

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120922\
 Data File : BF131563.D
 Acq On : 09 Dec 2022 12:27
 Operator : CG\JU
 Sample : PB149477BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149477BL

Quant Time: Dec 10 03:56:32 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)

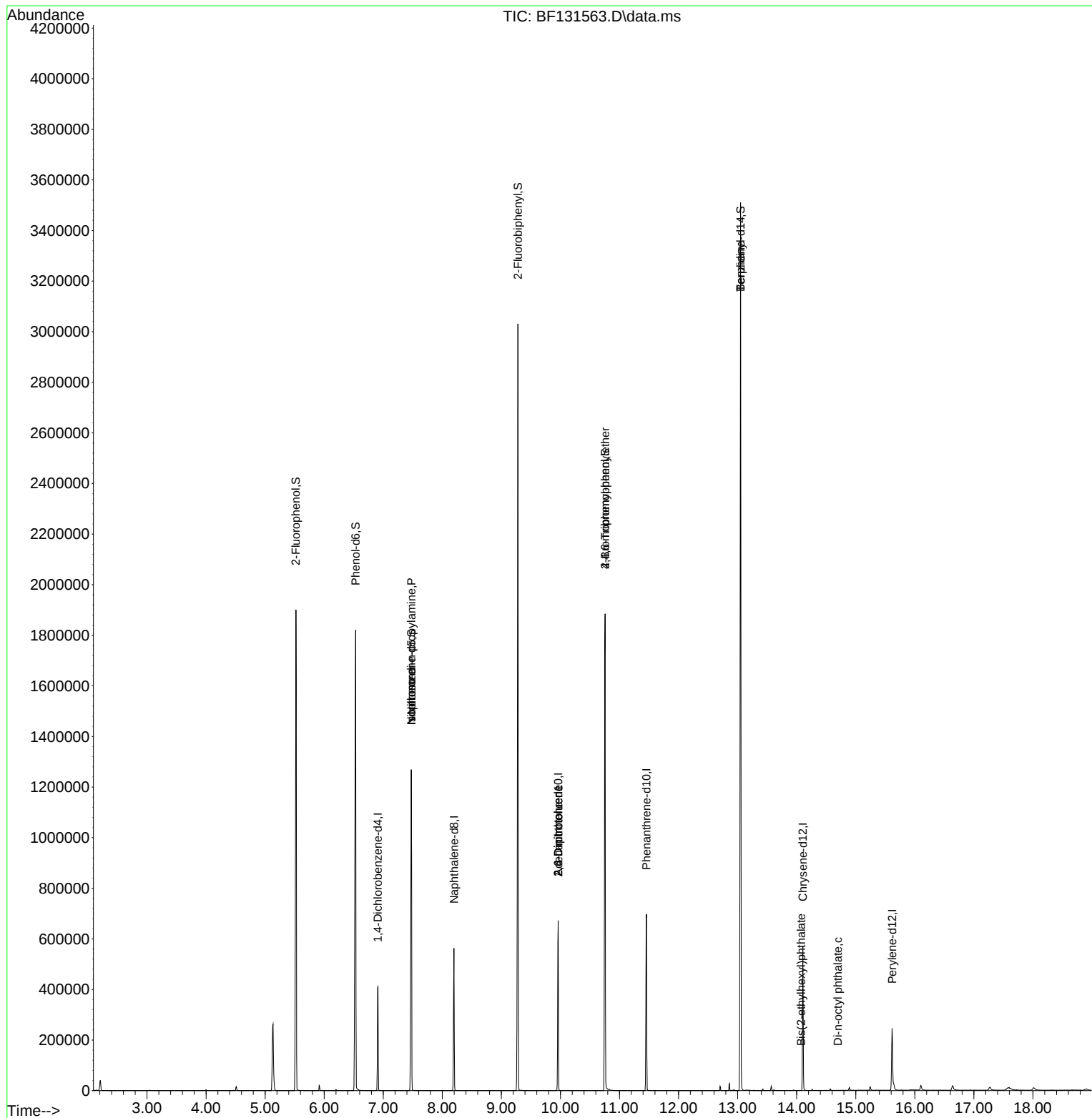
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	55957	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	208487	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	129657	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	260839	20.000	ng	0.00
76) Chrysene-d12	14.104	240	182286	20.000	ng	# 0.00
86) Perylene-d12	15.615	264	120225	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	501835	149.616	ng	0.01
7) Phenol-d6	6.534	99	636198	144.742	ng	0.00
23) Nitrobenzene-d5	7.475	82	458706	83.181	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	210209	145.925	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	846007	82.272	ng	0.00
79) Terphenyl-d14	13.051	244	1195718	89.958	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	65316	19.818	ng	# 81
25) Isophorone	7.475	82	458698	51.640	ng	# 69
51) 2,6-Dinitrotoluene	9.963	165	16471	8.072	ng	# 10
57) 2,4-Dinitrotoluene	9.963	165	16471	6.085	ng	# 16
67) 4-Bromophenyl-phenylether	10.757	248	14271	4.253	ng	# 1
77) Benzidine	13.051	184	17691	3.622	ng	# 91
84) Bis(2-ethylhexyl)phtha...	14.074	149	115	3.047	ng	# 54
85) Di-n-octyl phthalate	14.698	149	139	5.230	ng	# 74

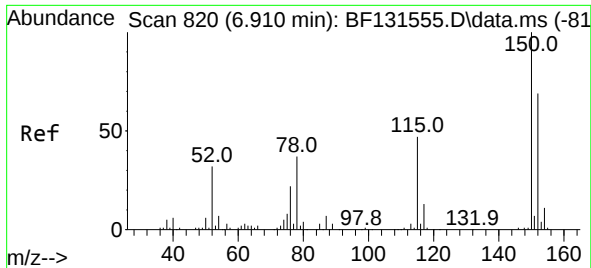
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120922\
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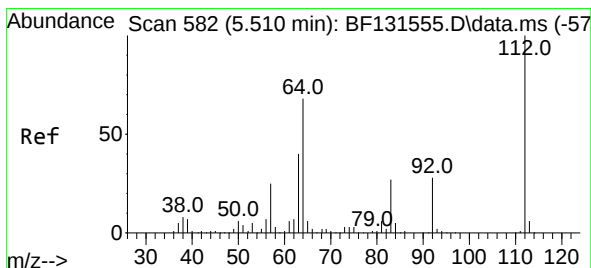
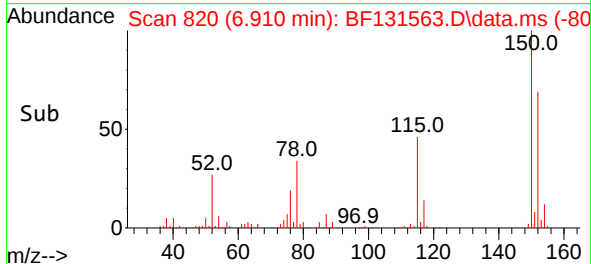
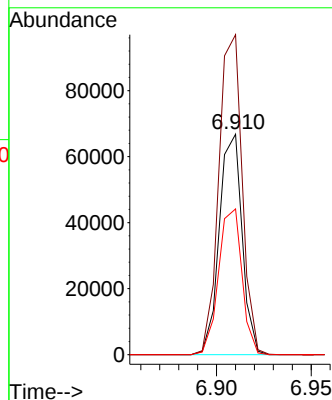
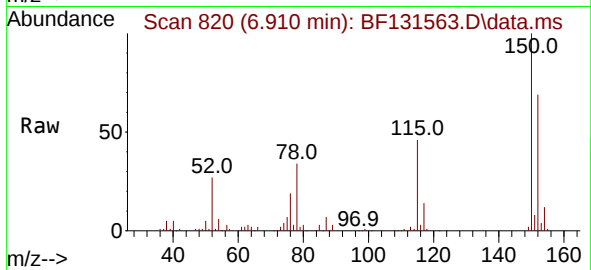




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131563.D
Acq: 09 Dec 2022 12:27

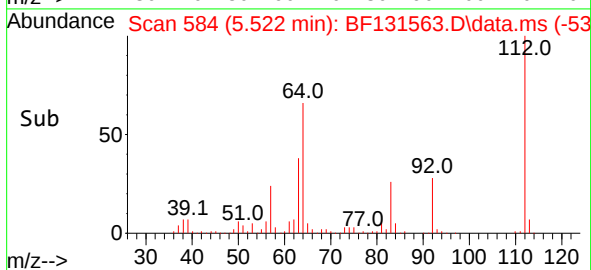
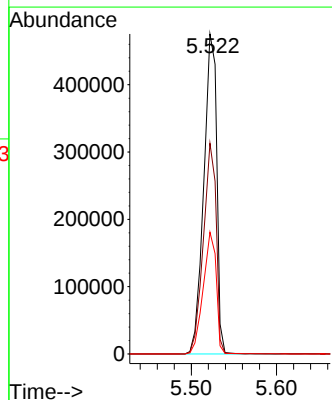
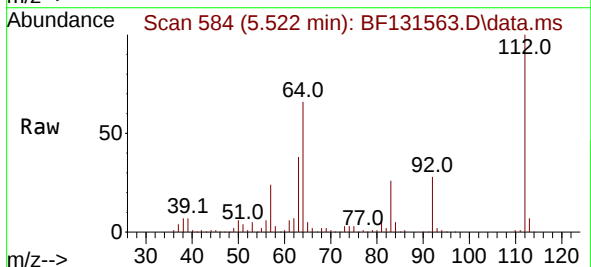
Instrument :
BNA_F
ClientSampleId :
PB149477BL

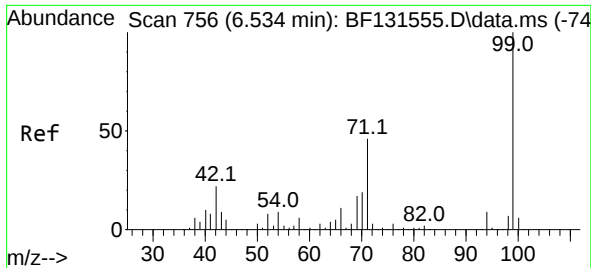
Tgt Ion:152 Resp: 55957
Ion Ratio Lower Upper
152 100
150 145.1 116.7 175.1
115 66.1 54.6 82.0



#5
2-Fluorophenol
Concen: 149.616 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF131563.D
Acq: 09 Dec 2022 12:27

Tgt Ion:112 Resp: 501835
Ion Ratio Lower Upper
112 100
64 65.8 54.5 81.7
63 38.1 31.9 47.9

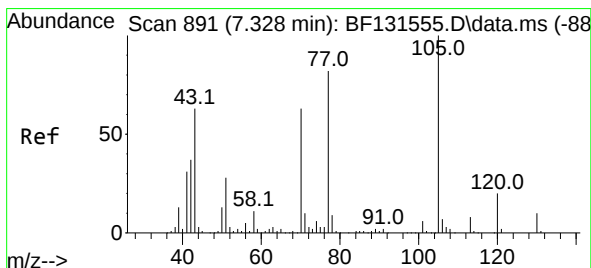
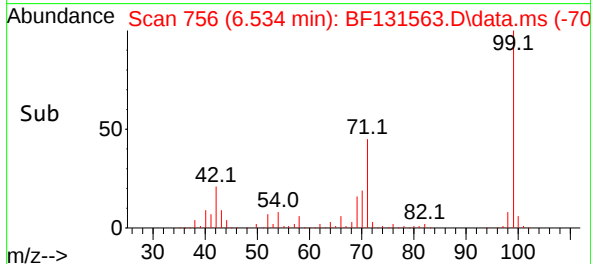
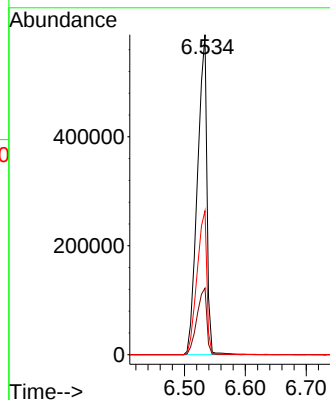
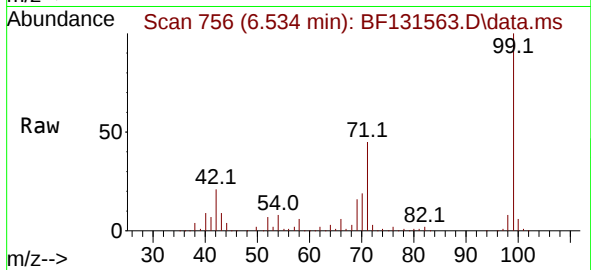




#7
Phenol-d6
Concen: 144.742 ng
RT: 6.534 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131563.D
Acq: 09 Dec 2022 12:27

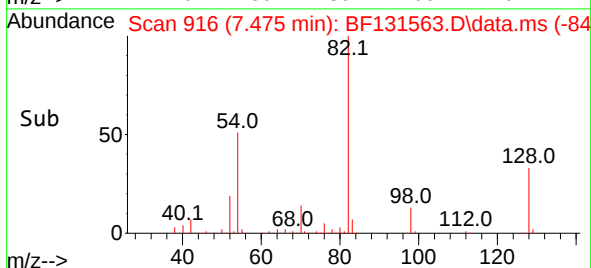
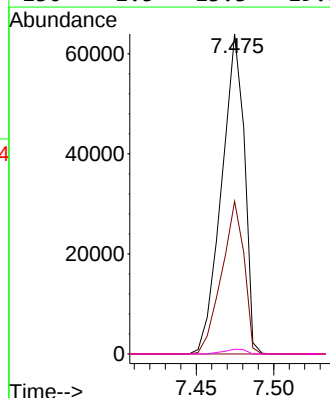
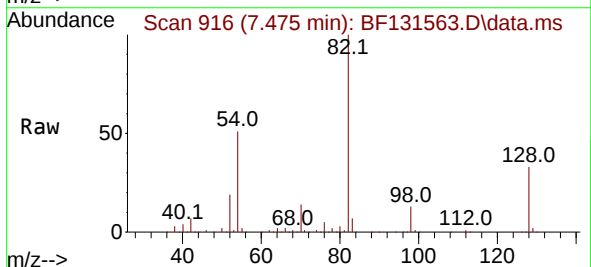
Instrument :
BNA_F
ClientSampleId :
PB149477BL

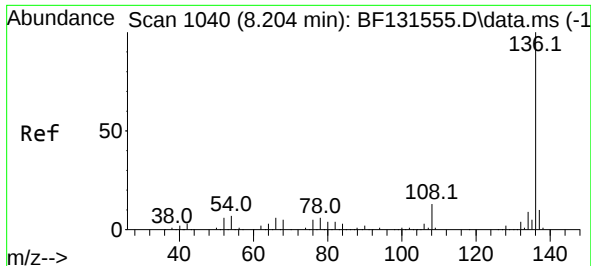
Tgt Ion: 99 Resp: 636198
Ion Ratio Lower Upper
99 100
42 20.8 17.9 26.9
71 44.9 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.818 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF131563.D
Acq: 09 Dec 2022 12:27

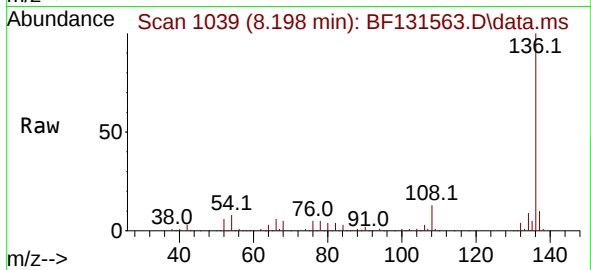
Tgt Ion: 70 Resp: 65316
Ion Ratio Lower Upper
70 100
42 47.7 46.4 69.6
101 0.0 7.2 10.8#
130 1.5 13.3 19.9#



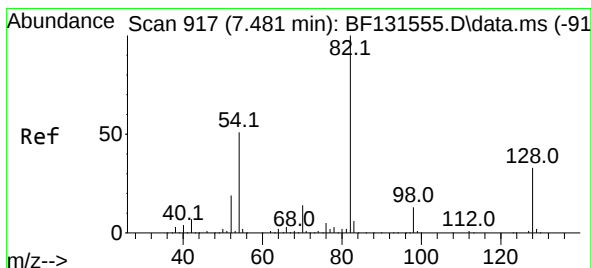
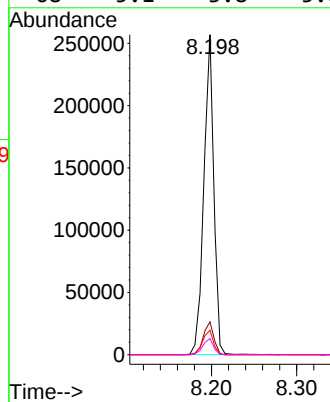
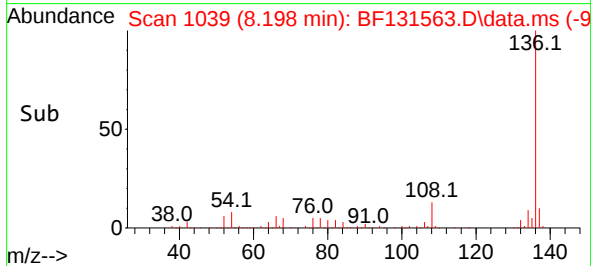


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131563.D
Acq: 09 Dec 2022 12:27

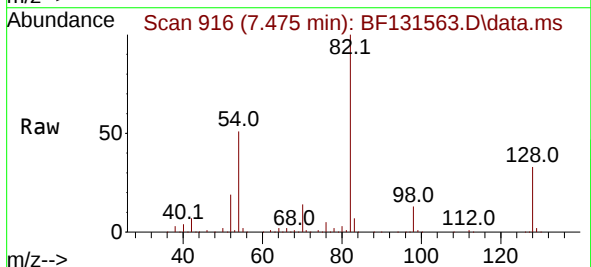
Instrument :
BNA_F
ClientSampleId :
PB149477BL



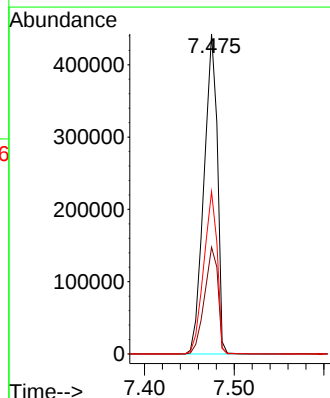
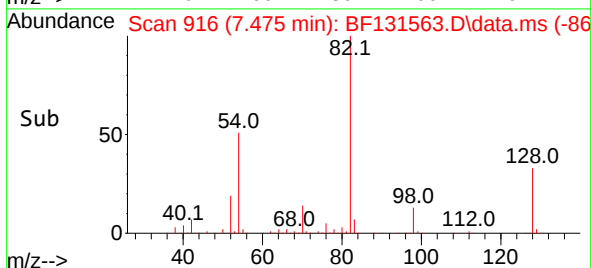
Tgt Ion:136 Resp: 208487
Ion Ratio Lower Upper
136 100
137 10.3 8.1 12.1
54 7.6 6.0 9.0
68 5.1 3.8 5.8

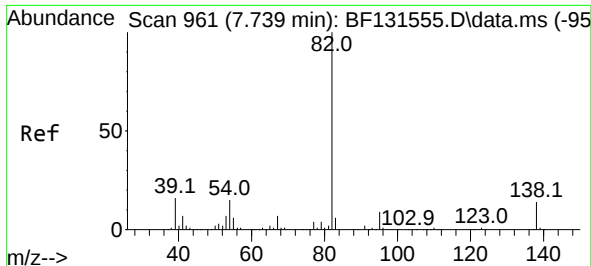


#23
Nitrobenzene-d5
Concen: 83.181 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF131563.D
Acq: 09 Dec 2022 12:27



Tgt Ion: 82 Resp: 458706
Ion Ratio Lower Upper
82 100
128 33.3 26.1 39.1
54 50.7 40.6 60.8

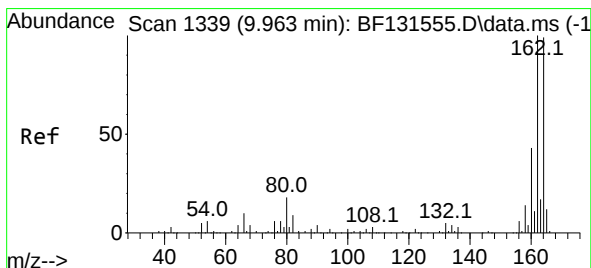
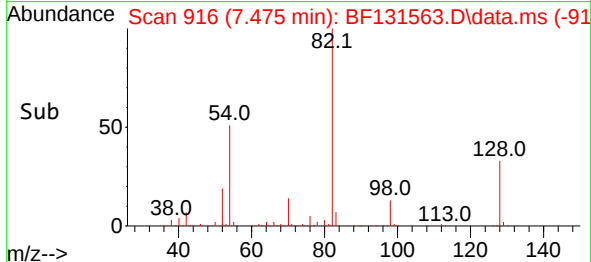
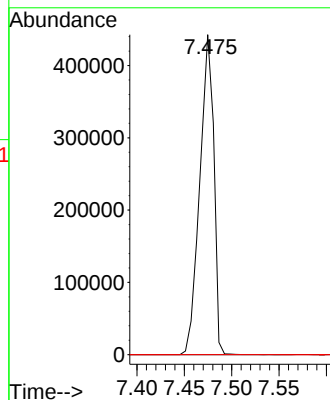
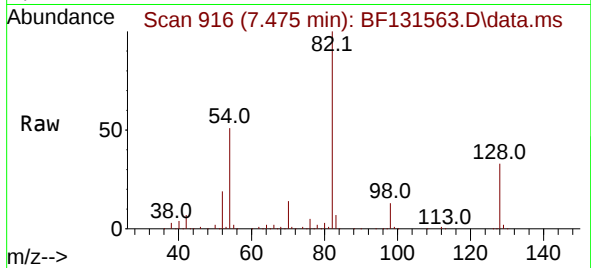




#25
Isophorone
Concen: 51.640 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.265 min
Lab File: BF131563.D
Acq: 09 Dec 2022 12:27

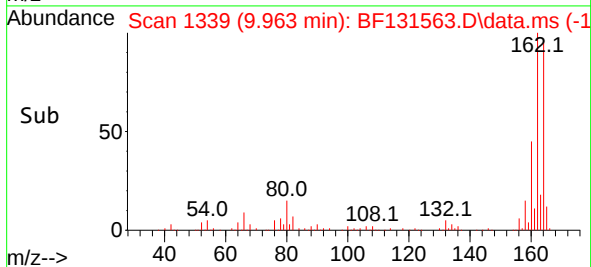
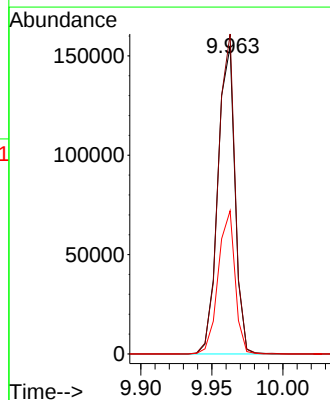
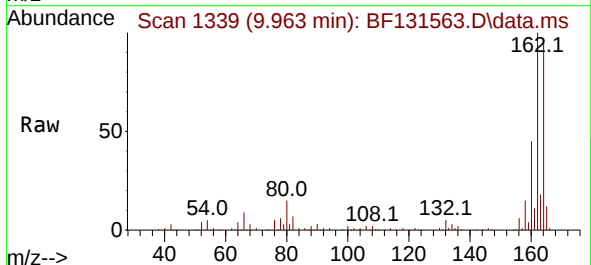
Instrument :
BNA_F
ClientSampleId :
PB149477BL

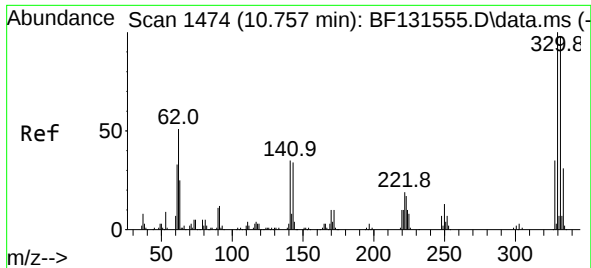
Tgt Ion: 82 Resp: 458698
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF131563.D
Acq: 09 Dec 2022 12:27

Tgt Ion:164 Resp: 129657
Ion Ratio Lower Upper
164 100
162 104.0 81.0 121.6
160 46.5 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 145.925 ng

RT: 10.757 min Scan# 1474

Delta R.T. 0.000 min

Lab File: BF131563.D

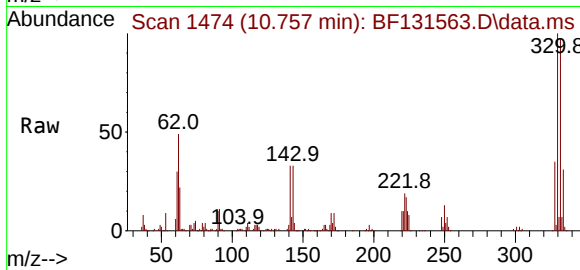
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Instrument :

BNA_F

ClientSampleId :

PB149477BL



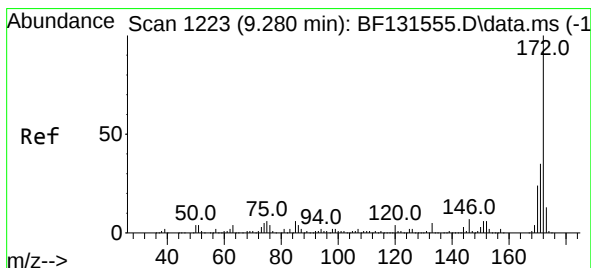
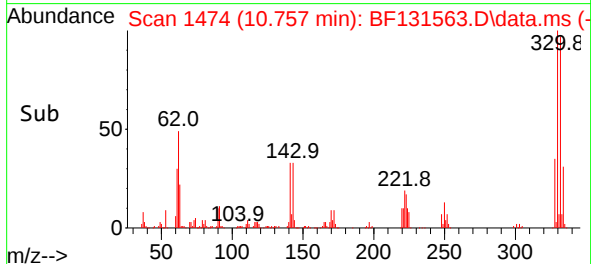
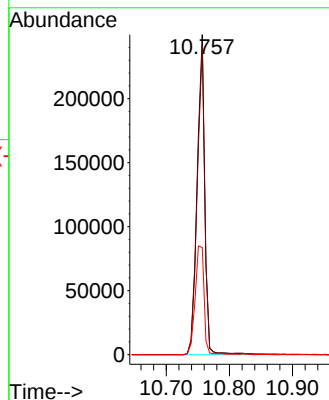
Tgt Ion:330 Resp: 210209

Ion Ratio Lower Upper

330 100

332 94.8 78.3 117.5

141 39.2 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 82.272 ng

RT: 9.280 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF131563.D

Acq: 09 Dec 2022 12:27

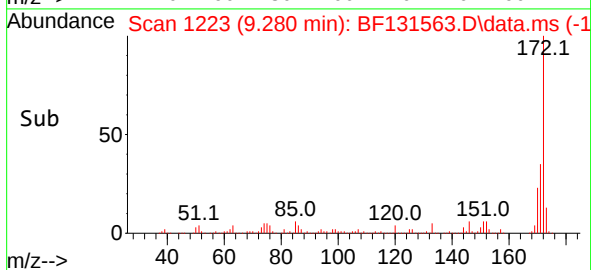
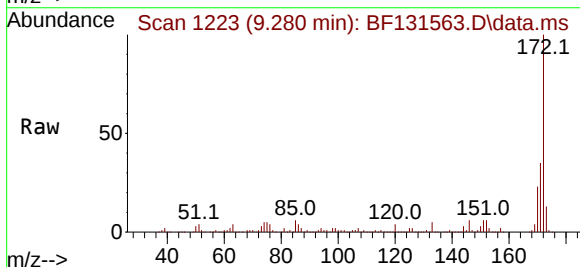
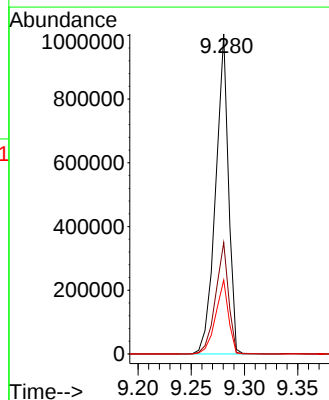
Tgt Ion:172 Resp: 846007

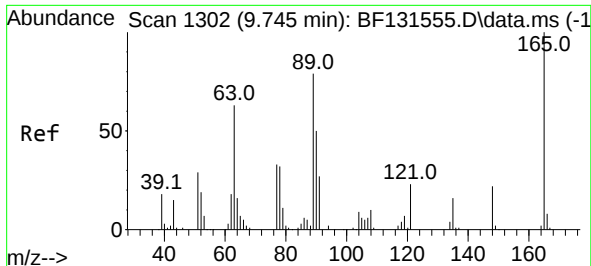
Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.1 19.3 28.9





#51

2,6-Dinitrotoluene

Concen: 8.072 ng

RT: 9.963 min Scan# 1

Delta R.T. 0.218 min

Lab File: BF131563.D

Acq: 09 Dec 2022 12:27

Instrument :

BNA_F

ClientSampleId :

PB149477BL

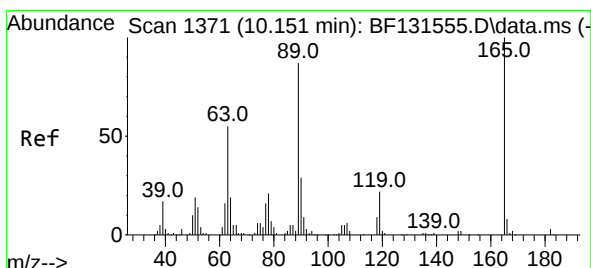
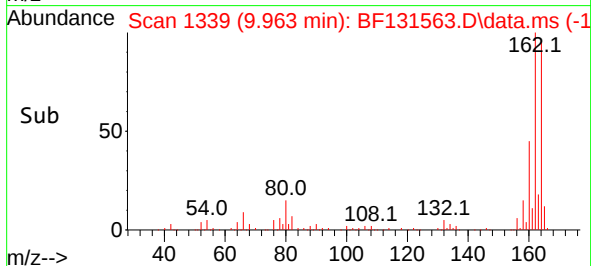
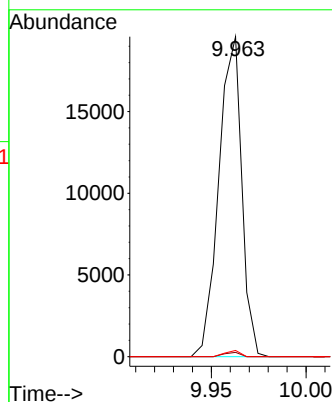
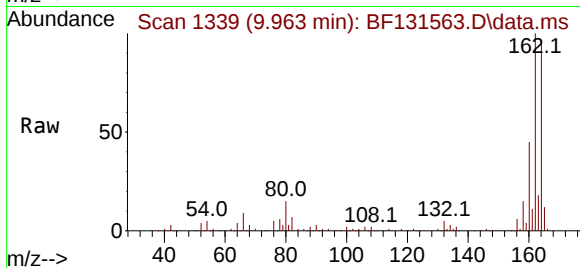
Tgt Ion:165 Resp: 16471

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: 6.085 ng

RT: 9.963 min Scan# 1339

Delta R.T. -0.188 min

Lab File: BF131563.D

Acq: 09 Dec 2022 12:27

Tgt Ion:165 Resp: 16471

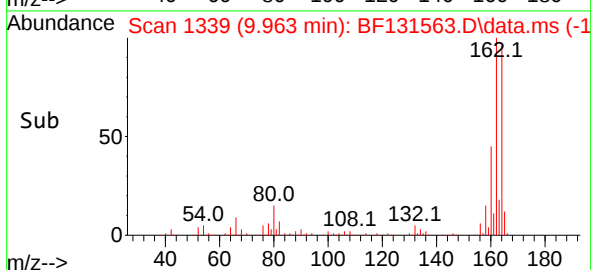
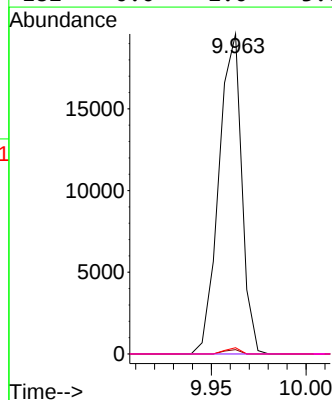
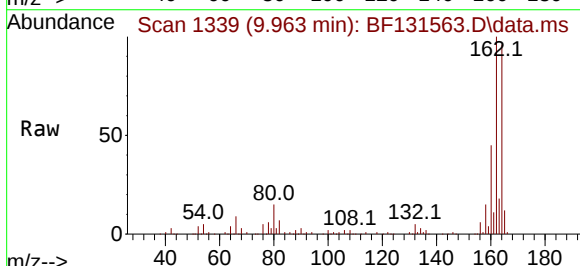
Ion Ratio Lower Upper

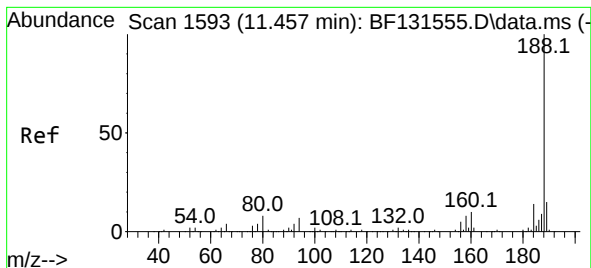
165 100

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: 11.457 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131563.D

Acq: 09 Dec 2022 12:27

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BNA_F

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PB149477BL

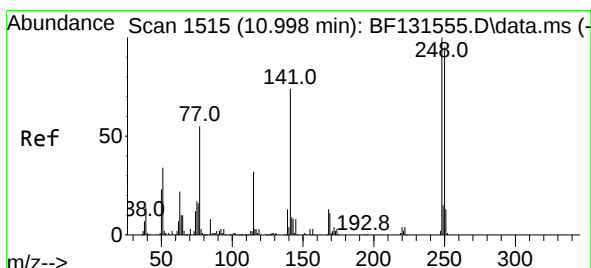
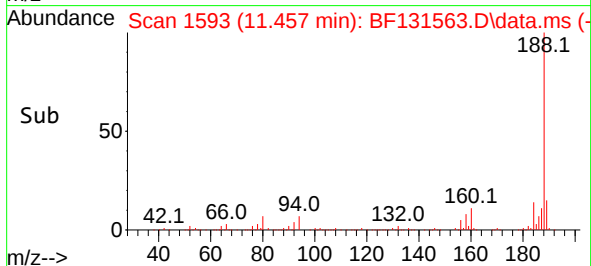
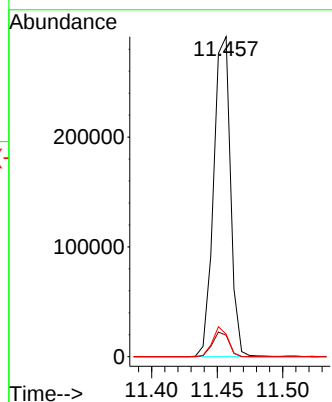
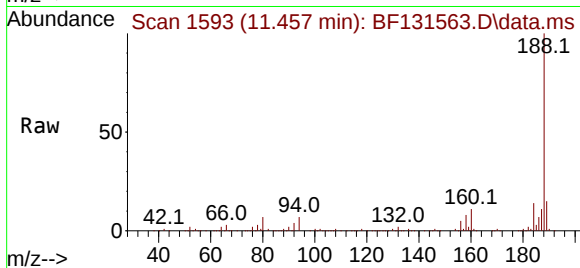
Tgt Ion:188 Resp: 260839

Ion Ratio Lower Upper

188 100

94 6.7 5.5 8.3

80 7.1 6.6 10.0



#67

4-Bromophenyl-phenylether

Concen: 4.253 ng

RT: 10.757 min Scan# 1474

Delta R.T. -0.241 min

Lab File: BF131563.D

Acq: 09 Dec 2022 12:27

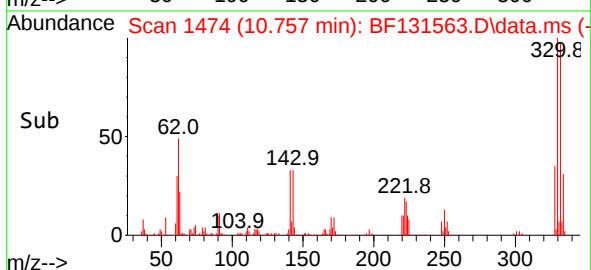
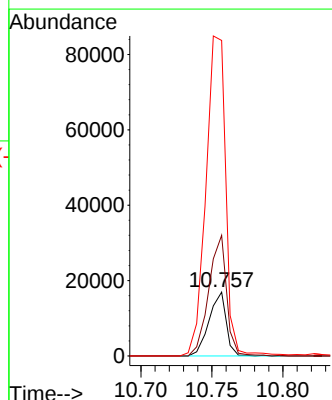
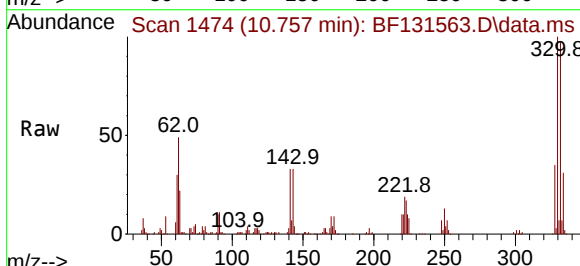
Tgt Ion:248 Resp: 14271

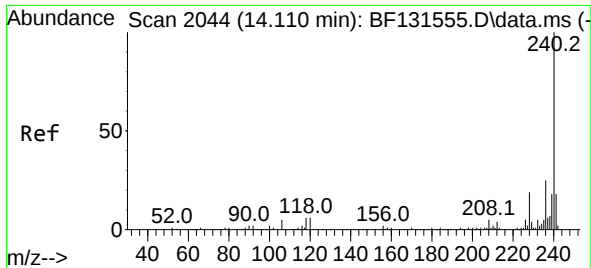
Ion Ratio Lower Upper

248 100

250 188.9 76.2 114.2#

141 494.4 59.5 89.3#

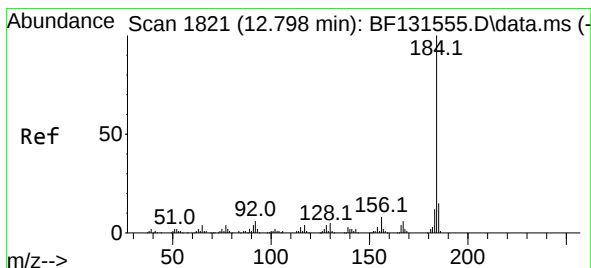
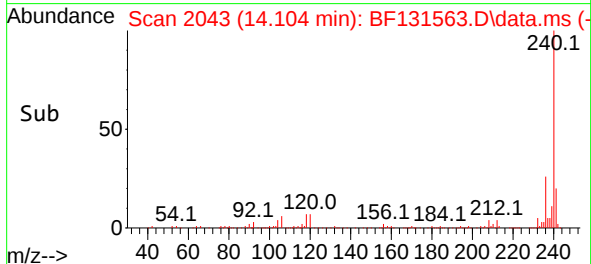
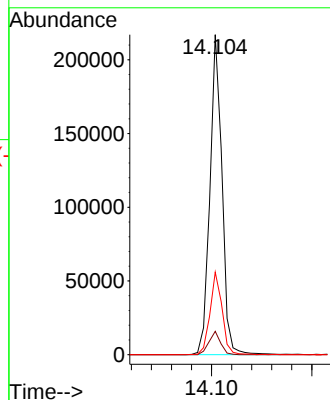
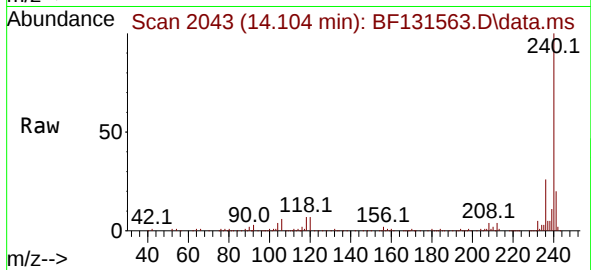




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BF131563.D
Acq: 09 Dec 2022 12:27

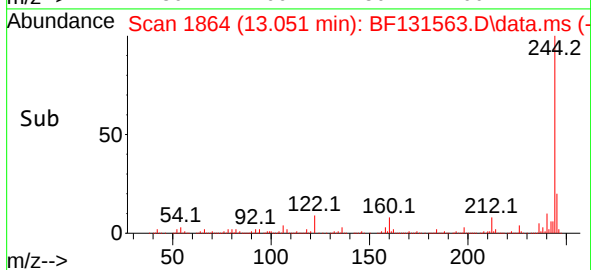
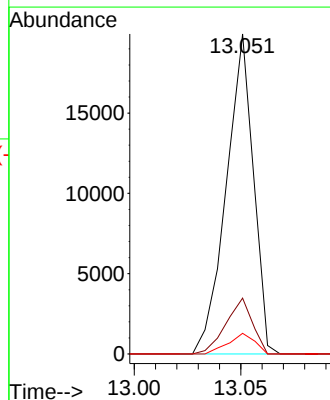
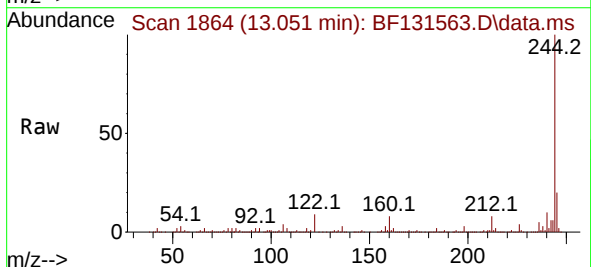
Instrument :
BNA_F
ClientSampleId :
PB149477BL

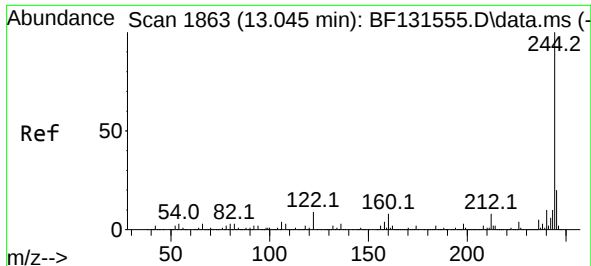
Tgt Ion:240 Resp: 182286
Ion Ratio Lower Upper
240 100
120 7.3 4.6 7.0#
236 25.8 20.2 30.2



#77
Benzidine
Concen: 3.622 ng
RT: 13.051 min Scan# 1864
Delta R.T. 0.253 min
Lab File: BF131563.D
Acq: 09 Dec 2022 12:27

Tgt Ion:184 Resp: 17691
Ion Ratio Lower Upper
184 100
185 17.5 12.2 18.2
183 6.5 9.3 13.9#

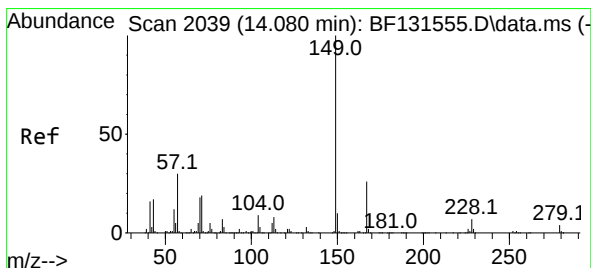
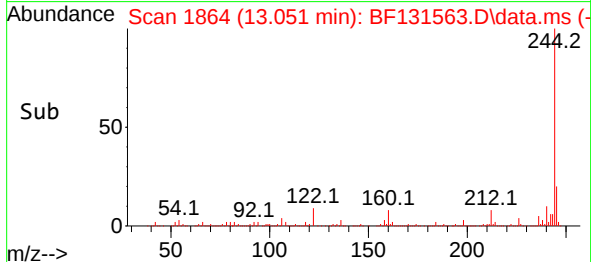
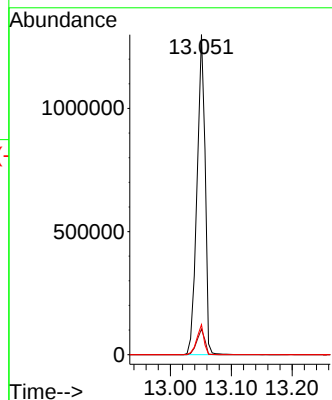
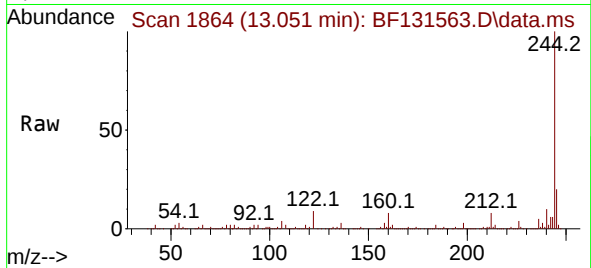




#79
 Terphenyl-d14
 Concen: 89.958 ng
 RT: 13.051 min Scan# 1864
 Delta R.T. 0.006 min
 Lab File: BF131563.D
 Acq: 09 Dec 2022 12:27

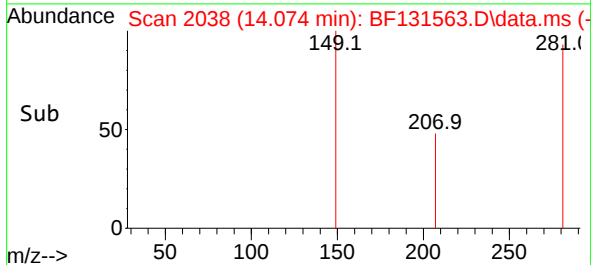
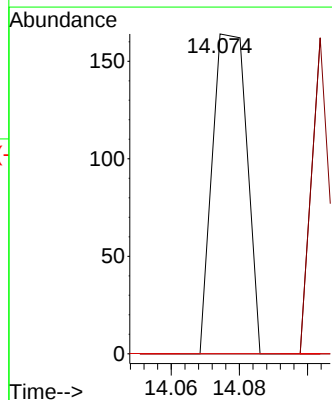
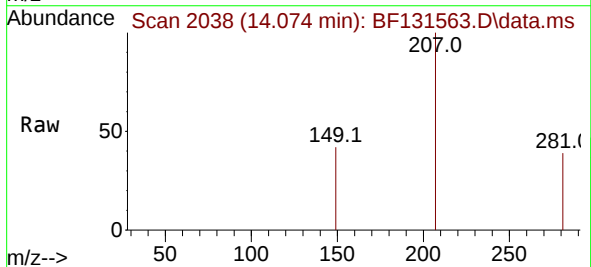
Instrument :
 BNA_F
 ClientSampleId :
 PB149477BL

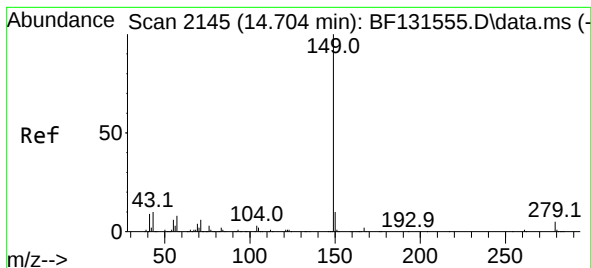
Tgt Ion:244 Resp: 1195718
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 9.4 7.1 10.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.047 ng
 RT: 14.074 min Scan# 2038
 Delta R.T. -0.006 min
 Lab File: BF131563.D
 Acq: 09 Dec 2022 12:27

Tgt Ion:149 Resp: 115
 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: 5.230 ng

RT: 14.698 min Scan# 2145

Delta R.T. -0.006 min

Lab File: BF131563.D

Acq: 09 Dec 2022 12:27

Instrument :

BNA_F

ClientSampleId :

PB149477BL

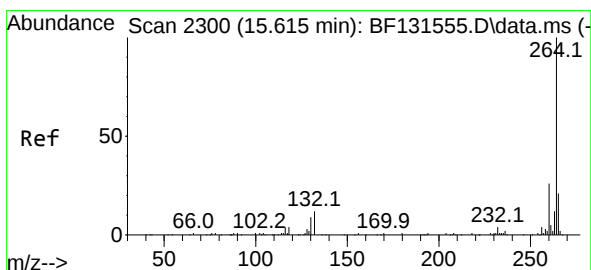
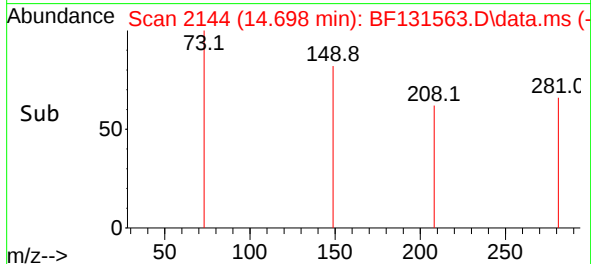
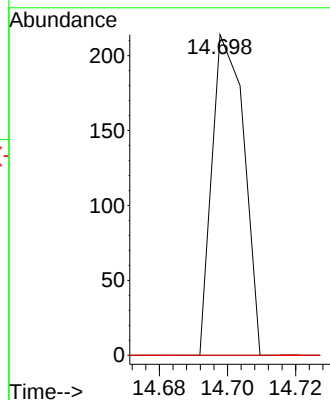
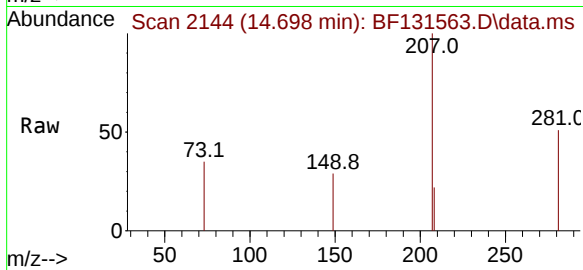
Tgt Ion:149 Resp: 139

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: BF131563.D

Acq: 09 Dec 2022 12:27

Tgt Ion:264 Resp: 120225

Ion Ratio Lower Upper

264 100

260 22.7 20.6 30.8

265 20.5 16.8 25.2

