

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021323\
 Data File : BF132419.D
 Acq On : 13 Feb 2023 20:13
 Operator : CG\JU
 Sample : 01328-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 01:40:25 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)

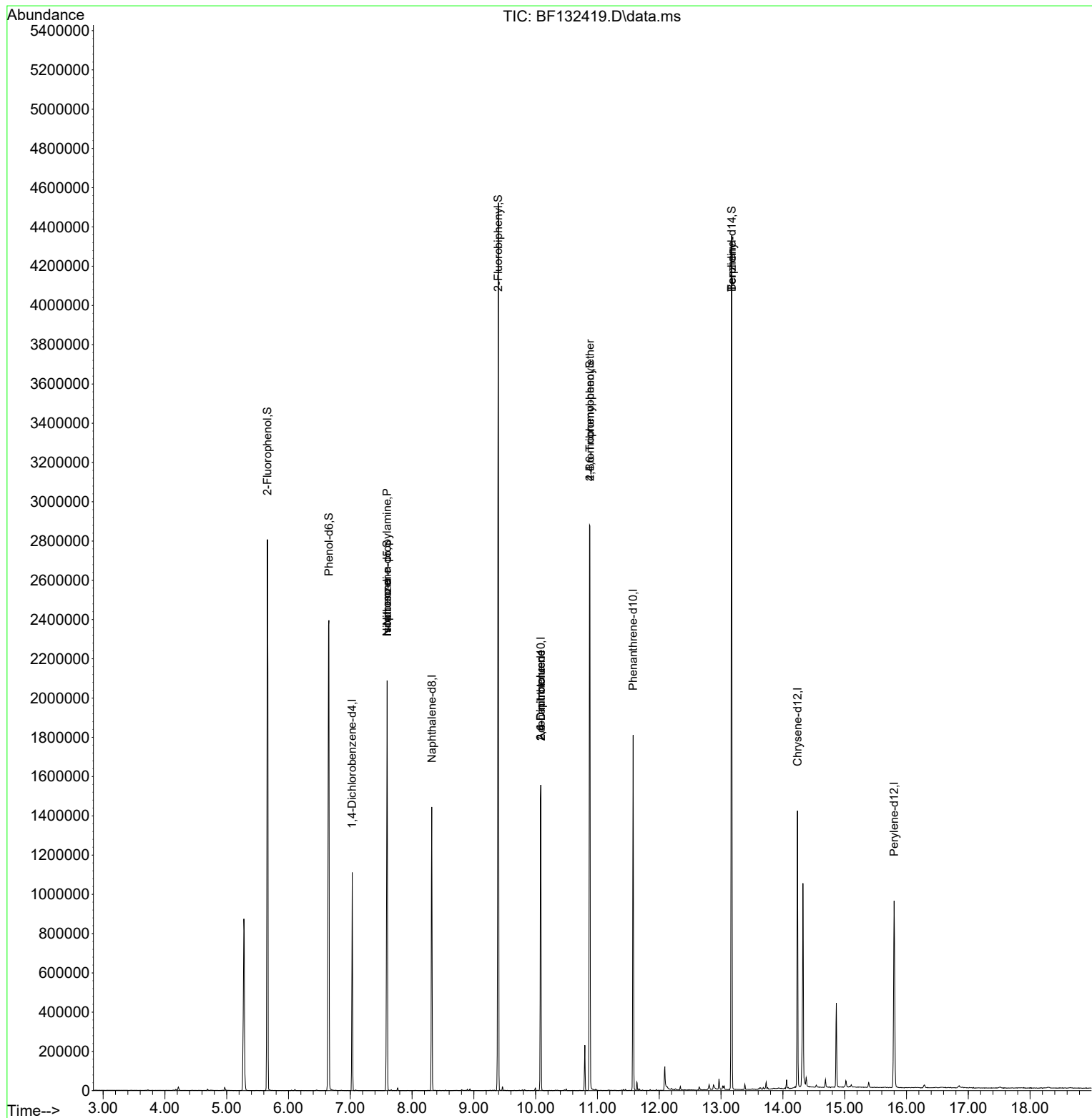
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.031	152	163469	20.000	ng	0.00
21) Naphthalene-d8	8.319	136	633766	20.000	ng	0.00
39) Acenaphthene-d10	10.083	164	330009	20.000	ng	0.00
64) Phenanthrene-d10	11.577	188	614399	20.000	ng	0.00
76) Chrysene-d12	14.236	240	446228	20.000	ng	0.00
86) Perylene-d12	15.801	264	446701	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.660	112	997212	111.321	ng	0.01
7) Phenol-d6	6.654	99	1168926	104.702	ng	0.00
23) Nitrobenzene-d5	7.595	82	705763	66.433	ng	0.00
42) 2,4,6-Tribromophenol	10.878	330	433069	98.614	ng	0.00
45) 2-Fluorobiphenyl	9.395	172	1311127	57.517	ng	0.00
79) Terphenyl-d14	13.171	244	1439186	54.243	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.595	70	88124	13.833	ng	# 72
25) Isophorone	7.595	82	703938	37.611	ng	# 61
51) 2,6-Dinitrotoluene	10.083	165	44289	8.122	ng	# 31
57) 2,4-Dinitrotoluene	10.083	165	44289	6.182	ng	# 29
67) 4-Bromophenyl-phenylether	10.878	248	23599	3.291	ng	# 1
77) Benzidine	13.171	184	23246	3.662	ng	# 86

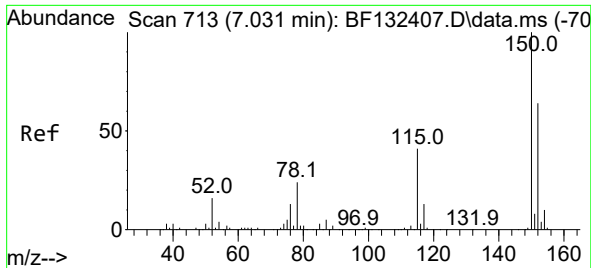
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021323\
Data File : BF132419.D
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Operator : CG\JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

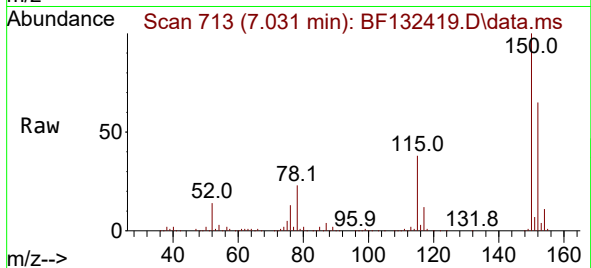
Quant Time: Feb 14 01:40:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 14 00:51:00 2023
Response via : Initial Calibration



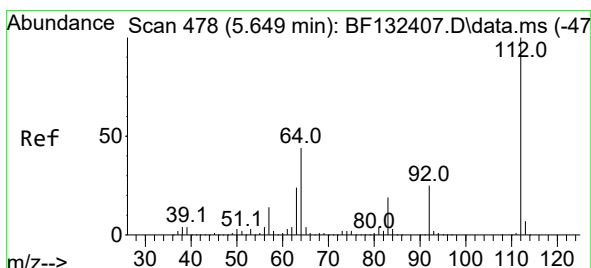
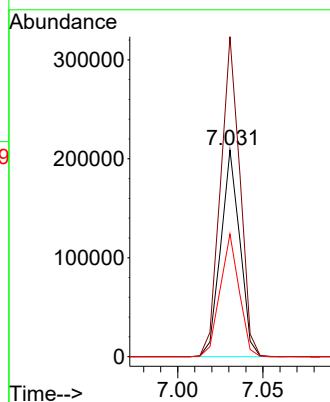
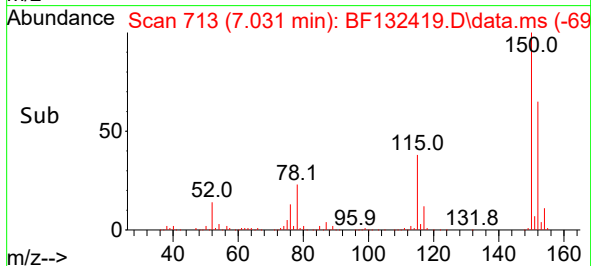


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.031 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF132419.D
Acq: 13 Feb 2023 20:13

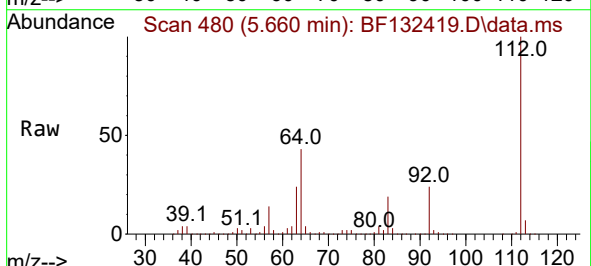
Instrument :
BNA_F
ClientSampleId :



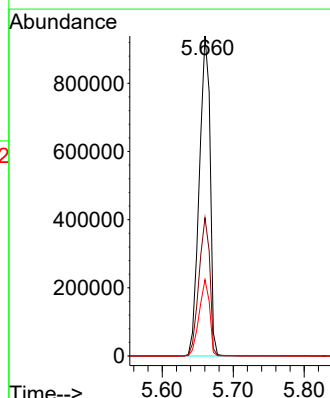
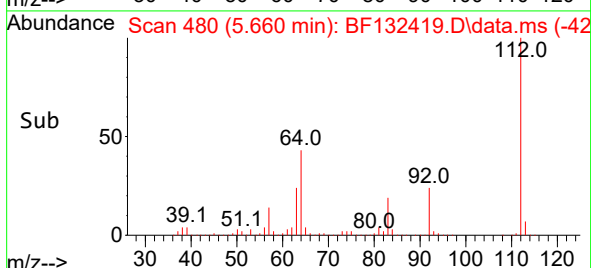
Tgt Ion:152 Resp: 163469
Ion Ratio Lower Upper
152 100
150 154.8 124.4 186.6
115 59.4 50.6 75.8

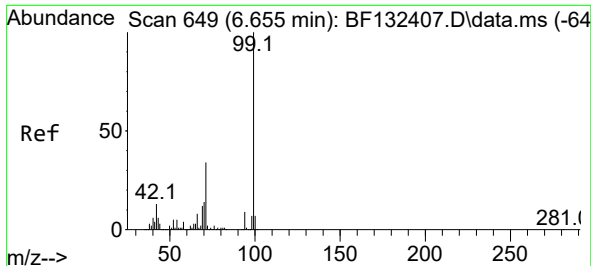


#5
2-Fluorophenol
Concen: 111.321 ng
RT: 5.660 min Scan# 480
Delta R.T. 0.011 min
Lab File: BF132419.D
Acq: 13 Feb 2023 20:13



Tgt Ion:112 Resp: 997212
Ion Ratio Lower Upper
112 100
64 43.2 34.8 52.2
63 23.8 19.3 28.9

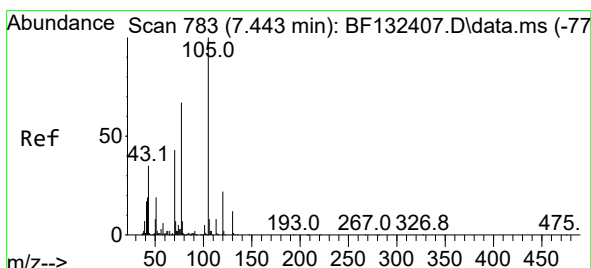
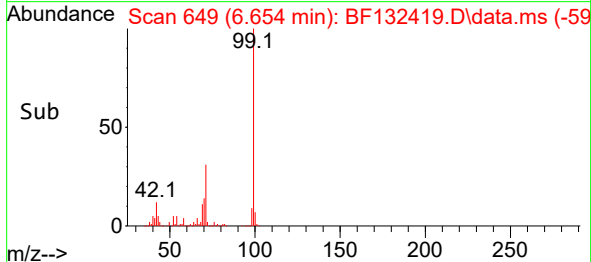
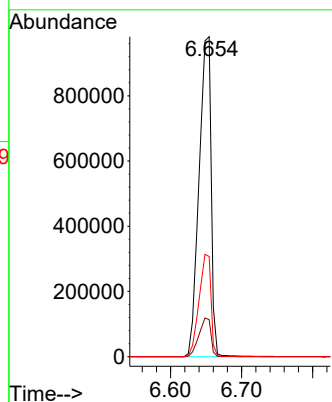
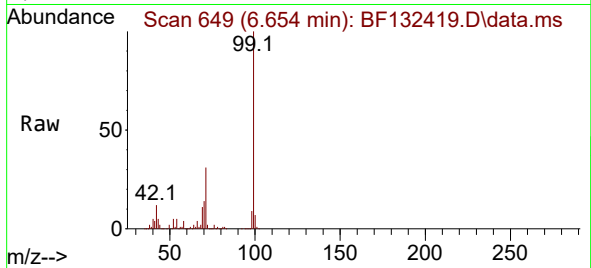




#7
Phenol-d6
Concen: 104.702 ng
RT: 6.654 min Scan# 64
Delta R.T. -0.001 min
Lab File: BF132419.D
Acq: 13 Feb 2023 20:13

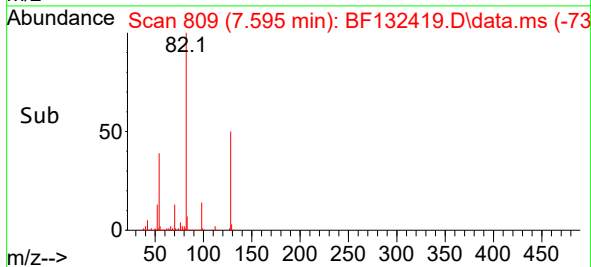
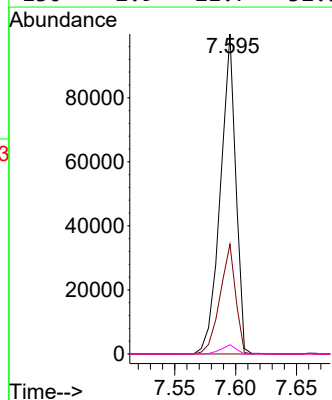
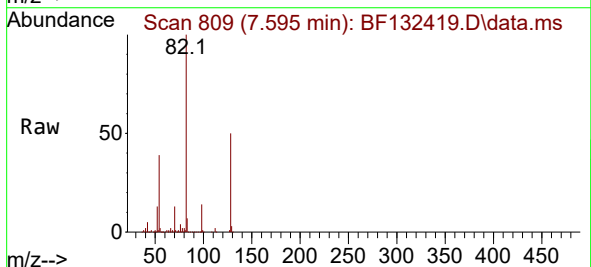
Instrument :
BNA_F
ClientSampleId :

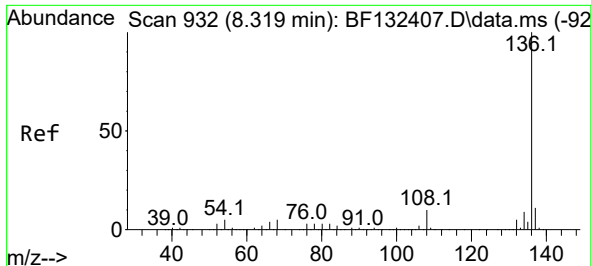
Tgt Ion: 99 Resp: 1168926
Ion Ratio Lower Upper
99 100
42 11.6 10.1 15.1
71 31.3 26.8 40.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.833 ng
RT: 7.595 min Scan# 809
Delta R.T. 0.153 min
Lab File: BF132419.D
Acq: 13 Feb 2023 20:13

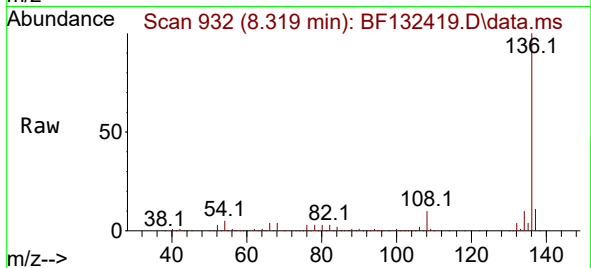
Tgt Ion: 70 Resp: 88124
Ion Ratio Lower Upper
70 100
42 34.3 36.0 54.0#
101 0.0 9.4 14.2#
130 2.9 21.7 32.5#



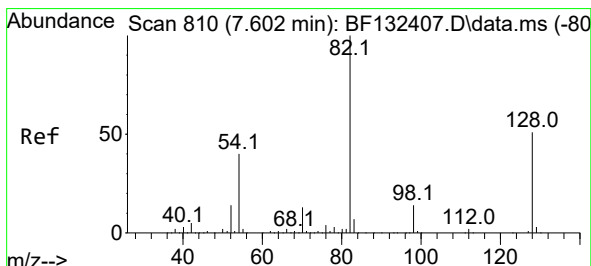
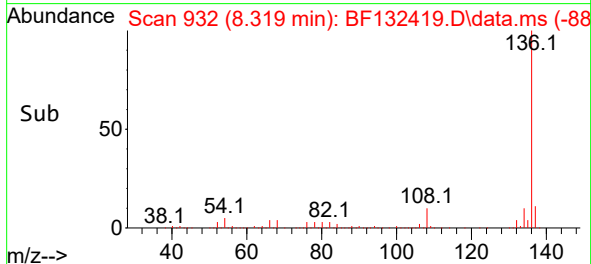
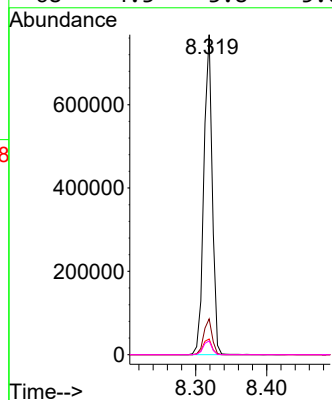


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.319 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF132419.D
Acq: 13 Feb 2023 20:13

Instrument :
BNA_F
ClientSampleId :

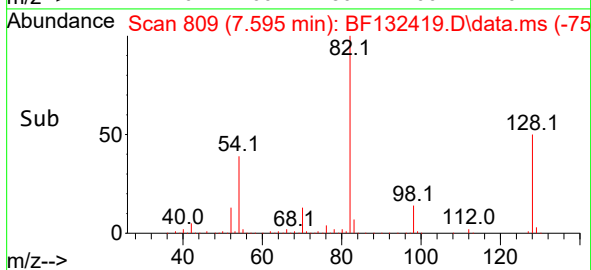
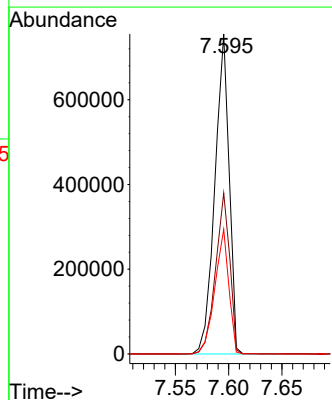
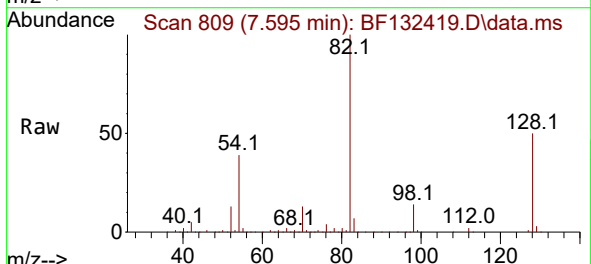


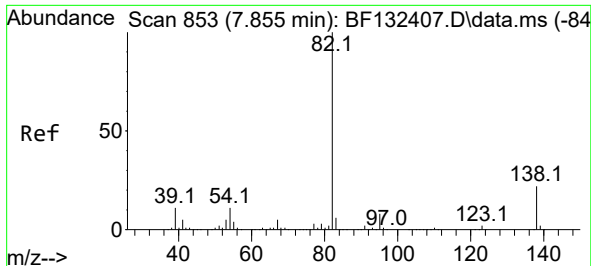
Tgt Ion:136 Resp: 633766
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 4.9 4.2 6.2
68 4.3 3.8 5.6



#23
Nitrobenzene-d5
Concen: 66.433 ng
RT: 7.595 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF132419.D
Acq: 13 Feb 2023 20:13

Tgt Ion: 82 Resp: 705763
Ion Ratio Lower Upper
82 100
128 50.3 40.7 61.1
54 39.0 32.3 48.5

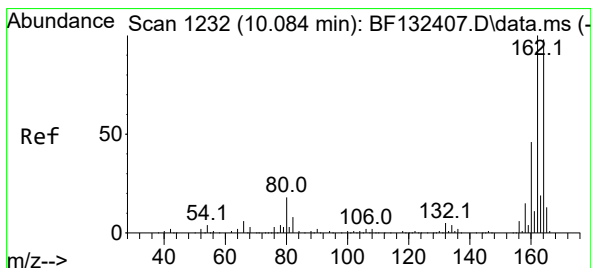
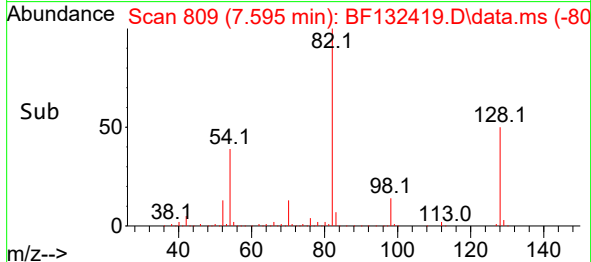
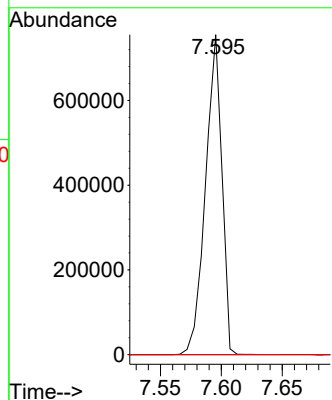
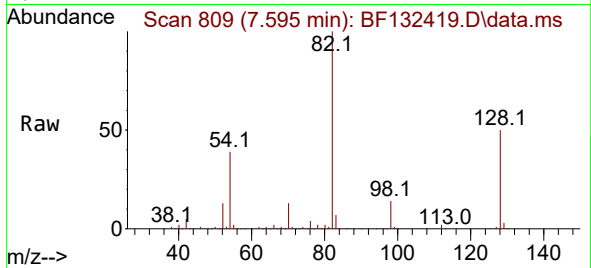




#25
Isophorone
Concen: 37.611 ng
RT: 7.595 min Scan# 80
Delta R.T. -0.259 min
Lab File: BF132419.D
Acq: 13 Feb 2023 20:13

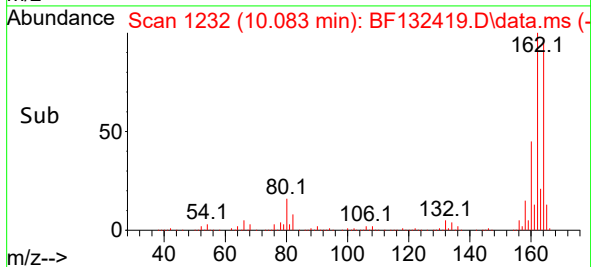
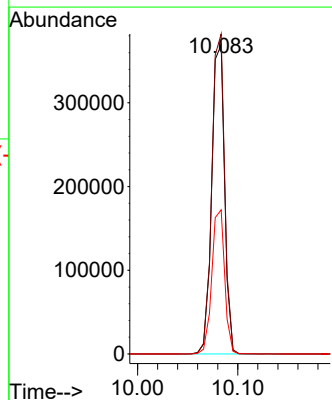
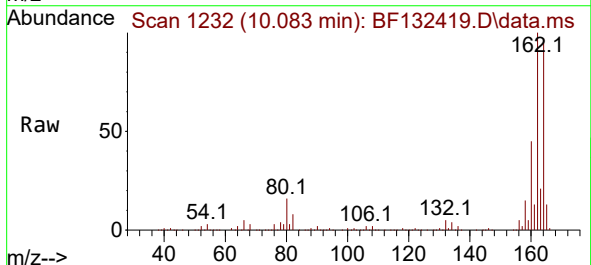
Instrument :
BNA_F
ClientSampleId :

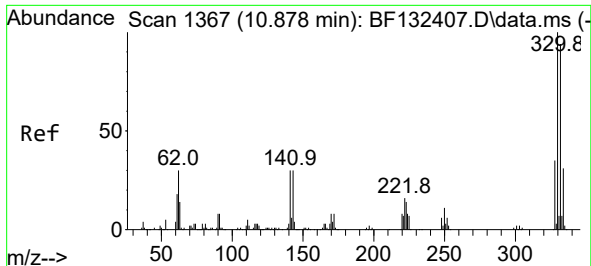
Tgt Ion: 82 Resp: 703938
Ion Ratio Lower Upper
82 100
95 0.0 6.6 9.8#
138 0.0 17.2 25.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.083 min Scan# 1232
Delta R.T. -0.001 min
Lab File: BF132419.D
Acq: 13 Feb 2023 20:13

Tgt Ion:164 Resp: 330009
Ion Ratio Lower Upper
164 100
162 103.5 81.8 122.6
160 46.6 37.4 56.0





#42

2,4,6-Tribromophenol

Concen: 98.614 ng

RT: 10.878 min Scan# 1115

Delta R.T. -0.000 min

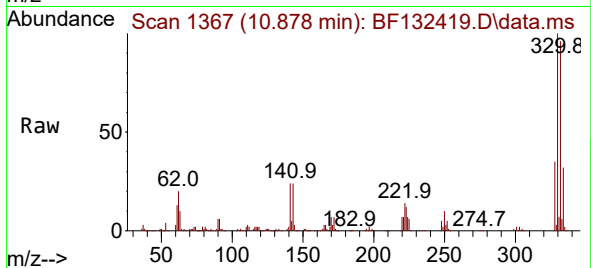
Lab File: BF132419.D

Acq: 13 Feb 2023 20:13

Instrument :

BNA_F

ClientSampleId :



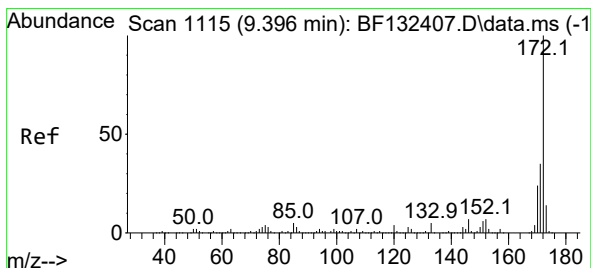
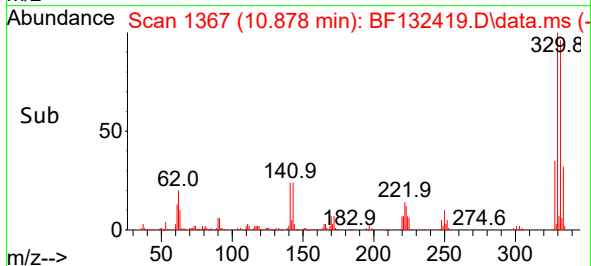
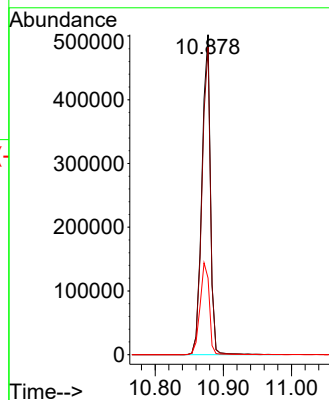
Tgt Ion:330 Resp: 433069

Ion Ratio Lower Upper

330 100

332 95.8 76.7 115.1

141 31.2 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 57.517 ng

RT: 9.395 min Scan# 1115

Delta R.T. -0.000 min

Lab File: BF132419.D

Acq: 13 Feb 2023 20:13

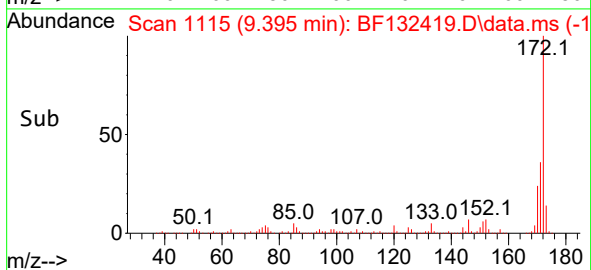
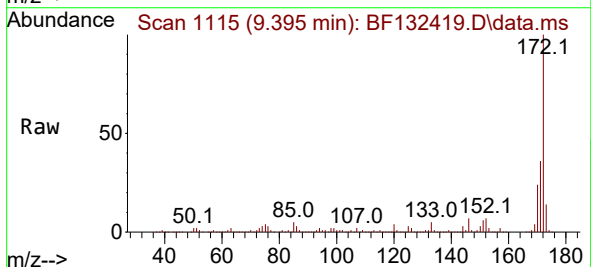
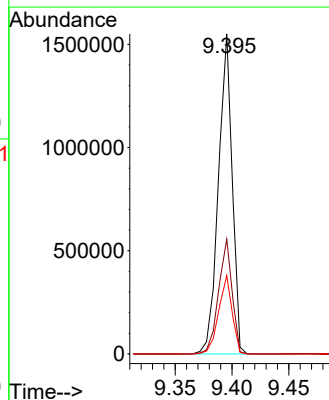
Tgt Ion:172 Resp: 1311127

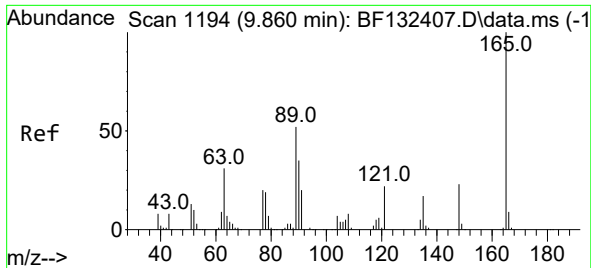
Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 24.5 19.3 28.9

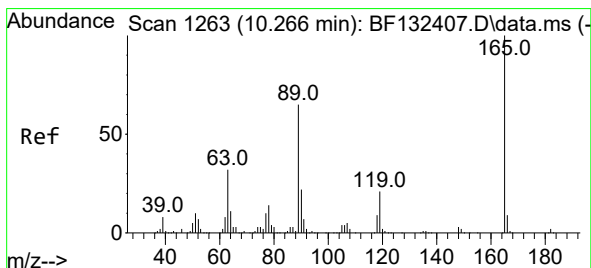
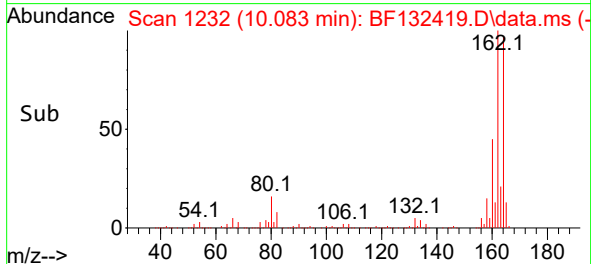
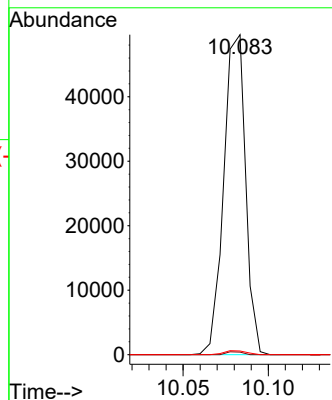
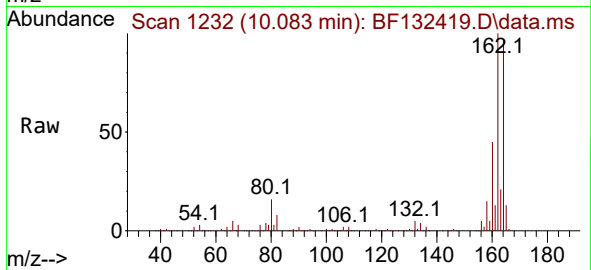




#51
2,6-Dinitrotoluene
Concen: 8.122 ng
RT: 10.083 min Scan# 1194
Delta R.T. 0.223 min
Lab File: BF132419.D
Acq: 13 Feb 2023 20:13

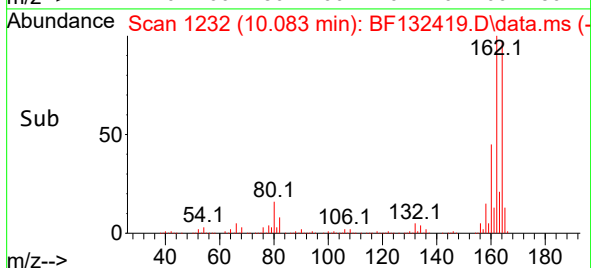
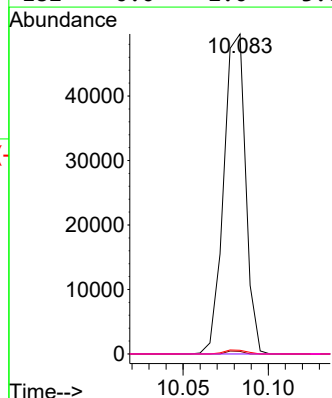
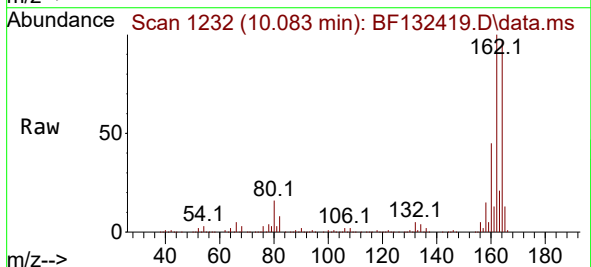
Instrument :
BNA_F
ClientSampleId :

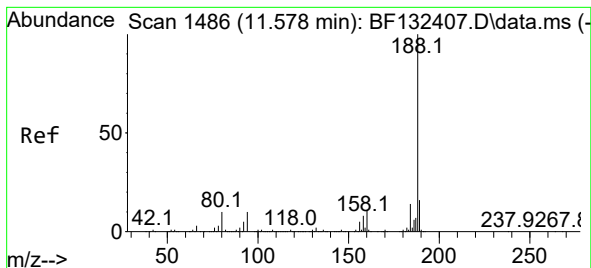
Tgt Ion:165 Resp: 44289
Ion Ratio Lower Upper
165 100
63 0.8 34.0 51.0#
89 1.1 41.8 62.6#



#57
2,4-Dinitrotoluene
Concen: 6.182 ng
RT: 10.083 min Scan# 1232
Delta R.T. -0.183 min
Lab File: BF132419.D
Acq: 13 Feb 2023 20:13

Tgt Ion:165 Resp: 44289
Ion Ratio Lower Upper
165 100
63 0.8 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: BF132419.D

Acq: 13 Feb 2023 20:13

Instrument :

BNA_F

ClientSampleId :

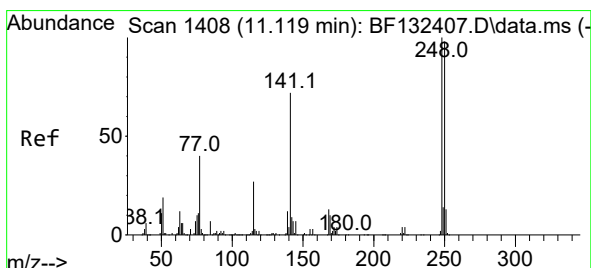
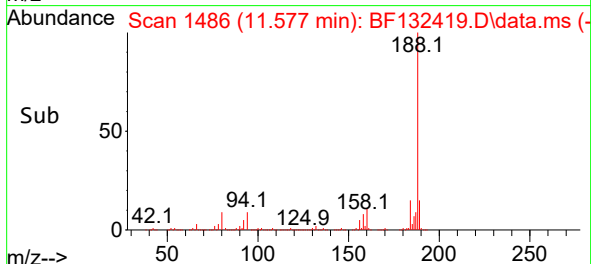
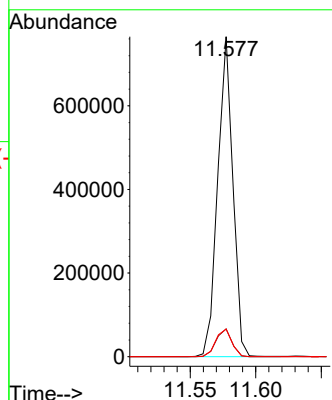
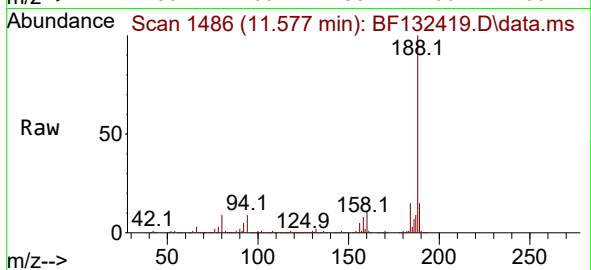
Tgt Ion:188 Resp: 614399

Ion Ratio Lower Upper

188 100

94 8.7 7.8 11.6

80 8.6 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 3.291 ng

RT: 10.878 min Scan# 1367

Delta R.T. -0.242 min

Lab File: BF132419.D

Acq: 13 Feb 2023 20:13

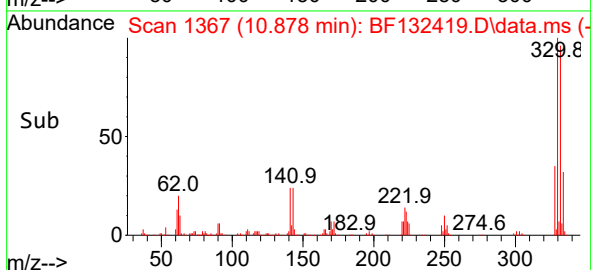
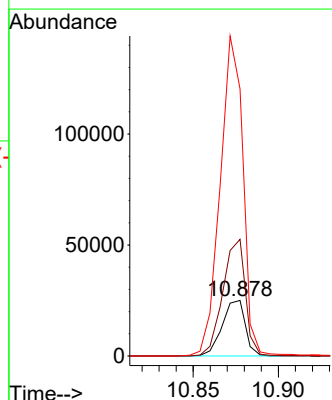
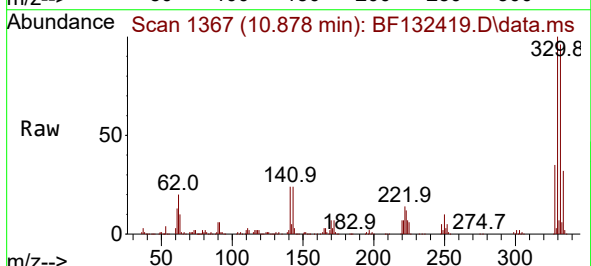
Tgt Ion:248 Resp: 23599

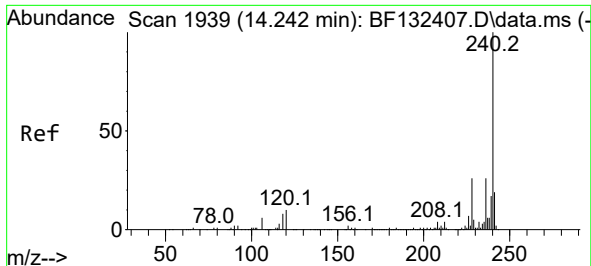
Ion Ratio Lower Upper

248 100

250 210.0 78.1 117.1#

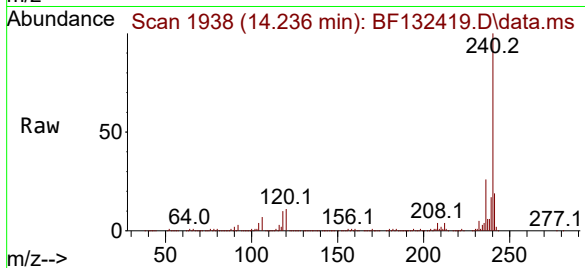
141 481.1 57.9 86.9#



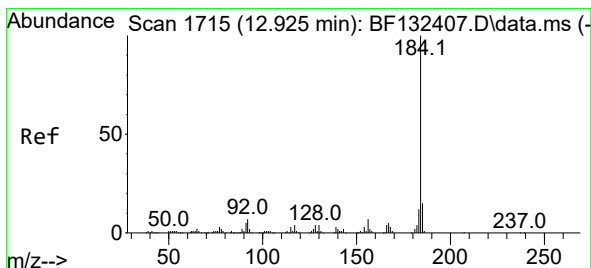
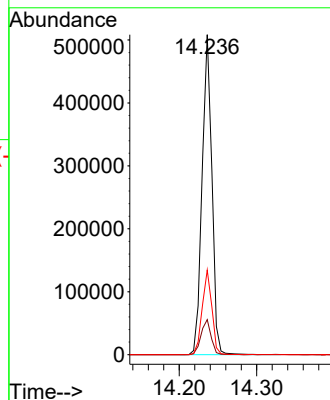
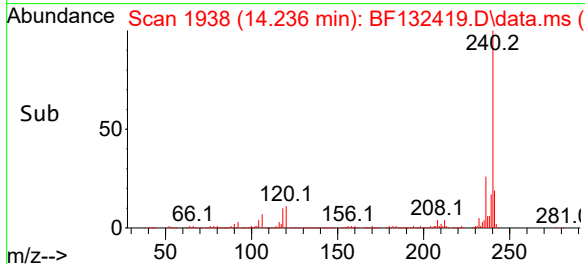


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.236 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BF132419.D
Acq: 13 Feb 2023 20:13

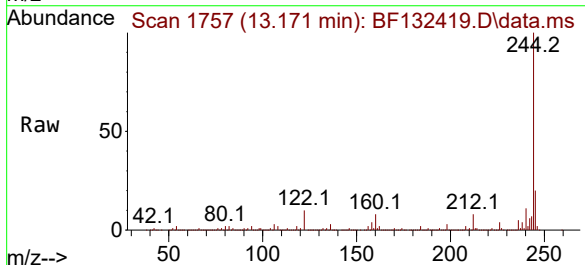
Instrument :
BNA_F
ClientSampleId :



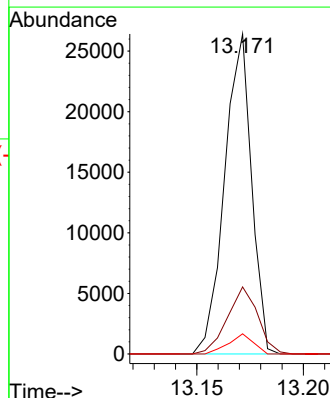
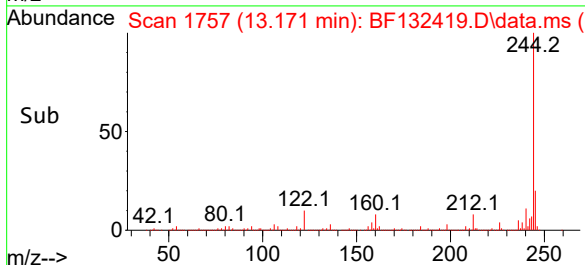
Tgt Ion:240 Resp: 446228
Ion Ratio Lower Upper
240 100
120 10.9 7.7 11.5
236 26.5 21.1 31.7

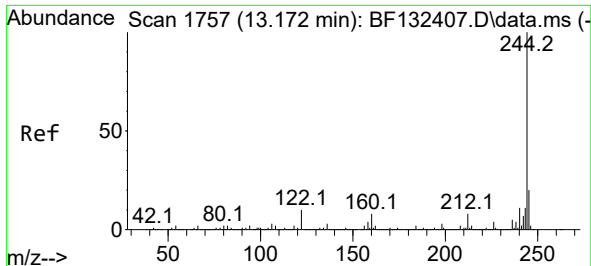


#77
Benzidine
Concen: 3.662 ng
RT: 13.171 min Scan# 1757
Delta R.T. 0.247 min
Lab File: BF132419.D
Acq: 13 Feb 2023 20:13



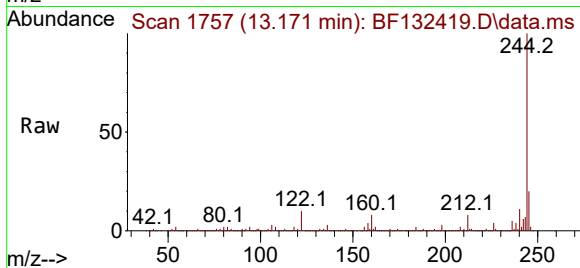
Tgt Ion:184 Resp: 23246
Ion Ratio Lower Upper
184 100
185 20.9 12.2 18.2#
183 6.3 9.3 13.9#



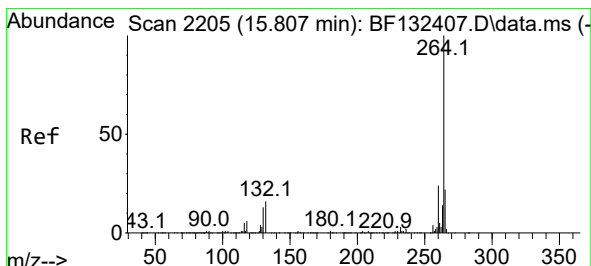
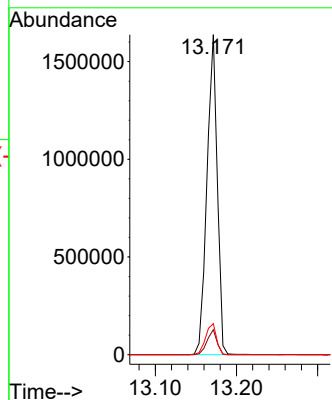
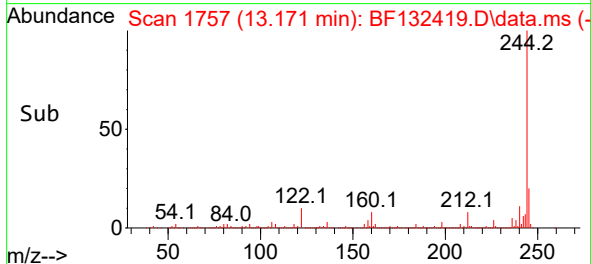


#79
 Terphenyl-d14
 Concen: 54.243 ng
 RT: 13.171 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: BF132419.D
 Acq: 13 Feb 2023 20:13

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1439186
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 9.7 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: BF132419.D
 Acq: 13 Feb 2023 20:13

Tgt Ion:264 Resp: 446701
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 21.1 17.7 26.5

