

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011823\
 Data File : BF132133.D
 Acq On : 18 Jan 2023 23:15
 Operator : CG\JU
 Sample : 01186-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-UNK

Quant Time: Jan 19 05:24:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 00:42:19 2023
 Response via : Initial Calibration

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

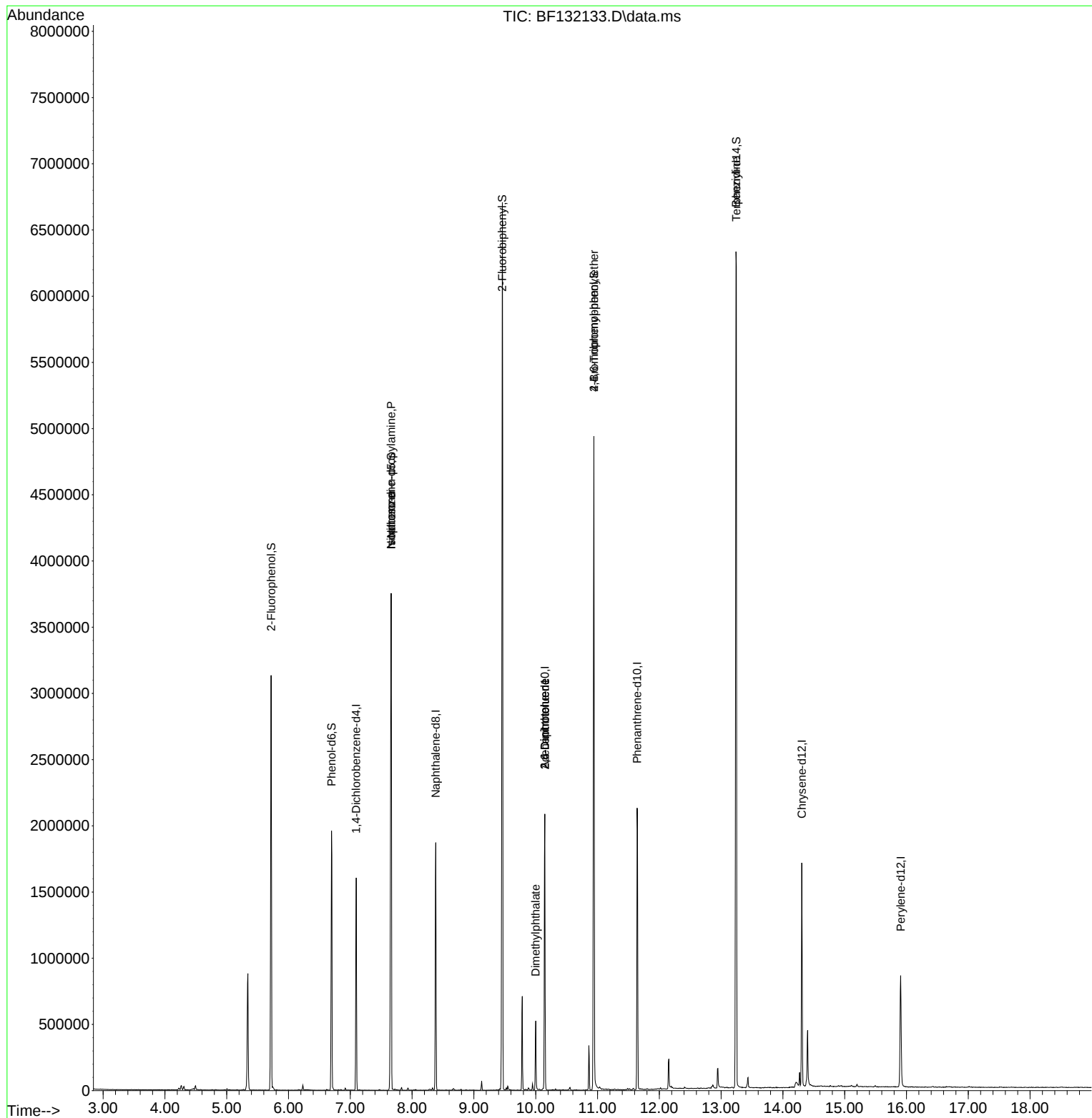
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.095	152	213950	20.000	ng	0.00
21) Naphthalene-d8	8.383	136	769623	20.000	ng	0.00
39) Acenaphthene-d10	10.148	164	415469	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	818949	20.000	ng	0.00
76) Chrysene-d12	14.307	240	543054	20.000	ng	0.00
86) Perylene-d12	15.906	264	429352	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.719	112	781242	64.965	ng	0.00
7) Phenol-d6	6.695	99	639959	41.193	ng	-0.02
23) Nitrobenzene-d5	7.660	82	1342502	92.591	ng	0.00
42) 2,4,6-Tribromophenol	10.942	330	635940	139.897	ng	0.00
45) 2-Fluorobiphenyl	9.460	172	2110236	88.372	ng	0.00
79) Terphenyl-d14	13.248	244	2563417	76.589	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.660	70	186050	19.049	ng	# 79
25) Isophorone	7.660	82	1340631	46.210	ng	# 66
50) Dimethylphthalate	10.001	163	114304	3.785	ng	# 95
51) 2,6-Dinitrotoluene	10.148	165	53941	8.396	ng	# 17
57) 2,4-Dinitrotoluene	10.148	165	53941	6.797	ng	# 16
67) 4-Bromophenyl-phenylether	10.942	248	40994	4.407	ng	# 1
77) Benzidine	13.242	184	42780	2.925	ng	# 93

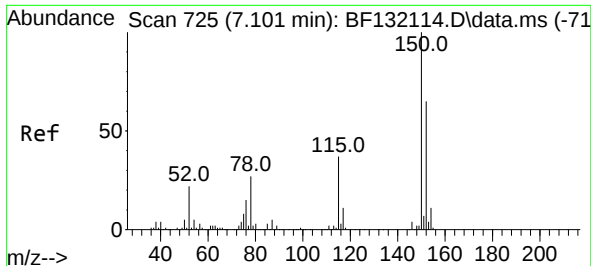
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011823\
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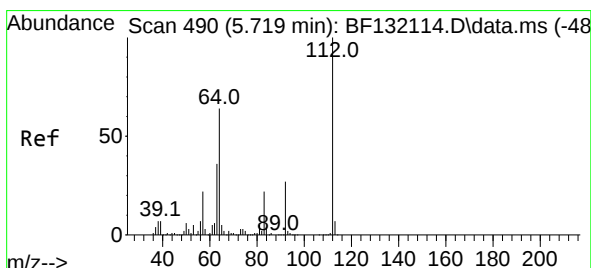
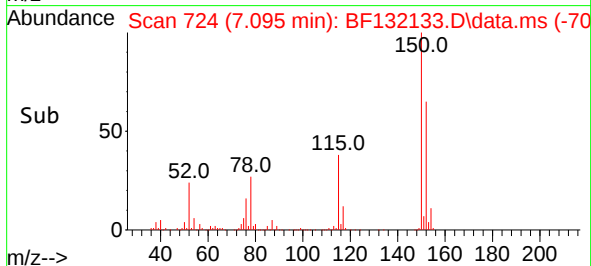
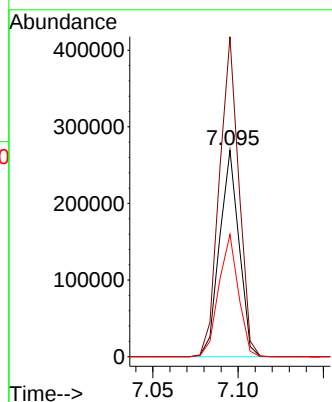
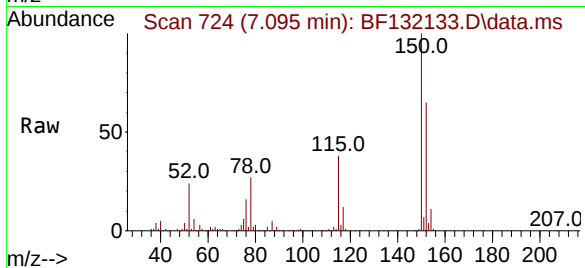




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.095 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132133.D
Acq: 18 Jan 2023 23:15

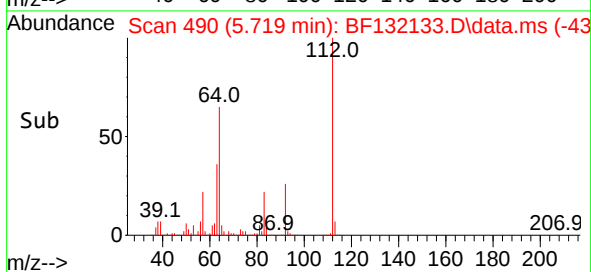
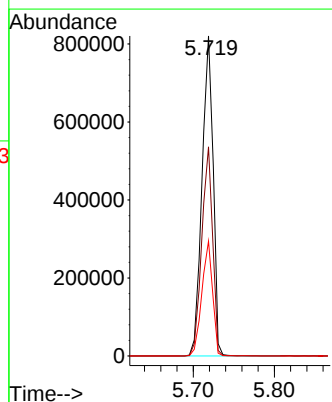
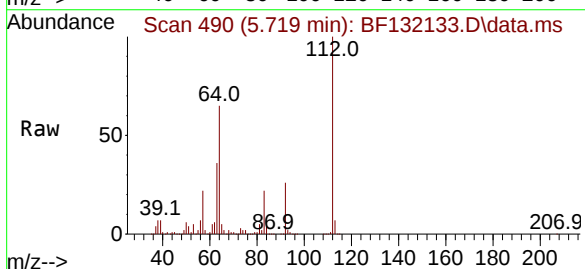
Instrument :
BNA_F
ClientSampleId :
MW-UNK

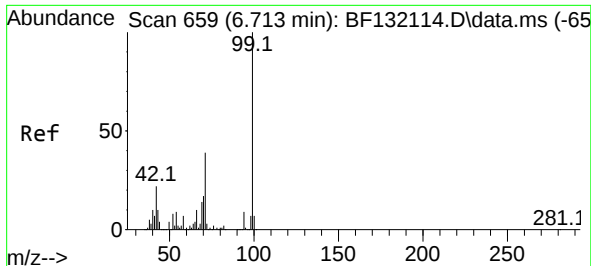
Tgt Ion:152 Resp: 213950
Ion Ratio Lower Upper
152 100
150 155.0 123.3 184.9
115 59.2 45.8 68.6



#5
2-Fluorophenol
Concen: 64.965 ng
RT: 5.719 min Scan# 490
Delta R.T. -0.000 min
Lab File: BF132133.D
Acq: 18 Jan 2023 23:15

Tgt Ion:112 Resp: 781242
Ion Ratio Lower Upper
112 100
64 65.4 51.0 76.6
63 35.9 28.7 43.1

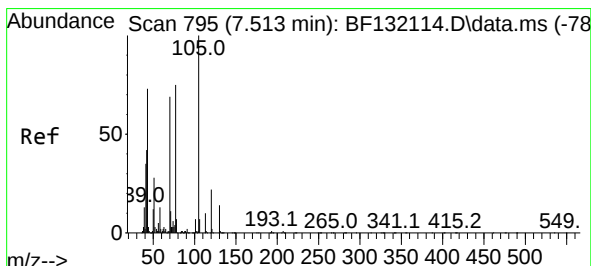
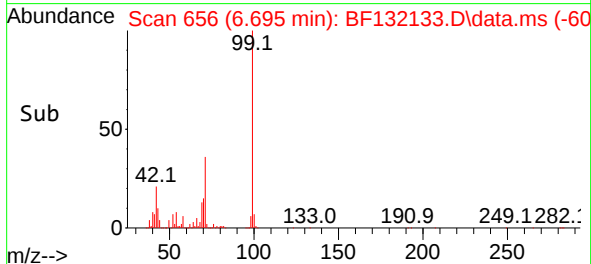
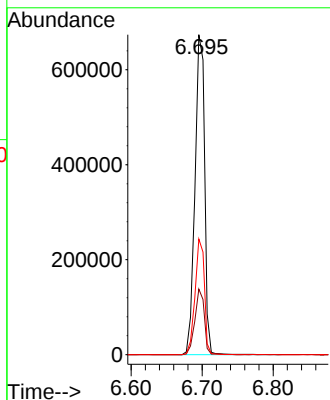
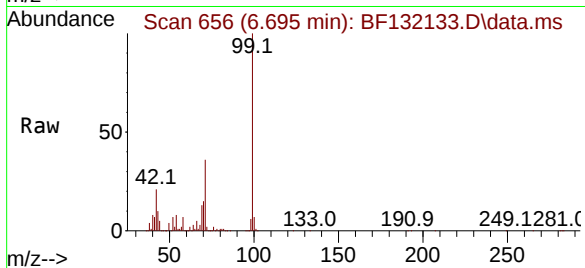




#7
Phenol-d6
Concen: 41.193 ng
RT: 6.695 min Scan# 61
Delta R.T. -0.018 min
Lab File: BF132133.D
Acq: 18 Jan 2023 23:15

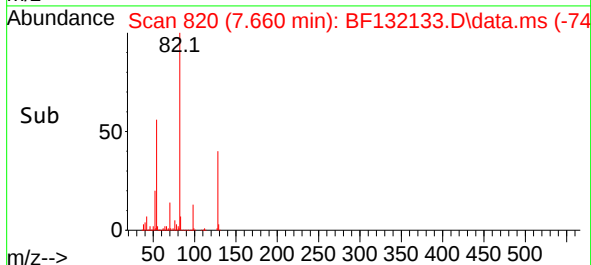
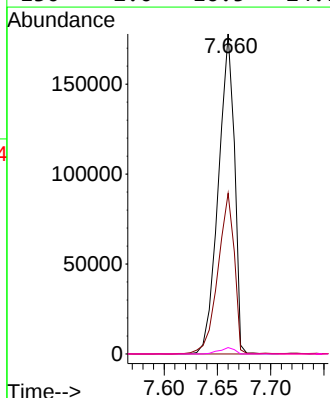
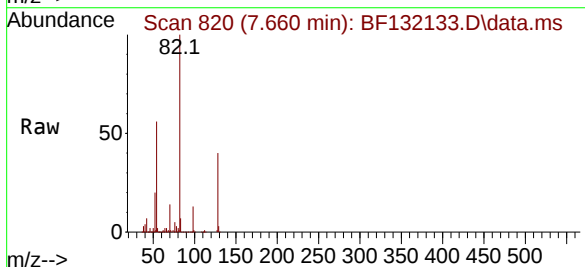
Instrument :
BNA_F
ClientSampleId :
MW-UNK

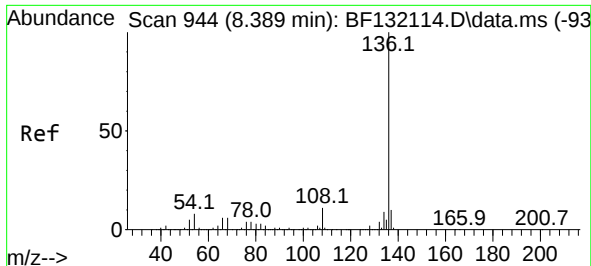
Tgt Ion: 99 Resp: 639959
Ion Ratio Lower Upper
99 100
42 20.5 17.2 25.8
71 36.2 31.0 46.6



#19
n-Nitroso-di-n-propylamine
Concen: 19.049 ng
RT: 7.660 min Scan# 820
Delta R.T. 0.147 min
Lab File: BF132133.D
Acq: 18 Jan 2023 23:15

Tgt Ion: 70 Resp: 186050
Ion Ratio Lower Upper
70 100
42 50.2 48.5 72.7
101 0.0 7.8 11.8#
130 2.0 16.5 24.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.383 min Scan# 944

Delta R.T. -0.006 min

Lab File: BF132133.D

Acq: 18 Jan 2023 23:15

Instrument :

BNA_F

ClientSampleId :

MW-UNK

Tgt Ion:136 Resp: 769623

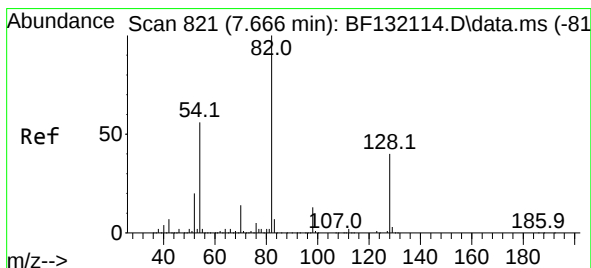
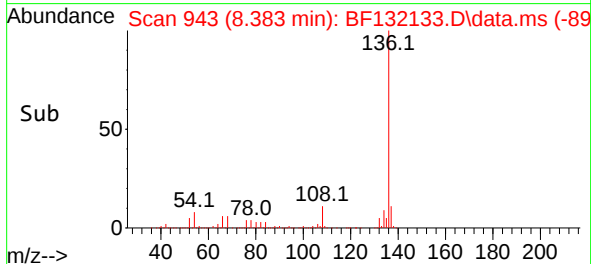
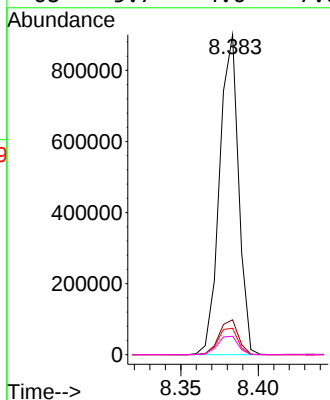
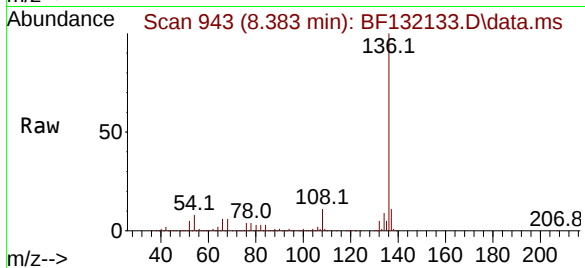
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 8.2 6.6 10.0

68 5.7 4.6 7.0



#23

Nitrobenzene-d5

Concen: 92.591 ng

RT: 7.660 min Scan# 820

Delta R.T. -0.006 min

Lab File: BF132133.D

Acq: 18 Jan 2023 23:15

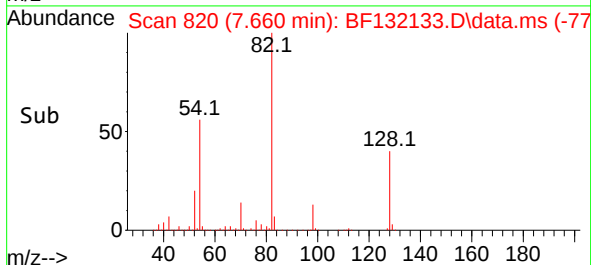
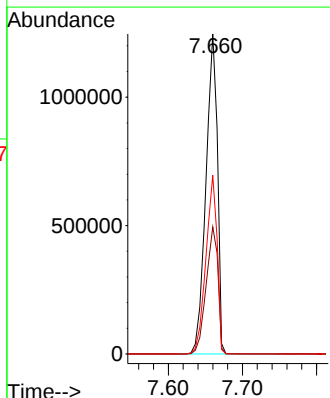
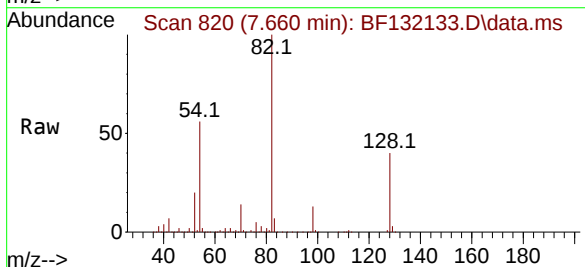
Tgt Ion: 82 Resp: 1342502

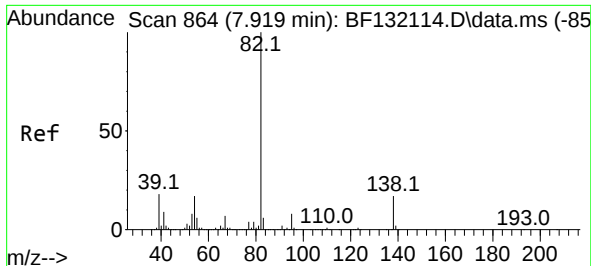
Ion Ratio Lower Upper

82 100

128 39.7 32.0 48.0

54 55.9 45.1 67.7

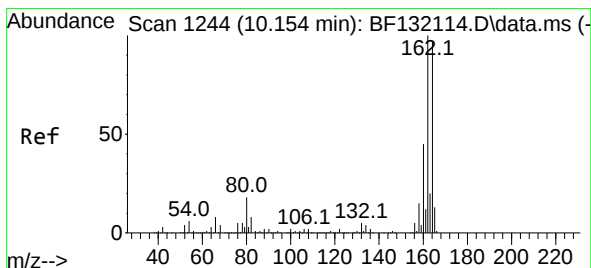
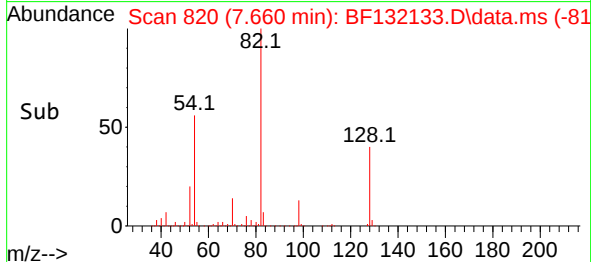
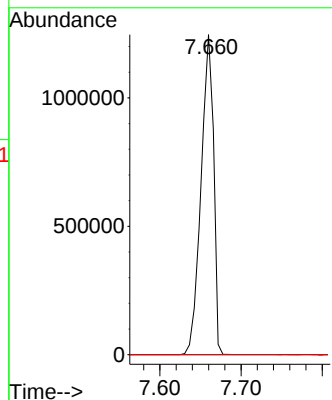
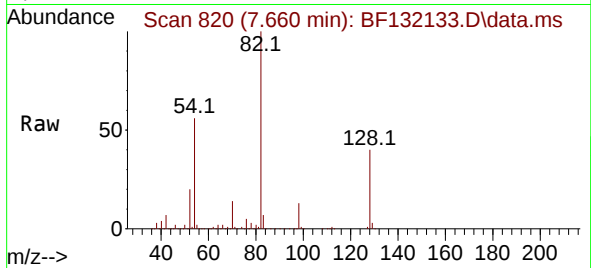




#25
Isophorone
Concen: 46.210 ng
RT: 7.660 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132133.D
Acq: 18 Jan 2023 23:15

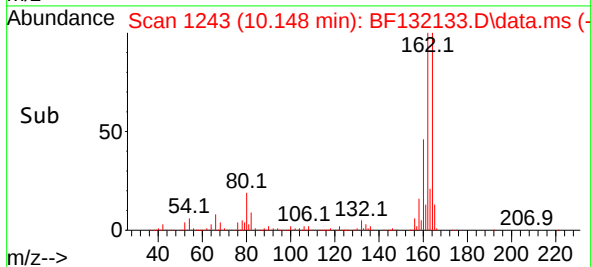
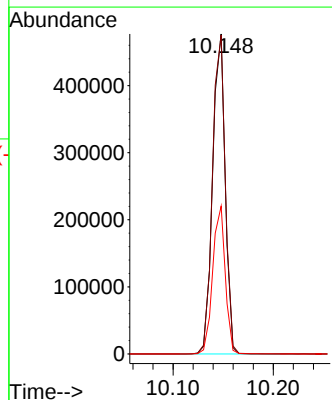
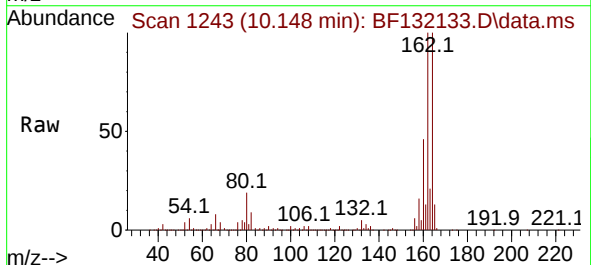
Instrument :
BNA_F
ClientSampleId :
MW-UNK

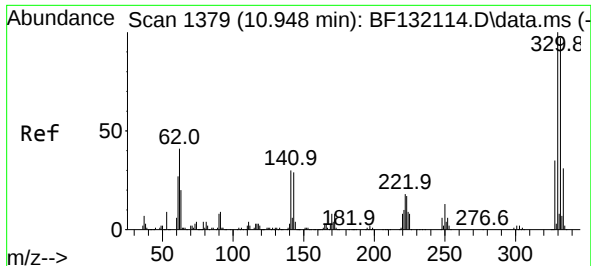
Tgt Ion: 82 Resp: 1340631
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.148 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BF132133.D
Acq: 18 Jan 2023 23:15

Tgt Ion:164 Resp: 415469
Ion Ratio Lower Upper
164 100
162 99.7 82.3 123.5
160 46.2 37.3 55.9





#42

2,4,6-Tribromophenol

Concen: 139.897 ng

RT: 10.942 min Scan# 1127

Delta R.T. -0.006 min

Lab File: BF132133.D

Acq: 18 Jan 2023 23:15

Instrument :

BNA_F

ClientSampleId :

MW-UNK

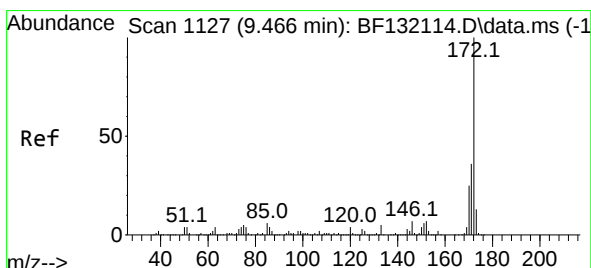
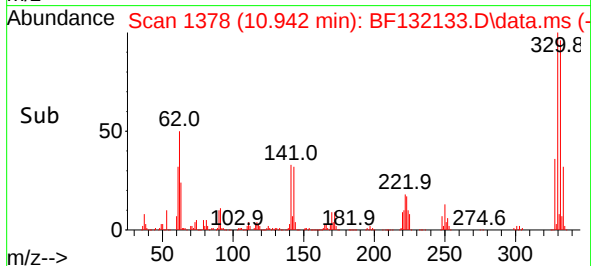
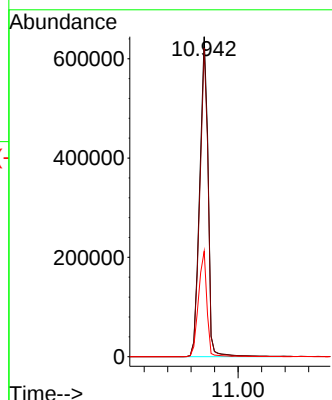
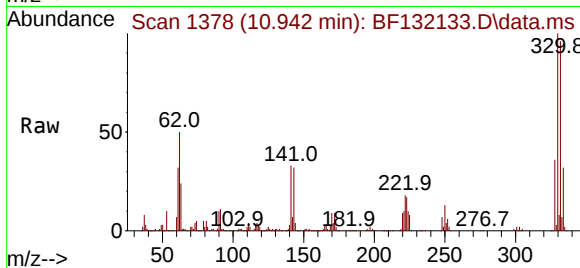
Tgt Ion:330 Resp: 635940

Ion Ratio Lower Upper

330 100

332 95.9 77.1 115.7

141 33.1 28.2 42.4



#45

2-Fluorobiphenyl

Concen: 88.372 ng

RT: 9.460 min Scan# 1126

Delta R.T. -0.006 min

Lab File: BF132133.D

Acq: 18 Jan 2023 23:15

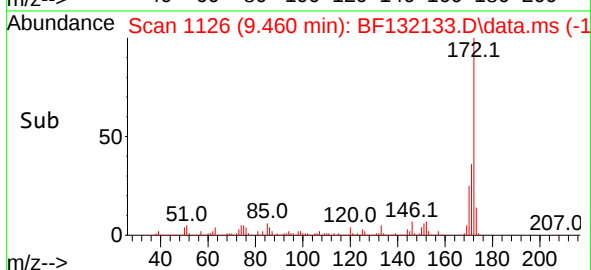
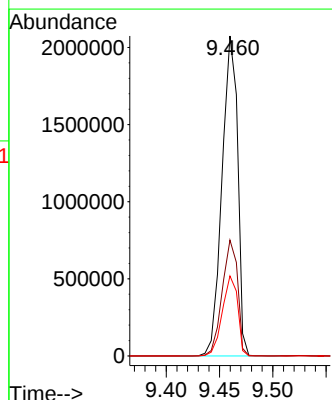
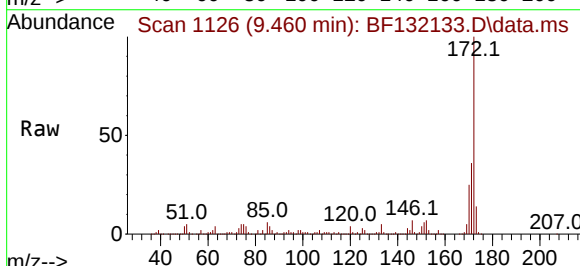
Tgt Ion:172 Resp: 2110236

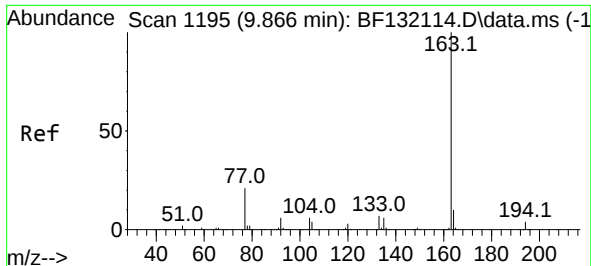
Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.4

170 25.0 19.7 29.5

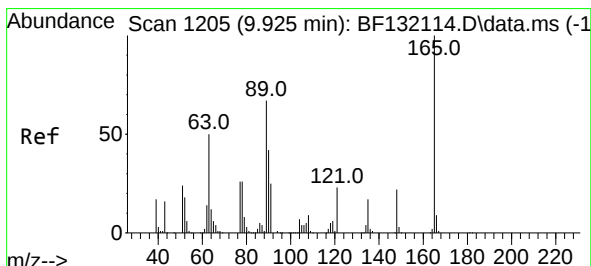
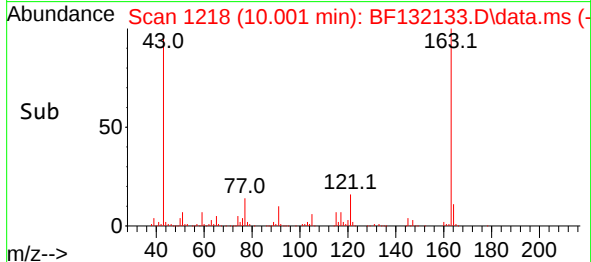
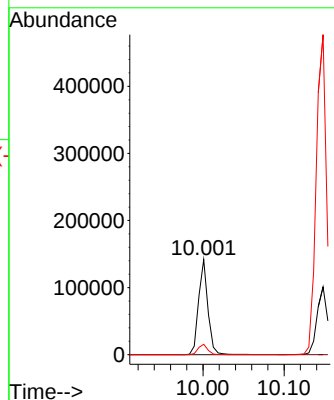
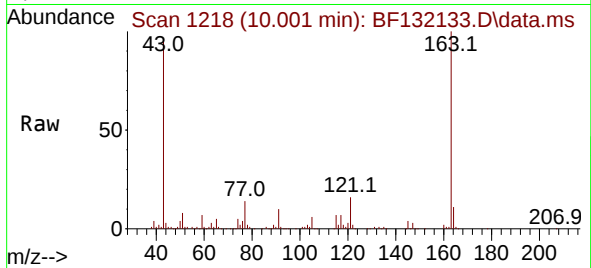




#50
Dimethylphthalate
Concen: 3.785 ng
RT: 10.001 min Scan# 1195
Delta R.T. 0.135 min
Lab File: BF132133.D
Acq: 18 Jan 2023 23:15

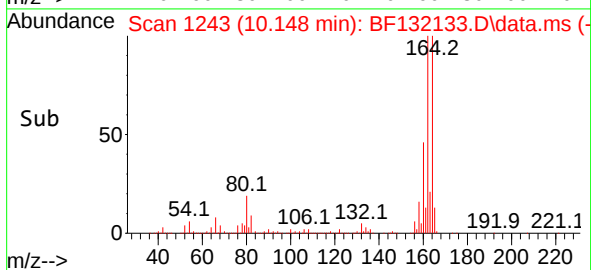
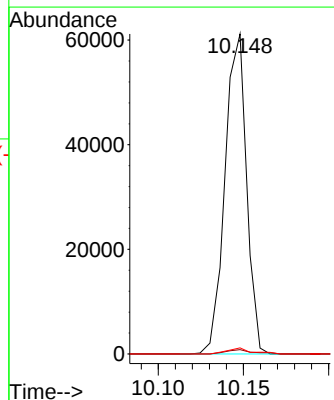
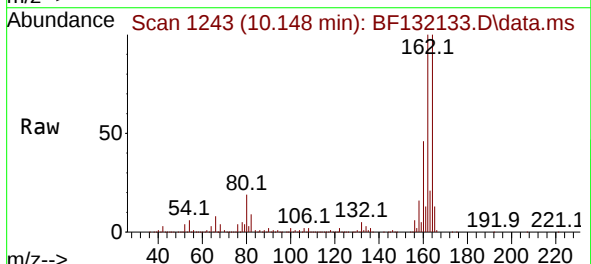
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MW-UNK

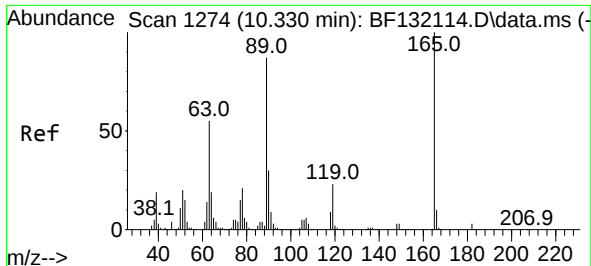
Tgt Ion:163 Resp: 114304
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 11.0 8.3 12.5



#51
2,6-Dinitrotoluene
Concen: 8.396 ng
RT: 10.148 min Scan# 1243
Delta R.T. 0.223 min
Lab File: BF132133.D
Acq: 18 Jan 2023 23:15

Tgt Ion:165 Resp: 53941
Ion Ratio Lower Upper
165 100
63 1.3 57.0 85.4#
89 1.9 54.0 81.0#

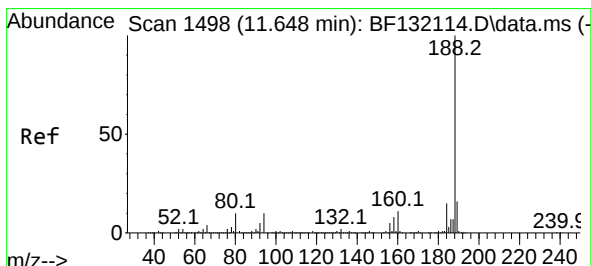
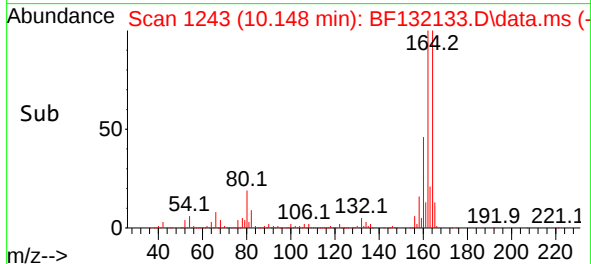
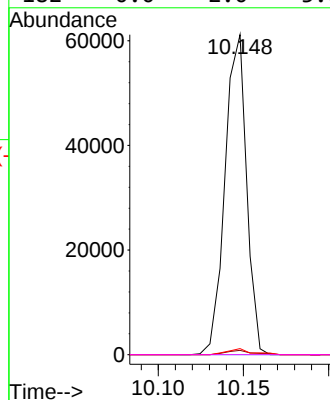
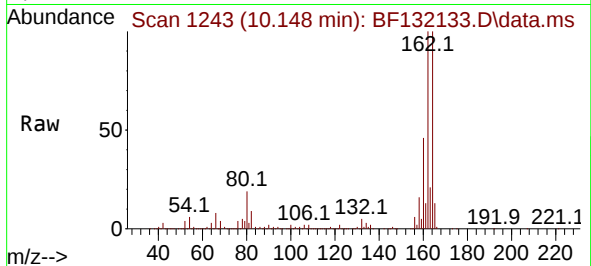




#57
2,4-Dinitrotoluene
Concen: 6.797 ng
RT: 10.148 min Scan# 11
Delta R.T. -0.182 min
Lab File: BF132133.D
Acq: 18 Jan 2023 23:15

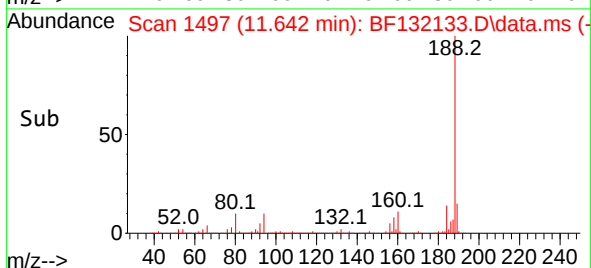
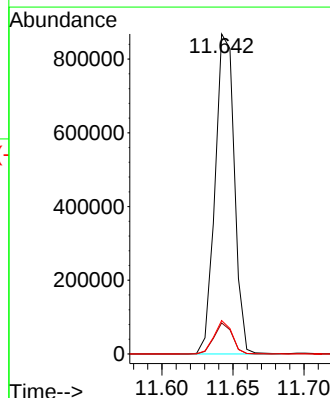
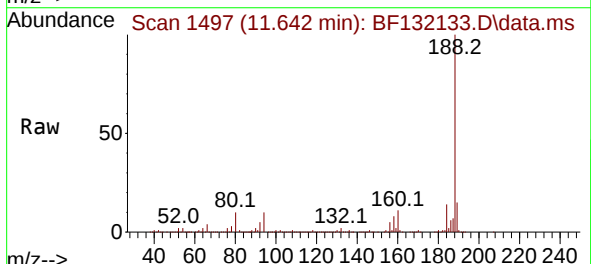
Instrument :
BNA_F
ClientSampleId :
MW-UNK

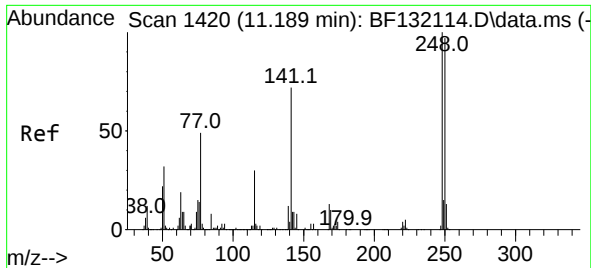
Tgt Ion:165 Resp: 53941
Ion Ratio Lower Upper
165 100
63 1.3 44.1 66.1#
89 1.9 69.3 103.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.642 min Scan# 1497
Delta R.T. -0.006 min
Lab File: BF132133.D
Acq: 18 Jan 2023 23:15

Tgt Ion:188 Resp: 818949
Ion Ratio Lower Upper
188 100
94 9.7 7.8 11.6
80 10.5 8.2 12.4

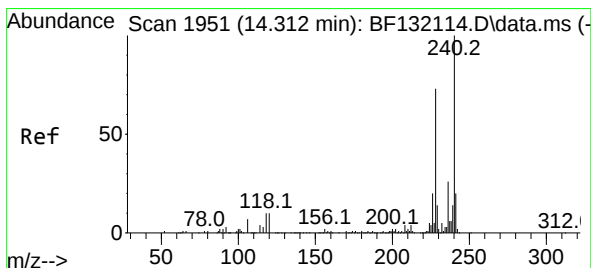
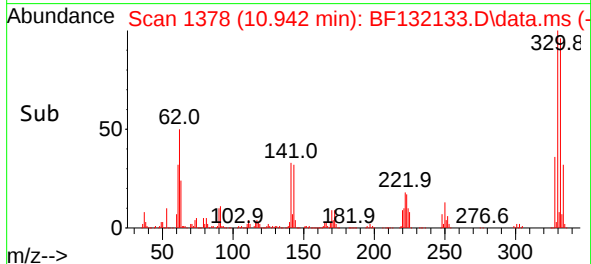
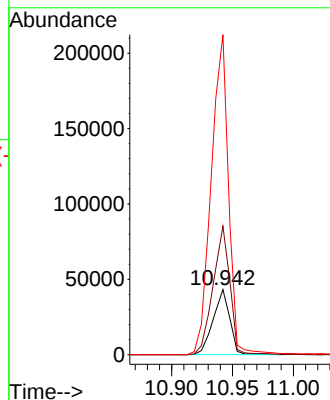
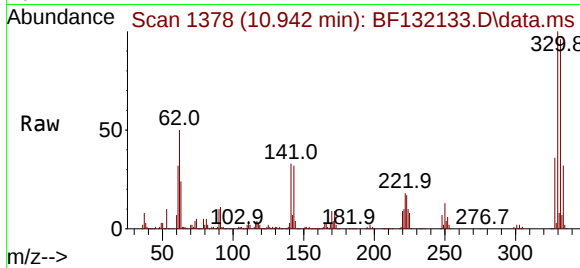




#67
4-Bromophenyl-phenylether
Concen: 4.407 ng
RT: 10.942 min Scan# 11
Delta R.T. -0.247 min
Lab File: BF132133.D
Acq: 18 Jan 2023 23:15

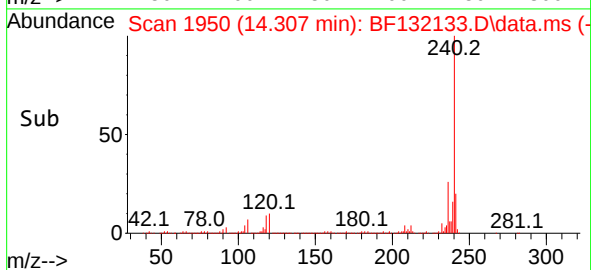
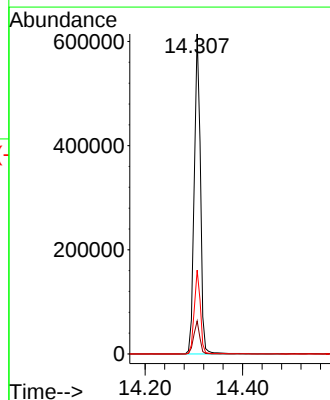
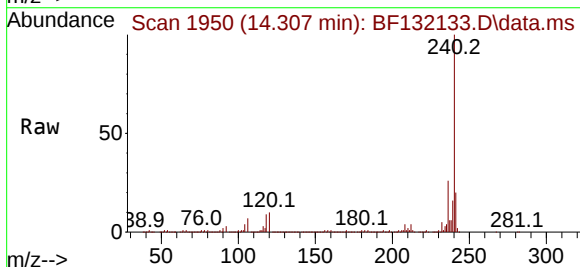
Instrument :
BNA_F
ClientSampleId :
MW-UNK

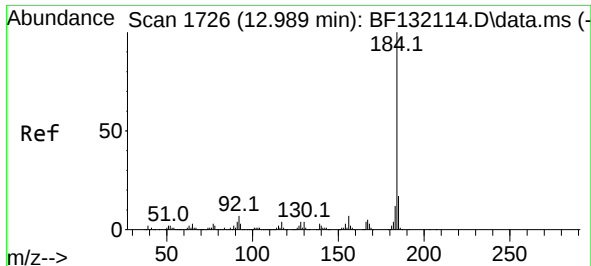
Tgt Ion:248 Resp: 40994
Ion Ratio Lower Upper
248 100
250 197.5 77.8 116.8#
141 491.6 57.6 86.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.307 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BF132133.D
Acq: 18 Jan 2023 23:15

Tgt Ion:240 Resp: 543054
Ion Ratio Lower Upper
240 100
120 10.3 8.2 12.4
236 26.2 21.2 31.8

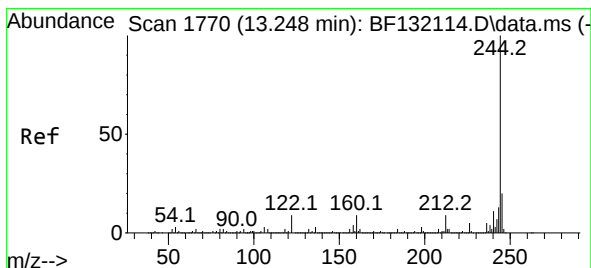
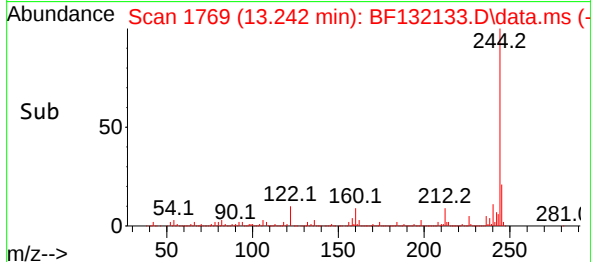
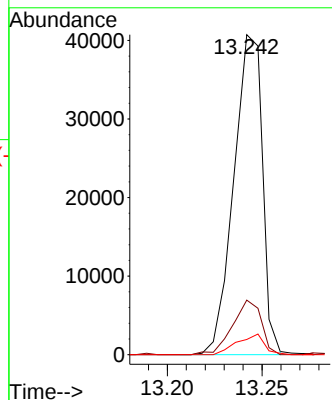
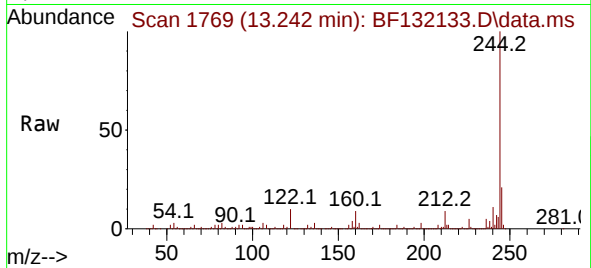




#77
Benzidine
Concen: 2.925 ng
RT: 13.242 min Scan# 1769
Delta R.T. 0.253 min
Lab File: BF132133.D
Acq: 18 Jan 2023 23:15

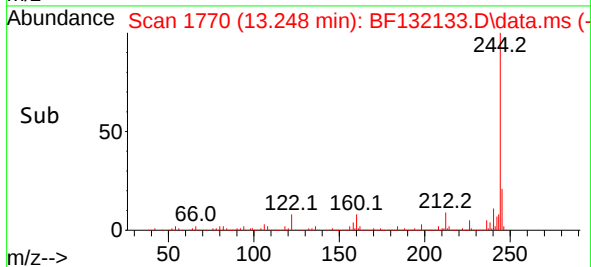
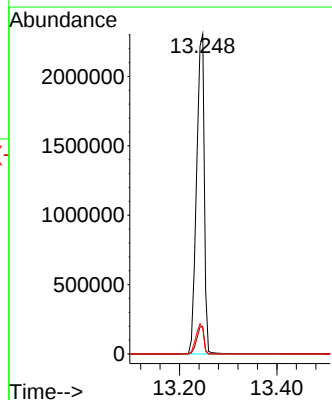
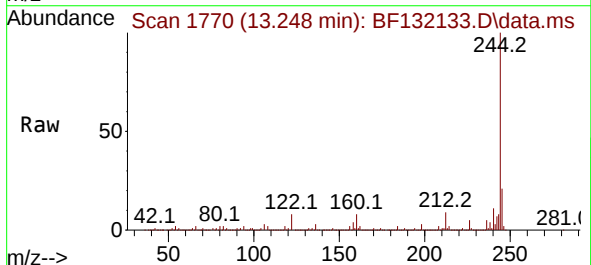
Instrument :
BNA_F
ClientSampleId :
MW-UNK

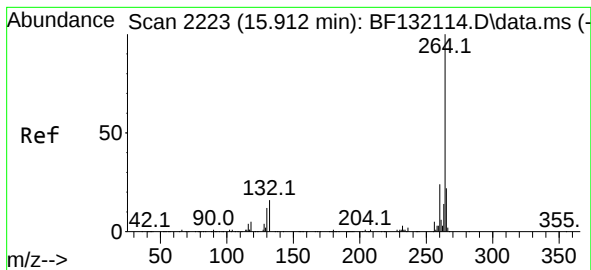
Tgt Ion:184 Resp: 42780
Ion Ratio Lower Upper
184 100
185 17.1 13.7 20.5
183 4.8 9.4 14.0#



#79
Terphenyl-d14
Concen: 76.589 ng
RT: 13.248 min Scan# 1770
Delta R.T. -0.000 min
Lab File: BF132133.D
Acq: 18 Jan 2023 23:15

Tgt Ion:244 Resp: 2563417
Ion Ratio Lower Upper
244 100
212 8.6 6.9 10.3
122 8.0 7.0 10.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.906 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF132133.D

Acq: 18 Jan 2023 23:15

Instrument :

BNA_F

ClientSampleId :

MW-UNK

Tgt Ion:264 Resp: 429352

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

265 22.2 17.5 26.3

