

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020923\
 Data File : BF132377.D
 Acq On : 09 Feb 2023 12:56
 Operator : CG\JU
 Sample : PB150732BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150732BL

Quant Time: Feb 10 00:58:57 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)

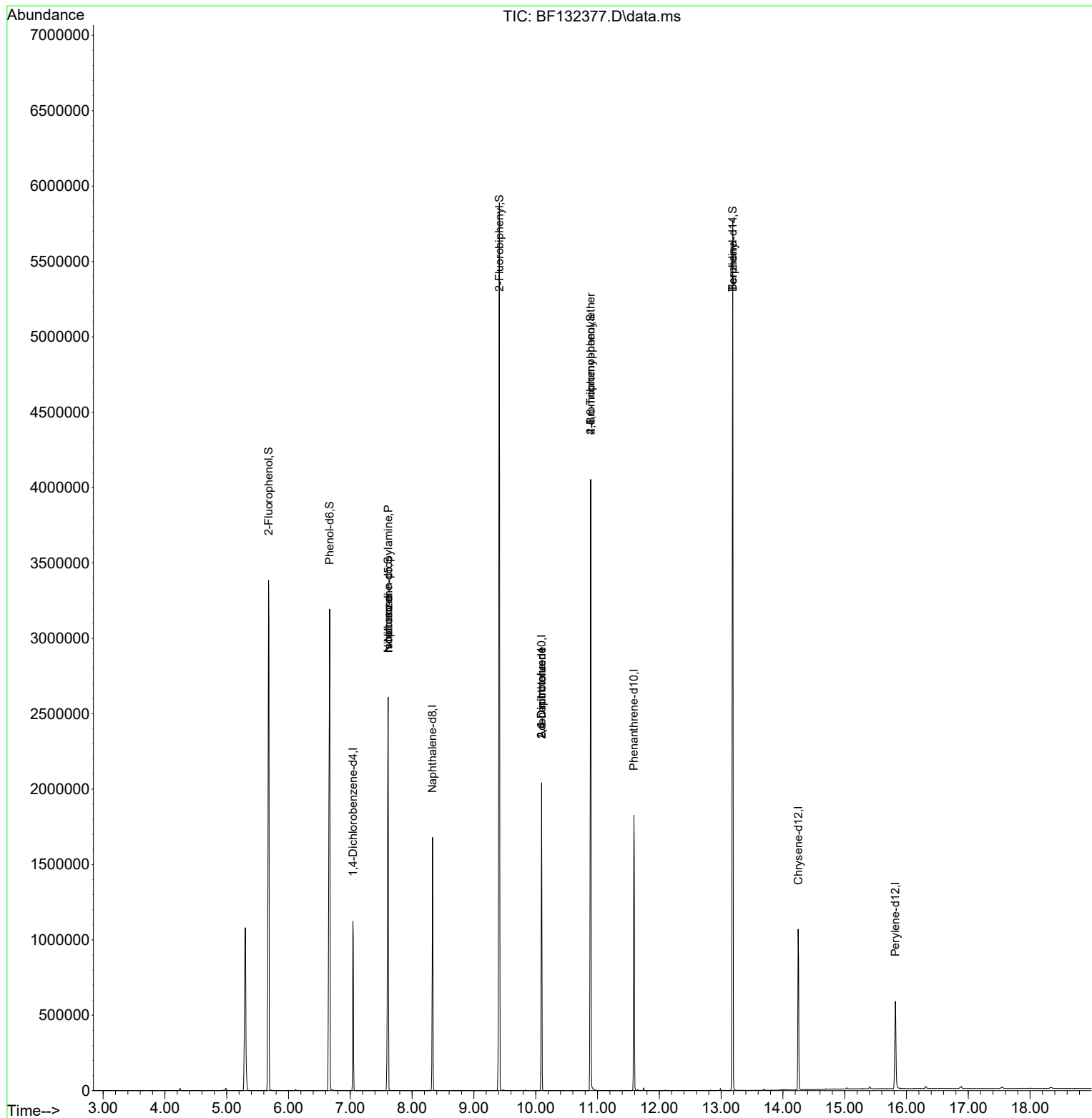
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.042	152	184765	20.000	ng	0.00
21) Naphthalene-d8	8.330	136	720883	20.000	ng	0.00
39) Acenaphthene-d10	10.095	164	379665	20.000	ng	0.00
64) Phenanthrene-d10	11.589	188	676479	20.000	ng	0.00
76) Chrysene-d12	14.248	240	358989	20.000	ng	0.00
86) Perylene-d12	15.818	264	290966	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.678	112	1343555	116.885	ng	0.02
7) Phenol-d6	6.666	99	1637448	115.547	ng	0.00
23) Nitrobenzene-d5	7.613	82	986826	76.176	ng	0.00
42) 2,4,6-Tribromophenol	10.889	330	562913	144.177	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1919063	78.056	ng	0.00
79) Terphenyl-d14	13.189	244	2032811	109.538	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.613	70	123763	15.375	ng	# 76
25) Isophorone	7.613	82	984734	40.050	ng	# 64
51) 2,6-Dinitrotoluene	10.095	165	48934	8.250	ng	# 25
57) 2,4-Dinitrotoluene	10.095	165	48934	6.351	ng	# 23
67) 4-Bromophenyl-phenylether	10.889	248	30642	4.423	ng	# 1
77) Benizidine	13.189	184	32179	2.564	ng	# 94

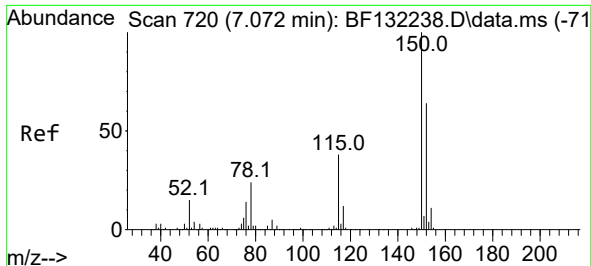
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 09 01:56:26 2023
Response via : Initial Calibration

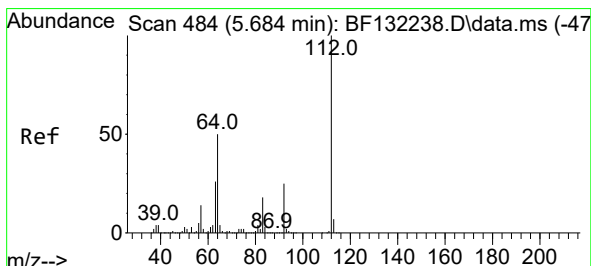
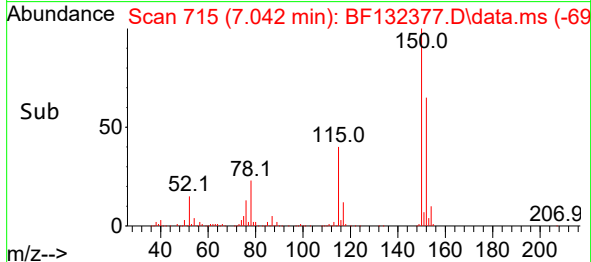
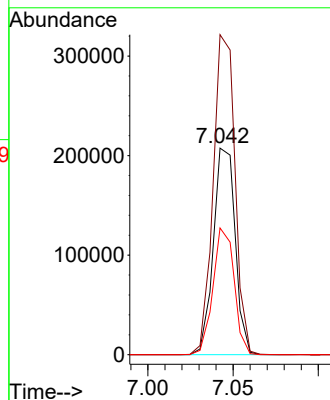
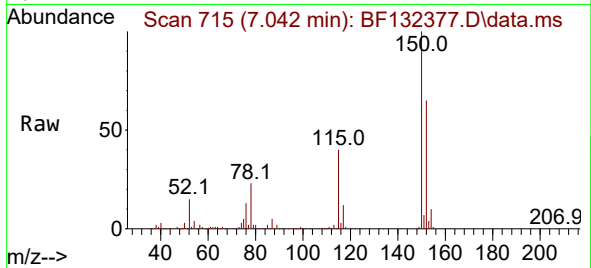




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.042 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132377.D
Acq: 09 Feb 2023 12:56

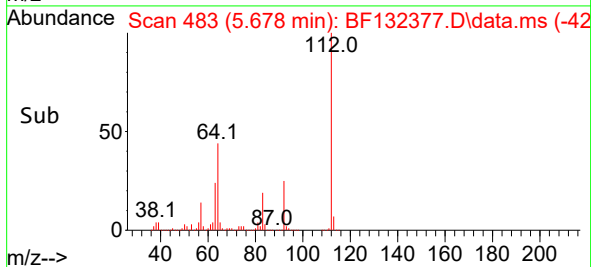
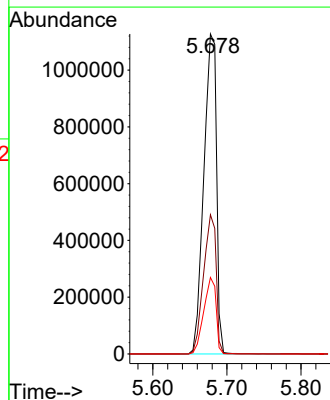
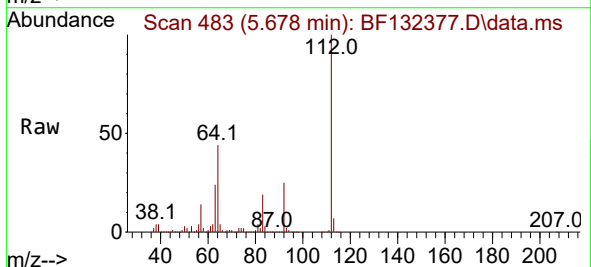
Instrument :
BNA_F
ClientSampleId :
PB150732BL

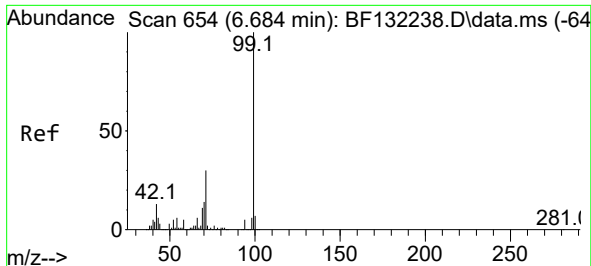
Tgt Ion:152 Resp: 184765
Ion Ratio Lower Upper
152 100
150 154.9 124.2 186.2
115 61.4 47.3 70.9



#5
2-Fluorophenol
Concen: 116.885 ng
RT: 5.678 min Scan# 483
Delta R.T. 0.018 min
Lab File: BF132377.D
Acq: 09 Feb 2023 12:56

Tgt Ion:112 Resp: 1343555
Ion Ratio Lower Upper
112 100
64 43.5 40.0 60.0
63 23.9 20.5 30.7

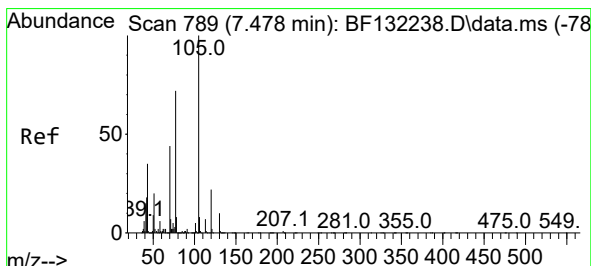
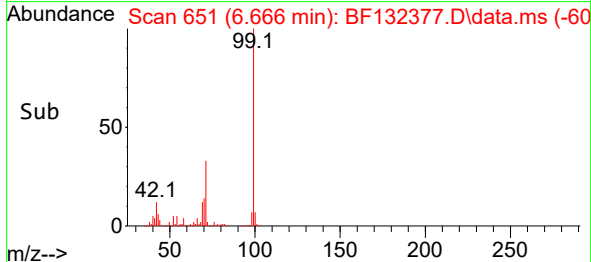
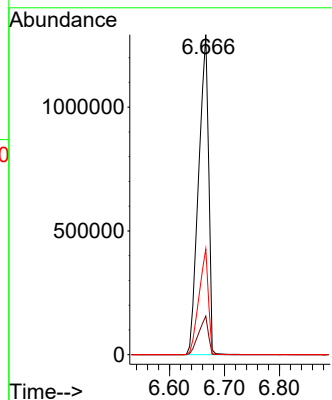
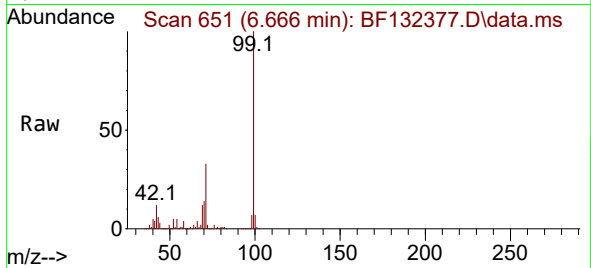




#7
Phenol-d6
Concen: 115.547 ng
RT: 6.666 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132377.D
Acq: 09 Feb 2023 12:56

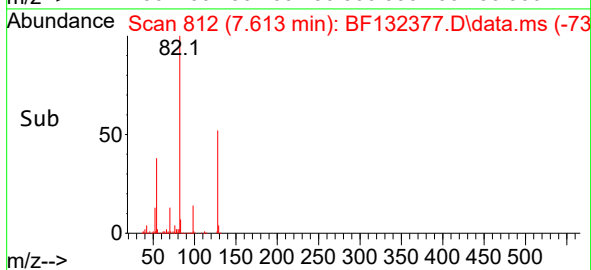
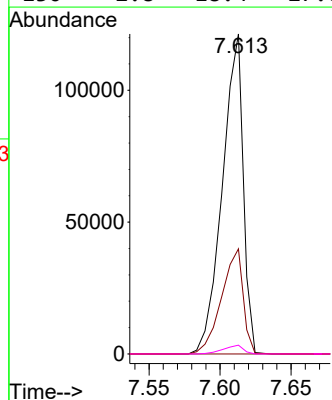
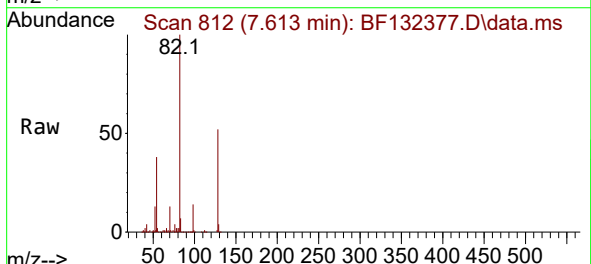
Instrument :
BNA_F
ClientSampleId :
PB150732BL

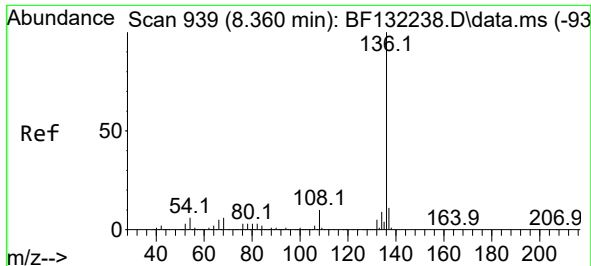
Tgt Ion: 99 Resp: 1637448
Ion Ratio Lower Upper
99 100
42 12.0 10.1 15.1
71 33.1 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.375 ng
RT: 7.613 min Scan# 812
Delta R.T. 0.153 min
Lab File: BF132377.D
Acq: 09 Feb 2023 12:56

Tgt Ion: 70 Resp: 123763
Ion Ratio Lower Upper
70 100
42 32.8 33.4 50.0#
101 0.0 8.2 12.4#
130 2.8 18.4 27.6#

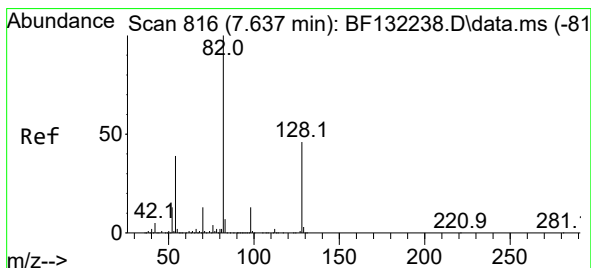
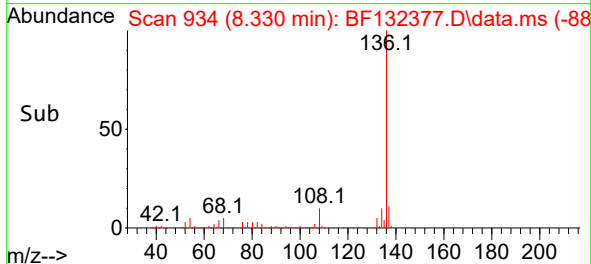
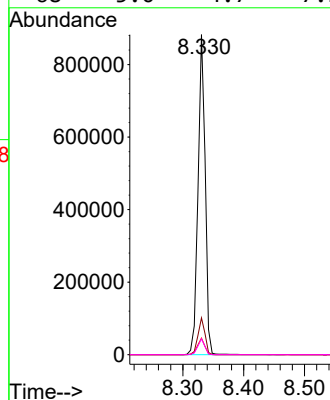
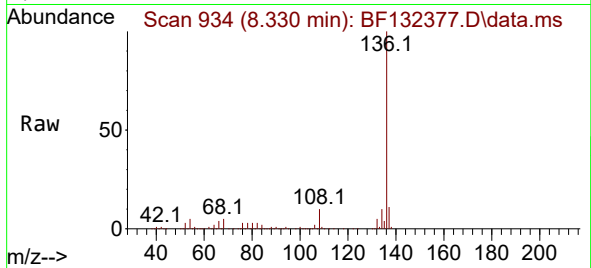




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.330 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132377.D
Acq: 09 Feb 2023 12:56

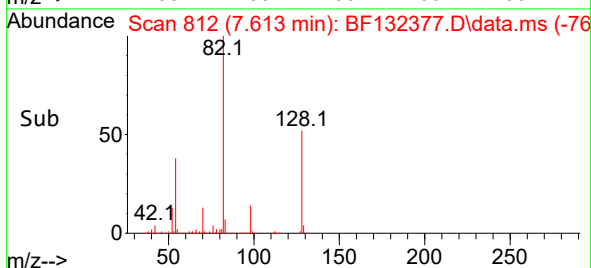
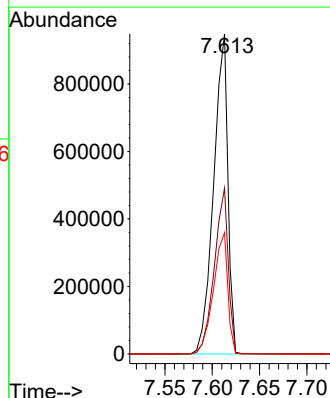
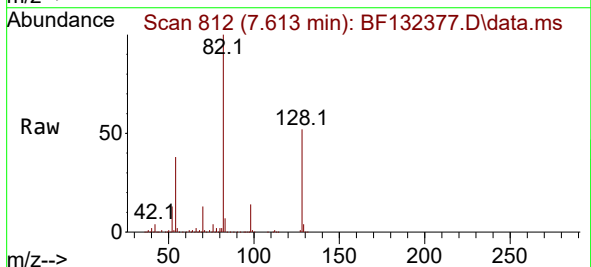
Instrument :
BNA_F
ClientSampleId :
PB150732BL

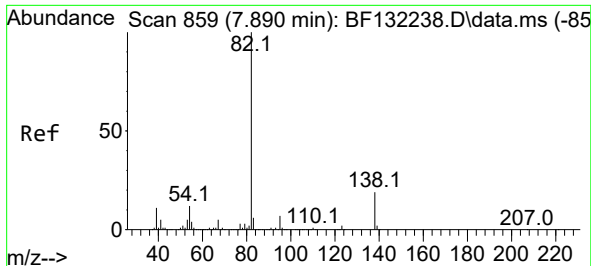
Tgt Ion:136 Resp: 720883
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 5.2 4.9 7.3
68 5.0 4.7 7.1



#23
Nitrobenzene-d5
Concen: 76.176 ng
RT: 7.613 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF132377.D
Acq: 09 Feb 2023 12:56

Tgt Ion: 82 Resp: 986826
Ion Ratio Lower Upper
82 100
128 51.8 37.0 55.4
54 37.9 31.5 47.3

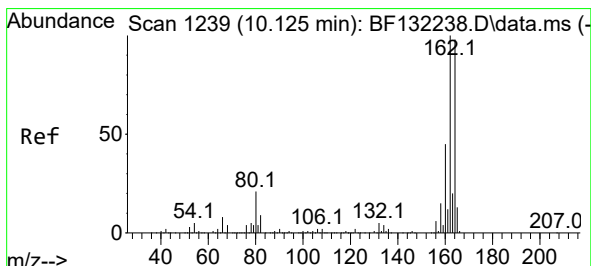
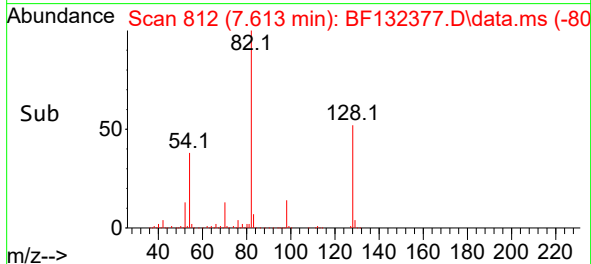
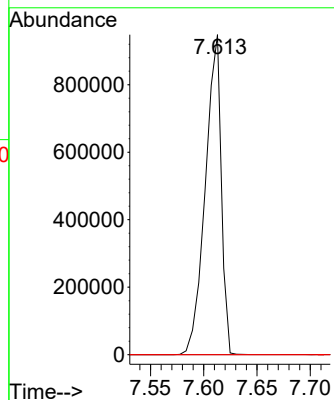
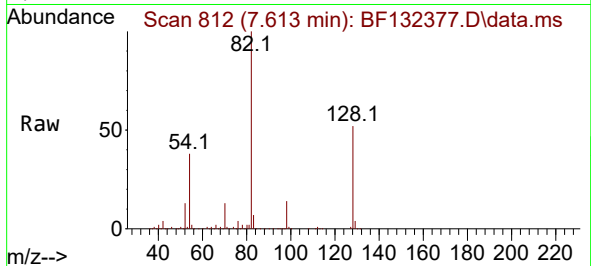




#25
Isophorone
Concen: 40.050 ng
RT: 7.613 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132377.D
Acq: 09 Feb 2023 12:56

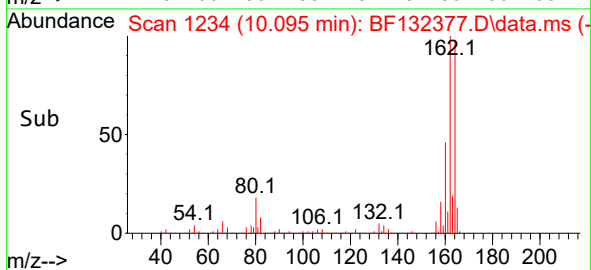
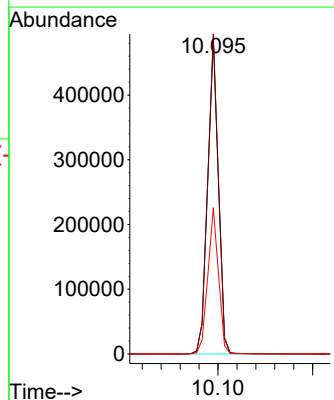
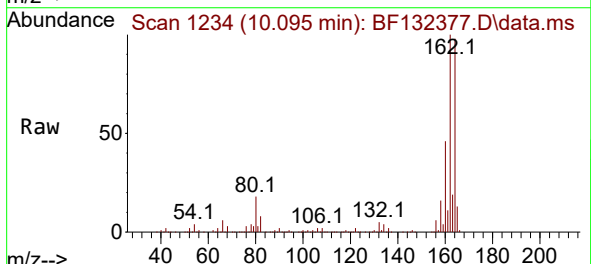
Instrument :
BNA_F
ClientSampleId :
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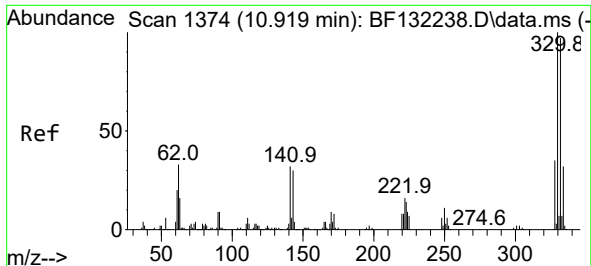
Tgt Ion: 82 Resp: 984734
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.095 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF132377.D
Acq: 09 Feb 2023 12:56

Tgt Ion:164 Resp: 379665
Ion Ratio Lower Upper
164 100
162 101.6 82.0 123.0
160 46.4 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 144.177 ng

RT: 10.889 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF132377.D

Acq: 09 Feb 2023 12:56

Instrument :

BNA_F

ClientSampleId :

PB150732BL

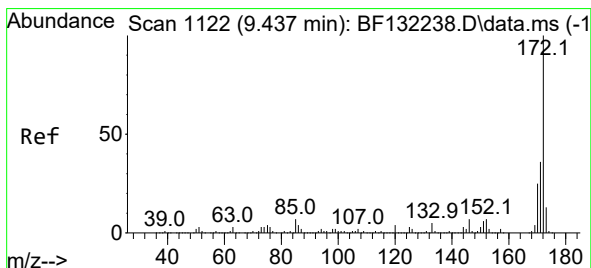
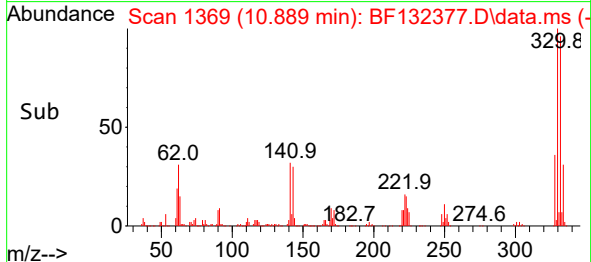
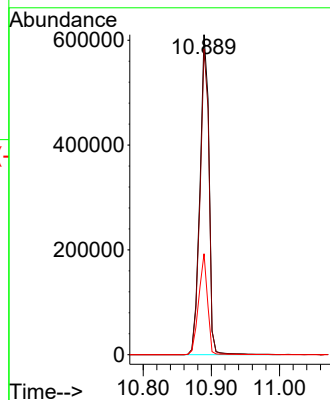
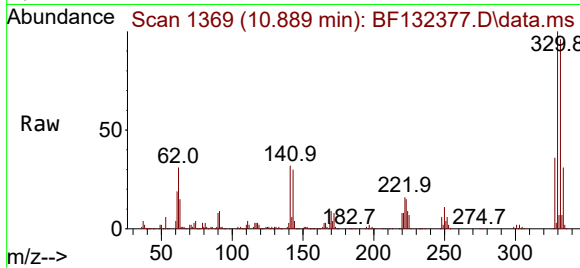
Tgt Ion:330 Resp: 562913

Ion Ratio Lower Upper

330 100

332 95.4 77.9 116.9

141 30.6 31.0 46.4#



#45

2-Fluorobiphenyl

Concen: 78.056 ng

RT: 9.413 min Scan# 1118

Delta R.T. -0.000 min

Lab File: BF132377.D

Acq: 09 Feb 2023 12:56

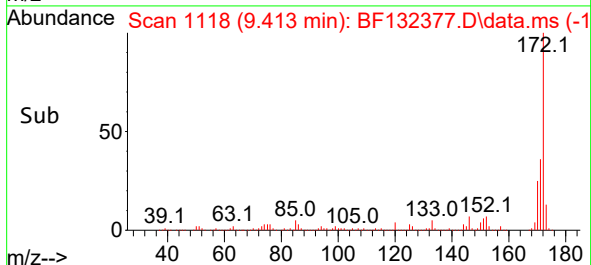
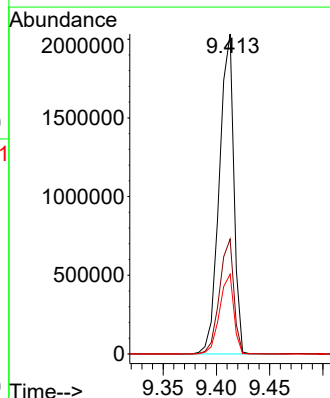
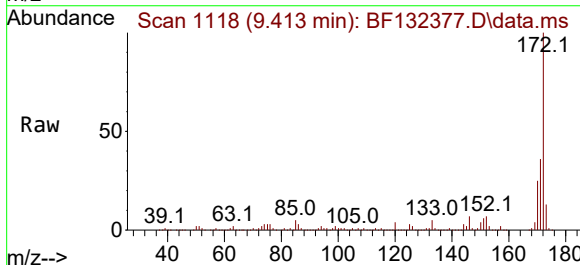
Tgt Ion:172 Resp: 1919063

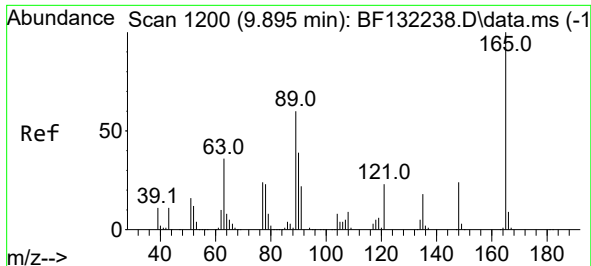
Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

170 24.9 19.7 29.5

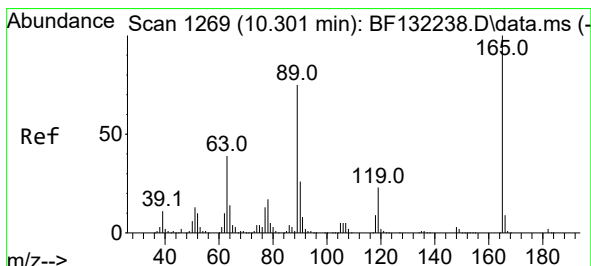
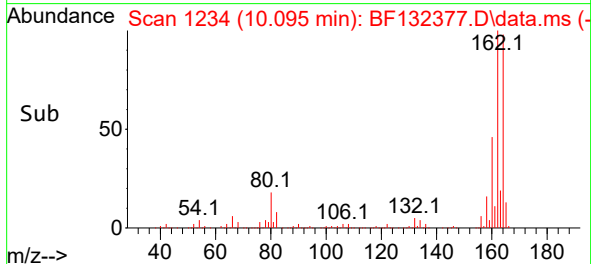
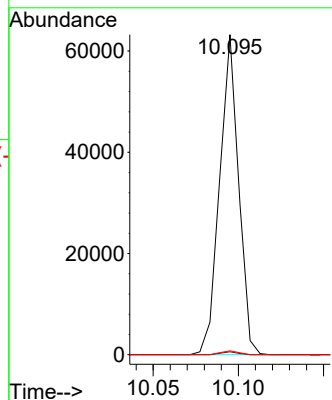
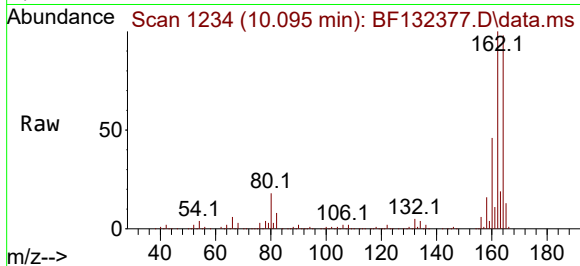




#51
2,6-Dinitrotoluene
Concen: 8.250 ng
RT: 10.095 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF132377.D
Acq: 09 Feb 2023 12:56

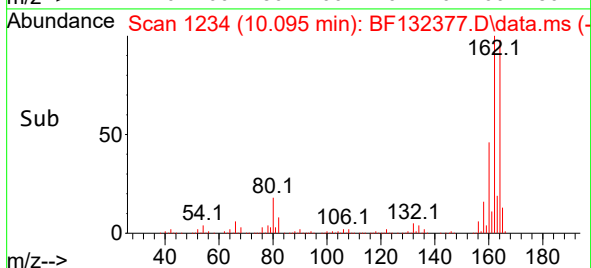
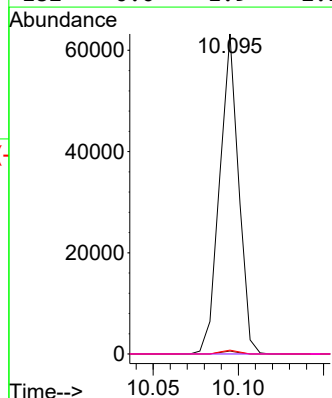
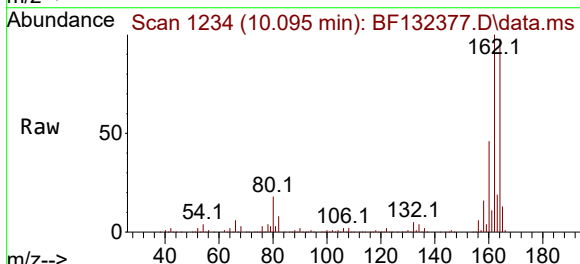
Instrument :
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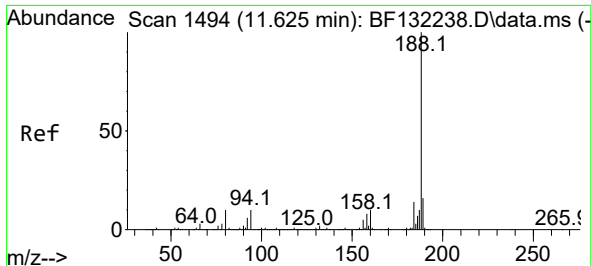
Tgt Ion:165 Resp: 48934
Ion Ratio Lower Upper
165 100
63 0.9 41.5 62.3#
89 1.2 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.351 ng
RT: 10.095 min Scan# 1234
Delta R.T. -0.188 min
Lab File: BF132377.D
Acq: 09 Feb 2023 12:56

Tgt Ion:165 Resp: 48934
Ion Ratio Lower Upper
165 100
63 0.9 30.9 46.3#
89 1.2 60.1 90.1#
182 0.0 1.9 2.9#

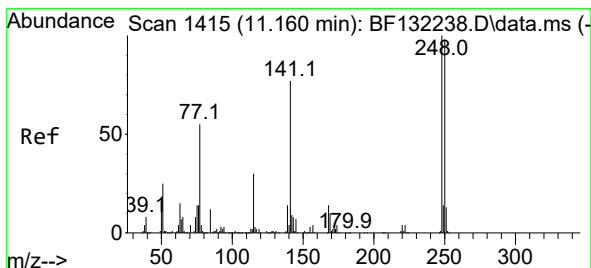
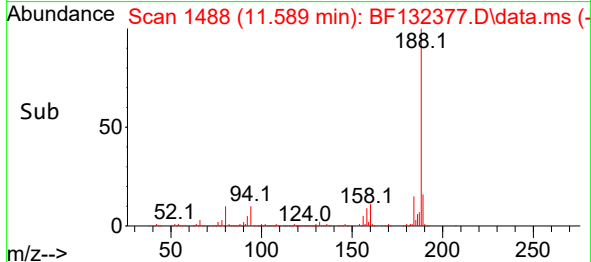
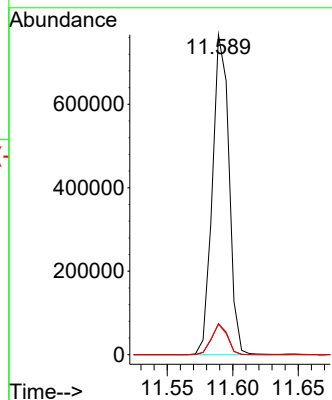
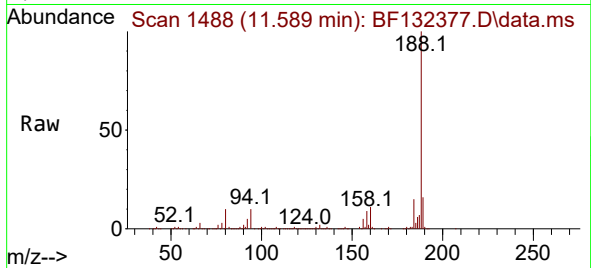




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.589 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF132377.D
Acq: 09 Feb 2023 12:56

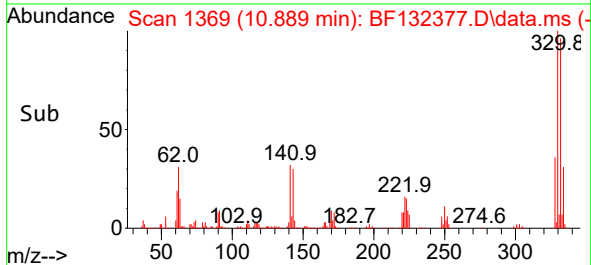
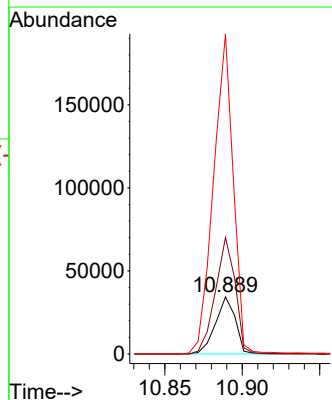
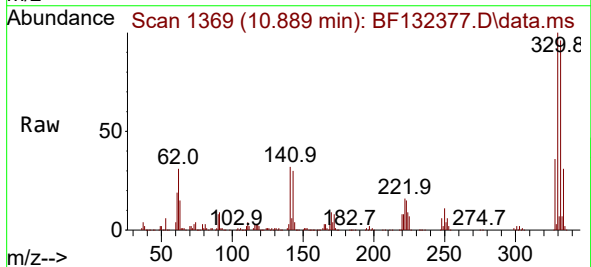
Instrument :
BNA_F
ClientSampleId :
PB150732BL

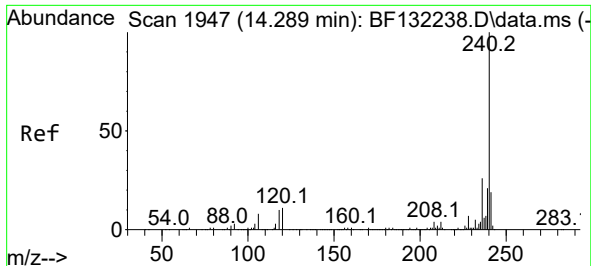
Tgt Ion:188 Resp: 676479
Ion Ratio Lower Upper
188 100
94 9.7 8.2 12.2
80 9.5 8.3 12.5



#67
4-Bromophenyl-phenylether
Concen: 4.423 ng
RT: 10.889 min Scan# 1369
Delta R.T. -0.241 min
Lab File: BF132377.D
Acq: 09 Feb 2023 12:56

Tgt Ion:248 Resp: 30642
Ion Ratio Lower Upper
248 100
250 204.0 78.6 117.8#
141 560.7 61.6 92.4#

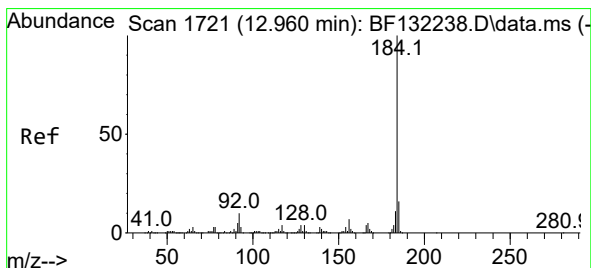
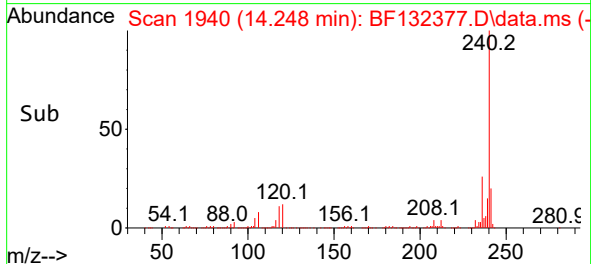
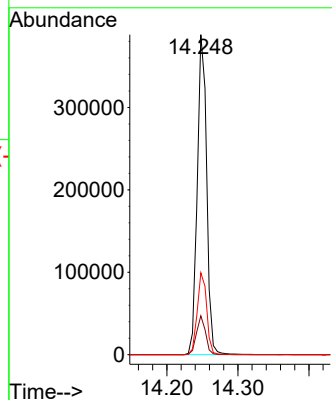
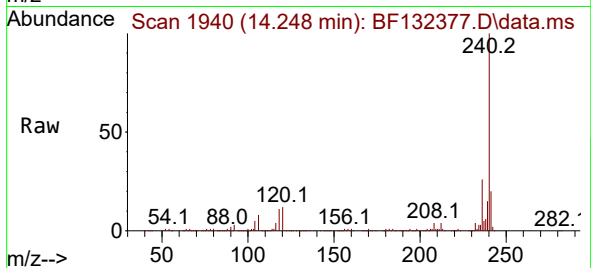




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.248 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BF132377.D
Acq: 09 Feb 2023 12:56

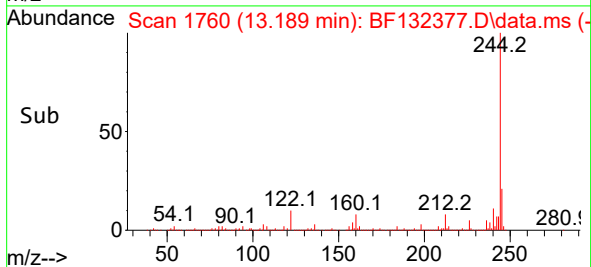
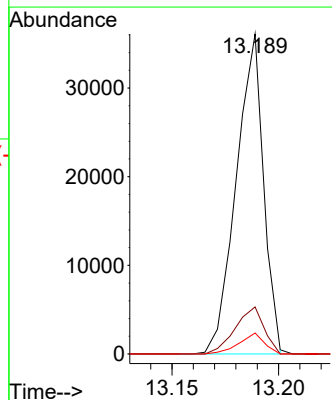
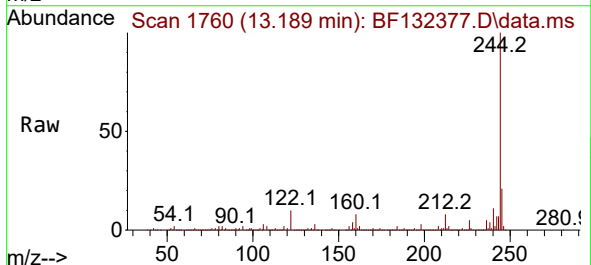
Instrument :
BNA_F
ClientSampleId :
PB150732BL

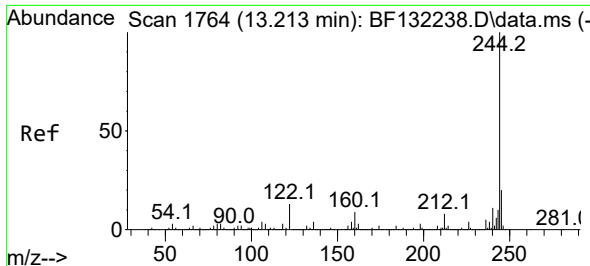
Tgt Ion:240 Resp: 358989
Ion Ratio Lower Upper
240 100
120 12.1 8.8 13.2
236 25.6 21.0 31.6



#77
Benzidine
Concen: 2.564 ng
RT: 13.189 min Scan# 1760
Delta R.T. 0.259 min
Lab File: BF132377.D
Acq: 09 Feb 2023 12:56

Tgt Ion:184 Resp: 32179
Ion Ratio Lower Upper
184 100
185 14.7 12.6 18.8
183 6.6 8.9 13.3#

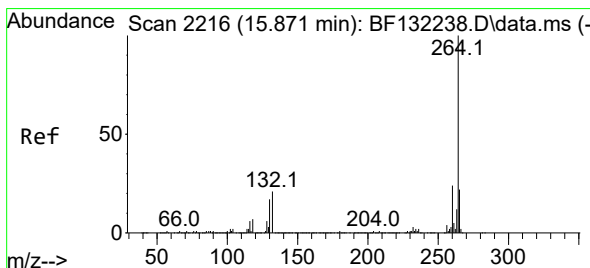
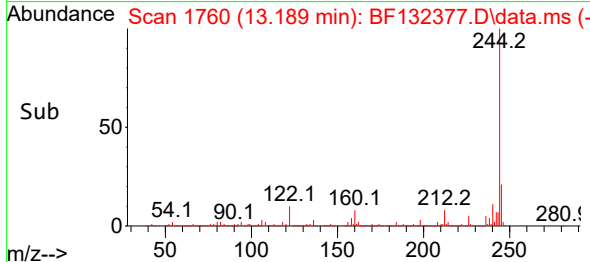
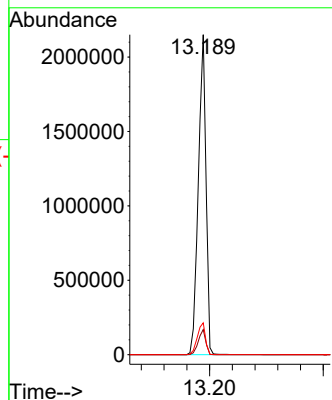
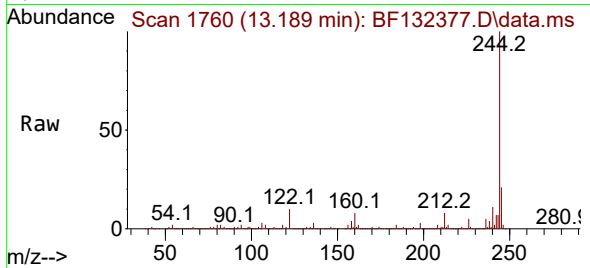




#79
 Terphenyl-d14
 Concen: 109.538 ng
 RT: 13.189 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF132377.D
 Acq: 09 Feb 2023 12:56

Instrument :
 BNA_F
 ClientSampleId :
 PB150732BL

Tgt Ion:244 Resp: 2032811
 Ion Ratio Lower Upper
 244 100
 212 7.9 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: BF132377.D
 Acq: 09 Feb 2023 12:56

Tgt Ion:264 Resp: 290966
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.4
 265 21.7 17.4 26.2

