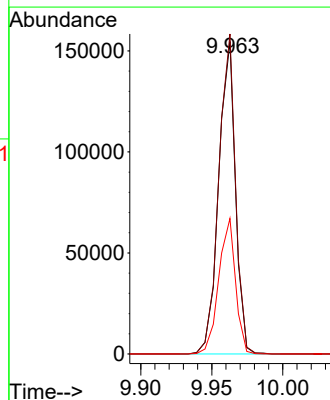
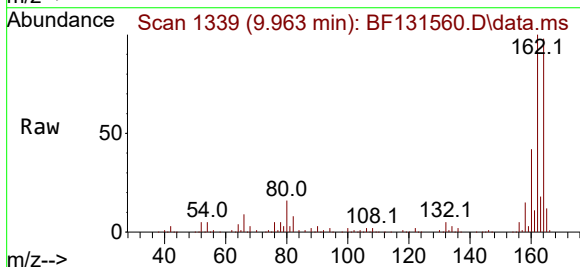
Instrument :
BNA_F
ClientSampleId :
PB149479BL

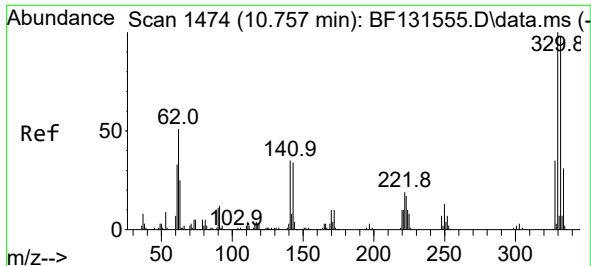
Tgt Ion: 82 Resp: 446831
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF131560.D
Acq: 08 Dec 2022 17:15

Tgt Ion:164 Resp: 126792
Ion Ratio Lower Upper
164 100
162 102.4 81.0 121.6
160 43.4 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 147.408 ng

RT: 10.757 min Scan# 1474

Delta R.T. 0.000 min

Lab File: BF131560.D

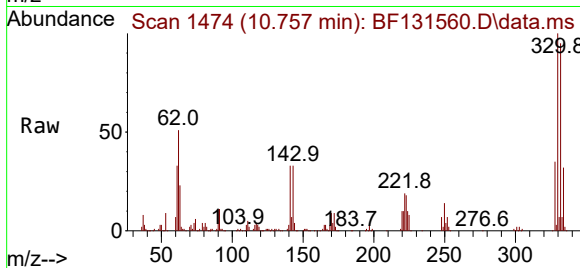
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Instrument :

BNA_F

ClientSampleId :

PB149479BL



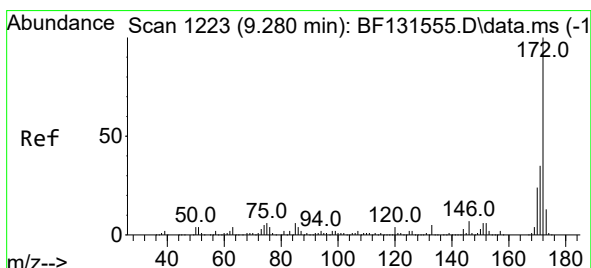
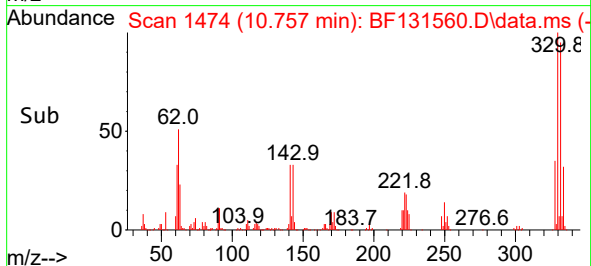
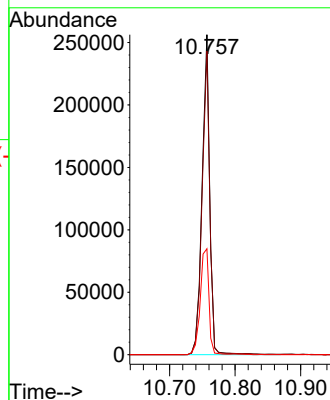
Tgt Ion:330 Resp: 207653

Ion Ratio Lower Upper

330 100

332 95.9 78.3 117.5

141 37.7 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 82.280 ng

RT: 9.281 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF131560.D

Acq: 08 Dec 2022 17:15

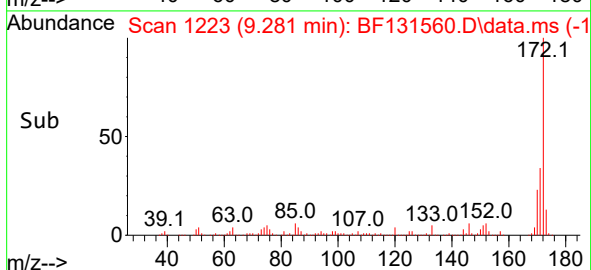
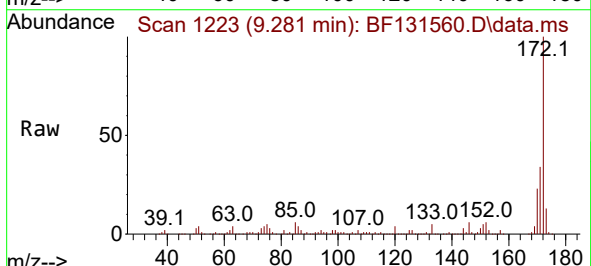
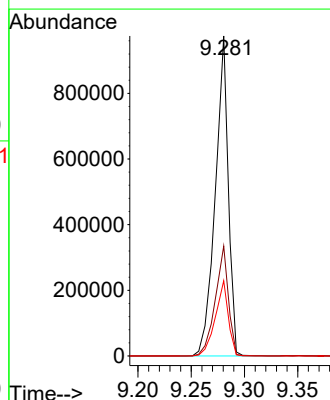
Tgt Ion:172 Resp: 827398

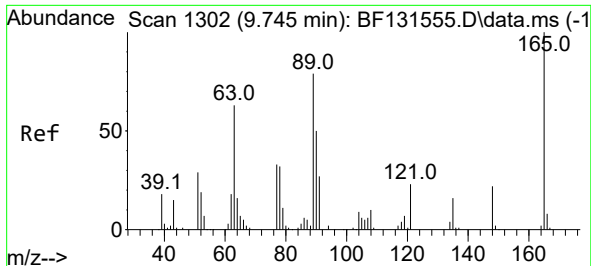
Ion Ratio Lower Upper

172 100

171 34.4 28.3 42.5

170 23.5 19.3 28.9

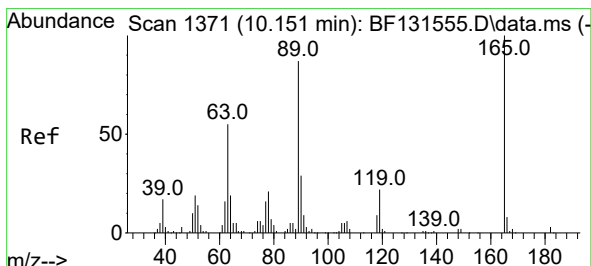
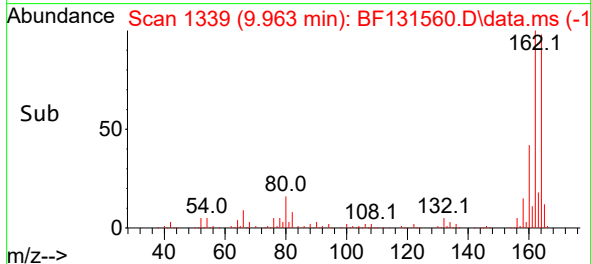
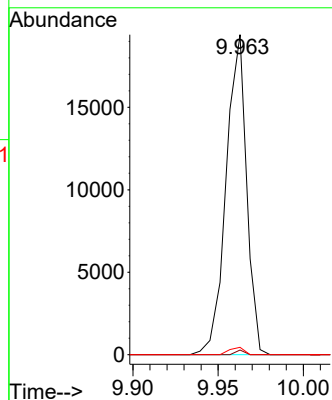
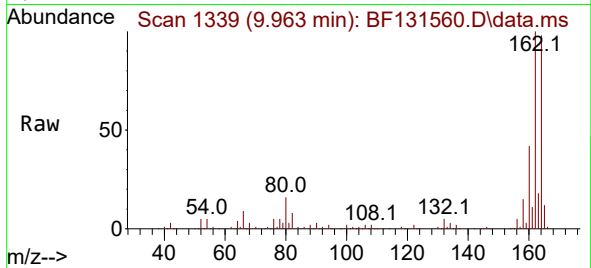




#51
2,6-Dinitrotoluene
Concen: 8.116 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.218 min
Lab File: BF131560.D
Acq: 08 Dec 2022 17:15

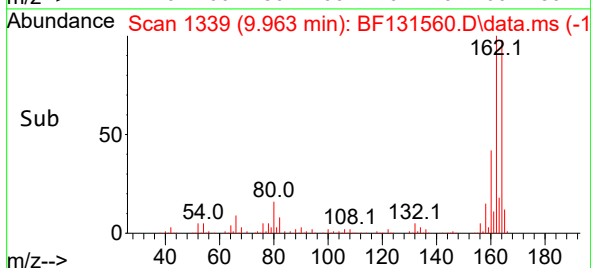
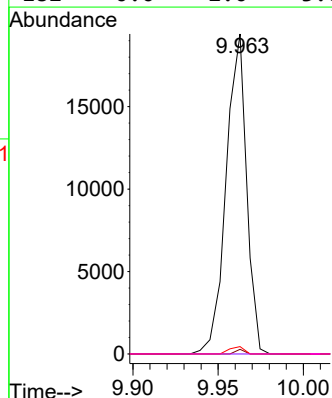
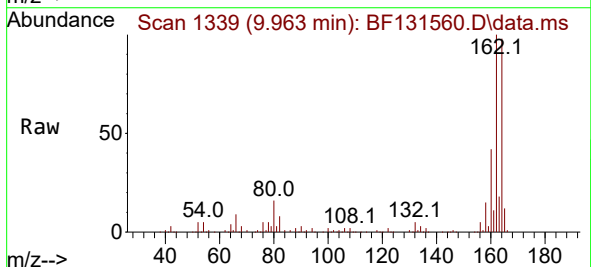
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BNA_F
ClientSampleId :
PB149479BL

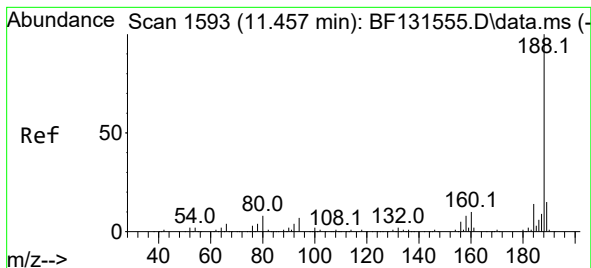
Tgt Ion:165 Resp: 16195
Ion Ratio Lower Upper
165 100
63 1.4 67.9 101.9#
89 2.3 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 6.118 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.188 min
Lab File: BF131560.D
Acq: 08 Dec 2022 17:15

Tgt Ion:165 Resp: 16195
Ion Ratio Lower Upper
165 100
63 1.4 44.4 66.6#
89 2.3 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: BF131560.D

Acq: 08 Dec 2022 17:15

Instrument :

BNA_F

ClientSampleId :

PB149479BL

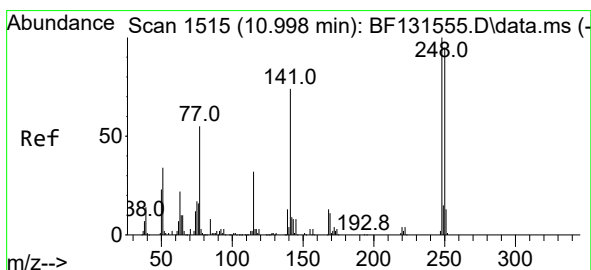
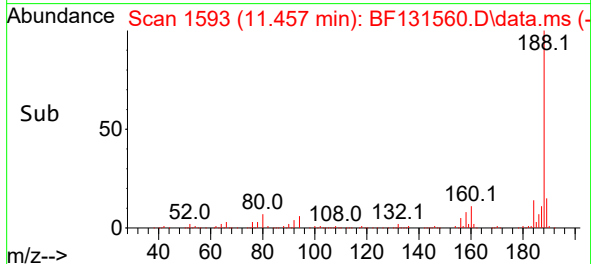
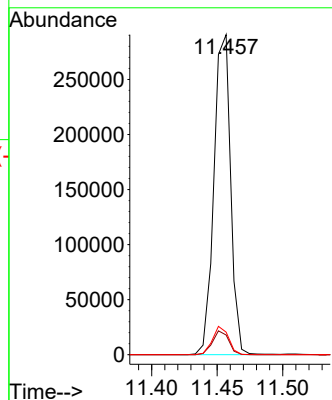
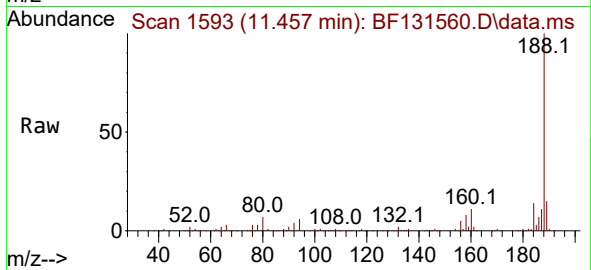
Tgt Ion:188 Resp: 257717

Ion Ratio Lower Upper

188 100

94 6.1 5.5 8.3

80 7.0 6.6 10.0



#67

4-Bromophenyl-phenylether

Concen: 4.276 ng

RT: 10.757 min Scan# 1474

Delta R.T. -0.241 min

Lab File: BF131560.D

Acq: 08 Dec 2022 17:15

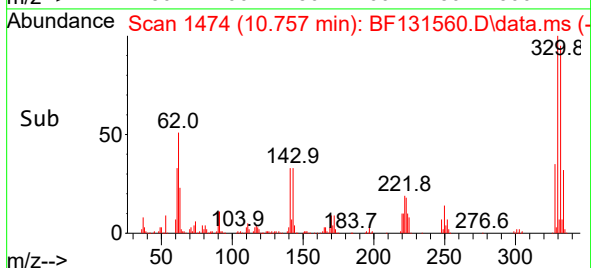
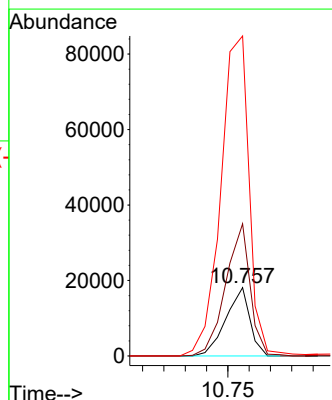
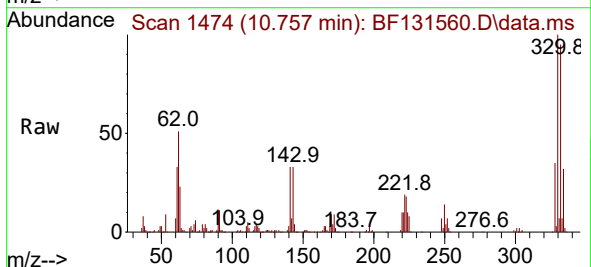
Tgt Ion:248 Resp: 14175

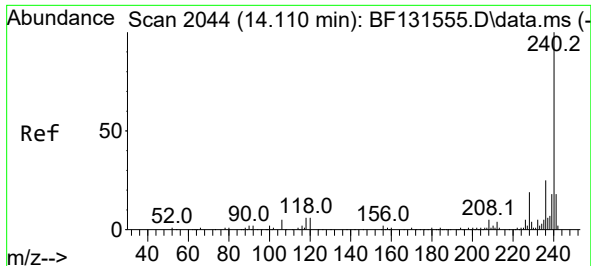
Ion Ratio Lower Upper

248 100

250 193.4 76.2 114.2#

141 468.2 59.5 89.3#

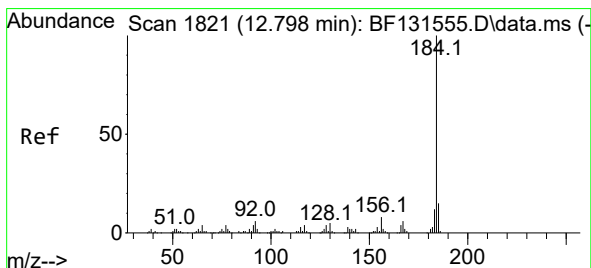
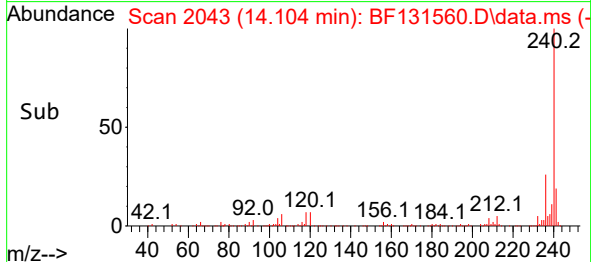
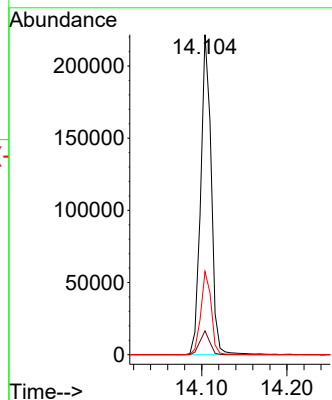
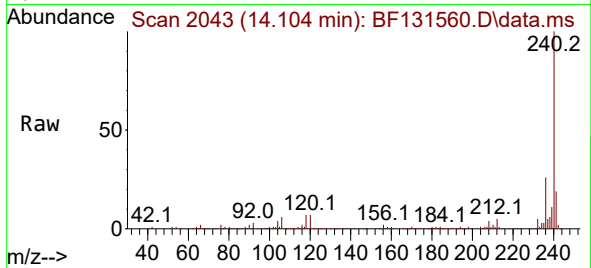




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BF131560.D
Acq: 08 Dec 2022 17:15

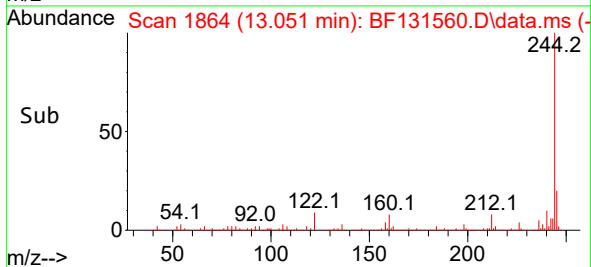
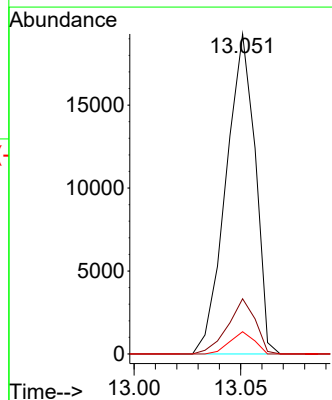
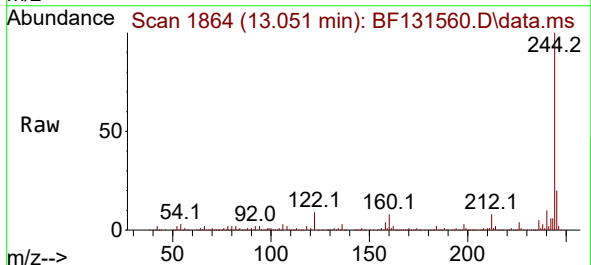
Instrument :
BNA_F
ClientSampleId :
PB149479BL

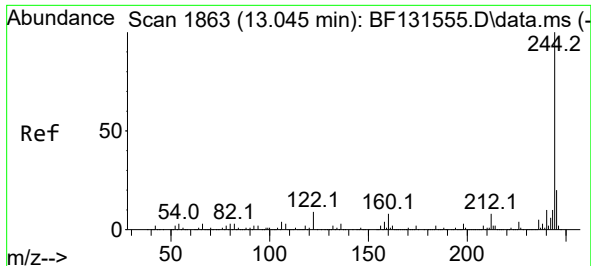
Tgt Ion:240 Resp: 190140
Ion Ratio Lower Upper
240 100
120 7.4 4.6 7.0#
236 26.0 20.2 30.2



#77
Benzidine
Concen: 3.600 ng
RT: 13.051 min Scan# 1864
Delta R.T. 0.253 min
Lab File: BF131560.D
Acq: 08 Dec 2022 17:15

Tgt Ion:184 Resp: 18338
Ion Ratio Lower Upper
184 100
185 17.2 12.2 18.2
183 6.9 9.3 13.9#

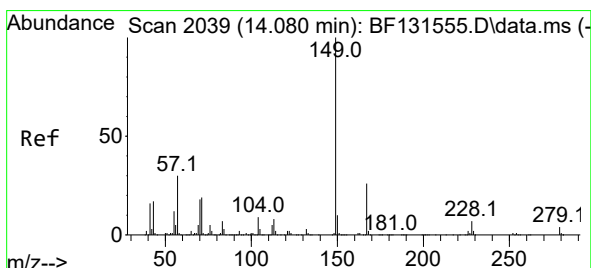
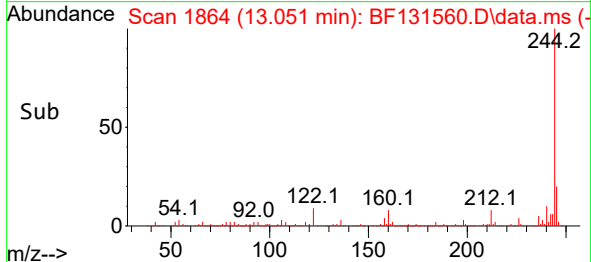
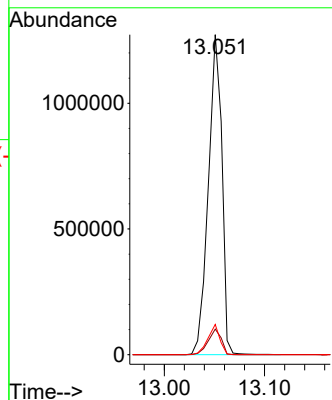
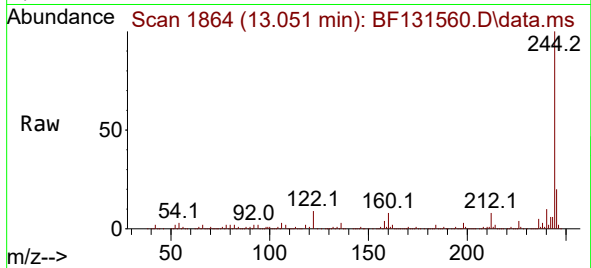




#79
 Terphenyl-d14
 Concen: 86.037 ng
 RT: 13.051 min Scan# 1864
 Delta R.T. 0.006 min
 Lab File: BF131560.D
 Acq: 08 Dec 2022 17:15

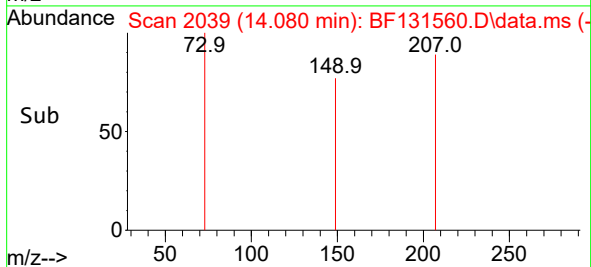
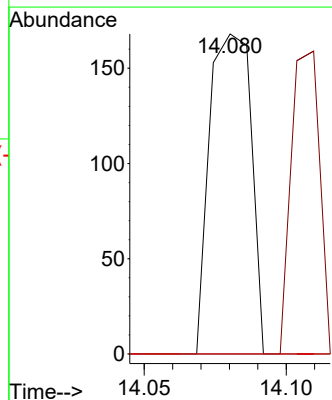
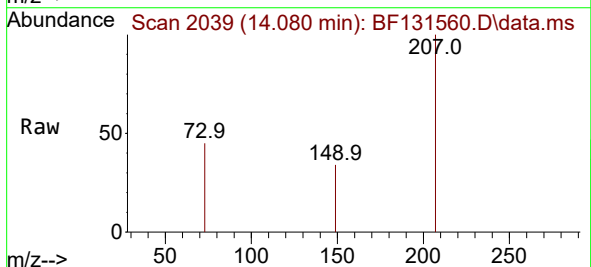
Instrument :
 BNA_F
 ClientSampleId :
 PB149479BL

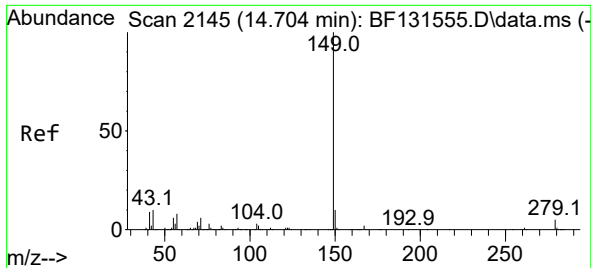
Tgt Ion:244 Resp: 1192867
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 9.5 7.1 10.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.054 ng
 RT: 14.080 min Scan# 2039
 Delta R.T. 0.000 min
 Lab File: BF131560.D
 Acq: 08 Dec 2022 17:15

Tgt Ion:149 Resp: 170
 Ion Ratio Lower Upper
 149 100
 167 0.0 20.8 31.2#
 279 0.0 3.3 4.9#

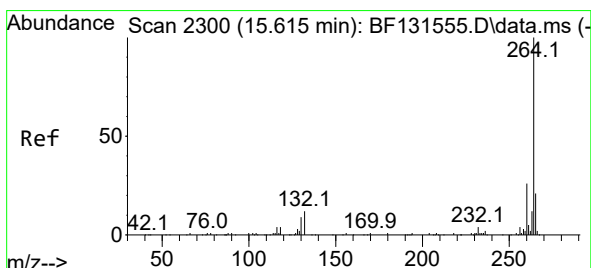
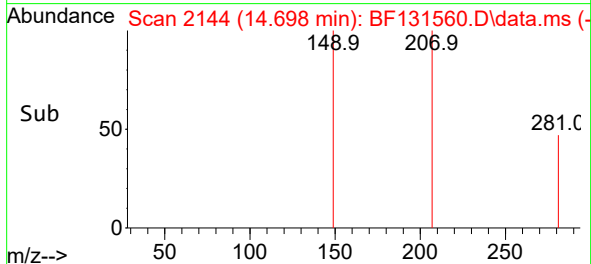
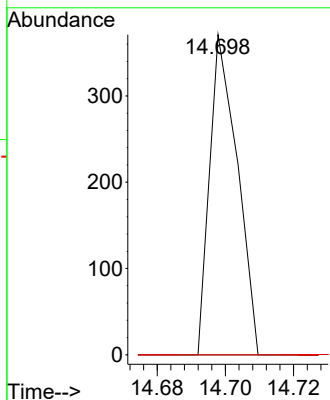
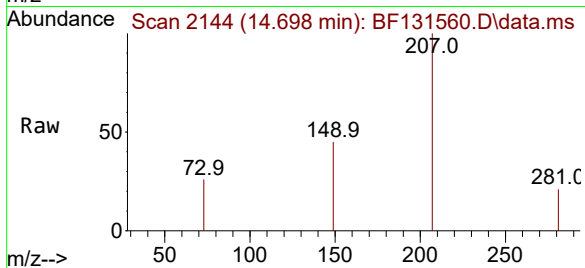




#85
Di-n-octyl phthalate
Concen: 5.234 ng
RT: 14.698 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BF131560.D
Acq: 08 Dec 2022 17:15

Instrument :
BNA_F
ClientSampleId :
PB149479BL

Tgt Ion:149 Resp: 209
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 0.0 8.6 13.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 2300
Delta R.T. 0.000 min
Lab File: BF131560.D
Acq: 08 Dec 2022 17:15

Tgt Ion:264 Resp: 129671
Ion Ratio Lower Upper
264 100
260 23.2 20.6 30.8
265 21.6 16.8 25.2

