

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120922\
 Data File : BF131579.D
 Acq On : 09 Dec 2022 21:53
 Operator : CG\JU
 Sample : N5963-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200046-03

Quant Time: Dec 10 04:06:08 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)

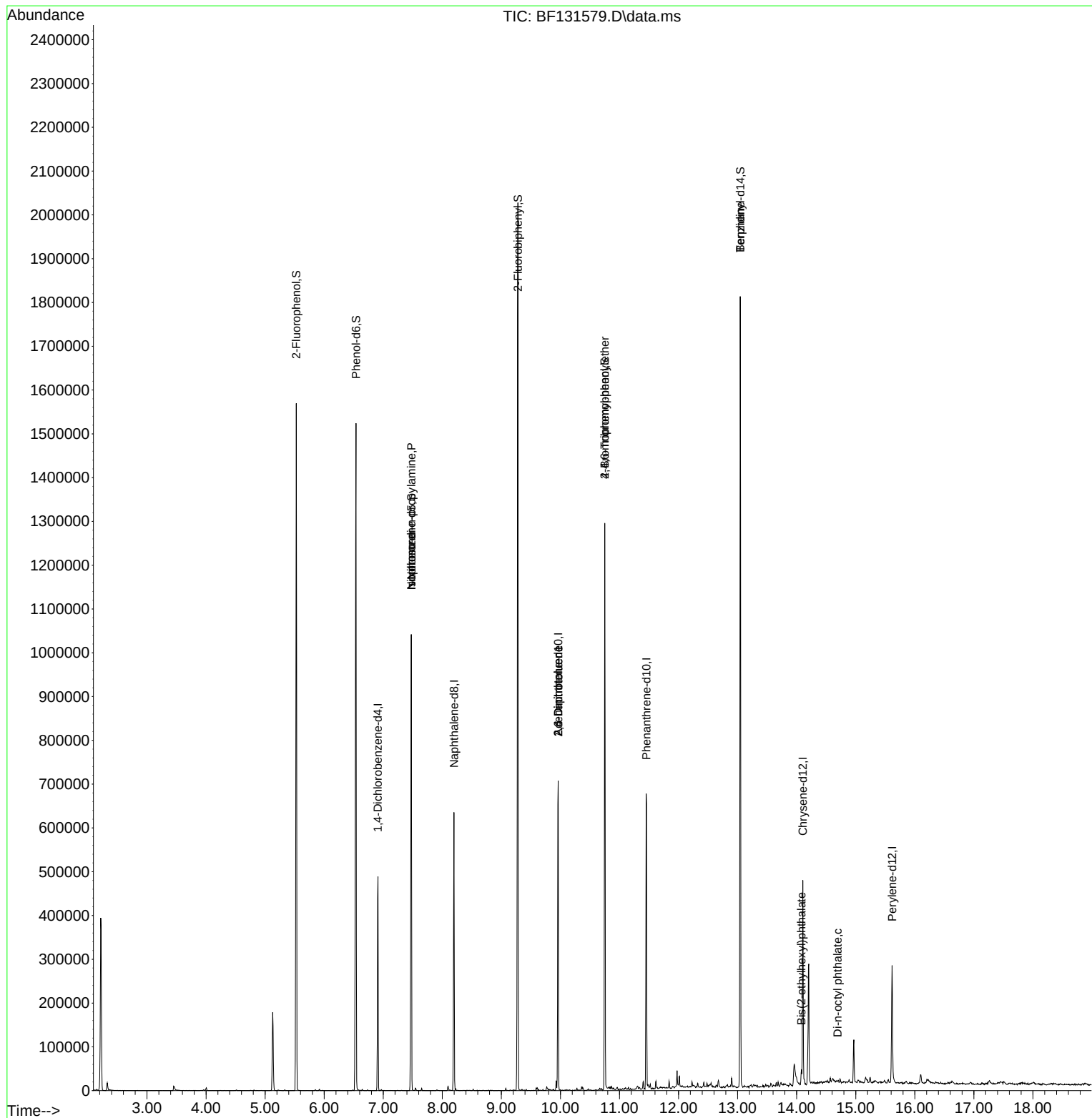
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	64710	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	236707	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	140067	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	249495	20.000	ng	0.00
76) Chrysene-d12	14.104	240	137151	20.000	ng	0.00
86) Perylene-d12	15.615	264	126395	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	369542	95.271	ng	0.02
7) Phenol-d6	6.540	99	477251	93.893	ng	0.00
23) Nitrobenzene-d5	7.475	82	333114	53.205	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	127018	81.621	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	596965	53.738	ng	0.00
79) Terphenyl-d14	13.045	244	576486	57.644	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	47886	12.564	ng	# 78
25) Isophorone	7.475	82	333176	33.037	ng	# 69
51) 2,6-Dinitrotoluene	9.963	165	17473	7.927	ng	# 11
57) 2,4-Dinitrotoluene	9.963	165	17473	5.975	ng	# 17
67) 4-Bromophenyl-phenylether	10.751	248	8311	2.589	ng	# 1
77) Benzidine	13.045	184	9252	2.518	ng	# 92
84) Bis(2-ethylhexyl)phtha...	14.080	149	8725	4.565	ng	# 92
85) Di-n-octyl phthalate	14.692	149	273	5.247	ng	# 1

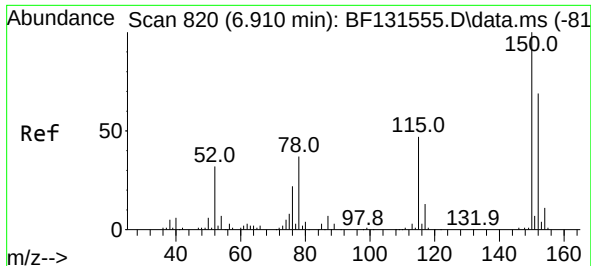
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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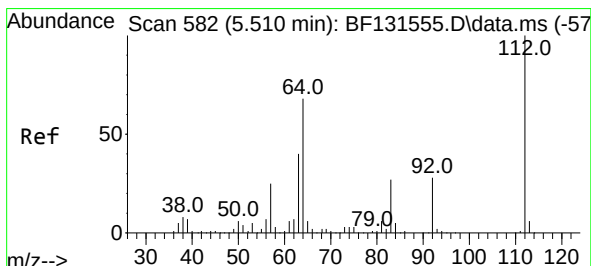
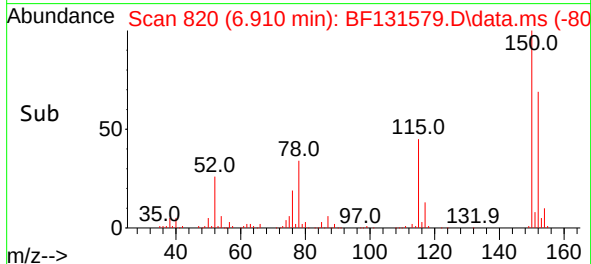
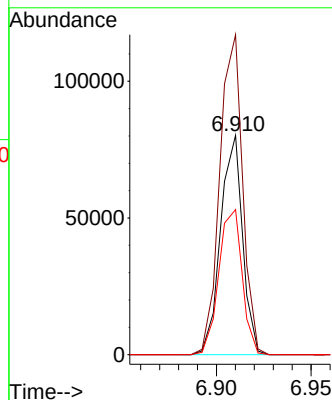
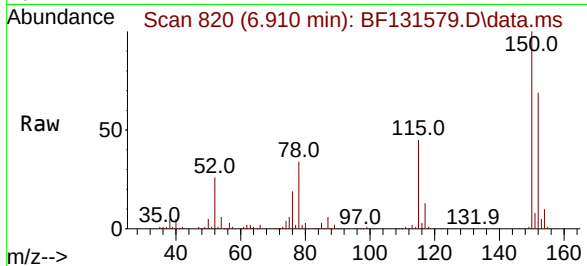




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131579.D
Acq: 09 Dec 2022 21:53

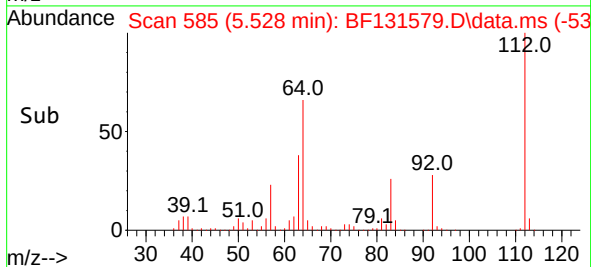
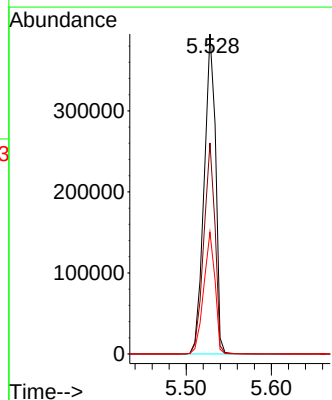
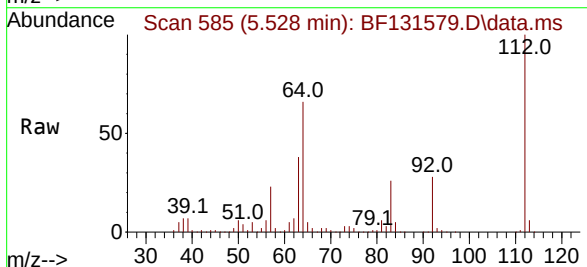
Instrument :
BNA_F
ClientSampleId :
RBR200046-03

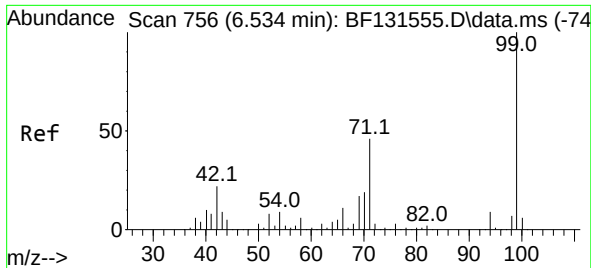
Tgt Ion:152 Resp: 64710
Ion Ratio Lower Upper
152 100
150 145.9 116.7 175.1
115 66.2 54.6 82.0



#5
2-Fluorophenol
Concen: 95.271 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF131579.D
Acq: 09 Dec 2022 21:53

Tgt Ion:112 Resp: 369542
Ion Ratio Lower Upper
112 100
64 66.0 54.5 81.7
63 38.0 31.9 47.9

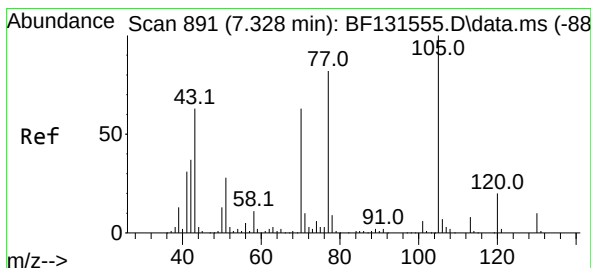
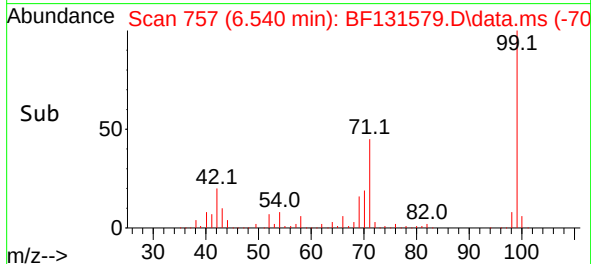
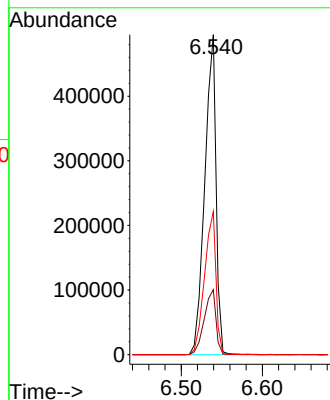
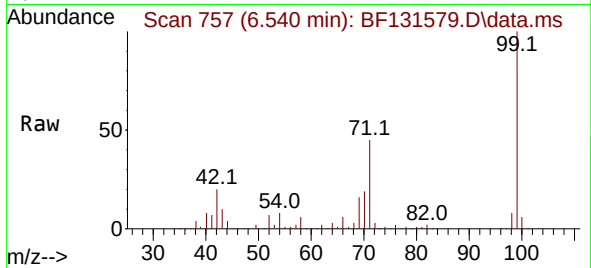




#7
Phenol-d6
Concen: 93.893 ng
RT: 6.540 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF131579.D
Acq: 09 Dec 2022 21:53

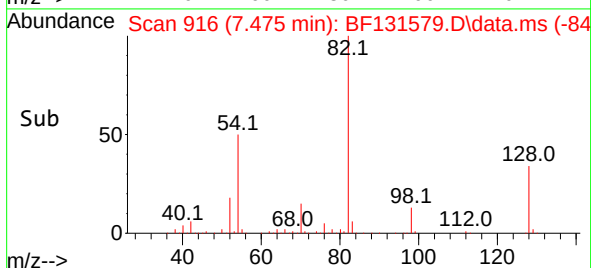
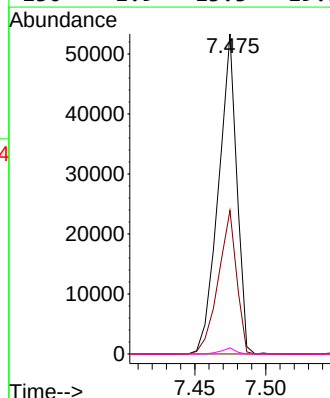
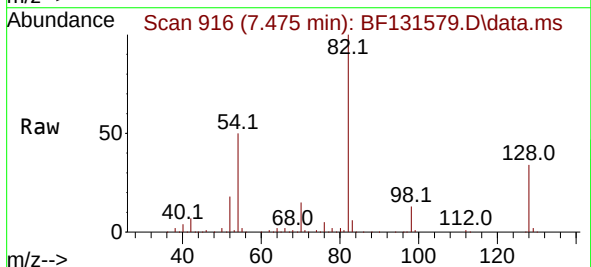
Instrument :
BNA_F
ClientSampleId :
RBR200046-03

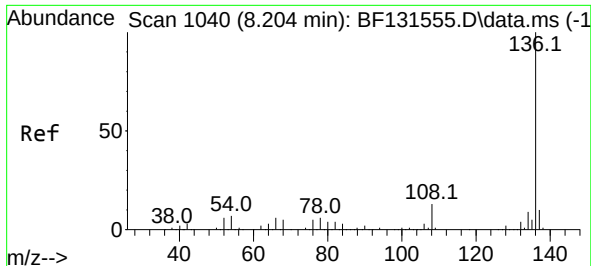
Tgt Ion: 99 Resp: 477251
Ion Ratio Lower Upper
99 100
42 20.3 17.9 26.9
71 44.7 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.564 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF131579.D
Acq: 09 Dec 2022 21:53

Tgt Ion: 70 Resp: 47886
Ion Ratio Lower Upper
70 100
42 44.8 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# 1039

Delta R.T. -0.006 min

Lab File: BF131579.D

Acq: 09 Dec 2022 21:53

Instrument :

BNA_F

ClientSampleId :

RBR200046-03

Tgt Ion:136 Resp: 236707

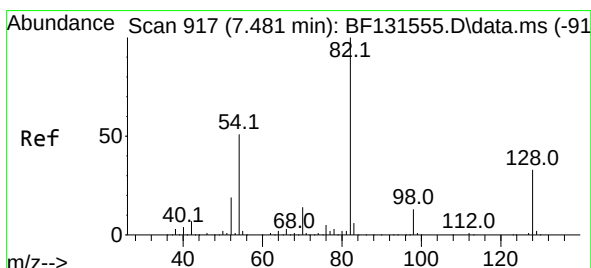
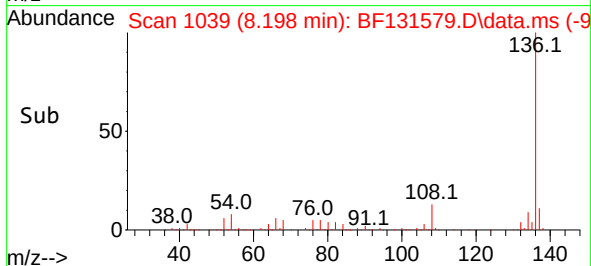
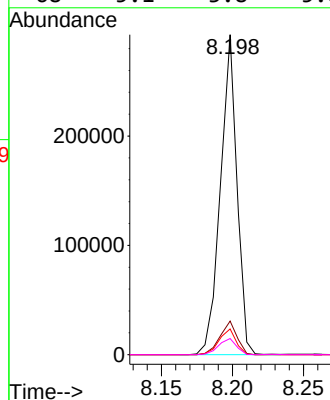
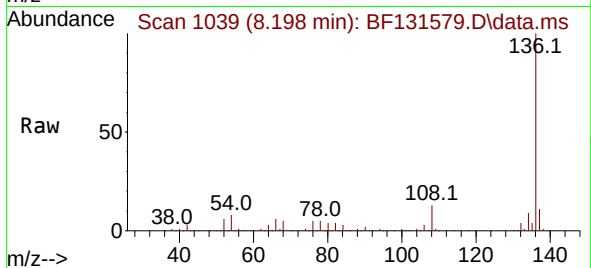
Ion Ratio Lower Upper

136 100

137 10.5 8.1 12.1

54 8.1 6.0 9.0

68 5.1 3.8 5.8



#23

Nitrobenzene-d5

Concen: 53.205 ng

RT: 7.475 min Scan# 916

Delta R.T. -0.006 min

Lab File: BF131579.D

Acq: 09 Dec 2022 21:53

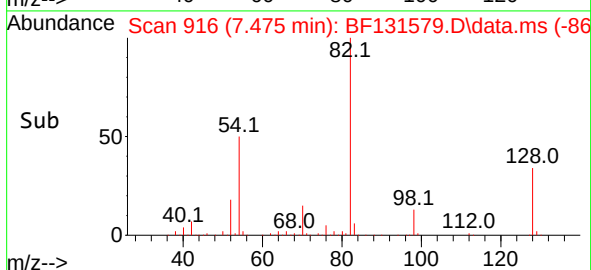
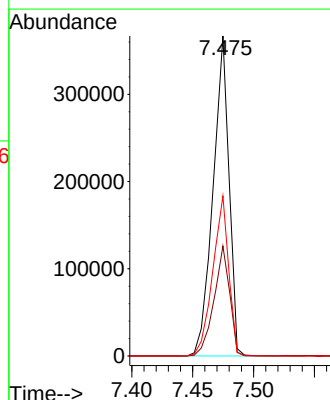
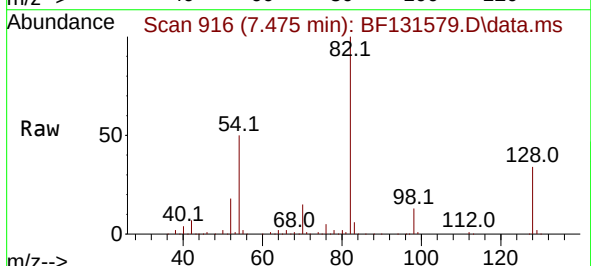
Tgt Ion: 82 Resp: 333114

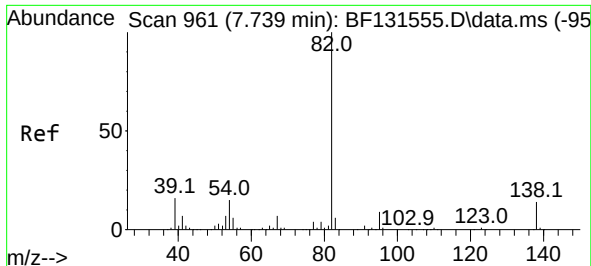
Ion Ratio Lower Upper

82 100

128 34.3 26.1 39.1

54 50.0 40.6 60.8

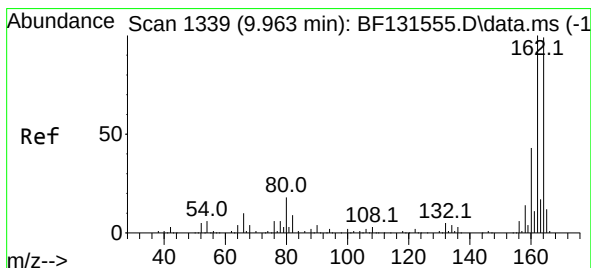
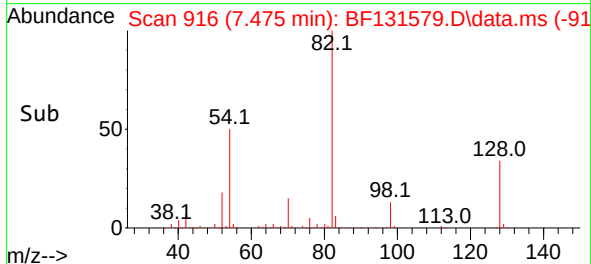
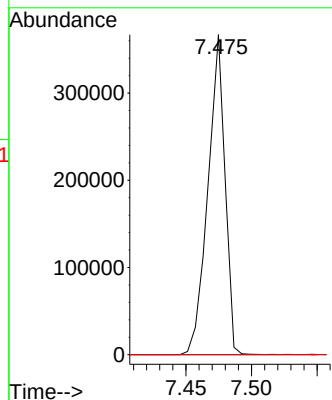
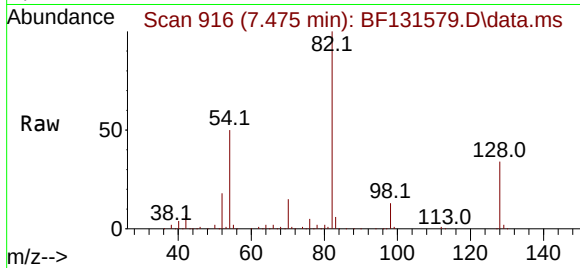




#25
Isophorone
Concen: 33.037 ng
RT: 7.475 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131579.D
Acq: 09 Dec 2022 21:53

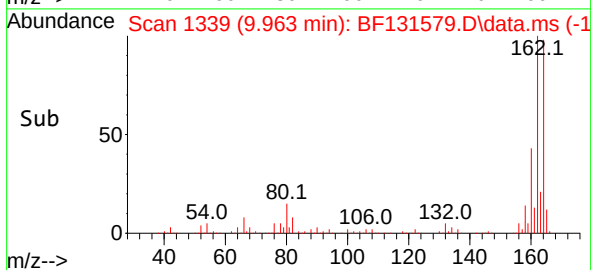
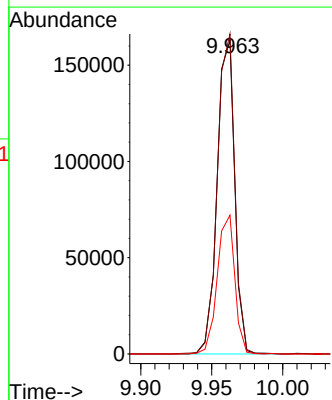
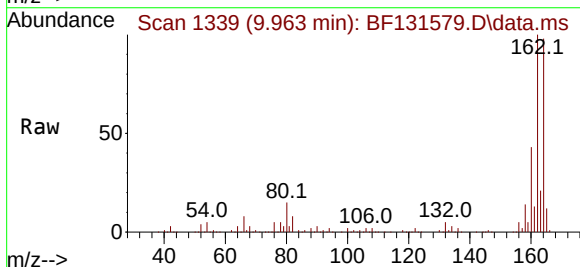
Instrument :
BNA_F
ClientSampleId :
RBR200046-03

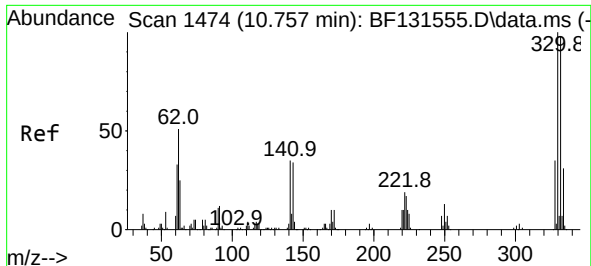
Tgt Ion: 82 Resp: 333176
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF131579.D
Acq: 09 Dec 2022 21:53

Tgt Ion: 164 Resp: 140067
Ion Ratio Lower Upper
164 100
162 102.0 81.0 121.6
160 44.2 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 81.621 ng

RT: 10.751 min Scan# 1474

Delta R.T. -0.006 min

Lab File: BF131579.D

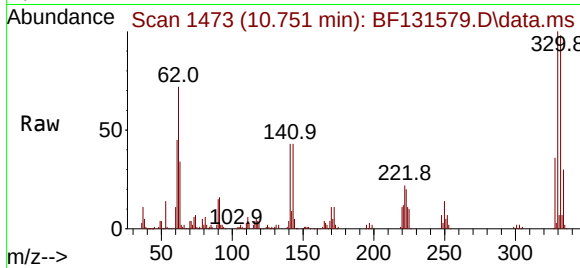
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Instrument :

BNA_F

ClientSampleId :

RBR200046-03



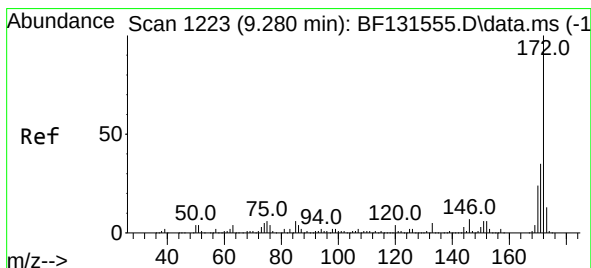
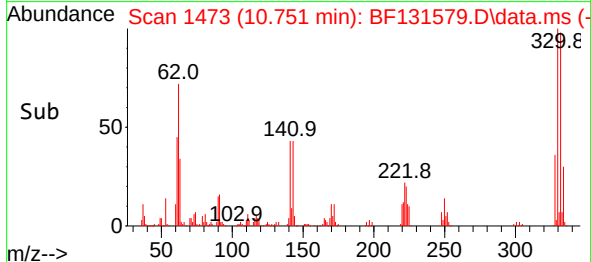
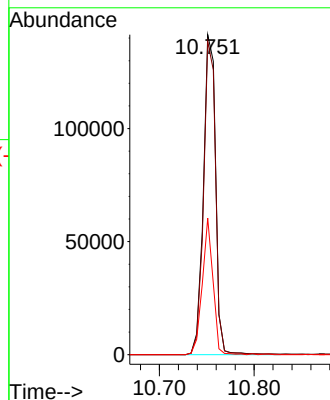
Tgt Ion:330 Resp: 127018

Ion Ratio Lower Upper

330 100

332 96.9 78.3 117.5

141 37.4 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 53.738 ng

RT: 9.281 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF131579.D

Acq: 09 Dec 2022 21:53

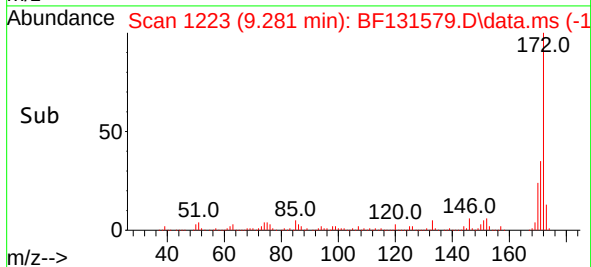
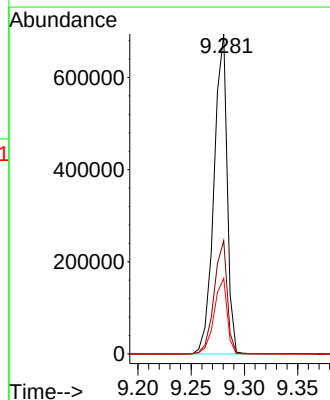
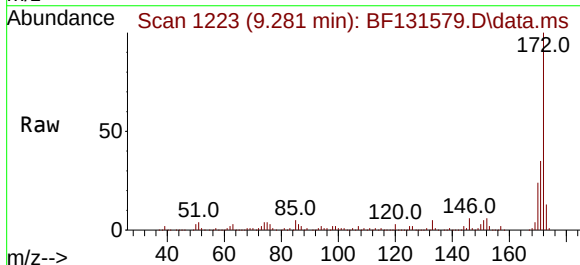
Tgt Ion:172 Resp: 596965

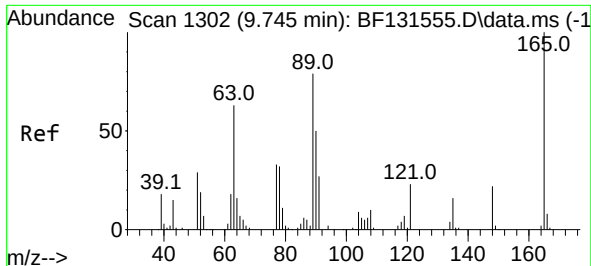
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.6 19.3 28.9

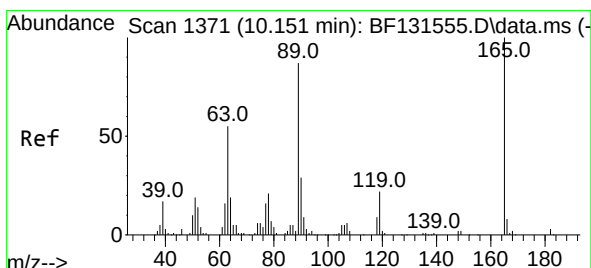
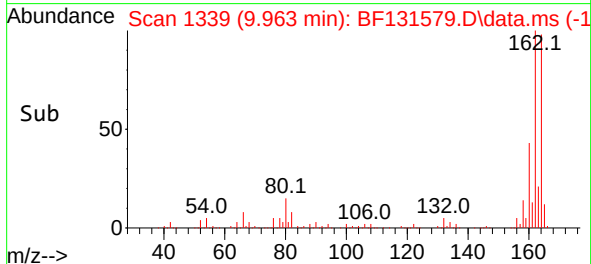
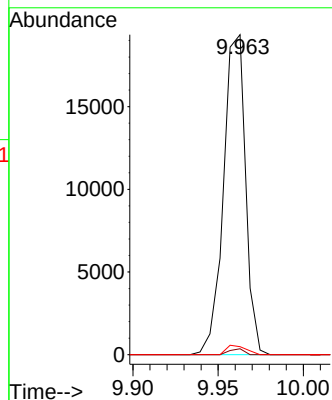
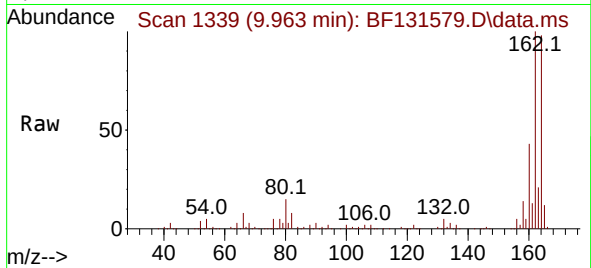




#51
2,6-Dinitrotoluene
Concen: 7.927 ng
RT: 9.963 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF131579.D
Acq: 09 Dec 2022 21:53

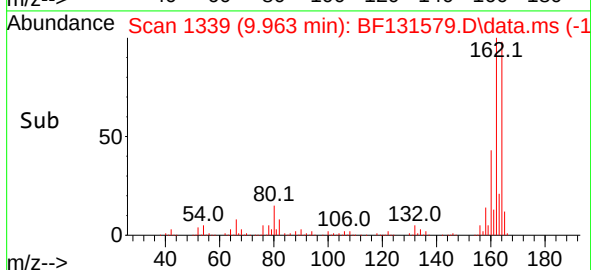
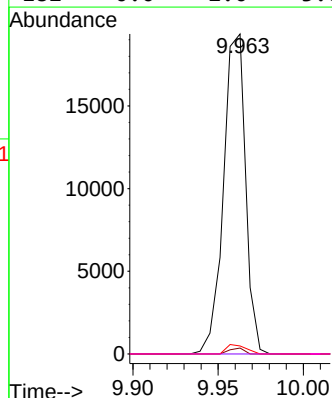
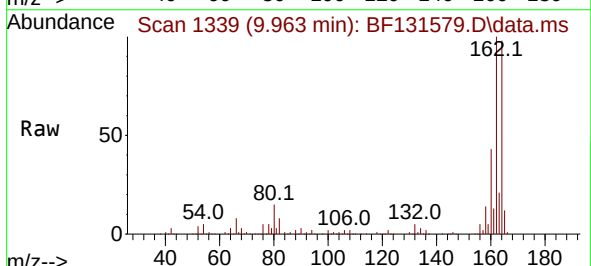
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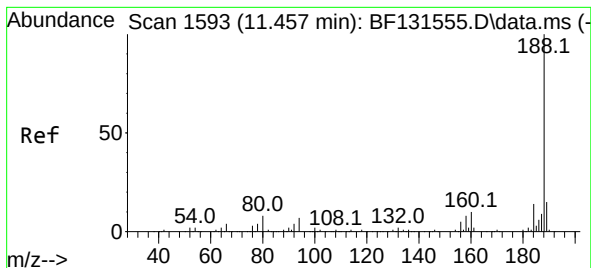
Tgt Ion:165 Resp: 17473
Ion Ratio Lower Upper
165 100
63 1.9 67.9 101.9#
89 2.5 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 5.975 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.188 min
Lab File: BF131579.D
Acq: 09 Dec 2022 21:53

Tgt Ion:165 Resp: 17473
Ion Ratio Lower Upper
165 100
63 1.9 44.4 66.6#
89 2.5 69.6 104.4#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.457 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131579.D

Acq: 09 Dec 2022 21:53

Instrument :

BNA_F

ClientSampleId :

RBR200046-03

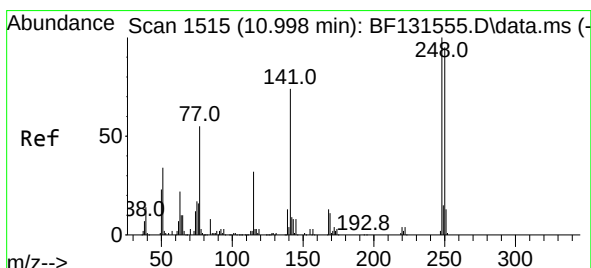
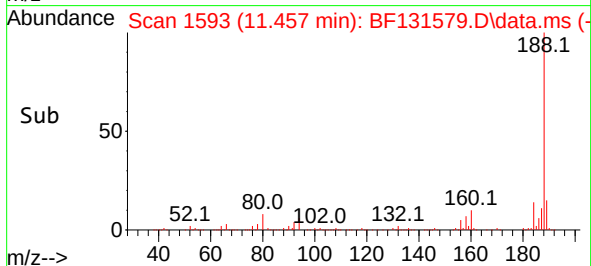
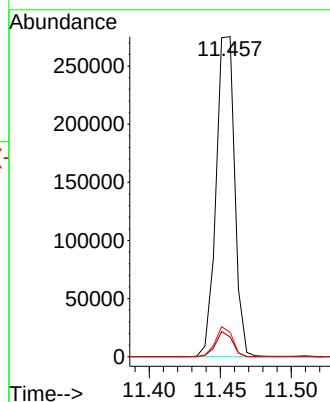
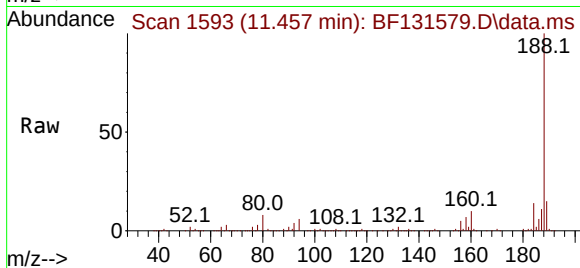
Tgt Ion:188 Resp: 249495

Ion Ratio Lower Upper

188 100

94 6.1 5.5 8.3

80 7.7 6.6 10.0



#67

4-Bromophenyl-phenylether

Concen: 2.589 ng

RT: 10.751 min Scan# 1473

Delta R.T. -0.247 min

Lab File: BF131579.D

Acq: 09 Dec 2022 21:53

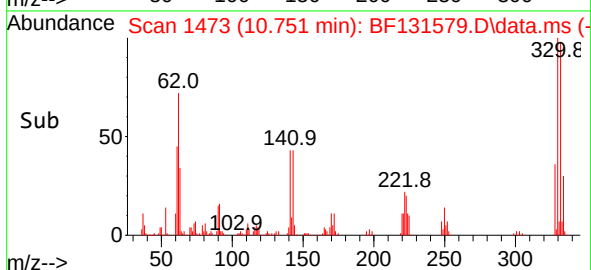
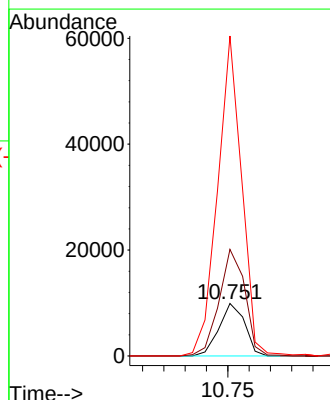
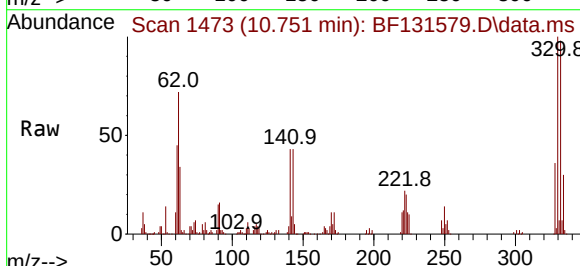
Tgt Ion:248 Resp: 8311

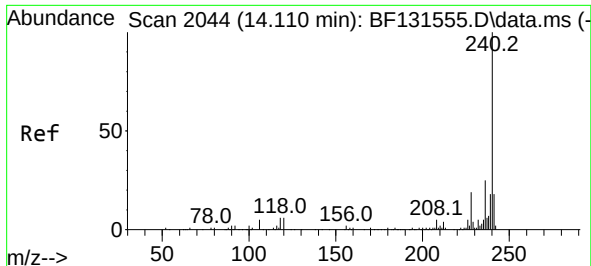
Ion Ratio Lower Upper

248 100

250 202.9 76.2 114.2#

141 609.4 59.5 89.3#

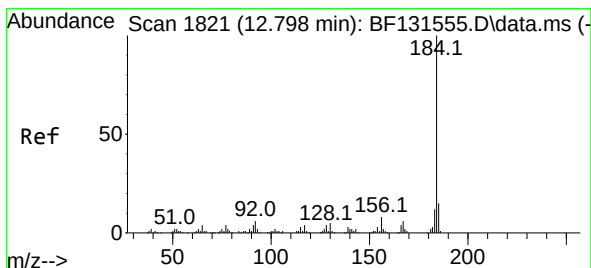
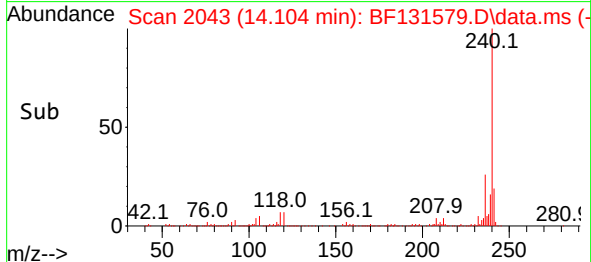
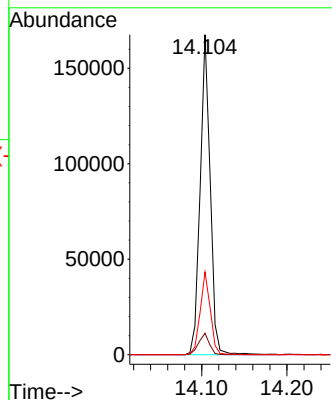
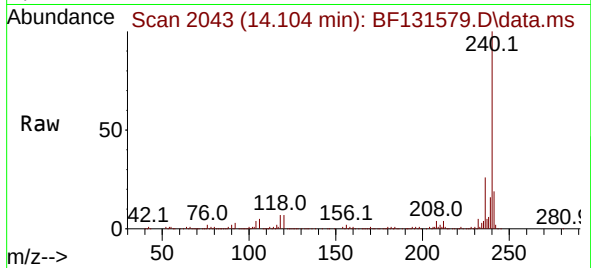




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BF131579.D
Acq: 09 Dec 2022 21:53

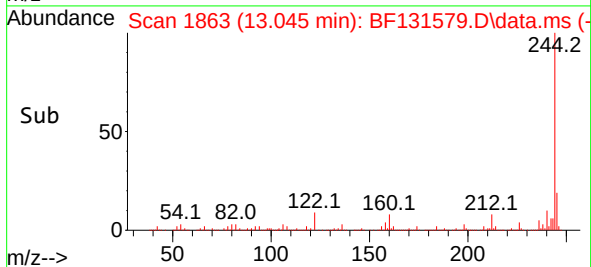
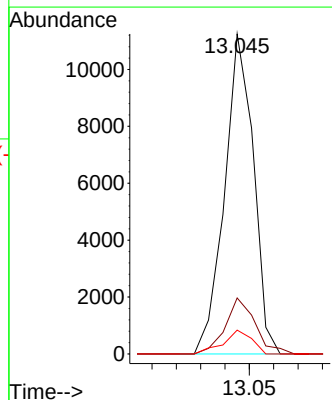
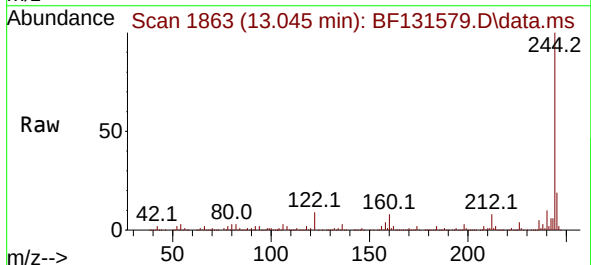
Instrument :
BNA_F
ClientSampleId :
RBR200046-03

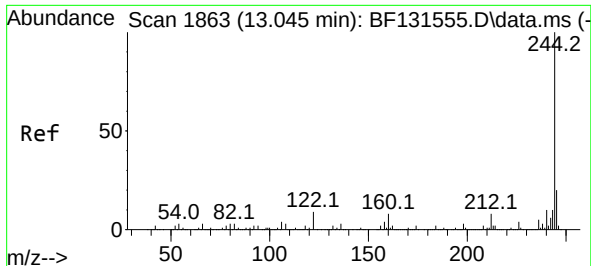
Tgt Ion:240 Resp: 137151
Ion Ratio Lower Upper
240 100
120 6.7 4.6 7.0
236 25.8 20.2 30.2



#77
Benzidine
Concen: 2.518 ng
RT: 13.045 min Scan# 1863
Delta R.T. 0.247 min
Lab File: BF131579.D
Acq: 09 Dec 2022 21:53

Tgt Ion:184 Resp: 9252
Ion Ratio Lower Upper
184 100
185 17.5 12.2 18.2
183 7.5 9.3 13.9#

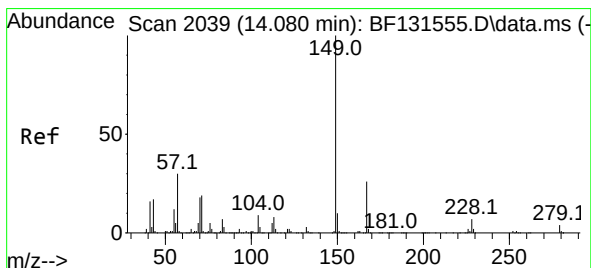
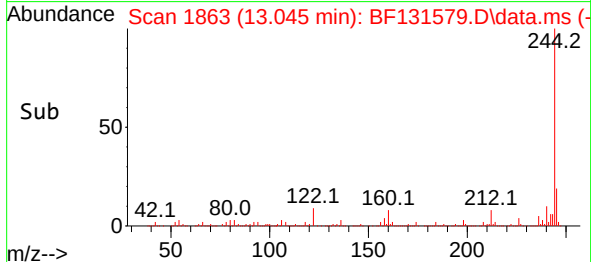
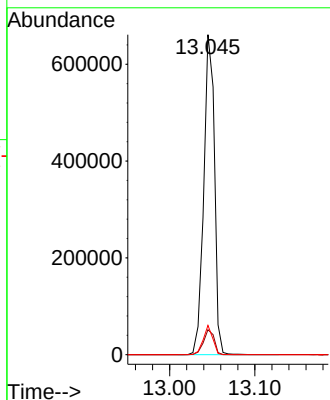
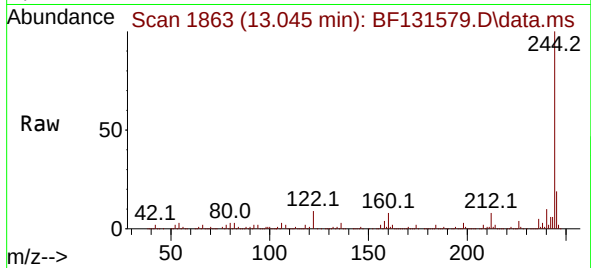




#79
 Terphenyl-d14
 Concen: 57.644 ng
 RT: 13.045 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: BF131579.D
 Acq: 09 Dec 2022 21:53

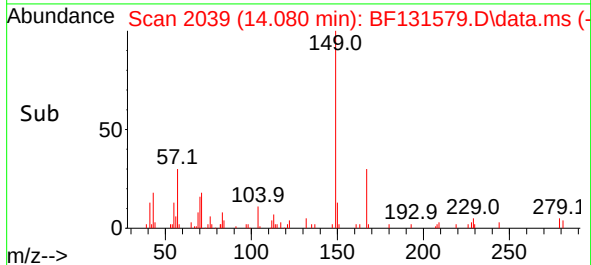
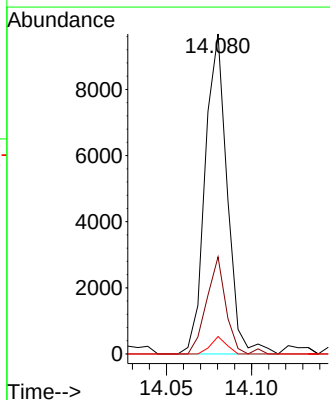
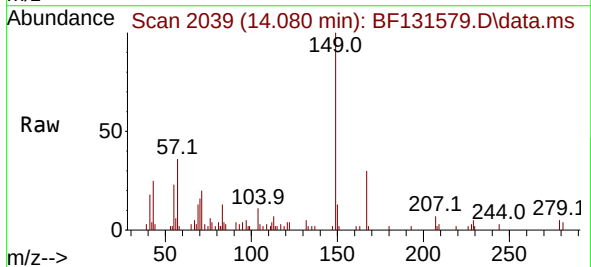
Instrument :
 BNA_F
 ClientSampleId :
 RBR200046-03

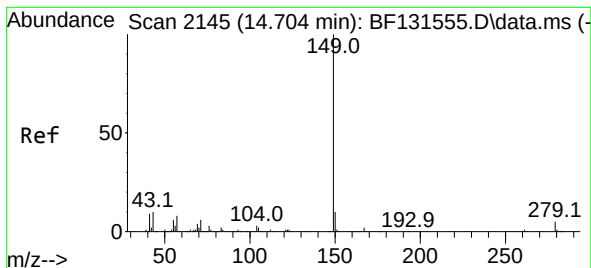
Tgt Ion:244 Resp: 576486
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 9.1 7.1 10.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.565 ng
 RT: 14.080 min Scan# 2039
 Delta R.T. 0.000 min
 Lab File: BF131579.D
 Acq: 09 Dec 2022 21:53

Tgt Ion:149 Resp: 8725
 Ion Ratio Lower Upper
 149 100
 167 30.3 20.8 31.2
 279 5.5 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 5.247 ng

RT: 14.692 min Scan# 2145

Delta R.T. -0.012 min

Lab File: BF131579.D

Acq: 09 Dec 2022 21:53

Instrument :

BNA_F

ClientSampleId :

RBR200046-03

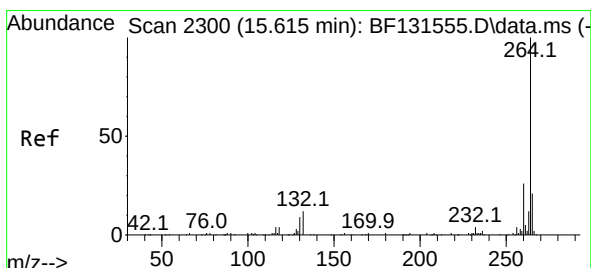
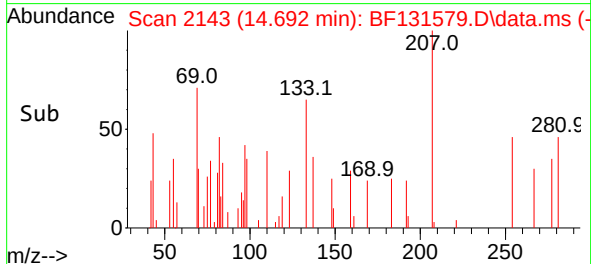
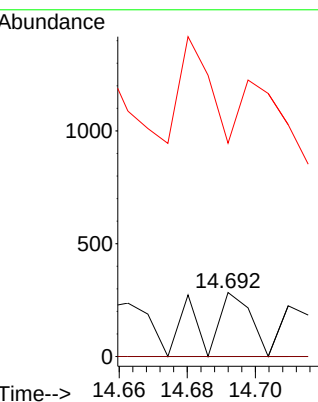
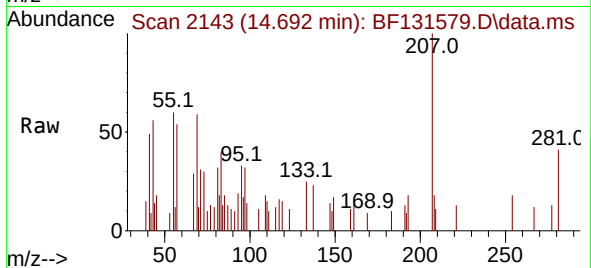
Tgt Ion:149 Resp: 273

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 104.0 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: BF131579.D

Acq: 09 Dec 2022 21:53

Tgt Ion:264 Resp: 126395

Ion Ratio Lower Upper

264 100

260 22.7 20.6 30.8

265 21.3 16.8 25.2

