

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052423\
 Data File : BF133476.D
 Acq On : 24 May 2023 18:02
 Operator : CG\JU
 Sample : 02883-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200055

Quant Time: May 25 05:21:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 24 02:41:39 2023
 Response via : Initial Calibration

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

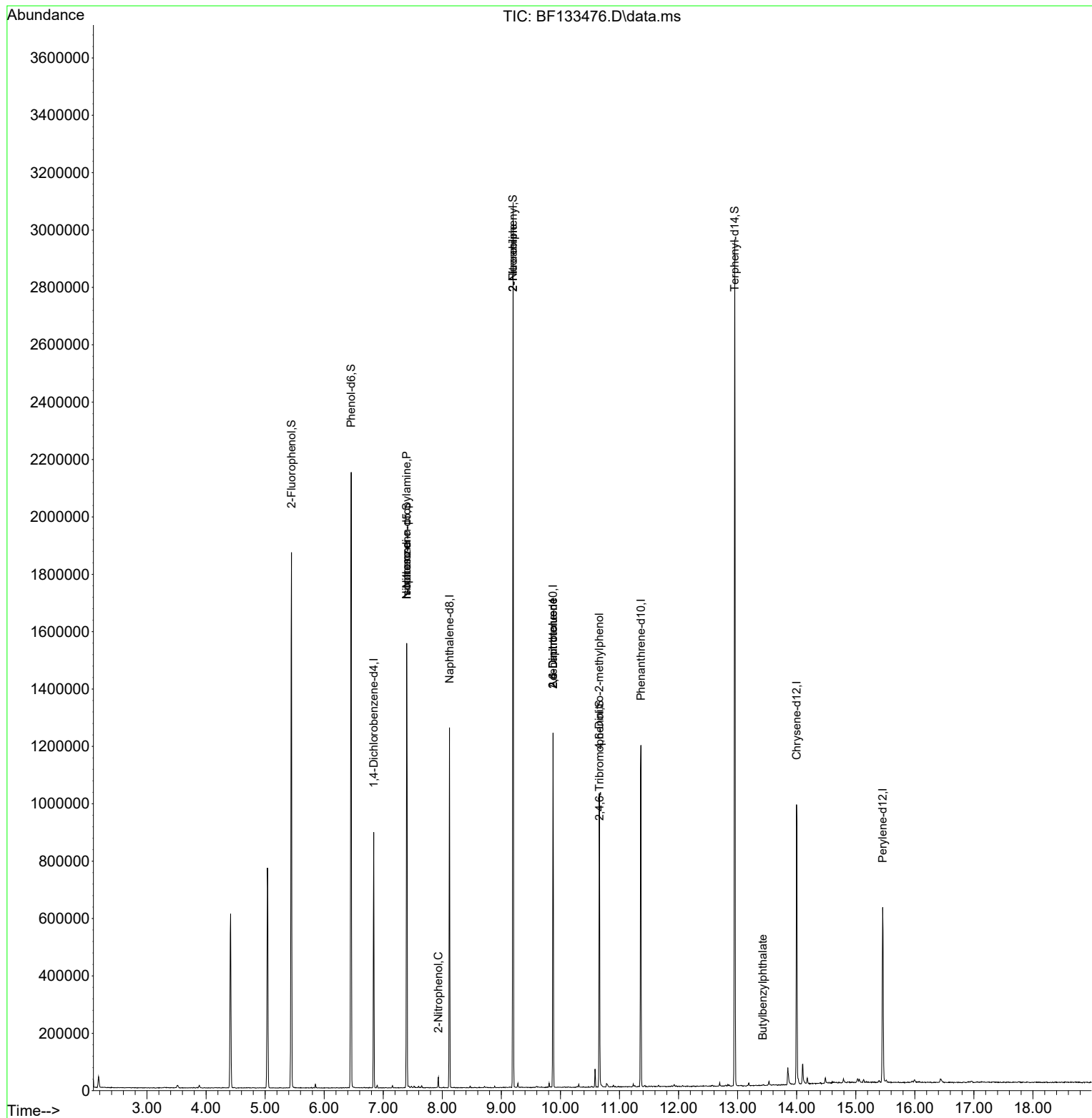
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	111109	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	432034	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	216828	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	427280	20.000	ng	0.00
76) Chrysene-d12	13.998	240	327552	20.000	ng	-0.01
86) Perylene-d12	15.457	264	268121	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	464940	68.402	ng	0.00
7) Phenol-d6	6.457	99	621342	76.041	ng	0.00
23) Nitrobenzene-d5	7.398	82	402403	64.394	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	101001	50.426	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	837367	54.334	ng	0.00
79) Terphenyl-d14	12.951	244	999887	58.363	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	56802	11.108	ng	# 80
25) Isophorone	7.398	82	402474	27.371	ng	# 66
26) 2-Nitrophenol	7.933	139	606	6.924	ng	# 1
48) 2-Nitroaniline	9.198	65	1707	5.879	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	27545	13.339	ng	# 16
57) 2,4-Dinitrotoluene	9.875	165	27545	12.654	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.657	198	290	8.353	ng	# 1
80) Butylbenzylphthalate	13.427	149	751	3.441	ng	# 73

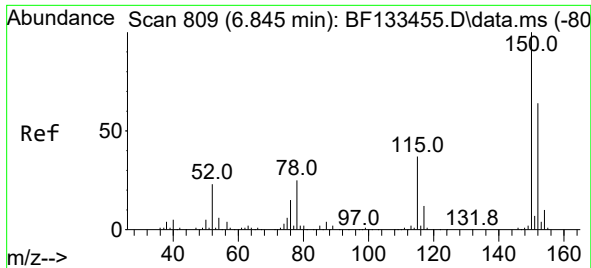
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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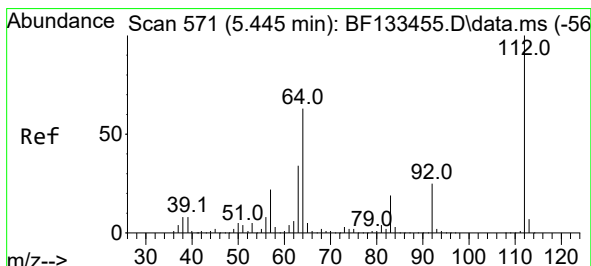
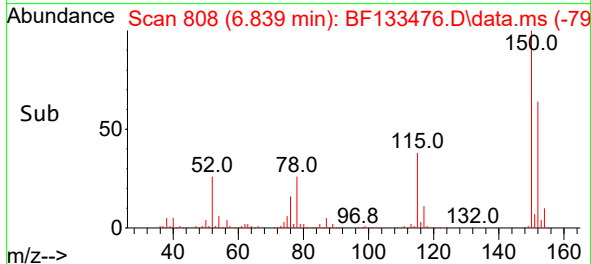
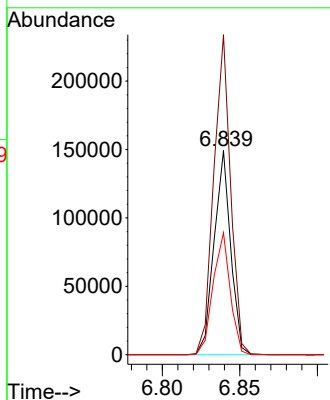
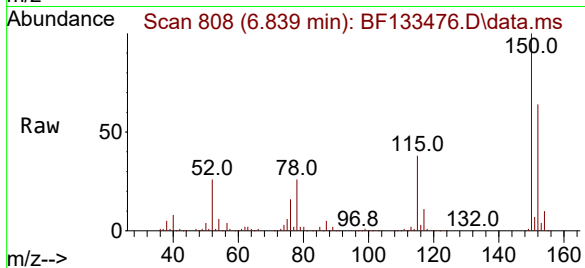




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.839 min Scan# 809
 Delta R.T. -0.006 min
 Lab File: BF133476.D
 Acq: 24 May 2023 18:02

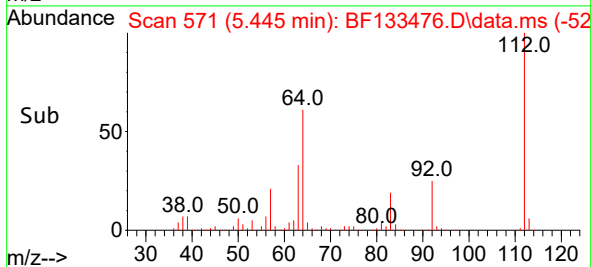
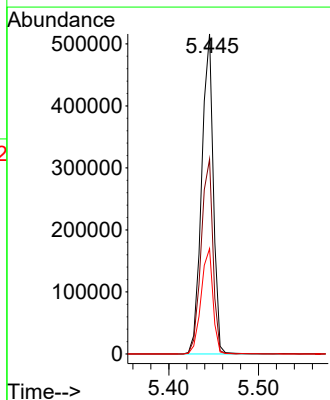
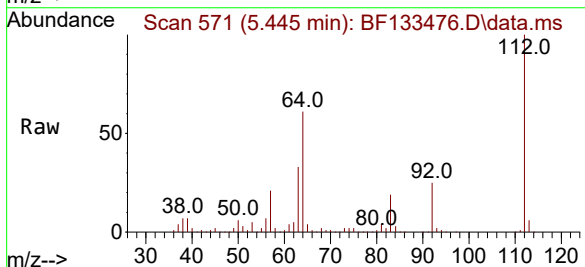
Instrument :
 BNA_F
 ClientSampleId :
 RBR-200055

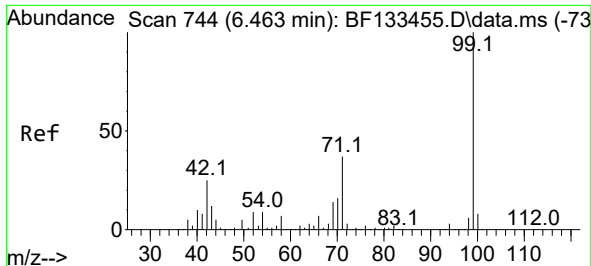
Tgt Ion:152 Resp: 111109
 Ion Ratio Lower Upper
 152 100
 150 156.7 125.6 188.4
 115 59.8 47.0 70.4



#5
 2-Fluorophenol
 Concen: 68.402 ng
 RT: 5.445 min Scan# 571
 Delta R.T. -0.000 min
 Lab File: BF133476.D
 Acq: 24 May 2023 18:02

Tgt Ion:112 Resp: 464940
 Ion Ratio Lower Upper
 112 100
 64 60.9 50.2 75.4
 63 32.9 27.2 40.8

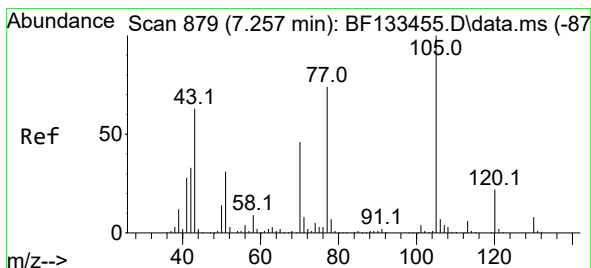
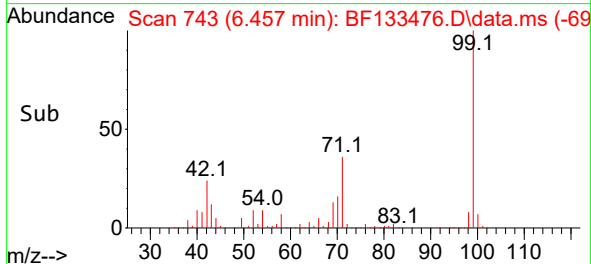
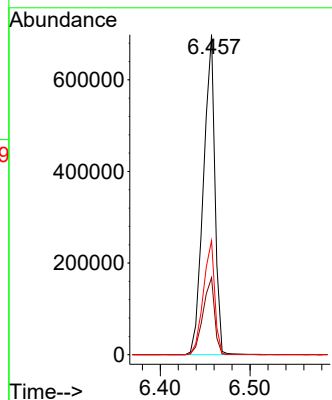
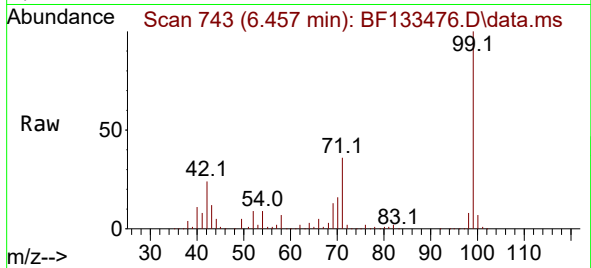




#7
Phenol-d6
Concen: 76.041 ng
RT: 6.457 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133476.D
Acq: 24 May 2023 18:02

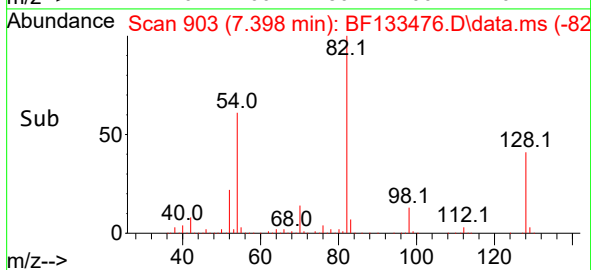
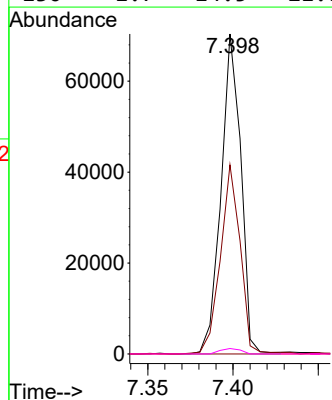
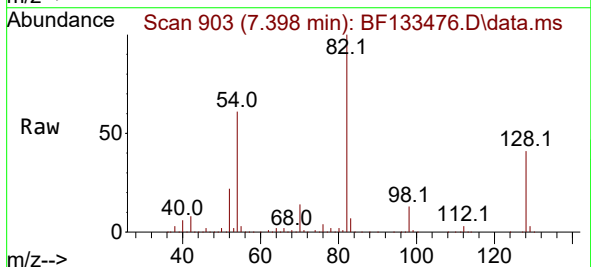
Instrument :
BNA_F
ClientSampleId :
RBR-200055

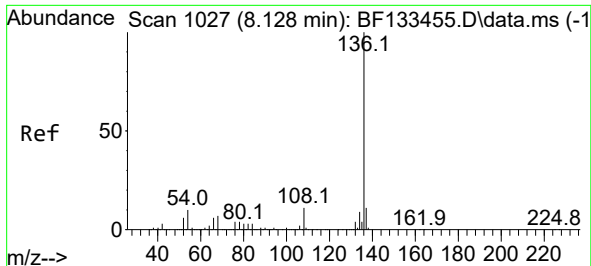
Tgt Ion: 99 Resp: 621342
Ion Ratio Lower Upper
99 100
42 24.0 19.6 29.4
71 35.6 29.5 44.3



#19
n-Nitroso-di-n-propylamine
Concen: 11.108 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.141 min
Lab File: BF133476.D
Acq: 24 May 2023 18:02

Tgt Ion: 70 Resp: 56802
Ion Ratio Lower Upper
70 100
42 59.1 57.7 86.5
101 0.0 7.6 11.4#
130 1.7 14.5 21.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.122 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133476.D

Acq: 24 May 2023 18:02

Instrument :

BNA_F

ClientSampleId :

RBR-200055

Tgt Ion:136 Resp: 432034

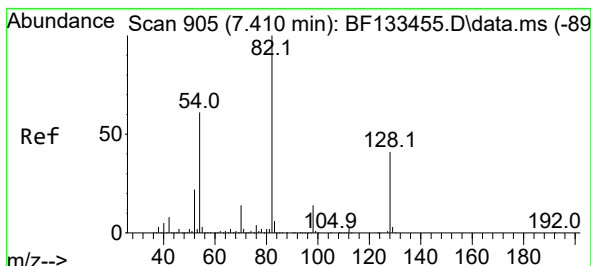
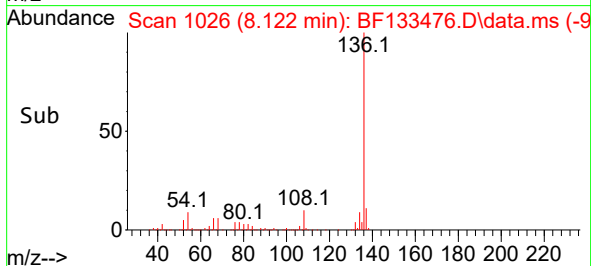
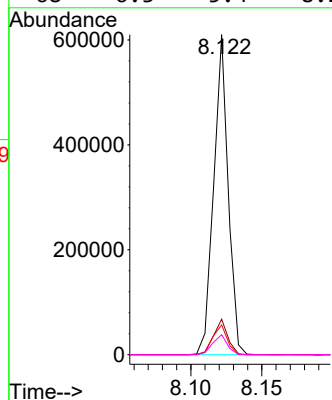
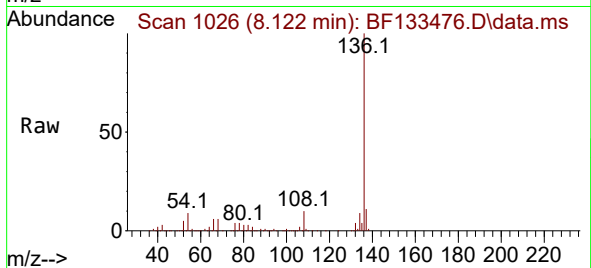
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 9.3 8.0 12.0

68 6.3 5.4 8.2



#23

Nitrobenzene-d5

Concen: 64.394 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.012 min

Lab File: BF133476.D

Acq: 24 May 2023 18:02

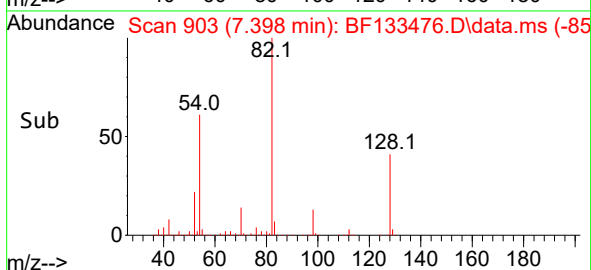
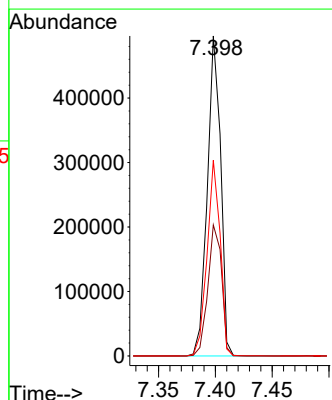
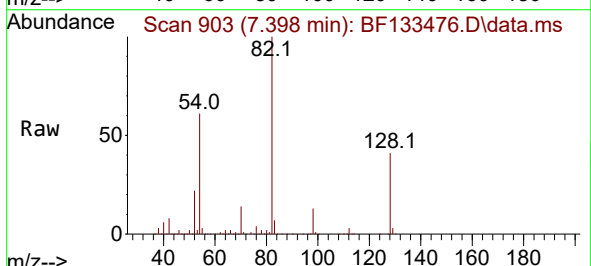
Tgt Ion: 82 Resp: 402403

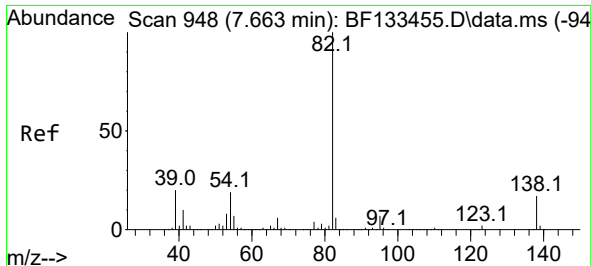
Ion Ratio Lower Upper

82 100

128 40.9 33.0 49.6

54 61.1 48.5 72.7

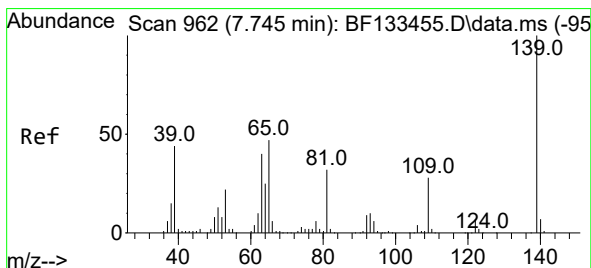
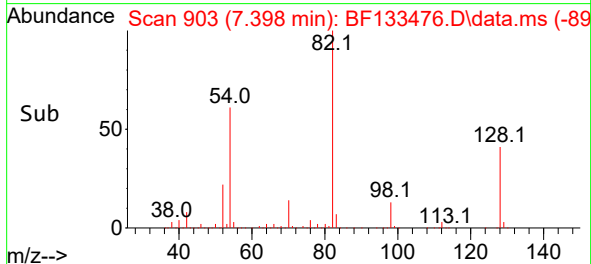
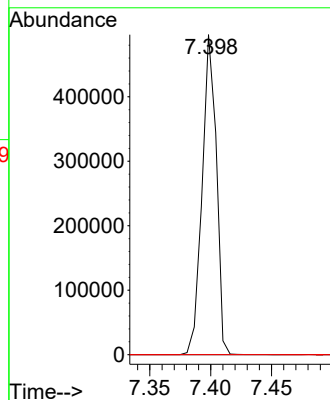
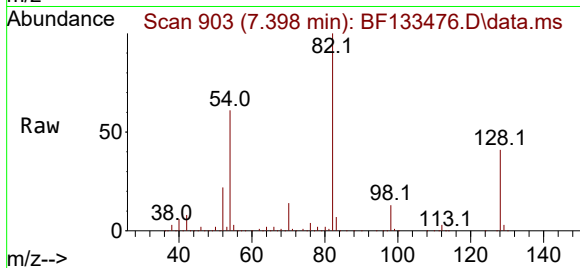




#25
Isophorone
Concen: 27.371 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF133476.D
Acq: 24 May 2023 18:02

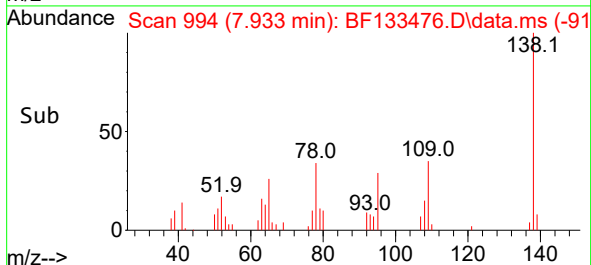
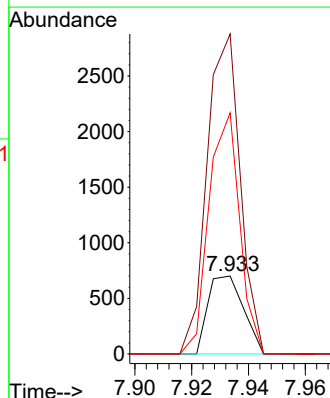
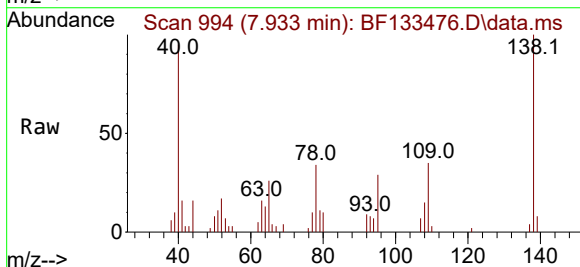
Instrument :
BNA_F
ClientSampleId :
RBR-200055

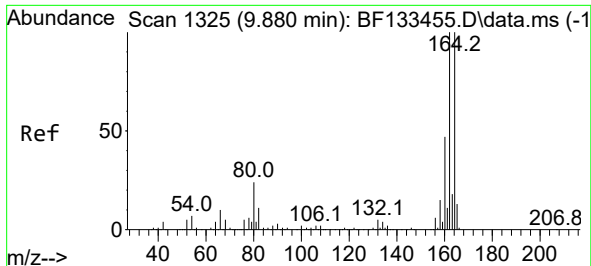
Tgt Ion: 82 Resp: 402474
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.5 20.3#



#26
2-Nitrophenol
Concen: 6.924 ng
RT: 7.933 min Scan# 994
Delta R.T. 0.188 min
Lab File: BF133476.D
Acq: 24 May 2023 18:02

Tgt Ion:139 Resp: 606
Ion Ratio Lower Upper
139 100
109 410.6 22.3 33.5#
65 309.4 37.6 56.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1

Delta R.T. -0.005 min

Lab File: BF133476.D

Acq: 24 May 2023 18:02

Instrument :

BNA_F

ClientSampleId :

RBR-200055

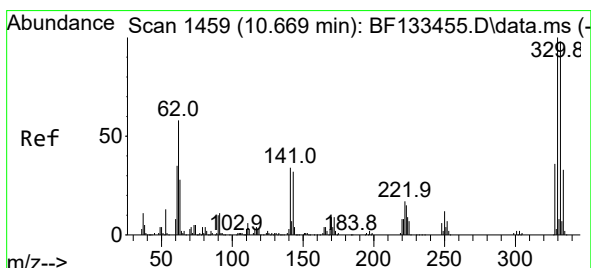
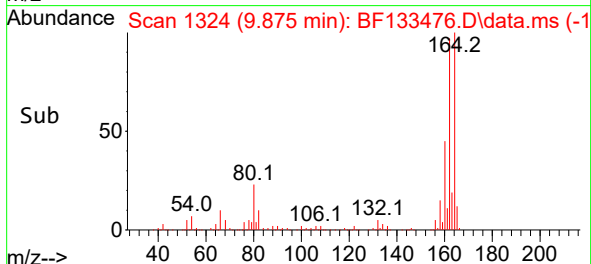
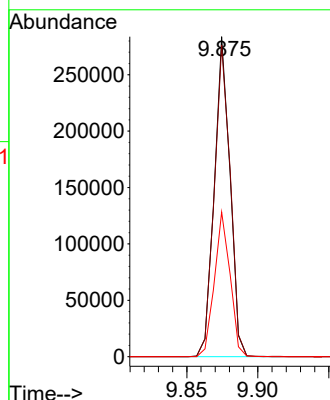
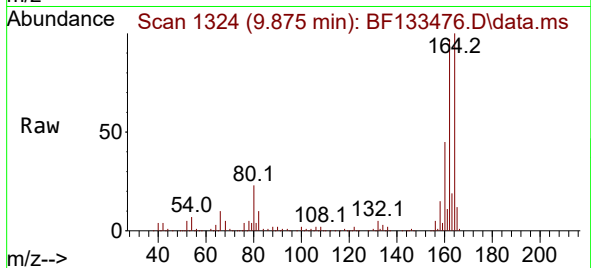
Tgt Ion:164 Resp: 216828

Ion Ratio Lower Upper

164 100

162 97.4 79.8 119.6

160 45.2 37.4 56.0



#42

2,4,6-Tribromophenol

Concen: 50.426 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF133476.D

Acq: 24 May 2023 18:02

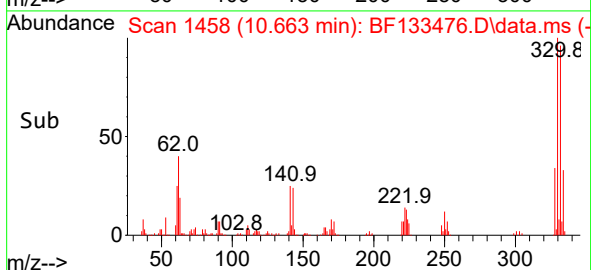
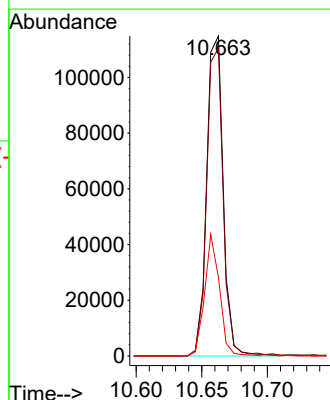
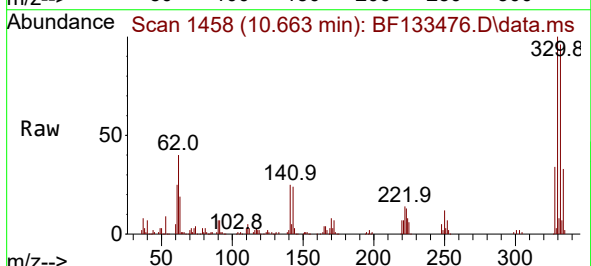
Tgt Ion:330 Resp: 101001

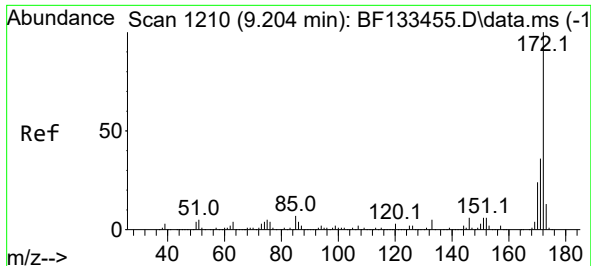
Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

141 34.5 28.5 42.7





#45

2-Fluorobiphenyl

Concen: 54.334 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF133476.D

Acq: 24 May 2023 18:02

Instrument :

BNA_F

ClientSampleId :

RBR-200055

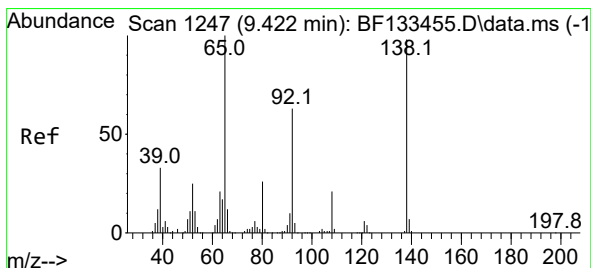
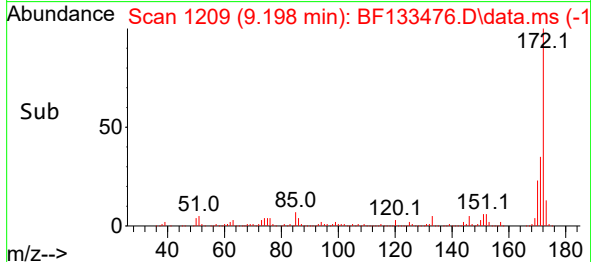
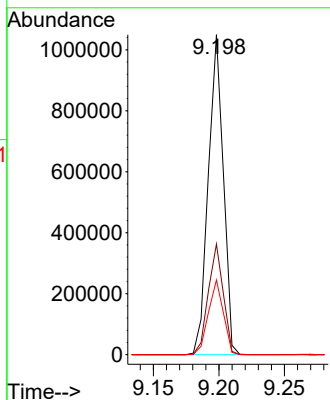
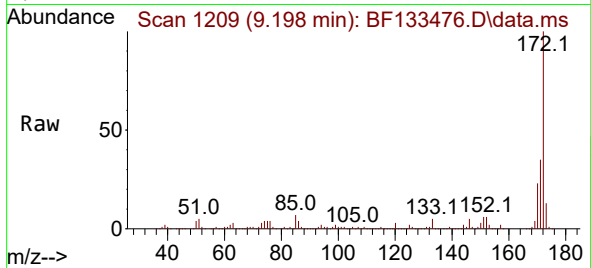
Tgt Ion:172 Resp: 837367

Ion Ratio Lower Upper

172 100

171 34.6 28.5 42.7

170 23.3 19.0 28.4



#48

2-Nitroaniline

Concen: 5.879 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.224 min

Lab File: BF133476.D

Acq: 24 May 2023 18:02

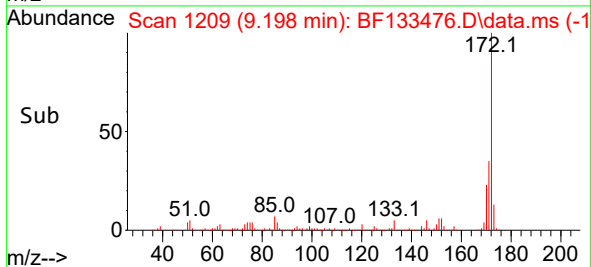
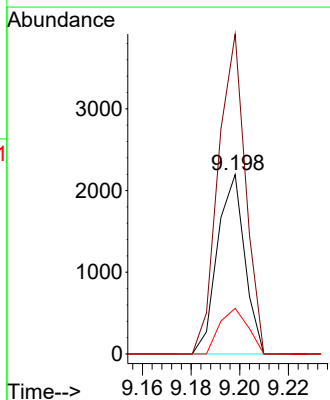
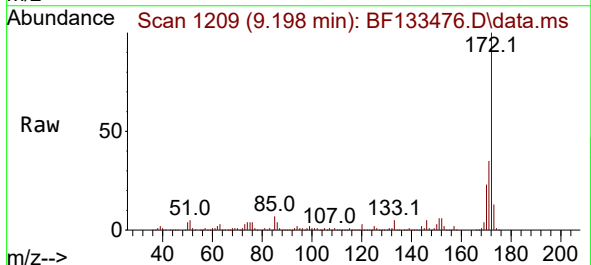
Tgt Ion: 65 Resp: 1707

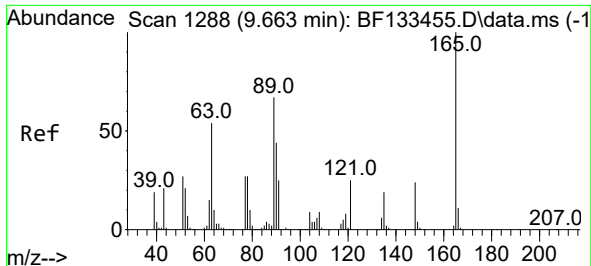
Ion Ratio Lower Upper

65 100

92 178.3 50.1 75.1#

138 25.4 78.6 118.0#

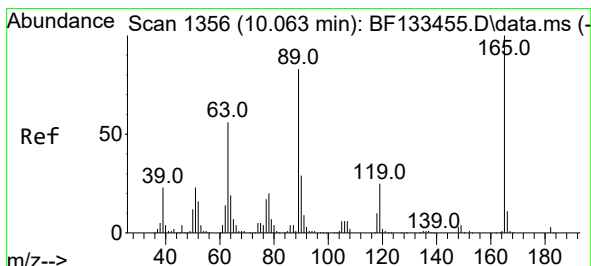
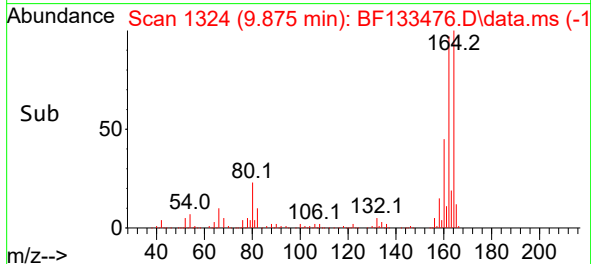
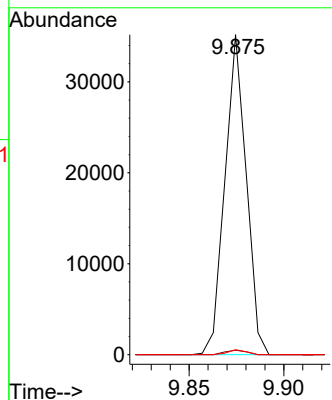
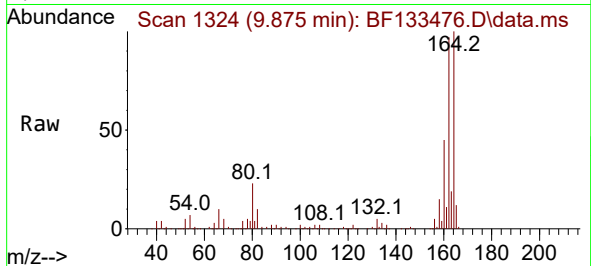




#51
2,6-Dinitrotoluene
Concen: 13.339 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF133476.D
Acq: 24 May 2023 18:02

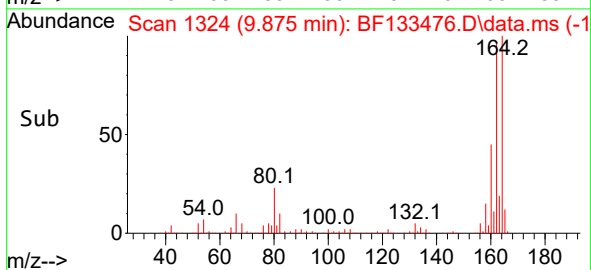
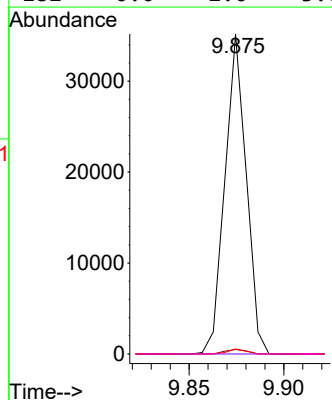
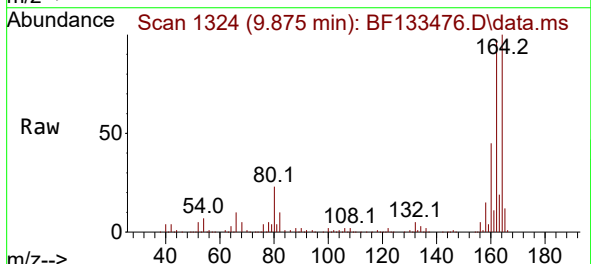
Instrument :
BNA_F
ClientSampleId :
RBR-200055

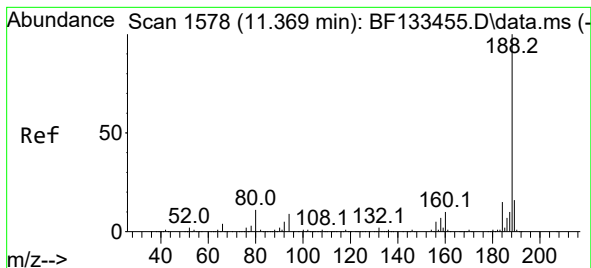
Tgt Ion:165 Resp: 27545
Ion Ratio Lower Upper
165 100
63 1.4 61.0 91.4#
89 1.6 53.5 80.3#



#57
2,4-Dinitrotoluene
Concen: 12.654 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.188 min
Lab File: BF133476.D
Acq: 24 May 2023 18:02

Tgt Ion:165 Resp: 27545
Ion Ratio Lower Upper
165 100
63 1.4 45.1 67.7#
89 1.6 66.7 100.1#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133476.D

Acq: 24 May 2023 18:02

Instrument :

BNA_F

ClientSampleId :

RBR-200055

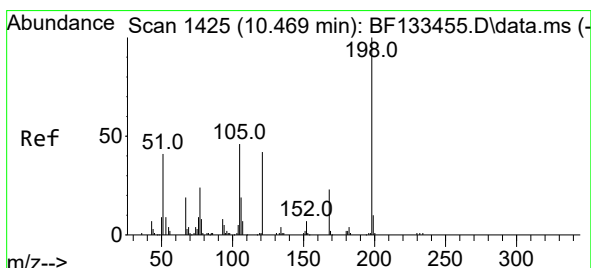
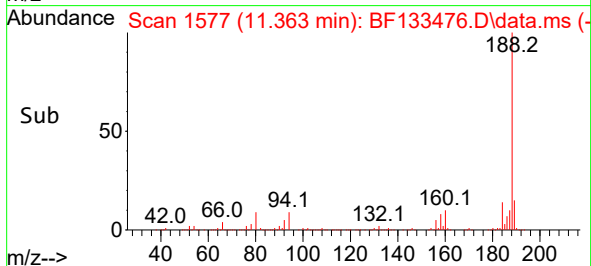
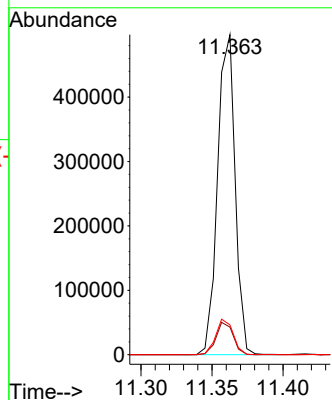
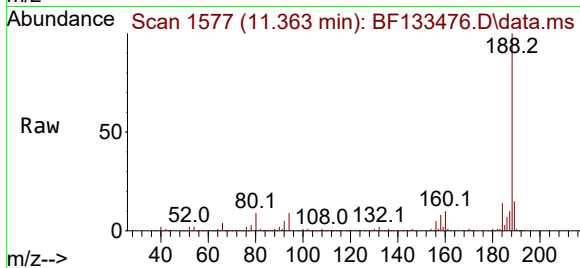
Tgt Ion:188 Resp: 427280

Ion Ratio Lower Upper

188 100

94 8.6 7.5 11.3

80 9.3 8.7 13.1



#65

4,6-Dinitro-2-methylphenol

Concen: 8.353 ng

RT: 10.657 min Scan# 1457

Delta R.T. 0.188 min

Lab File: BF133476.D

Acq: 24 May 2023 18:02

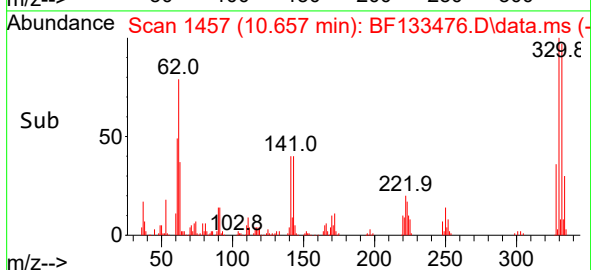
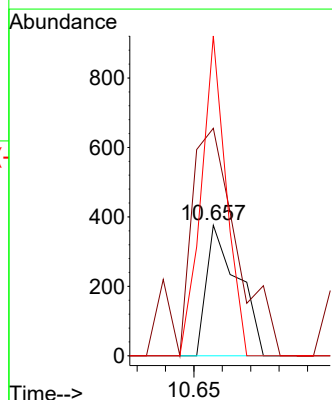
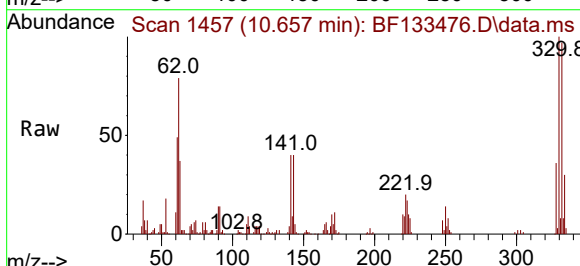
Tgt Ion:198 Resp: 290

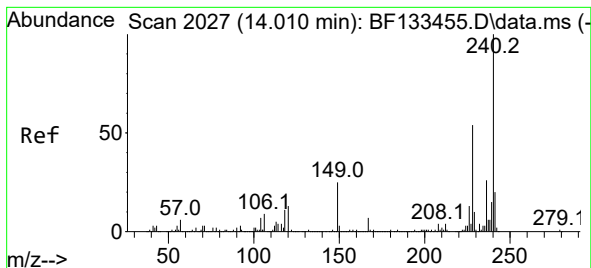
Ion Ratio Lower Upper

198 100

51 174.2 38.5 78.5#

105 244.9 29.6 69.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF133476.D

Acq: 24 May 2023 18:02

Instrument :

BNA_F

ClientSampleId :

RBR-200055

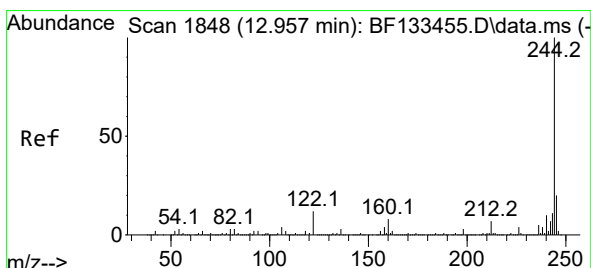
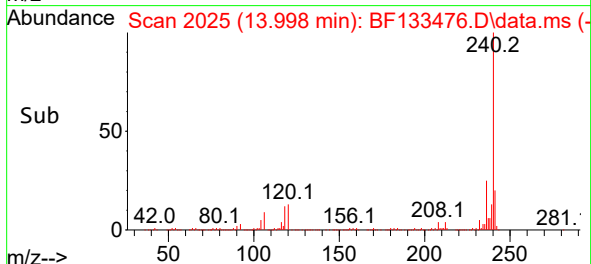
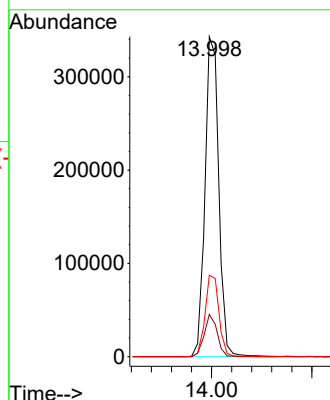
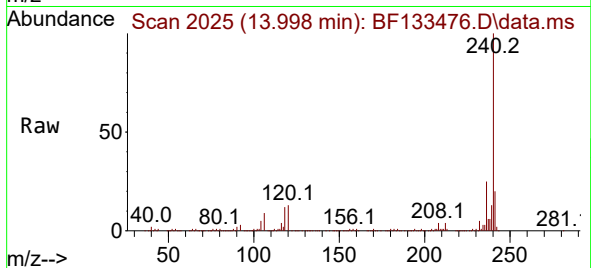
Tgt Ion:240 Resp: 327552

Ion Ratio Lower Upper

240 100

120 13.2 10.2 15.4

236 25.5 20.9 31.3



#79

Terphenyl-d14

Concen: 58.363 ng

RT: 12.951 min Scan# 1847

Delta R.T. -0.006 min

Lab File: BF133476.D

Acq: 24 May 2023 18:02

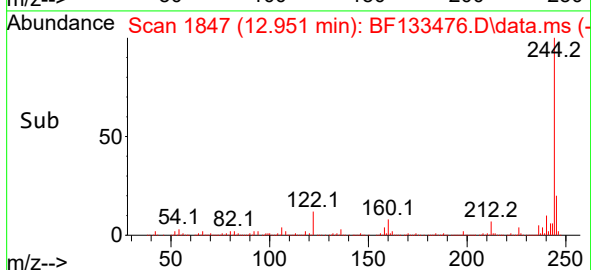
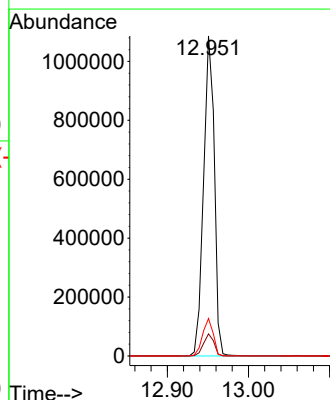
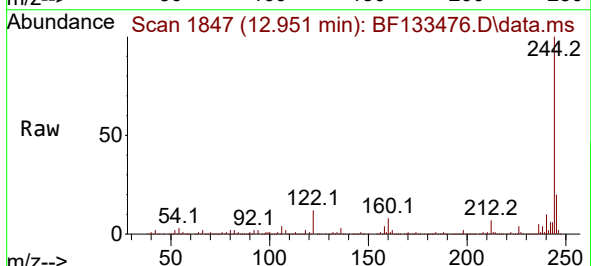
Tgt Ion:244 Resp: 999887

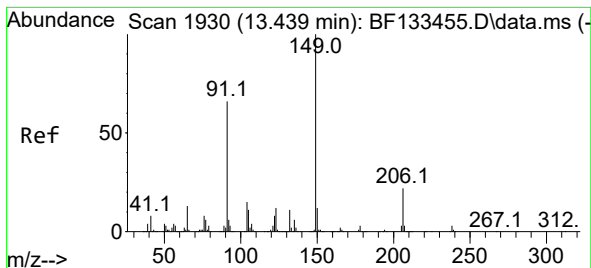
Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 11.7 9.4 14.0

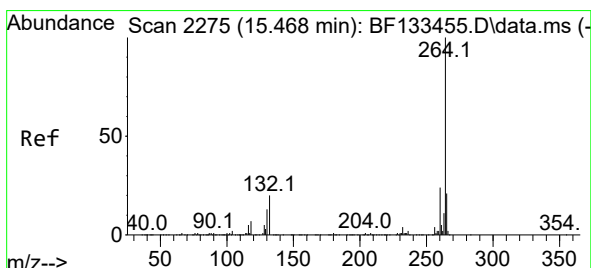
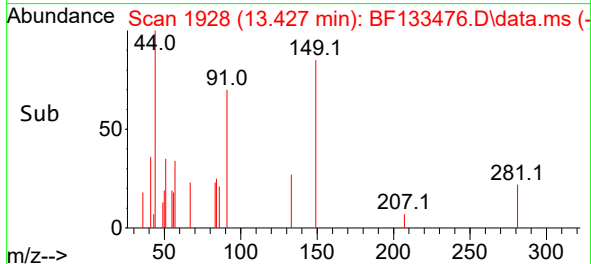
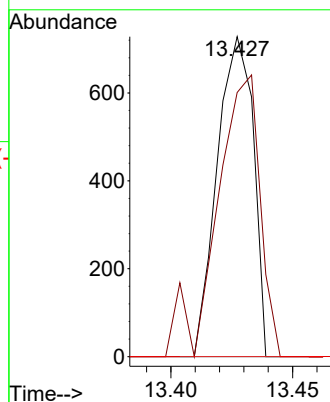
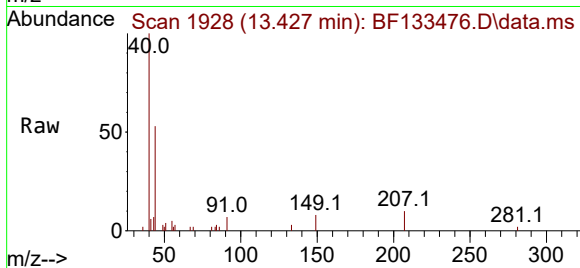




#80
Butylbenzylphthalate
Concen: 3.441 ng
RT: 13.427 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BF133476.D
Acq: 24 May 2023 18:02

Instrument :
BNA_F
ClientSampleId :
RBR-200055

Tgt Ion:149 Resp: 751
Ion Ratio Lower Upper
149 100
91 82.6 53.1 79.7#
206 0.0 17.4 26.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2273
Delta R.T. -0.012 min
Lab File: BF133476.D
Acq: 24 May 2023 18:02

Tgt Ion:264 Resp: 268121
Ion Ratio Lower Upper
264 100
260 23.1 18.8 28.2
265 21.6 17.0 25.4

