

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
 Data File : BF131686.D
 Acq On : 19 Dec 2022 12:54
 Operator : CG\JU
 Sample : SP6088
 Misc : 8270/625 SURROGATE
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP6088

Quant Time: Dec 20 01:02:41 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)

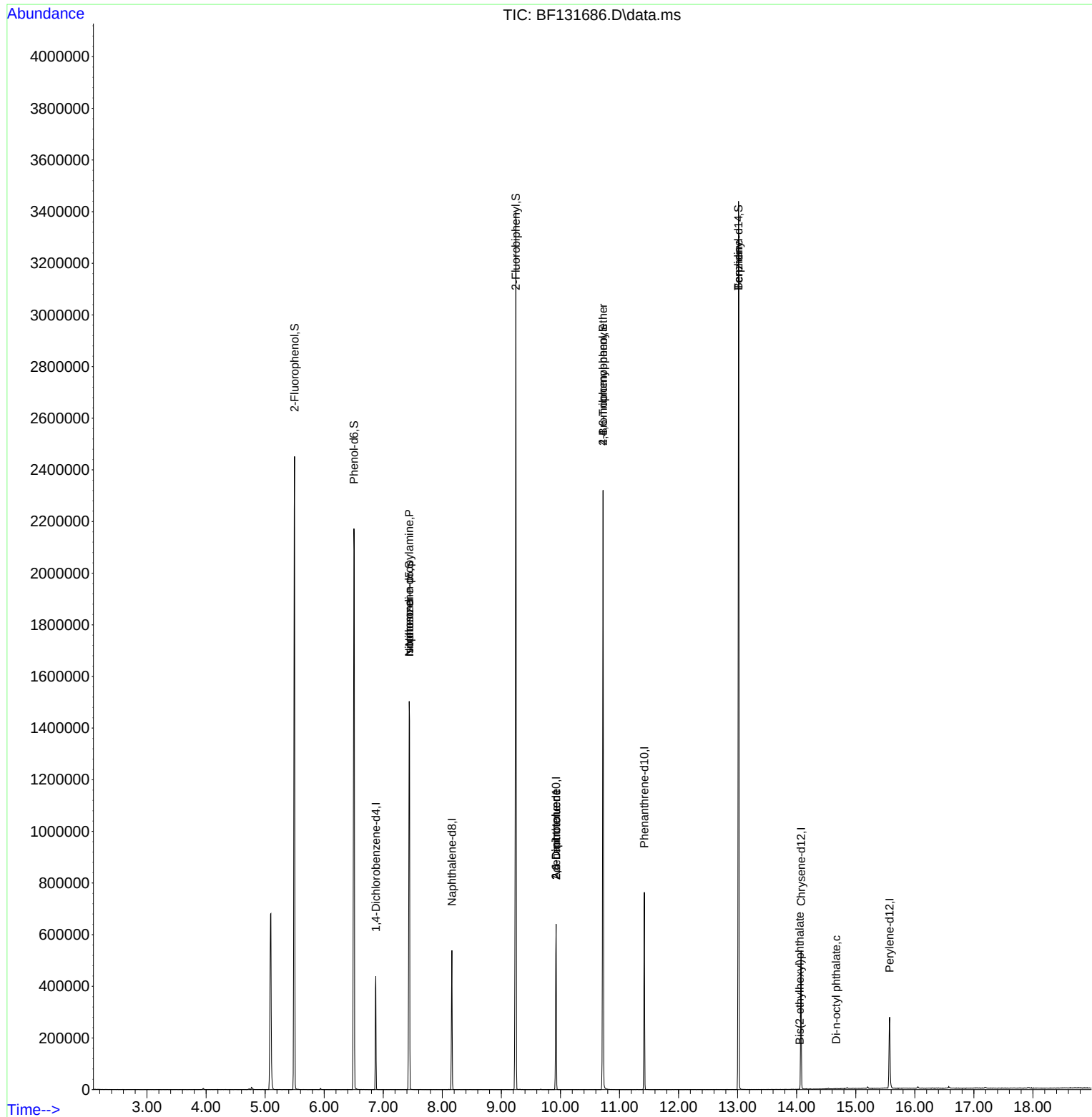
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	60653	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	220622	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	129817	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	256530	20.000	ng	0.00
76) Chrysene-d12	14.074	240	177631	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	136012	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	654510	180.026	ng	0.02
7) Phenol-d6	6.504	99	845957	177.563	ng	0.00
23) Nitrobenzene-d5	7.439	82	594519	101.879	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	250706	173.823	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1065984	103.536	ng	0.00
79) Terphenyl-d14	13.015	244	1294025	99.905	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	82310	23.040	ng	# 77
25) Isophorone	7.439	82	592548	63.040	ng	# 69
51) 2,6-Dinitrotoluene	9.927	165	16688	8.168	ng	# 10
57) 2,4-Dinitrotoluene	9.927	165	16688	6.158	ng	# 16
67) 4-Bromophenyl-phenylether	10.722	248	17179	5.206	ng	# 1
77) Benzidine	13.015	184	19274	4.050	ng	# 93
84) Bis(2-ethylhexyl)phtha...	14.051	149	176	3.056	ng	# 54
85) Di-n-octyl phthalate	14.668	149	170	5.232	ng	# 1

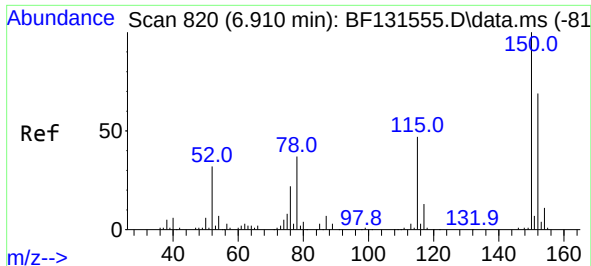
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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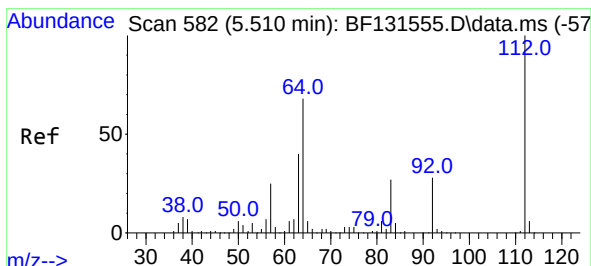
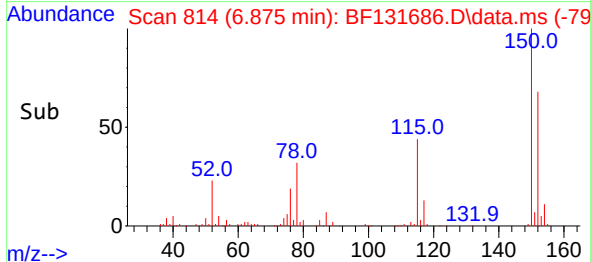
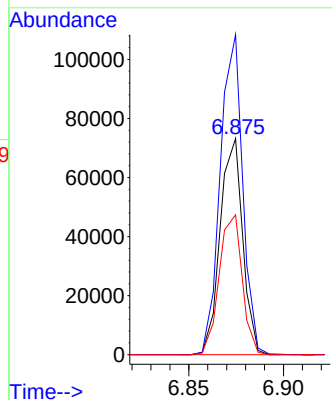
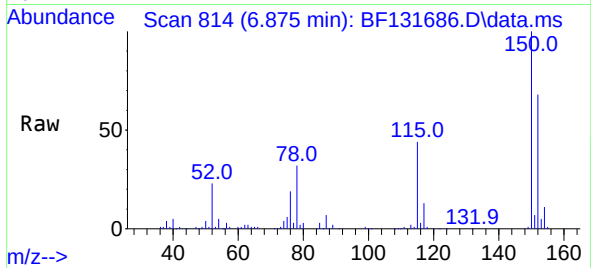




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131686.D
Acq: 19 Dec 2022 12:54

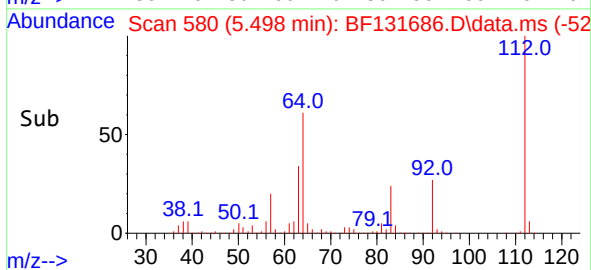
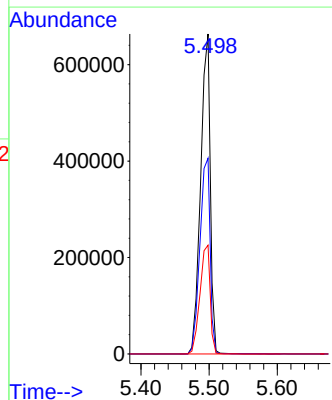
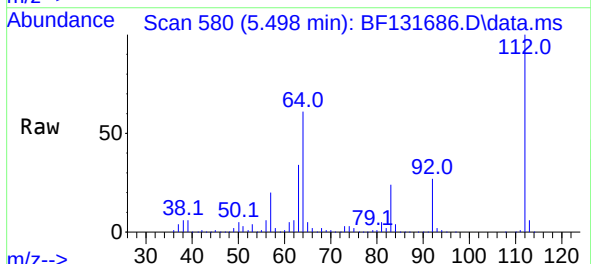
Instrument :
BNA_F
ClientSampleId :
SP6088

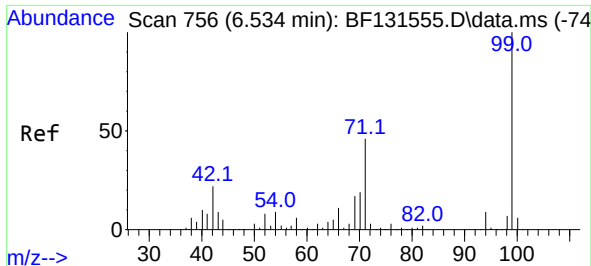
Tgt Ion:152 Resp: 60653
Ion Ratio Lower Upper
152 100
150 148.1 116.7 175.1
115 64.7 54.6 82.0



#5
2-Fluorophenol
Concen: 180.026 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF131686.D
Acq: 19 Dec 2022 12:54

Tgt Ion:112 Resp: 654510
Ion Ratio Lower Upper
112 100
64 61.1 54.5 81.7
63 34.0 31.9 47.9

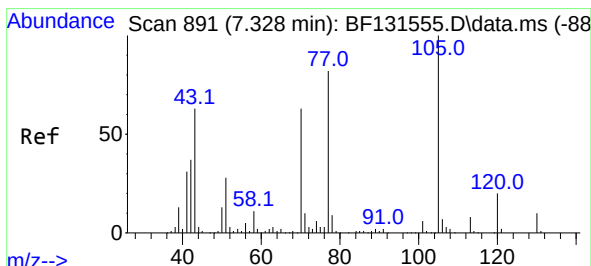
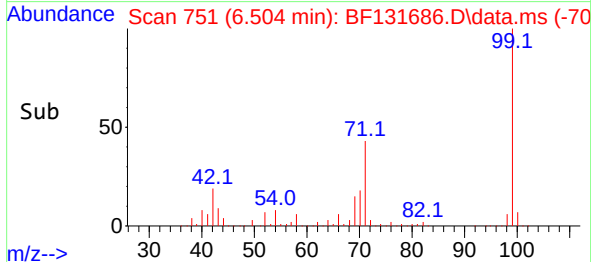
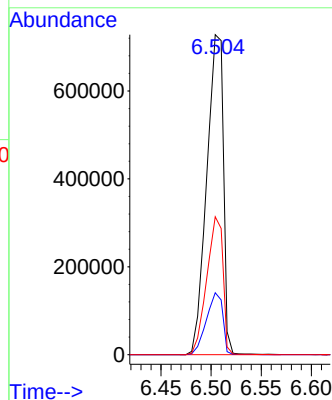
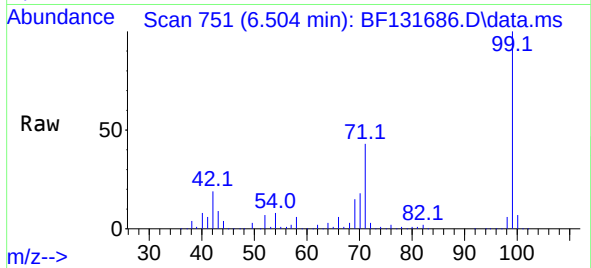




#7
Phenol-d6
Concen: 177.563 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131686.D
Acq: 19 Dec 2022 12:54

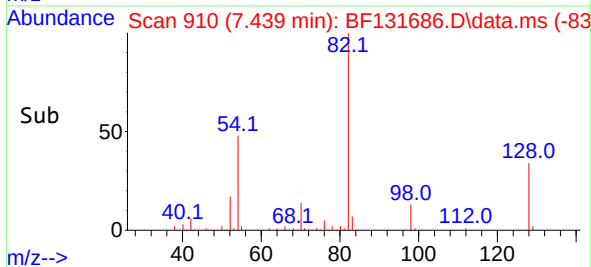
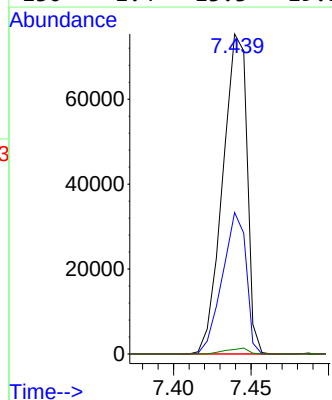
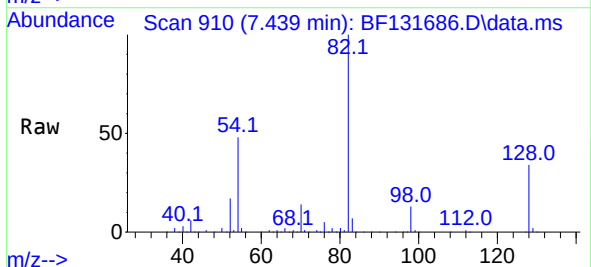
Instrument :
BNA_F
ClientSampleId :
SP6088

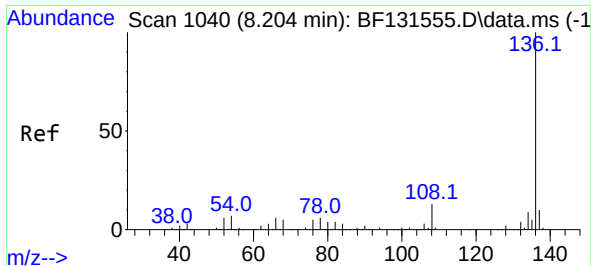
Tgt Ion: 99 Resp: 845957
Ion Ratio Lower Upper
99 100
42 19.4 17.9 26.9
71 43.1 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 23.040 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.147 min
Lab File: BF131686.D
Acq: 19 Dec 2022 12:54

Tgt Ion: 70 Resp: 82310
Ion Ratio Lower Upper
70 100
42 44.2 46.4 69.6#
101 0.0 7.2 10.8#
130 1.4 13.3 19.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF131686.D

Acq: 19 Dec 2022 12:54

Instrument :

BNA_F

ClientSampleId :

SP6088

Tgt Ion:136 Resp: 220622

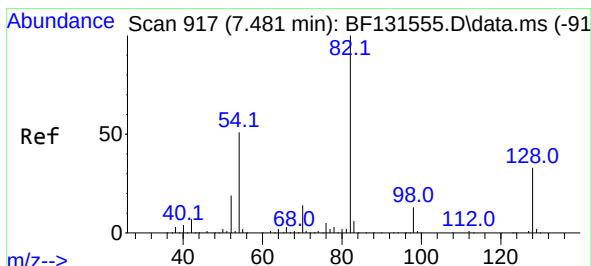
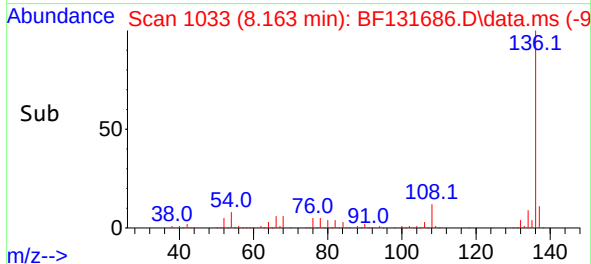
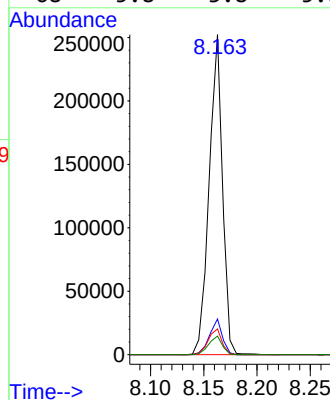
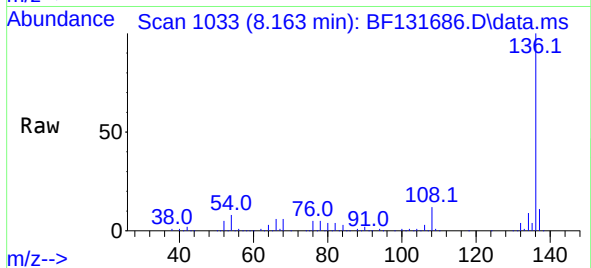
Ion Ratio Lower Upper

136 100

137 11.2 8.1 12.1

54 8.1 6.0 9.0

68 5.8 3.8 5.8#



#23

Nitrobenzene-d5

Concen: 101.879 ng

RT: 7.439 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF131686.D

Acq: 19 Dec 2022 12:54

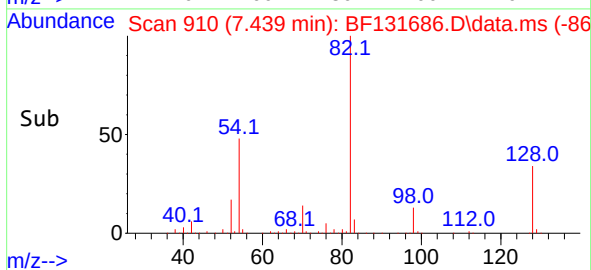
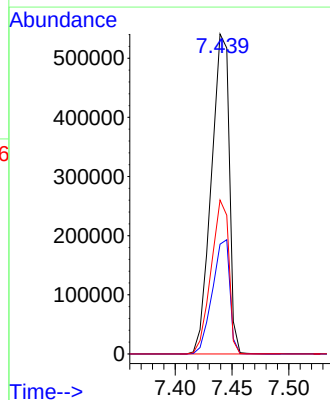
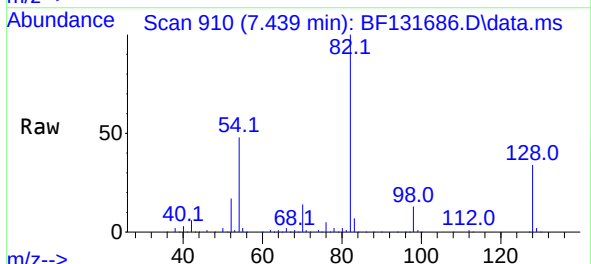
Tgt Ion: 82 Resp: 594519

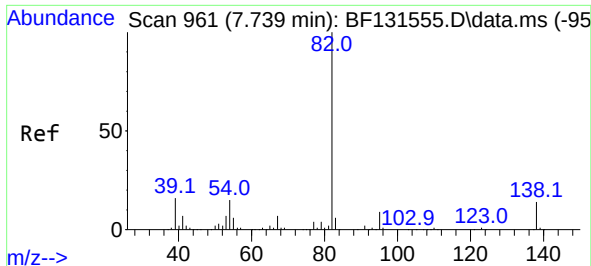
Ion Ratio Lower Upper

82 100

128 34.3 26.1 39.1

54 48.1 40.6 60.8

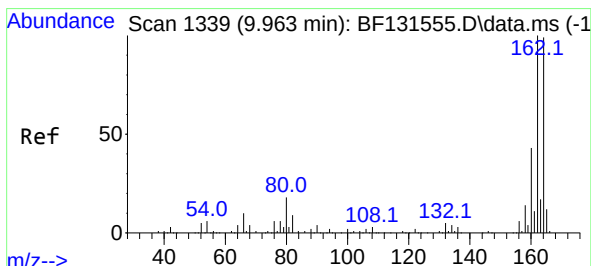
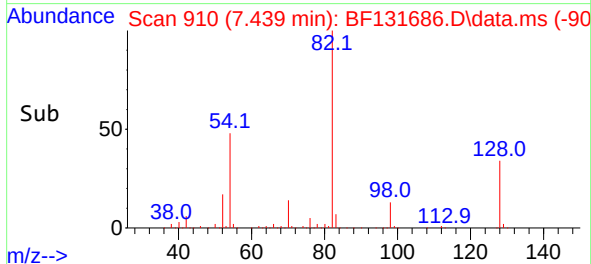
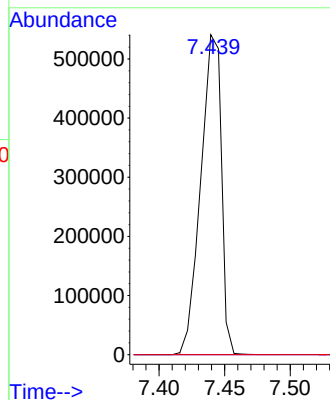
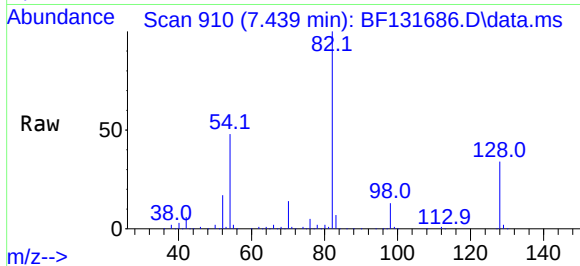




#25
Isophorone
Concen: 63.040 ng
RT: 7.439 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131686.D
Acq: 19 Dec 2022 12:54

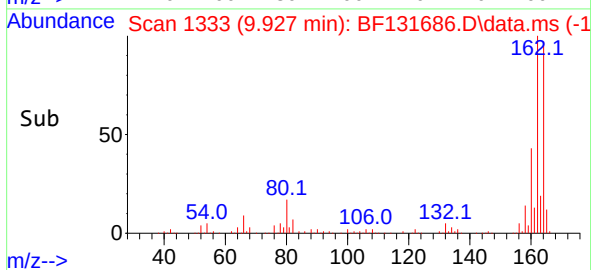
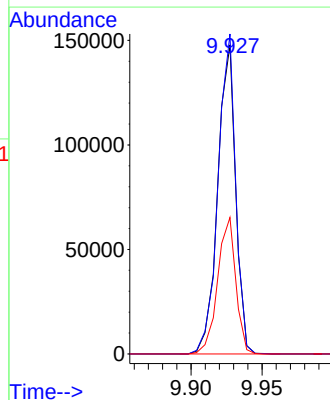
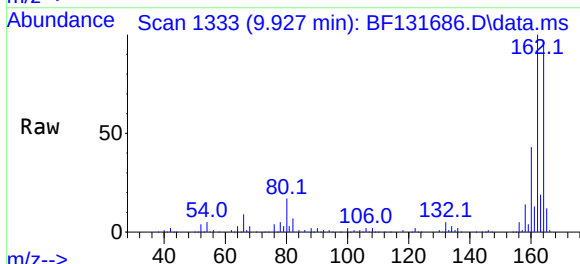
Instrument :
BNA_F
ClientSampleId :
SP6088

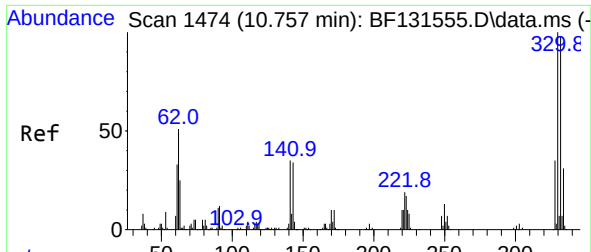
Tgt Ion: 82 Resp: 592548
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF131686.D
Acq: 19 Dec 2022 12:54

Tgt Ion:164 Resp: 129817
Ion Ratio Lower Upper
164 100
162 103.5 81.0 121.6
160 44.2 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 173.823 ng

RT: 10.722 min Scan# 1468

Delta R.T. -0.000 min

Lab File: BF131686.D

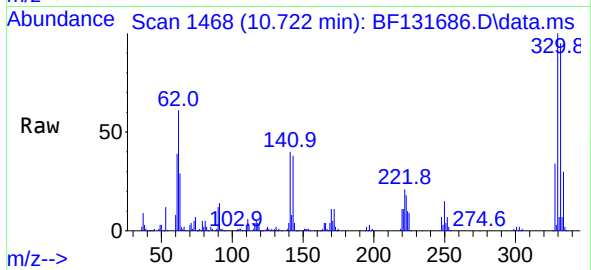
Acq: 19 Dec 2022 12:54

Instrument :

BNA_F

ClientSampleId :

SP6088



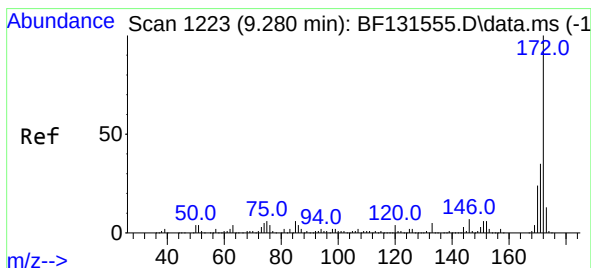
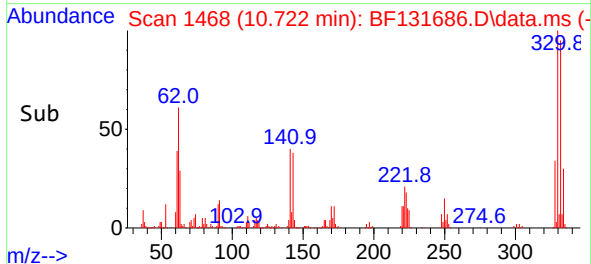
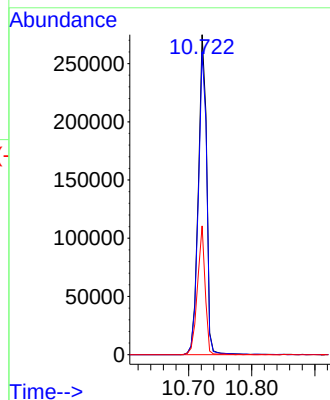
Tgt Ion:330 Resp: 250706

Ion Ratio Lower Upper

330 100

332 95.0 78.3 117.5

141 37.3 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 103.536 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.000 min

Lab File: BF131686.D

Acq: 19 Dec 2022 12:54

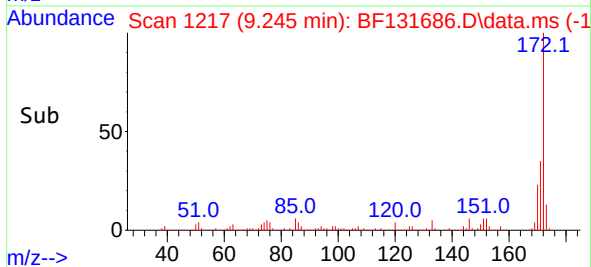
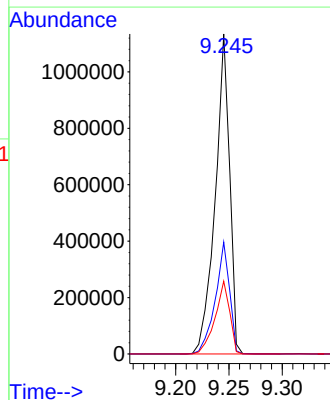
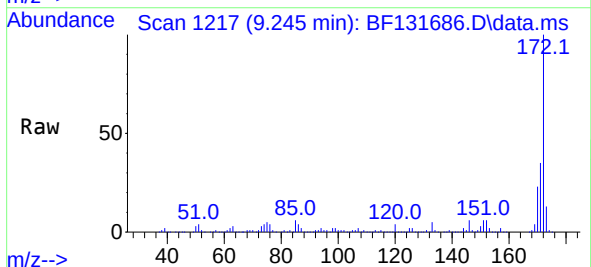
Tgt Ion:172 Resp: 1065984

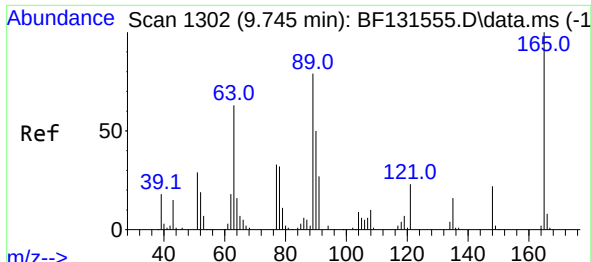
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 22.8 19.3 28.9





#51

2,6-Dinitrotoluene

Concen: 8.168 ng

RT: 9.927 min Scan# 1333

Delta R.T. 0.218 min

Lab File: BF131686.D

Acq: 19 Dec 2022 12:54

Instrument :

BNA_F

ClientSampleId :

SP6088

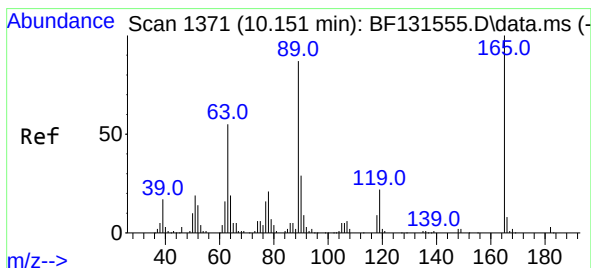
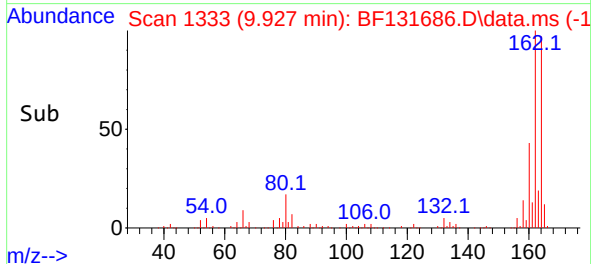
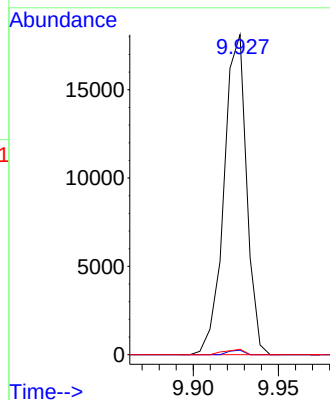
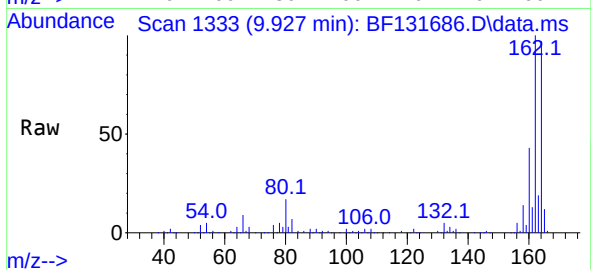
Tgt Ion:165 Resp: 16688

Ion Ratio Lower Upper

165 100

63 1.4 67.9 101.9#

89 1.7 63.2 94.8#



#57

2,4-Dinitrotoluene

Concen: 6.158 ng

RT: 9.927 min Scan# 1333

Delta R.T. -0.188 min

Lab File: BF131686.D

Acq: 19 Dec 2022 12:54

Tgt Ion:165 Resp: 16688

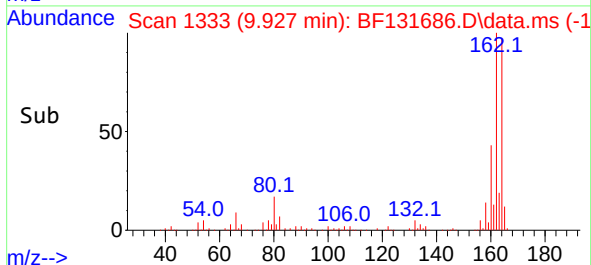
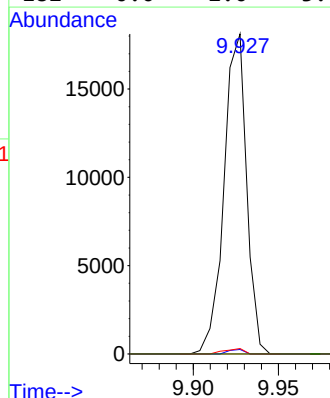
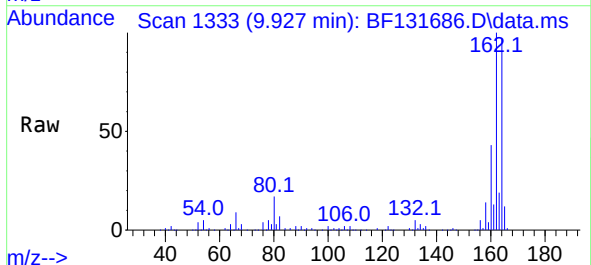
Ion Ratio Lower Upper

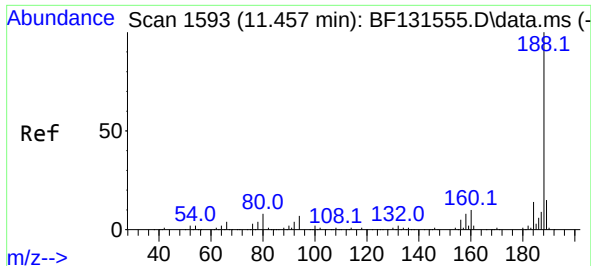
165 100

63 1.4 44.4 66.6#

89 1.7 69.6 104.4#

182 0.0 2.0 3.0#

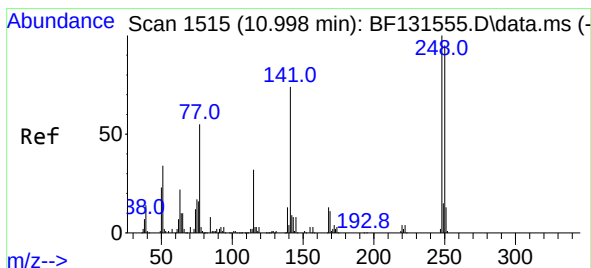
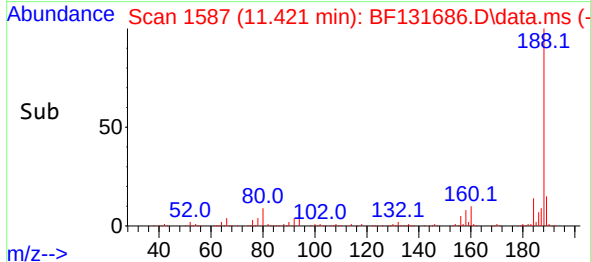
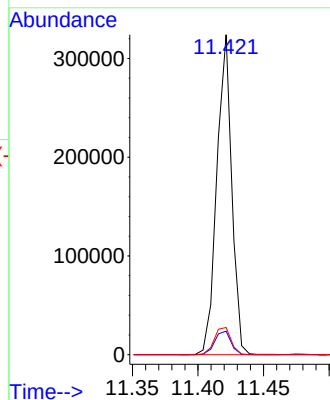
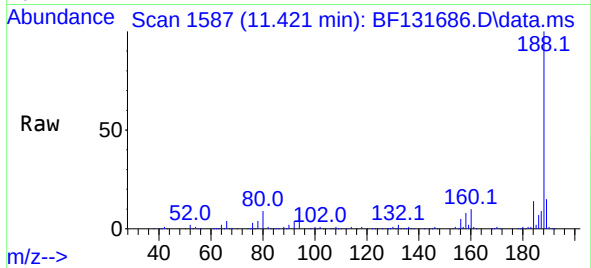




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131686.D
Acq: 19 Dec 2022 12:54

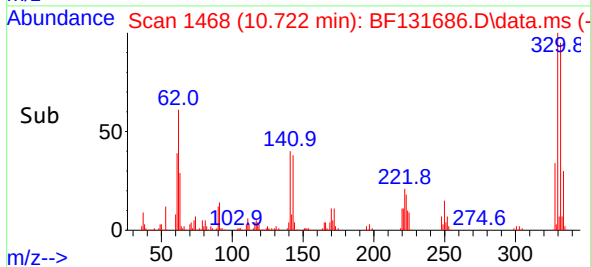
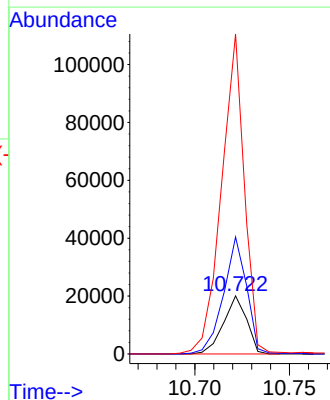
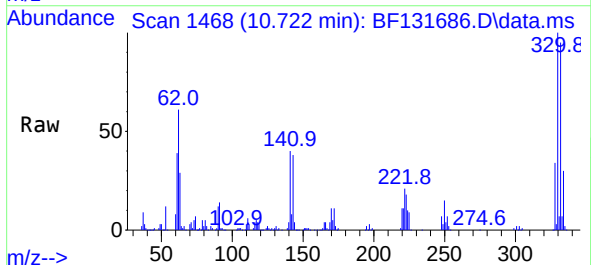
Instrument :
BNA_F
ClientSampleId :
SP6088

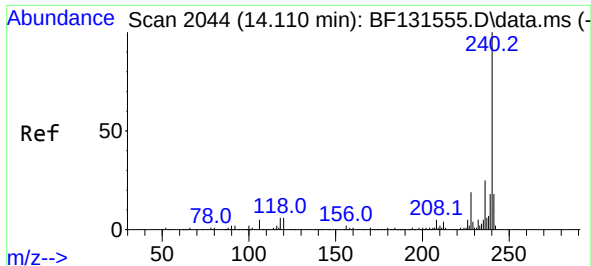
Tgt Ion:188 Resp: 256530
Ion Ratio Lower Upper
188 100
94 7.4 5.5 8.3
80 8.5 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 5.206 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF131686.D
Acq: 19 Dec 2022 12:54

Tgt Ion:248 Resp: 17179
Ion Ratio Lower Upper
248 100
250 201.2 76.2 114.2#
141 550.5 59.5 89.3#

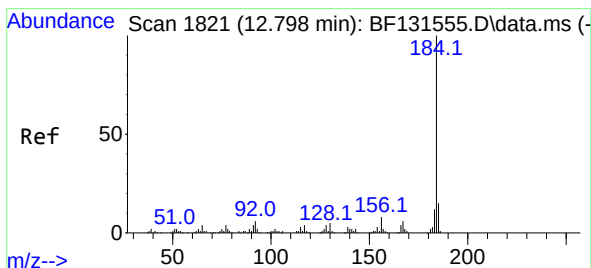
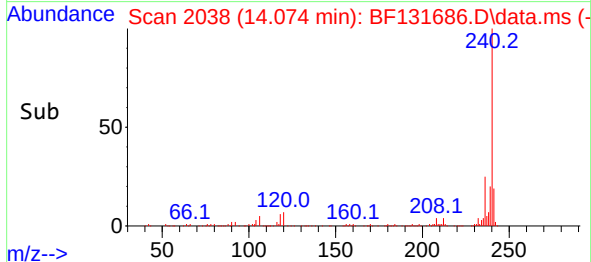
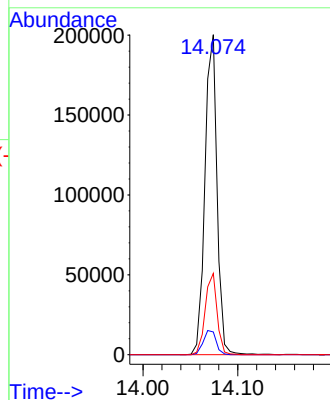
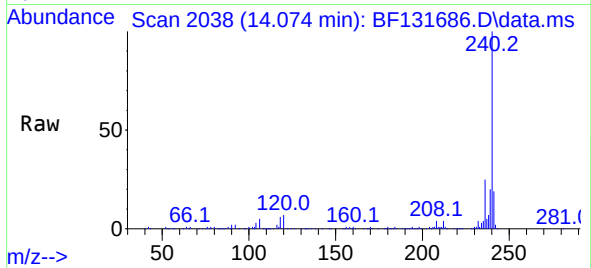




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2044
Delta R.T. -0.000 min
Lab File: BF131686.D
Acq: 19 Dec 2022 12:54

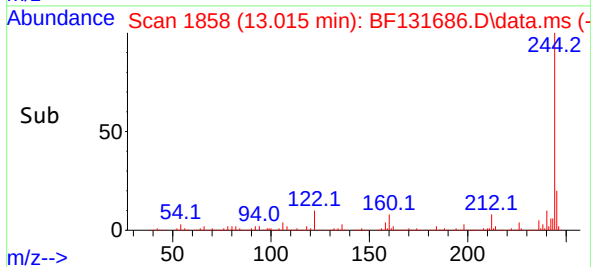
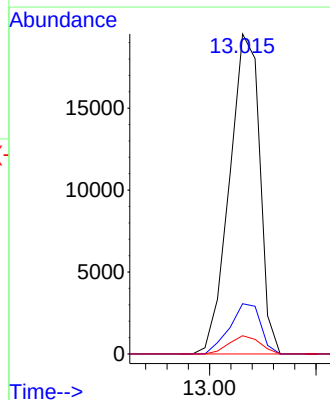
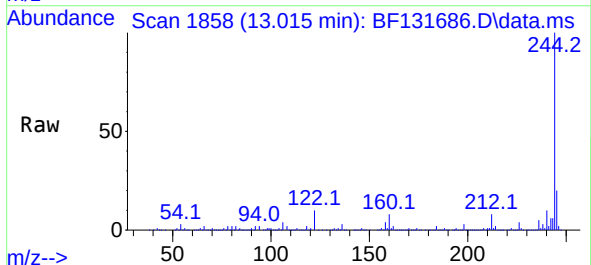
Instrument :
BNA_F
ClientSampleId :
SP6088

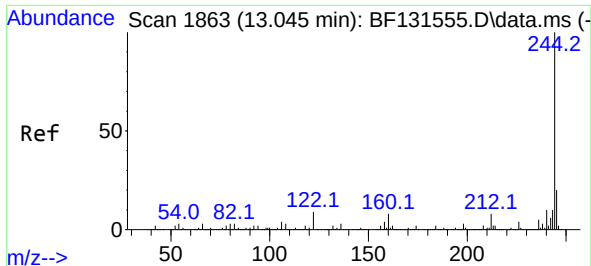
Tgt Ion:240 Resp: 177631
Ion Ratio Lower Upper
240 100
120 7.1 4.6 7.0#
236 25.4 20.2 30.2



#77
Benzidine
Concen: 4.050 ng
RT: 13.015 min Scan# 1858
Delta R.T. 0.253 min
Lab File: BF131686.D
Acq: 19 Dec 2022 12:54

Tgt Ion:184 Resp: 19274
Ion Ratio Lower Upper
184 100
185 15.7 12.2 18.2
183 5.7 9.3 13.9#



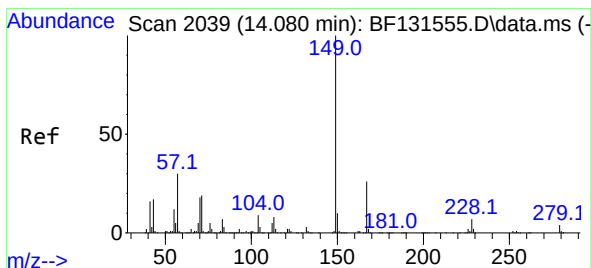
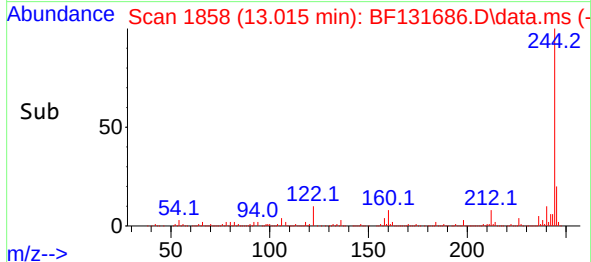
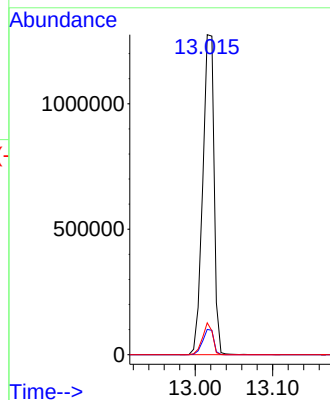
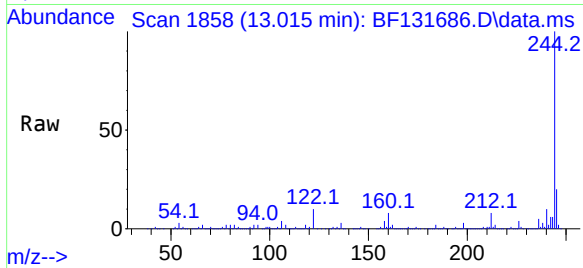


#79
 Terphenyl-d14
 Concen: 99.905 ng
 RT: 13.015 min Scan# 1858
 Delta R.T. 0.006 min
 Lab File: BF131686.D
 Acq: 19 Dec 2022 12:54

Instrument :
 BNA_F
 ClientSampleId :
 SP6088

Tgt Ion:244 Resp: 1294025

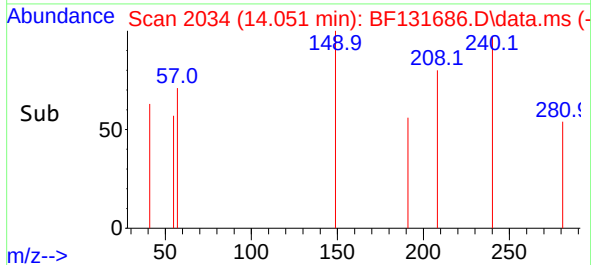
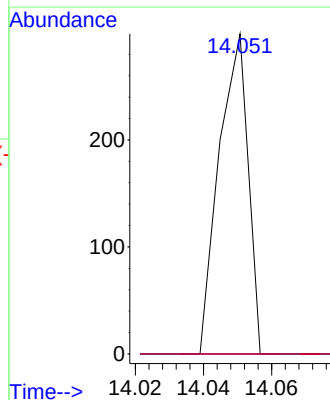
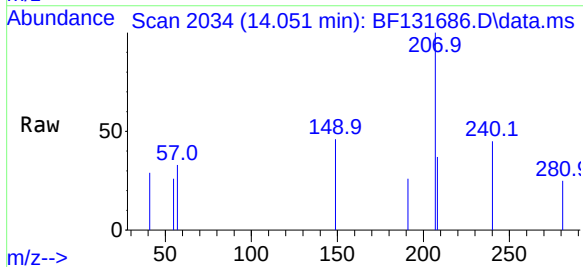
Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	10.0	7.1	10.7

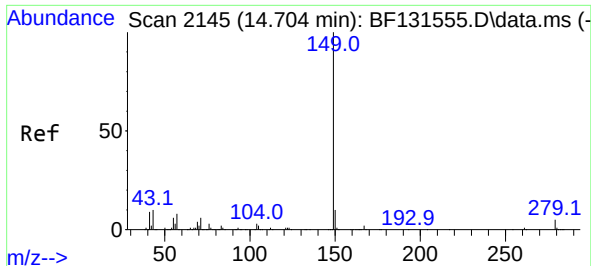


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.056 ng
 RT: 14.051 min Scan# 2034
 Delta R.T. -0.000 min
 Lab File: BF131686.D
 Acq: 19 Dec 2022 12:54

Tgt Ion:149 Resp: 176

Ion	Ratio	Lower	Upper
149	100		
167	0.0	20.8	31.2#
279	0.0	3.3	4.9#

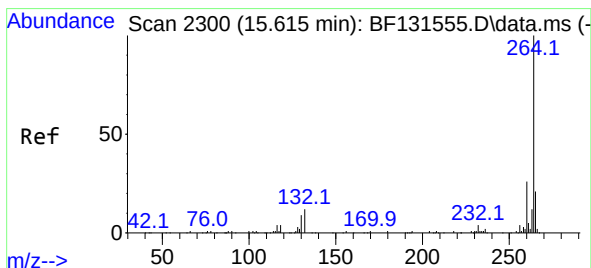
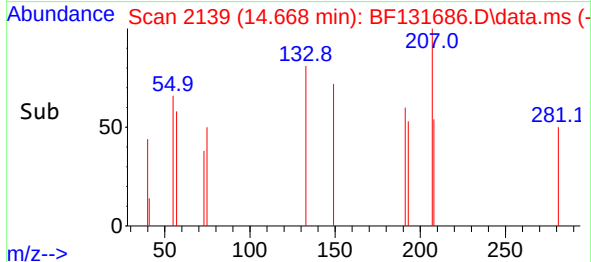
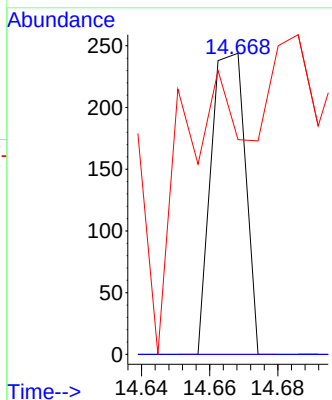
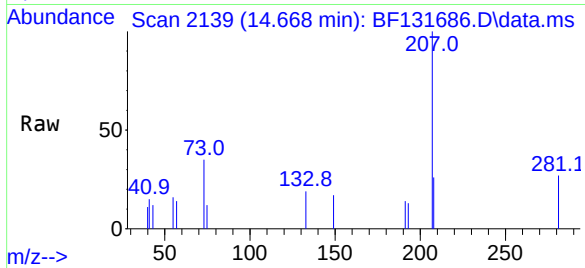




#85
Di-n-octyl phthalate
Concen: 5.232 ng
RT: 14.668 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BF131686.D
Acq: 19 Dec 2022 12:54

Instrument :
BNA_F
ClientSampleId :
SP6088

Tgt Ion:149 Resp: 170
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 196.5 8.6 13.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. -0.000 min
Lab File: BF131686.D
Acq: 19 Dec 2022 12:54

Tgt Ion:264 Resp: 136012
Ion Ratio Lower Upper
264 100
260 24.1 20.6 30.8
265 21.0 16.8 25.2

