

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
 Data File : BF132263.D
 Acq On : 01 Feb 2023 16:44
 Operator : CG\JU
 Sample : PB150556TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150609TB

Quant Time: Feb 02 00:55:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 05:24:37 2023
 Response via : Initial Calibration

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

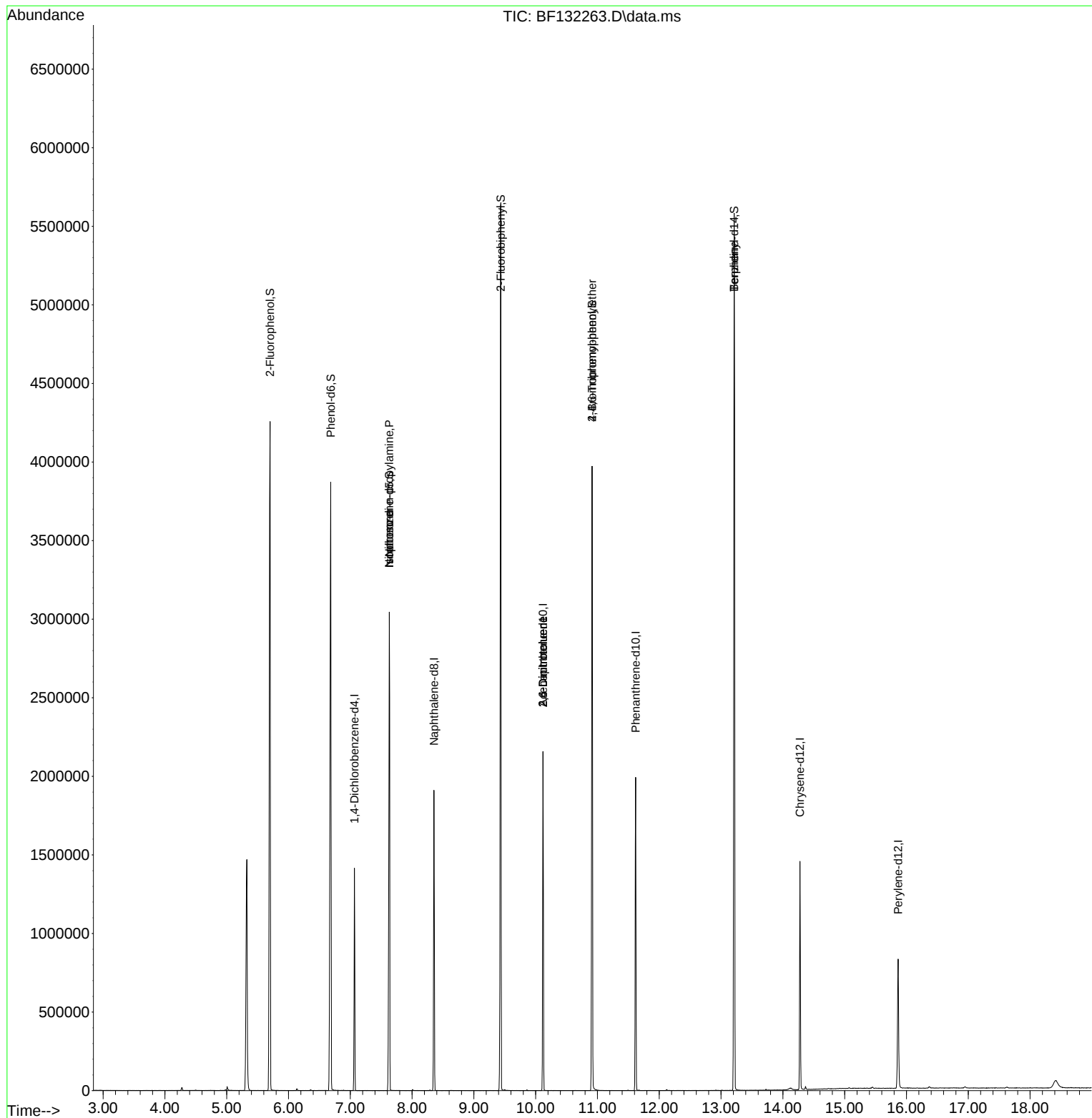
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	204576	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	788441	20.000	ng	0.00
39) Acenaphthene-d10	10.119	164	389439	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	688204	20.000	ng	0.00
76) Chrysene-d12	14.277	240	448203	20.000	ng	-0.01
86) Perylene-d12	15.865	264	380888	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.701	112	1540187	121.016	ng	0.02
7) Phenol-d6	6.684	99	1896463	120.865	ng	0.00
23) Nitrobenzene-d5	7.631	82	1172294	82.739	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	500620	125.004	ng	0.00
45) 2-Fluorobiphenyl	9.436	172	1910987	75.777	ng	0.00
79) Terphenyl-d14	13.213	244	2041187	88.096	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.631	70	147411	16.539	ng	# 77
25) Isophorone	7.631	82	1172272	43.592	ng	# 64
51) 2,6-Dinitrotoluene	10.119	165	50254	8.260	ng	# 25
57) 2,4-Dinitrotoluene	10.119	165	50254	6.359	ng	# 23
67) 4-Bromophenyl-phenylether	10.913	248	29505	4.187	ng	# 1
77) Benzidine	13.213	184	33180	2.117	ng	# 93

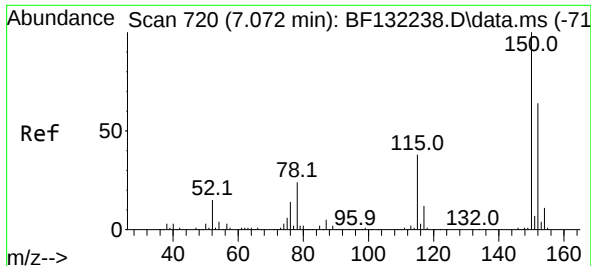
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 05:24:37 2023
Response via : Initial Calibration

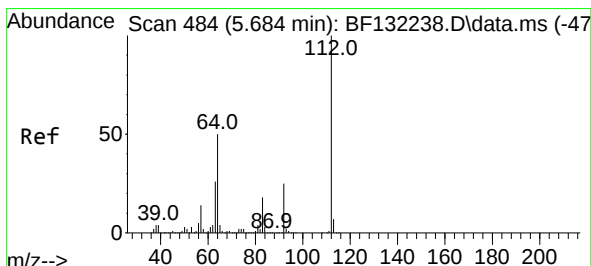
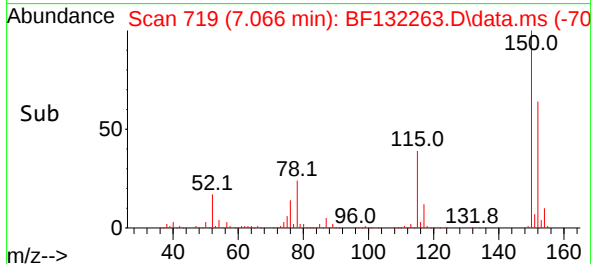
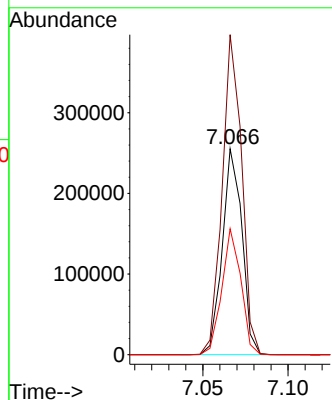
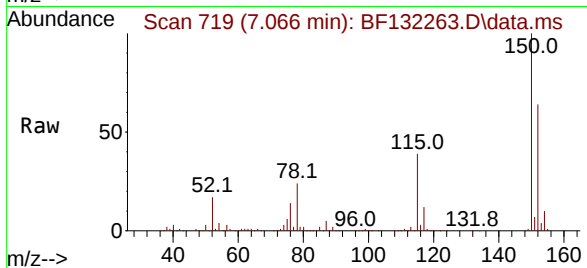




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.066 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132263.D
 Acq: 01 Feb 2023 16:44

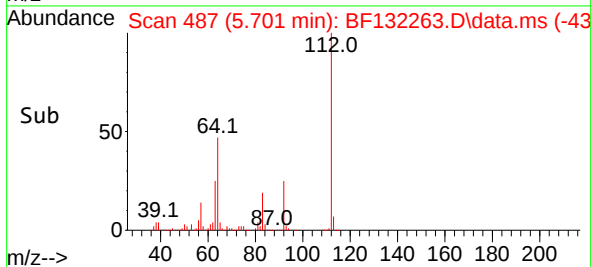
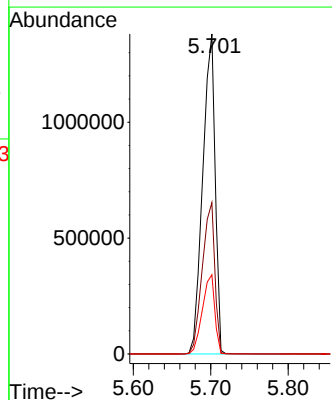
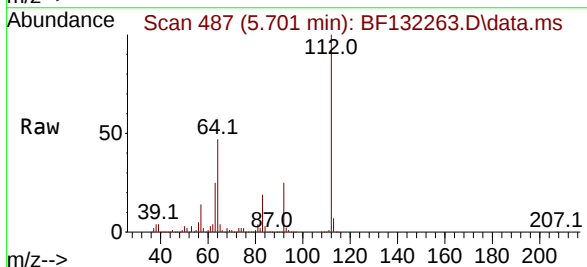
Instrument :
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 ClientSampleId :
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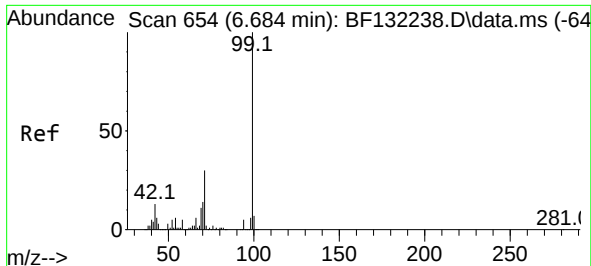
Tgt Ion:152 Resp: 204576
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.2 186.2
 115 61.1 47.3 70.9



#5
 2-Fluorophenol
 Concen: 121.016 ng
 RT: 5.701 min Scan# 487
 Delta R.T. 0.017 min
 Lab File: BF132263.D
 Acq: 01 Feb 2023 16:44

Tgt Ion:112 Resp: 1540187
 Ion Ratio Lower Upper
 112 100
 64 47.3 40.0 60.0
 63 24.7 20.5 30.7

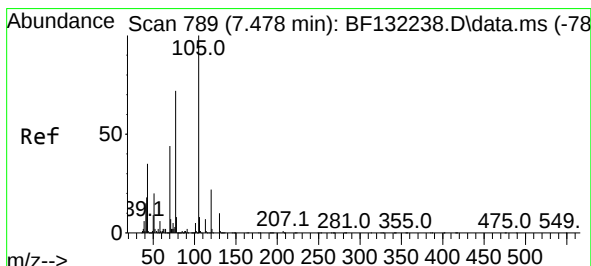
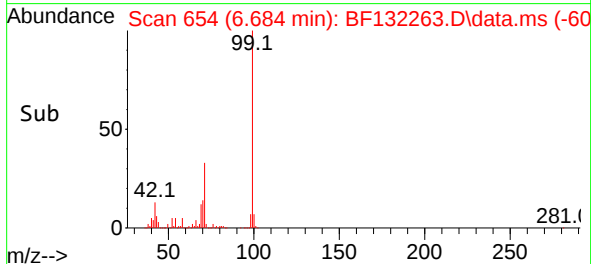
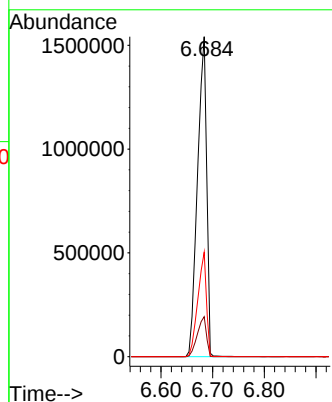
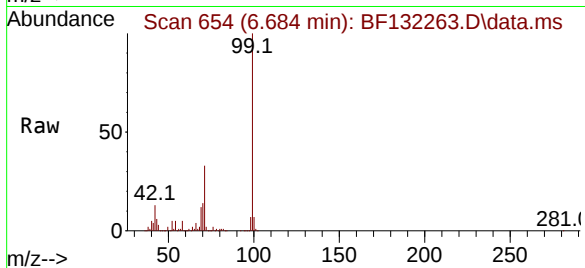




#7
Phenol-d6
Concen: 120.865 ng
RT: 6.684 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132263.D
Acq: 01 Feb 2023 16:44

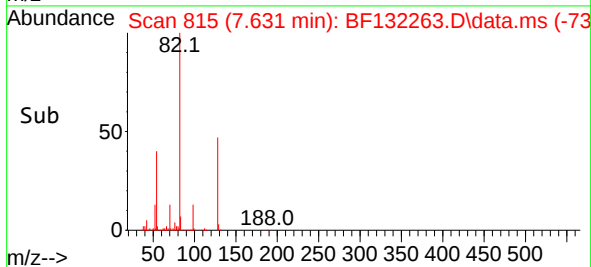
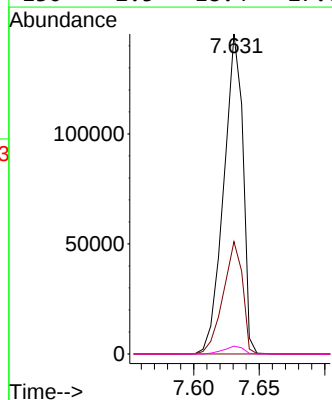
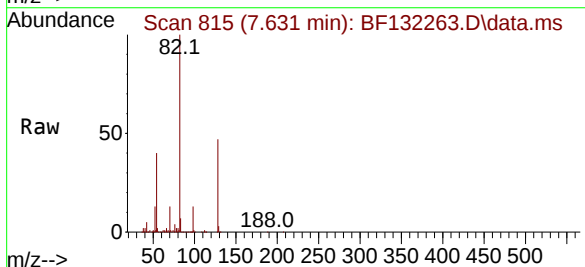
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BNA_F
ClientSampleId :
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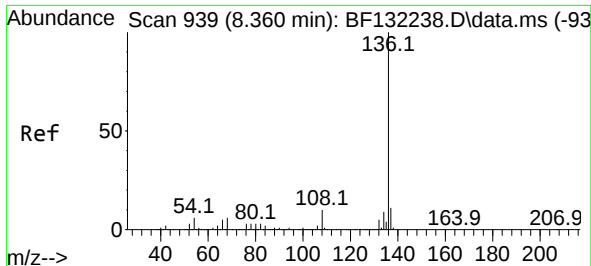
Tgt Ion: 99 Resp: 1896463
Ion Ratio Lower Upper
99 100
42 12.5 10.1 15.1
71 32.6 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.539 ng
RT: 7.631 min Scan# 815
Delta R.T. 0.153 min
Lab File: BF132263.D
Acq: 01 Feb 2023 16:44

Tgt Ion: 70 Resp: 147411
Ion Ratio Lower Upper
70 100
42 35.1 33.4 50.0
101 0.0 8.2 12.4#
130 2.5 18.4 27.6#

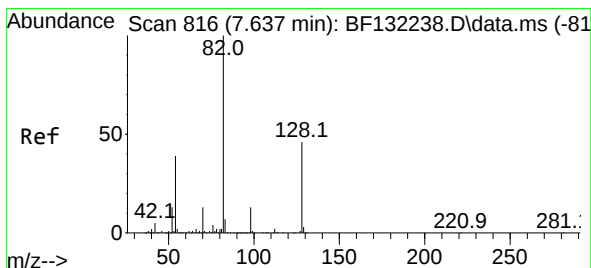
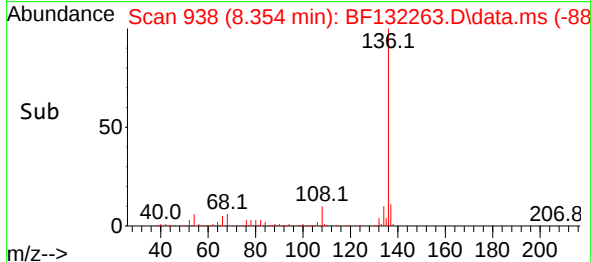
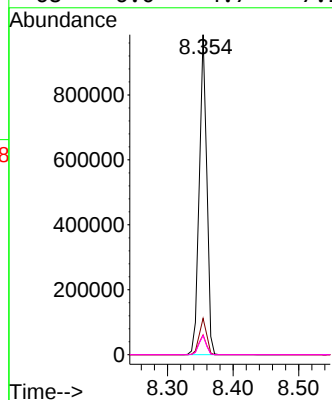
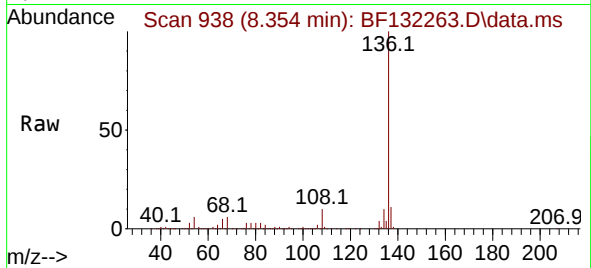




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.354 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132263.D
Acq: 01 Feb 2023 16:44

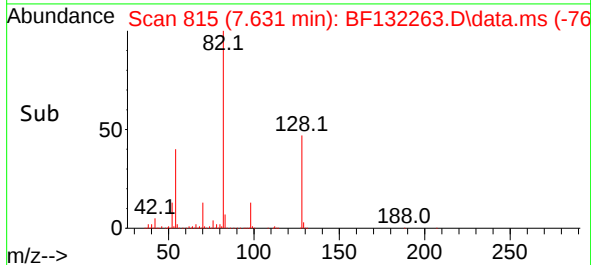
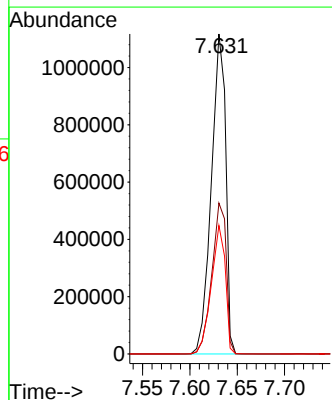
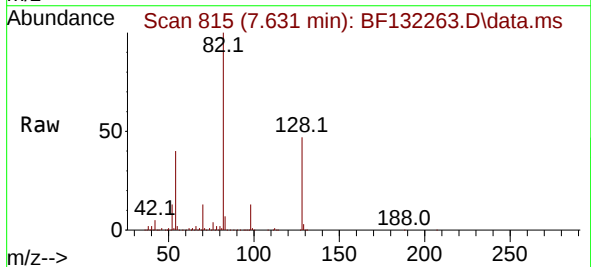
Instrument :
BNA_F
ClientSampleId :
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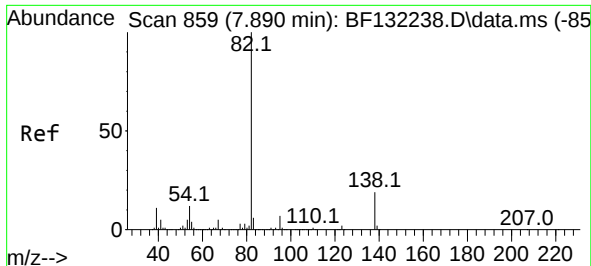
Tgt Ion:136 Resp: 788441
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 6.2 4.9 7.3
68 6.0 4.7 7.1



#23
Nitrobenzene-d5
Concen: 82.739 ng
RT: 7.631 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF132263.D
Acq: 01 Feb 2023 16:44

Tgt Ion: 82 Resp: 1172294
Ion Ratio Lower Upper
82 100
128 47.2 37.0 55.4
54 40.1 31.5 47.3

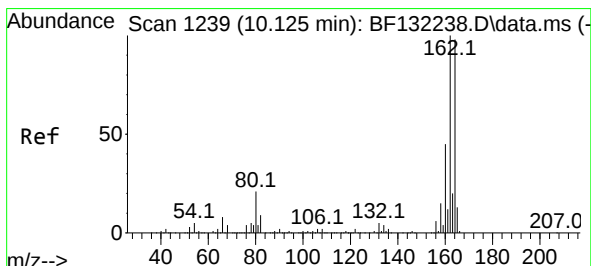
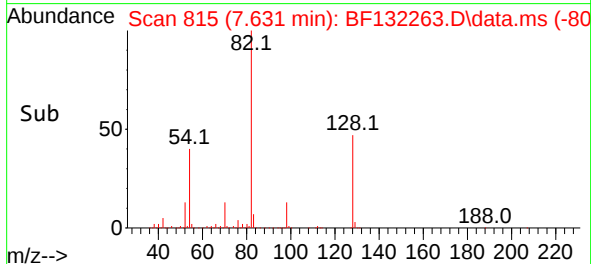
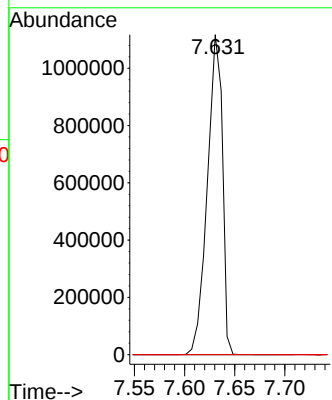
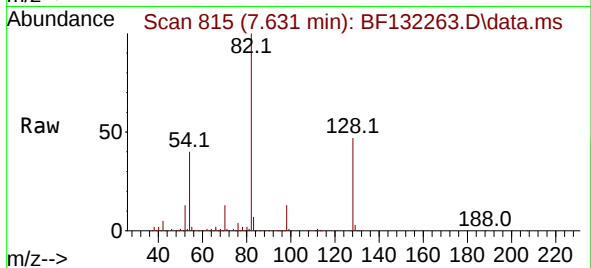




#25
Isophorone
Concen: 43.592 ng
RT: 7.631 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132263.D
Acq: 01 Feb 2023 16:44

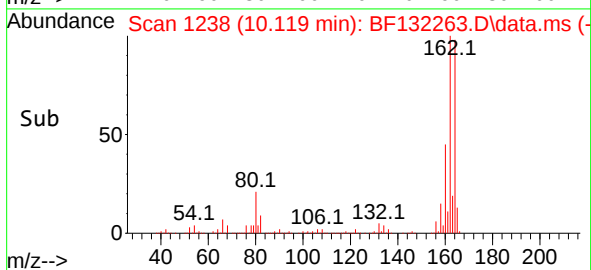
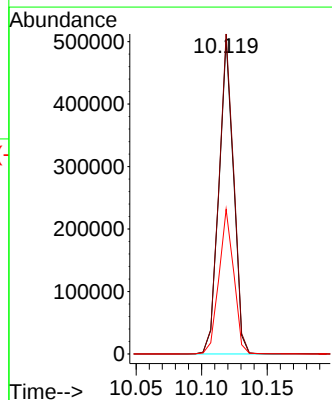
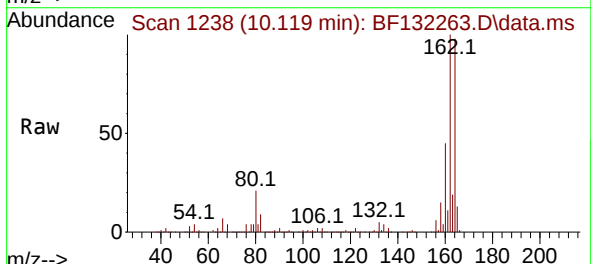
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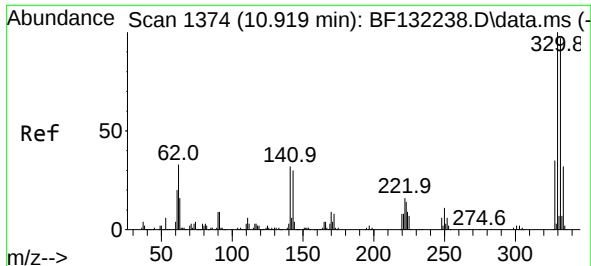
Tgt Ion: 82 Resp: 1172272
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF132263.D
Acq: 01 Feb 2023 16:44

Tgt Ion:164 Resp: 389439
Ion Ratio Lower Upper
164 100
162 101.7 82.0 123.0
160 46.0 37.1 55.7

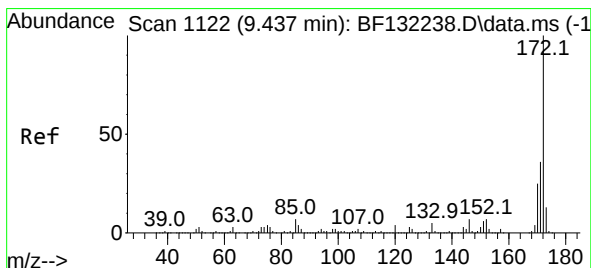
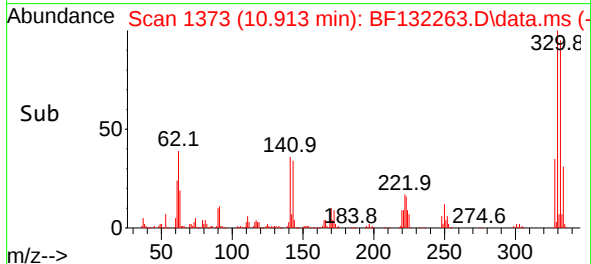
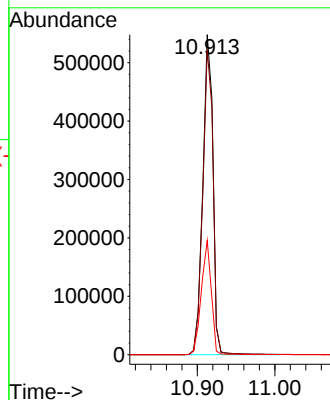
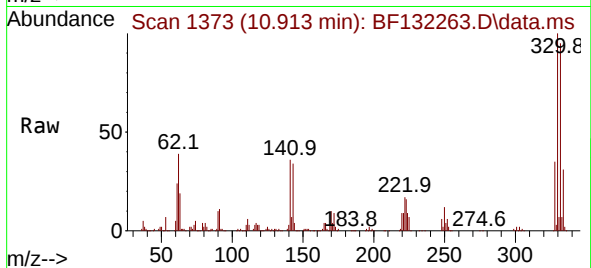




#42
2,4,6-Tribromophenol
Concen: 125.004 ng
RT: 10.913 min Scan# 111
Delta R.T. -0.006 min
Lab File: BF132263.D
Acq: 01 Feb 2023 16:44

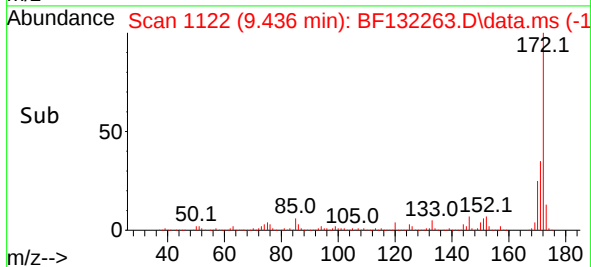
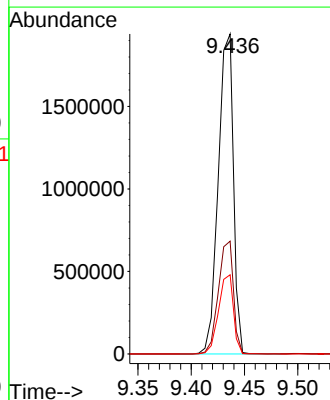
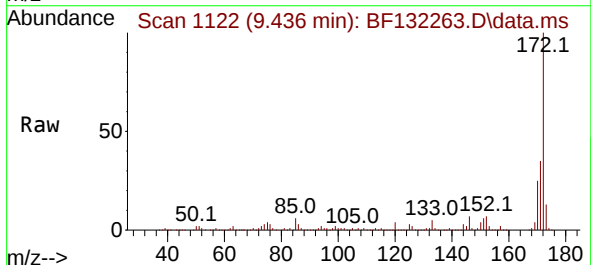
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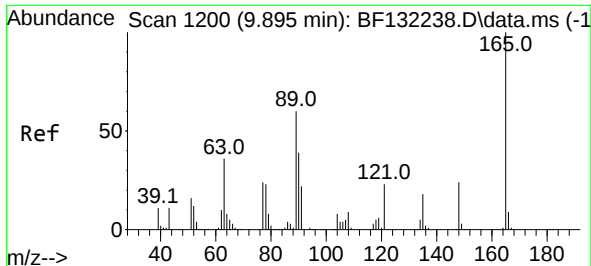
Tgt Ion:330 Resp: 500620
Ion Ratio Lower Upper
330 100
332 96.3 77.9 116.9
141 35.0 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 75.777 ng
RT: 9.436 min Scan# 1122
Delta R.T. -0.001 min
Lab File: BF132263.D
Acq: 01 Feb 2023 16:44

Tgt Ion:172 Resp: 1910987
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 24.8 19.7 29.5

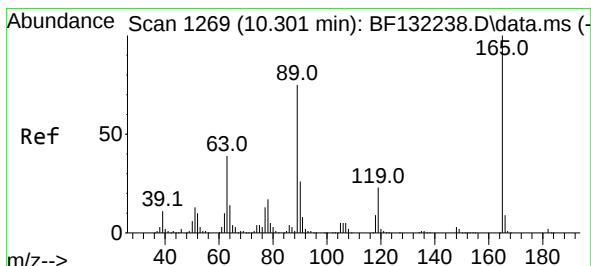
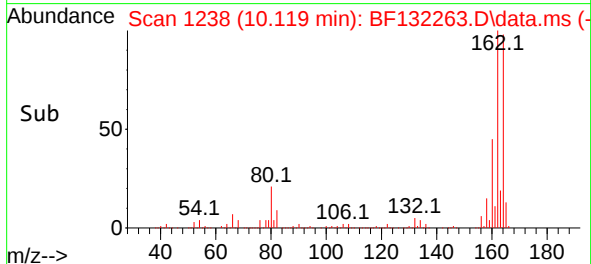
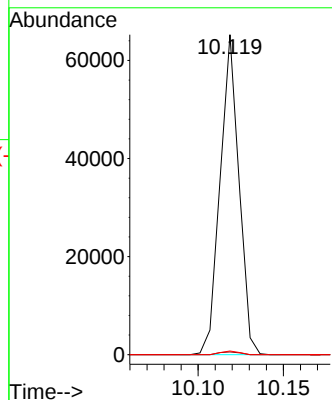
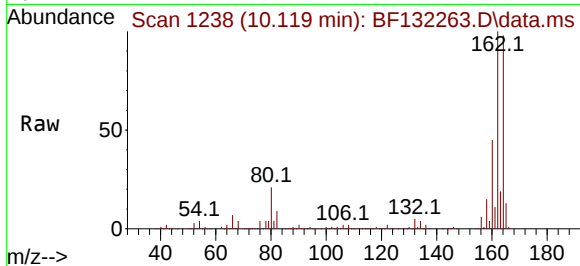




#51
2,6-Dinitrotoluene
Concen: 8.260 ng
RT: 10.119 min Scan# 1238
Delta R.T. 0.224 min
Lab File: BF132263.D
Acq: 01 Feb 2023 16:44

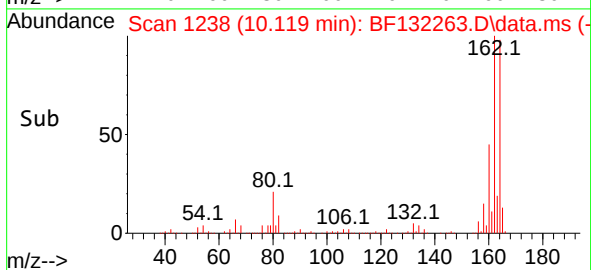
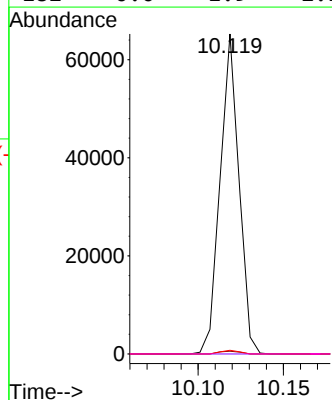
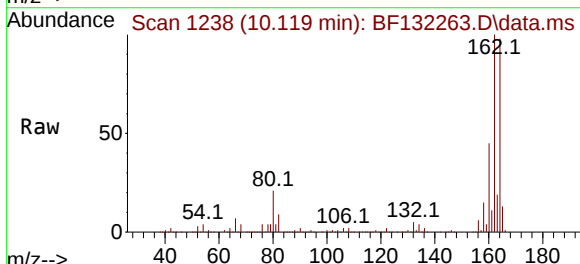
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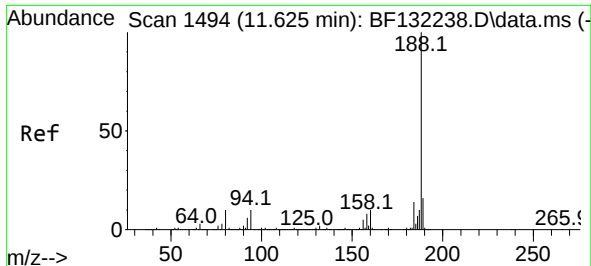
Tgt Ion:165 Resp: 50254
Ion Ratio Lower Upper
165 100
63 0.9 41.5 62.3#
89 1.2 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.359 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.183 min
Lab File: BF132263.D
Acq: 01 Feb 2023 16:44

Tgt Ion:165 Resp: 50254
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#

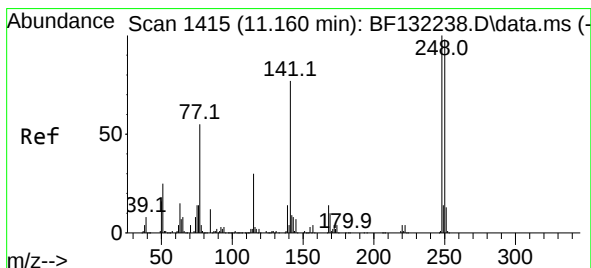
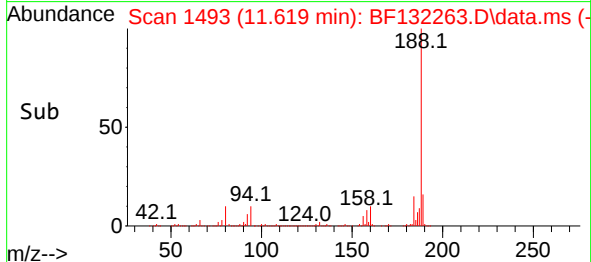
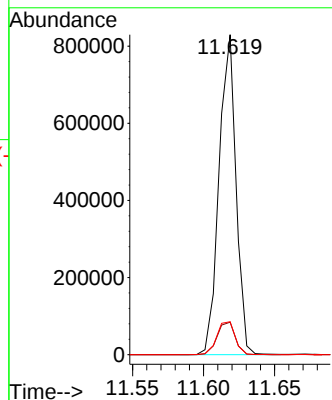
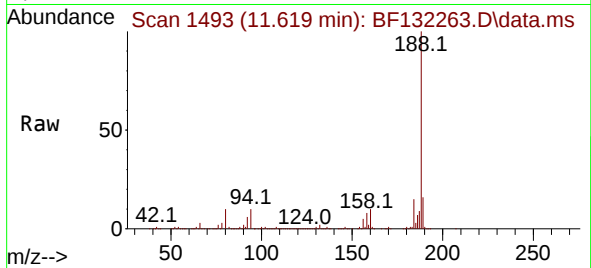




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.619 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF132263.D
Acq: 01 Feb 2023 16:44

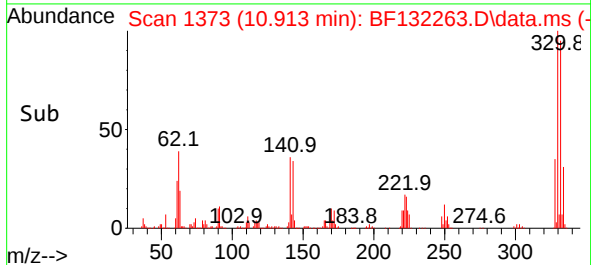
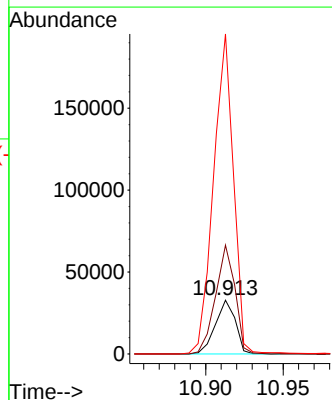
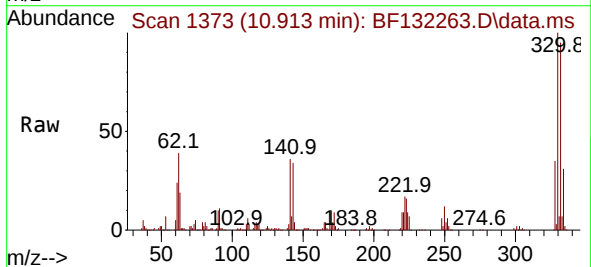
Instrument :
BNA_F
ClientSampleId :
PB150609TB

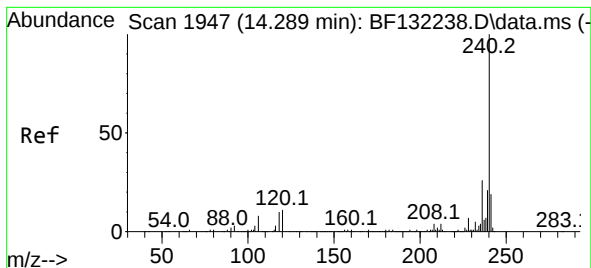
Tgt Ion:188 Resp: 688204
Ion Ratio Lower Upper
188 100
94 10.1 8.2 12.2
80 10.3 8.3 12.5



#67
4-Bromophenyl-phenylether
Concen: 4.187 ng
RT: 10.913 min Scan# 1373
Delta R.T. -0.247 min
Lab File: BF132263.D
Acq: 01 Feb 2023 16:44

Tgt Ion:248 Resp: 29505
Ion Ratio Lower Upper
248 100
250 202.1 78.6 117.8#
141 594.4 61.6 92.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.277 min Scan# 1945

Delta R.T. -0.012 min

Lab File: BF132263.D

Acq: 01 Feb 2023 16:44

Instrument :

BNA_F

ClientSampleId :

PB150609TB

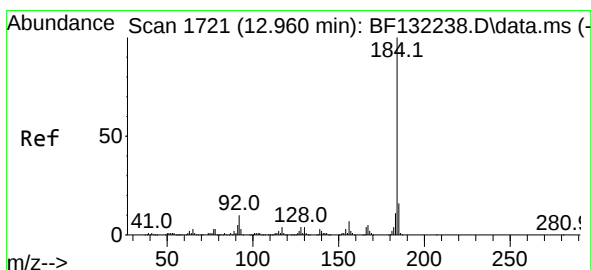
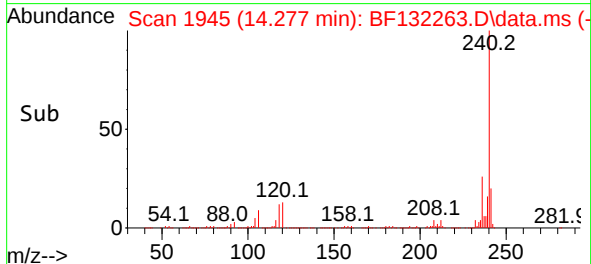
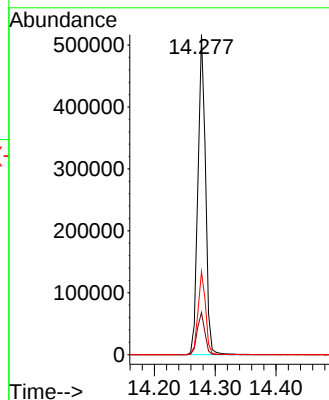
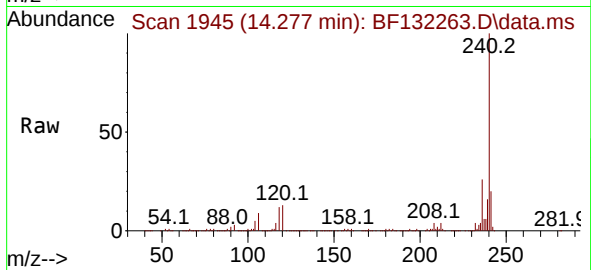
Tgt Ion:240 Resp: 448203

Ion Ratio Lower Upper

240 100

120 13.1 8.8 13.2

236 26.0 21.0 31.6



#77

Benzidine

Concen: 2.117 ng

RT: 13.213 min Scan# 1764

Delta R.T. 0.253 min

Lab File: BF132263.D

Acq: 01 Feb 2023 16:44

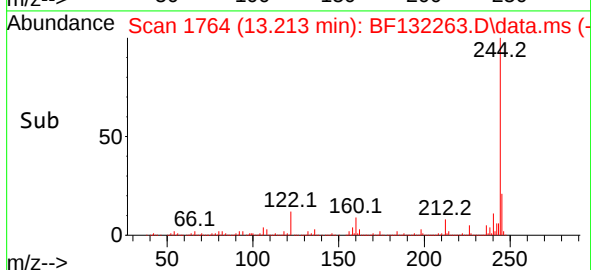
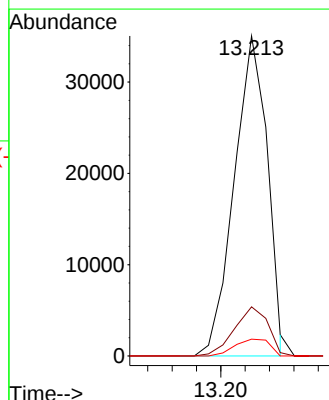
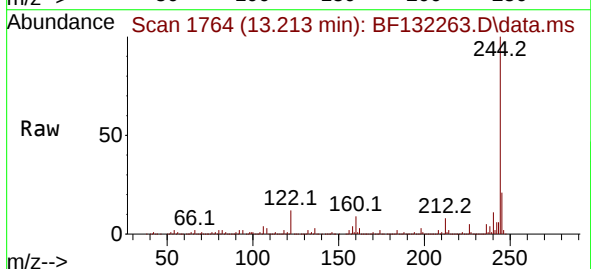
Tgt Ion:184 Resp: 33180

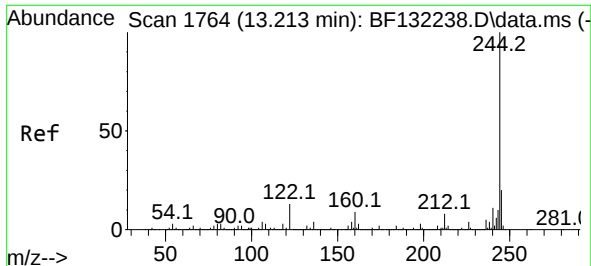
Ion Ratio Lower Upper

184 100

185 15.4 12.6 18.8

183 5.2 8.9 13.3#

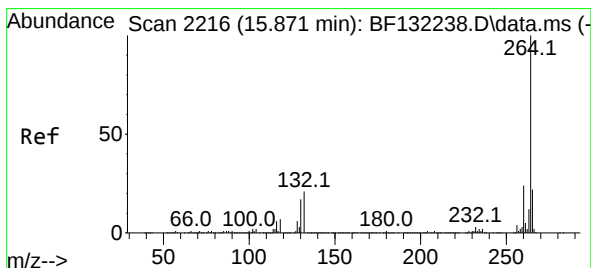
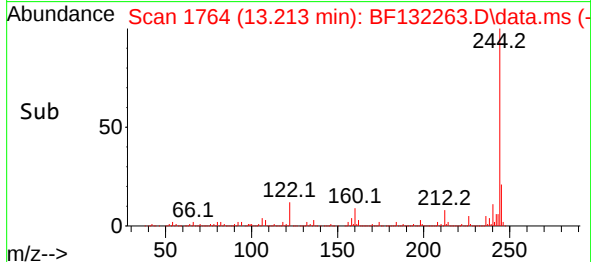
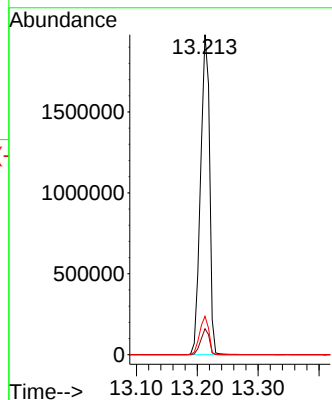
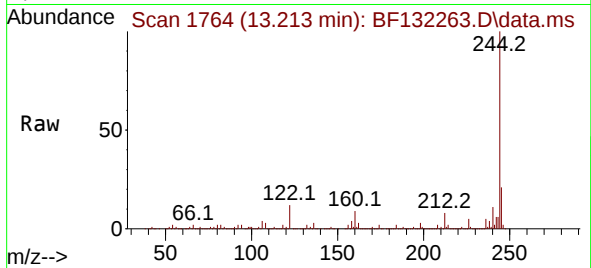




#79
 Terphenyl-d14
 Concen: 88.096 ng
 RT: 13.213 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF132263.D
 Acq: 01 Feb 2023 16:44

Instrument :
 BNA_F
 ClientSampleId :
 PB150609TB

Tgt Ion:244 Resp: 2041187
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.4 9.6
 122 12.0 10.5 15.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.865 min Scan# 2215
 Delta R.T. -0.006 min
 Lab File: BF132263.D
 Acq: 01 Feb 2023 16:44

Tgt Ion:264 Resp: 380888
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.4
 265 21.7 17.4 26.2

