

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121422\
 Data File : BF131635.D
 Acq On : 14 Dec 2022 17:25
 Operator : CG\JU
 Sample : PB149592TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149592TB

Quant Time: Dec 15 01:55:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 03:22:29 2022
 Response via : Initial Calibration

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

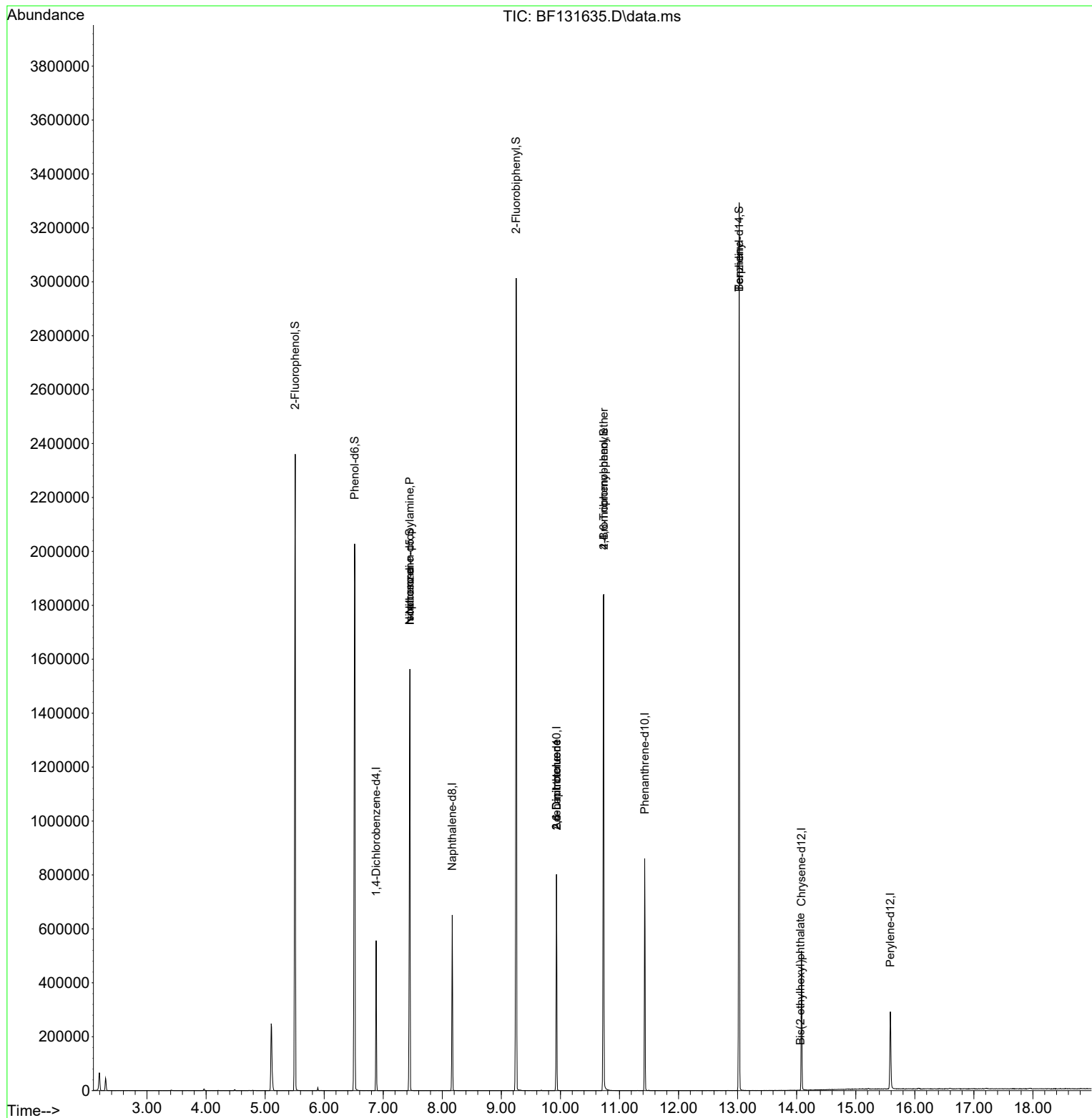
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	69269	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	255057	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	150720	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	289885	20.000	ng	# 0.00
76) Chrysene-d12	14.080	240	171225	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	140818	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	604714	145.640	ng	0.01
7) Phenol-d6	6.516	99	798399	146.736	ng	0.00
23) Nitrobenzene-d5	7.451	82	541843	80.317	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	224145	133.854	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	965298	80.754	ng	0.00
79) Terphenyl-d14	13.027	244	1111958	89.061	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	76196	18.676	ng	# 78
25) Isophorone	7.451	82	541915	49.869	ng	# 69
51) 2,6-Dinitrotoluene	9.933	165	19277	8.127	ng	# 10
57) 2,4-Dinitrotoluene	9.933	165	19277	6.126	ng	# 16
67) 4-Bromophenyl-phenylether	10.733	248	15163	4.066	ng	# 1
77) Benzidine	13.027	184	17127	3.733	ng	# 93
84) Bis(2-ethylhexyl)phtha...	14.063	149	59	3.040	ng	# 54

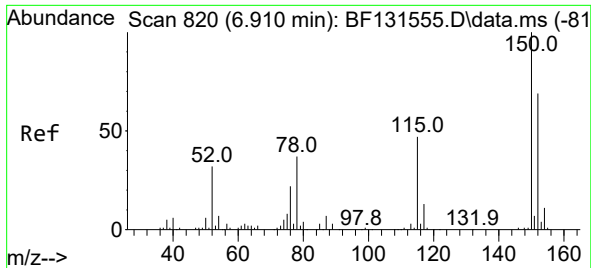
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 14 03:22:29 2022
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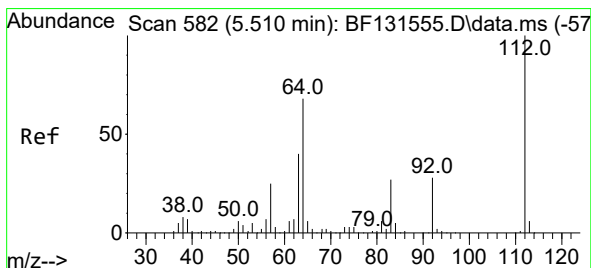
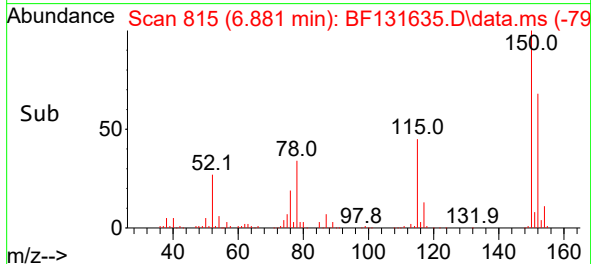
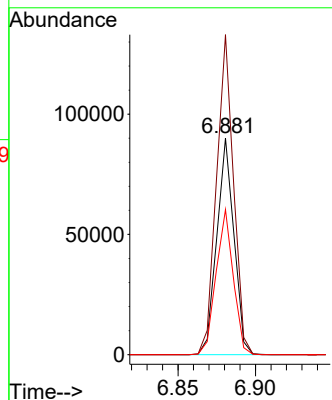
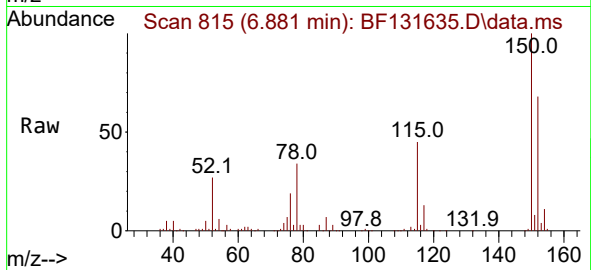




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.005 min
Lab File: BF131635.D
Acq: 14 Dec 2022 17:25

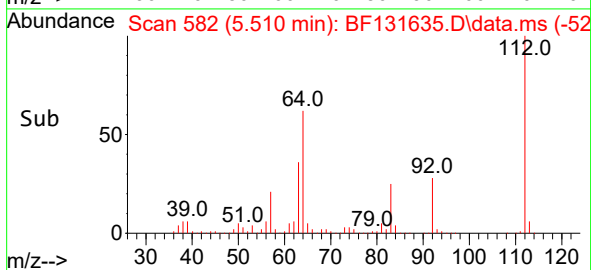
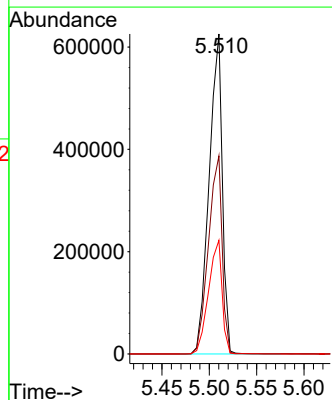
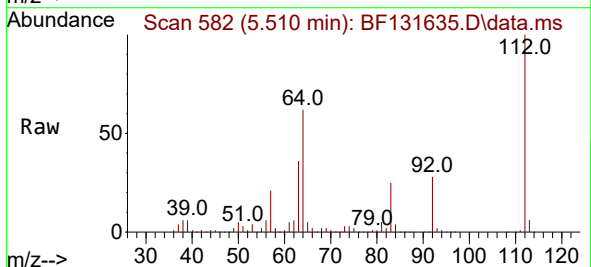
Instrument :
BNA_F
ClientSampleId :
PB149592TB

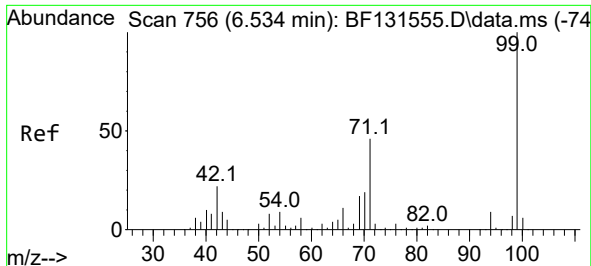
Tgt Ion:152 Resp: 69269
Ion Ratio Lower Upper
152 100
150 147.7 116.7 175.1
115 67.0 54.6 82.0



#5
2-Fluorophenol
Concen: 145.640 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.012 min
Lab File: BF131635.D
Acq: 14 Dec 2022 17:25

Tgt Ion:112 Resp: 604714
Ion Ratio Lower Upper
112 100
64 61.9 54.5 81.7
63 35.5 31.9 47.9

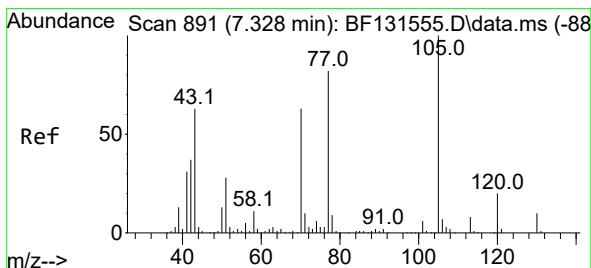
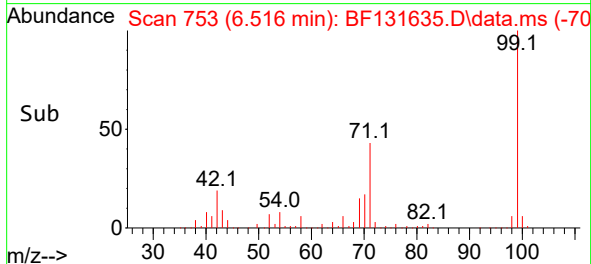
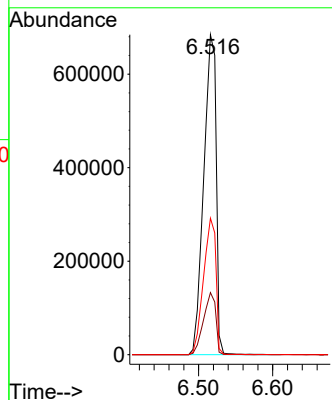
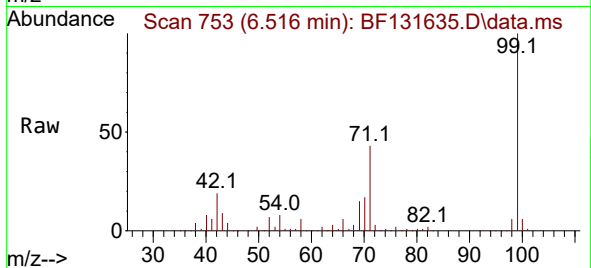




#7
Phenol-d6
Concen: 146.736 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131635.D
Acq: 14 Dec 2022 17:25

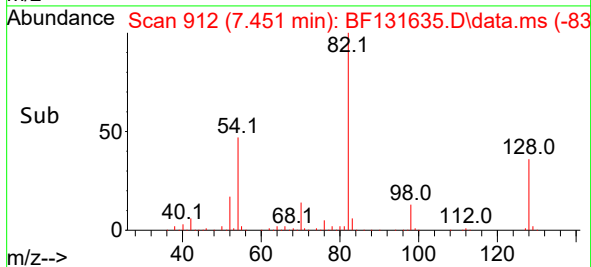
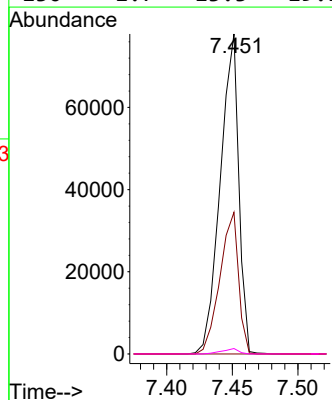
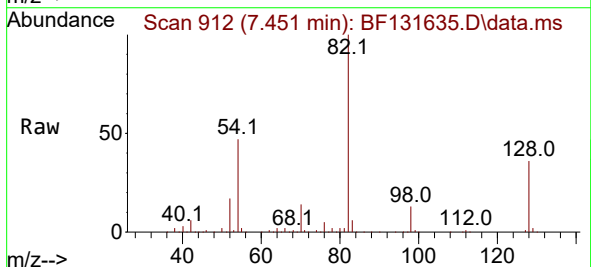
Instrument :
BNA_F
ClientSampleId :
PB149592TB

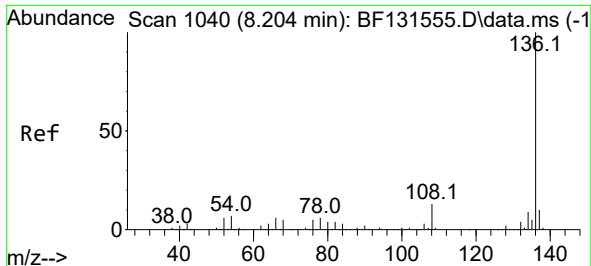
Tgt Ion: 99 Resp: 798399
Ion Ratio Lower Upper
99 100
42 19.4 17.9 26.9
71 42.6 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.676 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.153 min
Lab File: BF131635.D
Acq: 14 Dec 2022 17:25

Tgt Ion: 70 Resp: 76196
Ion Ratio Lower Upper
70 100
42 44.3 46.4 69.6#
101 0.0 7.2 10.8#
130 1.7 13.3 19.9#





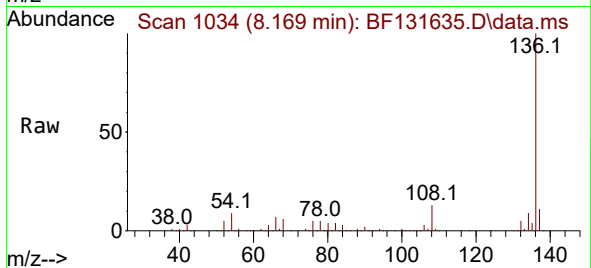
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131635.D
Acq: 14 Dec 2022 17:25

Instrument :

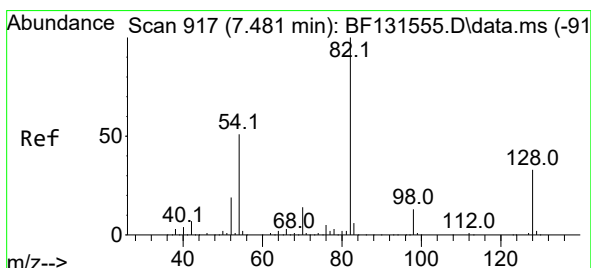
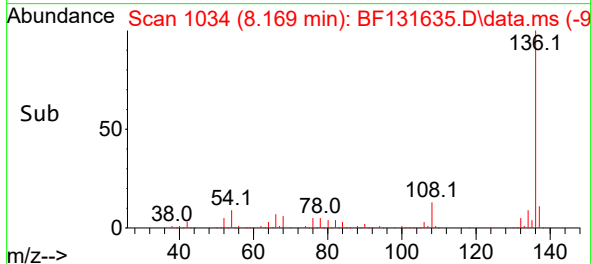
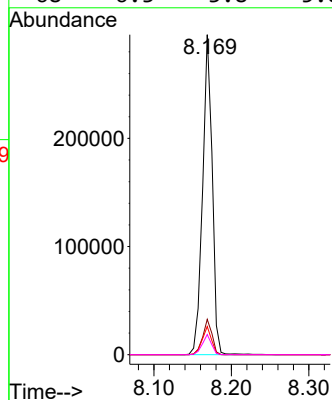
BNA_F

ClientSampleId :

PB149592TB

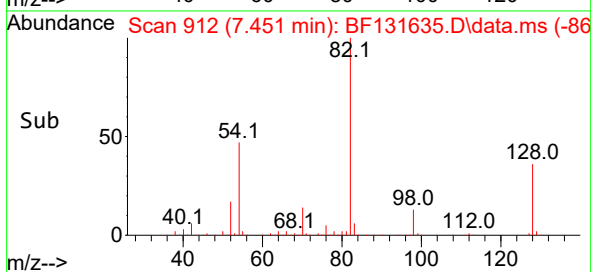
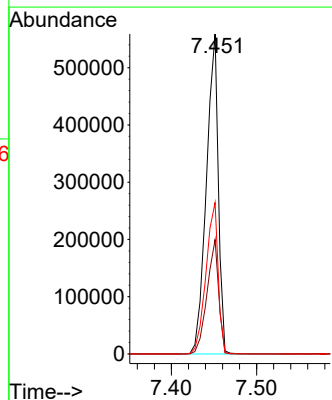
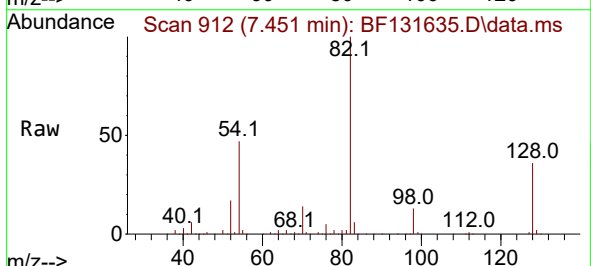


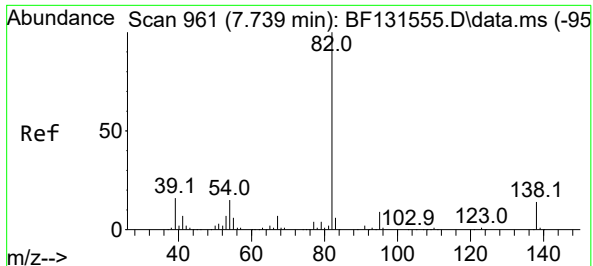
Tgt Ion:136 Resp: 255057
Ion Ratio Lower Upper
136 100
137 11.0 8.1 12.1
54 8.8 6.0 9.0
68 6.3 3.8 5.8#



#23
Nitrobenzene-d5
Concen: 80.317 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF131635.D
Acq: 14 Dec 2022 17:25

Tgt Ion: 82 Resp: 541843
Ion Ratio Lower Upper
82 100
128 35.7 26.1 39.1
54 47.3 40.6 60.8

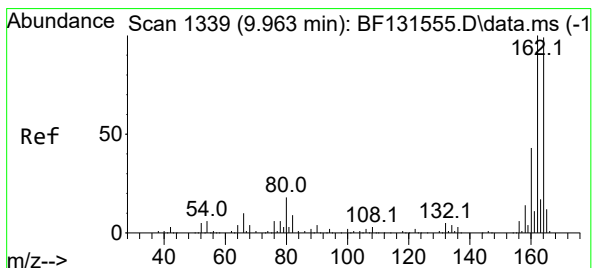
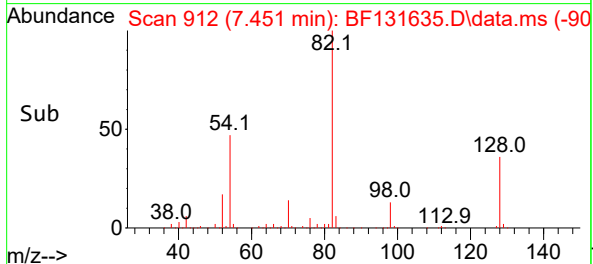
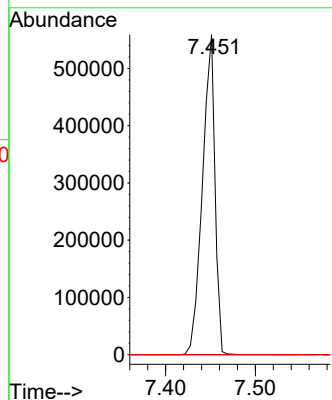
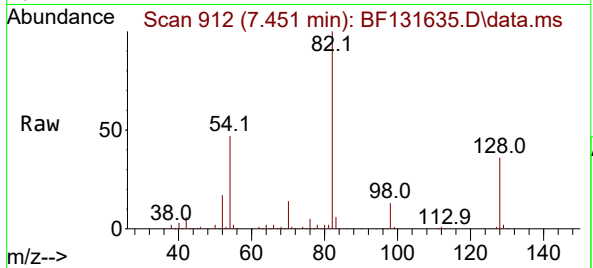




#25
Isophorone
Concen: 49.869 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131635.D
Acq: 14 Dec 2022 17:25

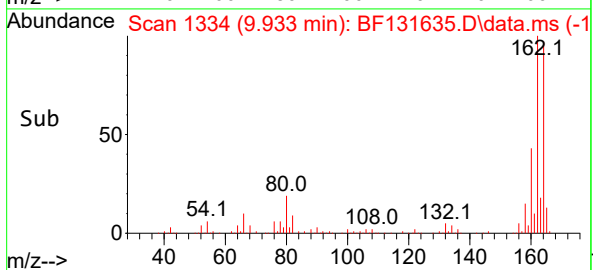
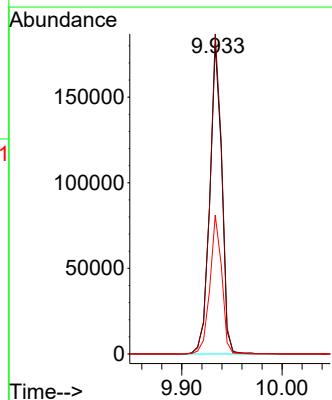
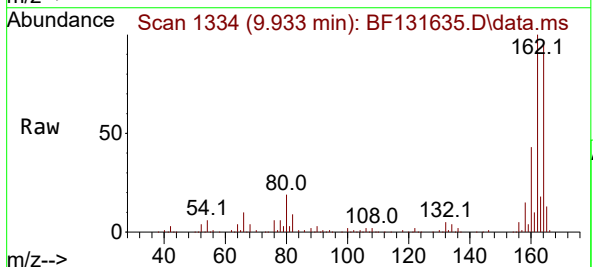
Instrument :
BNA_F
ClientSampleId :
PB149592TB

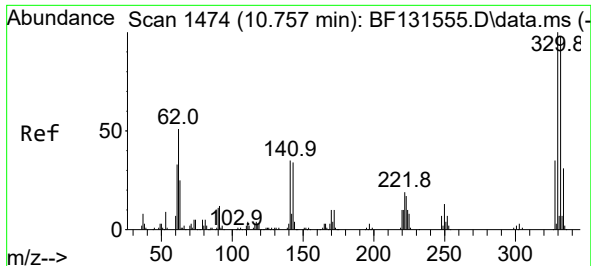
Tgt Ion: 82 Resp: 541915
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131635.D
Acq: 14 Dec 2022 17:25

Tgt Ion:164 Resp: 150720
Ion Ratio Lower Upper
164 100
162 103.4 81.0 121.6
160 44.9 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 133.854 ng

RT: 10.733 min Scan# 1474

Delta R.T. 0.000 min

Lab File: BF131635.D

Acq: 14 Dec 2022 17:25

Instrument :

BNA_F

ClientSampleId :

PB149592TB

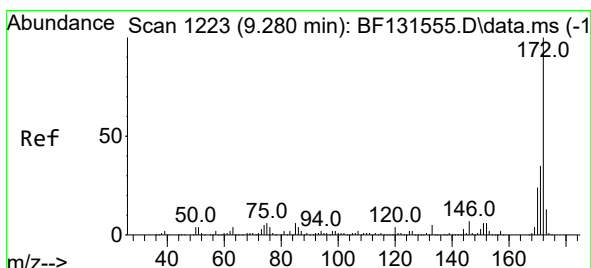
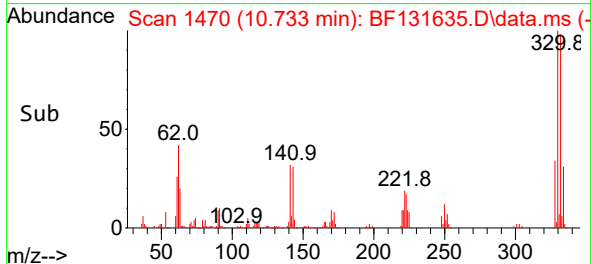
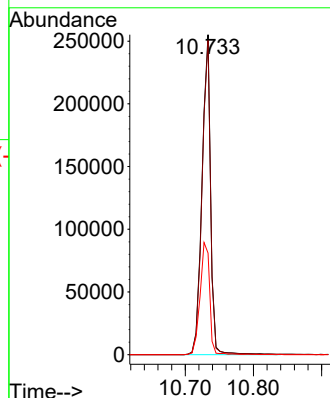
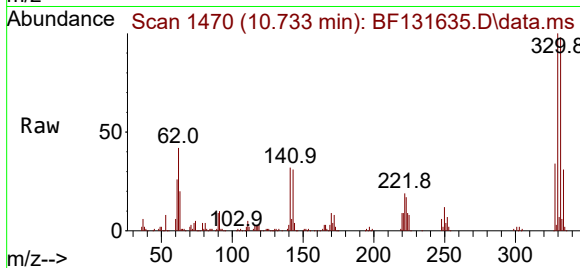
Tgt Ion:330 Resp: 224145

Ion Ratio Lower Upper

330 100

332 97.2 78.3 117.5

141 39.1 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 80.754 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF131635.D

Acq: 14 Dec 2022 17:25

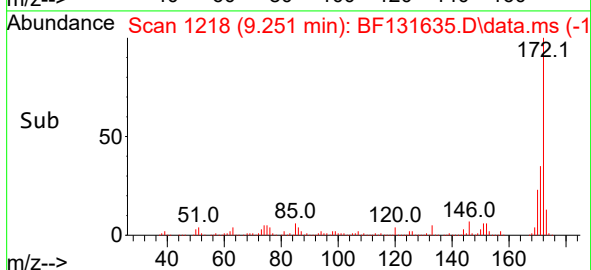
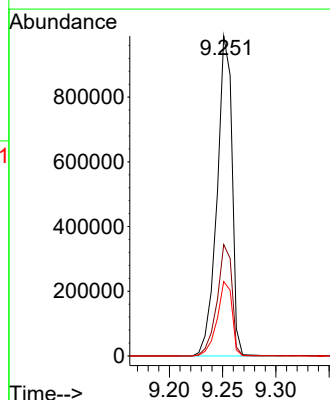
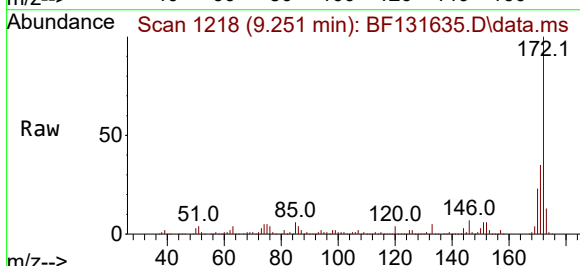
Tgt Ion:172 Resp: 965298

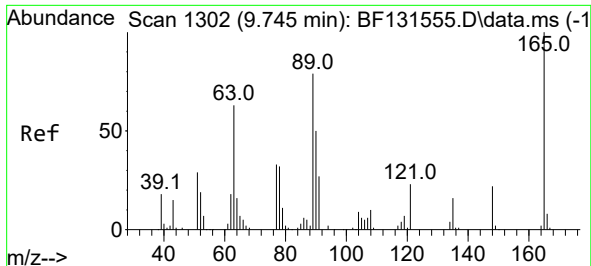
Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.3 19.3 28.9

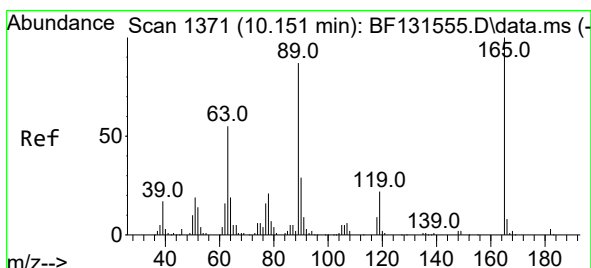
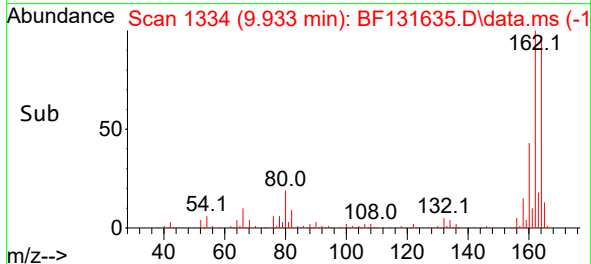
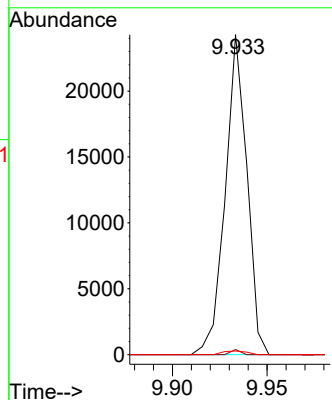
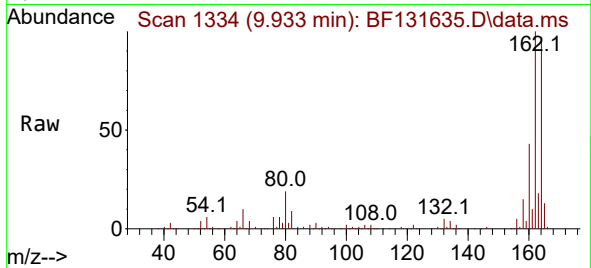




#51
2,6-Dinitrotoluene
Concen: 8.127 ng
RT: 9.933 min Scan# 1302
Delta R.T. 0.206 min
Lab File: BF131635.D
Acq: 14 Dec 2022 17:25

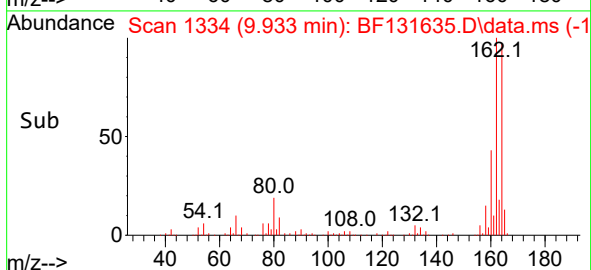
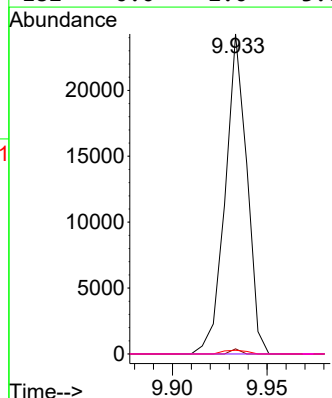
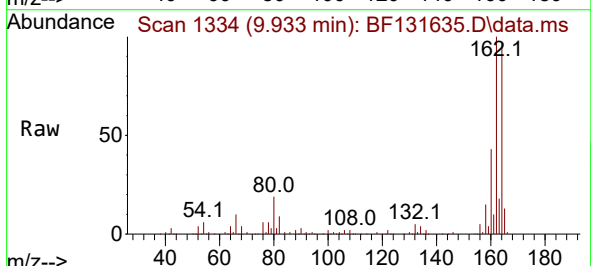
Instrument :
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PB149592TB

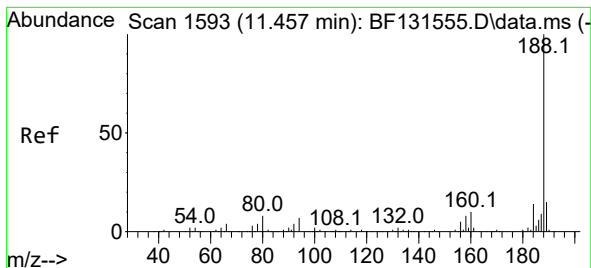
Tgt Ion:165 Resp: 19277
Ion Ratio Lower Upper
165 100
63 1.6 67.9 101.9#
89 1.2 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 6.126 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF131635.D
Acq: 14 Dec 2022 17:25

Tgt Ion:165 Resp: 19277
Ion Ratio Lower Upper
165 100
63 1.6 44.4 66.6#
89 1.2 69.6 104.4#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131635.D

Acq: 14 Dec 2022 17:25

Instrument :

BNA_F

ClientSampleId :

PB149592TB

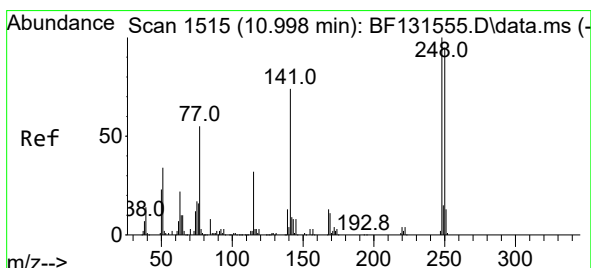
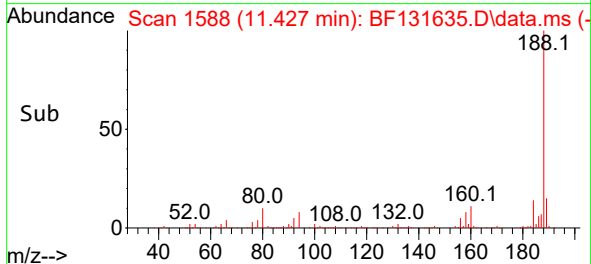
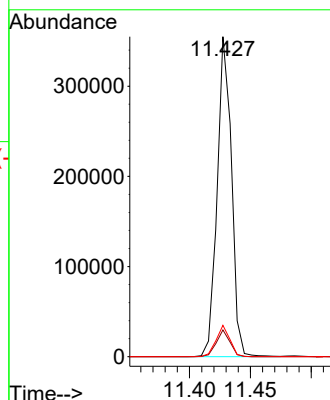
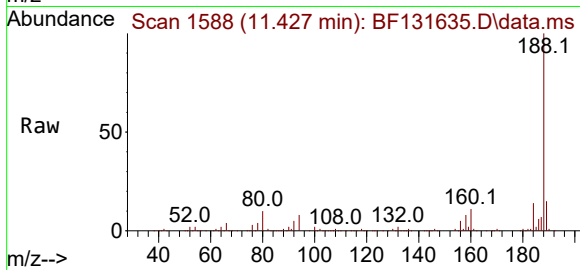
Tgt Ion:188 Resp: 289885

Ion Ratio Lower Upper

188 100

94 8.3 5.5 8.3#

80 9.8 6.6 10.0



#67

4-Bromophenyl-phenylether

Concen: 4.066 ng

RT: 10.733 min Scan# 1470

Delta R.T. -0.241 min

Lab File: BF131635.D

Acq: 14 Dec 2022 17:25

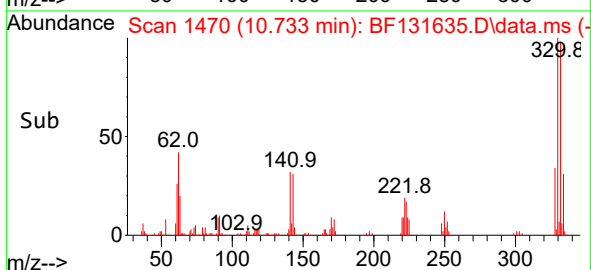
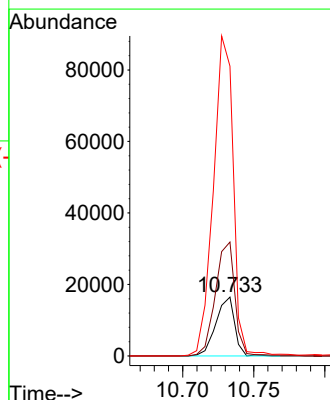
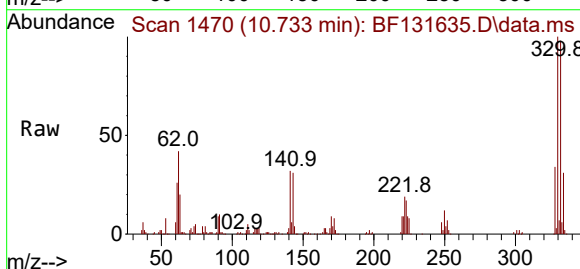
Tgt Ion:248 Resp: 15163

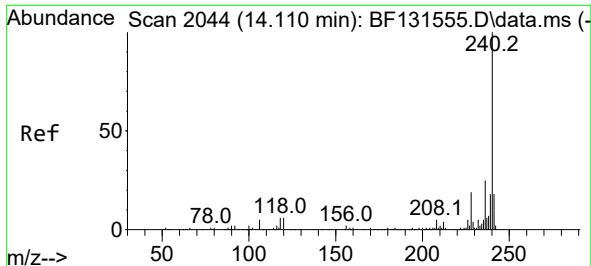
Ion Ratio Lower Upper

248 100

250 193.4 76.2 114.2#

141 492.1 59.5 89.3#

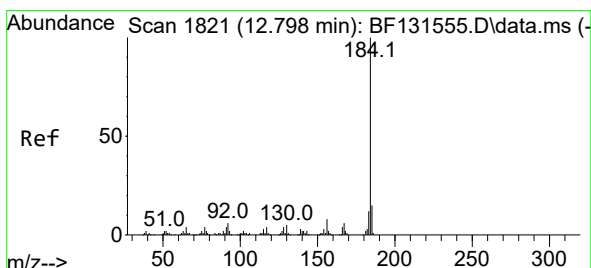
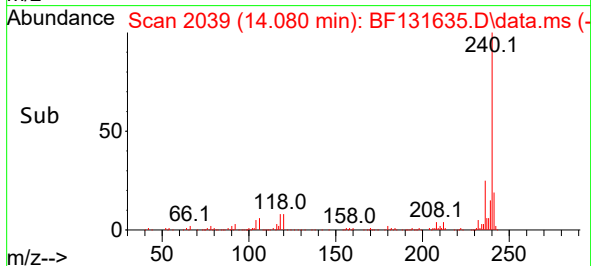
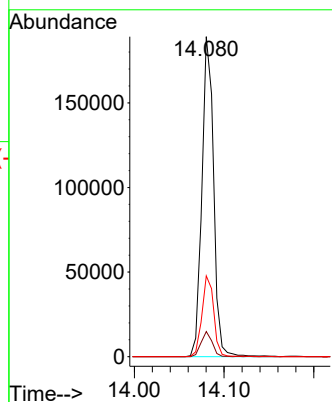
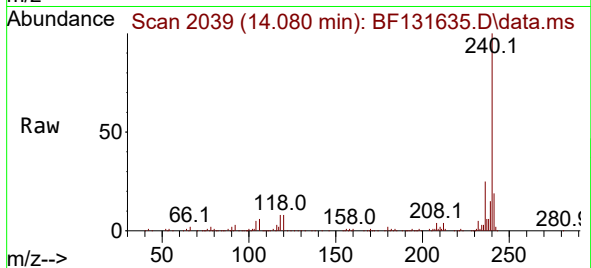




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BF131635.D
Acq: 14 Dec 2022 17:25

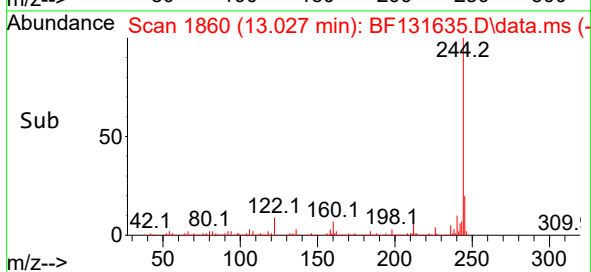
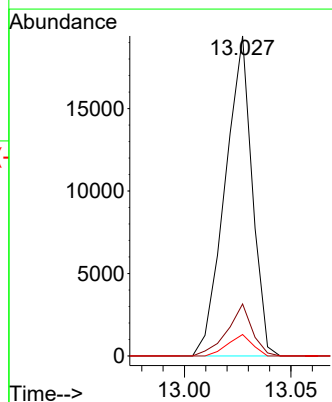
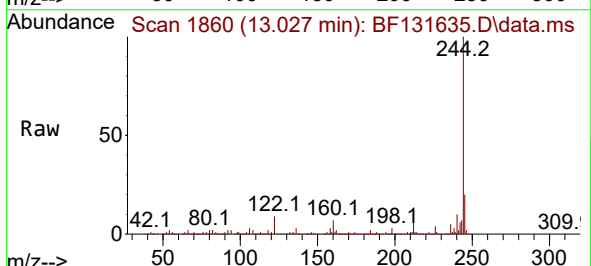
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BNA_F
ClientSampleId :
PB149592TB

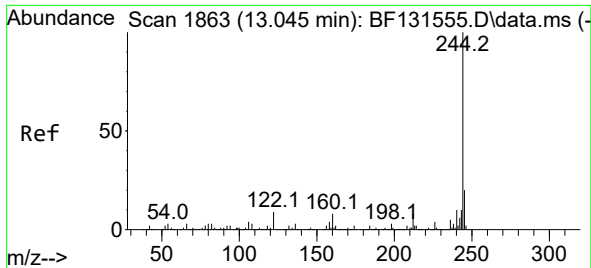
Tgt Ion:240 Resp: 171225
Ion Ratio Lower Upper
240 100
120 7.8 4.6 7.0#
236 25.3 20.2 30.2



#77
Benzidine
Concen: 3.733 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.253 min
Lab File: BF131635.D
Acq: 14 Dec 2022 17:25

Tgt Ion:184 Resp: 17127
Ion Ratio Lower Upper
184 100
185 16.2 12.2 18.2
183 6.7 9.3 13.9#

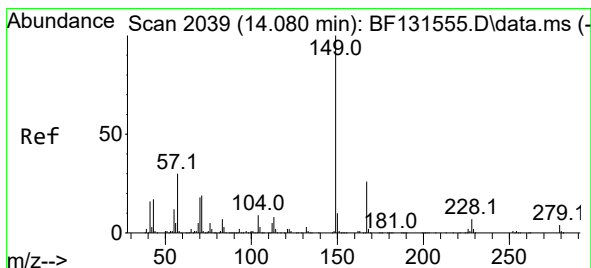
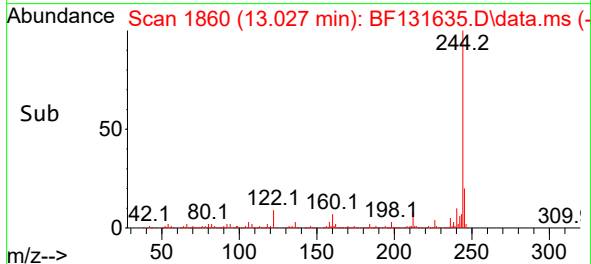
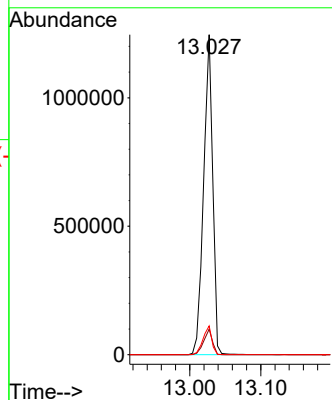
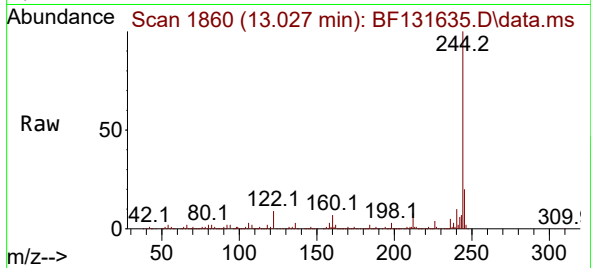




#79
 Terphenyl-d14
 Concen: 89.061 ng
 RT: 13.027 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF131635.D
 Acq: 14 Dec 2022 17:25

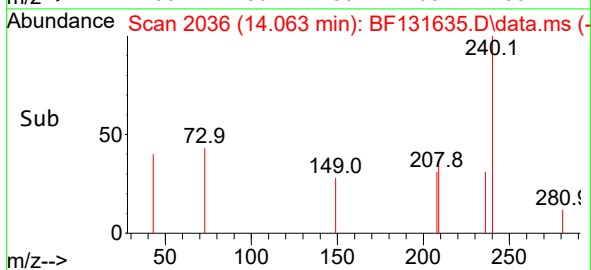
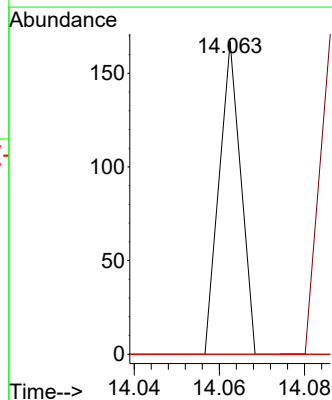
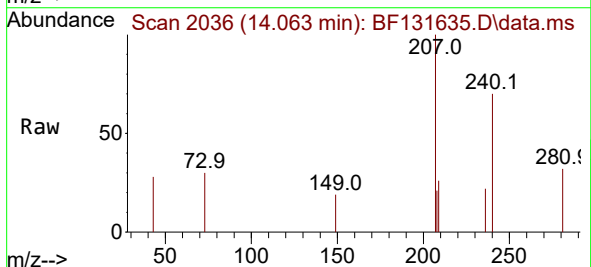
Instrument :
 BNA_F
 ClientSampleId :
 PB149592TB

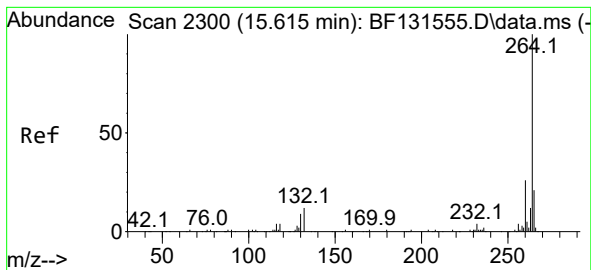
Tgt Ion:244 Resp: 1111958
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 9.0 7.1 10.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.040 ng
 RT: 14.063 min Scan# 2036
 Delta R.T. 0.000 min
 Lab File: BF131635.D
 Acq: 14 Dec 2022 17:25

Tgt Ion:149 Resp: 59
 Ion Ratio Lower Upper
 149 100
 167 0.0 20.8 31.2#
 279 0.0 3.3 4.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131635.D
Acq: 14 Dec 2022 17:25

Instrument :
BNA_F
ClientSampleId :
PB149592TB

Tgt Ion:264 Resp: 140818

Ion	Ratio	Lower	Upper
264	100		
260	23.3	20.6	30.8
265	21.4	16.8	25.2

