

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021323\
 Data File : BF132420.D
 Acq On : 13 Feb 2023 20:46
 Operator : CG\JU
 Sample : 01328-16
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 01:40:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 14 00:51:00 2023
 Response via : Initial Calibration

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

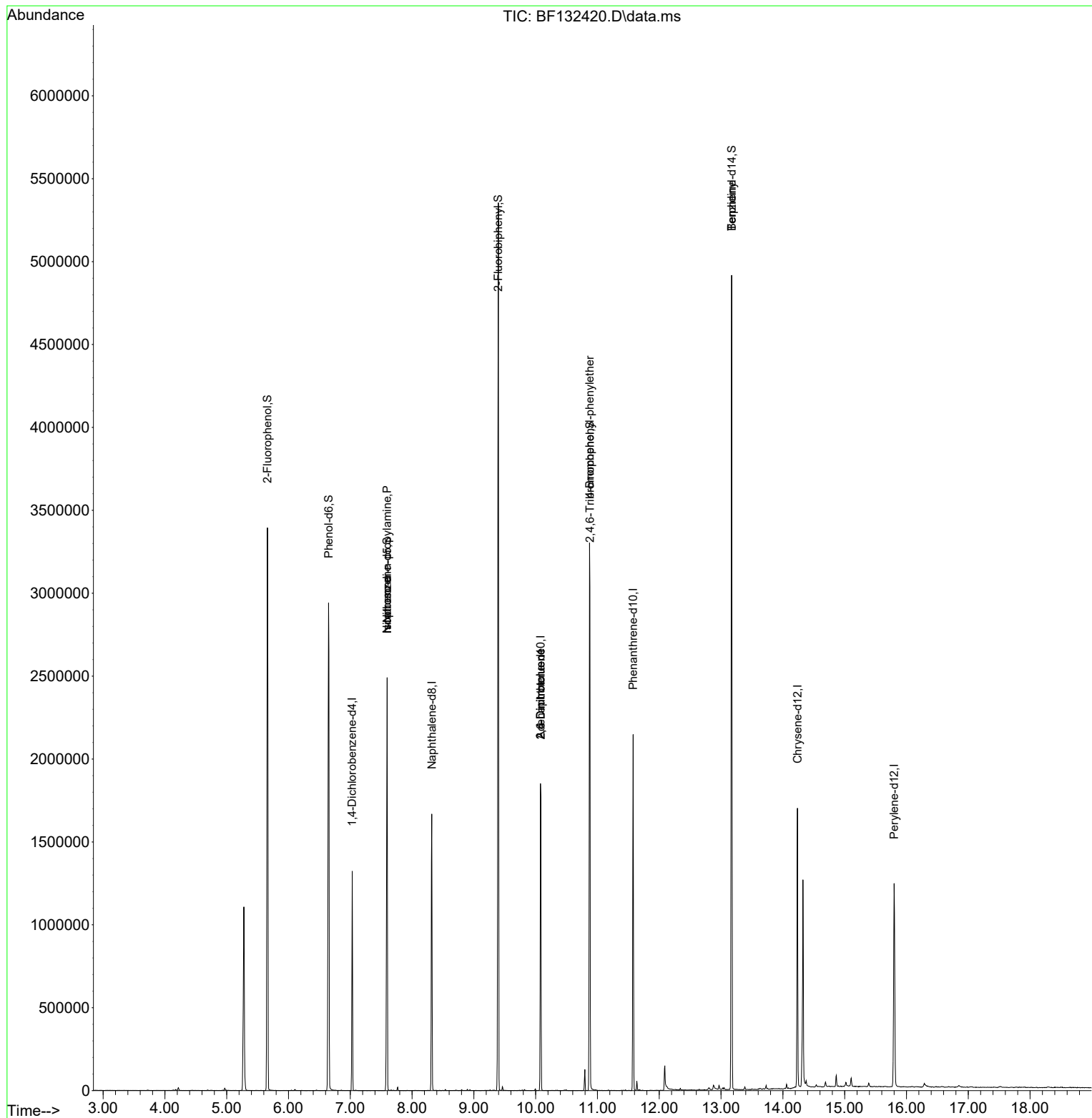
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.031	152	193921	20.000	ng	0.00
21) Naphthalene-d8	8.319	136	754217	20.000	ng	0.00
39) Acenaphthene-d10	10.078	164	389767	20.000	ng	0.00
64) Phenanthrene-d10	11.577	188	736840	20.000	ng	0.00
76) Chrysene-d12	14.236	240	529722	20.000	ng	0.00
86) Perylene-d12	15.801	264	574133	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.660	112	1215136	114.347	ng	0.01
7) Phenol-d6	6.648	99	1433161	108.211	ng	0.00
23) Nitrobenzene-d5	7.595	82	848062	67.078	ng	0.00
42) 2,4,6-Tribromophenol	10.877	330	476295	91.828	ng	0.00
45) 2-Fluorobiphenyl	9.395	172	1563905	58.087	ng	0.00
79) Terphenyl-d14	13.171	244	1737646	55.169	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.595	70	102045	13.503	ng	# 70
25) Isophorone	7.595	82	846576	38.008	ng	# 61
51) 2,6-Dinitrotoluene	10.078	165	50767	7.883	ng	# 31
57) 2,4-Dinitrotoluene	10.078	165	50767	6.000	ng	# 29
67) 4-Bromophenyl-phenylether	10.872	248	26536	3.086	ng	# 1
77) Benzidine	13.171	184	25993	3.449	ng	# 87

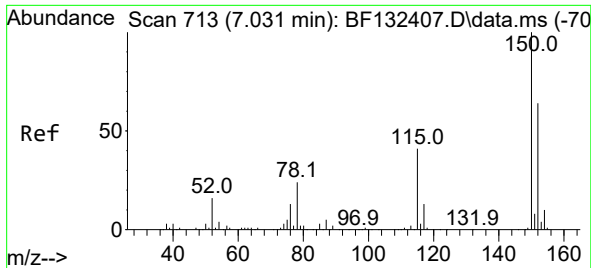
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021323\
Data File : BF132420.D
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Misc :
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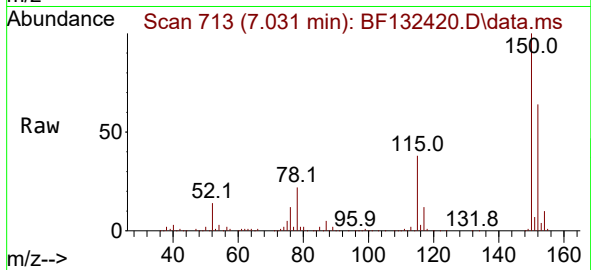
Quant Time: Feb 14 01:40:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 14 00:51:00 2023
Response via : Initial Calibration



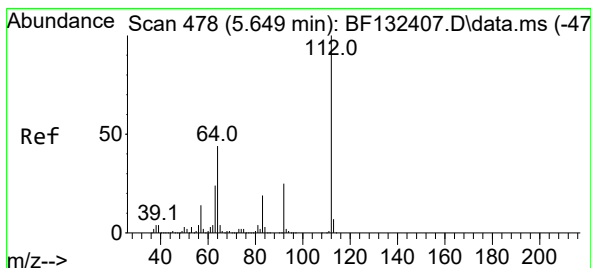
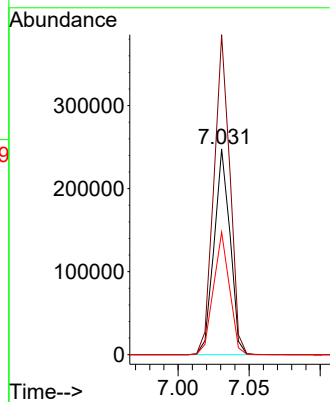
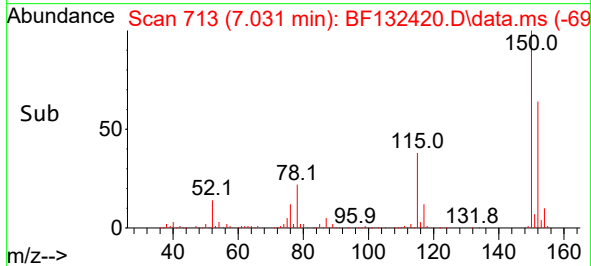


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.031 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF132420.D
Acq: 13 Feb 2023 20:46

Instrument :
BNA_F
ClientSampleId :

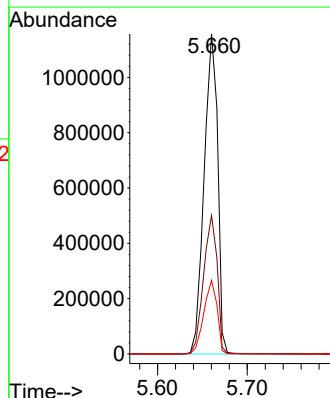
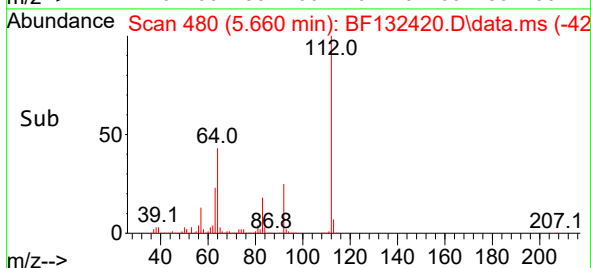
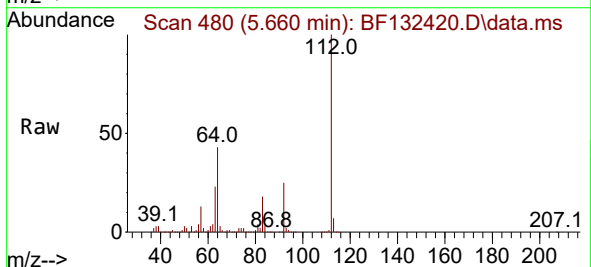


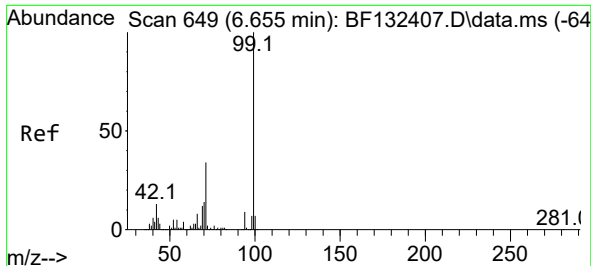
Tgt Ion:152 Resp: 193921
Ion Ratio Lower Upper
152 100
150 155.5 124.4 186.6
115 59.6 50.6 75.8



#5
2-Fluorophenol
Concen: 114.347 ng
RT: 5.660 min Scan# 480
Delta R.T. 0.011 min
Lab File: BF132420.D
Acq: 13 Feb 2023 20:46

Tgt Ion:112 Resp: 1215136
Ion Ratio Lower Upper
112 100
64 43.3 34.8 52.2
63 23.0 19.3 28.9

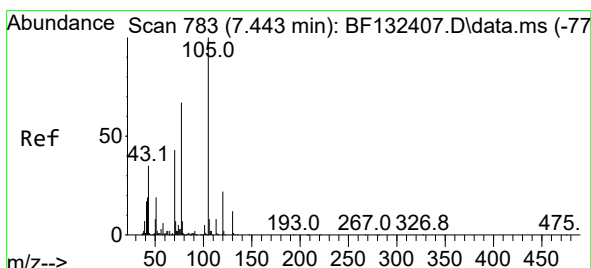
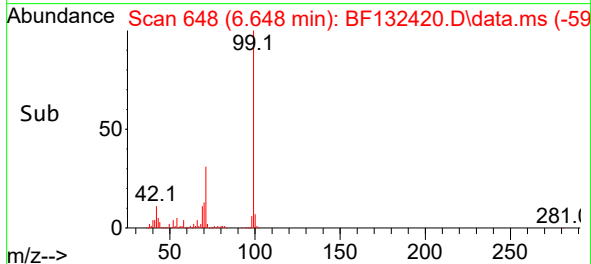
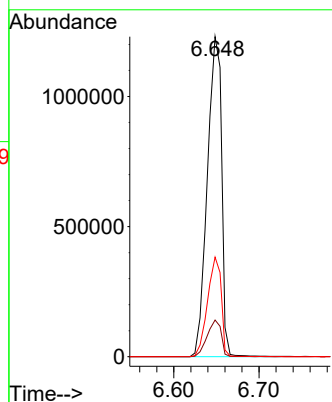
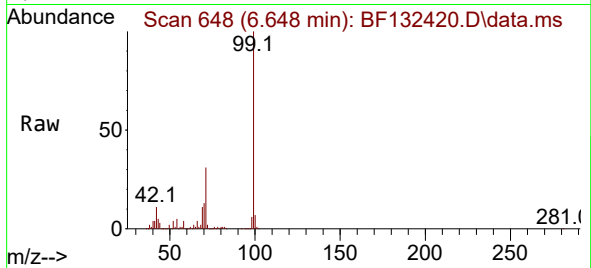




#7
Phenol-d6
Concen: 108.211 ng
RT: 6.648 min Scan# 64
Delta R.T. -0.007 min
Lab File: BF132420.D
Acq: 13 Feb 2023 20:46

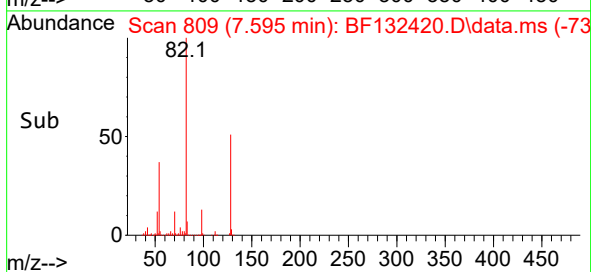
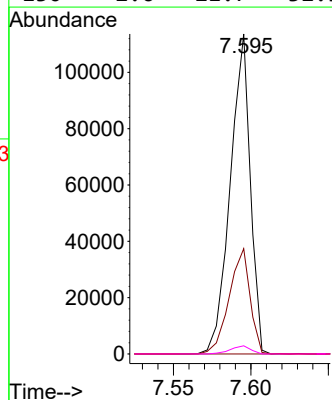
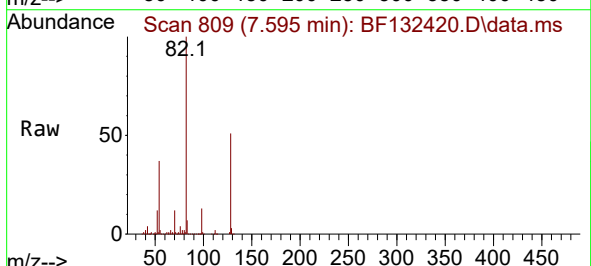
Instrument :
BNA_F
ClientSampleId :

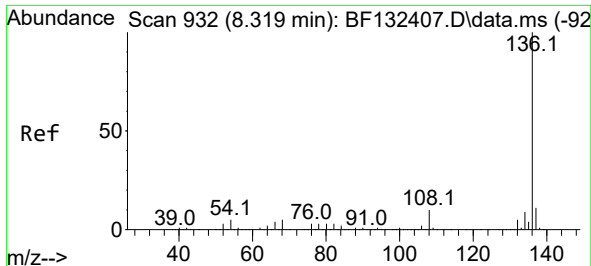
Tgt Ion: 99 Resp: 1433161
Ion Ratio Lower Upper
99 100
42 11.5 10.1 15.1
71 31.1 26.8 40.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.503 ng
RT: 7.595 min Scan# 809
Delta R.T. 0.153 min
Lab File: BF132420.D
Acq: 13 Feb 2023 20:46

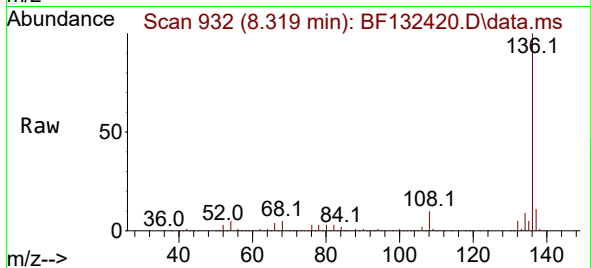
Tgt Ion: 70 Resp: 102045
Ion Ratio Lower Upper
70 100
42 32.9 36.0 54.0#
101 0.0 9.4 14.2#
130 2.6 21.7 32.5#



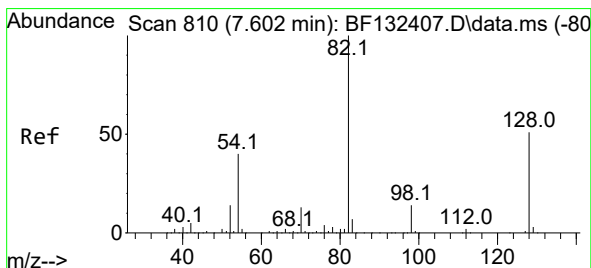
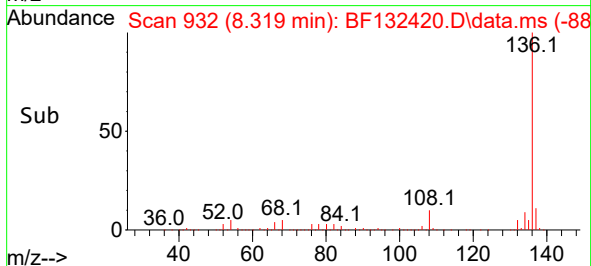
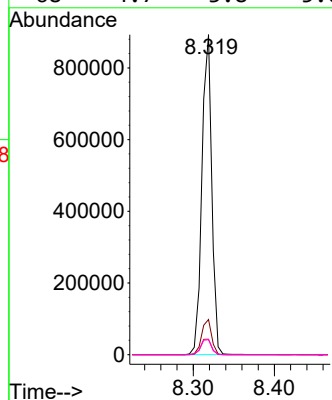


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.319 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF132420.D
Acq: 13 Feb 2023 20:46

Instrument :
BNA_F
ClientSampleId :

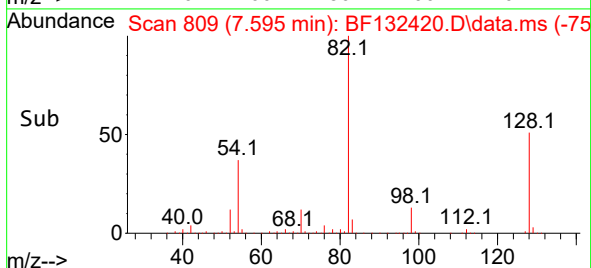
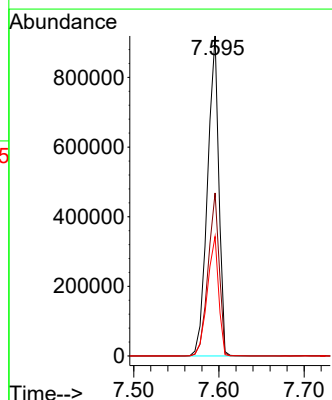
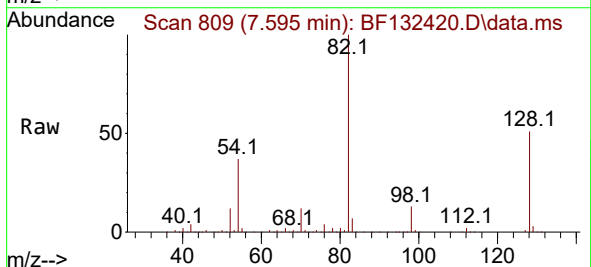


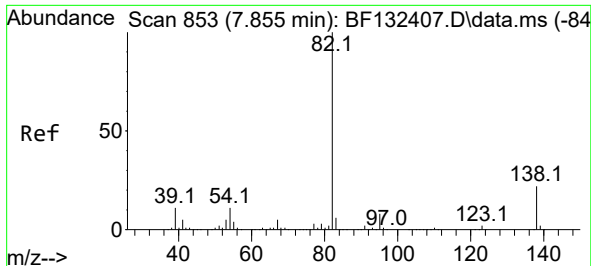
Tgt Ion:136 Resp: 754217
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 4.9 4.2 6.2
68 4.7 3.8 5.6



#23
Nitrobenzene-d5
Concen: 67.078 ng
RT: 7.595 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF132420.D
Acq: 13 Feb 2023 20:46

Tgt Ion: 82 Resp: 848062
Ion Ratio Lower Upper
82 100
128 50.9 40.7 61.1
54 37.4 32.3 48.5

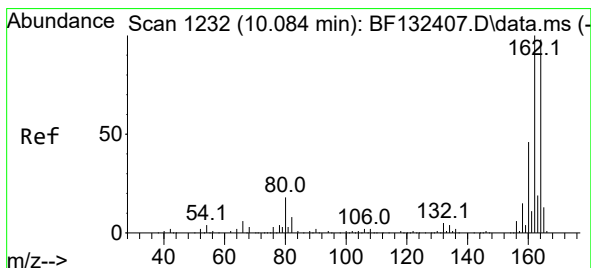
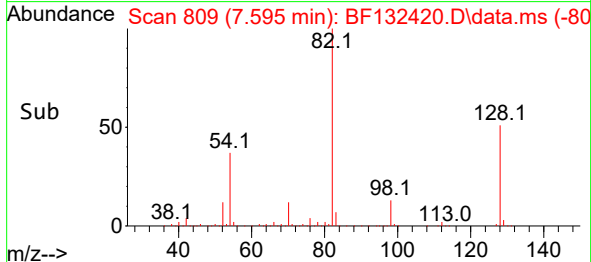
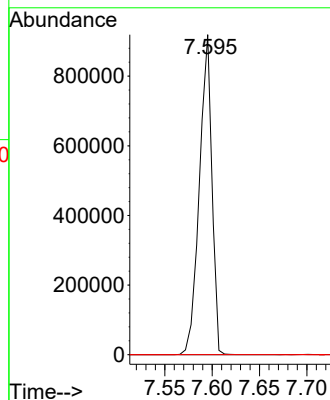
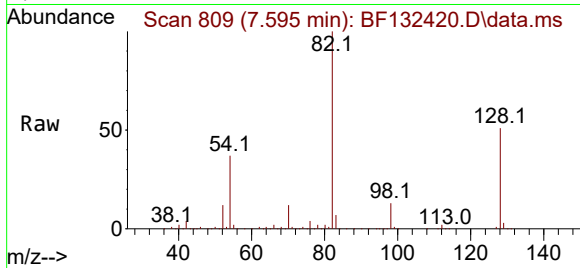




#25
Isophorone
Concen: 38.008 ng
RT: 7.595 min Scan# 80
Delta R.T. -0.259 min
Lab File: BF132420.D
Acq: 13 Feb 2023 20:46

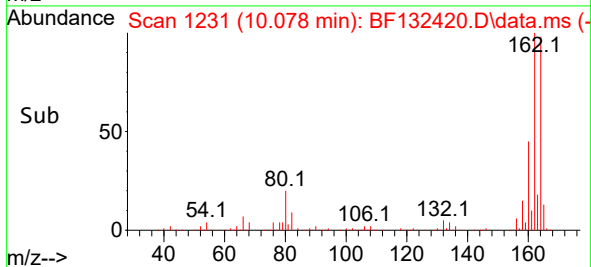
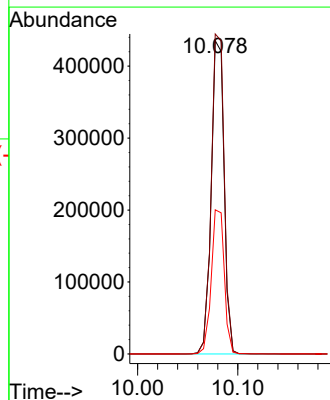
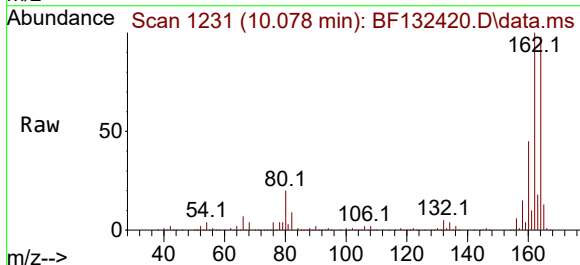
Instrument :
BNA_F
ClientSampleId :

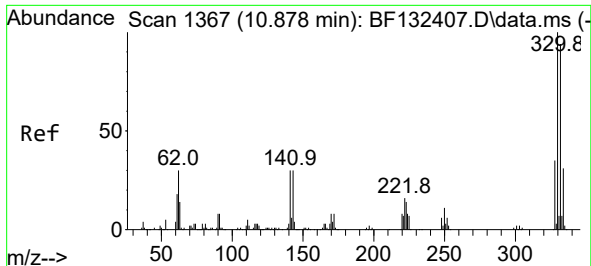
Tgt Ion: 82 Resp: 846576
Ion Ratio Lower Upper
82 100
95 0.0 6.6 9.8#
138 0.0 17.2 25.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.078 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF132420.D
Acq: 13 Feb 2023 20:46

Tgt Ion:164 Resp: 389767
Ion Ratio Lower Upper
164 100
162 102.1 81.8 122.6
160 46.0 37.4 56.0





#42

2,4,6-Tribromophenol

Concen: 91.828 ng

RT: 10.877 min Scan# 11367

Delta R.T. -0.000 min

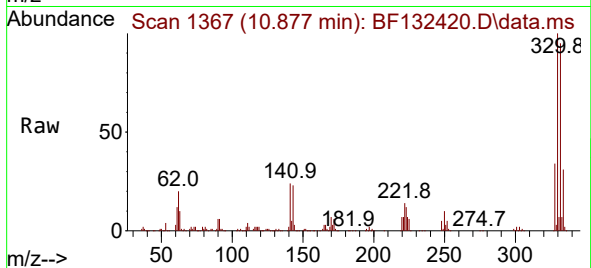
Lab File: BF132420.D

Acq: 13 Feb 2023 20:46

Instrument :

BNA_F

ClientSampleId :



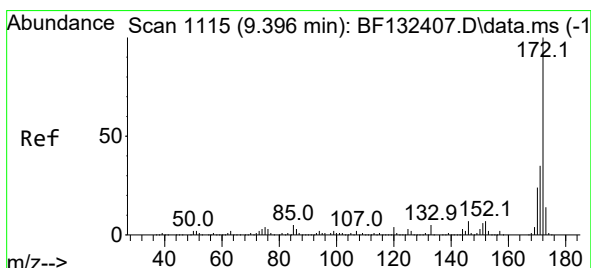
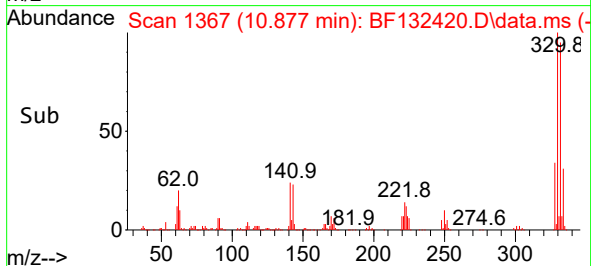
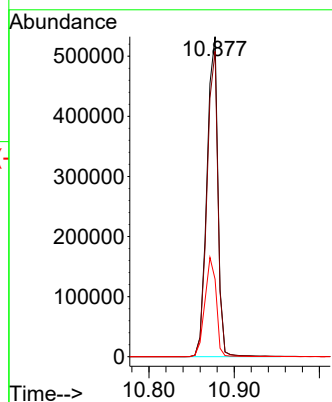
Tgt Ion:330 Resp: 476295

Ion Ratio Lower Upper

330 100

332 95.1 76.7 115.1

141 32.1 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 58.087 ng

RT: 9.395 min Scan# 1115

Delta R.T. -0.000 min

Lab File: BF132420.D

Acq: 13 Feb 2023 20:46

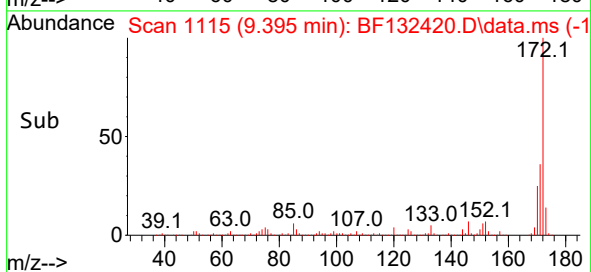
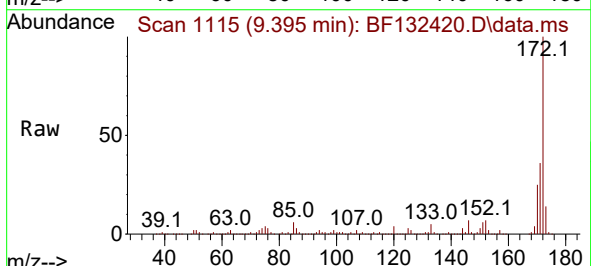
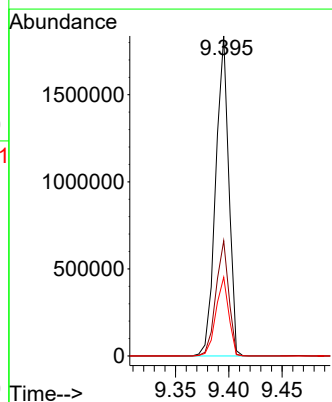
Tgt Ion:172 Resp: 1563905

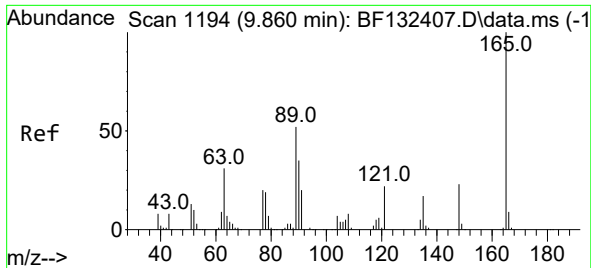
Ion Ratio Lower Upper

172 100

171 36.0 28.3 42.5

170 24.6 19.3 28.9

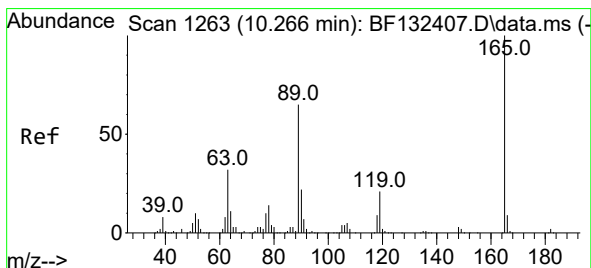
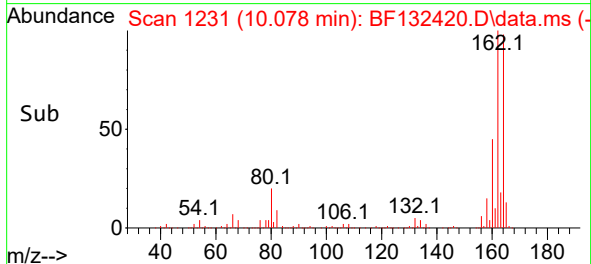
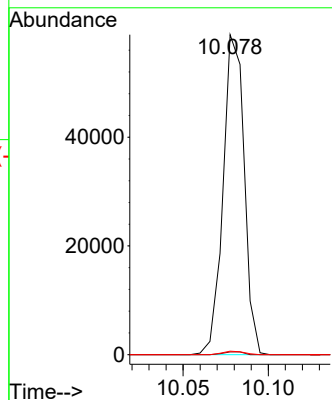
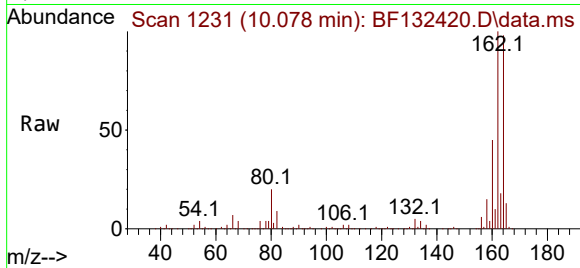




#51
2,6-Dinitrotoluene
Concen: 7.883 ng
RT: 10.078 min Scan# 1194
Delta R.T. 0.218 min
Lab File: BF132420.D
Acq: 13 Feb 2023 20:46

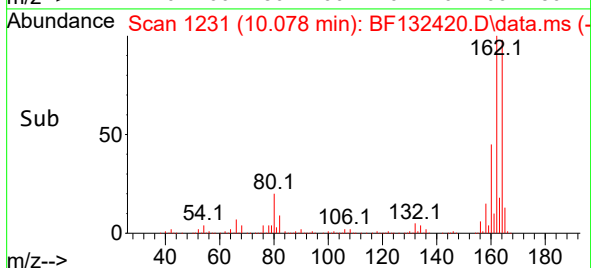
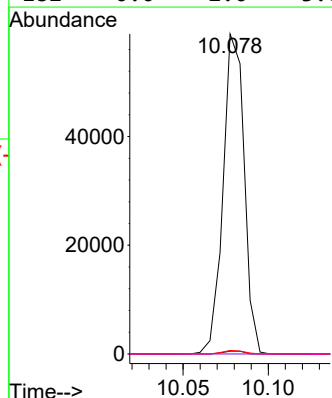
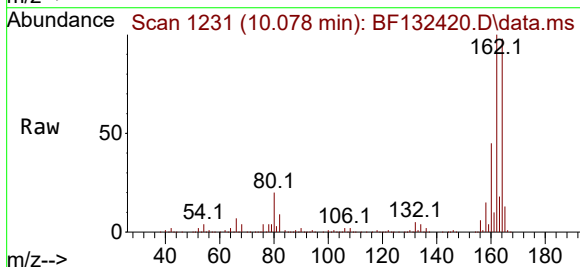
Instrument :
BNA_F
ClientSampleId :

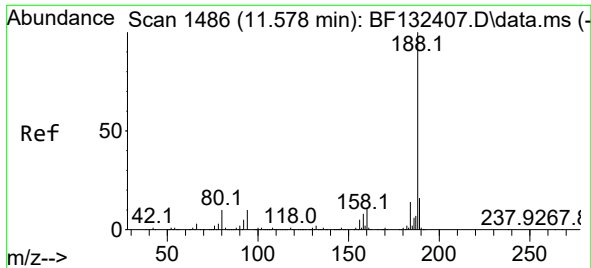
Tgt Ion:165 Resp: 50767
Ion Ratio Lower Upper
165 100
63 0.9 34.0 51.0#
89 1.1 41.8 62.6#



#57
2,4-Dinitrotoluene
Concen: 6.000 ng
RT: 10.078 min Scan# 1231
Delta R.T. -0.188 min
Lab File: BF132420.D
Acq: 13 Feb 2023 20:46

Tgt Ion:165 Resp: 50767
Ion Ratio Lower Upper
165 100
63 0.9 25.4 38.2#
89 1.1 52.2 78.2#
182 0.0 2.0 3.0#

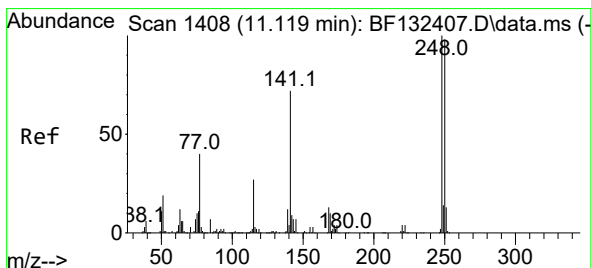
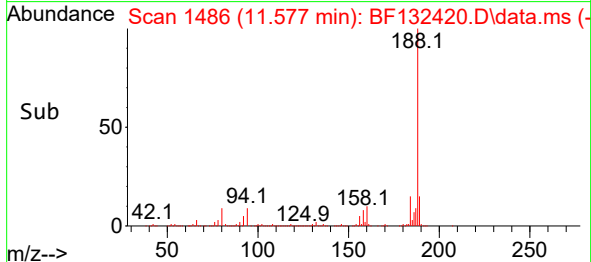
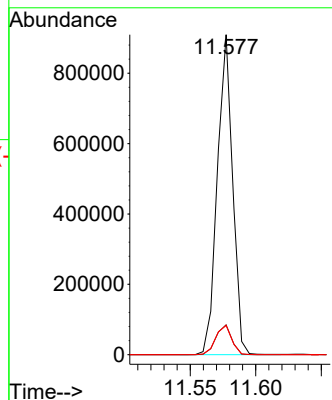
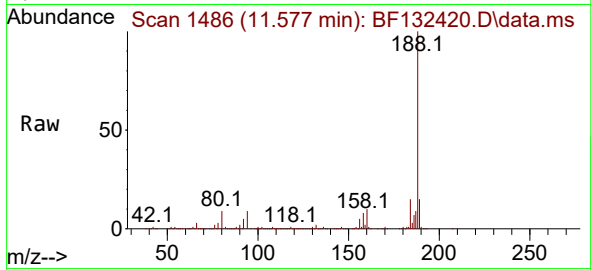




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.577 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF132420.D
Acq: 13 Feb 2023 20:46

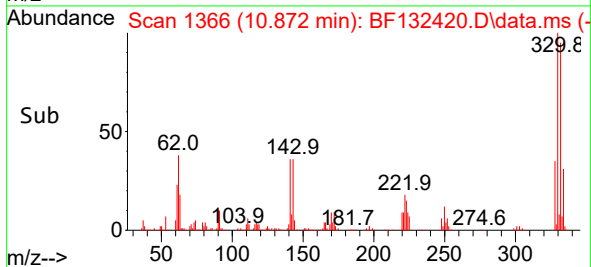
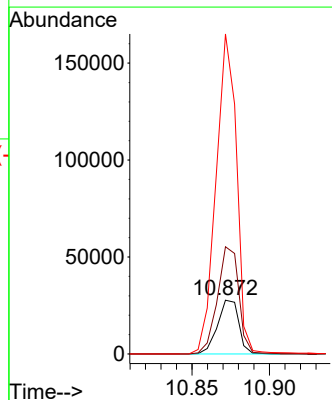
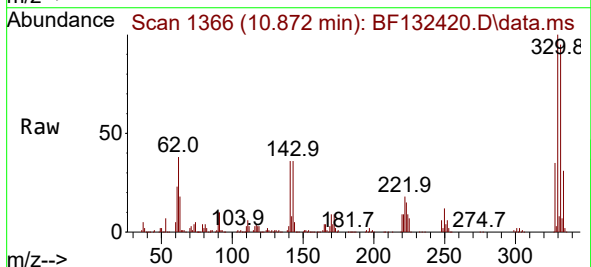
Instrument :
BNA_F
ClientSampleId :

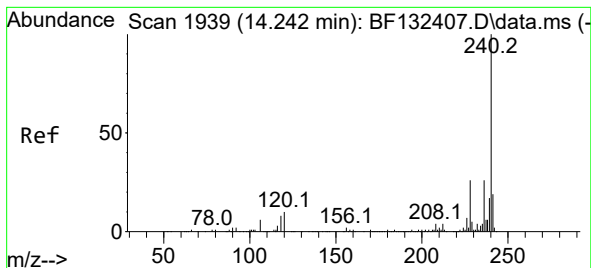
Tgt Ion:188 Resp: 736840
Ion Ratio Lower Upper
188 100
94 9.4 7.8 11.6
80 9.1 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.086 ng
RT: 10.872 min Scan# 1366
Delta R.T. -0.247 min
Lab File: BF132420.D
Acq: 13 Feb 2023 20:46

Tgt Ion:248 Resp: 26536
Ion Ratio Lower Upper
248 100
250 199.1 78.1 117.1#
141 594.4 57.9 86.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.236 min Scan# 1938

Delta R.T. -0.006 min

Lab File: BF132420.D

Acq: 13 Feb 2023 20:46

Instrument :

BNA_F

ClientSampleId :

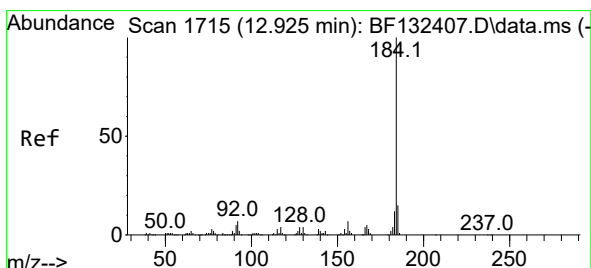
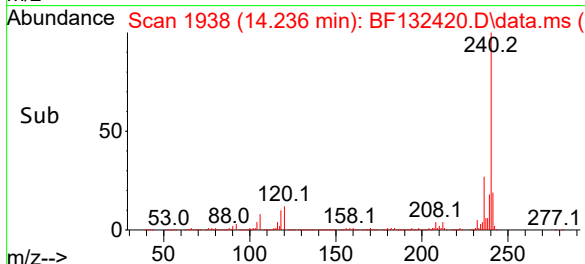
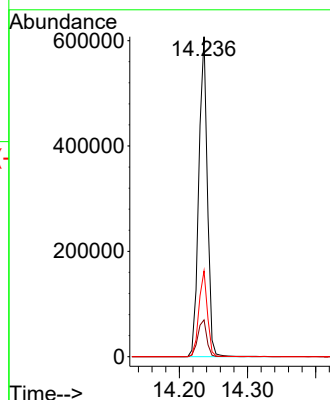
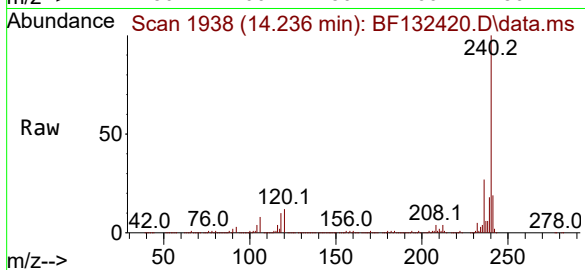
Tgt Ion:240 Resp: 529722

Ion Ratio Lower Upper

240 100

120 11.5 7.7 11.5

236 26.8 21.1 31.7



#77

Benzidine

Concen: 3.449 ng

RT: 13.171 min Scan# 1757

Delta R.T. 0.247 min

Lab File: BF132420.D

Acq: 13 Feb 2023 20:46

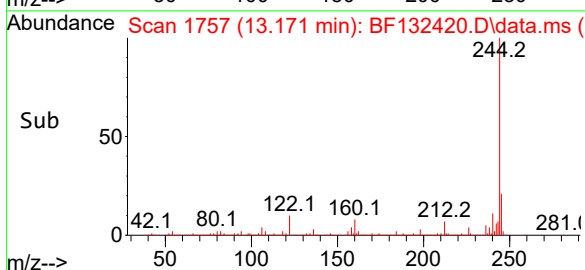
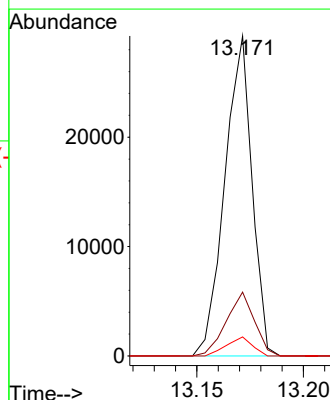
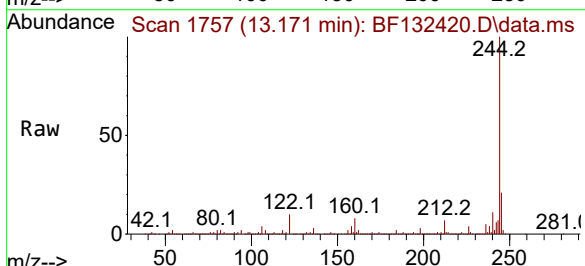
Tgt Ion:184 Resp: 25993

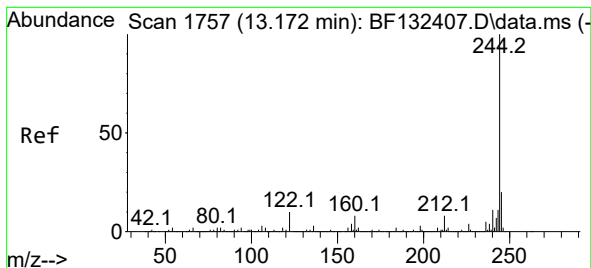
Ion Ratio Lower Upper

184 100

185 20.0 12.2 18.2#

183 5.9 9.3 13.9#





#79

Terphenyl-d14

Concen: 55.169 ng

RT: 13.171 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF132420.D

Acq: 13 Feb 2023 20:46

Instrument :

BNA_F

ClientSampleId :

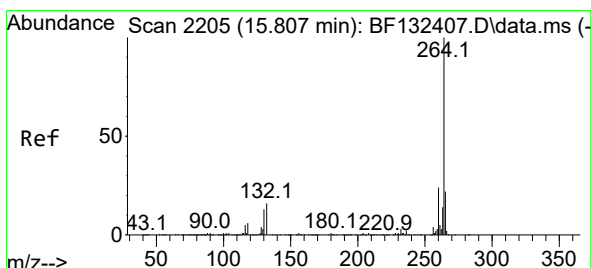
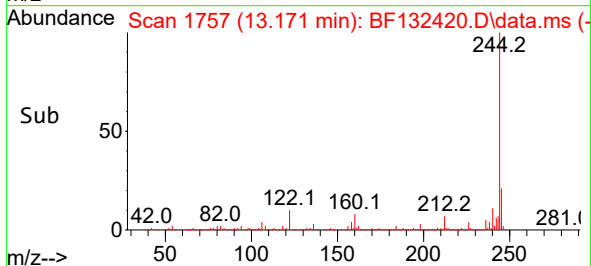
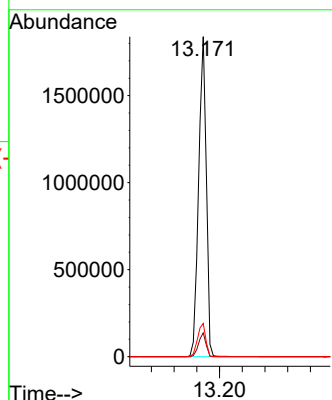
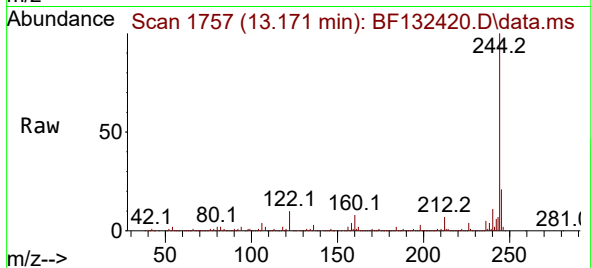
Tgt Ion:244 Resp: 1737646

Ion Ratio Lower Upper

244 100

212 7.4 6.3 9.5

122 10.4 8.2 12.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.801 min Scan# 2204

Delta R.T. -0.006 min

Lab File: BF132420.D

Acq: 13 Feb 2023 20:46

Tgt Ion:264 Resp: 574133

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 21.7 17.7 26.5

