

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021323\
 Data File : BF132412.D
 Acq On : 13 Feb 2023 16:15
 Operator : CG\JU
 Sample : PB150774BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 01:37:03 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)

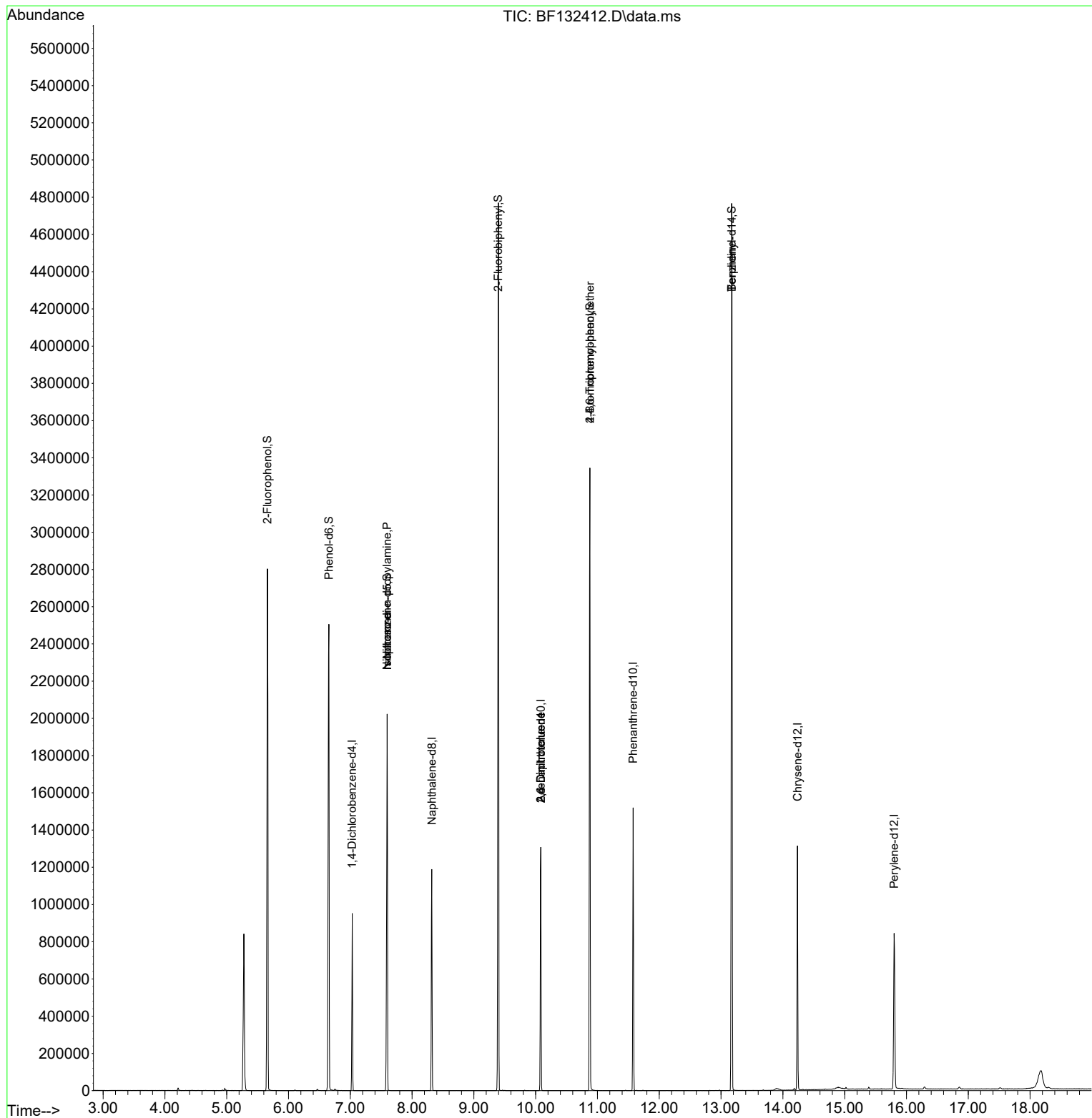
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.031	152	136483	20.000	ng	0.00
21) Naphthalene-d8	8.319	136	521458	20.000	ng	0.00
39) Acenaphthene-d10	10.083	164	271175	20.000	ng	0.00
64) Phenanthrene-d10	11.578	188	521440	20.000	ng	0.00
76) Chrysene-d12	14.236	240	401328	20.000	ng	0.00
86) Perylene-d12	15.801	264	407251	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.660	112	1004045	134.245	ng	0.01
7) Phenol-d6	6.654	99	1167298	125.229	ng	0.00
23) Nitrobenzene-d5	7.595	82	712667	81.530	ng	0.00
42) 2,4,6-Tribromophenol	10.878	330	451586	125.140	ng	0.00
45) 2-Fluorobiphenyl	9.395	172	1435369	76.628	ng	0.00
79) Terphenyl-d14	13.172	244	1859786	77.937	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.595	70	87615	16.472	ng	# 73
25) Isophorone	7.595	82	711467	46.200	ng	# 61
51) 2,6-Dinitrotoluene	10.083	165	35094	7.832	ng	# 31
57) 2,4-Dinitrotoluene	10.083	165	35094	5.962	ng	# 29
67) 4-Bromophenyl-phenylether	10.878	248	24742	4.065	ng	# 1
77) Benzidine	13.172	184	29950	5.245	ng	# 92

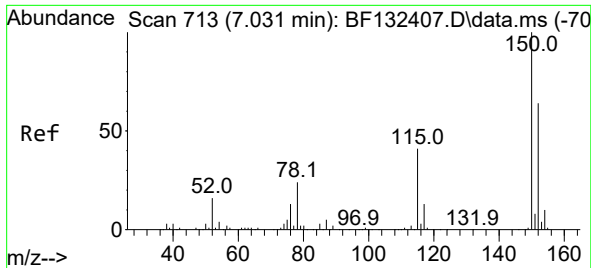
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021323\
Data File : BF132412.D
Acq On : 13 Feb 2023 16:15
Operator : CG\JU
Sample : PB150774BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

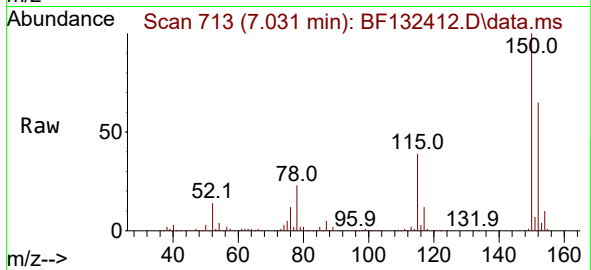
Quant Time: Feb 14 01:37:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 14 00:51:00 2023
Response via : Initial Calibration



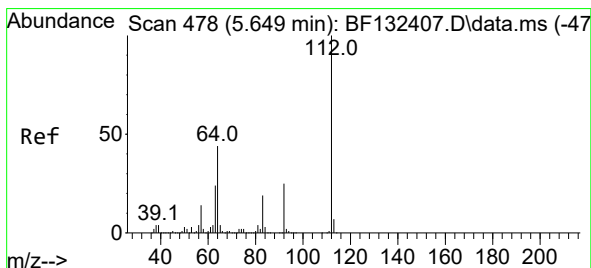
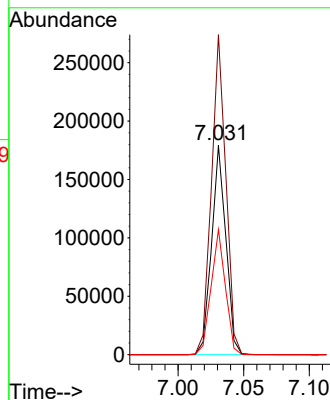
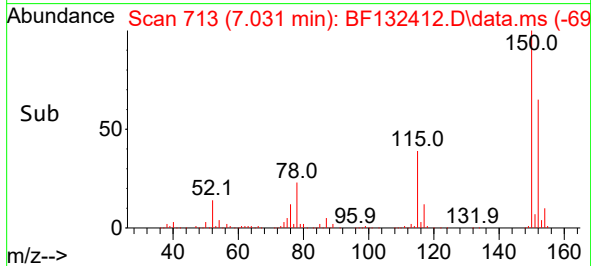


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.031 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF132412.D
Acq: 13 Feb 2023 16:15

Instrument :
BNA_F
ClientSampleId :

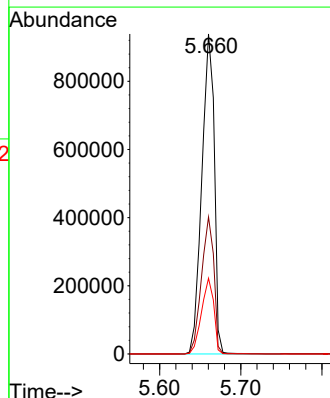
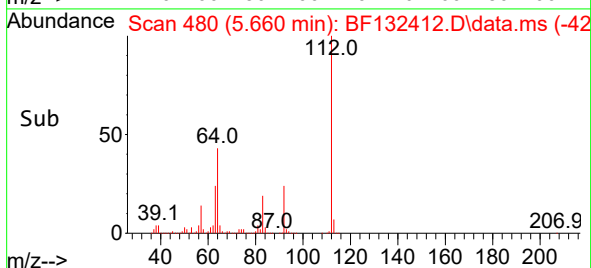
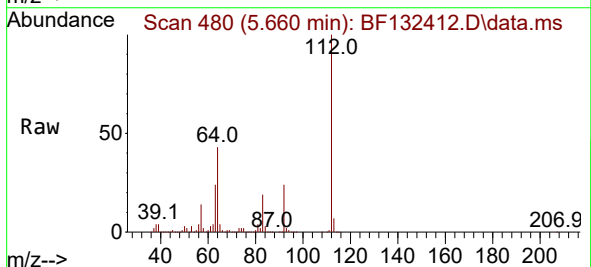


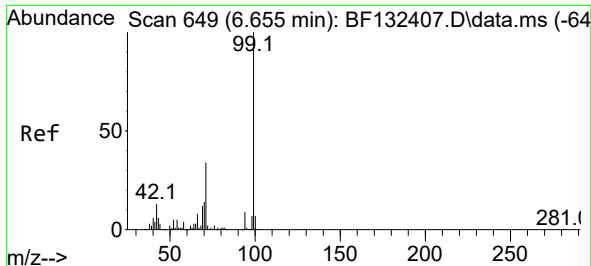
Tgt Ion:152 Resp: 136483
Ion Ratio Lower Upper
152 100
150 152.9 124.4 186.6
115 59.8 50.6 75.8



#5
2-Fluorophenol
Concen: 134.245 ng
RT: 5.660 min Scan# 480
Delta R.T. 0.011 min
Lab File: BF132412.D
Acq: 13 Feb 2023 16:15

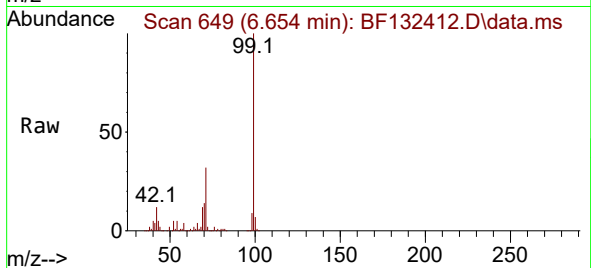
Tgt Ion:112 Resp: 1004045
Ion Ratio Lower Upper
112 100
64 42.8 34.8 52.2
63 23.7 19.3 28.9





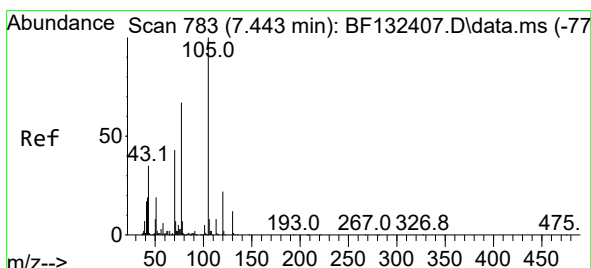
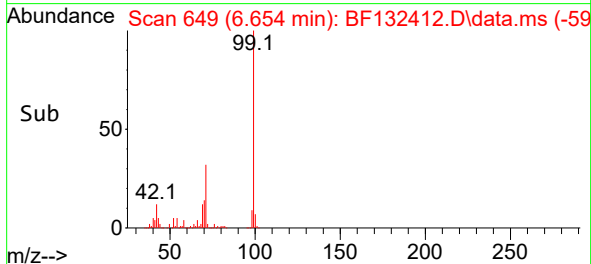
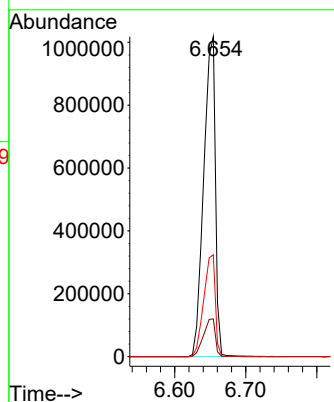
#7
Phenol-d6
Concen: 125.229 ng
RT: 6.654 min Scan# 649
Delta R.T. -0.001 min
Lab File: BF132412.D
Acq: 13 Feb 2023 16:15

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 1167298

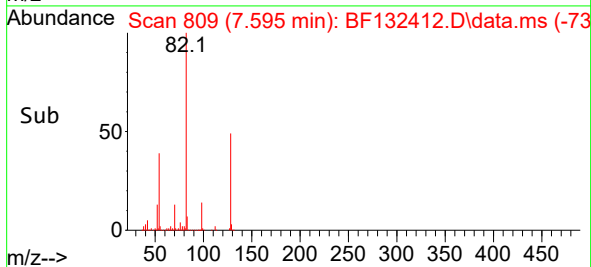
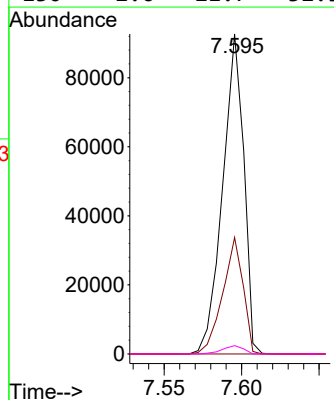
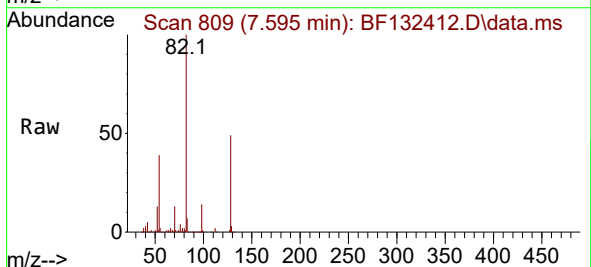
Ion	Ratio	Lower	Upper
99	100		
42	11.8	10.1	15.1
71	31.9	26.8	40.2

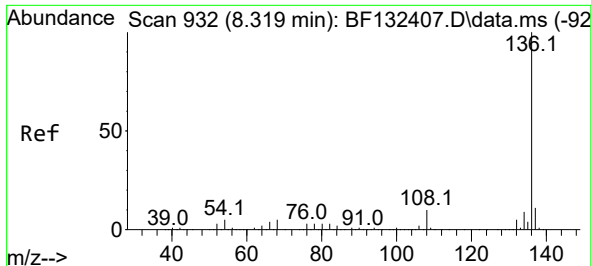


#19
n-Nitroso-di-n-propylamine
Concen: 16.472 ng
RT: 7.595 min Scan# 809
Delta R.T. 0.153 min
Lab File: BF132412.D
Acq: 13 Feb 2023 16:15

Tgt Ion: 70 Resp: 87615

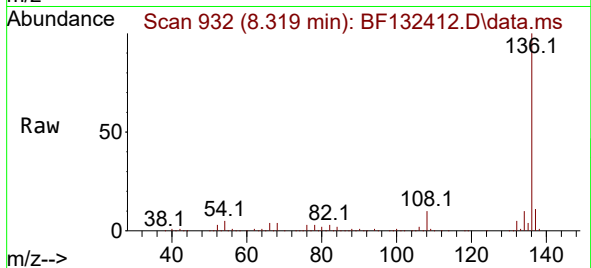
Ion	Ratio	Lower	Upper
70	100		
42	36.4	36.0	54.0
101	0.0	9.4	14.2#
130	2.6	21.7	32.5#



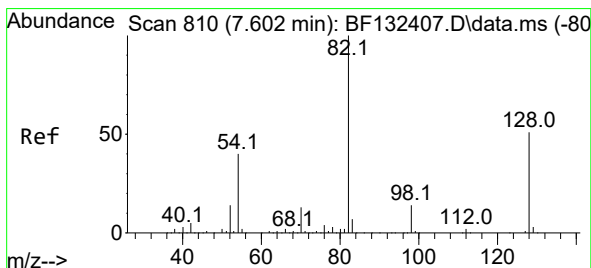
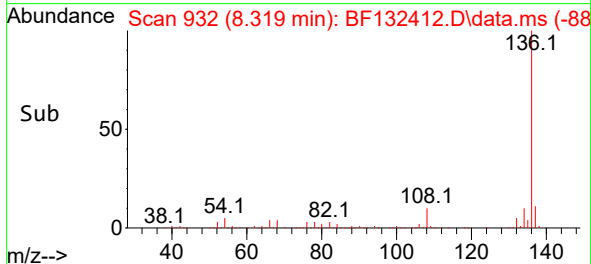
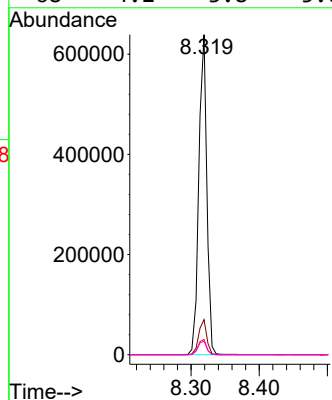


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.319 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF132412.D
Acq: 13 Feb 2023 16:15

Instrument :
BNA_F
ClientSampleId :

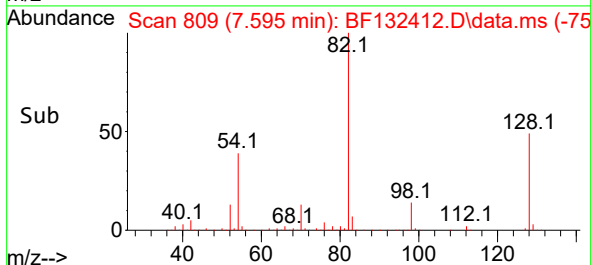
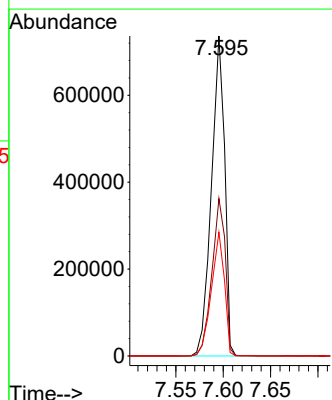
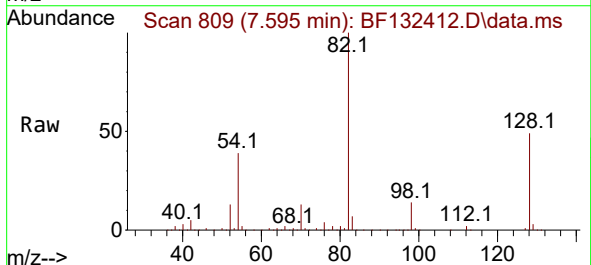


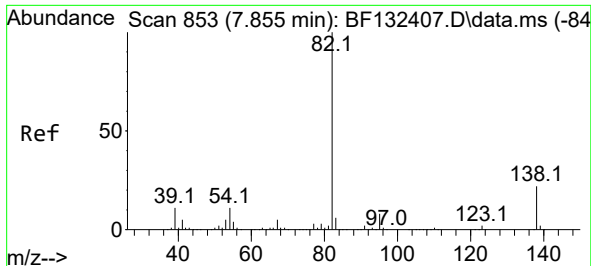
Tgt Ion:136 Resp: 521458
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 4.8 4.2 6.2
68 4.2 3.8 5.6



#23
Nitrobenzene-d5
Concen: 81.530 ng
RT: 7.595 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF132412.D
Acq: 13 Feb 2023 16:15

Tgt Ion: 82 Resp: 712667
Ion Ratio Lower Upper
82 100
128 49.2 40.7 61.1
54 38.6 32.3 48.5

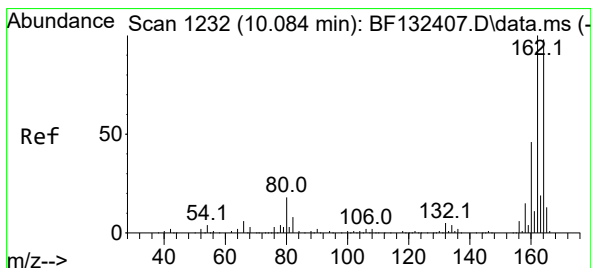
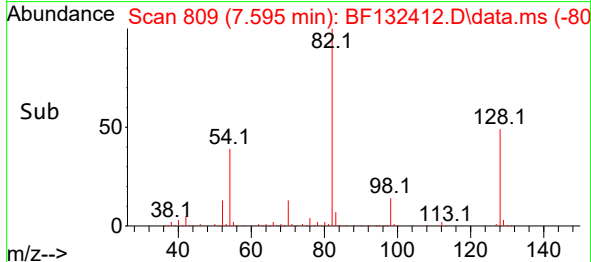
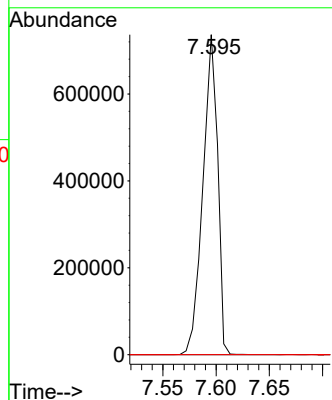
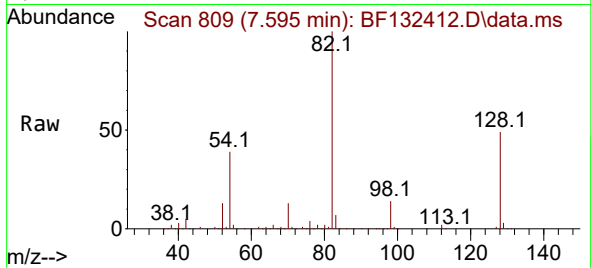




#25
Isophorone
Concen: 46.200 ng
RT: 7.595 min Scan# 80
Delta R.T. -0.259 min
Lab File: BF132412.D
Acq: 13 Feb 2023 16:15

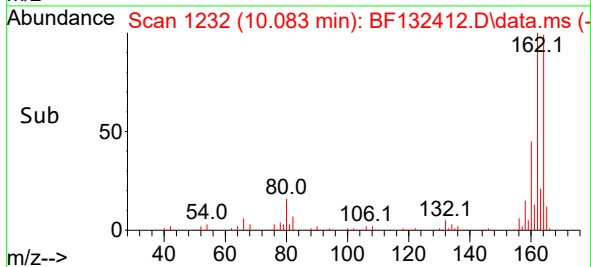
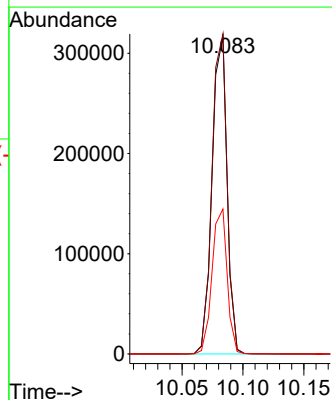
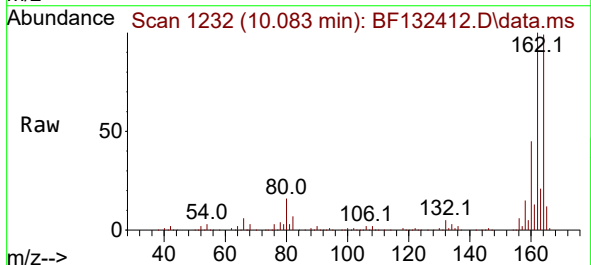
Instrument :
BNA_F
ClientSampleId :

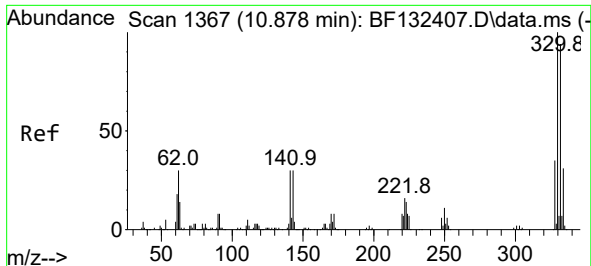
Tgt Ion: 82 Resp: 711467
Ion Ratio Lower Upper
82 100
95 0.0 6.6 9.8#
138 0.0 17.2 25.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.083 min Scan# 1232
Delta R.T. -0.001 min
Lab File: BF132412.D
Acq: 13 Feb 2023 16:15

Tgt Ion:164 Resp: 271175
Ion Ratio Lower Upper
164 100
162 100.7 81.8 122.6
160 45.6 37.4 56.0





#42

2,4,6-Tribromophenol

Concen: 125.140 ng

RT: 10.878 min Scan# 1115

Delta R.T. -0.000 min

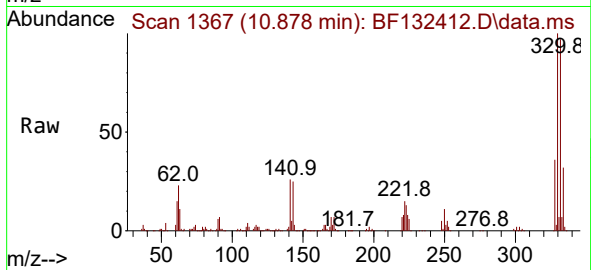
Lab File: BF132412.D

Acq: 13 Feb 2023 16:15

Instrument :

BNA_F

ClientSampleId :



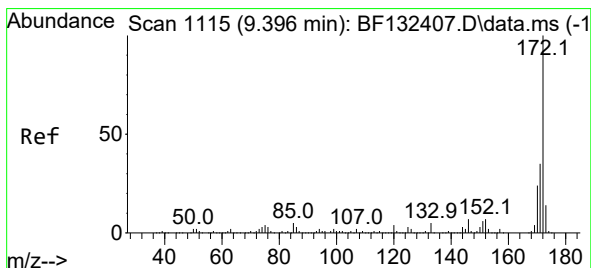
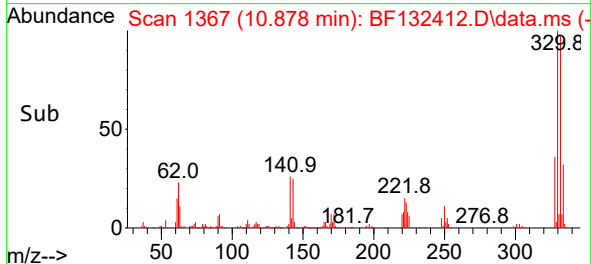
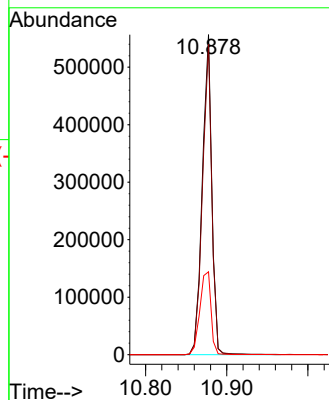
Tgt Ion:330 Resp: 451586

Ion Ratio Lower Upper

330 100

332 96.0 76.7 115.1

141 30.5 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 76.628 ng

RT: 9.395 min Scan# 1115

Delta R.T. -0.000 min

Lab File: BF132412.D

Acq: 13 Feb 2023 16:15

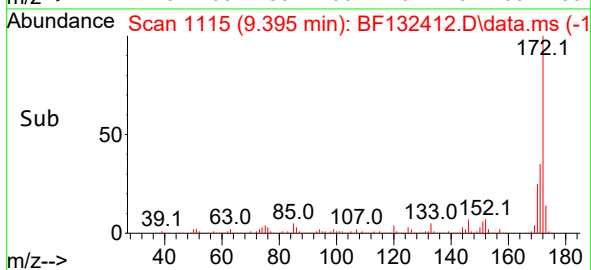
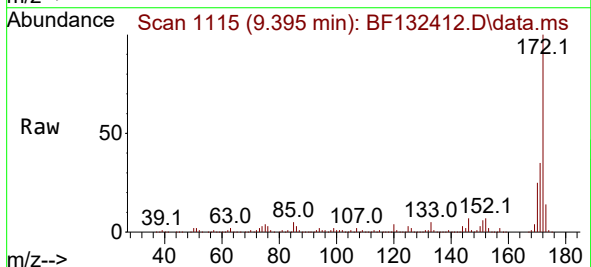
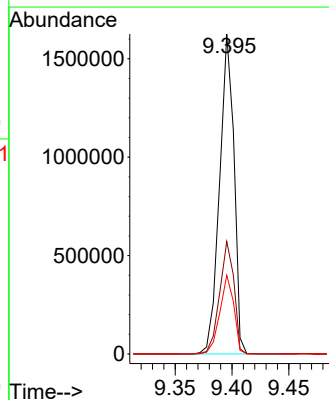
Tgt Ion:172 Resp: 1435369

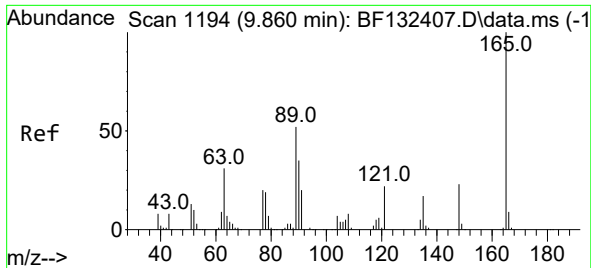
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 24.6 19.3 28.9

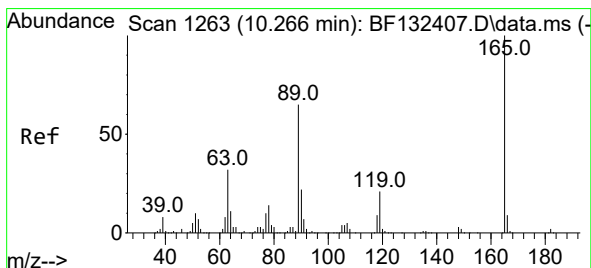
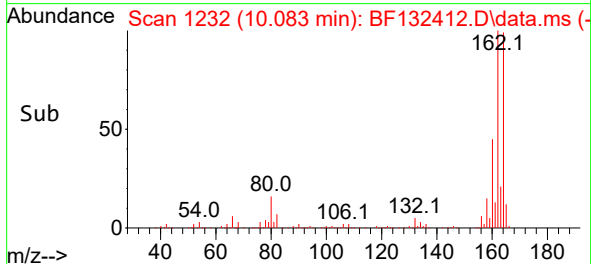
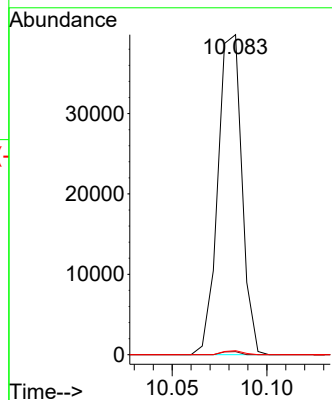
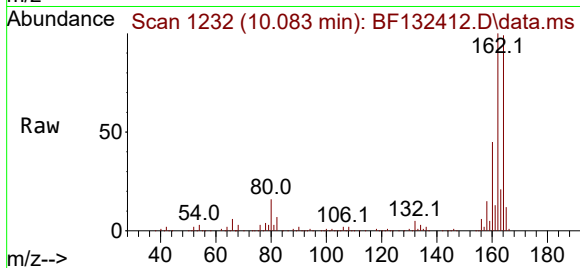




#51
2,6-Dinitrotoluene
Concen: 7.832 ng
RT: 10.083 min Scan# 1194
Delta R.T. 0.223 min
Lab File: BF132412.D
Acq: 13 Feb 2023 16:15

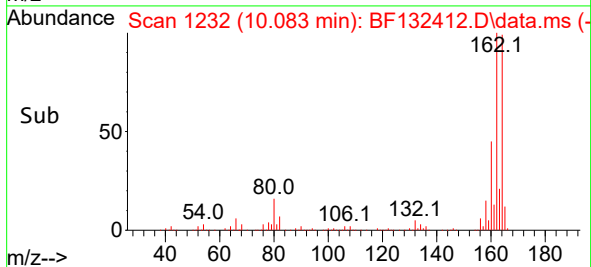
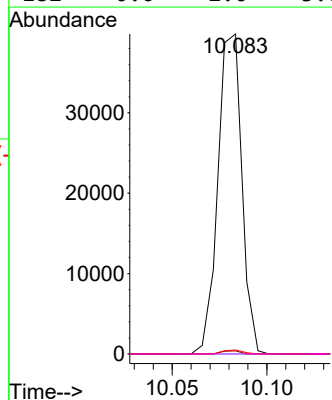
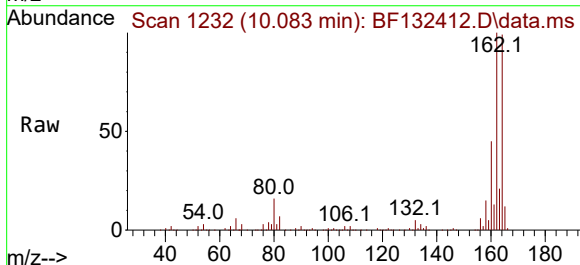
Instrument :
BNA_F
ClientSampleId :

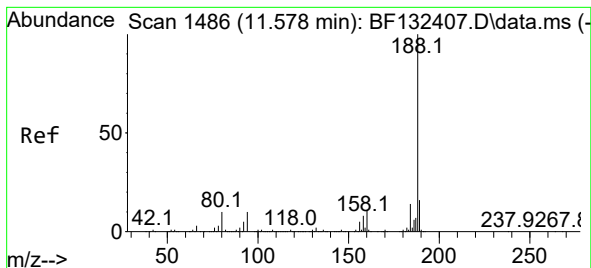
Tgt Ion:165 Resp: 35094
Ion Ratio Lower Upper
165 100
63 0.9 34.0 51.0#
89 1.3 41.8 62.6#



#57
2,4-Dinitrotoluene
Concen: 5.962 ng
RT: 10.083 min Scan# 1232
Delta R.T. -0.183 min
Lab File: BF132412.D
Acq: 13 Feb 2023 16:15

Tgt Ion:165 Resp: 35094
Ion Ratio Lower Upper
165 100
63 0.9 25.4 38.2#
89 1.3 52.2 78.2#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.578 min Scan# 14

Delta R.T. -0.000 min

Lab File: BF132412.D

Acq: 13 Feb 2023 16:15

Instrument :

BNA_F

ClientSampleId :

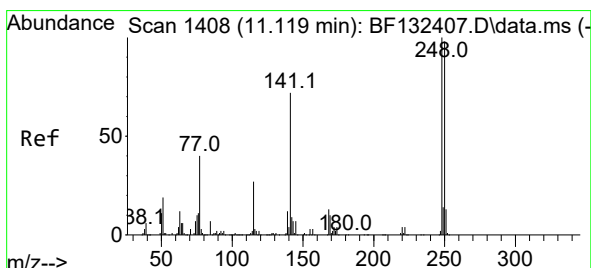
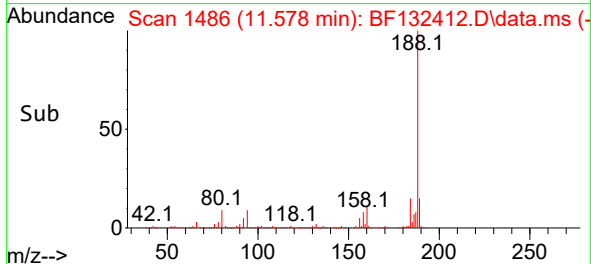
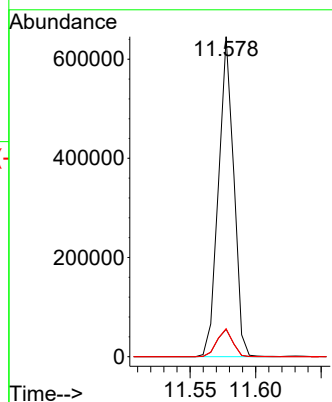
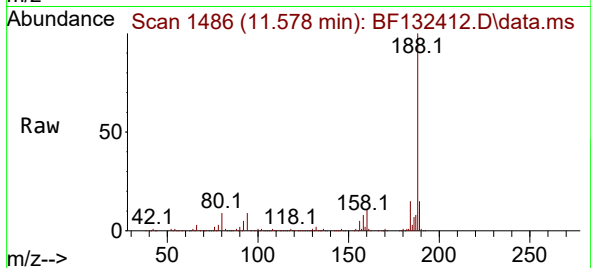
Tgt Ion:188 Resp: 521440

Ion Ratio Lower Upper

188 100

94 8.5 7.8 11.6

80 8.8 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.065 ng

RT: 10.878 min Scan# 1367

Delta R.T. -0.241 min

Lab File: BF132412.D

Acq: 13 Feb 2023 16:15

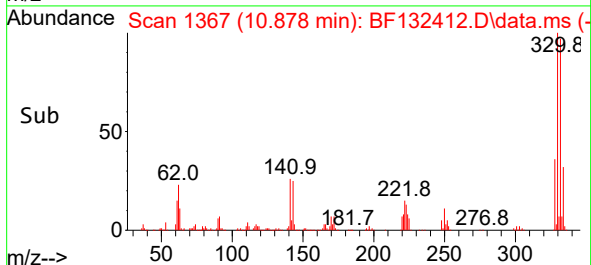
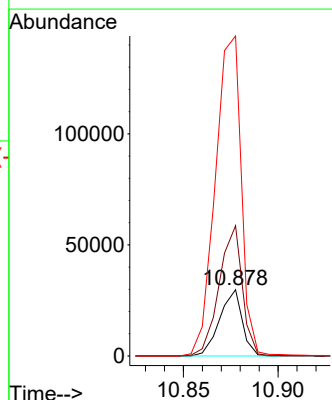
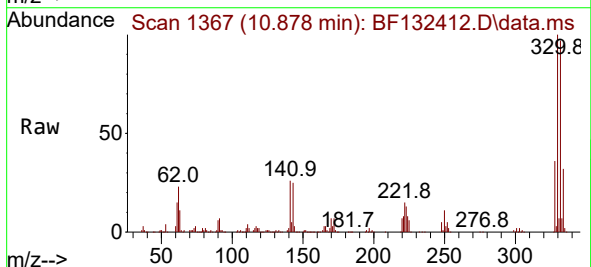
Tgt Ion:248 Resp: 24742

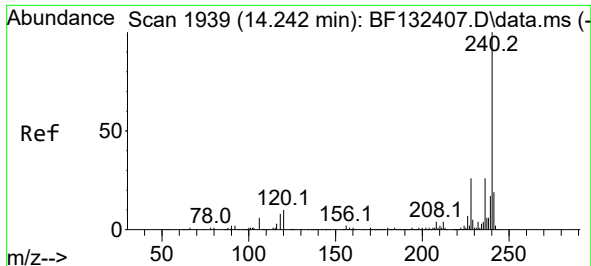
Ion Ratio Lower Upper

248 100

250 196.3 78.1 117.1#

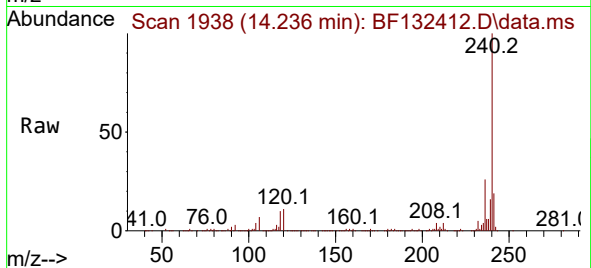
141 482.5 57.9 86.9#



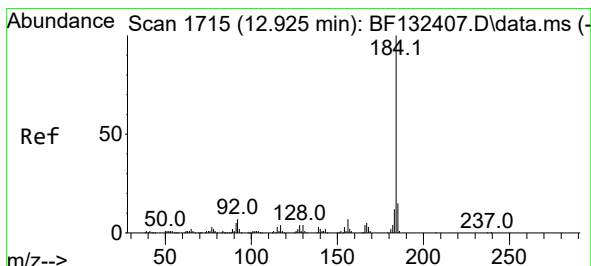
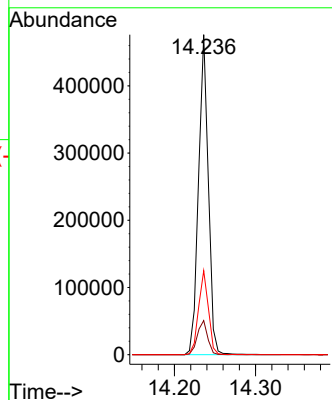
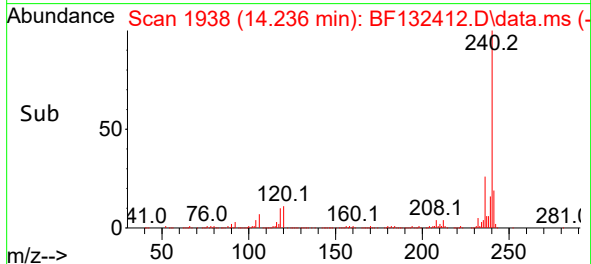


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.236 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BF132412.D
Acq: 13 Feb 2023 16:15

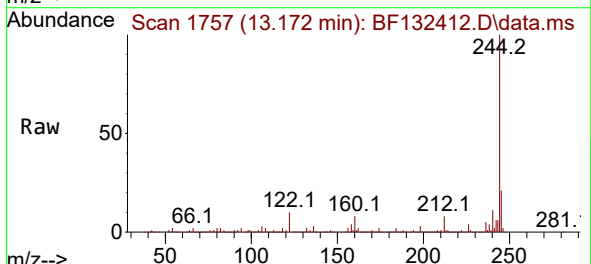
Instrument :
BNA_F
ClientSampleId :



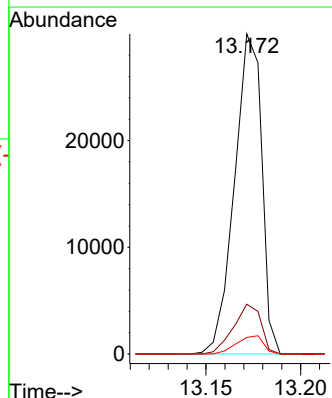
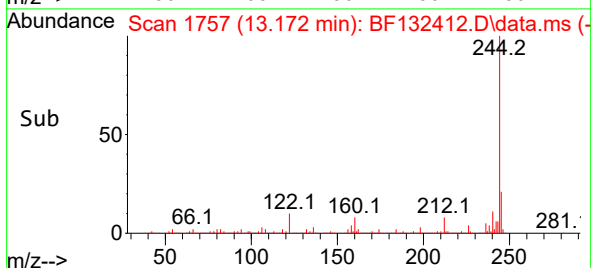
Tgt Ion:240 Resp: 401328
Ion Ratio Lower Upper
240 100
120 10.7 7.7 11.5
236 26.3 21.1 31.7

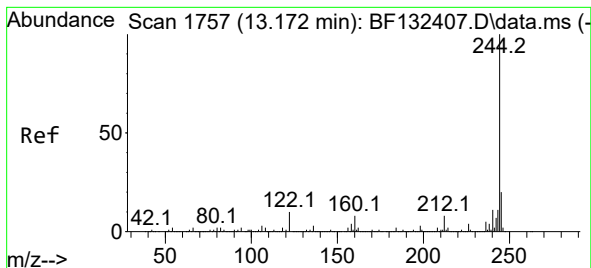


#77
Benzidine
Concen: 5.245 ng
RT: 13.172 min Scan# 1757
Delta R.T. 0.247 min
Lab File: BF132412.D
Acq: 13 Feb 2023 16:15



Tgt Ion:184 Resp: 29950
Ion Ratio Lower Upper
184 100
185 15.5 12.2 18.2
183 5.1 9.3 13.9#





#79

Terphenyl-d14

Concen: 77.937 ng

RT: 13.172 min Scan# 1

Delta R.T. -0.000 min

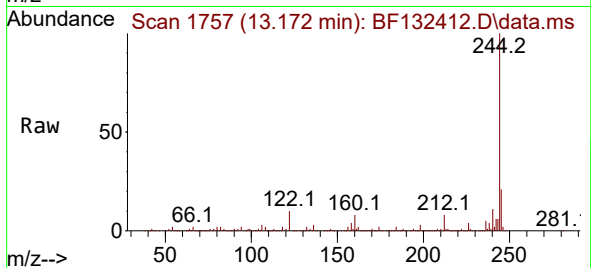
Lab File: BF132412.D

Acq: 13 Feb 2023 16:15

Instrument :

BNA_F

ClientSampleId :



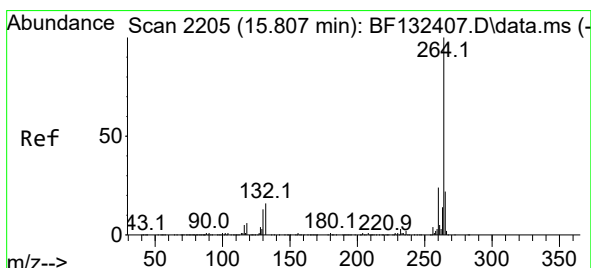
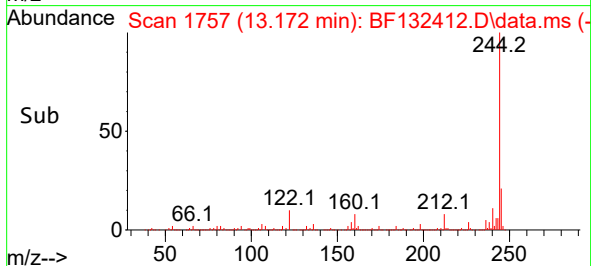
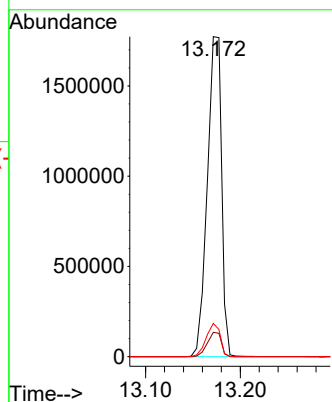
Tgt Ion:244 Resp: 1859786

Ion Ratio Lower Upper

244 100

212 7.6 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: BF132412.D

Acq: 13 Feb 2023 16:15

Tgt Ion:264 Resp: 407251

Ion Ratio Lower Upper

264 100

260 24.2 19.1 28.7

265 21.8 17.7 26.5

