

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051222\
 Data File : BF128223.D
 Acq On : 12 May 2022 19:02
 Operator : CG\JU
 Sample : N2804-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FETWP-4

Quant Time: May 13 05:15:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 15:30:11 2022
 Response via : Initial Calibration

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

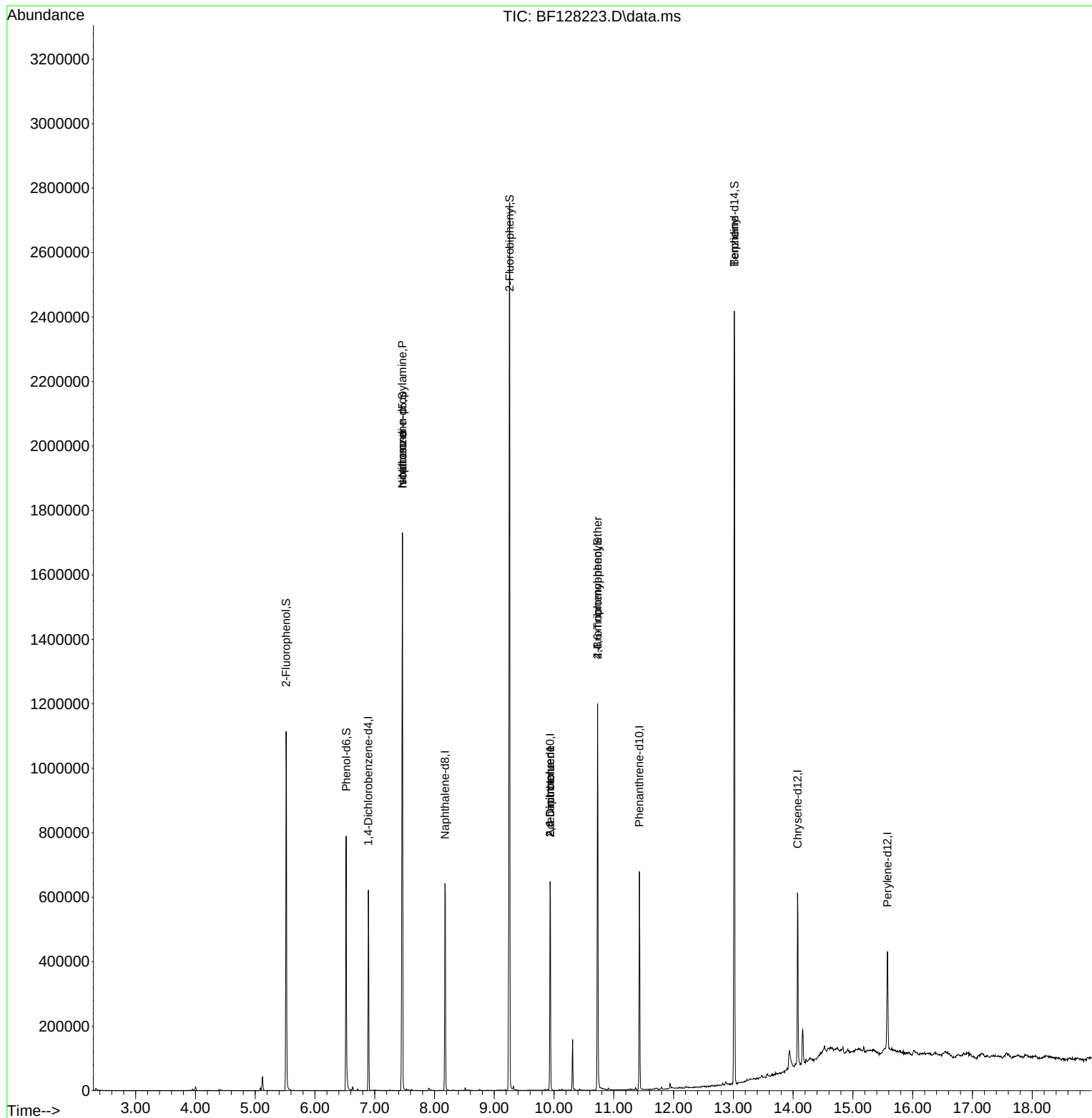
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	80997	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	288096	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	140986	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	235047	20.000	ng	0.00
76) Chrysene-d12	14.074	240	188684	20.000	ng	0.00
86) Perylene-d12	15.580	264	145018	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	273244	53.778	ng	0.00
7) Phenol-d6	6.522	99	224165	33.356	ng	0.00
23) Nitrobenzene-d5	7.463	82	605575	94.582	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	139902	86.523	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	903559	100.279	ng	0.00
79) Terphenyl-d14	13.016	244	871552	86.674	ng	0.00
Target Compounds						
9) Benzaldehyde	6.451	77	61	Below Cal	Qvalue	# 3
19) n-Nitroso-di-n-propyla...	7.463	70	83507	20.178	ng	# 79
25) Isophorone	7.463	82	605567	60.329	ng	# 68
51) 2,6-Dinitrotoluene	9.934	165	17819	8.928	ng	# 22
57) 2,4-Dinitrotoluene	9.934	165	17819	6.677	ng	# 27
67) 4-Bromophenyl-phenylether	10.728	248	8624	3.410	ng	# 1
77) Benzidine	13.016	184	13260	3.245	ng	# 93

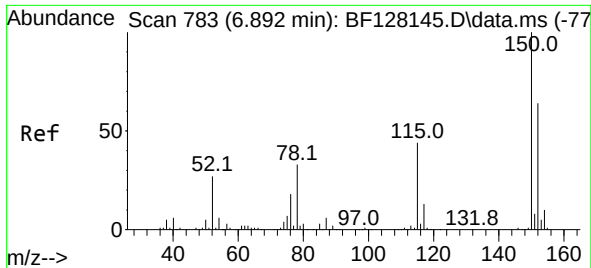
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051222\
Data File : BF128223.D
Acq On : 12 May 2022 19:02
Operator : CG\JU
Sample : N2804-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FETWP-4

Quant Time: May 13 05:15:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 15:30:11 2022
Response via : Initial Calibration

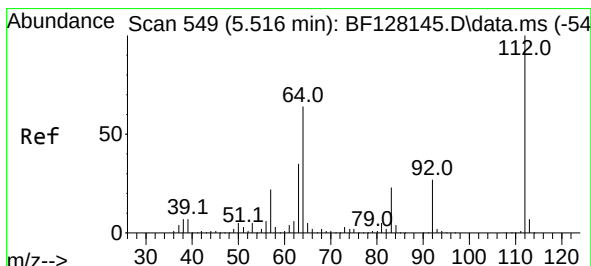
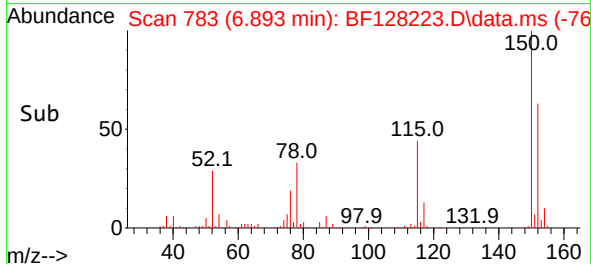
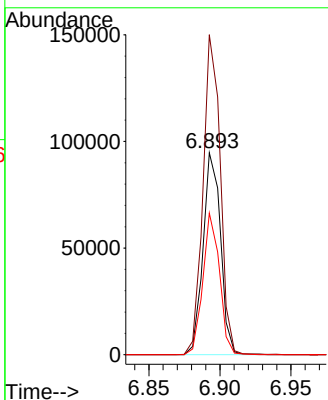
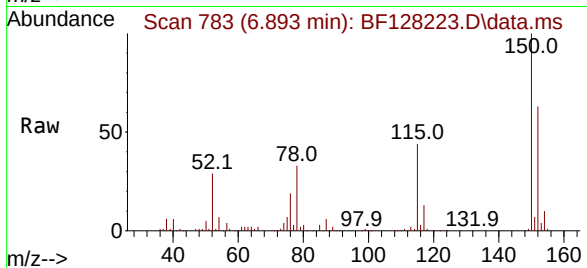




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF128223.D
Acq: 12 May 2022 19:02

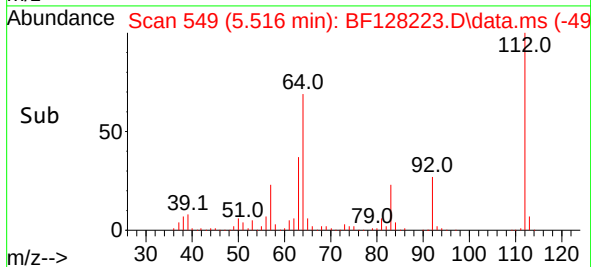
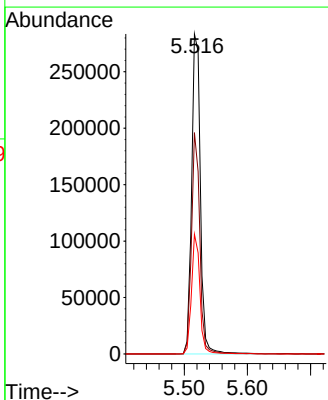
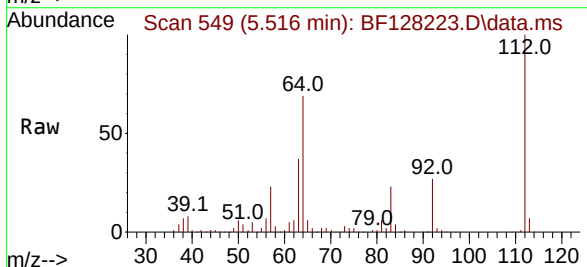
Instrument :
BNA_F
ClientSampleId :
FETWP-4

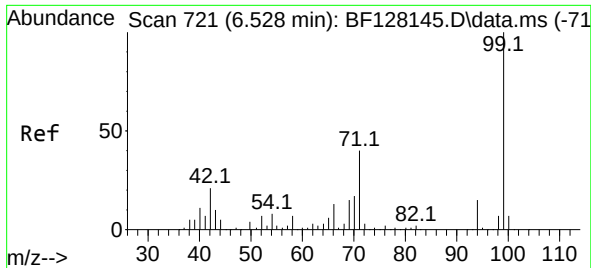
Tgt Ion:152 Resp: 80997
Ion Ratio Lower Upper
152 100
150 158.5 125.3 187.9
115 70.2 48.8 73.2



#5
2-Fluorophenol
Concen: 53.778 ng
RT: 5.516 min Scan# 549
Delta R.T. 0.000 min
Lab File: BF128223.D
Acq: 12 May 2022 19:02

Tgt Ion:112 Resp: 273244
Ion Ratio Lower Upper
112 100
64 69.2 49.5 74.3
63 37.4 26.3 39.5

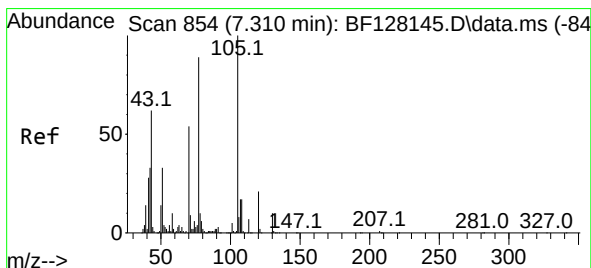
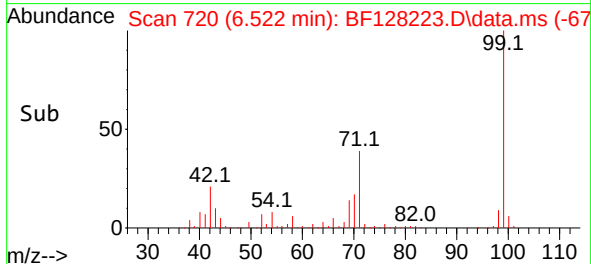
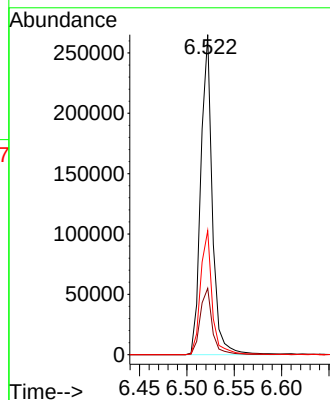
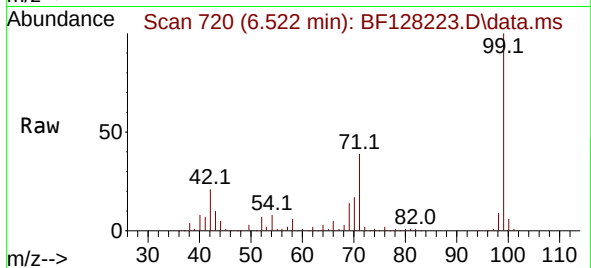




#7
Phenol-d6
Concen: 33.356 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128223.D
Acq: 12 May 2022 19:02

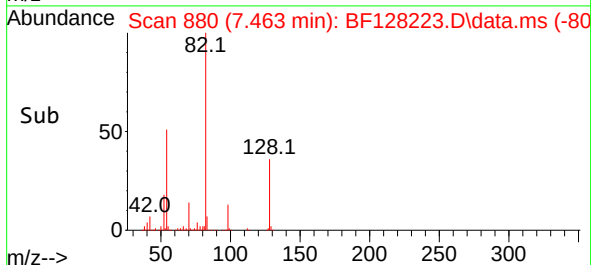
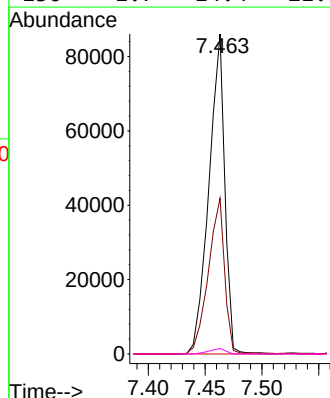
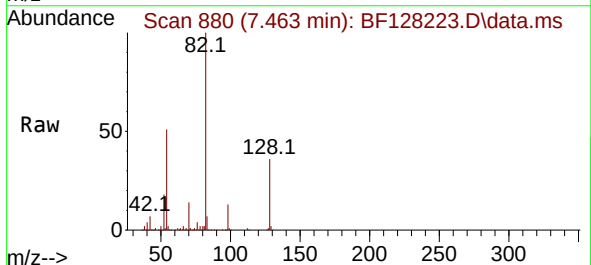
Instrument :
BNA_F
ClientSampleId :
FETWP-4

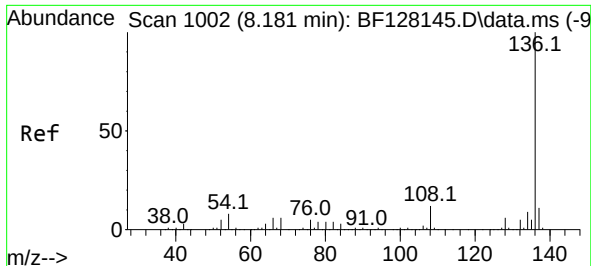
Tgt Ion: 99 Resp: 224165
Ion Ratio Lower Upper
99 100
42 20.7 16.6 24.8
71 38.7 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.178 ng
RT: 7.463 min Scan# 880
Delta R.T. 0.153 min
Lab File: BF128223.D
Acq: 12 May 2022 19:02

Tgt Ion: 70 Resp: 83507
Ion Ratio Lower Upper
70 100
42 48.7 48.7 73.1#
101 0.0 7.2 10.8#
130 1.7 14.4 21.6#



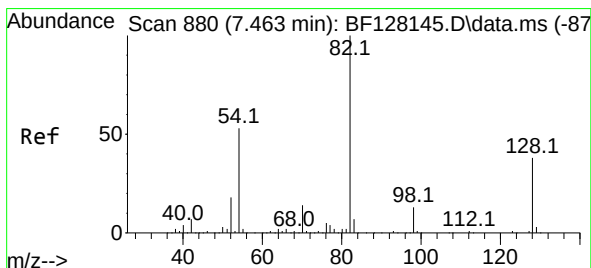
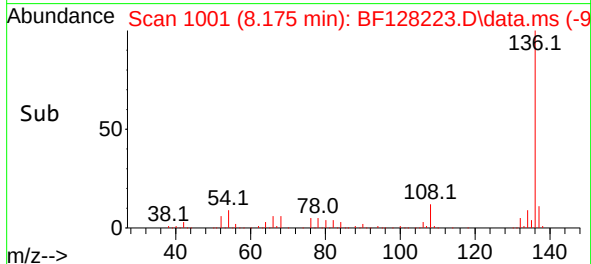
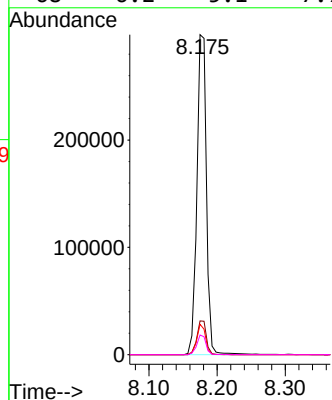
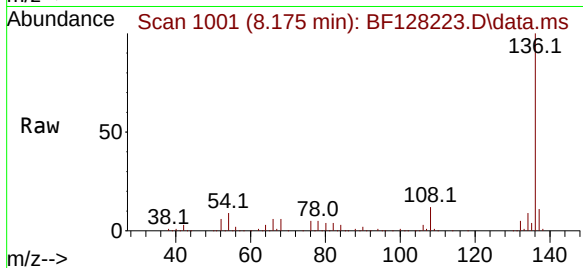


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128223.D
Acq: 12 May 2022 19:02

Instrument :
BNA_F
ClientSampleId :
FETWP-4

Tgt Ion:136 Resp: 288096

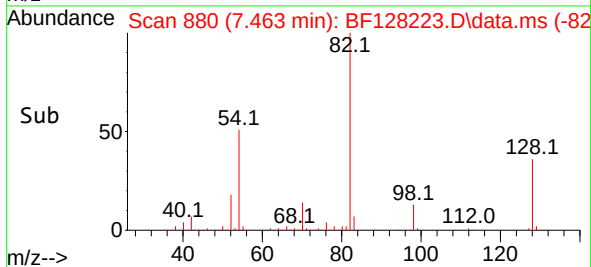
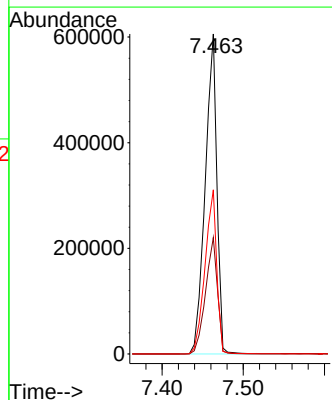
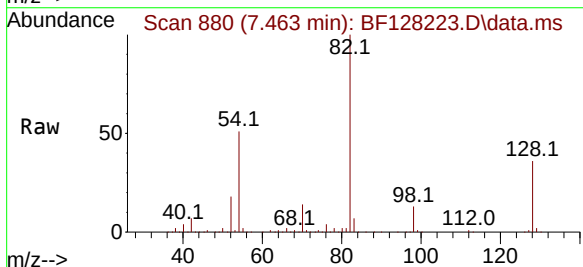
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	9.5	6.8	10.2
68	6.2	5.1	7.7

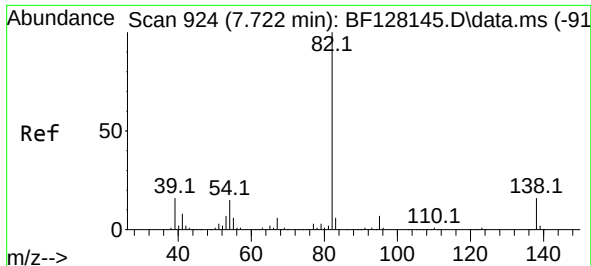


#23
Nitrobenzene-d5
Concen: 94.582 ng
RT: 7.463 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF128223.D
Acq: 12 May 2022 19:02

Tgt Ion: 82 Resp: 605575

Ion	Ratio	Lower	Upper
82	100		
128	36.3	30.0	45.0
54	51.3	41.3	61.9

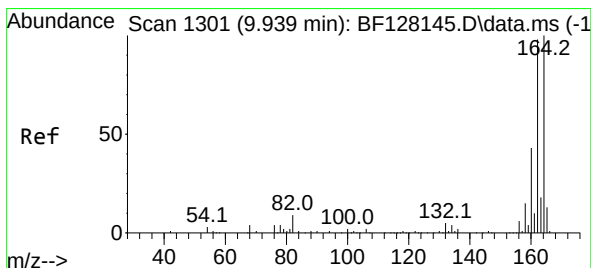
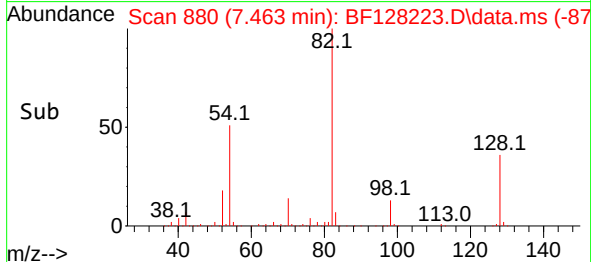
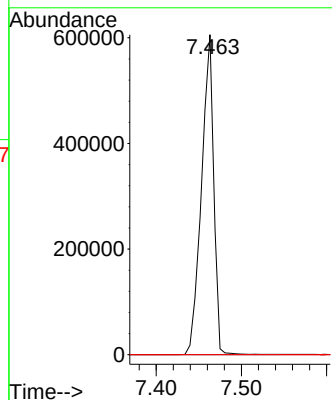
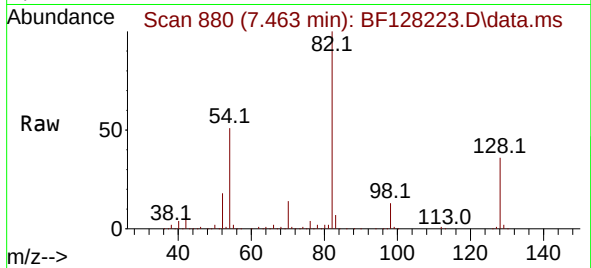




#25
Isophorone
Concen: 60.329 ng
RT: 7.463 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128223.D
Acq: 12 May 2022 19:02

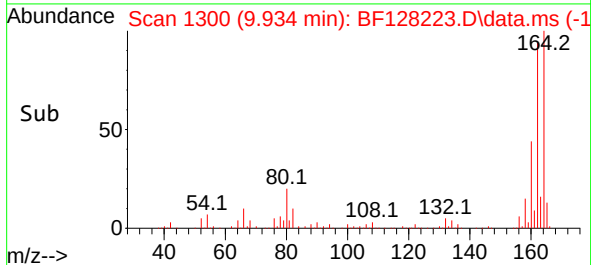
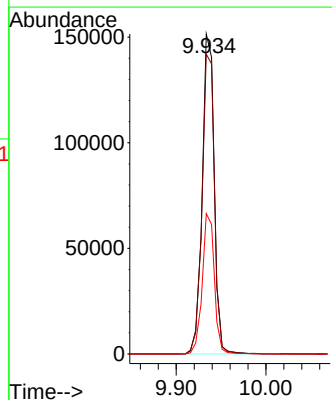
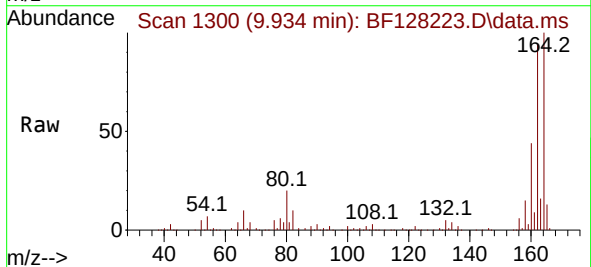
Instrument :
BNA_F
ClientSampleId :
FETWP-4

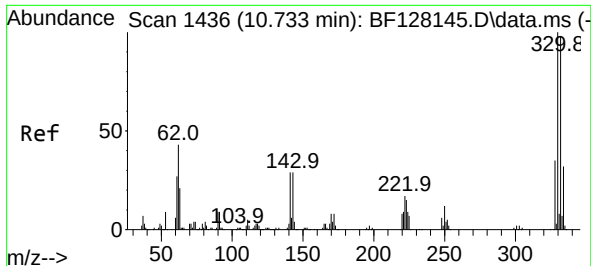
Tgt Ion: 82 Resp: 605567
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1300
Delta R.T. -0.005 min
Lab File: BF128223.D
Acq: 12 May 2022 19:02

Tgt Ion:164 Resp: 140986
Ion Ratio Lower Upper
164 100
162 93.7 76.0 114.0
160 43.9 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 86.523 ng

RT: 10.728 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF128223.D

Acq: 12 May 2022 19:02

Instrument :

BNA_F

ClientSampleId :

FETWP-4

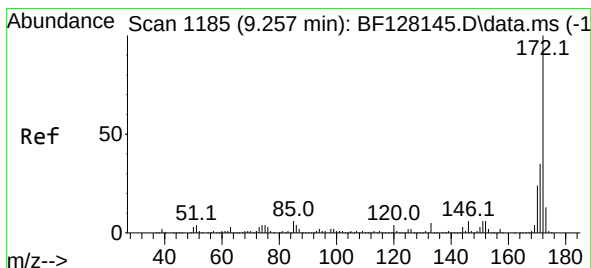
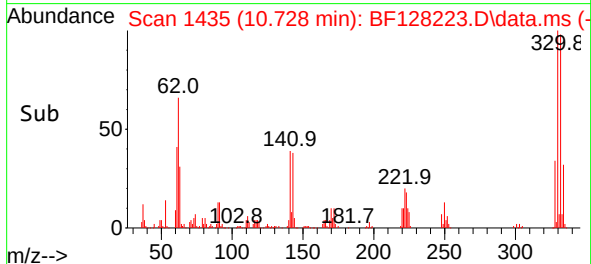
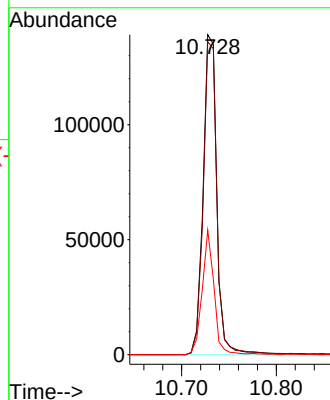
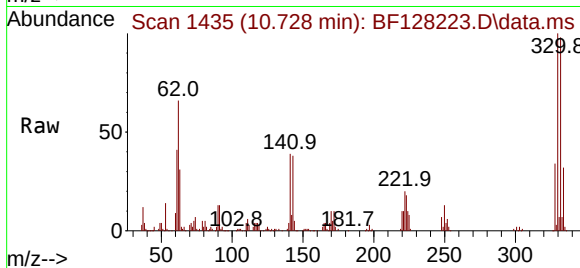
Tgt Ion:330 Resp: 139902

Ion Ratio Lower Upper

330 100

332 98.5 79.0 118.4

141 34.1 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 100.279 ng

RT: 9.257 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF128223.D

Acq: 12 May 2022 19:02

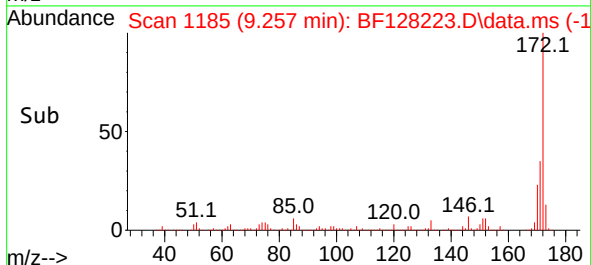
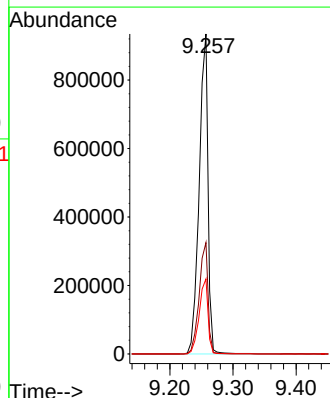
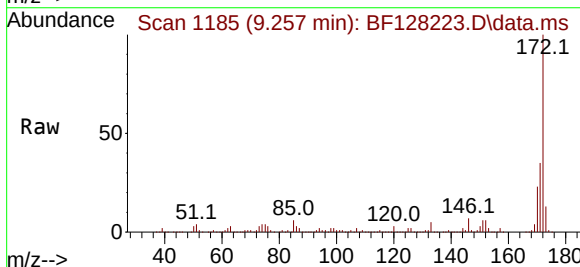
Tgt Ion:172 Resp: 903559

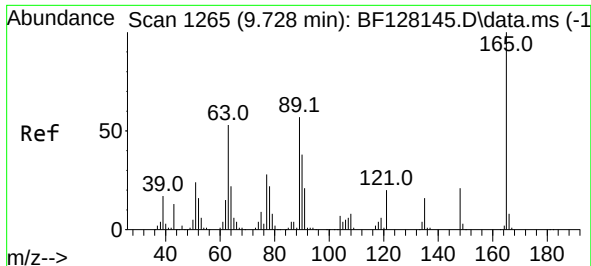
Ion Ratio Lower Upper

172 100

171 34.8 28.6 42.8

170 23.5 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.928 ng

RT: 9.934 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF128223.D

Acq: 12 May 2022 19:02

Instrument :

BNA_F

ClientSampleId :

FETWP-4

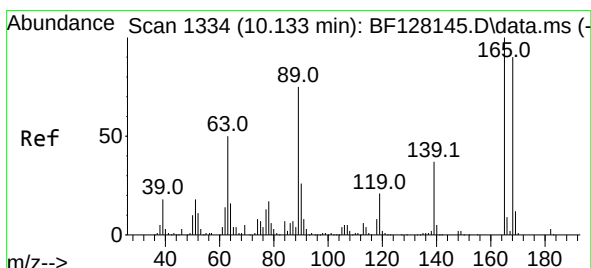
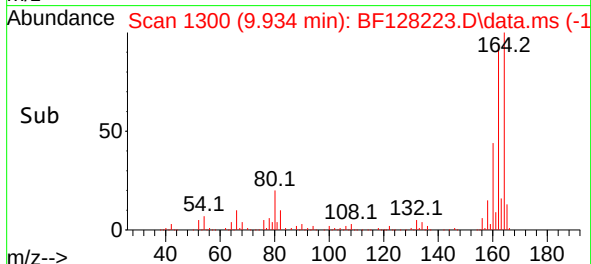
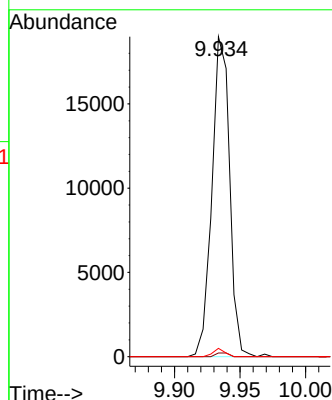
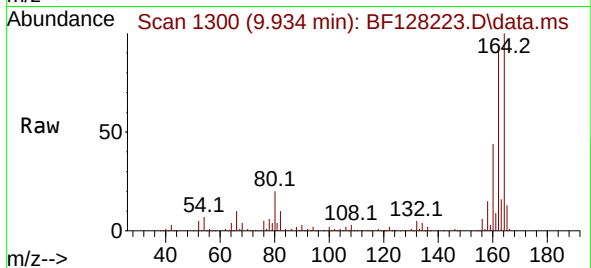
Tgt Ion:165 Resp: 17819

Ion Ratio Lower Upper

165 100

63 1.2 49.5 74.3#

89 2.6 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 6.677 ng

RT: 9.934 min Scan# 1300

Delta R.T. -0.200 min

Lab File: BF128223.D

Acq: 12 May 2022 19:02

Tgt Ion:165 Resp: 17819

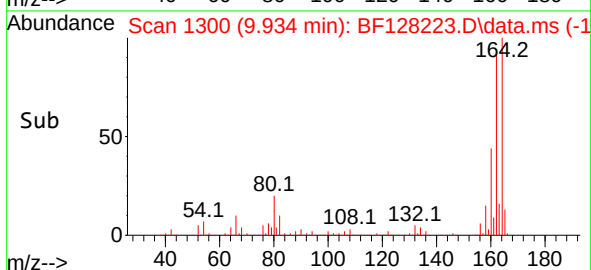
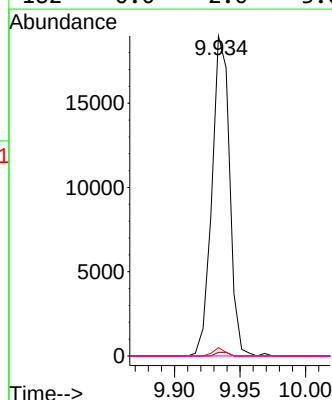
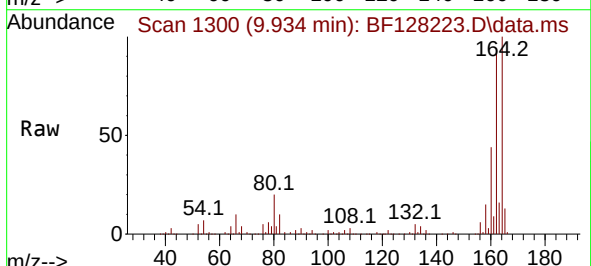
Ion Ratio Lower Upper

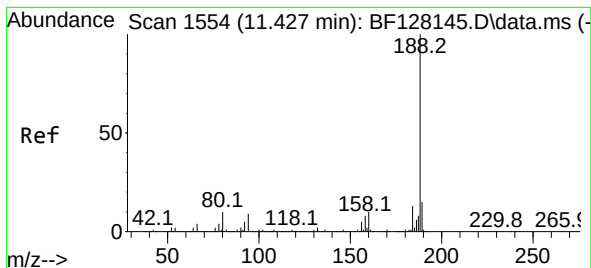
165 100

63 1.2 32.6 49.0#

89 2.6 55.2 82.8#

182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF128223.D

Acq: 12 May 2022 19:02

Instrument :

BNA_F

ClientSampleId :

FETWP-4

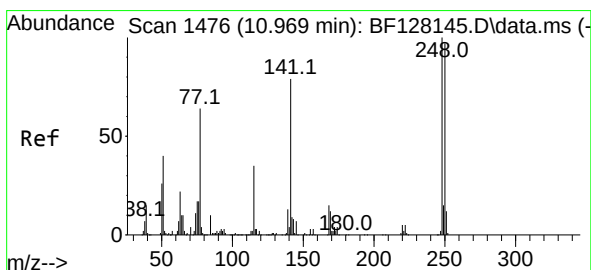
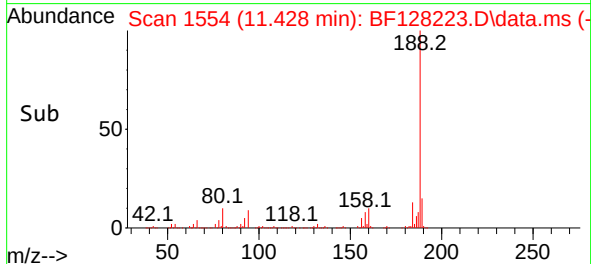
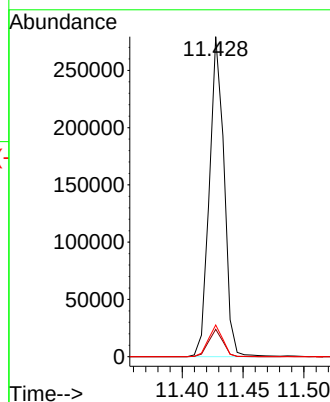
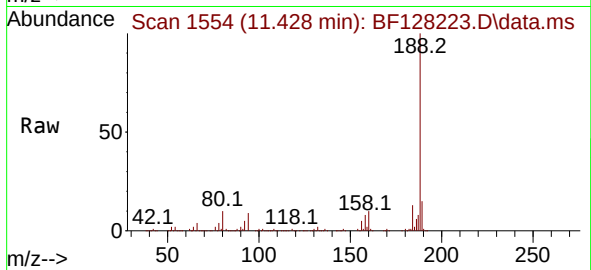
Tgt Ion:188 Resp: 235047

Ion Ratio Lower Upper

188 100

94 8.5 8.0 12.0

80 9.9 8.9 13.3



#67

4-Bromophenyl-phenylether

Concen: 3.410 ng

RT: 10.728 min Scan# 1435

Delta R.T. -0.241 min

Lab File: BF128223.D

Acq: 12 May 2022 19:02

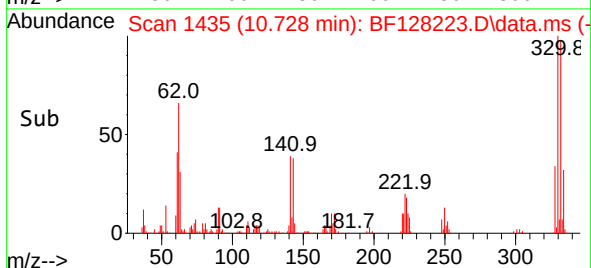
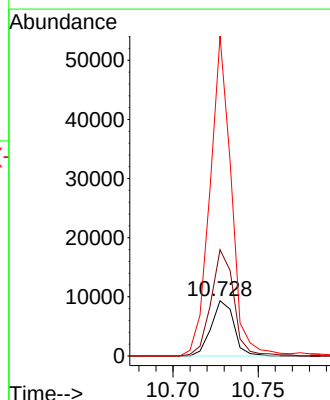
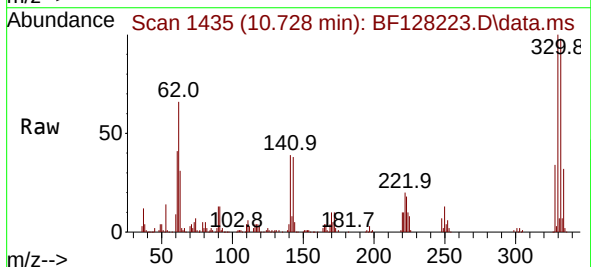
Tgt Ion:248 Resp: 8624

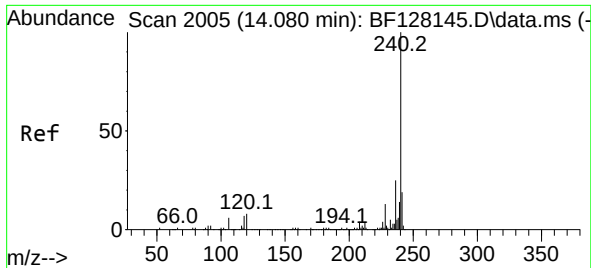
Ion Ratio Lower Upper

248 100

250 192.5 77.7 116.5#

141 579.9 65.6 98.4#

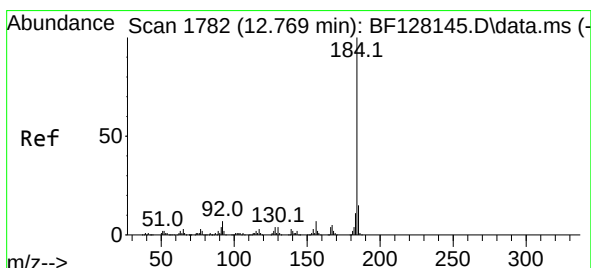
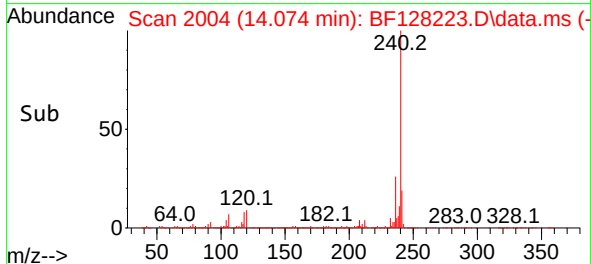
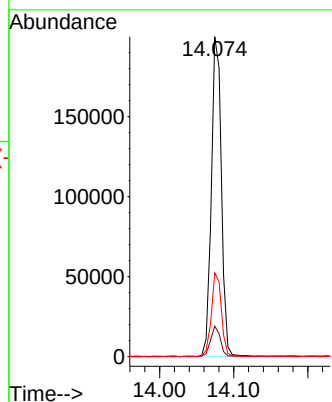
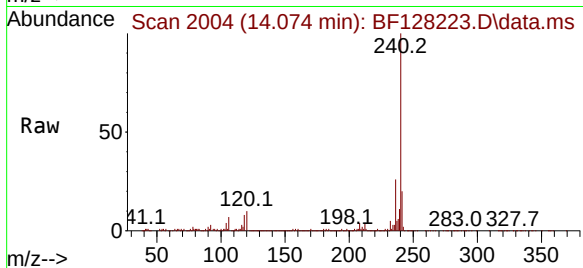




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF128223.D
Acq: 12 May 2022 19:02

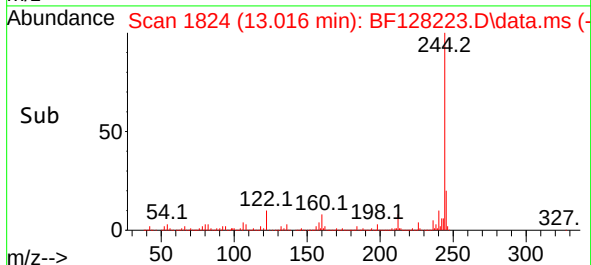
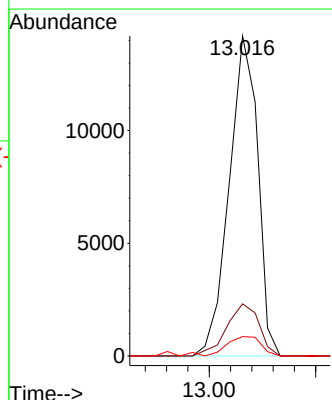
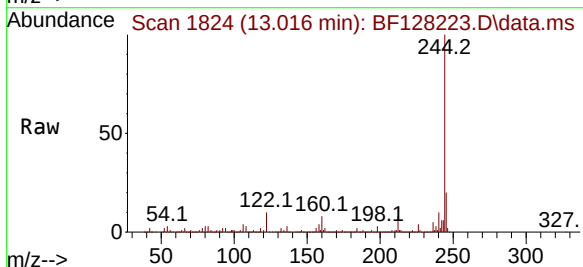
Instrument :
BNA_F
ClientSampleId :
FETWP-4

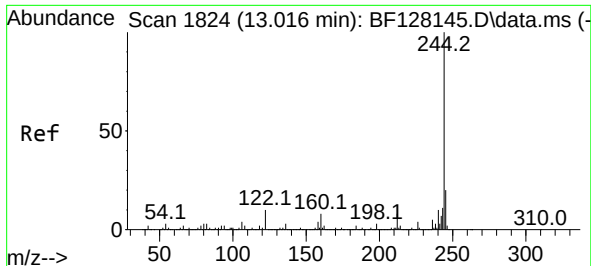
Tgt Ion:240 Resp: 188684
Ion Ratio Lower Upper
240 100
120 9.6 7.0 10.6
236 26.2 20.3 30.5



#77
Benzidine
Concen: 3.245 ng
RT: 13.016 min Scan# 1824
Delta R.T. 0.247 min
Lab File: BF128223.D
Acq: 12 May 2022 19:02

Tgt Ion:184 Resp: 13260
Ion Ratio Lower Upper
184 100
185 16.3 12.1 18.1
183 6.0 9.0 13.4#

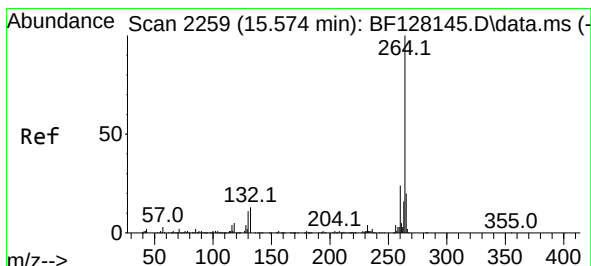
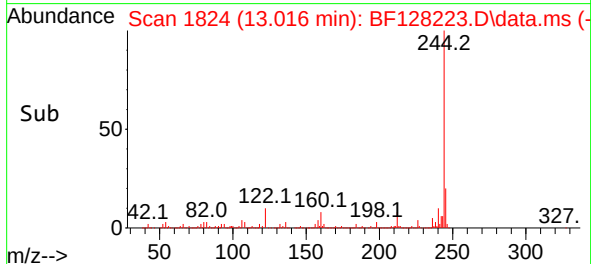
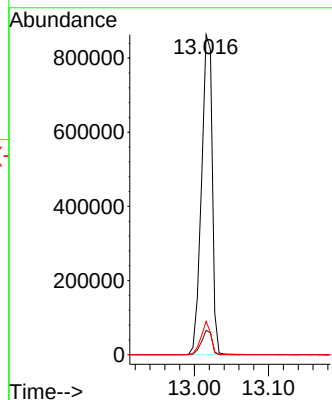
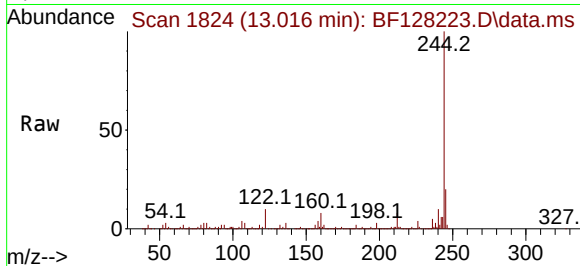




#79
 Terphenyl-d14
 Concen: 86.674 ng
 RT: 13.016 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF128223.D
 Acq: 12 May 2022 19:02

Instrument :
 BNA_F
 ClientSampleId :
 FETWP-4

Tgt Ion:244 Resp: 871552
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 10.4 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2260
 Delta R.T. 0.006 min
 Lab File: BF128223.D
 Acq: 12 May 2022 19:02

Tgt Ion:264 Resp: 145018
 Ion Ratio Lower Upper
 264 100
 260 24.4 20.1 30.1
 265 21.9 17.5 26.3

