

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020923\
 Data File : BF132373.D
 Acq On : 09 Feb 2023 10:49
 Operator : CG\JU
 Sample : PB150738BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150738BL

Quant Time: Feb 10 00:56:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 09 01:56:26 2023
 Response via : Initial Calibration

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

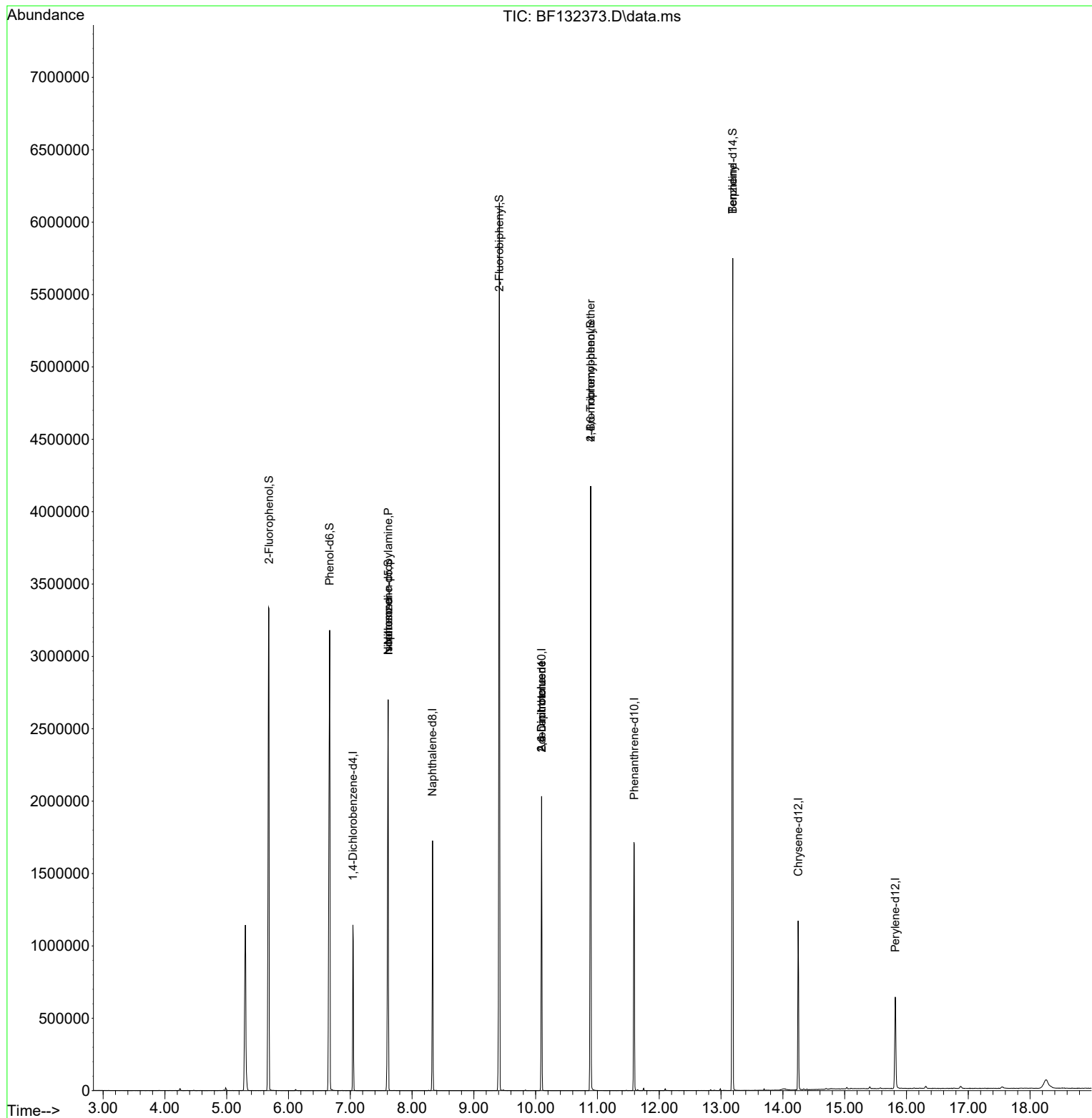
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.043	152	188793	20.000	ng	0.00
21) Naphthalene-d8	8.331	136	728744	20.000	ng	0.00
39) Acenaphthene-d10	10.095	164	385579	20.000	ng	0.00
64) Phenanthrene-d10	11.595	188	688839	20.000	ng	# 0.00
76) Chrysene-d12	14.248	240	369706	20.000	ng	0.00
86) Perylene-d12	15.818	264	305775	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	1358739	115.684	ng	0.02
7) Phenol-d6	6.666	99	1657731	114.482	ng	0.00
23) Nitrobenzene-d5	7.613	82	1005601	76.788	ng	0.00
42) 2,4,6-Tribromophenol	10.889	330	576366	145.358	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1945938	77.935	ng	0.00
79) Terphenyl-d14	13.189	244	2069785	108.297	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.613	70	123607	15.028	ng	# 77
25) Isophorone	7.613	82	1003865	40.387	ng	# 64
51) 2,6-Dinitrotoluene	10.095	165	49649	8.242	ng	# 24
57) 2,4-Dinitrotoluene	10.095	165	49649	6.345	ng	# 23
67) 4-Bromophenyl-phenylether	10.889	248	32074	4.547	ng	# 1
77) Benzydine	13.189	184	32280	2.497	ng	# 95

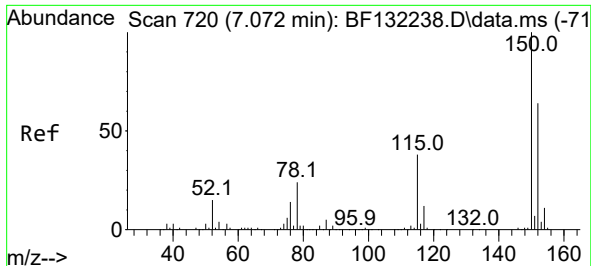
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020923\
Data File : BF132373.D
Acq On : 09 Feb 2023 10:49
Operator : CG\JU
Sample : PB150738BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB150738BL

Quant Time: Feb 10 00:56:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 09 01:56:26 2023
Response via : Initial Calibration

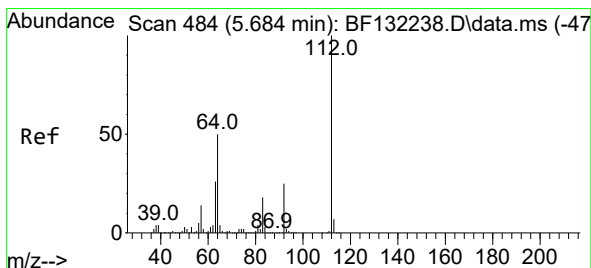
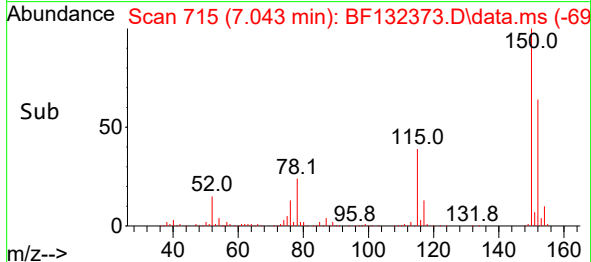
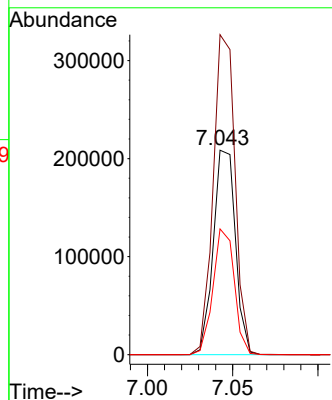
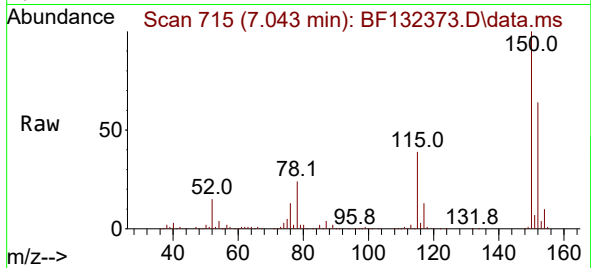




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.043 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF132373.D
 Acq: 09 Feb 2023 10:49

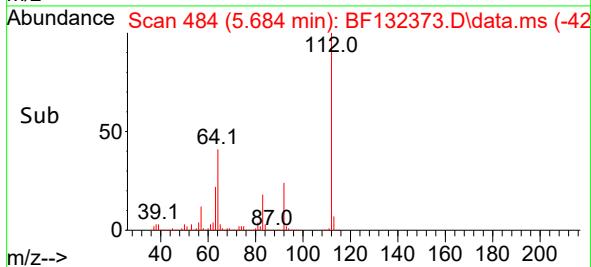
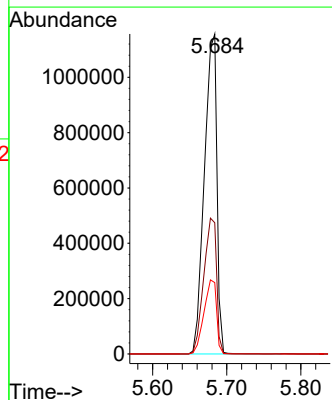
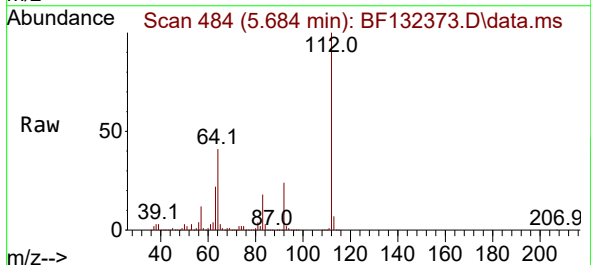
Instrument :
 BNA_F
 ClientSampleId :
 PB150738BL

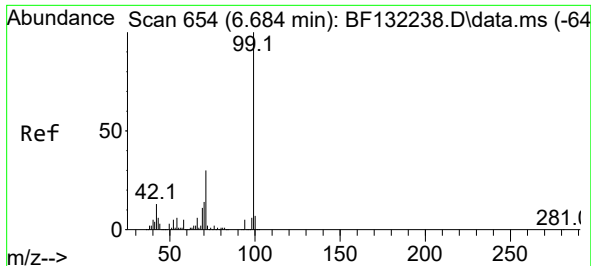
Tgt Ion:152 Resp: 188793
 Ion Ratio Lower Upper
 152 100
 150 156.5 124.2 186.2
 115 61.5 47.3 70.9



#5
 2-Fluorophenol
 Concen: 115.684 ng
 RT: 5.684 min Scan# 484
 Delta R.T. 0.024 min
 Lab File: BF132373.D
 Acq: 09 Feb 2023 10:49

Tgt Ion:112 Resp: 1358739
 Ion Ratio Lower Upper
 112 100
 64 41.0 40.0 60.0
 63 22.3 20.5 30.7

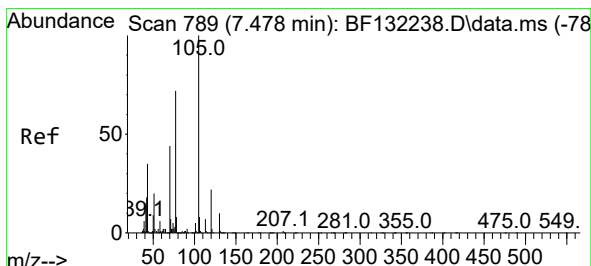
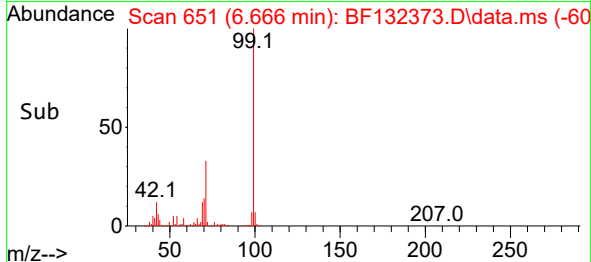
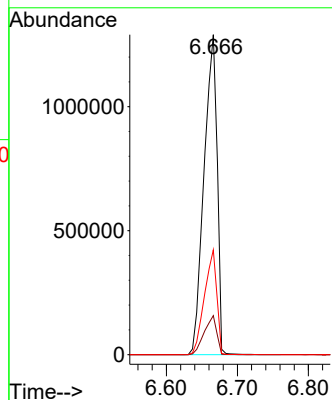
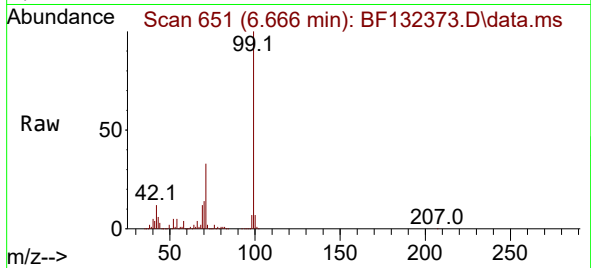




#7
Phenol-d6
Concen: 114.482 ng
RT: 6.666 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132373.D
Acq: 09 Feb 2023 10:49

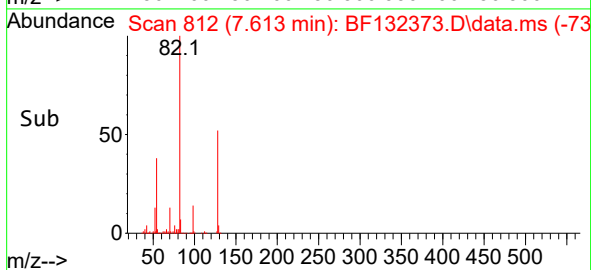
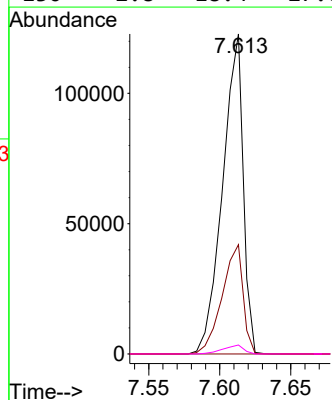
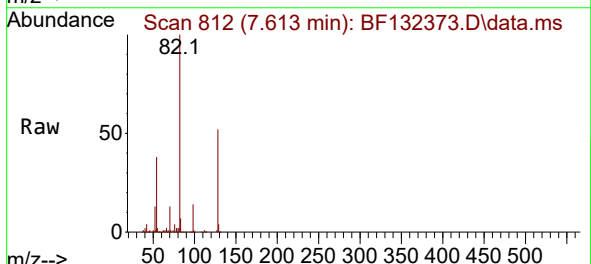
Instrument :
BNA_F
ClientSampleId :
PB150738BL

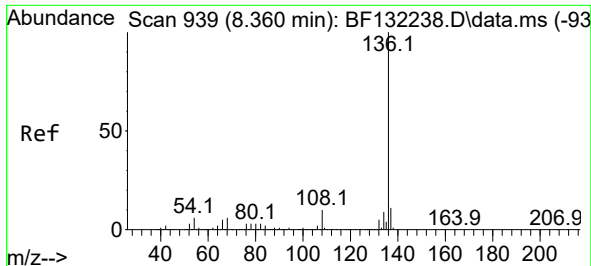
Tgt Ion: 99 Resp: 1657731
Ion Ratio Lower Upper
99 100
42 12.2 10.1 15.1
71 32.8 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.028 ng
RT: 7.613 min Scan# 812
Delta R.T. 0.153 min
Lab File: BF132373.D
Acq: 09 Feb 2023 10:49

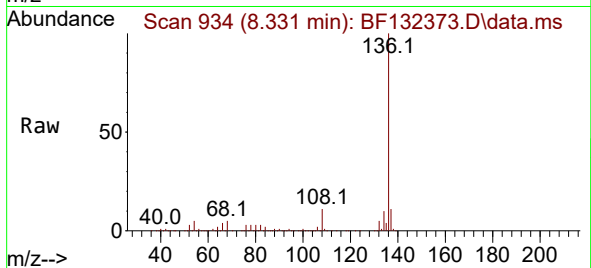
Tgt Ion: 70 Resp: 123607
Ion Ratio Lower Upper
70 100
42 34.2 33.4 50.0
101 0.0 8.2 12.4#
130 2.8 18.4 27.6#



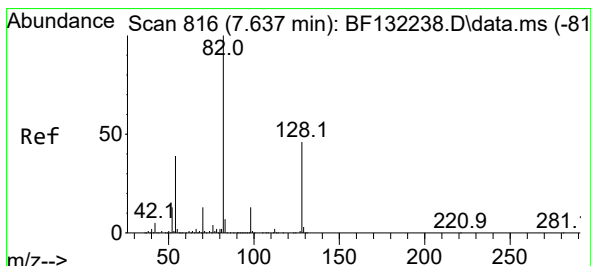
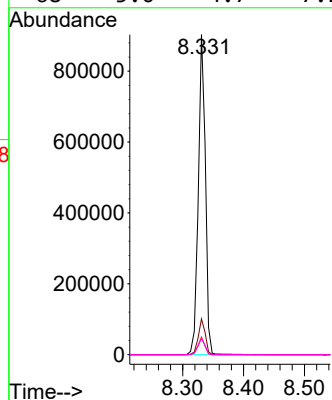
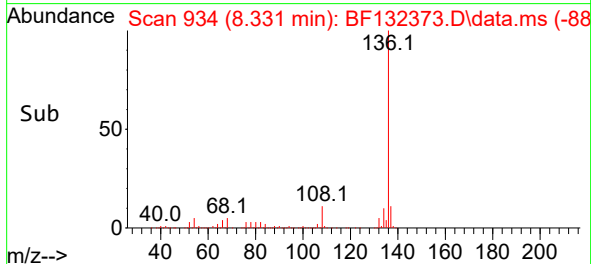


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.331 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132373.D
Acq: 09 Feb 2023 10:49

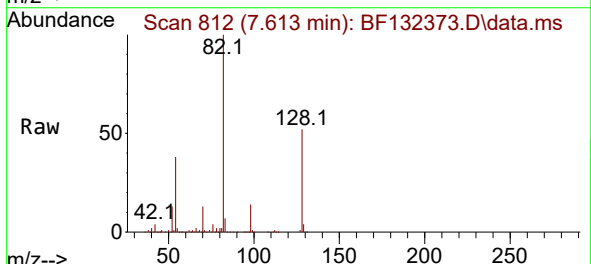
Instrument :
BNA_F
ClientSampleId :
PB150738BL



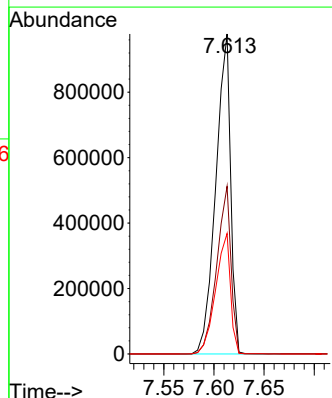
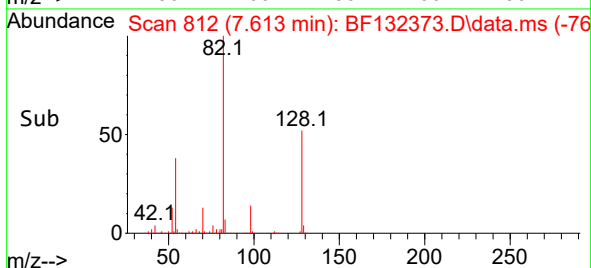
Tgt Ion:136 Resp: 728744
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 5.5 4.9 7.3
68 5.0 4.7 7.1

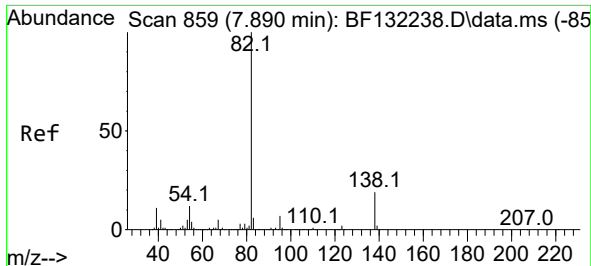


#23
Nitrobenzene-d5
Concen: 76.788 ng
RT: 7.613 min Scan# 812
Delta R.T. 0.000 min
Lab File: BF132373.D
Acq: 09 Feb 2023 10:49



Tgt Ion: 82 Resp: 1005601
Ion Ratio Lower Upper
82 100
128 52.4 37.0 55.4
54 37.7 31.5 47.3

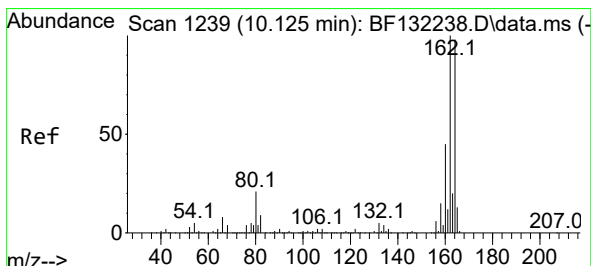
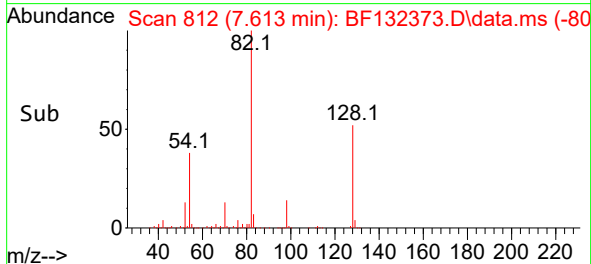
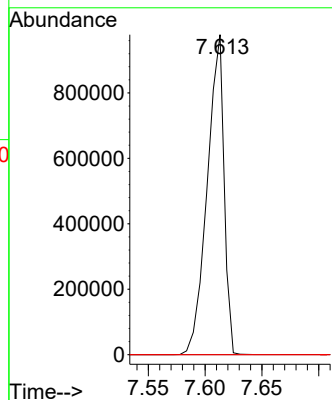
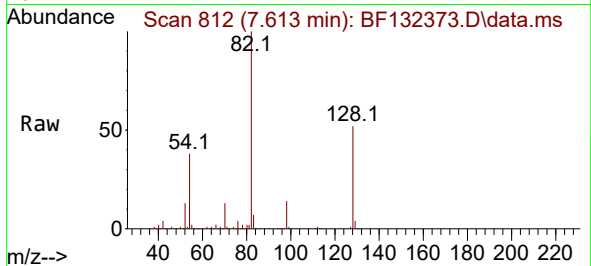




#25
Isophorone
Concen: 40.387 ng
RT: 7.613 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132373.D
Acq: 09 Feb 2023 10:49

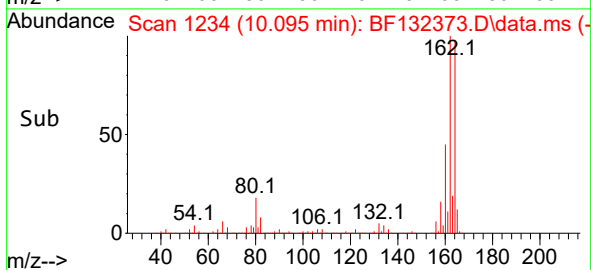
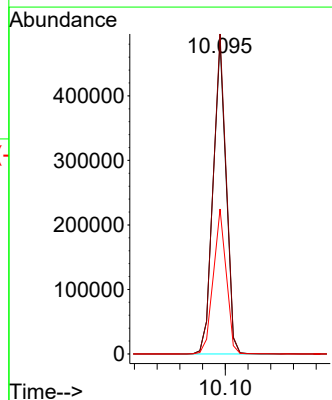
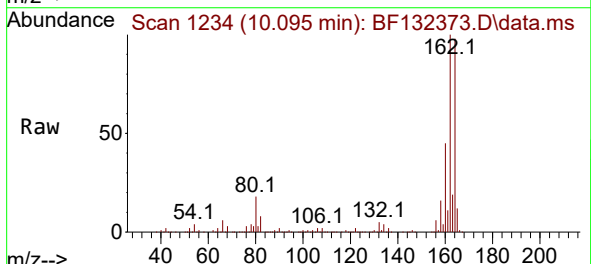
Instrument :
BNA_F
ClientSampleId :
PB150738BL

Tgt Ion: 82 Resp: 1003865
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.095 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF132373.D
Acq: 09 Feb 2023 10:49

Tgt Ion:164 Resp: 385579
Ion Ratio Lower Upper
164 100
162 102.4 82.0 123.0
160 46.4 37.1 55.7

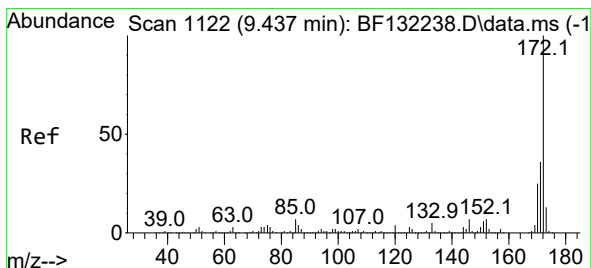
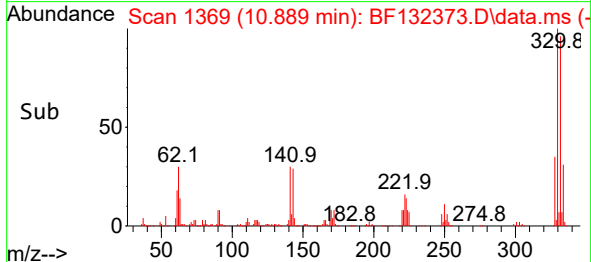
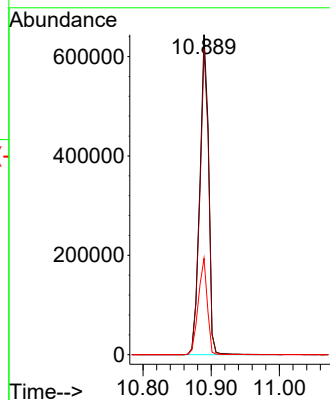
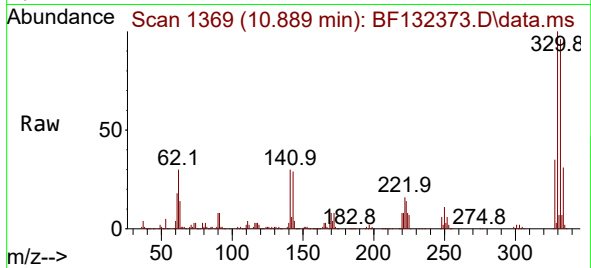




#42
2,4,6-Tribromophenol
Concen: 145.358 ng
RT: 10.889 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BF132373.D
Acq: 09 Feb 2023 10:49

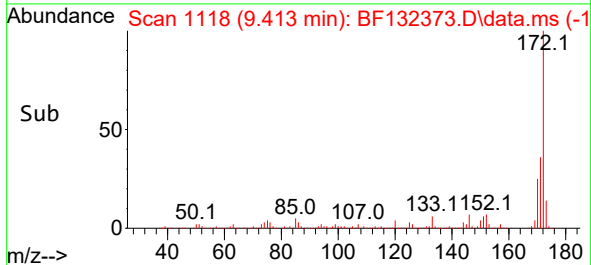
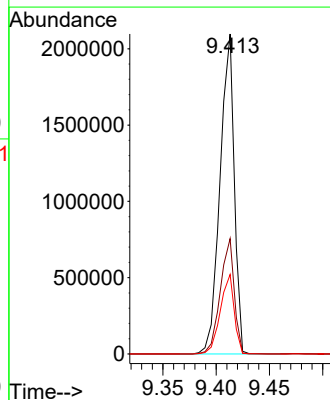
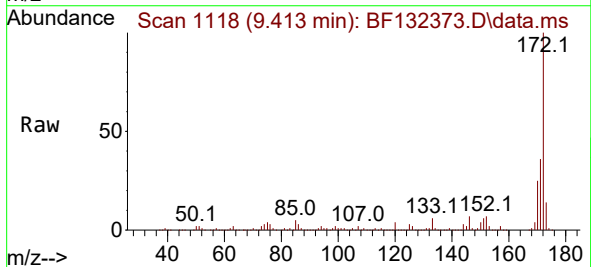
Instrument :
BNA_F
ClientSampleId :
PB150738BL

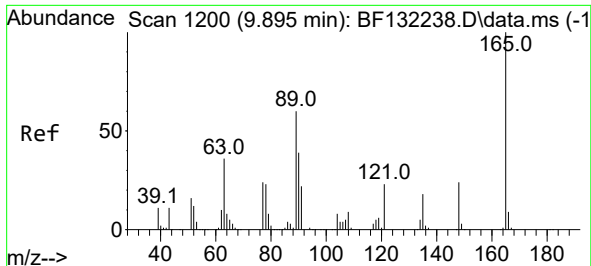
Tgt Ion:330 Resp: 576366
Ion Ratio Lower Upper
330 100
332 95.6 77.9 116.9
141 30.6 31.0 46.4#



#45
2-Fluorobiphenyl
Concen: 77.935 ng
RT: 9.413 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BF132373.D
Acq: 09 Feb 2023 10:49

Tgt Ion:172 Resp: 1945938
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 24.8 19.7 29.5

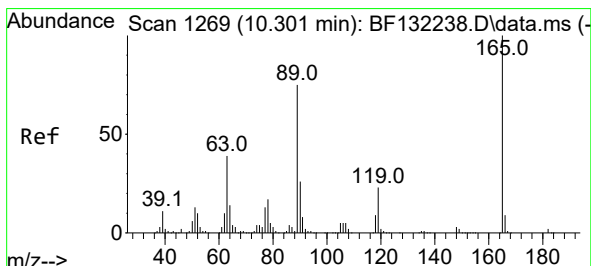
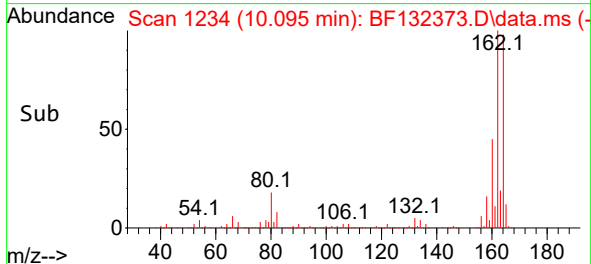
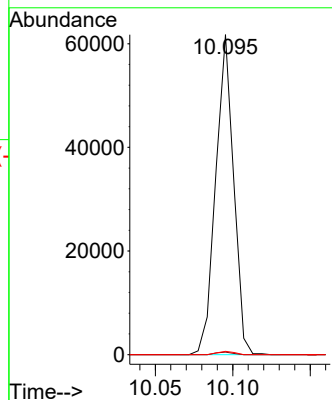
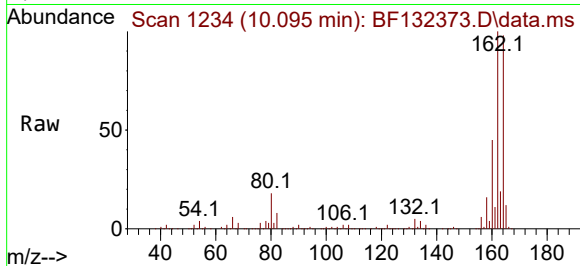




#51
2,6-Dinitrotoluene
Concen: 8.242 ng
RT: 10.095 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF132373.D
Acq: 09 Feb 2023 10:49

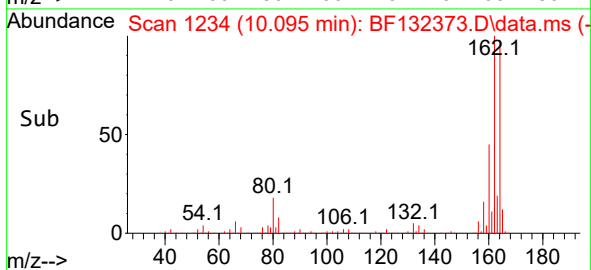
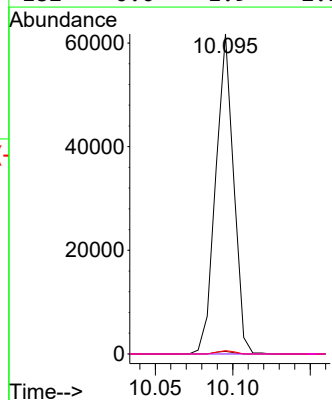
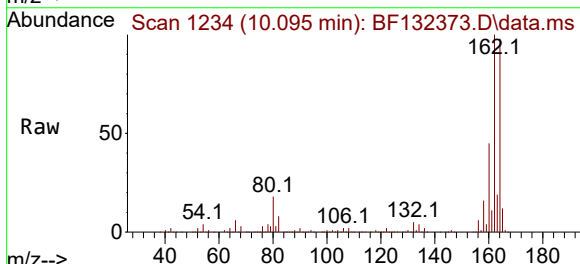
Instrument :
BNA_F
ClientSampleId :
PB150738BL

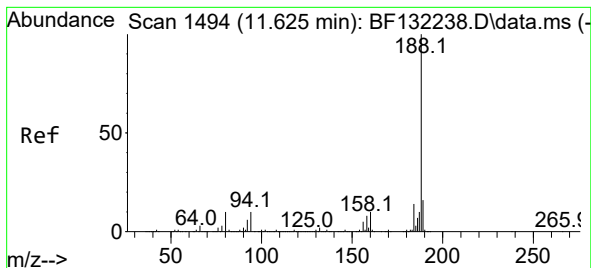
Tgt Ion:165 Resp: 49649
Ion Ratio Lower Upper
165 100
63 0.8 41.5 62.3#
89 1.1 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.345 ng
RT: 10.095 min Scan# 1234
Delta R.T. -0.188 min
Lab File: BF132373.D
Acq: 09 Feb 2023 10:49

Tgt Ion:165 Resp: 49649
Ion Ratio Lower Upper
165 100
63 0.8 30.9 46.3#
89 1.1 60.1 90.1#
182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.595 min Scan# 1494

Delta R.T. 0.000 min

Lab File: BF132373.D

Acq: 09 Feb 2023 10:49

Instrument :

BNA_F

ClientSampleId :

PB150738BL

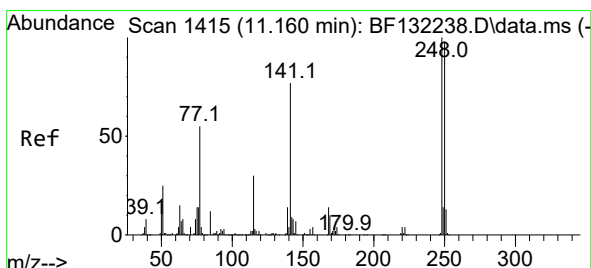
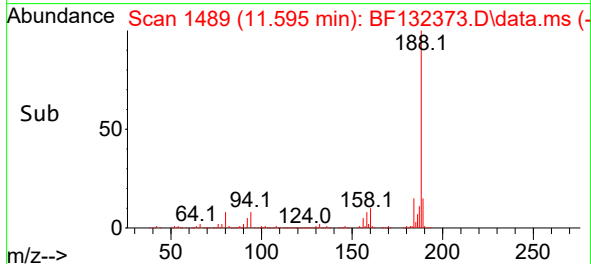
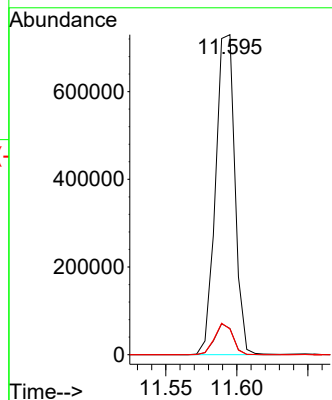
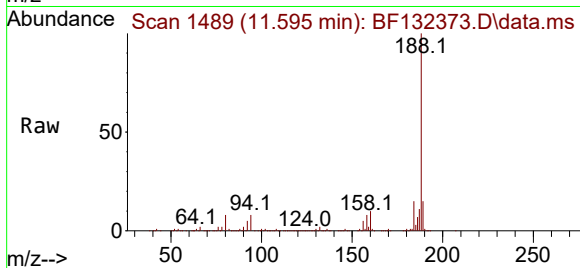
Tgt Ion:188 Resp: 688839

Ion Ratio Lower Upper

188 100

94 8.2 8.2 12.2

80 8.0 8.3 12.5#



#67

4-Bromophenyl-phenylether

Concen: 4.547 ng

RT: 10.889 min Scan# 1369

Delta R.T. -0.241 min

Lab File: BF132373.D

Acq: 09 Feb 2023 10:49

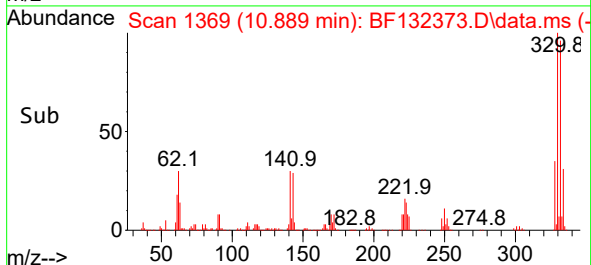
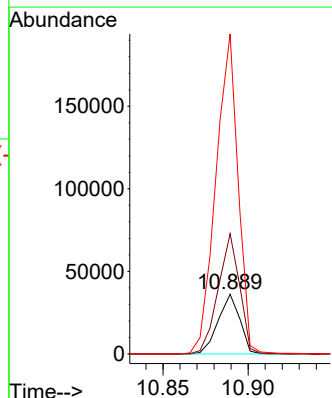
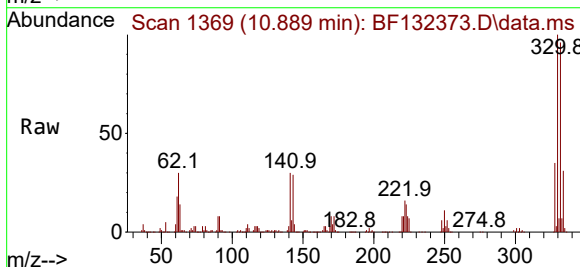
Tgt Ion:248 Resp: 32074

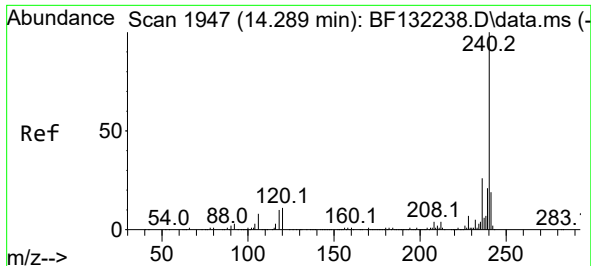
Ion Ratio Lower Upper

248 100

250 201.5 78.6 117.8#

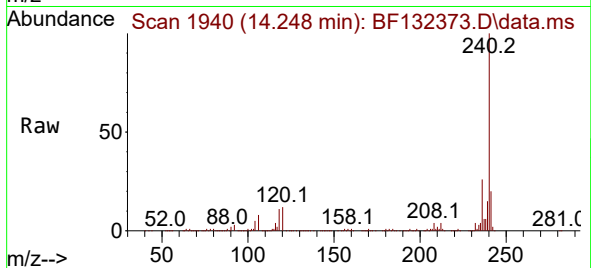
141 535.9 61.6 92.4#



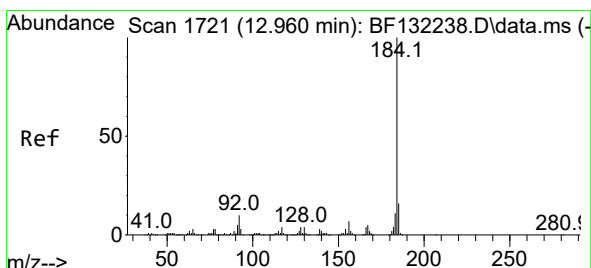
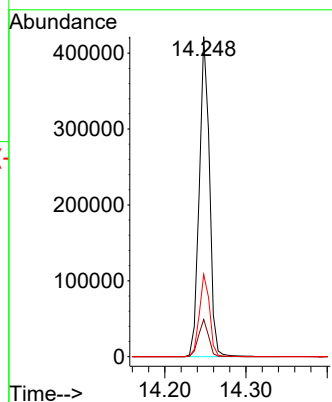
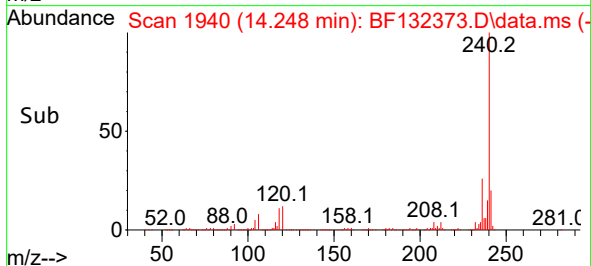


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.248 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BF132373.D
Acq: 09 Feb 2023 10:49

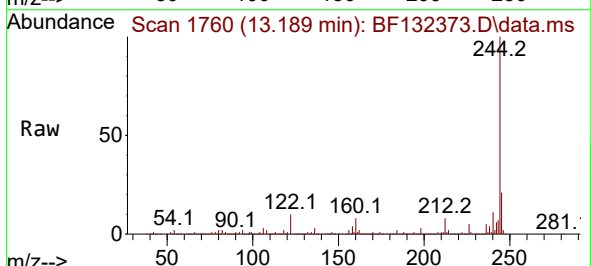
Instrument :
BNA_F
ClientSampleId :
PB150738BL



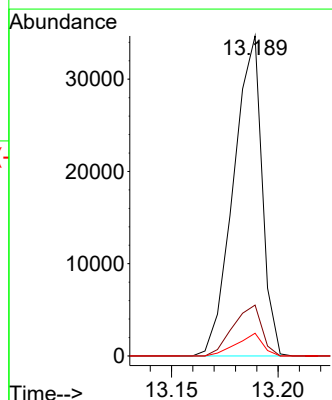
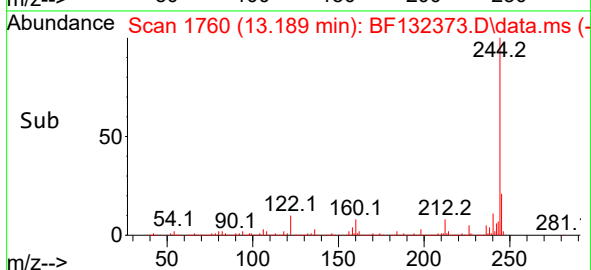
Tgt Ion:240 Resp: 369706
Ion Ratio Lower Upper
240 100
120 11.7 8.8 13.2
236 25.7 21.0 31.6

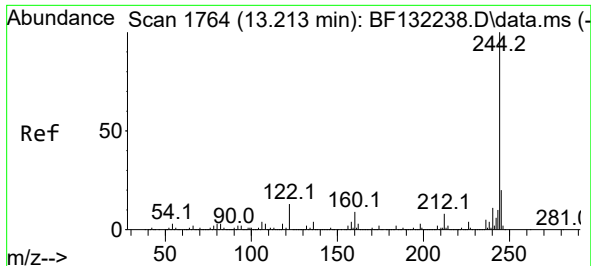


#77
Benzidine
Concen: 2.497 ng
RT: 13.189 min Scan# 1760
Delta R.T. 0.259 min
Lab File: BF132373.D
Acq: 09 Feb 2023 10:49



Tgt Ion:184 Resp: 32280
Ion Ratio Lower Upper
184 100
185 15.9 12.6 18.8
183 7.1 8.9 13.3#

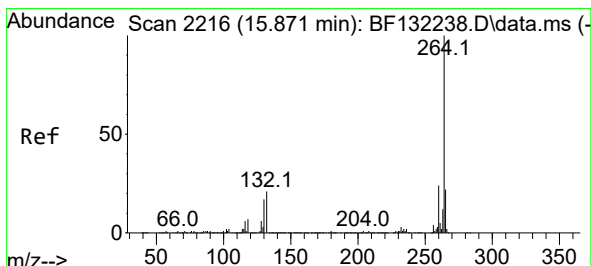
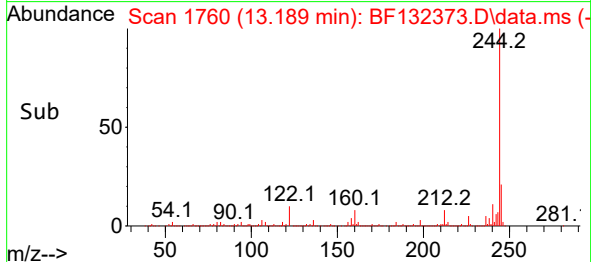
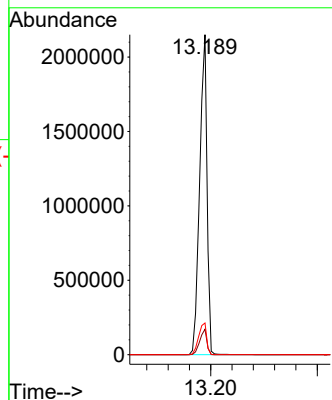
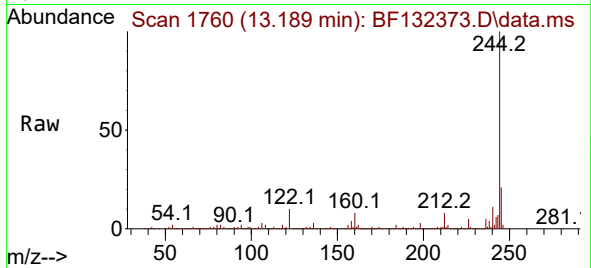




#79
Terphenyl-d14
Concen: 108.297 ng
RT: 13.189 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132373.D
Acq: 09 Feb 2023 10:49

Instrument :
BNA_F
ClientSampleId :
PB150738BL

Tgt Ion:244 Resp: 2069785
Ion Ratio Lower Upper
244 100
212 8.0 6.4 9.6
122 9.9 10.5 15.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.818 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF132373.D
Acq: 09 Feb 2023 10:49

Tgt Ion:264 Resp: 305775
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.4
265 21.7 17.4 26.2

