

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
 Data File : BF136153.D
 Acq On : 06 Nov 2023 14:26
 Operator : CG\JU
 Sample : 05234-01RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-A

Quant Time: Nov 06 14:48:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 00:53:35 2023
 Response via : Initial Calibration

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

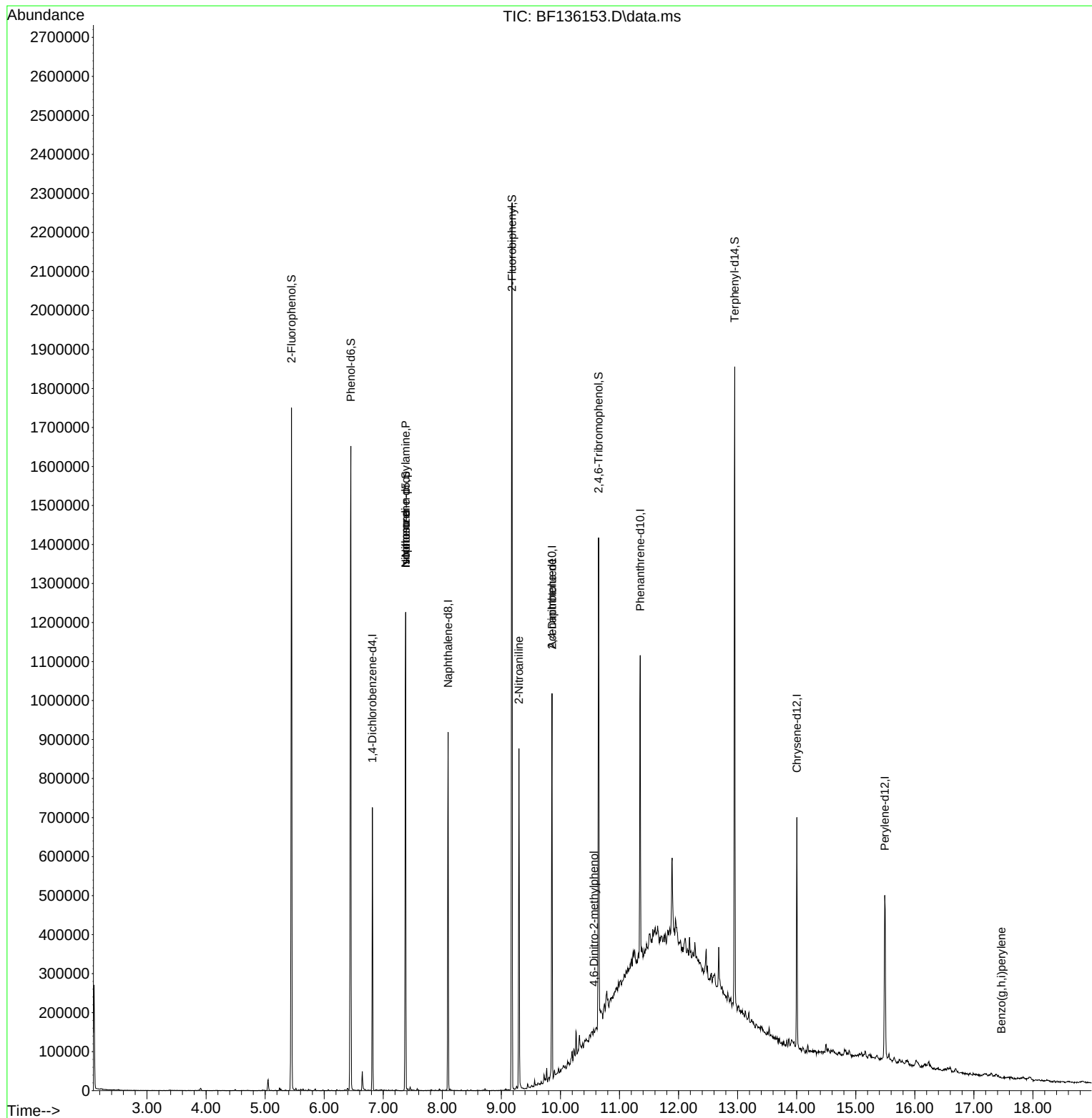
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	92616	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	362140	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	182066	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	285747	20.000	ng	0.00
76) Chrysene-d12	14.004	240	188767	20.000	ng	0.00
86) Perylene-d12	15.492	264	207939	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	467258	79.279	ng	0.00
7) Phenol-d6	6.451	99	574228	78.197	ng	0.00
23) Nitrobenzene-d5	7.381	82	361265	60.137	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	150717	77.556	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	704890	61.717	ng	0.00
79) Terphenyl-d14	12.951	244	557696	45.913	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.381	70	48179	11.483	ng	# 76
25) Isophorone	7.381	82	361259	31.854	ng	# 64
48) 2-Nitroaniline	9.298	65	8127	2.684	ng	# 13
57) 2,4-Dinitrotoluene	9.857	165	24191	7.444	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.569	198	71	5.830	ng	# 1
92) Benzo(g,h,i)perylene	17.468	276	132	2.905	ng	# 53

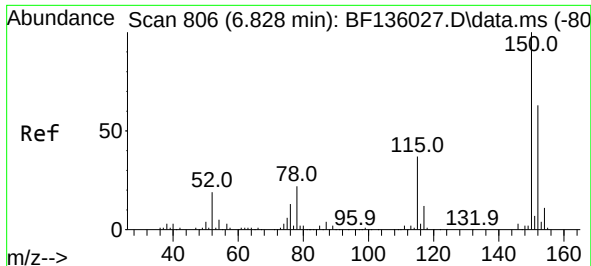
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 06 00:53:35 2023
Response via : Initial Calibration

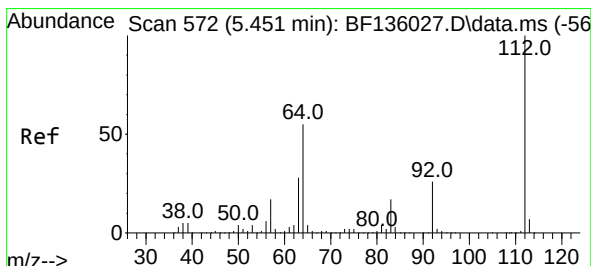
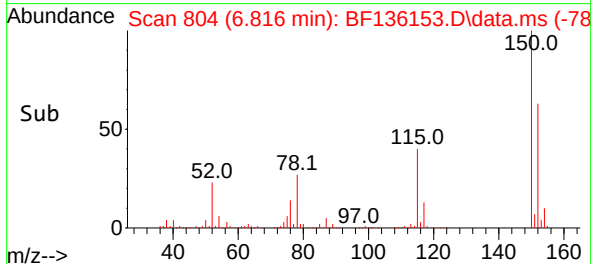
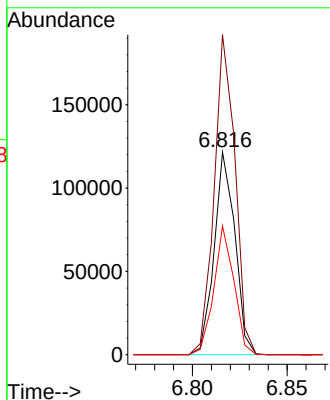
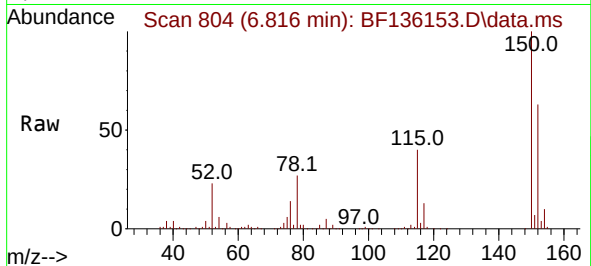




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF136153.D
Acq: 06 Nov 2023 14:26

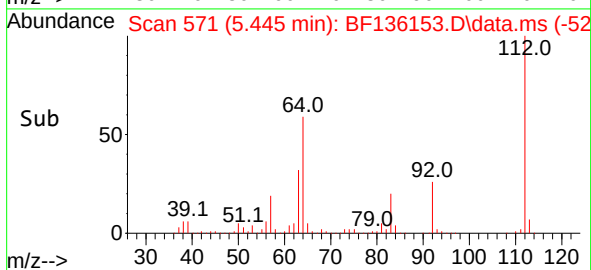
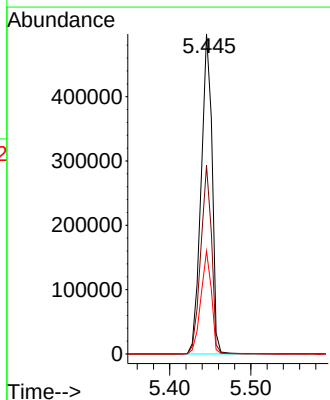
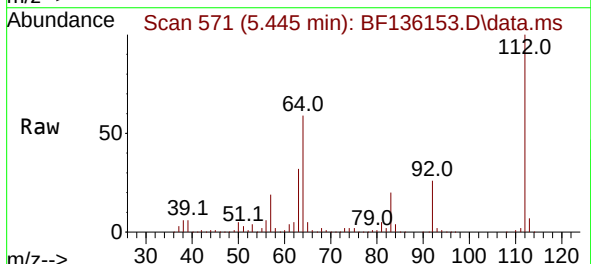
Instrument :
BNA_F
ClientSampleId :
SP-A

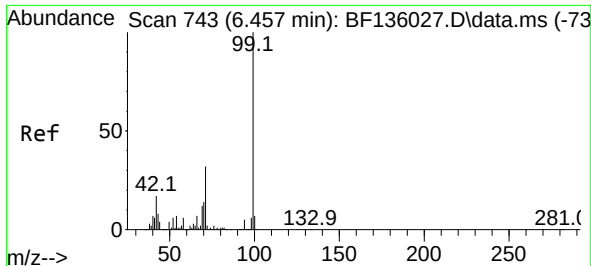
Tgt Ion:152 Resp: 92616
Ion Ratio Lower Upper
152 100
150 157.9 126.4 189.6
115 63.5 47.0 70.4



#5
2-Fluorophenol
Concen: 79.279 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.000 min
Lab File: BF136153.D
Acq: 06 Nov 2023 14:26

Tgt Ion:112 Resp: 467258
Ion Ratio Lower Upper
112 100
64 58.9 43.9 65.9
63 32.2 22.4 33.6

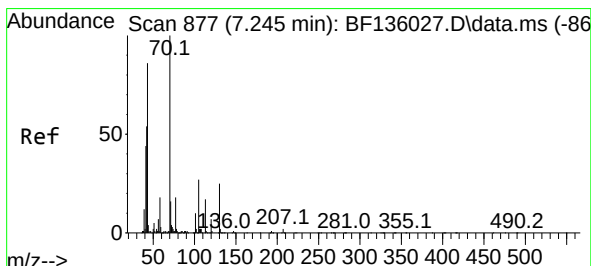
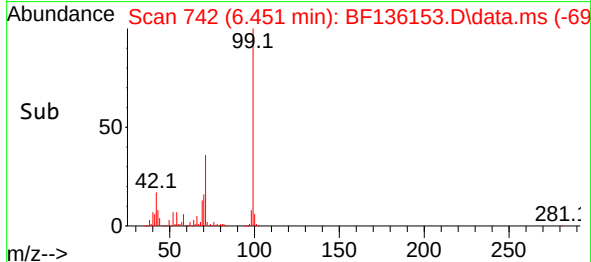
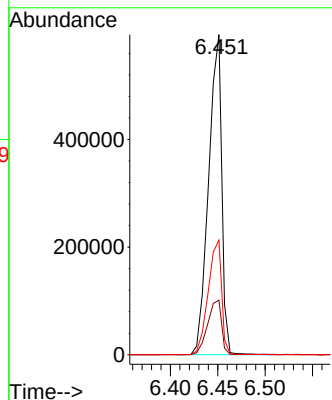
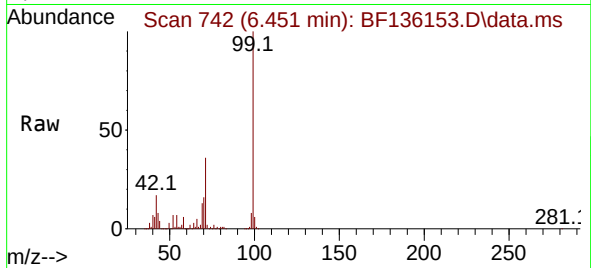




#7
Phenol-d6
Concen: 78.197 ng
RT: 6.451 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF136153.D
Acq: 06 Nov 2023 14:26

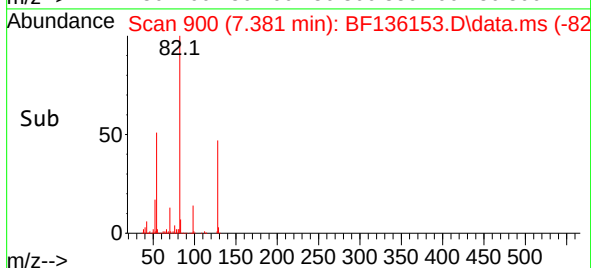
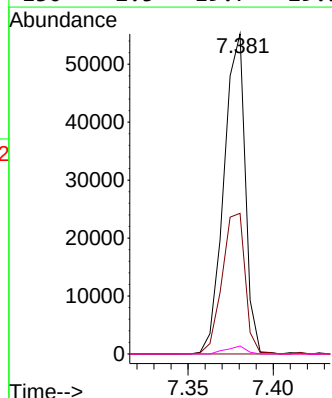
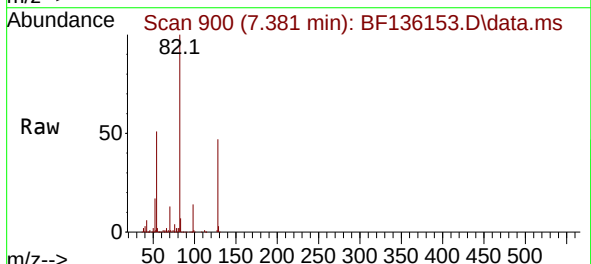
Instrument :
BNA_F
ClientSampleId :
SP-A

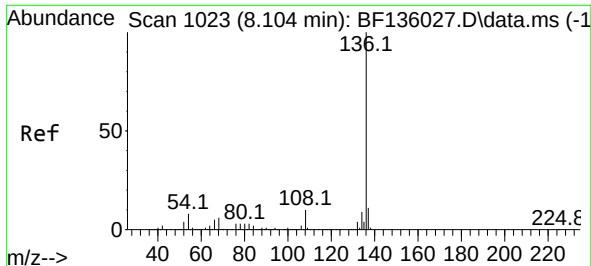
Tgt Ion: 99 Resp: 574228
Ion Ratio Lower Upper
99 100
42 17.1 13.7 20.5
71 35.8 25.9 38.9



#19
n-Nitroso-di-n-propylamine
Concen: 11.483 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF136153.D
Acq: 06 Nov 2023 14:26

Tgt Ion: 70 Resp: 48179
Ion Ratio Lower Upper
70 100
42 44.0 43.0 64.4
101 0.0 8.0 12.0#
130 2.5 19.7 29.5#

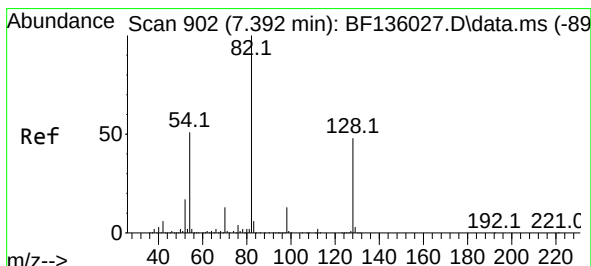
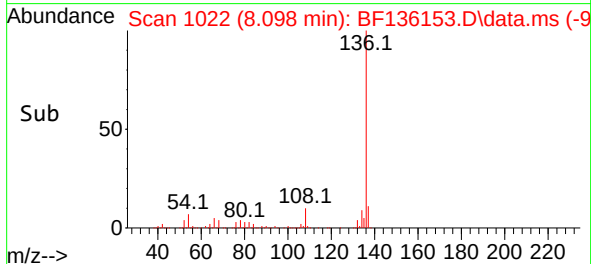
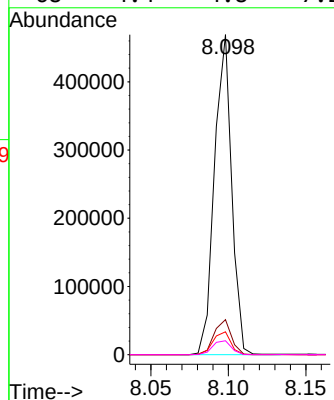
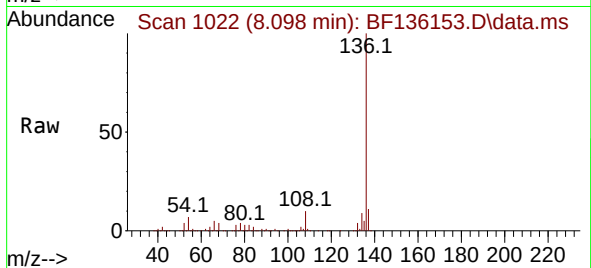




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF136153.D
Acq: 06 Nov 2023 14:26

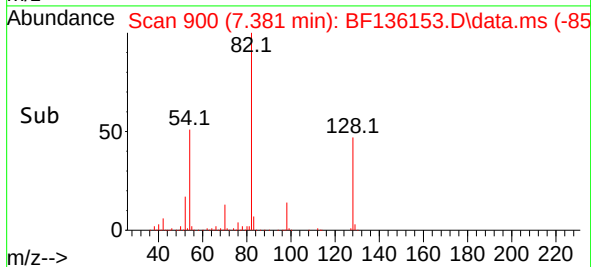
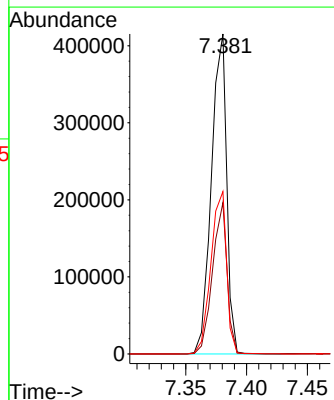
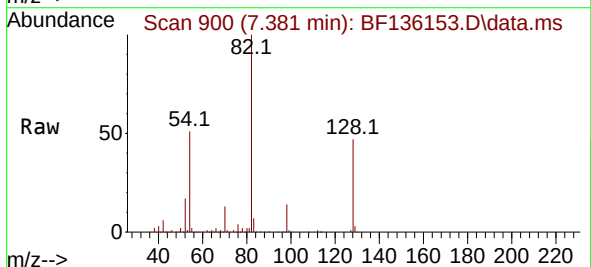
Instrument :
BNA_F
ClientSampleId :
SP-A

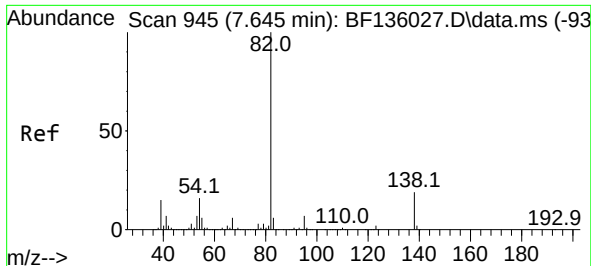
Tgt Ion:	136	Resp:	362140
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.1	6.6	9.8
68	4.4	4.8	7.2



#23
Nitrobenzene-d5
Concen: 60.137 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF136153.D
Acq: 06 Nov 2023 14:26

Tgt Ion:	82	Resp:	361265
Ion	Ratio	Lower	Upper
82	100		
128	47.3	38.6	57.8
54	50.7	40.8	61.2

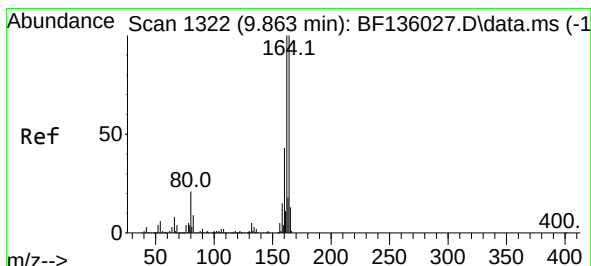
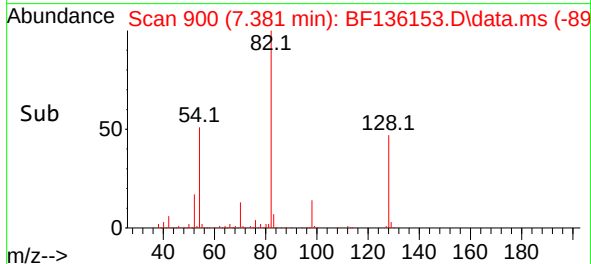
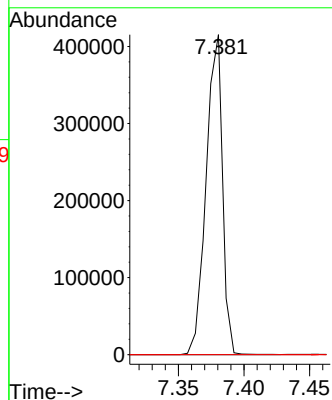
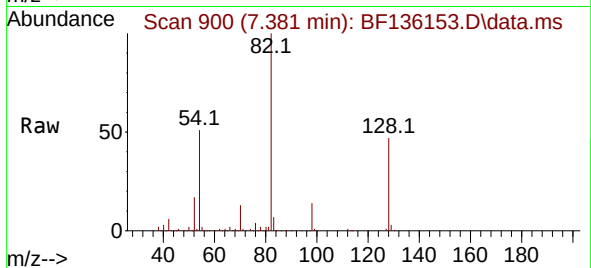




#25
Isophorone
Concen: 31.854 ng
RT: 7.381 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF136153.D
Acq: 06 Nov 2023 14:26

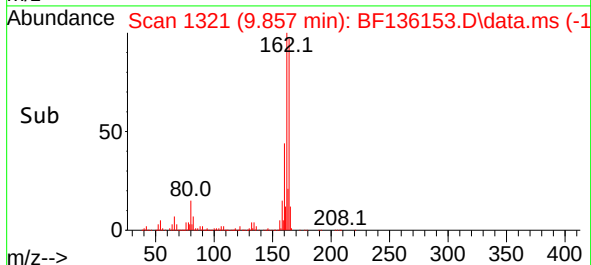
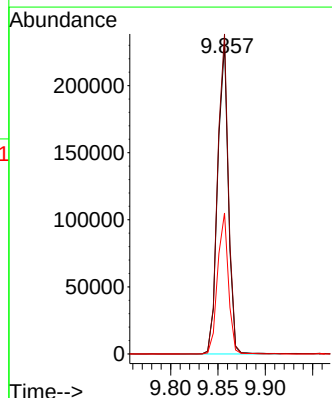
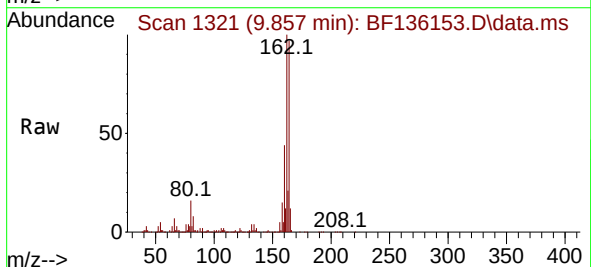
Instrument :
BNA_F
ClientSampleId :
SP-A

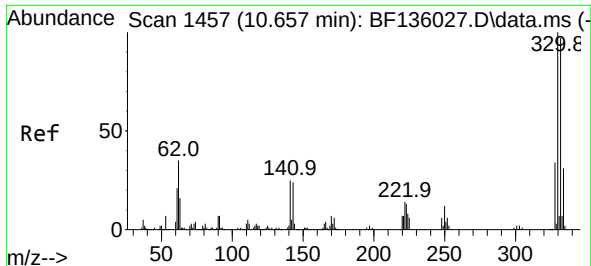
Tgt Ion: 82 Resp: 361259
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 15.3 22.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136153.D
Acq: 06 Nov 2023 14:26

Tgt Ion:164 Resp: 182066
Ion Ratio Lower Upper
164 100
162 103.3 80.1 120.1
160 45.5 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 77.556 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF136153.D

Acq: 06 Nov 2023 14:26

Instrument :

BNA_F

ClientSampleId :

SP-A

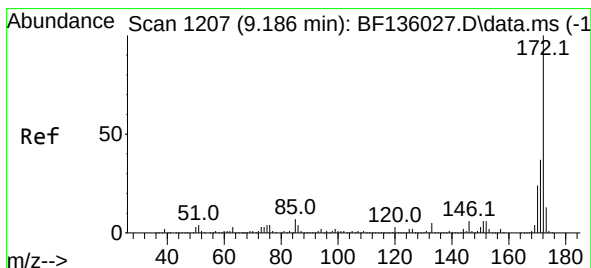
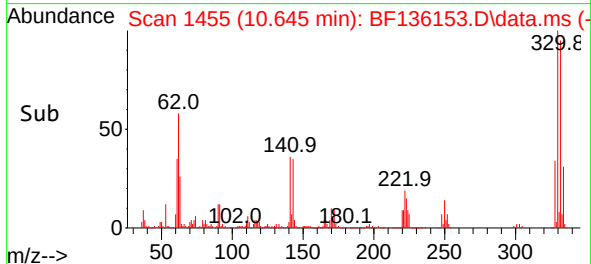
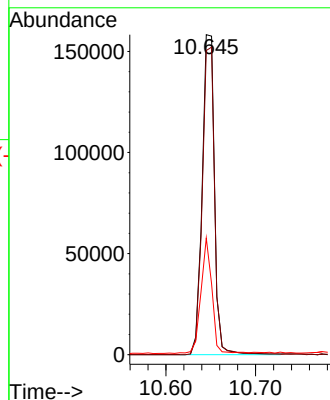
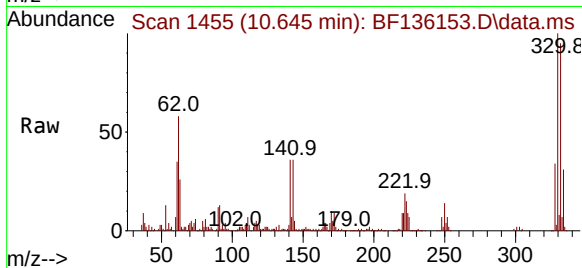
Tgt Ion:330 Resp: 150717

Ion Ratio Lower Upper

330 100

332 95.9 76.9 115.3

141 31.7 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 61.717 ng

RT: 9.180 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF136153.D

Acq: 06 Nov 2023 14:26

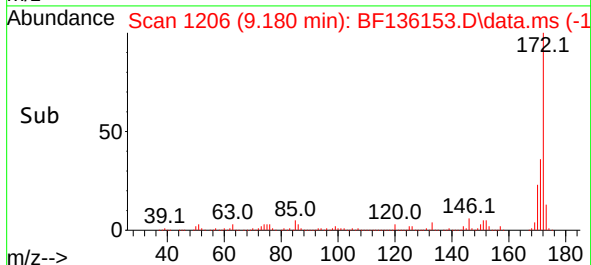
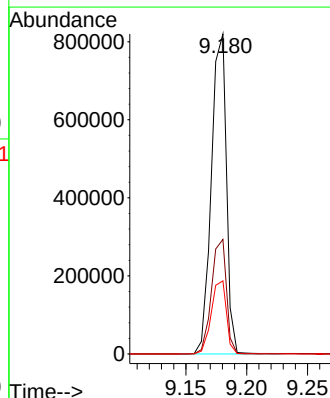
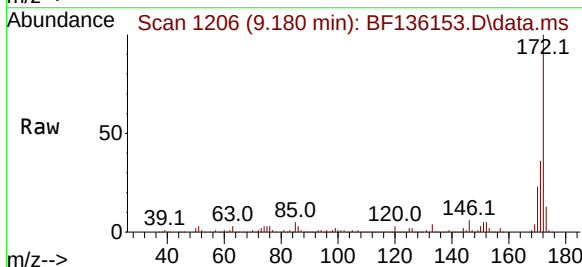
Tgt Ion:172 Resp: 704890

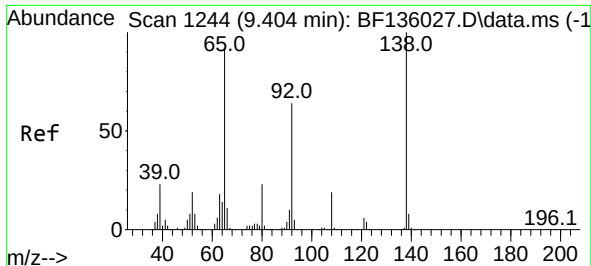
Ion Ratio Lower Upper

172 100

171 35.8 29.4 44.0

170 22.8 19.3 28.9

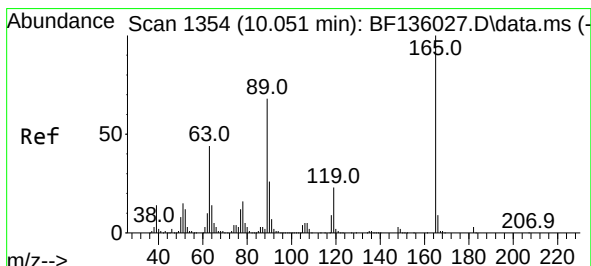
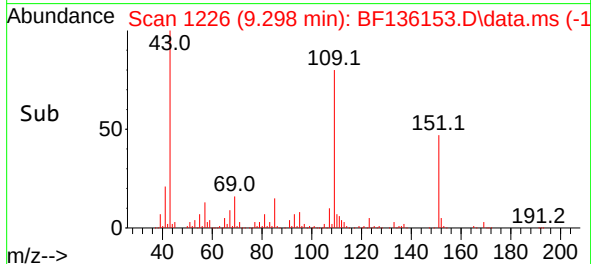
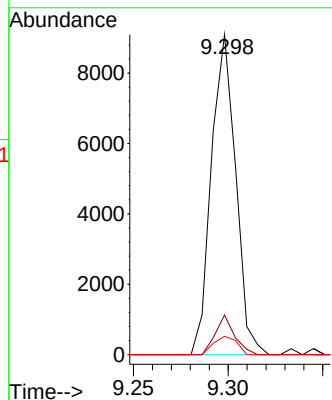
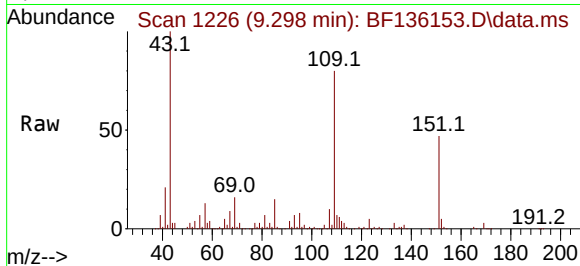




#48
2-Nitroaniline
Concen: 2.684 ng
RT: 9.298 min Scan# 11
Delta R.T. -0.106 min
Lab File: BF136153.D
Acq: 06 Nov 2023 14:26

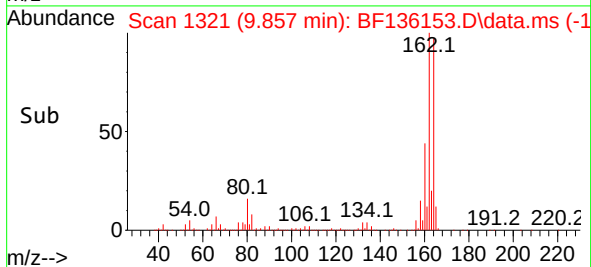
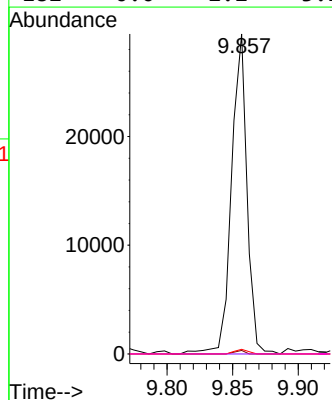
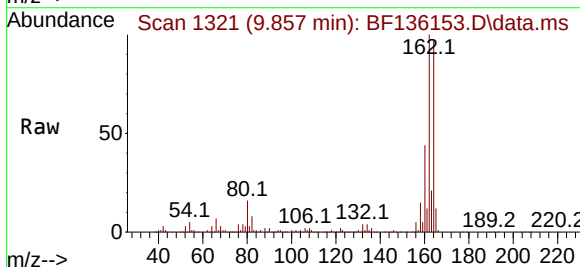
Instrument :
BNA_F
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SP-A

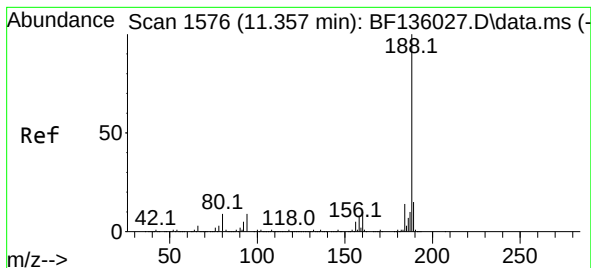
Tgt Ion: 65 Resp: 8127
Ion Ratio Lower Upper
65 100
92 12.4 55.7 83.5#
138 5.8 86.8 130.2#



#57
2,4-Dinitrotoluene
Concen: 7.444 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF136153.D
Acq: 06 Nov 2023 14:26

Tgt Ion: 165 Resp: 24191
Ion Ratio Lower Upper
165 100
63 1.1 35.2 52.8#
89 1.5 54.8 82.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136153.D

Acq: 06 Nov 2023 14:26

Instrument :

BNA_F

ClientSampleId :

SP-A

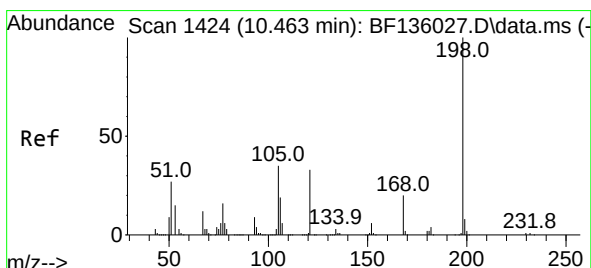
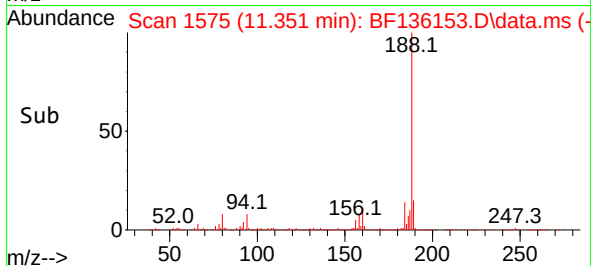
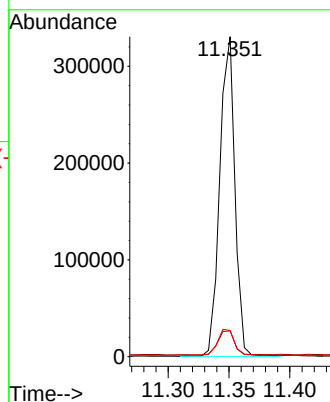
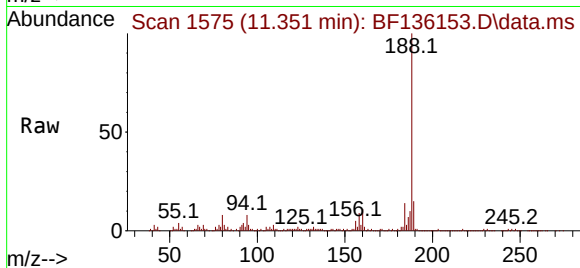
Tgt Ion:188 Resp: 285747

Ion Ratio Lower Upper

188 100

94 8.1 7.2 10.8

80 8.2 7.4 11.0



#65

4,6-Dinitro-2-methylphenol

Concen: 5.830 ng

RT: 10.569 min Scan# 1442

Delta R.T. 0.112 min

Lab File: BF136153.D

Acq: 06 Nov 2023 14:26

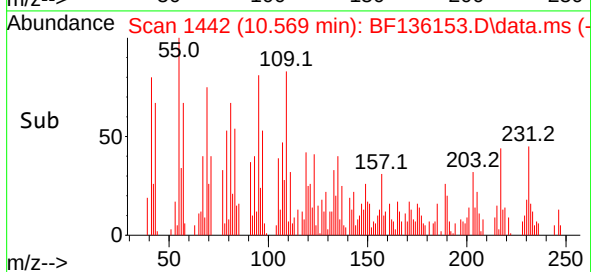
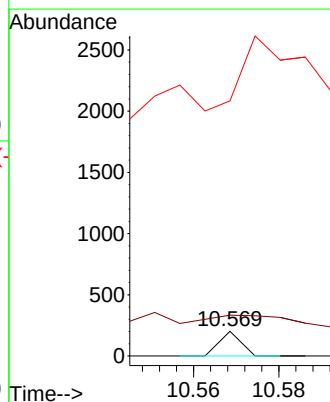
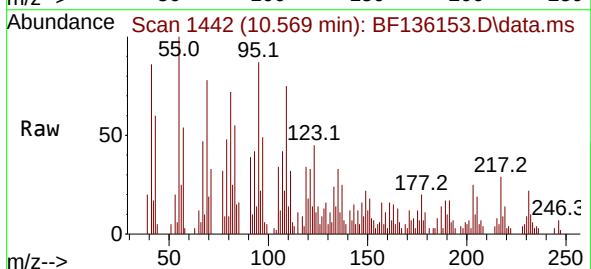
Tgt Ion:198 Resp: 71

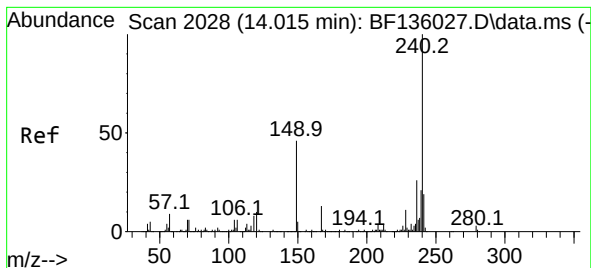
Ion Ratio Lower Upper

198 100

51 165.3 12.9 52.9#

105 1031.7 16.0 56.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136153.D

Acq: 06 Nov 2023 14:26

Instrument :

BNA_F

ClientSampleId :

SP-A

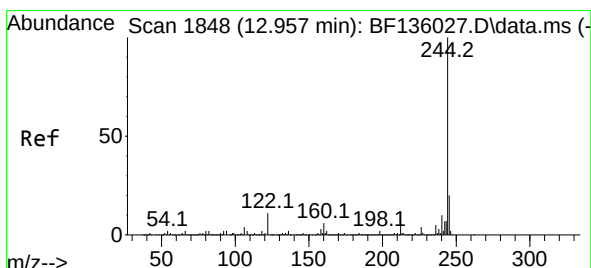
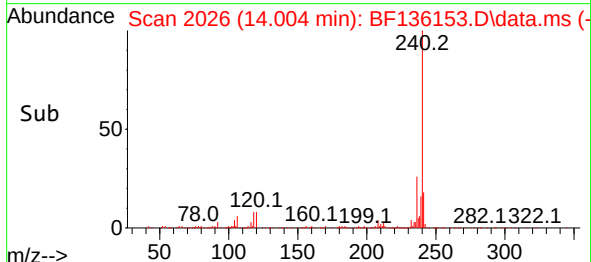
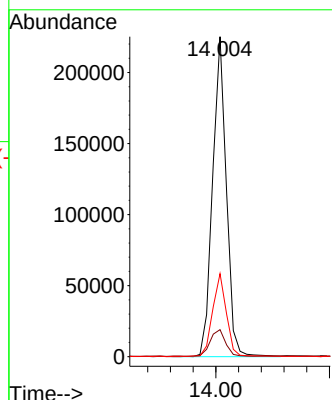
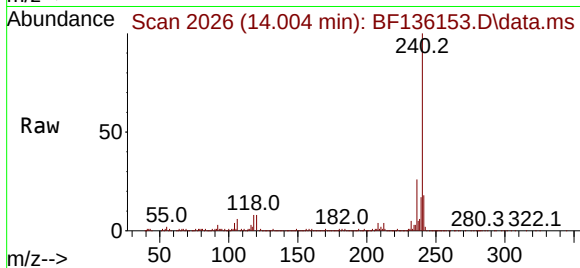
Tgt Ion:240 Resp: 188767

Ion Ratio Lower Upper

240 100

120 8.4 7.6 11.4

236 26.0 20.6 31.0



#79

Terphenyl-d14

Concen: 45.913 ng

RT: 12.951 min Scan# 1847

Delta R.T. -0.000 min

Lab File: BF136153.D

Acq: 06 Nov 2023 14:26

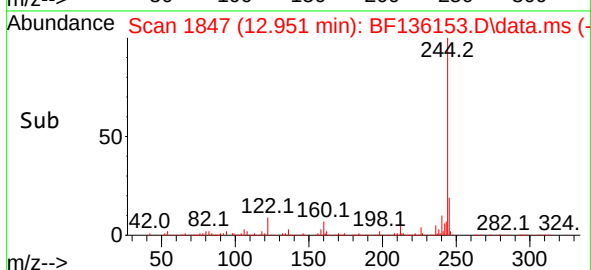
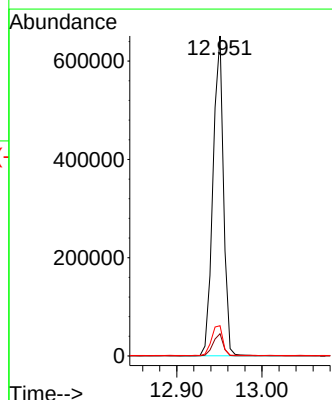
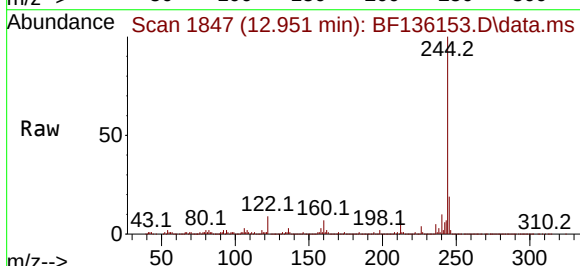
Tgt Ion:244 Resp: 557696

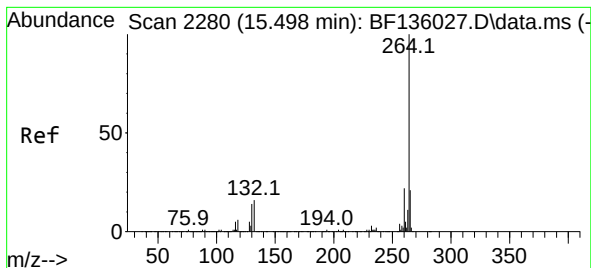
Ion Ratio Lower Upper

244 100

212 6.9 5.1 7.7

122 9.5 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF136153.D

Acq: 06 Nov 2023 14:26

Instrument :

BNA_F

ClientSampleId :

SP-A

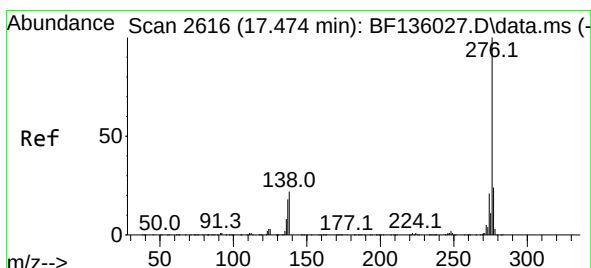
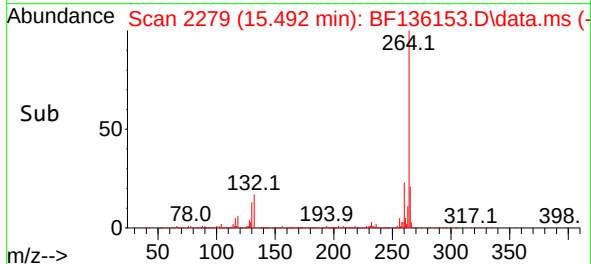
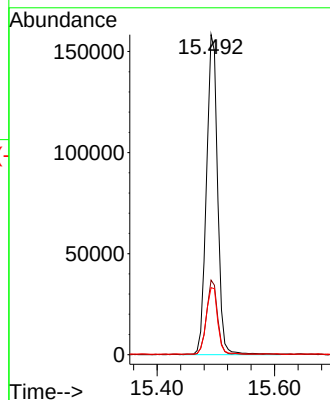
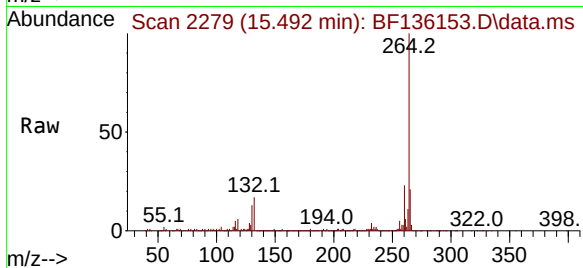
Tgt Ion:264 Resp: 207939

Ion Ratio Lower Upper

264 100

260 23.3 17.9 26.9

265 21.0 16.8 25.2



#92

Benzo(g,h,i)perylene

Concen: 2.905 ng

RT: 17.468 min Scan# 2615

Delta R.T. -0.006 min

Lab File: BF136153.D

Acq: 06 Nov 2023 14:26

Tgt Ion:276 Resp: 132

Ion Ratio Lower Upper

276 100

277 0.0 19.0 28.4#

138 0.0 17.4 26.2#

