

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120922\
 Data File : BF131575.D
 Acq On : 09 Dec 2022 19:45
 Operator : CG\JU
 Sample : N5963-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200014-RB21197

Quant Time: Dec 10 04:04:10 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)

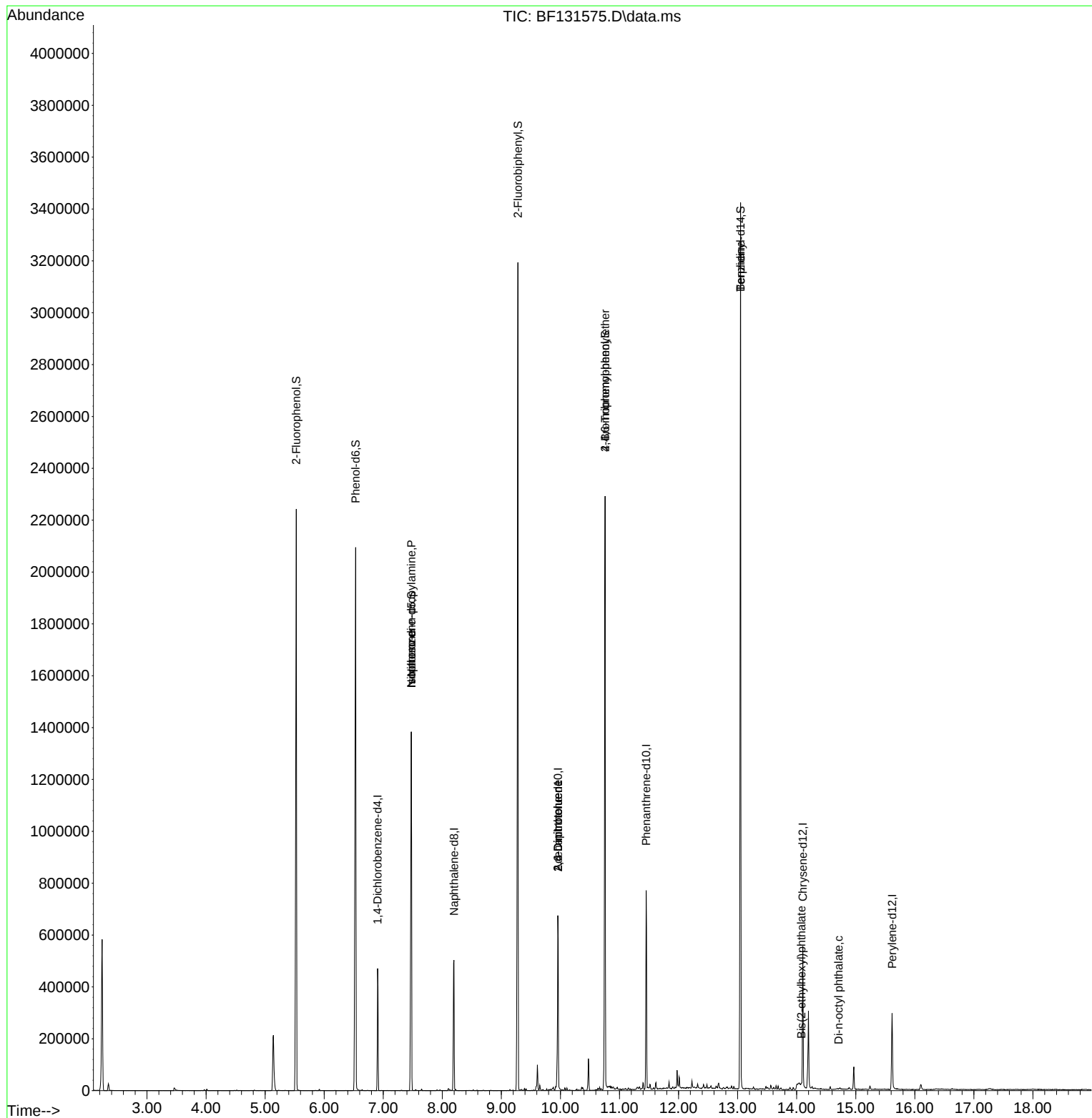
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	62848	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	227335	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	136242	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	266972	20.000	ng	0.00
76) Chrysene-d12	14.104	240	166529	20.000	ng	0.00
86) Perylene-d12	15.615	264	135449	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	568256	150.842	ng	0.02
7) Phenol-d6	6.534	99	750725	152.071	ng	0.00
23) Nitrobenzene-d5	7.475	82	530996	88.307	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	248625	164.251	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	967749	89.562	ng	0.00
79) Terphenyl-d14	13.051	244	1131795	93.206	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	77105	20.830	ng	# 81
25) Isophorone	7.475	82	529210	54.639	ng	# 69
51) 2,6-Dinitrotoluene	9.957	165	17252	8.046	ng	# 10
57) 2,4-Dinitrotoluene	9.957	165	17252	6.066	ng	# 16
67) 4-Bromophenyl-phenylether	10.757	248	17381	5.061	ng	# 1
77) Benzidine	13.051	184	17961	4.025	ng	# 94
84) Bis(2-ethylhexyl)phtha...	14.080	149	2548	3.401	ng	# 98
85) Di-n-octyl phthalate	14.710	149	66	5.224	ng	# 1

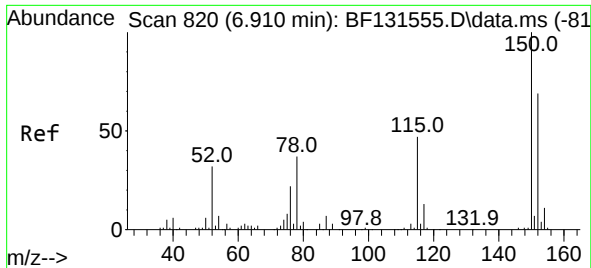
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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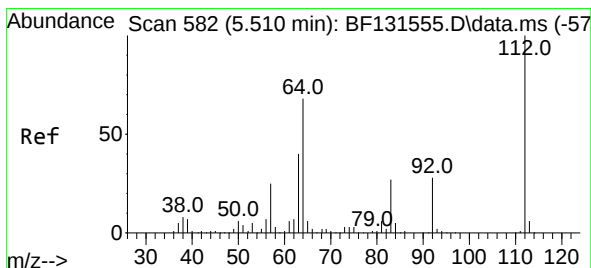
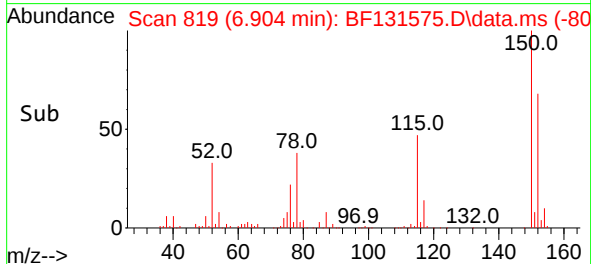
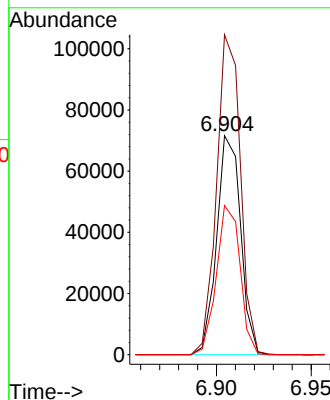
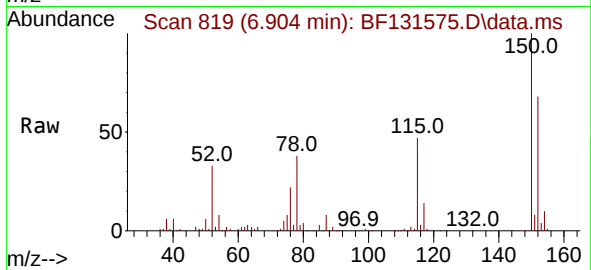




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131575.D
Acq: 09 Dec 2022 19:45

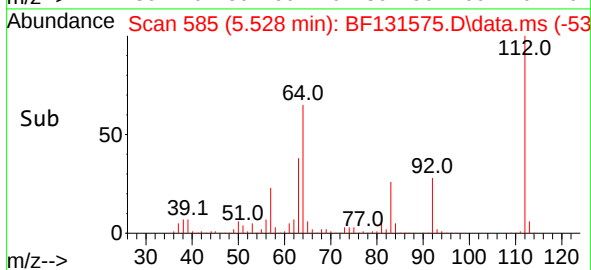
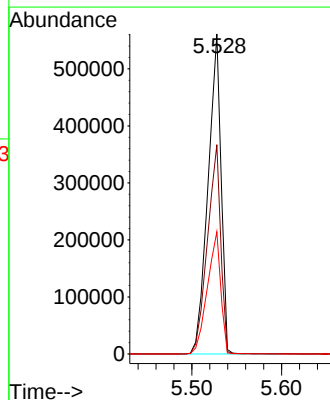
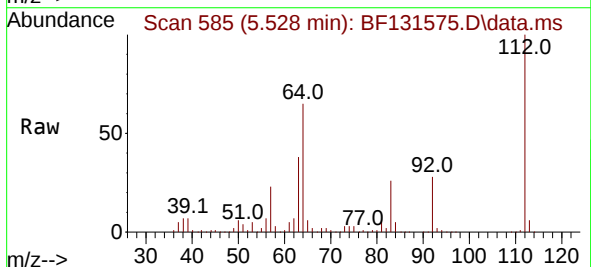
Instrument :
BNA_F
ClientSampleId :
RBR200014-RB21197

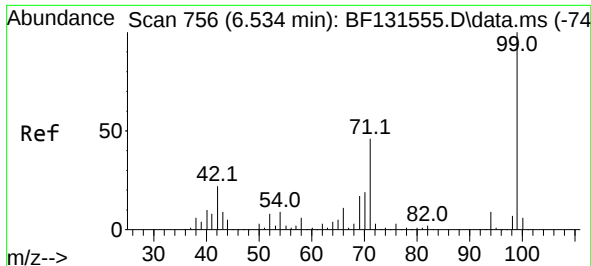
Tgt Ion:152 Resp: 62848
Ion Ratio Lower Upper
152 100
150 146.1 116.7 175.1
115 68.1 54.6 82.0



#5
2-Fluorophenol
Concen: 150.842 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF131575.D
Acq: 09 Dec 2022 19:45

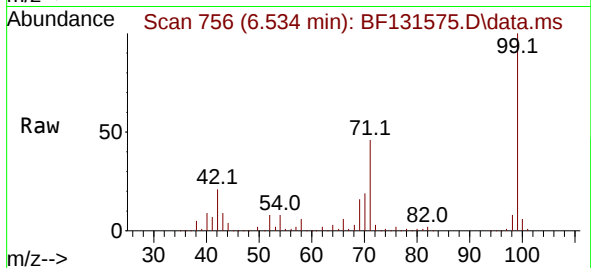
Tgt Ion:112 Resp: 568256
Ion Ratio Lower Upper
112 100
64 65.4 54.5 81.7
63 38.2 31.9 47.9



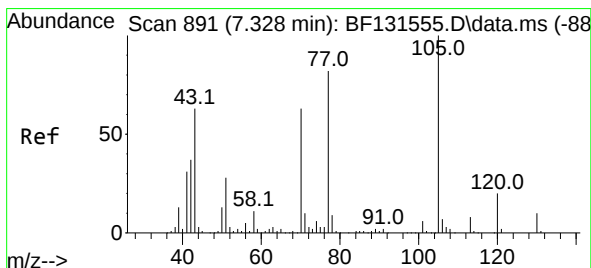
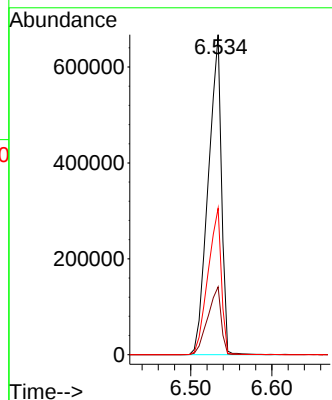
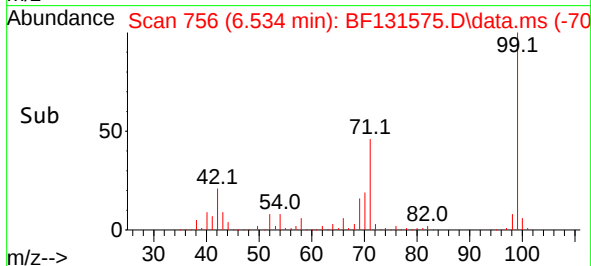


#7
Phenol-d6
Concen: 152.071 ng
RT: 6.534 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131575.D
Acq: 09 Dec 2022 19:45

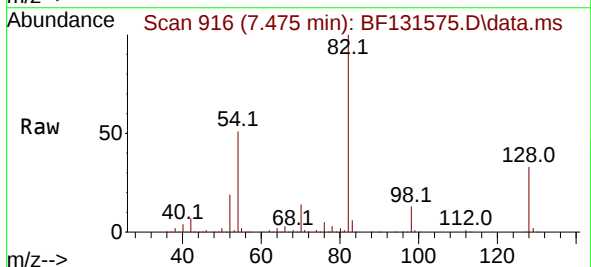
Instrument :
BNA_F
ClientSampleId :
RBR200014-RB21197



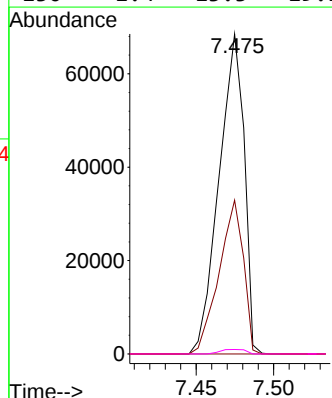
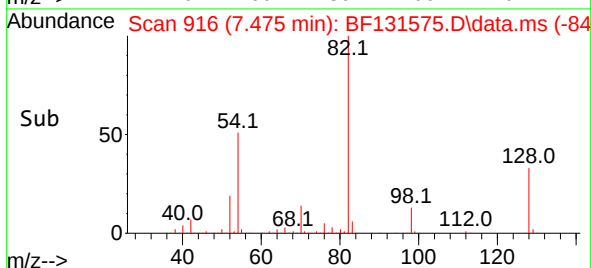
Tgt Ion: 99 Resp: 750725
Ion Ratio Lower Upper
99 100
42 21.2 17.9 26.9
71 45.7 37.2 55.8

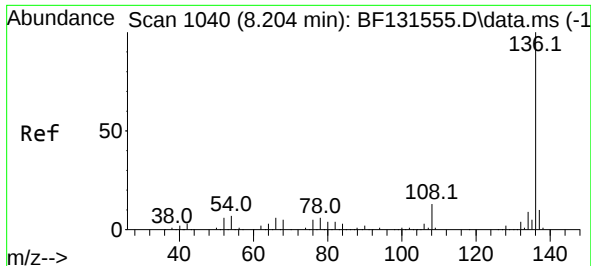


#19
n-Nitroso-di-n-propylamine
Concen: 20.830 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF131575.D
Acq: 09 Dec 2022 19:45



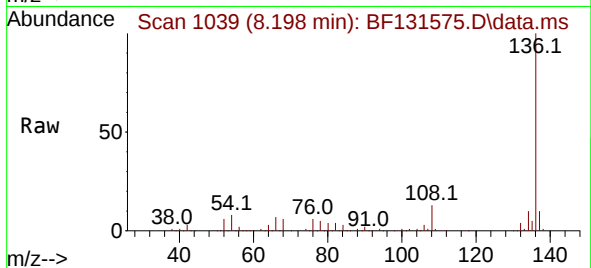
Tgt Ion: 70 Resp: 77105
Ion Ratio Lower Upper
70 100
42 48.0 46.4 69.6
101 0.0 7.2 10.8#
130 1.4 13.3 19.9#



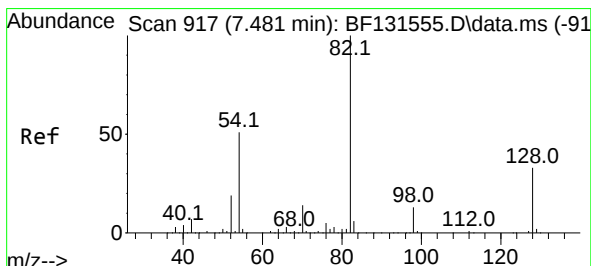
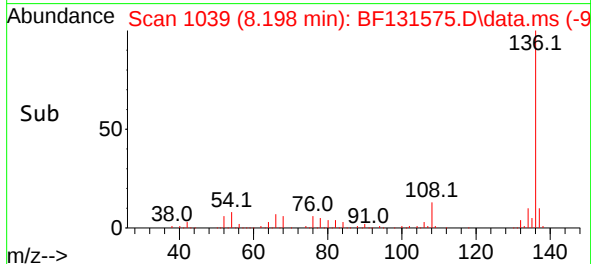
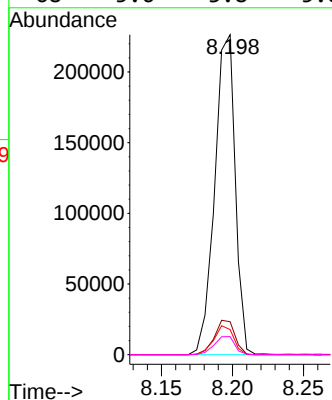


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131575.D
Acq: 09 Dec 2022 19:45

Instrument :
BNA_F
ClientSampleId :
RBR200014-RB21197

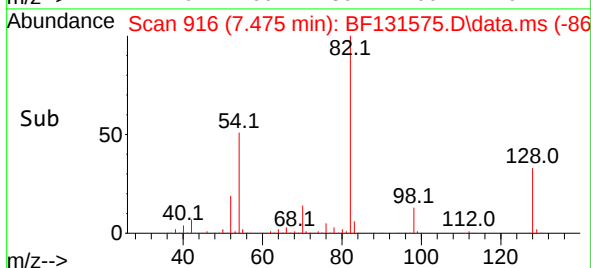
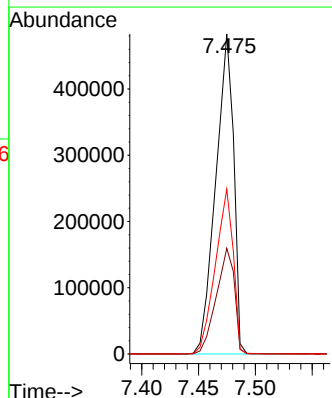
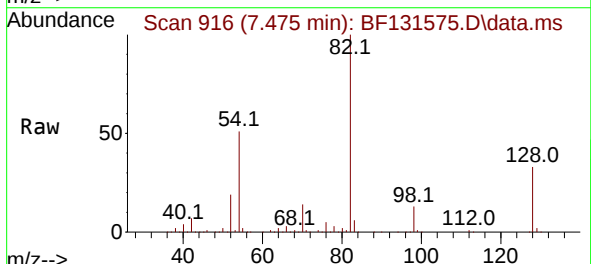


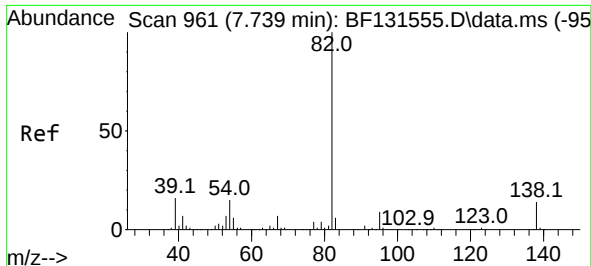
Tgt Ion:136 Resp: 227335
Ion Ratio Lower Upper
136 100
137 10.3 8.1 12.1
54 7.9 6.0 9.0
68 5.6 3.8 5.8



#23
Nitrobenzene-d5
Concen: 88.307 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF131575.D
Acq: 09 Dec 2022 19:45

Tgt Ion: 82 Resp: 530996
Ion Ratio Lower Upper
82 100
128 33.1 26.1 39.1
54 51.5 40.6 60.8

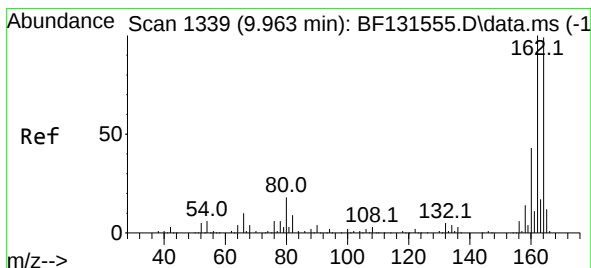
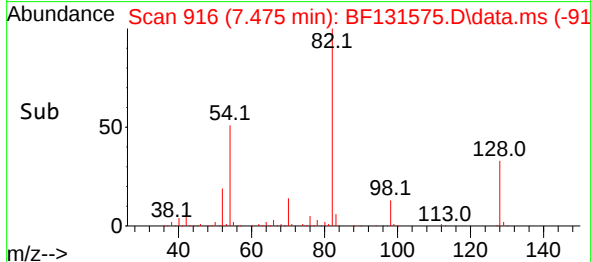
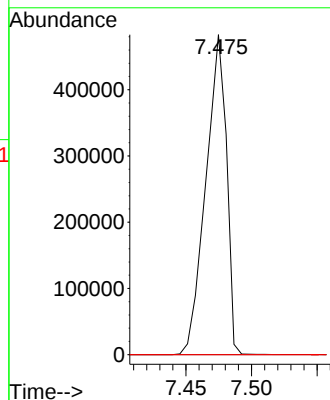
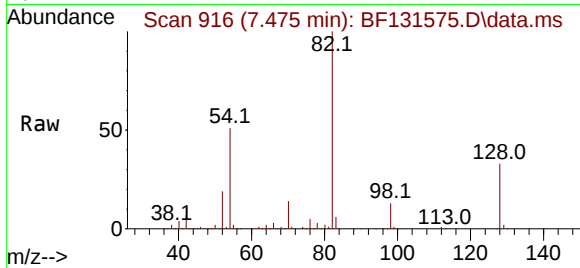




#25
Isophorone
Concen: 54.639 ng
RT: 7.475 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131575.D
Acq: 09 Dec 2022 19:45

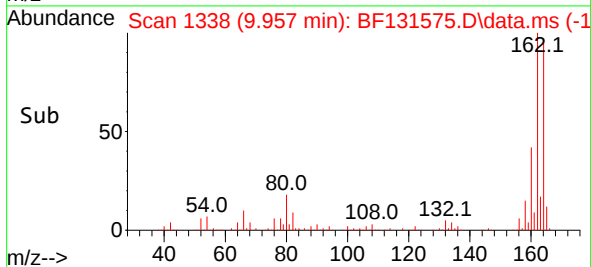
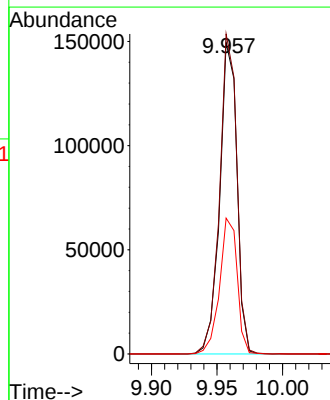
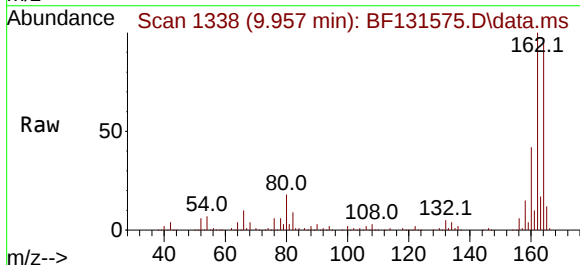
Instrument :
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ClientSampleId :
RBR200014-RB21197

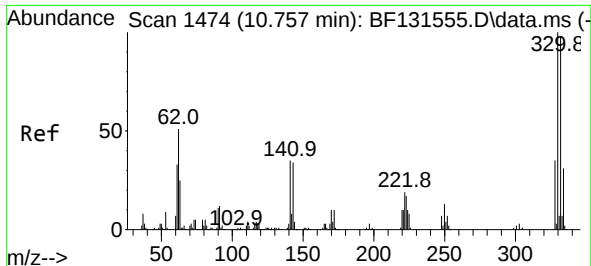
Tgt Ion: 82 Resp: 529210
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF131575.D
Acq: 09 Dec 2022 19:45

Tgt Ion: 164 Resp: 136242
Ion Ratio Lower Upper
164 100
162 102.8 81.0 121.6
160 43.6 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 164.251 ng

RT: 10.757 min Scan# 1474

Delta R.T. 0.000 min

Lab File: BF131575.D

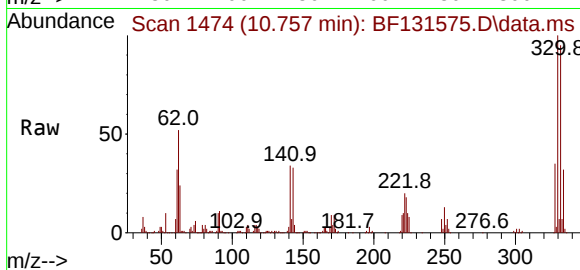
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Instrument :

BNA_F

ClientSampleId :

RBR200014-RB21197



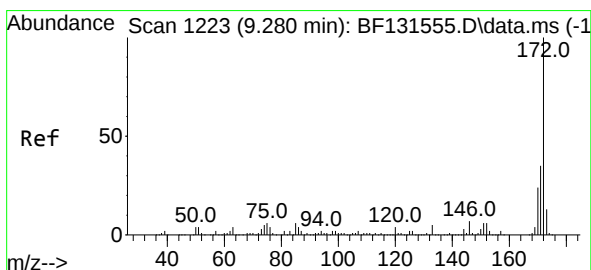
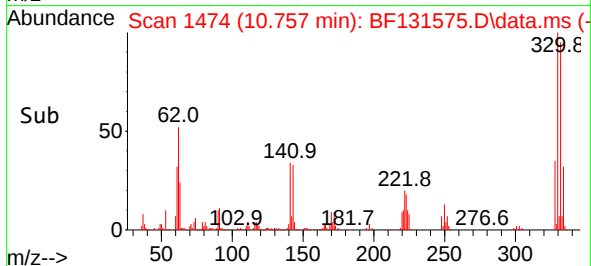
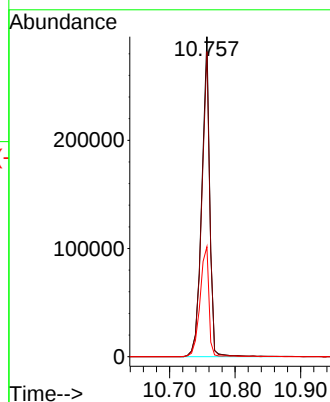
Tgt Ion:330 Resp: 248625

Ion Ratio Lower Upper

330 100

332 96.6 78.3 117.5

141 38.5 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 89.562 ng

RT: 9.281 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF131575.D

Acq: 09 Dec 2022 19:45

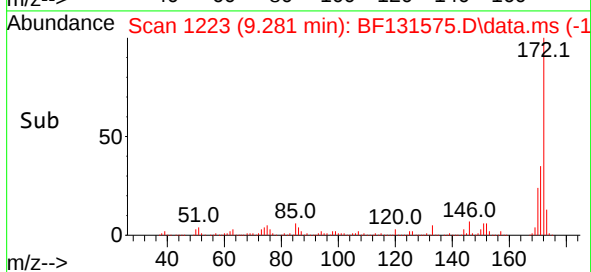
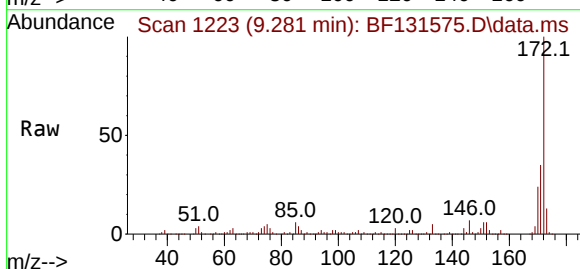
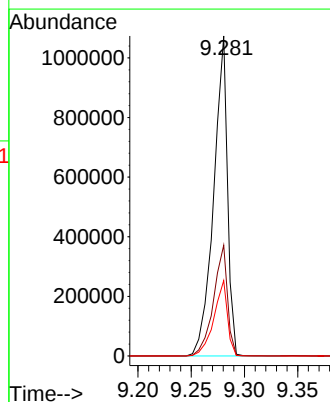
Tgt Ion:172 Resp: 967749

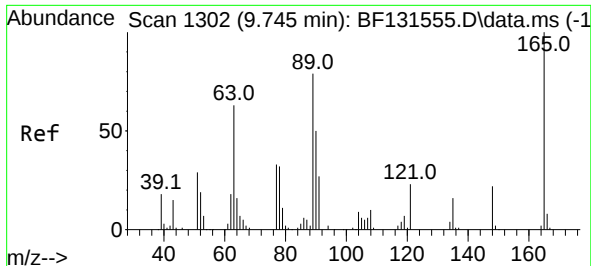
Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 23.6 19.3 28.9

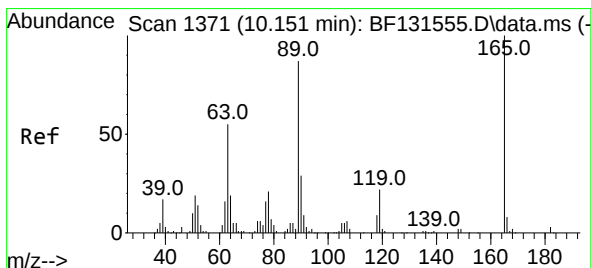
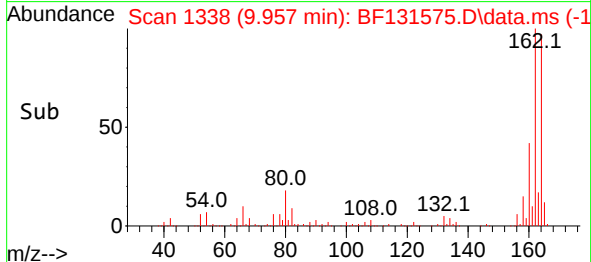
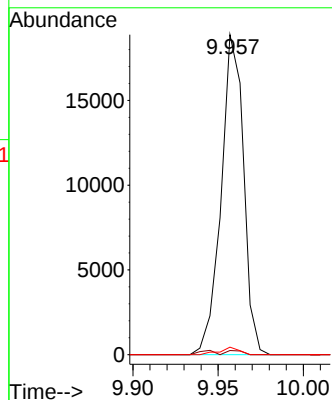
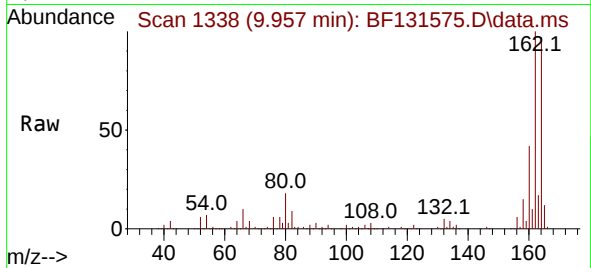




#51
2,6-Dinitrotoluene
Concen: 8.046 ng
RT: 9.957 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131575.D
Acq: 09 Dec 2022 19:45

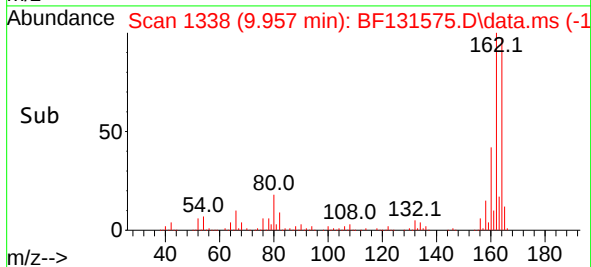
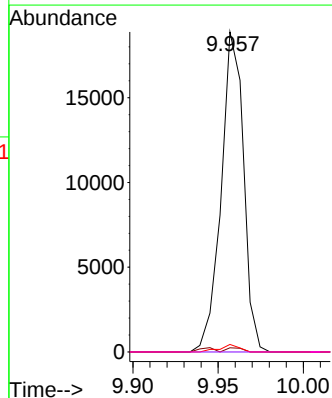
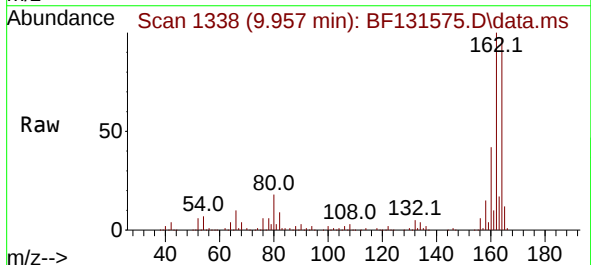
Instrument :
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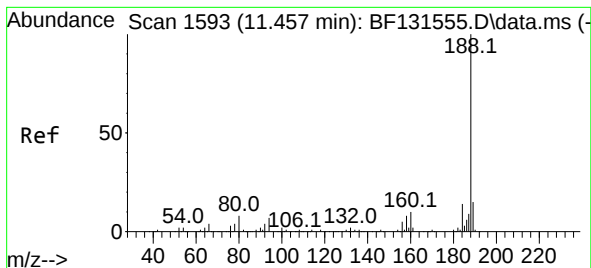
Tgt Ion:165 Resp: 17252
Ion Ratio Lower Upper
165 100
63 1.3 67.9 101.9#
89 2.3 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 6.066 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.194 min
Lab File: BF131575.D
Acq: 09 Dec 2022 19:45

Tgt Ion:165 Resp: 17252
Ion Ratio Lower Upper
165 100
63 1.3 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: 11.451 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131575.D

Acq: 09 Dec 2022 19:45

Instrument :

BNA_F

ClientSampleId :

RBR200014-RB21197

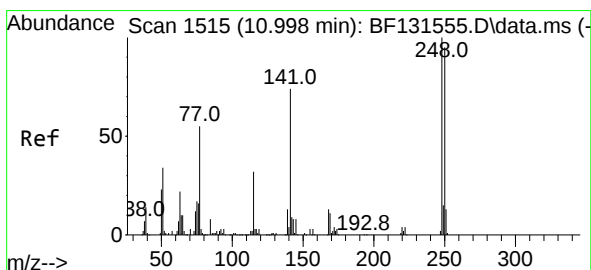
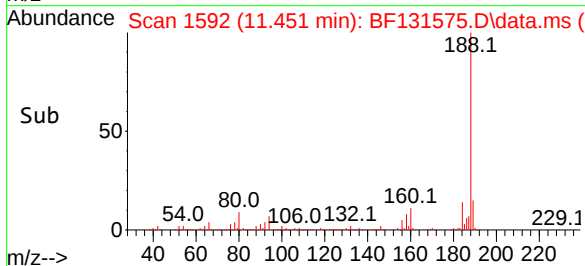
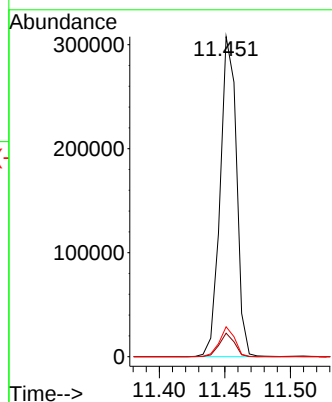
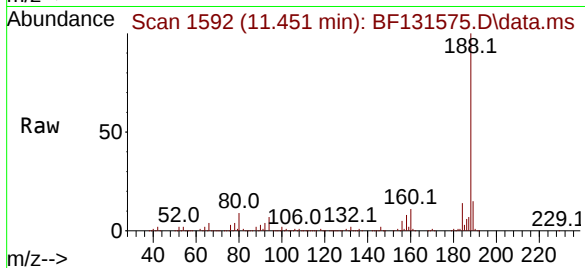
Tgt Ion:188 Resp: 266972

Ion Ratio Lower Upper

188 100

94 7.3 5.5 8.3

80 9.3 6.6 10.0



#67

4-Bromophenyl-phenylether

Concen: 5.061 ng

RT: 10.757 min Scan# 1474

Delta R.T. -0.241 min

Lab File: BF131575.D

Acq: 09 Dec 2022 19:45

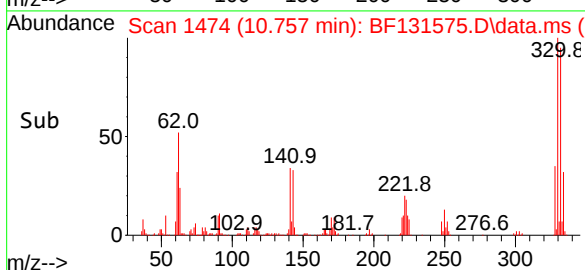
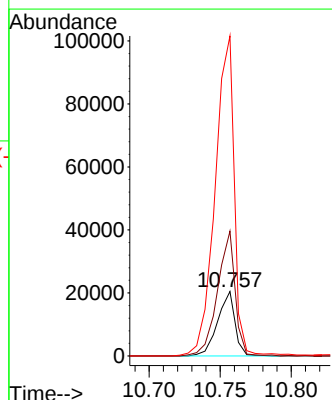
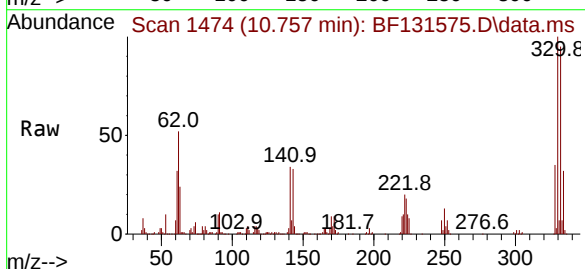
Tgt Ion:248 Resp: 17381

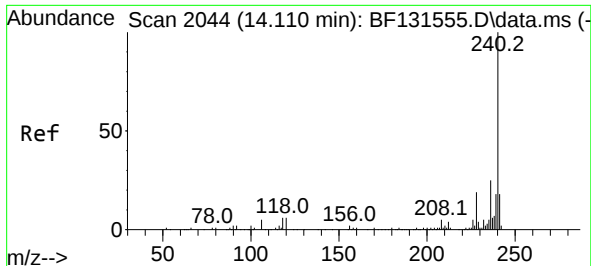
Ion Ratio Lower Upper

248 100

250 193.7 76.2 114.2#

141 496.3 59.5 89.3#

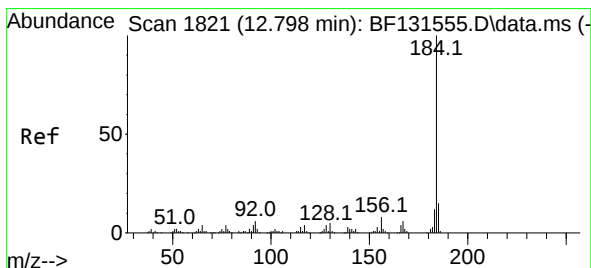
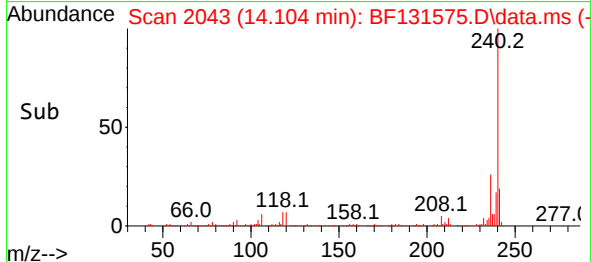
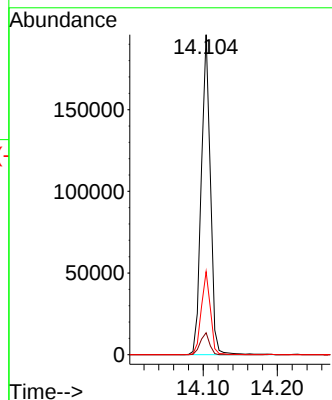
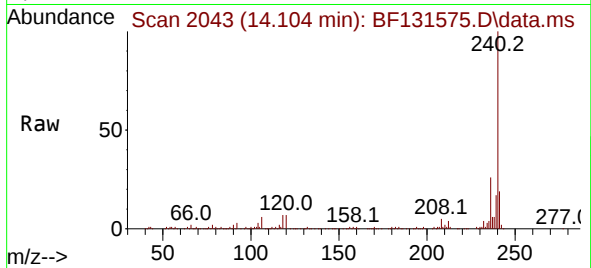




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BF131575.D
Acq: 09 Dec 2022 19:45

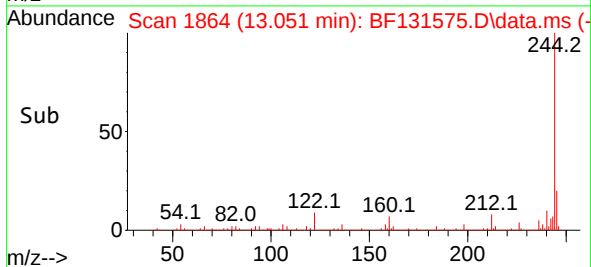
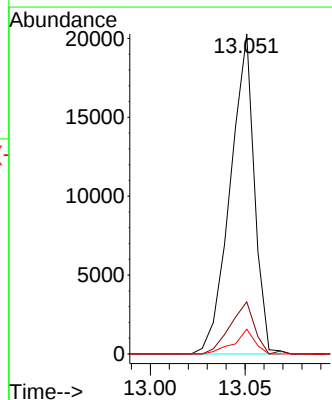
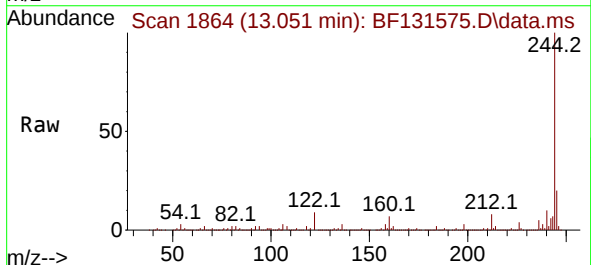
Instrument :
BNA_F
ClientSampleId :
RBR200014-RB21197

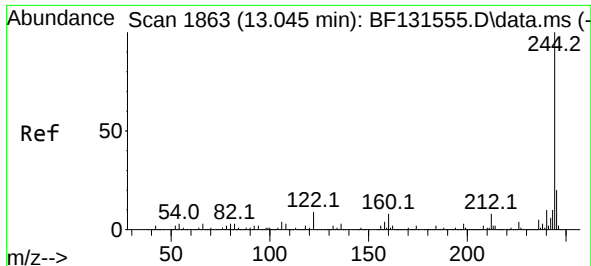
Tgt Ion:240 Resp: 166529
Ion Ratio Lower Upper
240 100
120 6.9 4.6 7.0
236 25.9 20.2 30.2



#77
Benzidine
Concen: 4.025 ng
RT: 13.051 min Scan# 1864
Delta R.T. 0.253 min
Lab File: BF131575.D
Acq: 09 Dec 2022 19:45

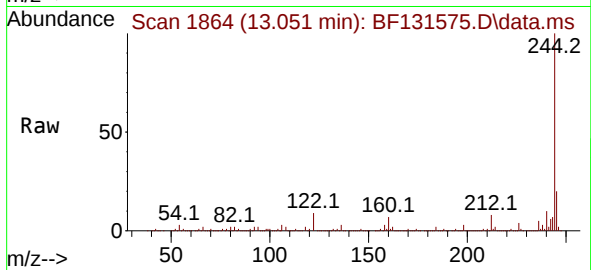
Tgt Ion:184 Resp: 17961
Ion Ratio Lower Upper
184 100
185 16.3 12.2 18.2
183 7.8 9.3 13.9#



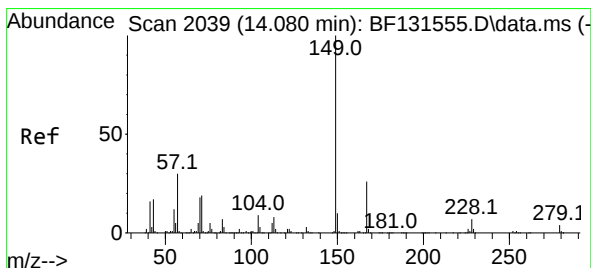
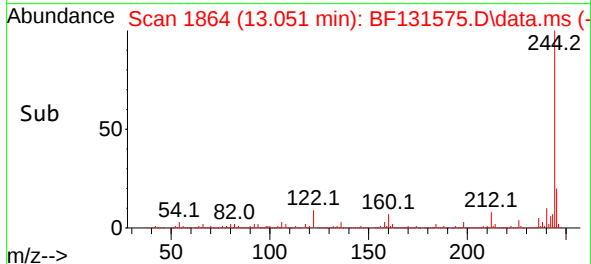
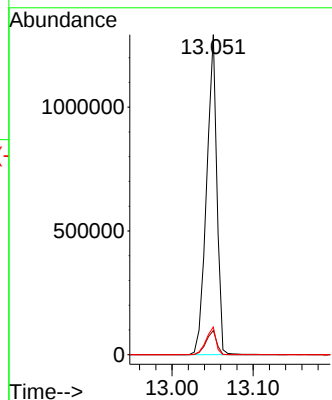


#79
 Terphenyl-d14
 Concen: 93.206 ng
 RT: 13.051 min Scan# 1864
 Delta R.T. 0.006 min
 Lab File: BF131575.D
 Acq: 09 Dec 2022 19:45

Instrument :
 BNA_F
 ClientSampleId :
 RBR200014-RB21197

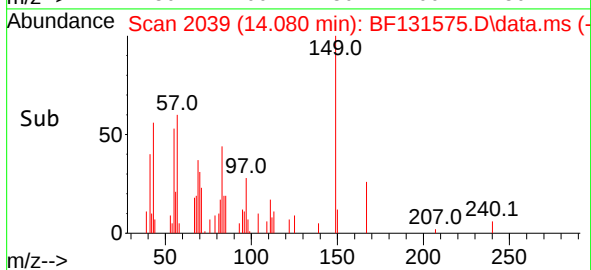
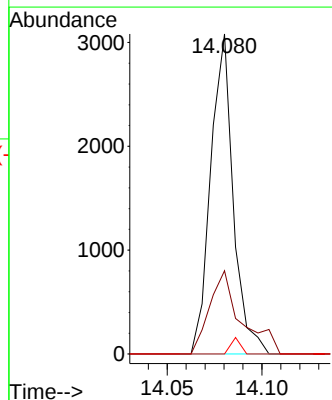
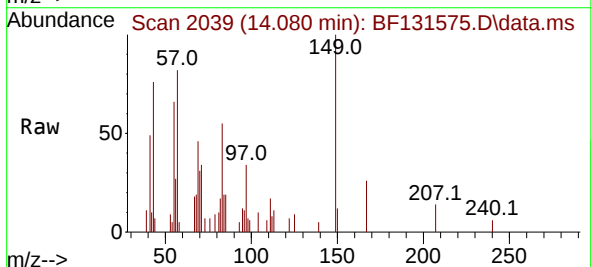


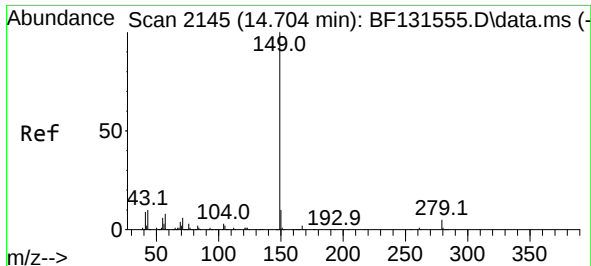
Tgt Ion:244 Resp: 1131795
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 8.7 7.1 10.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.401 ng
 RT: 14.080 min Scan# 2039
 Delta R.T. 0.000 min
 Lab File: BF131575.D
 Acq: 09 Dec 2022 19:45

Tgt Ion:149 Resp: 2548
 Ion Ratio Lower Upper
 149 100
 167 26.0 20.8 31.2
 279 0.0 3.3 4.9#

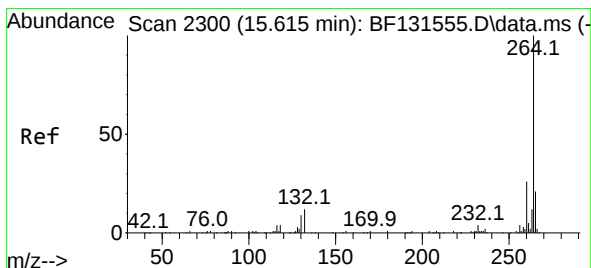
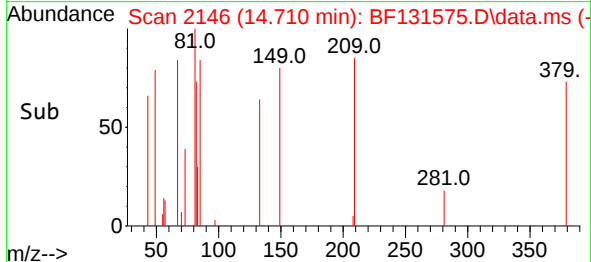
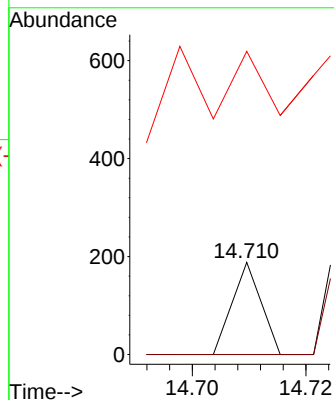
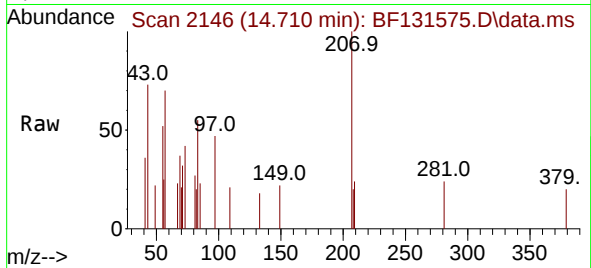




#85
Di-n-octyl phthalate
Concen: 5.224 ng
RT: 14.710 min Scan# 2145
Delta R.T. 0.006 min
Lab File: BF131575.D
Acq: 09 Dec 2022 19:45

Instrument :
BNA_F
ClientSampleId :
RBR200014-RB21197

Tgt Ion:149 Resp: 66
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 277.3 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: BF131575.D
Acq: 09 Dec 2022 19:45

Tgt Ion:264 Resp: 135449
Ion Ratio Lower Upper
264 100
260 22.6 20.6 30.8
265 22.1 16.8 25.2

