

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
 Data File : BF140879.D
 Acq On : 17 Dec 2024 12:34
 Operator : RC/JU
 Sample : P5287-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STONES-B

Quant Time: Dec 17 13:16:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

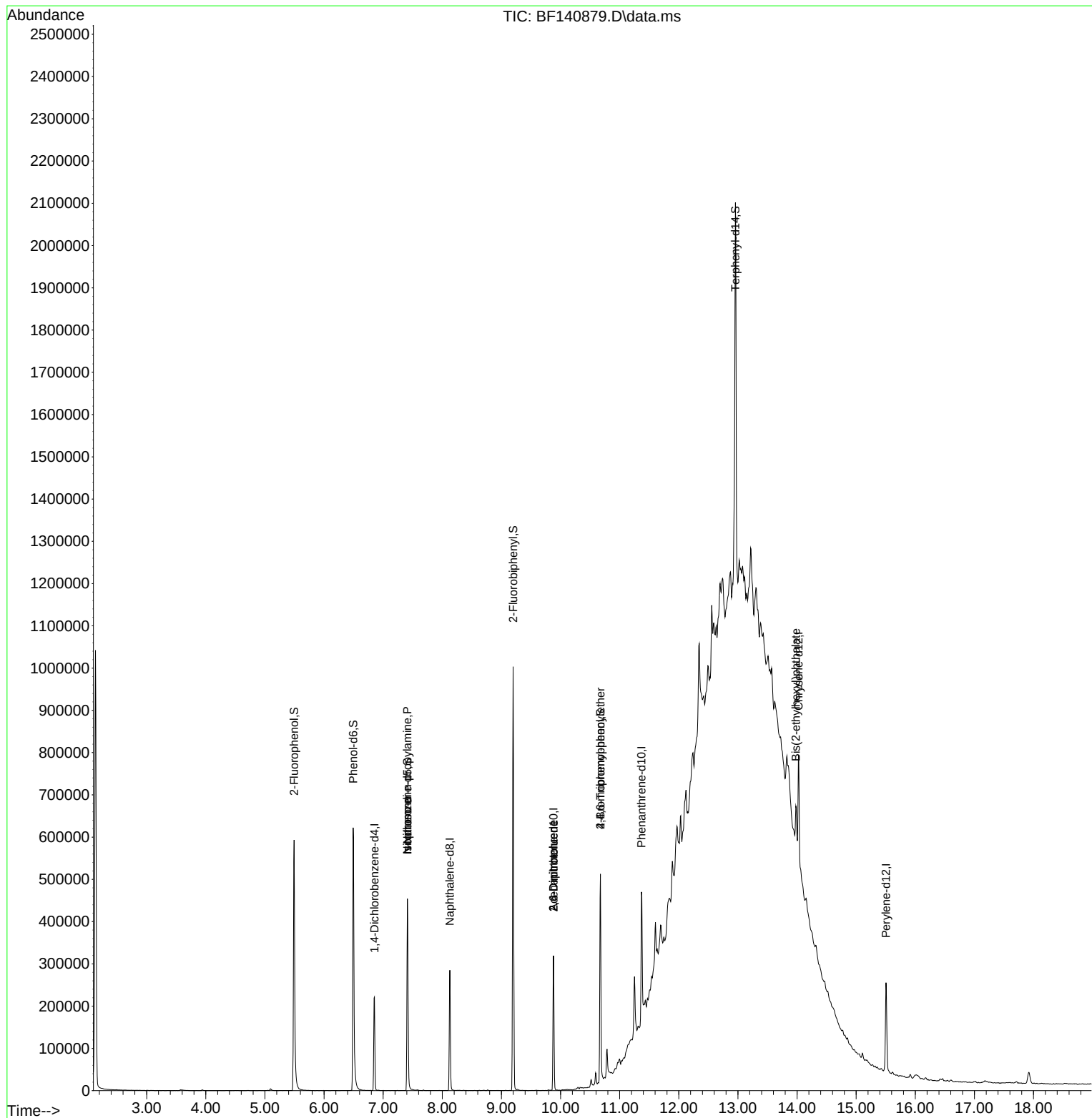
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	51141	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	183256	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	94227	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	165138	20.000	ng	0.00
76) Chrysene-d12	14.027	240	123145	20.000	ng	0.00
86) Perylene-d12	15.504	264	129054	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	261636	84.218	ng	0.00
7) Phenol-d6	6.493	99	333963	81.162	ng	0.00
23) Nitrobenzene-d5	7.410	82	216623	59.141	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	89167	80.011	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	434518	63.400	ng	0.00
79) Terphenyl-d14	12.957	244	431164	55.210	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	28893	11.706	ng	# 77
25) Isophorone	7.410	82	213237	34.745	ng	# 65
51) 2,6-Dinitrotoluene	9.881	165	12294	8.095	ng	# 21
57) 2,4-Dinitrotoluene	9.881	165	12294	6.153	ng	# 15
67) 4-Bromophenyl-phenylether	10.675	248	5672	3.070	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.980	149	36333	6.993	ng	98

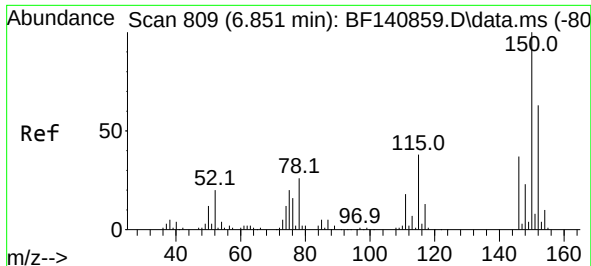
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
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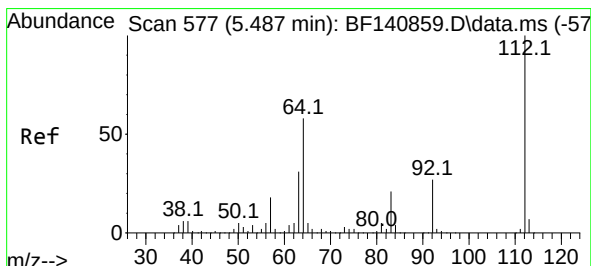
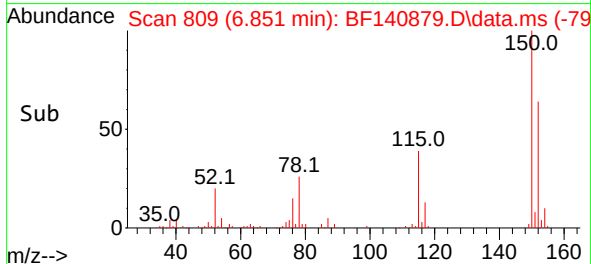
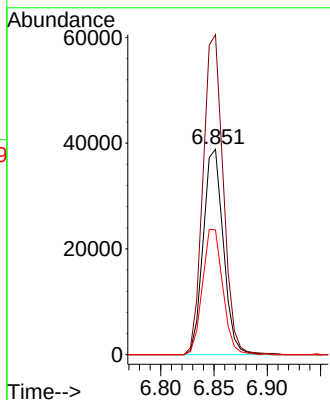
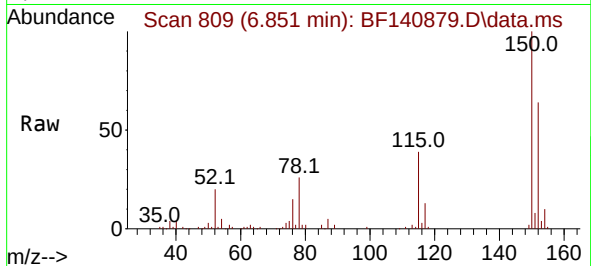




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 809
 Delta R.T. 0.000 min
 Lab File: BF140879.D
 Acq: 17 Dec 2024 12:34

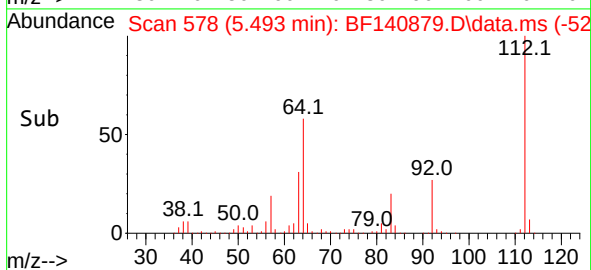
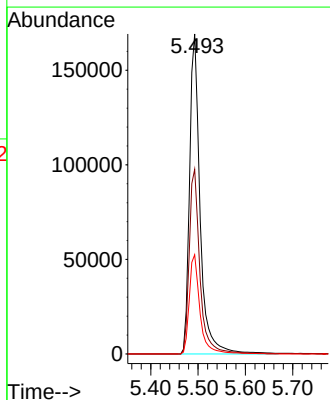
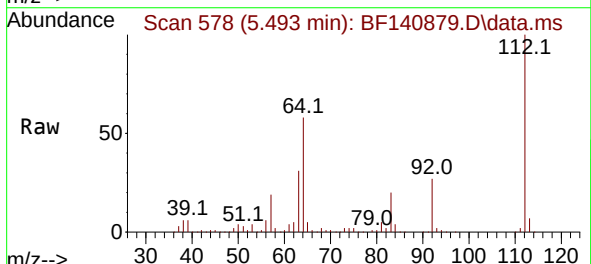
Instrument :
 BNA_F
 ClientSampleId :
 STONES-B

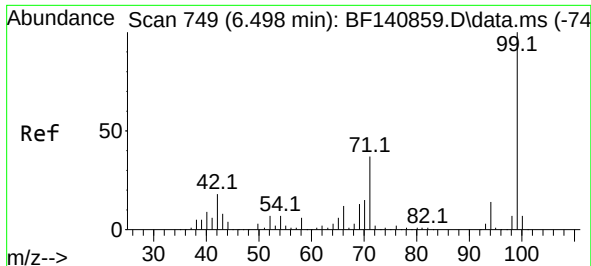
Tgt Ion:152 Resp: 51141
 Ion Ratio Lower Upper
 152 100
 150 155.7 127.9 191.9
 115 60.8 48.0 72.0



#5
 2-Fluorophenol
 Concen: 84.218 ng
 RT: 5.493 min Scan# 578
 Delta R.T. 0.006 min
 Lab File: BF140879.D
 Acq: 17 Dec 2024 12:34

Tgt Ion:112 Resp: 261636
 Ion Ratio Lower Upper
 112 100
 64 57.7 46.1 69.1
 63 31.0 24.9 37.3





#7

Phenol-d6

Concen: 81.162 ng

RT: 6.493 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF140879.D

Acq: 17 Dec 2024 12:34

Instrument :

BNA_F

ClientSampleId :

STONES-B

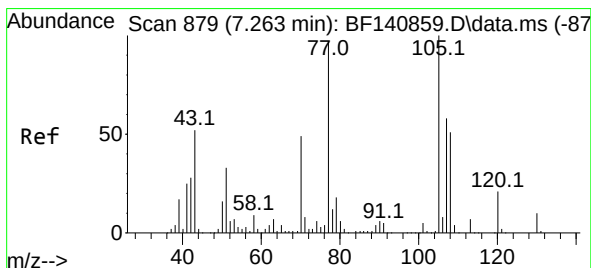
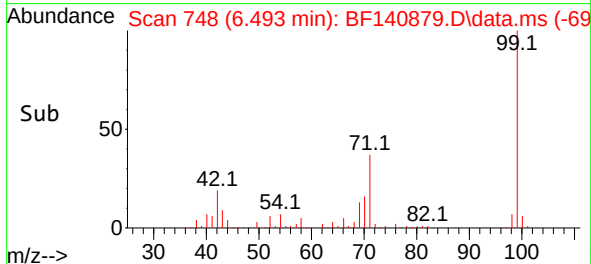
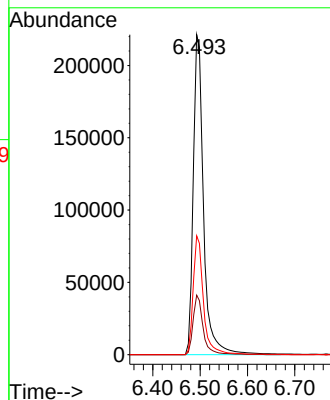
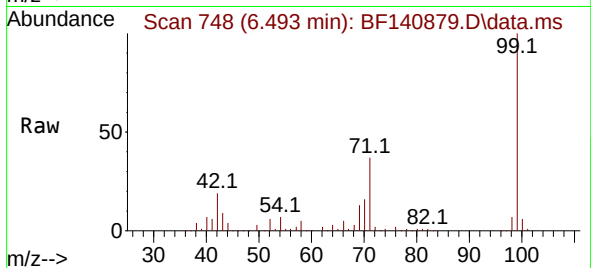
Tgt Ion: 99 Resp: 333963

Ion Ratio Lower Upper

99 100

42 18.6 14.3 21.5

71 37.2 29.9 44.9



#19

n-Nitroso-di-n-propylamine

Concen: 11.706 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.147 min

Lab File: BF140879.D

Acq: 17 Dec 2024 12:34

Tgt Ion: 70 Resp: 28893

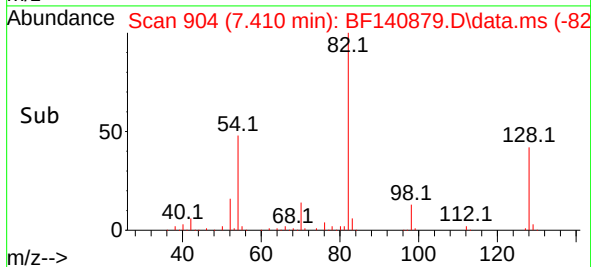
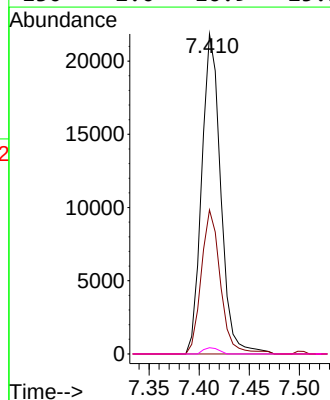
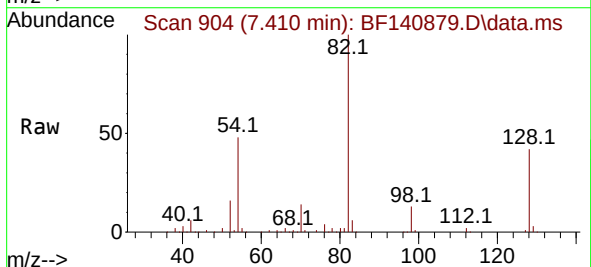
Ion Ratio Lower Upper

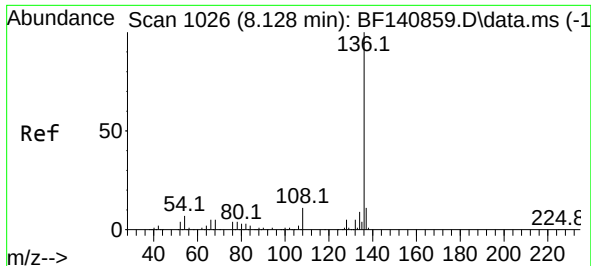
70 100

42 45.0 45.3 67.9#

101 0.0 8.0 12.0#

130 2.0 16.9 25.3#

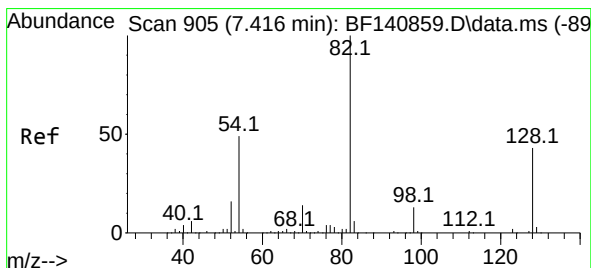
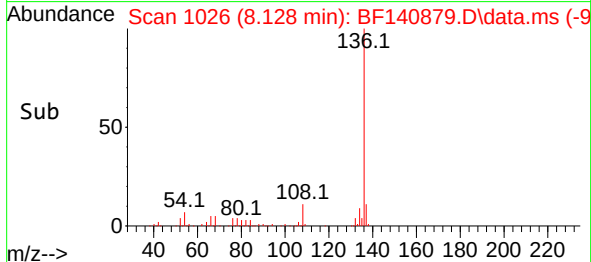
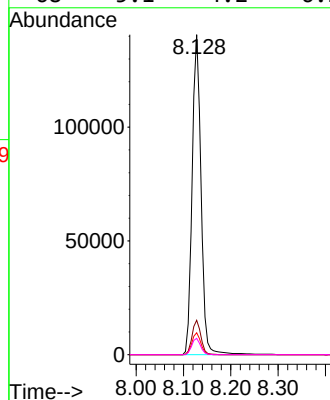
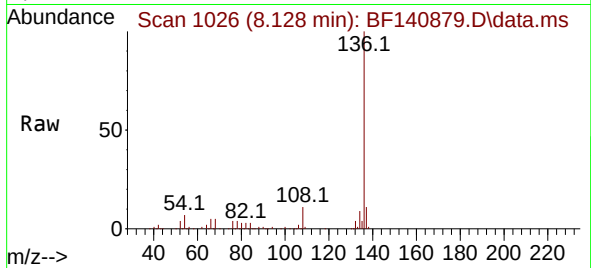




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140879.D
Acq: 17 Dec 2024 12:34

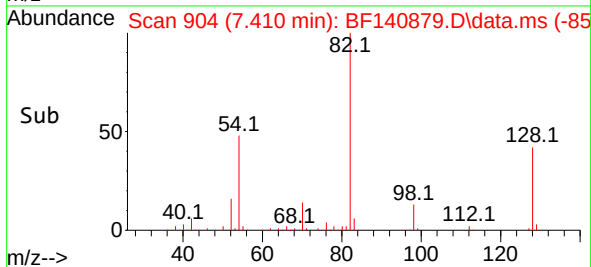
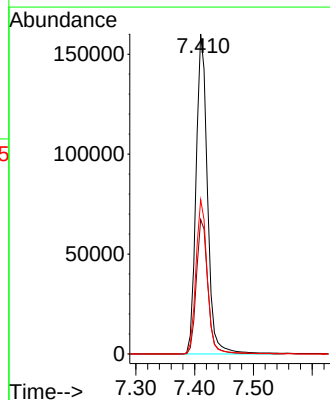
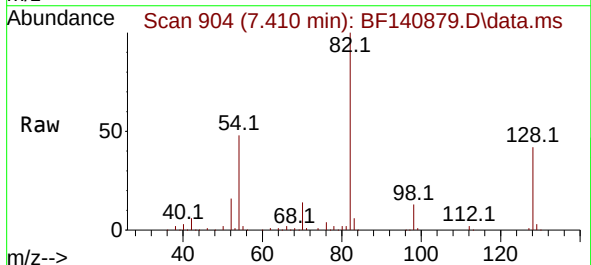
Instrument :
BNA_F
ClientSampleId :
STONES-B

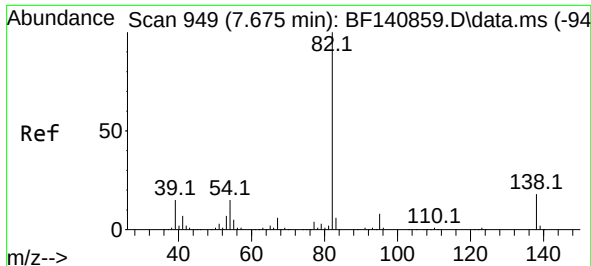
Tgt	Ion:136	Resp:	183256
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.9	5.6	8.4
68	5.1	4.2	6.2



#23
Nitrobenzene-d5
Concen: 59.141 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF140879.D
Acq: 17 Dec 2024 12:34

Tgt Ion: 82	Resp: 216623
Ion Ratio	Lower Upper
82 100	
128 42.0	34.4 51.6
54 48.2	38.8 58.2

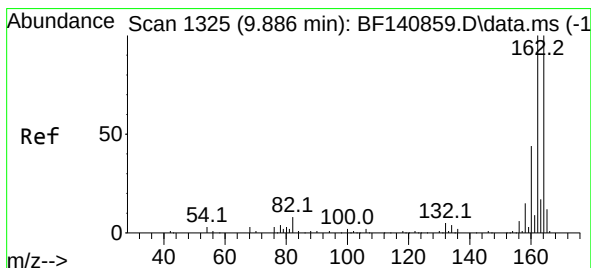
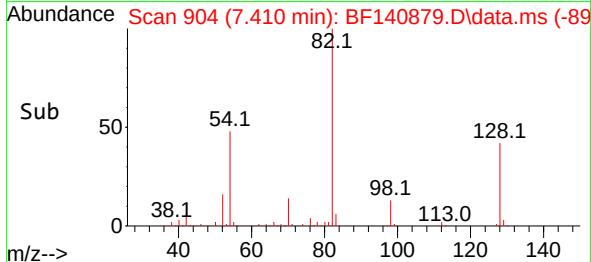
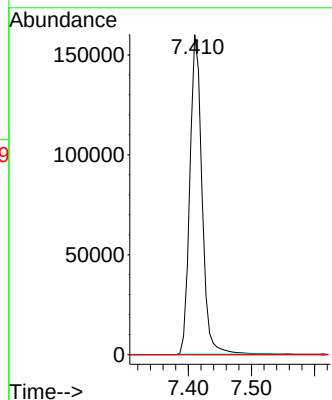
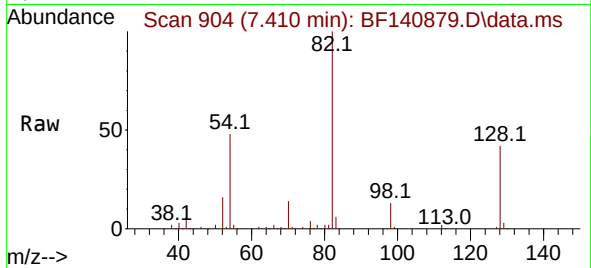




#25
Isophorone
Concen: 34.745 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF140879.D
Acq: 17 Dec 2024 12:34

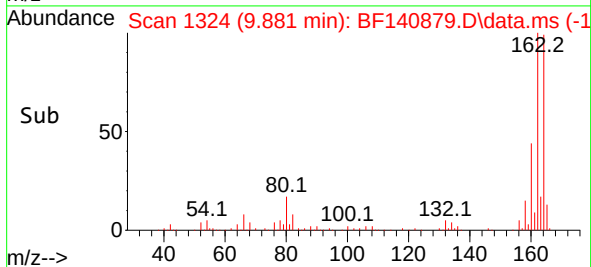
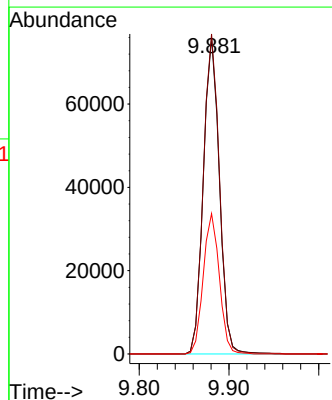
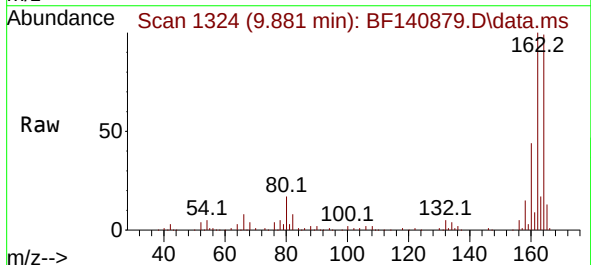
Instrument :
BNA_F
ClientSampleId :
STONES-B

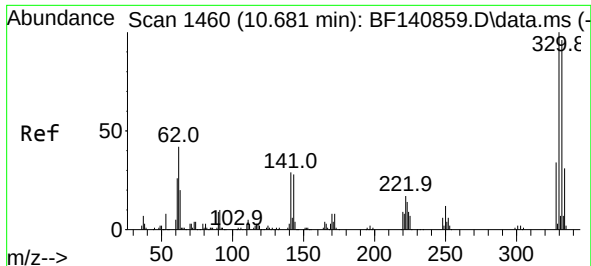
Tgt Ion: 82 Resp: 213237
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.1 21.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF140879.D
Acq: 17 Dec 2024 12:34

Tgt Ion:164 Resp: 94227
Ion Ratio Lower Upper
164 100
162 101.2 79.9 119.9
160 44.4 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 80.011 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF140879.D

Acq: 17 Dec 2024 12:34

Instrument :

BNA_F

ClientSampleId :

STONES-B

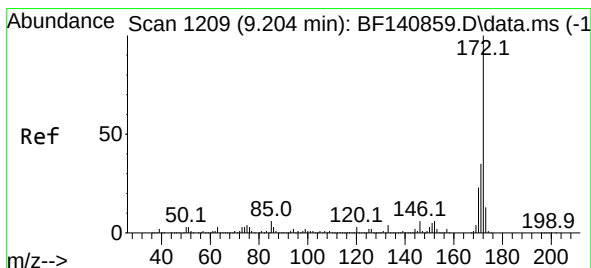
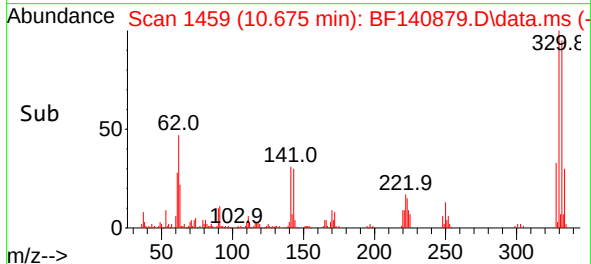
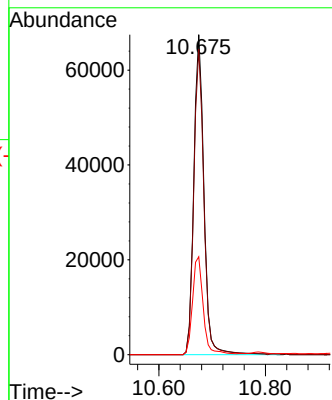
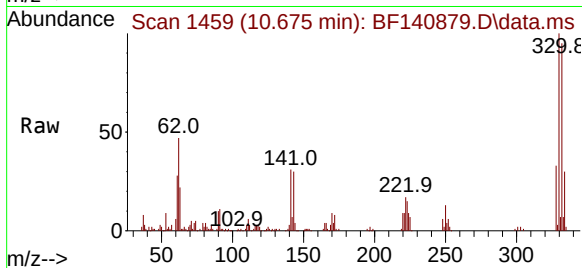
Tgt Ion:330 Resp: 89167

Ion Ratio Lower Upper

330 100

332 95.5 76.2 114.4

141 32.4 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 63.400 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF140879.D

Acq: 17 Dec 2024 12:34

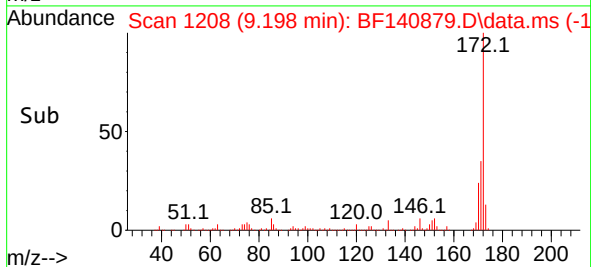
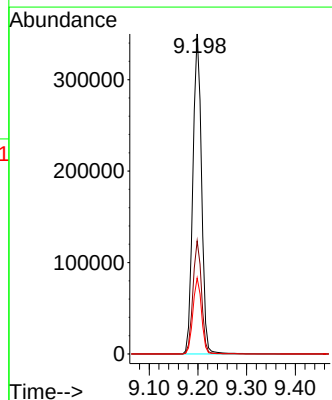
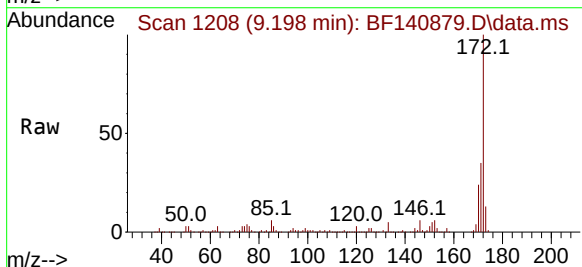
Tgt Ion:172 Resp: 434518

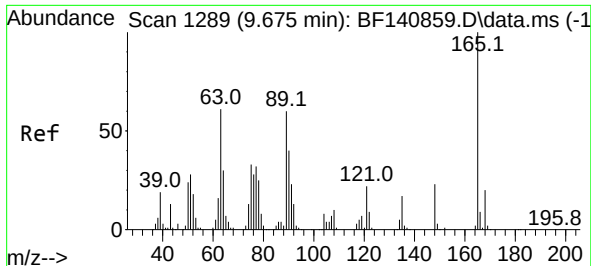
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.8 18.6 28.0





#51

2,6-Dinitrotoluene

Concen: 8.095 ng

RT: 9.881 min Scan# 1

Delta R.T. 0.206 min

Lab File: BF140879.D

Acq: 17 Dec 2024 12:34

Instrument :

BNA_F

ClientSampleId :

STONES-B

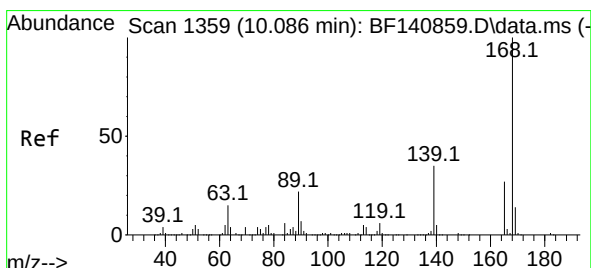
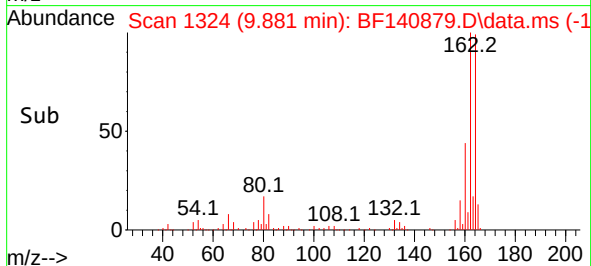
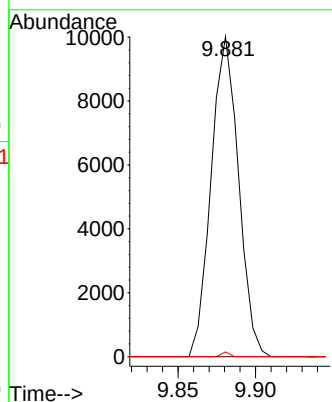
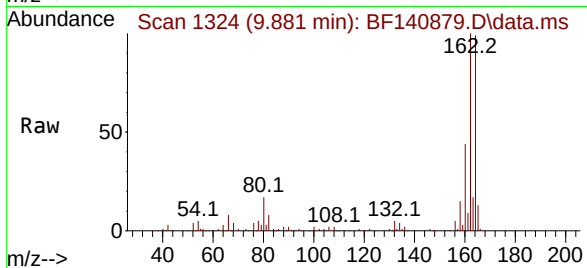
Tgt Ion:165 Resp: 12294

Ion Ratio Lower Upper

165 100

63 0.0 49.7 74.5#

89 1.5 48.2 72.4#



#57

2,4-Dinitrotoluene

Concen: 6.153 ng

RT: 9.881 min Scan# 1324

Delta R.T. -0.206 min

Lab File: BF140879.D

Acq: 17 Dec 2024 12:34

Tgt Ion:165 Resp: 12294

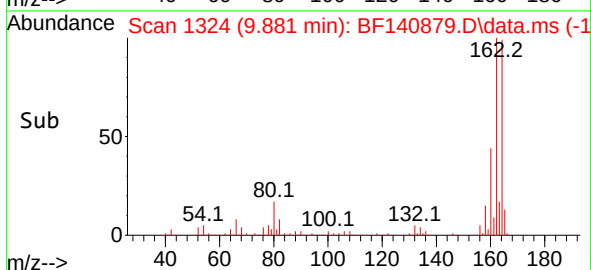
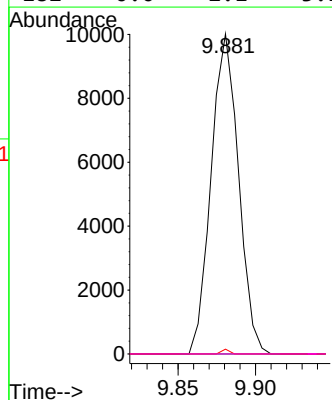
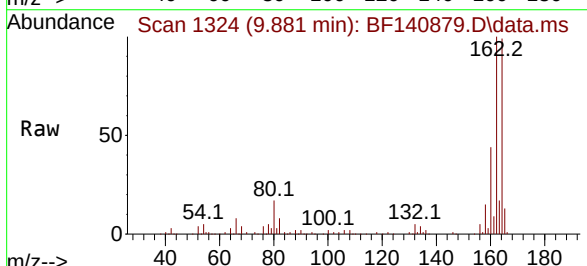
Ion Ratio Lower Upper

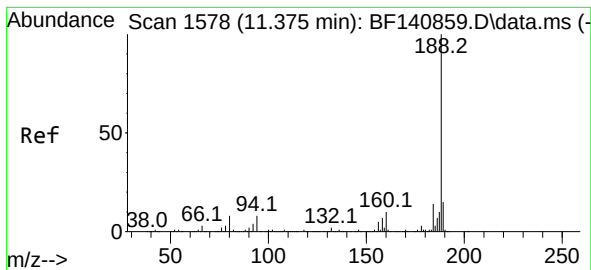
165 100

63 0.0 49.3 73.9#

89 1.5 66.2 99.4#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140879.D

Acq: 17 Dec 2024 12:34

Instrument :

BNA_F

ClientSampleId :

STONES-B

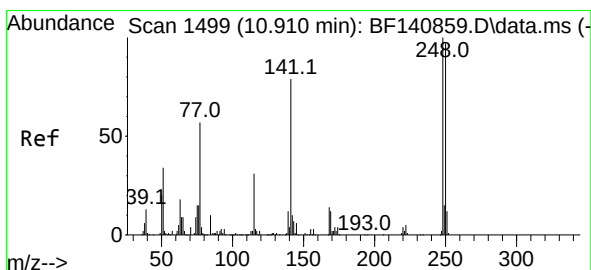
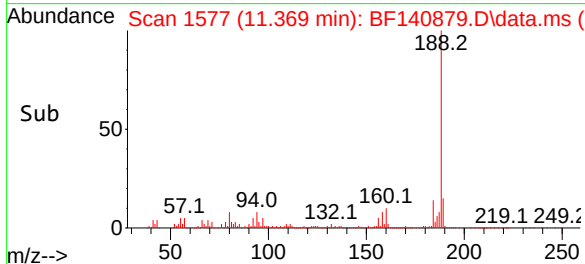
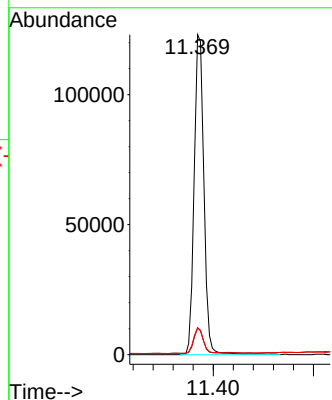
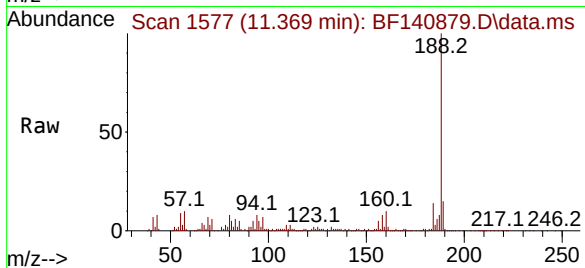
Tgt Ion:188 Resp: 165138

Ion Ratio Lower Upper

188 100

94 8.4 6.4 9.6

80 8.5 6.8 10.2



#67

4-Bromophenyl-phenylether

Concen: 3.070 ng

RT: 10.675 min Scan# 1459

Delta R.T. -0.235 min

Lab File: BF140879.D

Acq: 17 Dec 2024 12:34

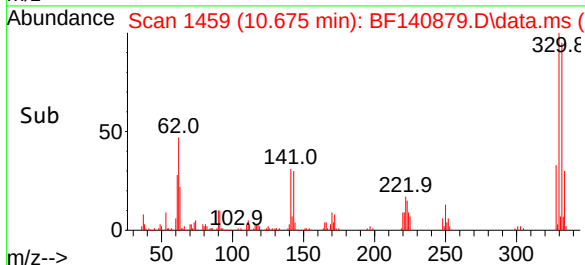
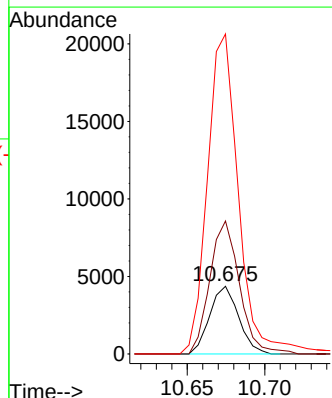
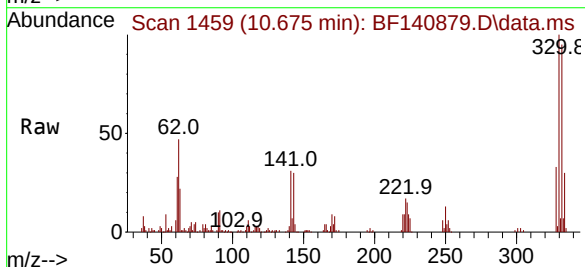
Tgt Ion:248 Resp: 5672

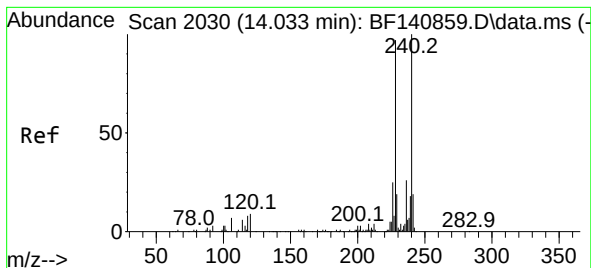
Ion Ratio Lower Upper

248 100

250 196.6 77.4 116.2#

141 473.3 62.9 94.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF140879.D

Acq: 17 Dec 2024 12:34

Instrument :

BNA_F

ClientSampleId :

STONES-B

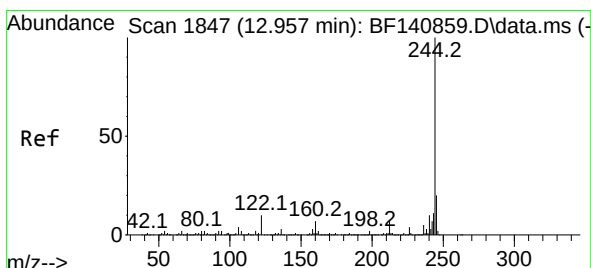
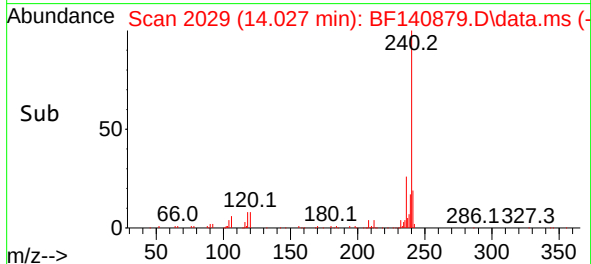
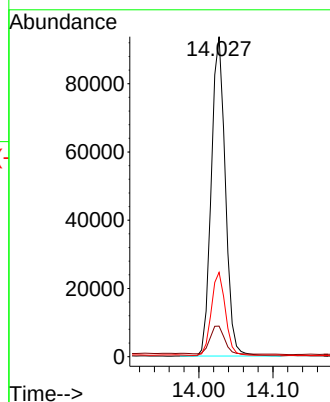
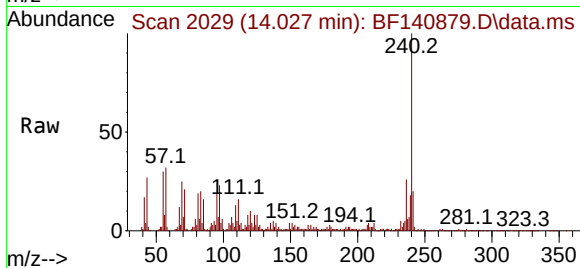
Tgt Ion:240 Resp: 123145

Ion Ratio Lower Upper

240 100

120 9.5 7.6 11.4

236 26.3 20.5 30.7



#79

Terphenyl-d14

Concen: 55.210 ng

RT: 12.957 min Scan# 1847

Delta R.T. -0.000 min

Lab File: BF140879.D

Acq: 17 Dec 2024 12:34

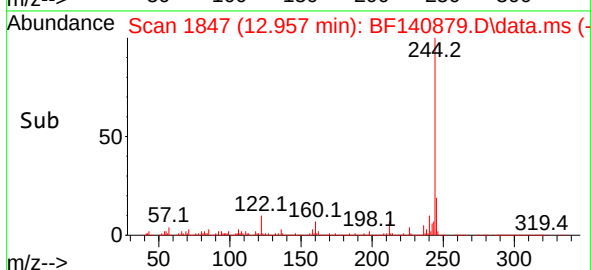
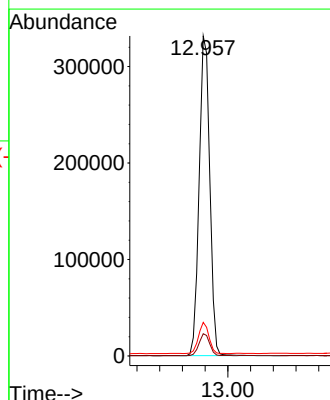
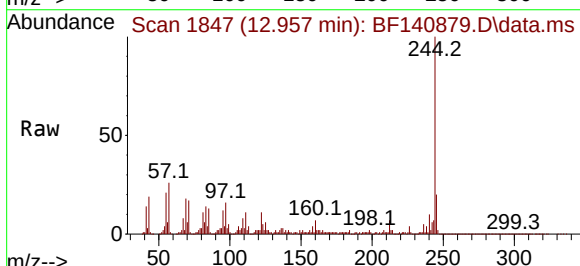
Tgt Ion:244 Resp: 431164

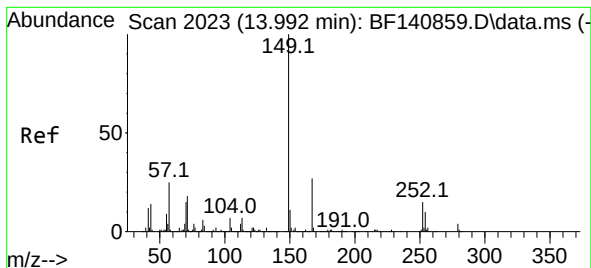
Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 10.5 8.2 12.2

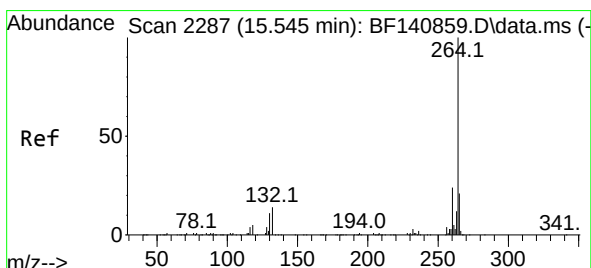
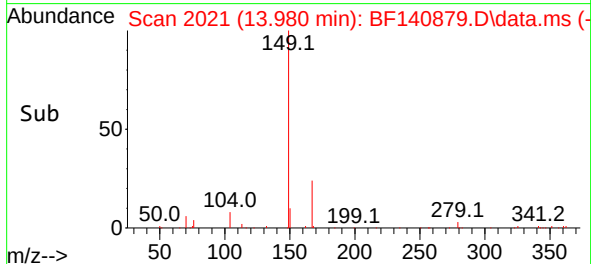
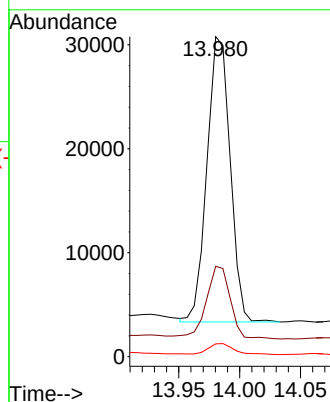
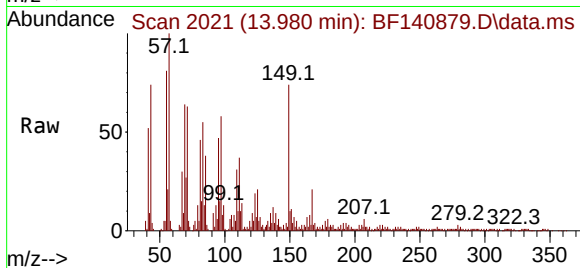




#84
Bis(2-ethylhexyl)phthalate
Concen: 6.993 ng
RT: 13.980 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF140879.D
Acq: 17 Dec 2024 12:34

Instrument :
BNA_F
ClientSampleId :
STONES-B

Tgt Ion:149 Resp: 36333
Ion Ratio Lower Upper
149 100
167 28.2 21.8 32.8
279 4.0 3.5 5.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2280
Delta R.T. -0.041 min
Lab File: BF140879.D
Acq: 17 Dec 2024 12:34

Tgt Ion:264 Resp: 129054
Ion Ratio Lower Upper
264 100
260 22.7 19.1 28.7
265 20.6 17.0 25.4

