

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022723\
 Data File : BF132547.D
 Acq On : 27 Feb 2023 12:14
 Operator : CG\JU
 Sample : 01654-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UGT

Quant Time: Feb 27 13:19:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.001	152	149452	20.000	ng	0.00
21) Naphthalene-d8	8.289	136	540219	20.000	ng	0.00
39) Acenaphthene-d10	10.048	164	298629	20.000	ng	0.00
64) Phenanthrene-d10	11.542	188	575648	20.000	ng	0.00
76) Chrysene-d12	14.201	240	314970	20.000	ng	0.00
86) Perylene-d12	15.754	264	306605	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.643	112	1158918	125.852	ng	0.01
7) Phenol-d6	6.631	99	1395183	116.091	ng	0.00
23) Nitrobenzene-d5	7.566	82	1095645	96.224	ng	0.00
42) 2,4,6-Tribromophenol	10.848	330	475584	147.465	ng	0.00
45) 2-Fluorobiphenyl	9.366	172	1743501	88.898	ng	0.00
79) Terphenyl-d14	13.136	244	2017408	108.294	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.760	117	11290	2.822	ng	# 5
19) n-Nitroso-di-n-propyla...	7.566	70	149730	20.244	ng	# 78
25) Isophorone	7.566	82	1094964	50.158	ng	# 67
27) 2,4-Dimethylphenol	8.037	122	52742	6.220	ng	# 2
32) Benzoic acid	8.037	122	52742	11.098	ng	# 94
51) 2,6-Dinitrotoluene	10.048	165	39464	7.969	ng	# 23
57) 2,4-Dinitrotoluene	10.048	165	39464	5.990	ng	# 21
67) 4-Bromophenyl-phenylether	10.848	248	30918	4.748	ng	# 1
77) Benzidine	13.136	184	29989	3.911	ng	# 94

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 24 23:17:30 2023
Response via : Initial Calibration

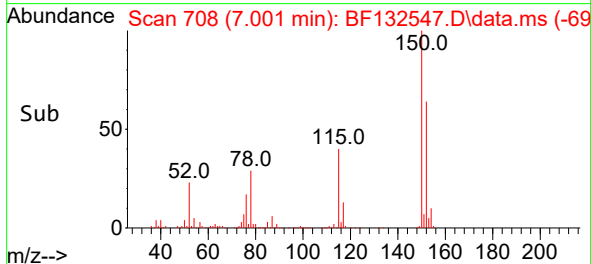
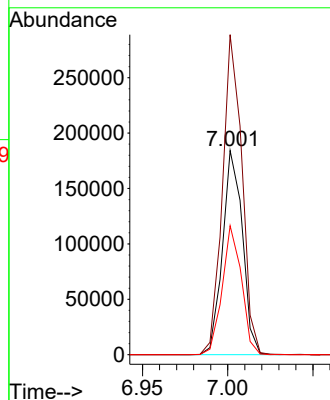
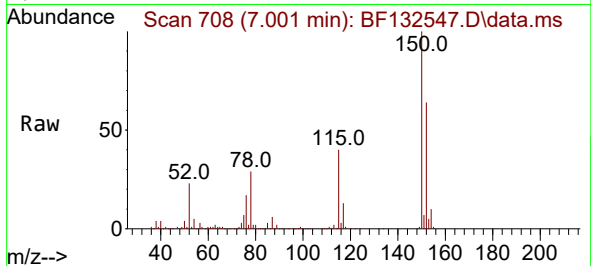




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.001 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF132547.D
Acq: 27 Feb 2023 12:14

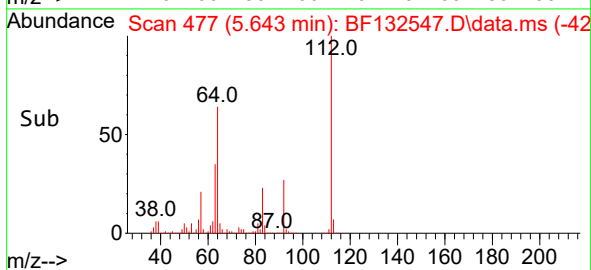
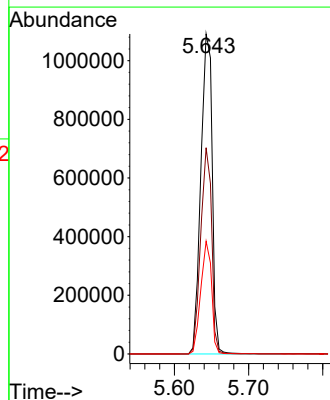
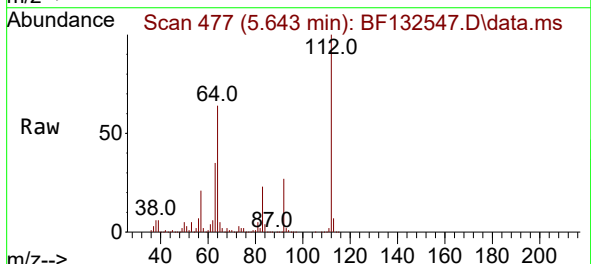
Instrument :
BNA_F
ClientSampleId :
UGT

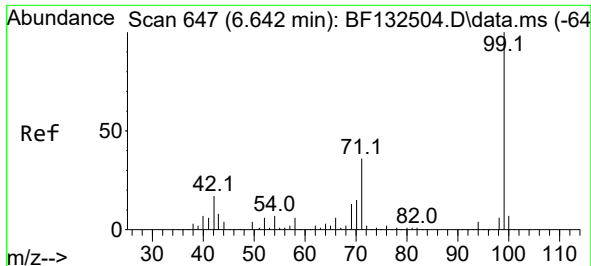
Tgt Ion:152 Resp: 149452
Ion Ratio Lower Upper
152 100
150 156.8 125.4 188.2
115 63.1 47.8 71.6



#5
2-Fluorophenol
Concen: 125.852 ng
RT: 5.643 min Scan# 477
Delta R.T. 0.012 min
Lab File: BF132547.D
Acq: 27 Feb 2023 12:14

Tgt Ion:112 Resp: 1158918
Ion Ratio Lower Upper
112 100
64 64.5 51.6 77.4
63 35.2 27.4 41.2

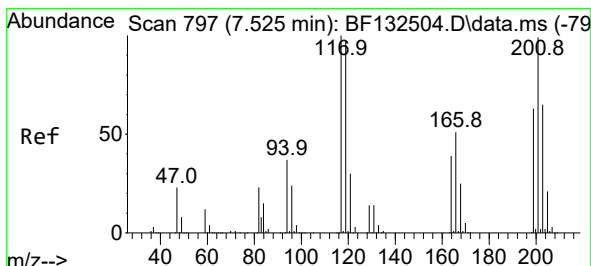
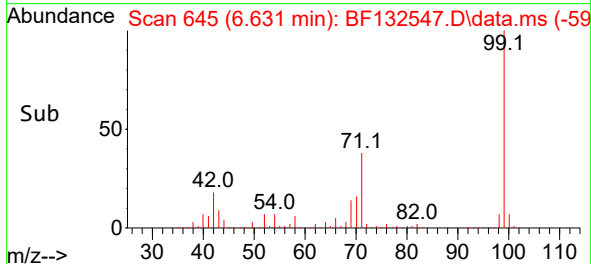
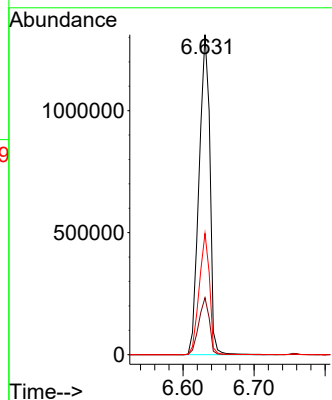
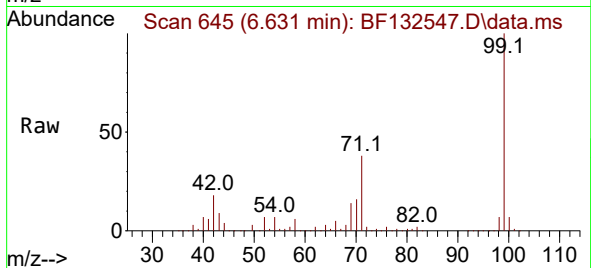




#7
Phenol-d6
Concen: 116.091 ng
RT: 6.631 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF132547.D
Acq: 27 Feb 2023 12:14

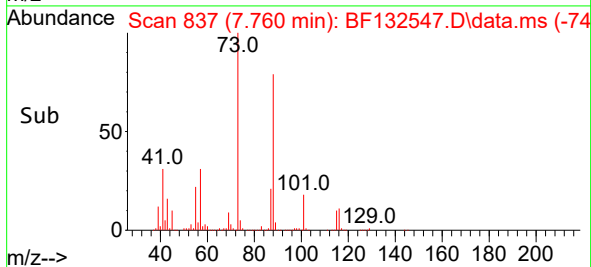
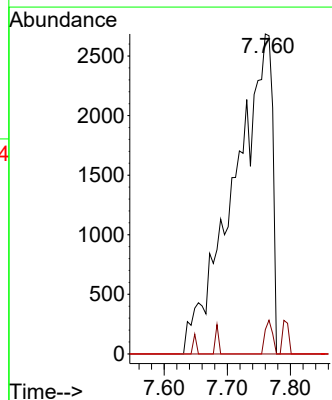
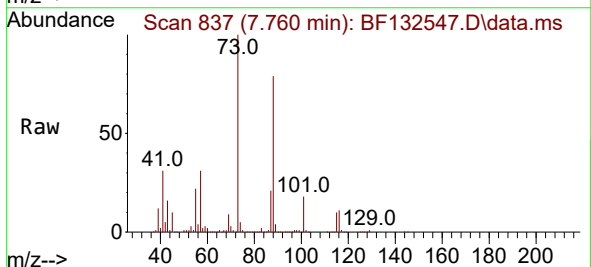
Instrument :
BNA_F
ClientSampleId :
UGT

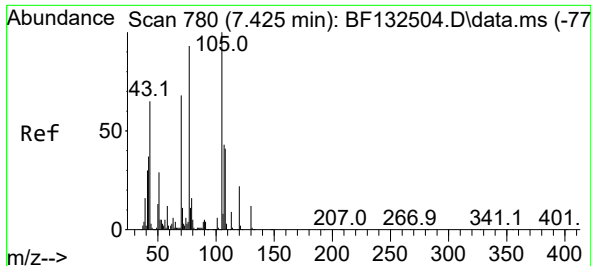
Tgt Ion: 99 Resp: 1395183
Ion Ratio Lower Upper
99 100
42 17.8 13.9 20.9
71 37.9 28.5 42.7



#18
Hexachloroethane
Concen: 2.822 ng
RT: 7.760 min Scan# 837
Delta R.T. 0.241 min
Lab File: BF132547.D
Acq: 27 Feb 2023 12:14

Tgt Ion: 117 Resp: 11290
Ion Ratio Lower Upper
117 100
119 7.6 78.0 117.0#
201 0.0 79.0 118.4#

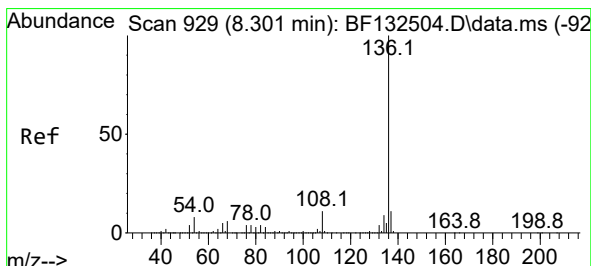
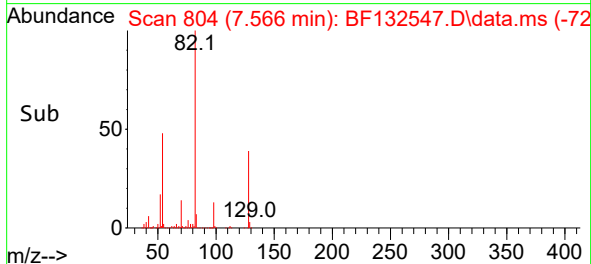
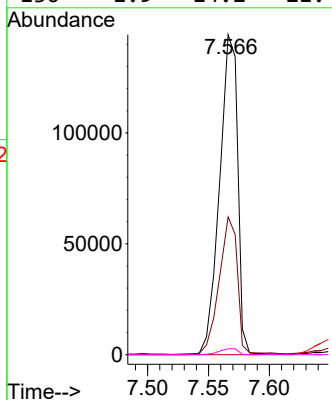
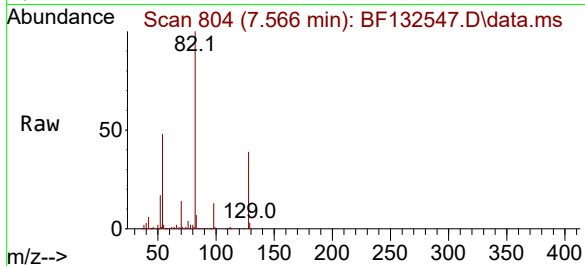




#19
n-Nitroso-di-n-propylamine
Concen: 20.244 ng
RT: 7.566 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF132547.D
Acq: 27 Feb 2023 12:14

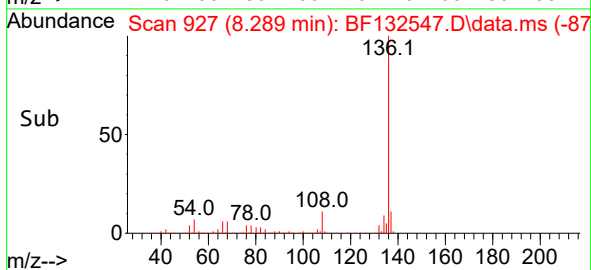
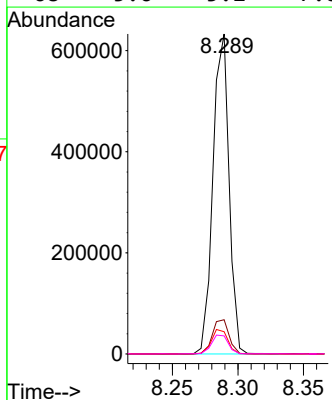
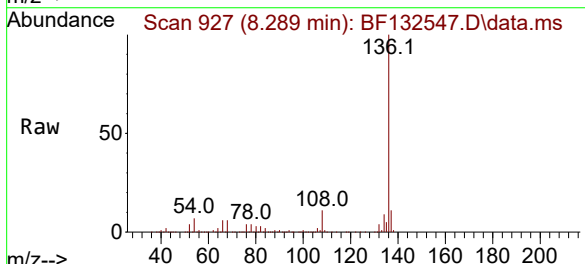
Instrument :
BNA_F
ClientSampleId :
UGT

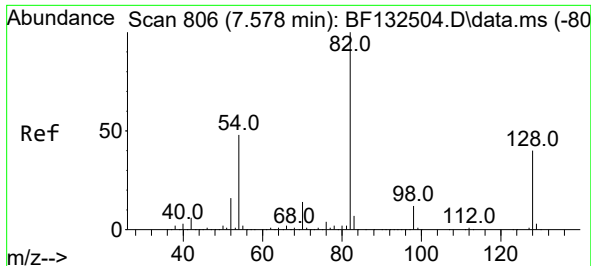
Tgt Ion: 70 Resp: 149730
Ion Ratio Lower Upper
70 100
42 43.1 44.1 66.1#
101 0.0 7.4 11.2#
130 1.9 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.289 min Scan# 927
Delta R.T. 0.000 min
Lab File: BF132547.D
Acq: 27 Feb 2023 12:14

Tgt Ion:136 Resp: 540219
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.0 6.2 9.4
68 5.6 5.2 7.8





#23

Nitrobenzene-d5

Concen: 96.224 ng

RT: 7.566 min Scan# 804

Delta R.T. -0.006 min

Lab File: BF132547.D

Acq: 27 Feb 2023 12:14

Instrument :

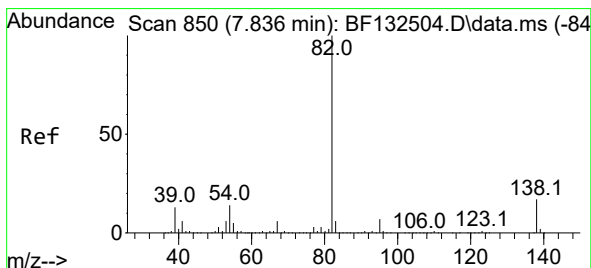
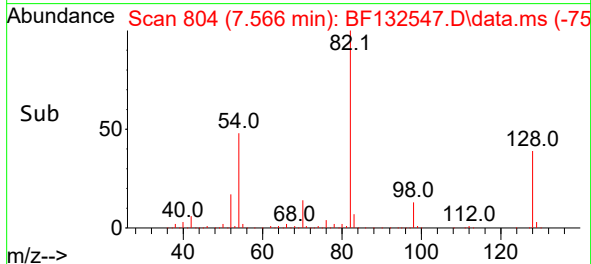
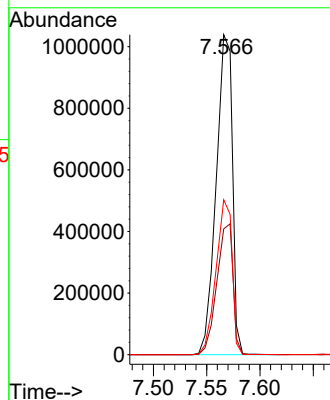
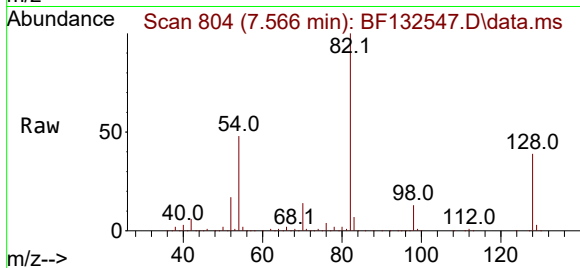
BNA_F

ClientSampleId :

UGT

Tgt Ion: 82 Resp: 1095645

Ion	Ratio	Lower	Upper
82	100		
128	39.3	32.2	48.2
54	48.4	38.4	57.6



#25

Isophorone

Concen: 50.158 ng

RT: 7.566 min Scan# 804

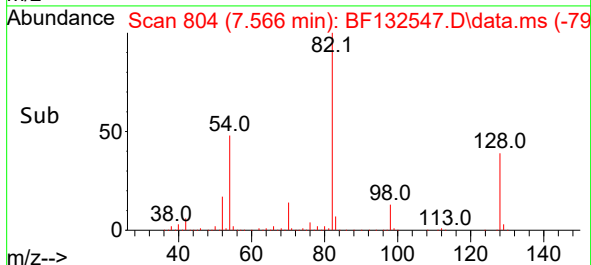
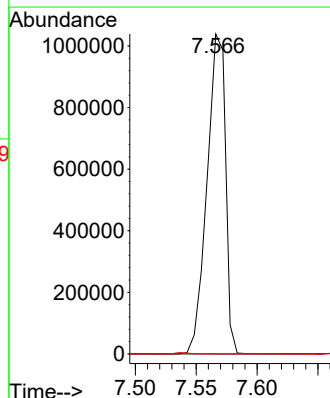
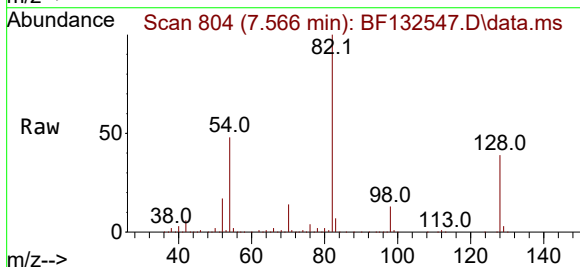
Delta R.T. -0.259 min

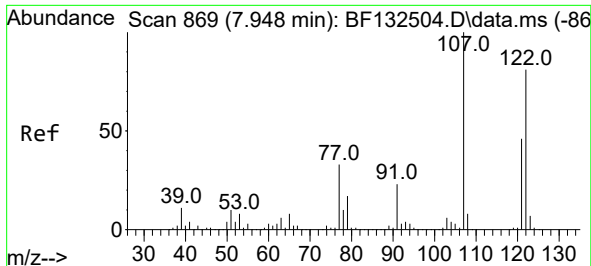
Lab File: BF132547.D

Acq: 27 Feb 2023 12:14

Tgt Ion: 82 Resp: 1094964

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.3	19.9#

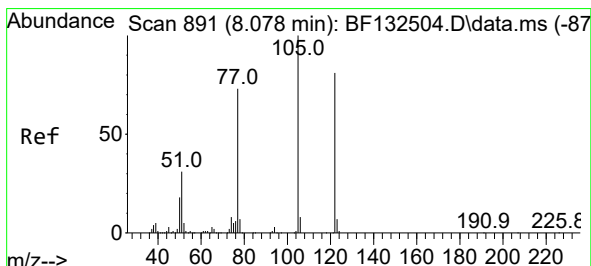
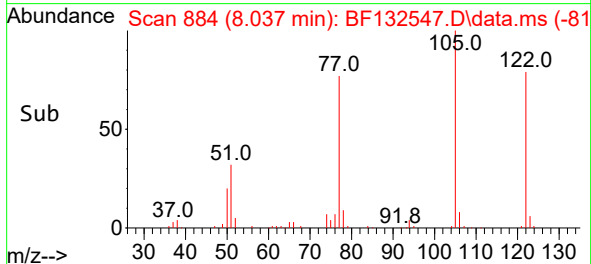
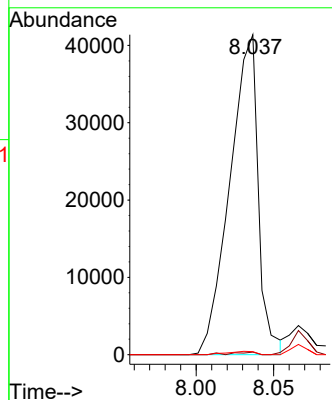
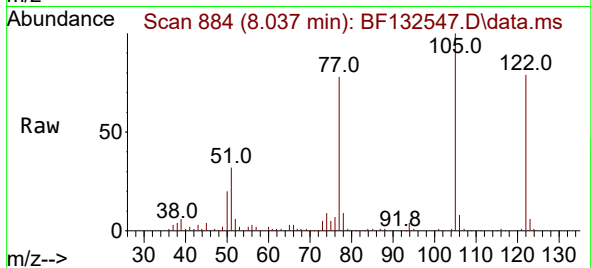




#27
2,4-Dimethylphenol
Concen: 6.220 ng
RT: 8.037 min Scan# 884
Delta R.T. 0.100 min
Lab File: BF132547.D
Acq: 27 Feb 2023 12:14

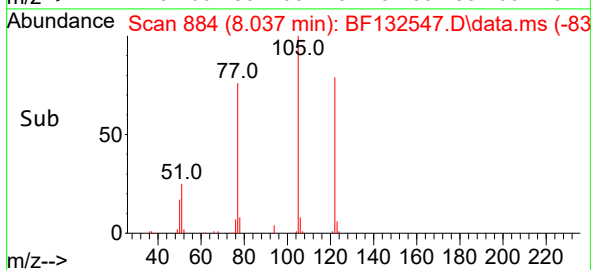
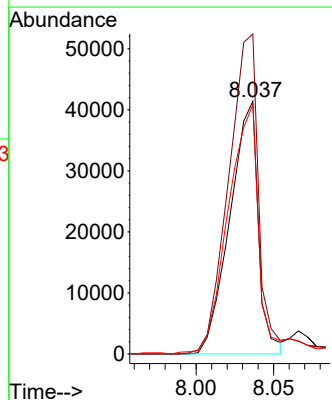
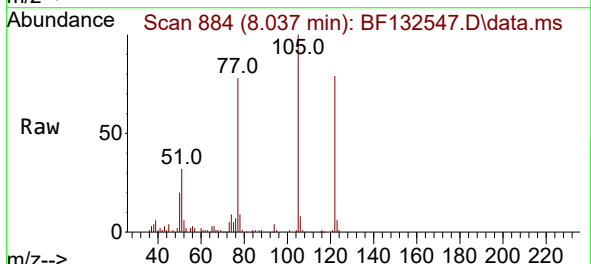
Instrument :
BNA_F
ClientSampleId :
UGT

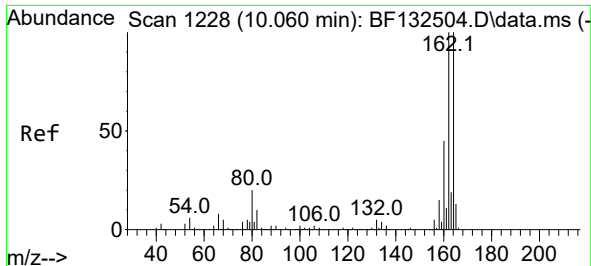
Tgt Ion:122 Resp: 52742
Ion Ratio Lower Upper
122 100
107 0.8 98.7 148.1#
121 1.0 45.8 68.6#



#32
Benzoic acid
Concen: 11.098 ng
RT: 8.037 min Scan# 884
Delta R.T. -0.029 min
Lab File: BF132547.D
Acq: 27 Feb 2023 12:14

Tgt Ion:122 Resp: 52742
Ion Ratio Lower Upper
122 100
105 126.7 102.6 142.6
77 98.7 70.2 110.2

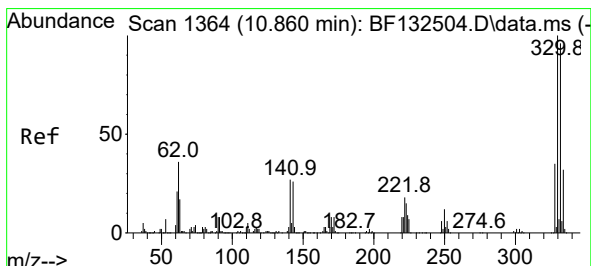
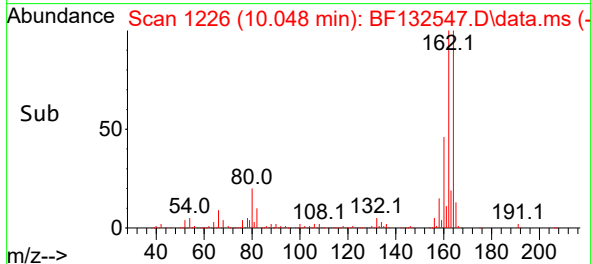
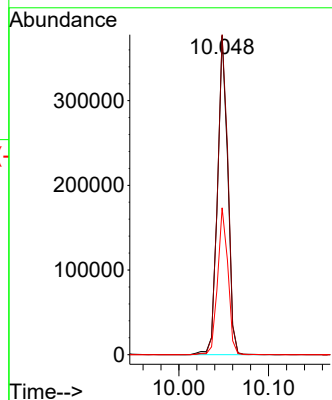
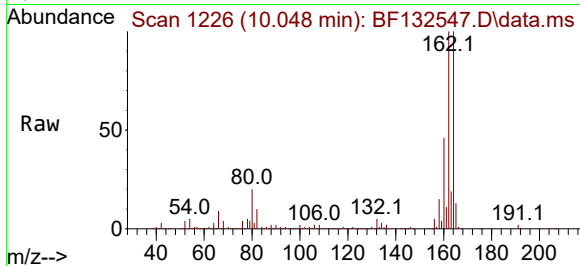




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.048 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132547.D
Acq: 27 Feb 2023 12:14

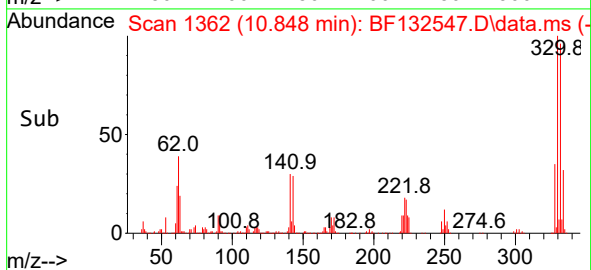
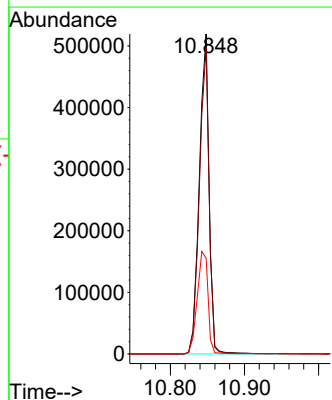
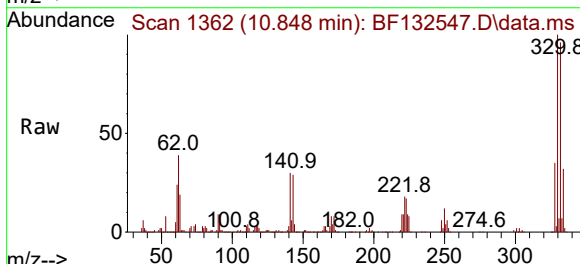
Instrument :
BNA_F
ClientSampleId :
UGT

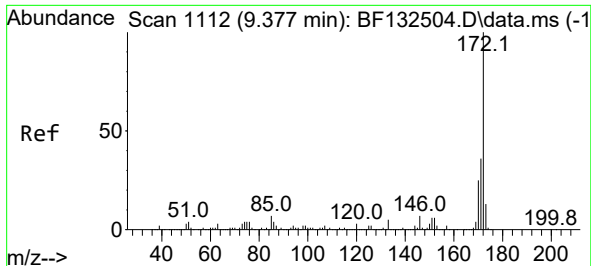
Tgt Ion:164 Resp: 298629
Ion Ratio Lower Upper
164 100
162 100.4 79.8 119.8
160 46.1 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 147.465 ng
RT: 10.848 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF132547.D
Acq: 27 Feb 2023 12:14

Tgt Ion:330 Resp: 475584
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 35.4 28.4 42.6





#45

2-Fluorobiphenyl

Concen: 88.898 ng

RT: 9.366 min Scan# 1110

Delta R.T. -0.006 min

Lab File: BF132547.D

Acq: 27 Feb 2023 12:14

Instrument :

BNA_F

ClientSampleId :

UGT

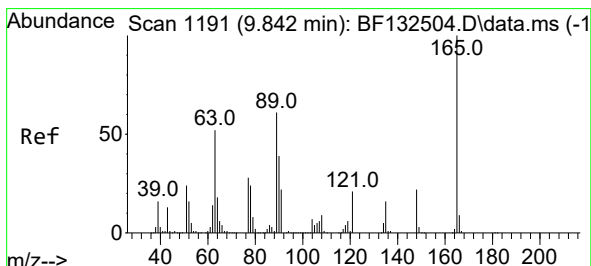
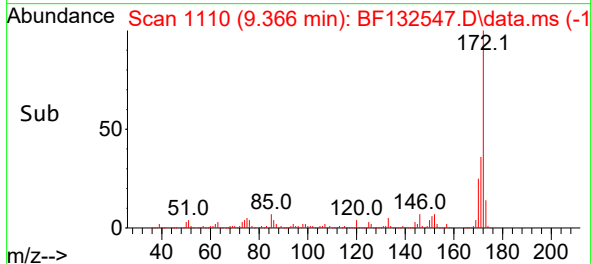
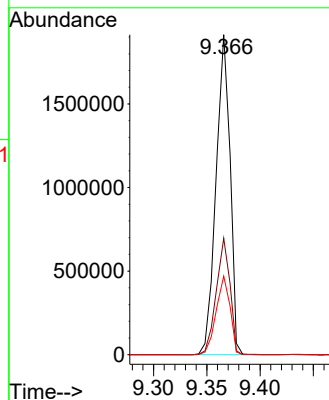
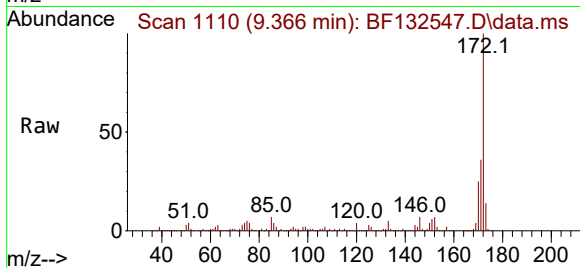
Tgt Ion:172 Resp: 1743501

Ion Ratio Lower Upper

172 100

171 36.4 28.8 43.2

170 24.6 19.7 29.5



#51

2,6-Dinitrotoluene

Concen: 7.969 ng

RT: 10.048 min Scan# 1226

Delta R.T. 0.212 min

Lab File: BF132547.D

Acq: 27 Feb 2023 12:14

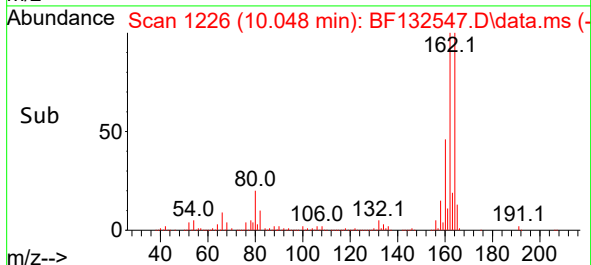
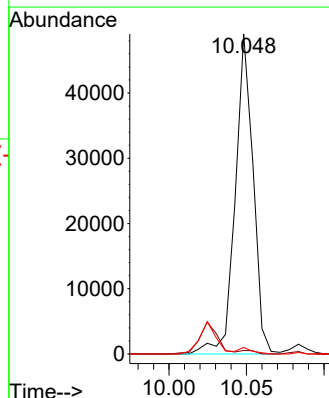
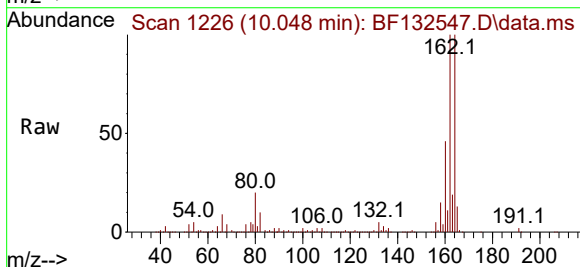
Tgt Ion:165 Resp: 39464

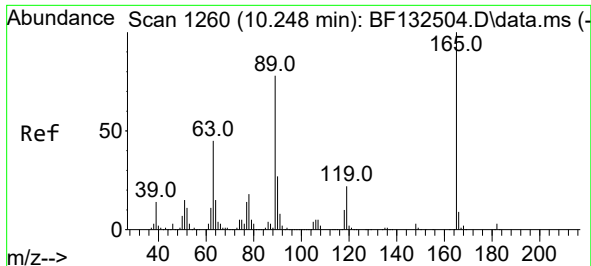
Ion Ratio Lower Upper

165 100

63 1.1 47.3 70.9#

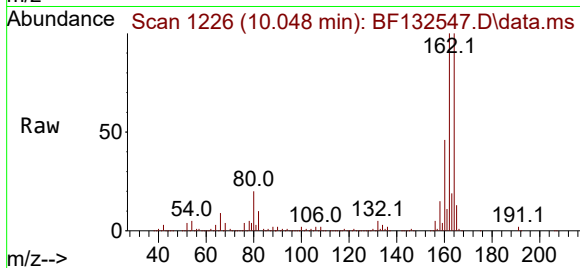
89 2.1 48.9 73.3#



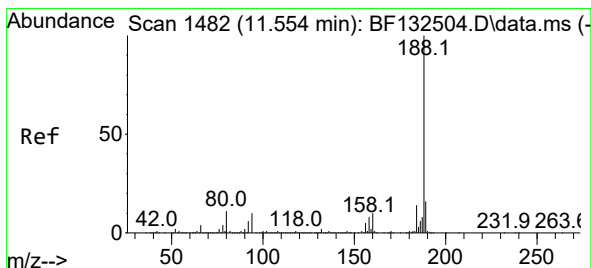
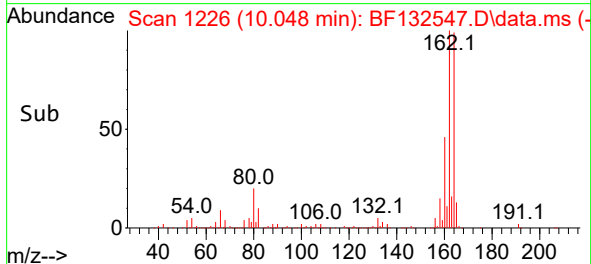
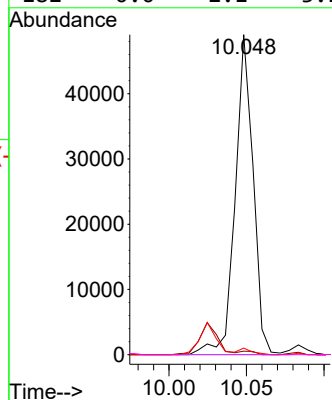


#57
2,4-Dinitrotoluene
Concen: 5.990 ng
RT: 10.048 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF132547.D
Acq: 27 Feb 2023 12:14

Instrument :
BNA_F
ClientSampleId :
UGT

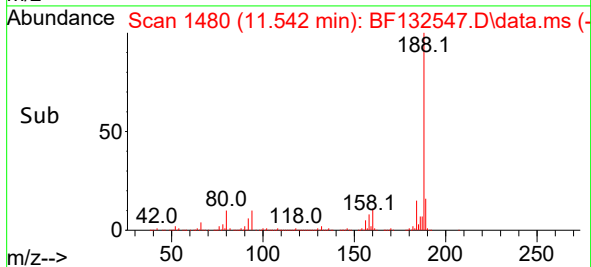
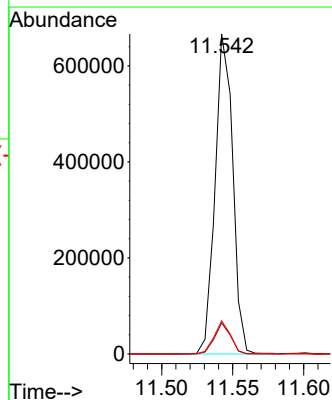
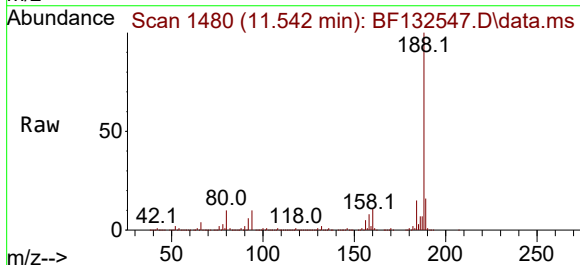


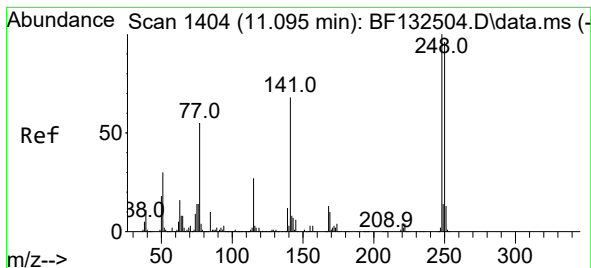
Tgt Ion:165 Resp: 39464
Ion Ratio Lower Upper
165 100
63 1.1 36.5 54.7#
89 2.1 62.4 93.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.542 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF132547.D
Acq: 27 Feb 2023 12:14

Tgt Ion:188 Resp: 575648
Ion Ratio Lower Upper
188 100
94 9.7 8.3 12.5
80 10.3 8.7 13.1

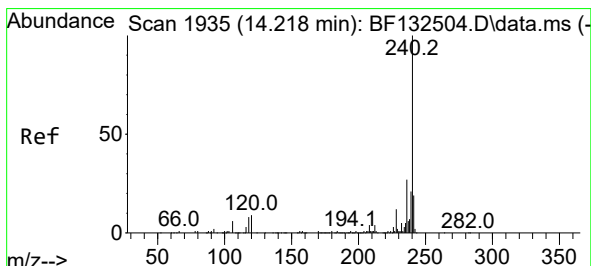
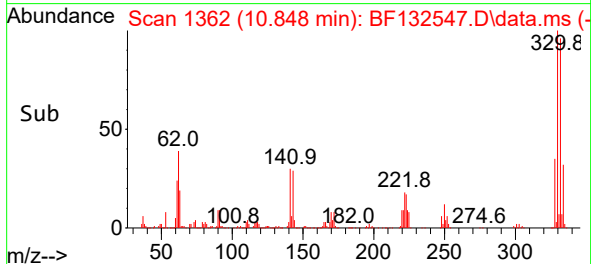
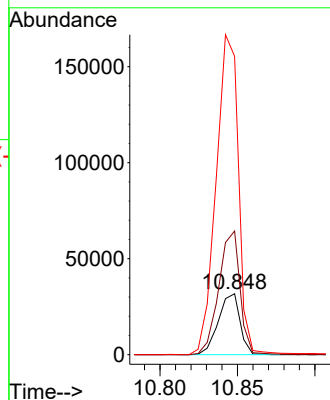
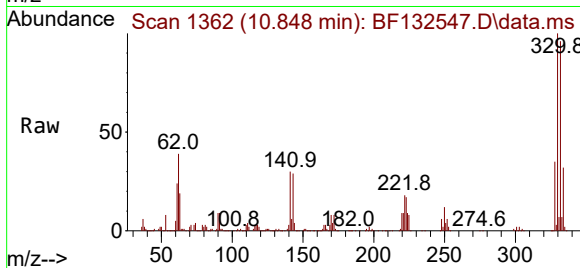




#67
4-Bromophenyl-phenylether
Concen: 4.748 ng
RT: 10.848 min Scan# 11
Delta R.T. -0.241 min
Lab File: BF132547.D
Acq: 27 Feb 2023 12:14

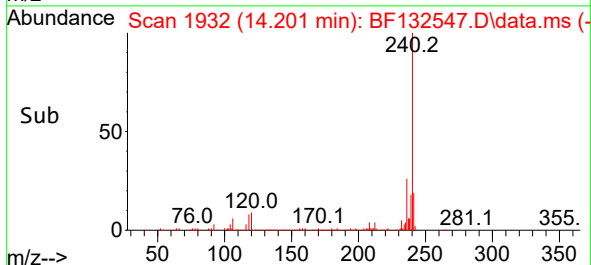
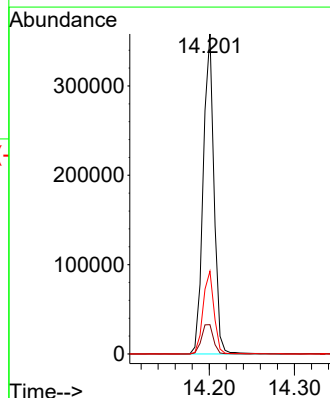
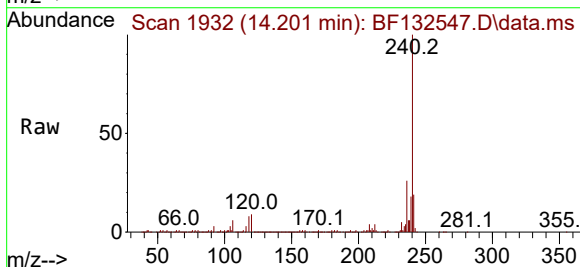
Instrument :
BNA_F
ClientSampleId :
UGT

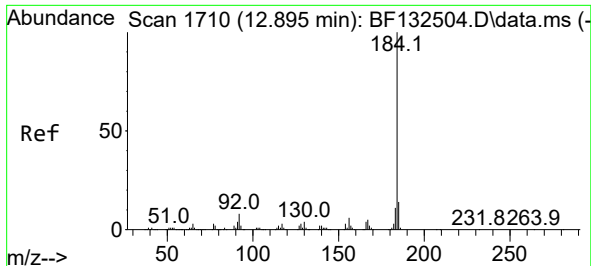
Tgt Ion:248 Resp: 30918
Ion Ratio Lower Upper
248 100
250 202.8 77.0 115.4#
141 489.3 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.201 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BF132547.D
Acq: 27 Feb 2023 12:14

Tgt Ion:240 Resp: 314970
Ion Ratio Lower Upper
240 100
120 9.1 7.2 10.8
236 25.8 21.8 32.6

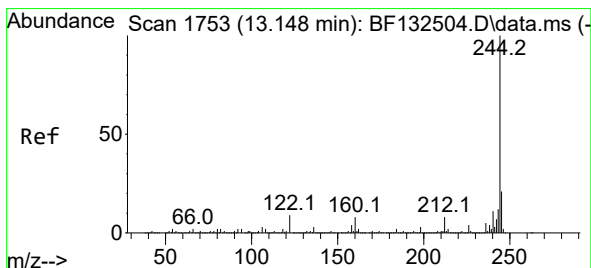
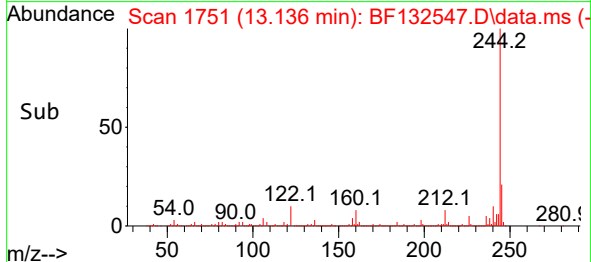
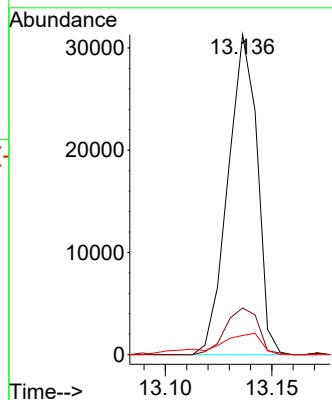
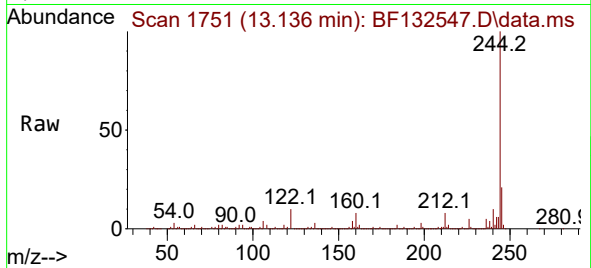




#77
Benzidine
Concen: 3.911 ng
RT: 13.136 min Scan# 1751
Delta R.T. 0.253 min
Lab File: BF132547.D
Acq: 27 Feb 2023 12:14

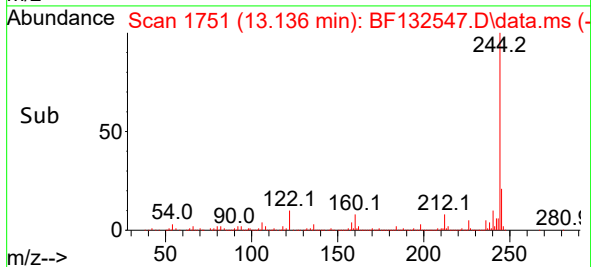
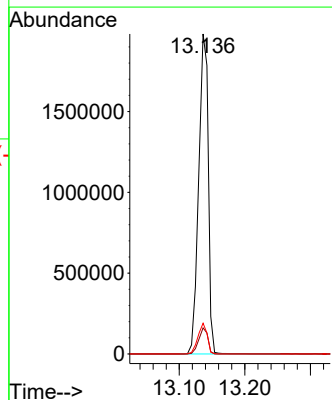
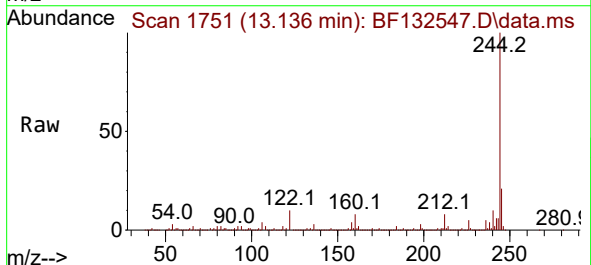
Instrument :
BNA_F
ClientSampleId :
UGT

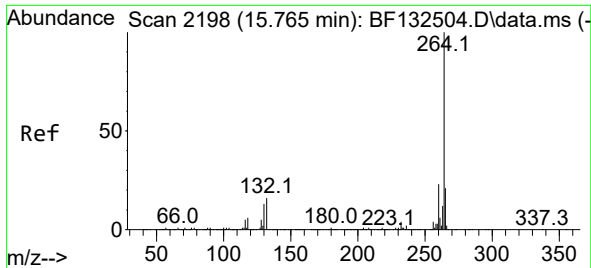
Tgt Ion:184 Resp: 29989
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 6.0 8.7 13.1#



#79
Terphenyl-d14
Concen: 108.294 ng
RT: 13.136 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BF132547.D
Acq: 27 Feb 2023 12:14

Tgt Ion:244 Resp: 2017408
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 9.6 7.5 11.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.754 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF132547.D
 Acq: 27 Feb 2023 12:14

Instrument :
 BNA_F
 ClientSampleId :
 UGT

Tgt Ion:264 Resp: 306605
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.8 28.2
 265 21.7 17.1 25.7

