

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
 Data File : BF136152.D
 Acq On : 06 Nov 2023 13:56
 Operator : CG\JU
 Sample : 05243-03RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-AT-4.5-5.0

Quant Time: Nov 06 14:20:06 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)

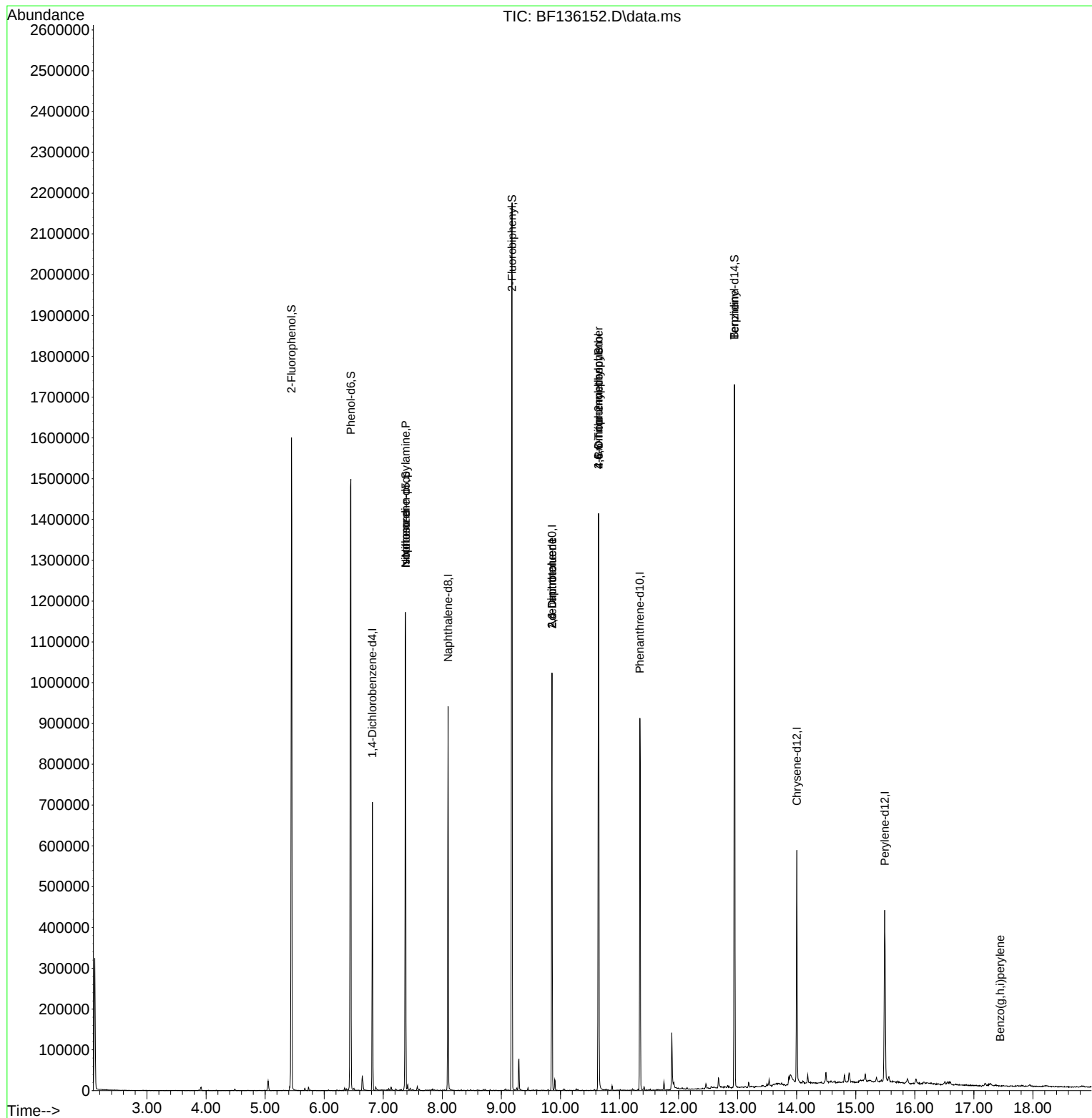
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	90507	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	357058	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	183676	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	334893	20.000	ng	0.00
76) Chrysene-d12	14.004	240	180852	20.000	ng	0.00
86) Perylene-d12	15.492	264	202031	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	456475	79.255	ng	0.00
7) Phenol-d6	6.451	99	562377	78.368	ng	0.00
23) Nitrobenzene-d5	7.381	82	358025	60.446	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	164156	83.731	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	667209	57.906	ng	0.00
79) Terphenyl-d14	12.945	244	628707	54.024	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	47096	11.486	ng	# 78
25) Isophorone	7.381	82	358021	32.017	ng	# 64
51) 2,6-Dinitrotoluene	9.857	165	23741	9.162	ng	# 28
57) 2,4-Dinitrotoluene	9.857	165	23741	7.241	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.645	198	277	5.923	ng	# 1
67) 4-Bromophenyl-phenylether	10.645	248	10421	2.968	ng	# 1
77) Benzidine	12.945	184	8290	2.352	ng	# 94
92) Benzo(g,h,i)perylene	17.445	276	445	2.929	ng	# 53

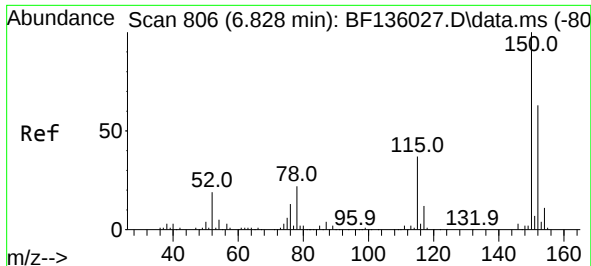
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Nov 06 00:53:35 2023
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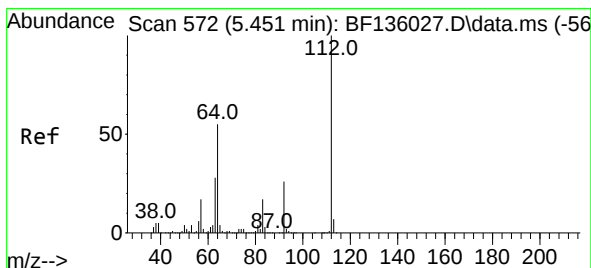
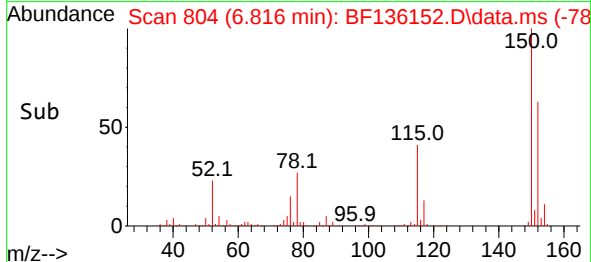
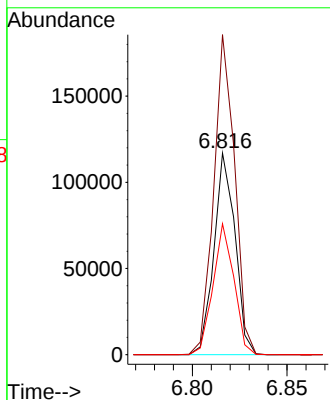
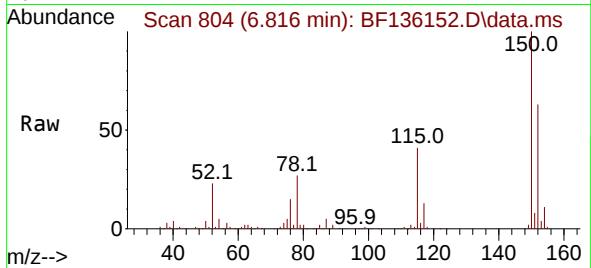




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF136152.D
Acq: 06 Nov 2023 13:56

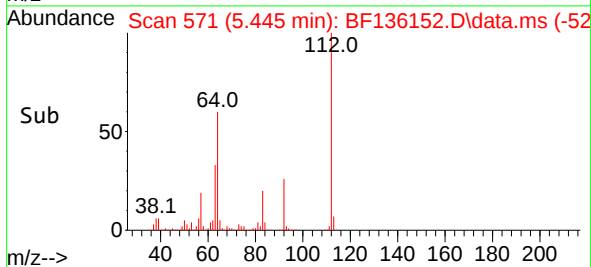
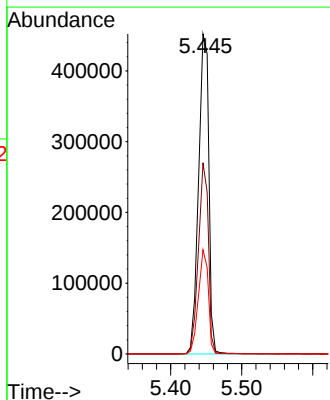
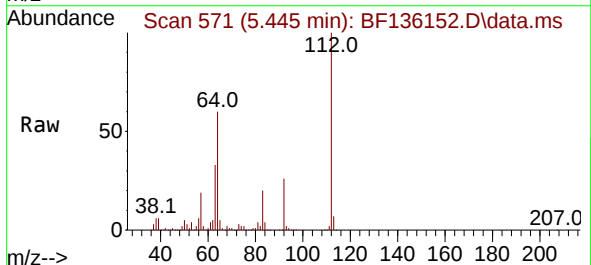
Instrument :
BNA_F
ClientSampleId :
SB-11-AT-4.5-5.0

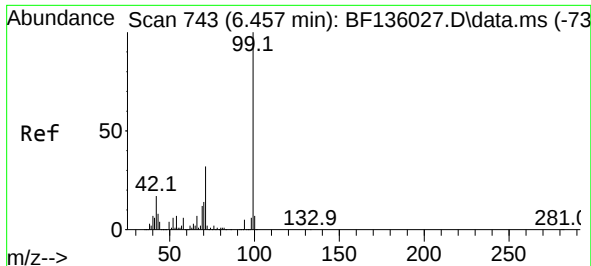
Tgt Ion:152 Resp: 90507
Ion Ratio Lower Upper
152 100
150 158.7 126.4 189.6
115 64.9 47.0 70.4



#5
2-Fluorophenol
Concen: 79.255 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.000 min
Lab File: BF136152.D
Acq: 06 Nov 2023 13:56

Tgt Ion:112 Resp: 456475
Ion Ratio Lower Upper
112 100
64 59.8 43.9 65.9
63 32.5 22.4 33.6

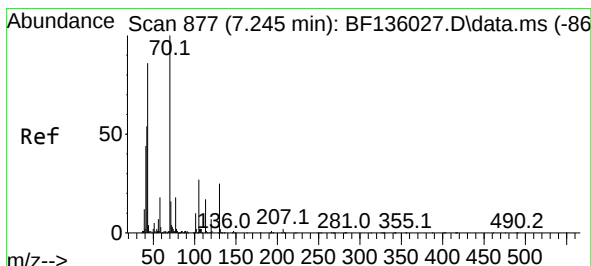
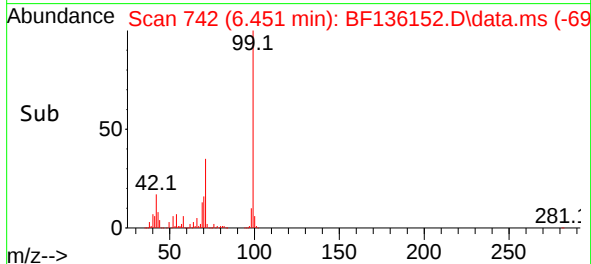
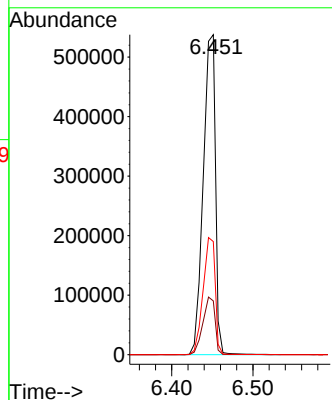
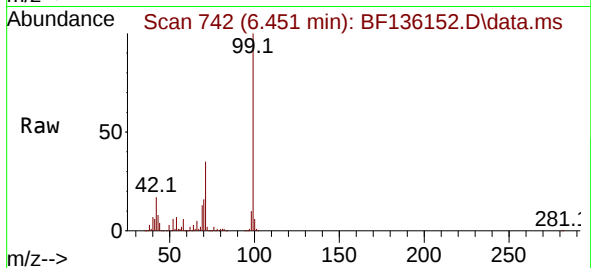




#7
Phenol-d6
Concen: 78.368 ng
RT: 6.451 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136152.D
Acq: 06 Nov 2023 13:56

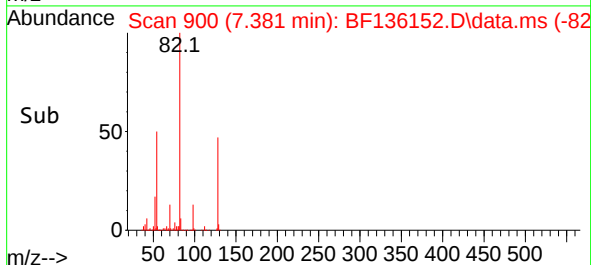
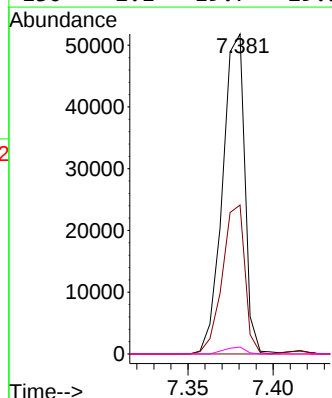
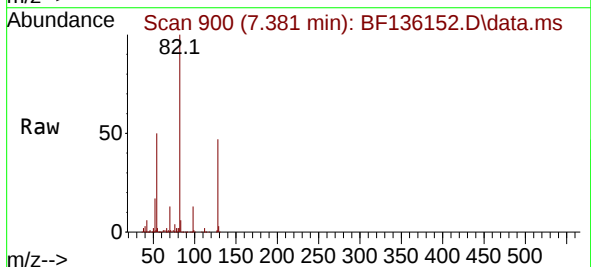
Instrument :
BNA_F
ClientSampleId :
SB-11-AT-4.5-5.0

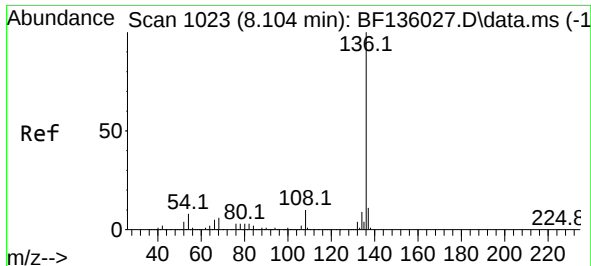
Tgt Ion: 99 Resp: 562377
Ion Ratio Lower Upper
99 100
42 16.8 13.7 20.5
71 35.3 25.9 38.9



#19
n-Nitroso-di-n-propylamine
Concen: 11.486 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF136152.D
Acq: 06 Nov 2023 13:56

Tgt Ion: 70 Resp: 47096
Ion Ratio Lower Upper
70 100
42 46.5 43.0 64.4
101 0.0 8.0 12.0#
130 2.1 19.7 29.5#

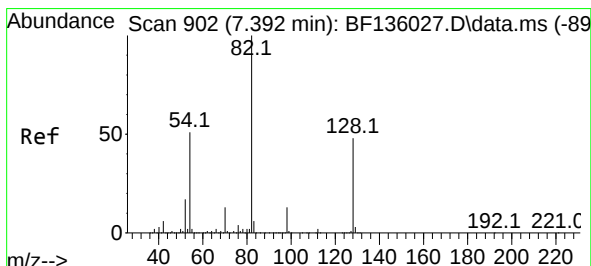
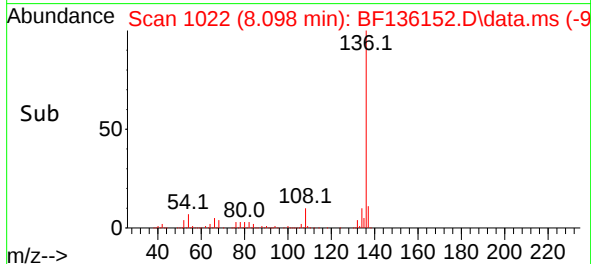
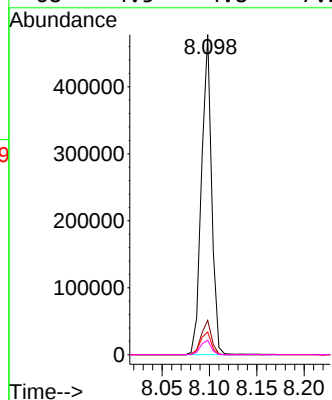
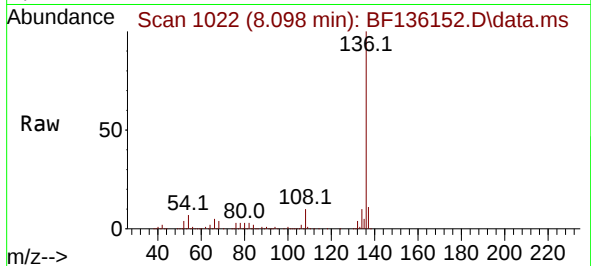




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF136152.D
Acq: 06 Nov 2023 13:56

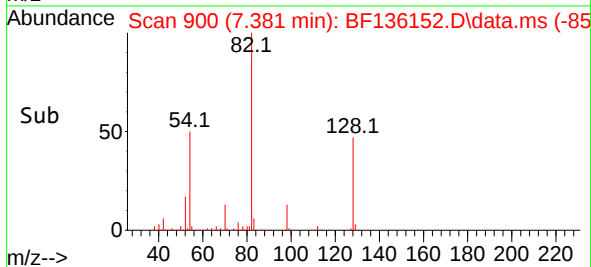
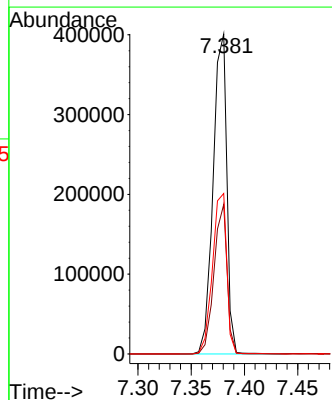
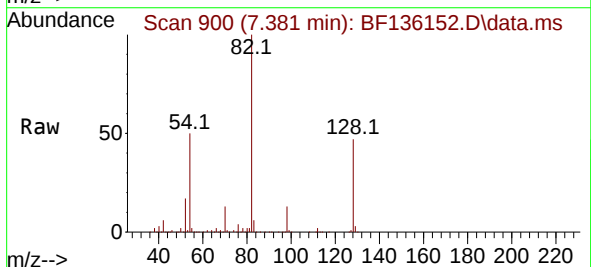
Instrument :
BNA_F
ClientSampleId :
SB-11-AT-4.5-5.0

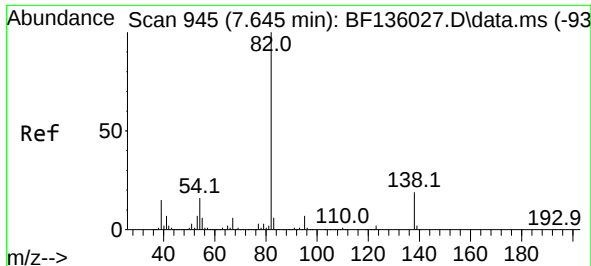
Tgt Ion:	136	Resp:	357058
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	7.1	6.6	9.8
68	4.5	4.8	7.2



#23
Nitrobenzene-d5
Concen: 60.446 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF136152.D
Acq: 06 Nov 2023 13:56

Tgt Ion:	82	Resp:	358025
Ion	Ratio	Lower	Upper
82	100		
128	46.7	38.6	57.8
54	50.2	40.8	61.2

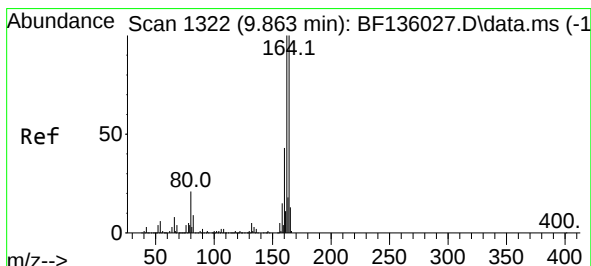
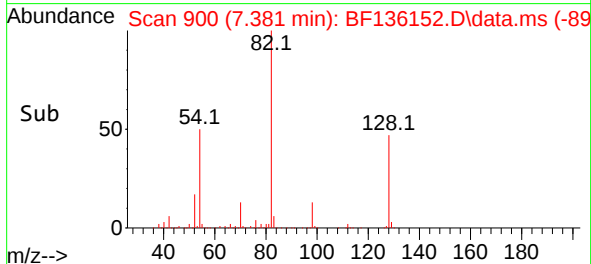
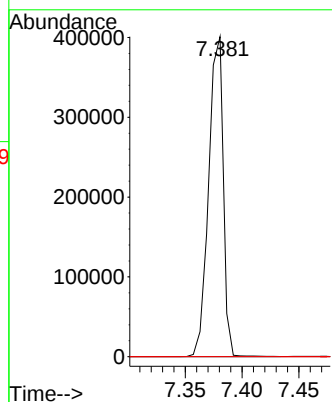
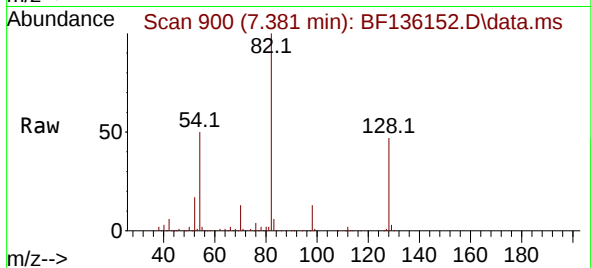




#25
Isophorone
Concen: 32.017 ng
RT: 7.381 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF136152.D
Acq: 06 Nov 2023 13:56

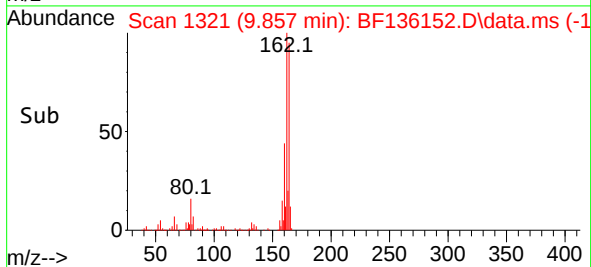
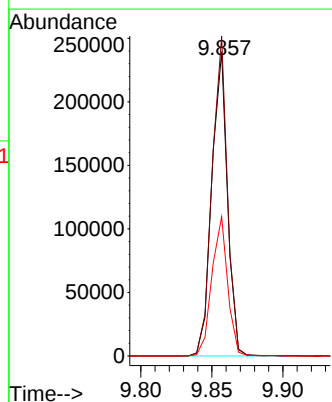
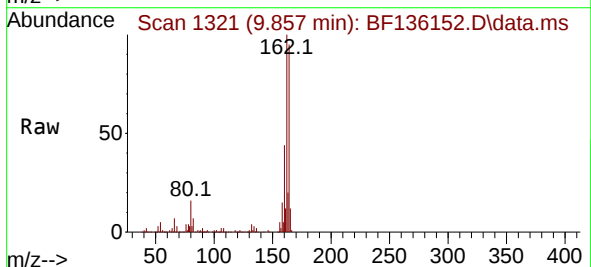
Instrument :
BNA_F
ClientSampleId :
SB-11-AT-4.5-5.0

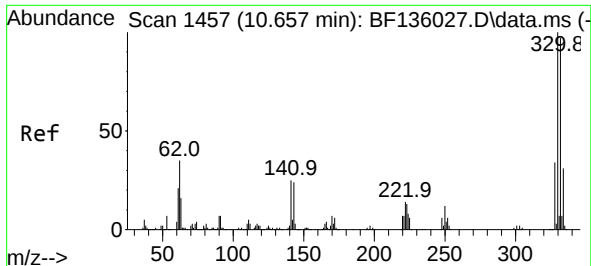
Tgt Ion: 82 Resp: 358021
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 15.3 22.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136152.D
Acq: 06 Nov 2023 13:56

Tgt Ion:164 Resp: 183676
Ion Ratio Lower Upper
164 100
162 105.2 80.1 120.1
160 45.8 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 83.731 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF136152.D

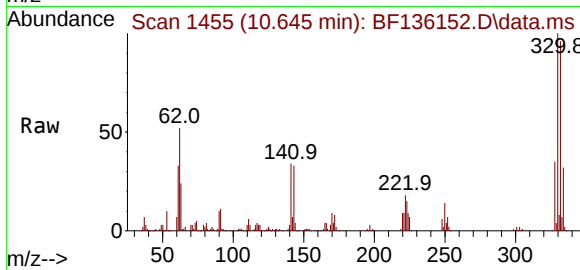
Acq: 06 Nov 2023 13:56

Instrument :

BNA_F

ClientSampleId :

SB-11-AT-4.5-5.0



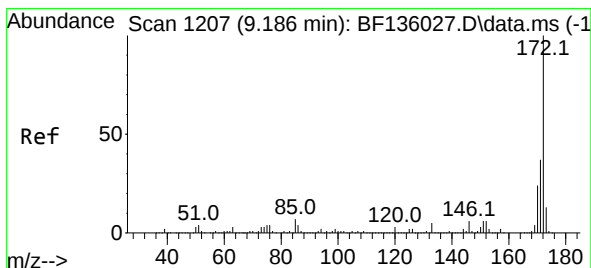
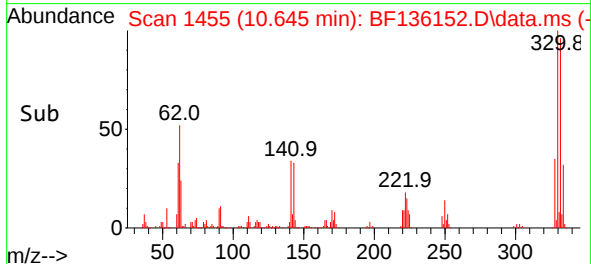
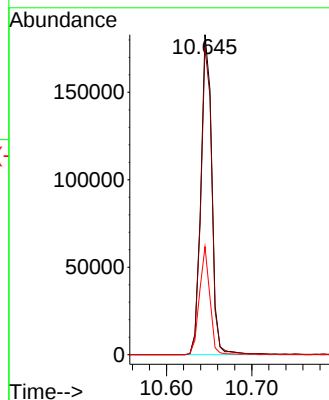
Tgt Ion:330 Resp: 164156

Ion Ratio Lower Upper

330 100

332 96.6 76.9 115.3

141 32.0 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 57.906 ng

RT: 9.180 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF136152.D

Acq: 06 Nov 2023 13:56

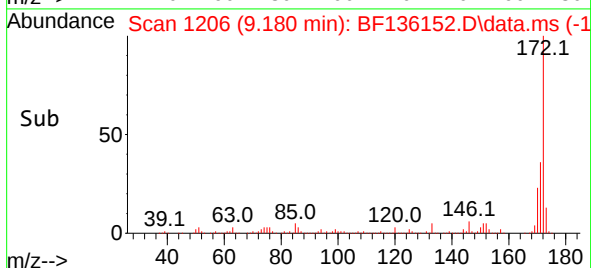
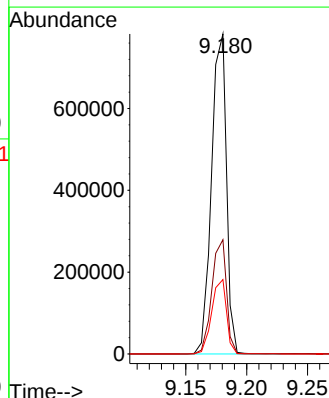
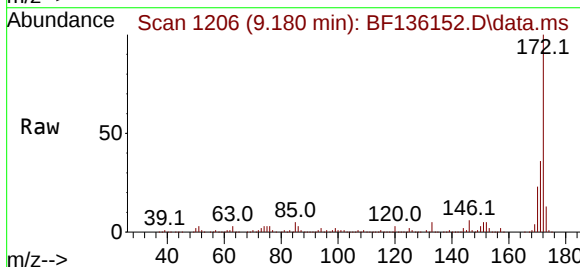
Tgt Ion:172 Resp: 667209

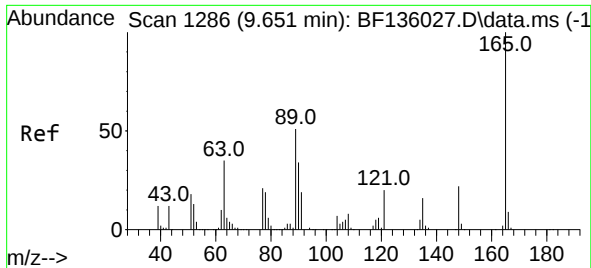
Ion Ratio Lower Upper

172 100

171 35.7 29.4 44.0

170 23.2 19.3 28.9





#51

2,6-Dinitrotoluene

Concen: 9.162 ng

RT: 9.857 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF136152.D

Acq: 06 Nov 2023 13:56

Instrument :

BNA_F

ClientSampleId :

SB-11-AT-4.5-5.0

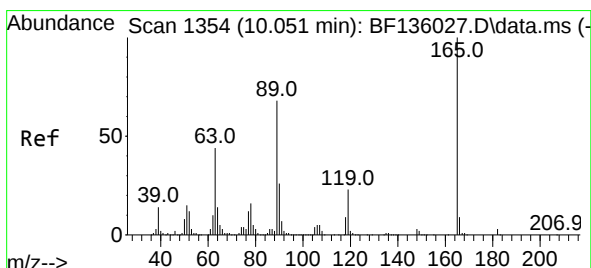
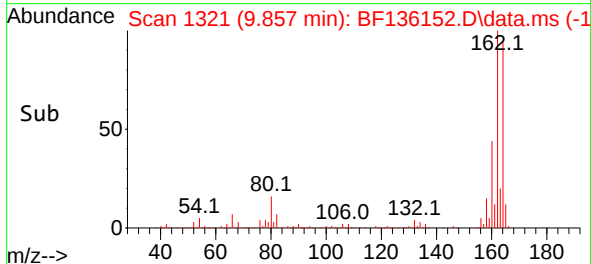
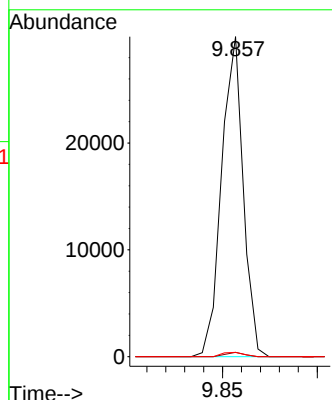
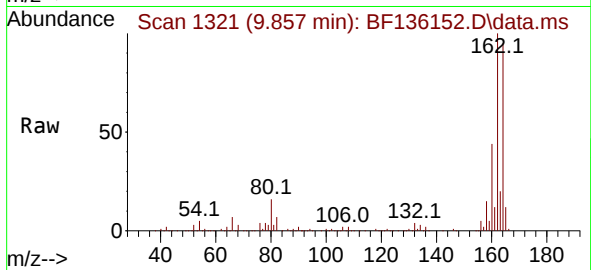
Tgt Ion:165 Resp: 23741

Ion Ratio Lower Upper

165 100

63 1.3 40.8 61.2#

89 1.3 41.1 61.7#



#57

2,4-Dinitrotoluene

Concen: 7.241 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.194 min

Lab File: BF136152.D

Acq: 06 Nov 2023 13:56

Tgt Ion:165 Resp: 23741

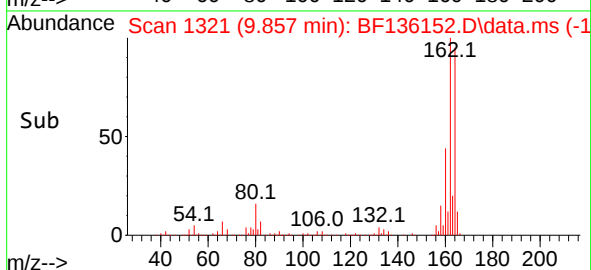
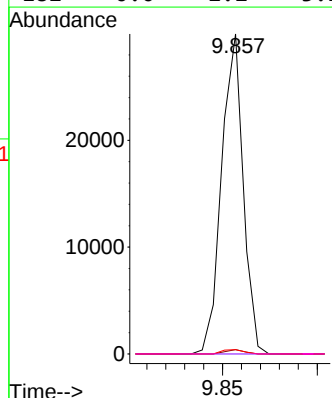
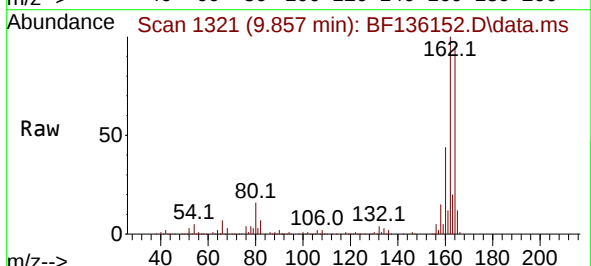
Ion Ratio Lower Upper

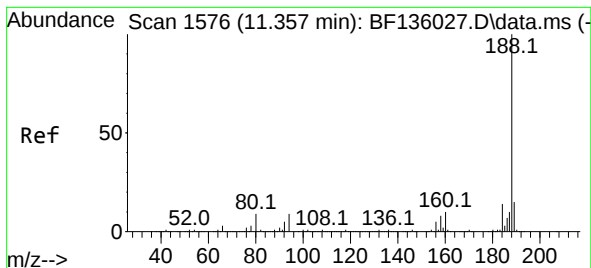
165 100

63 1.3 35.2 52.8#

89 1.3 54.8 82.2#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136152.D

Acq: 06 Nov 2023 13:56

Instrument :

BNA_F

ClientSampleId :

SB-11-AT-4.5-5.0

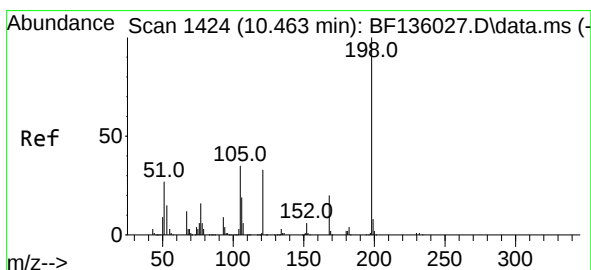
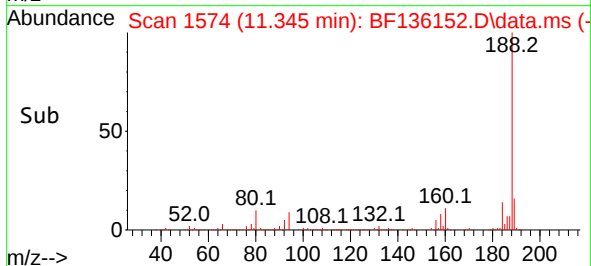
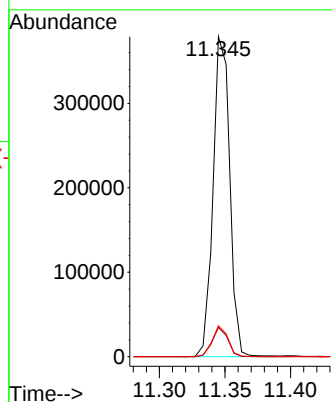
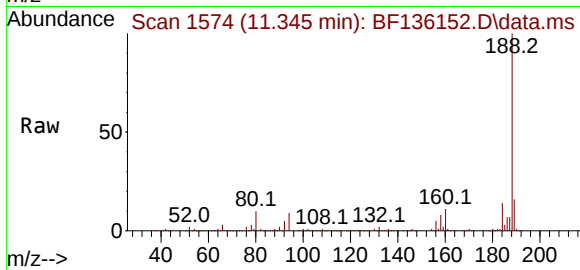
Tgt Ion:188 Resp: 334893

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

80 9.7 7.4 11.0



#65

4,6-Dinitro-2-methylphenol

Concen: 5.923 ng

RT: 10.645 min Scan# 1455

Delta R.T. 0.188 min

Lab File: BF136152.D

Acq: 06 Nov 2023 13:56

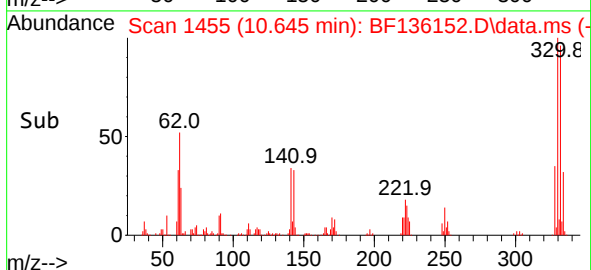
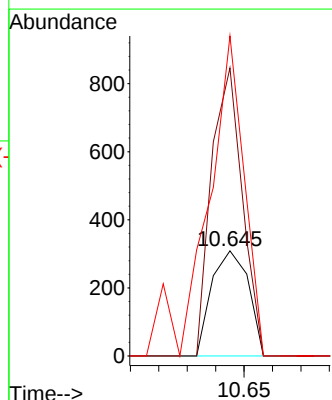
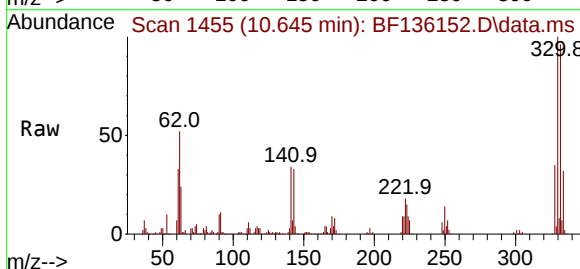
Tgt Ion:198 Resp: 277

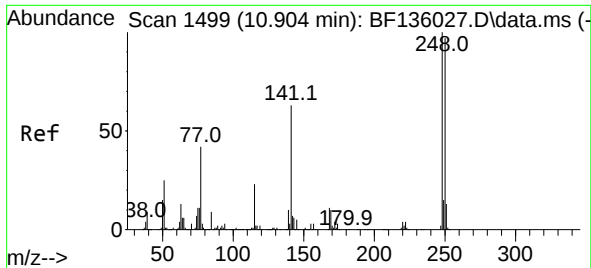
Ion Ratio Lower Upper

198 100

51 273.8 12.9 52.9#

105 304.2 16.0 56.0#

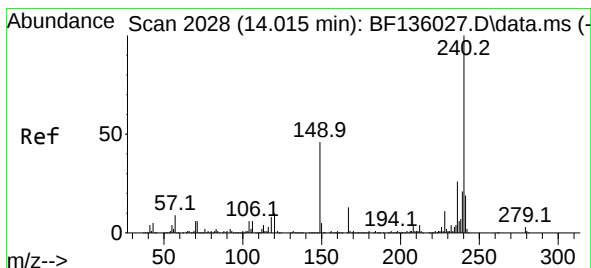
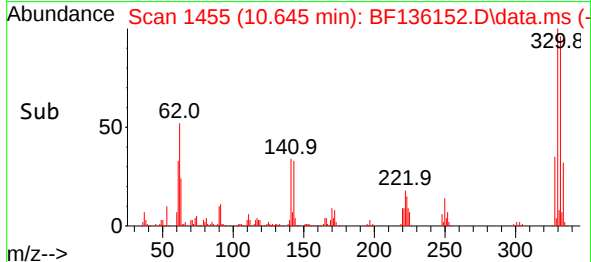
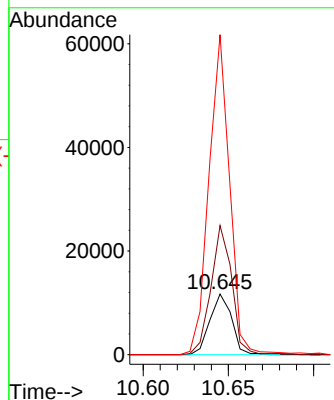
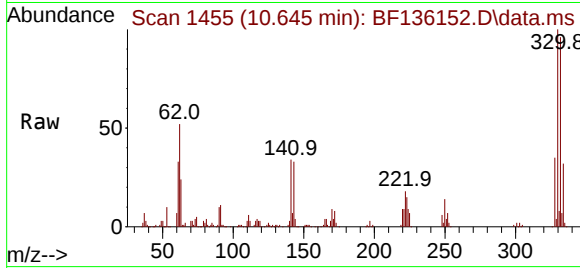




#67
4-Bromophenyl-phenylether
Concen: 2.968 ng
RT: 10.645 min Scan# 1499
Delta R.T. -0.253 min
Lab File: BF136152.D
Acq: 06 Nov 2023 13:56

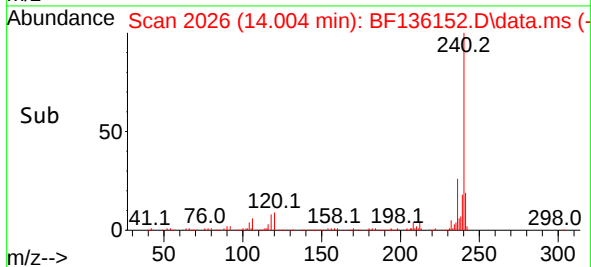
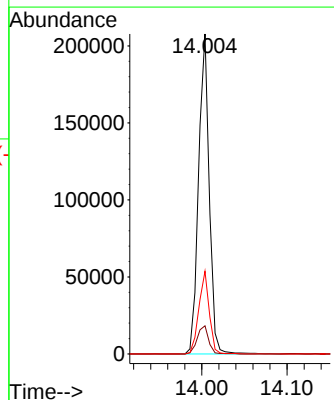
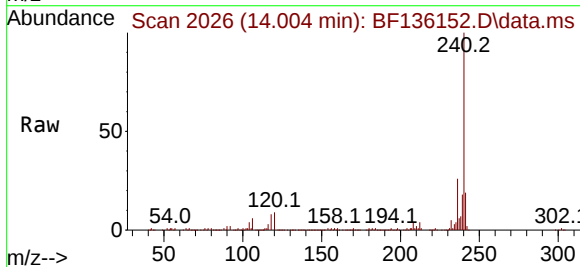
Instrument :
BNA_F
ClientSampleId :
SB-11-AT-4.5-5.0

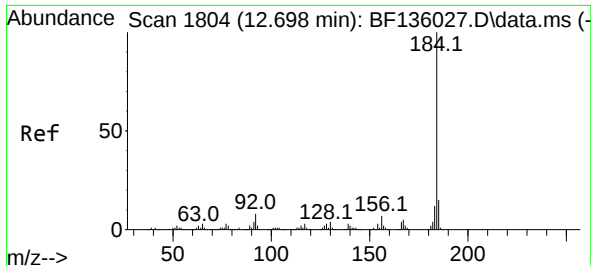
Tgt Ion:248 Resp: 10421
Ion Ratio Lower Upper
248 100
250 212.6 77.6 116.4#
141 527.1 50.4 75.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF136152.D
Acq: 06 Nov 2023 13:56

Tgt Ion:240 Resp: 180852
Ion Ratio Lower Upper
240 100
120 8.8 7.6 11.4
236 25.9 20.6 31.0

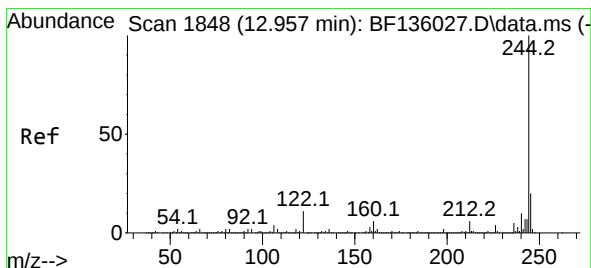
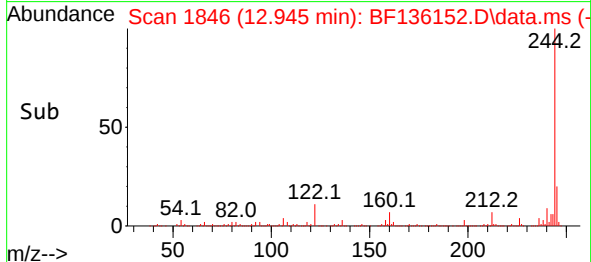
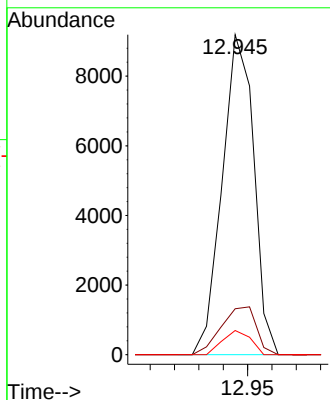
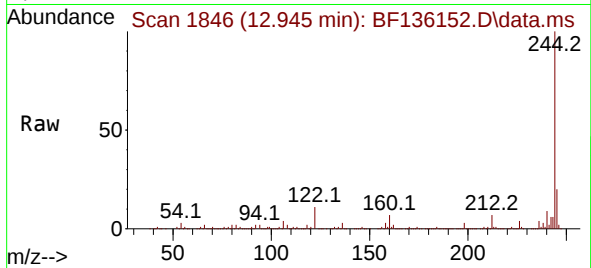




#77
Benzidine
Concen: 2.352 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.247 min
Lab File: BF136152.D
Acq: 06 Nov 2023 13:56

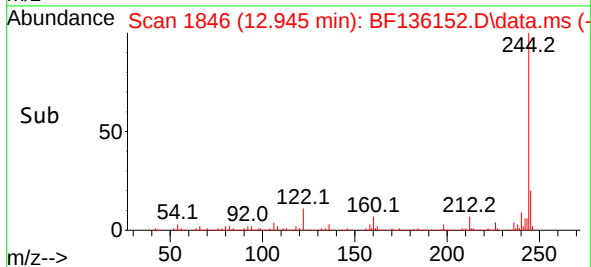
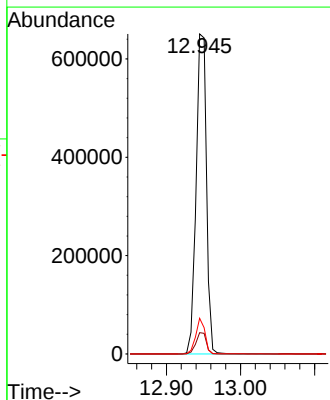
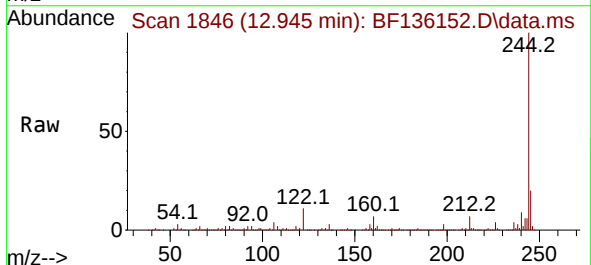
Instrument :
BNA_F
ClientSampleId :
SB-11-AT-4.5-5.0

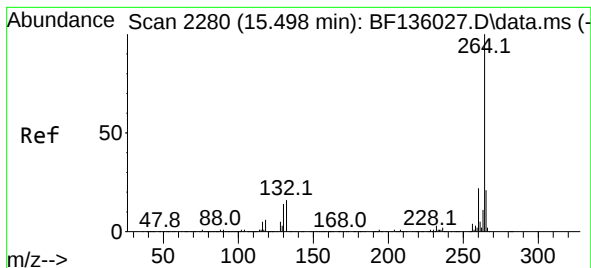
Tgt Ion:184 Resp: 8290
Ion Ratio Lower Upper
184 100
185 14.4 11.8 17.8
183 7.5 9.5 14.3#



#79
Terphenyl-d14
Concen: 54.024 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.006 min
Lab File: BF136152.D
Acq: 06 Nov 2023 13:56

Tgt Ion:244 Resp: 628707
Ion Ratio Lower Upper
244 100
212 6.6 5.1 7.7
122 11.2 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: BF136152.D

Acq: 06 Nov 2023 13:56

Instrument :

BNA_F

ClientSampleId :

SB-11-AT-4.5-5.0

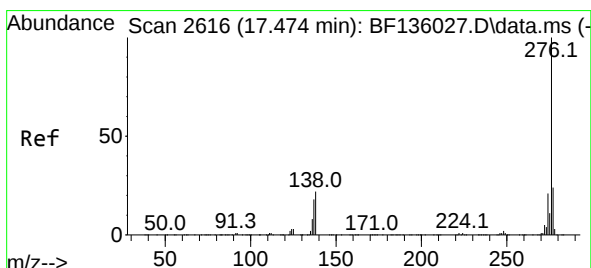
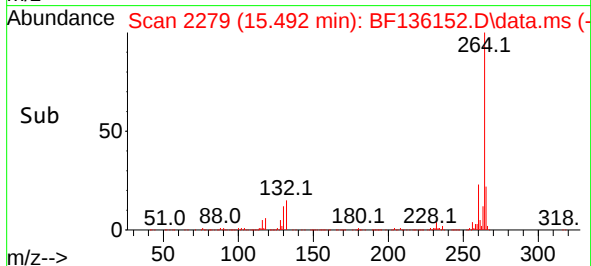
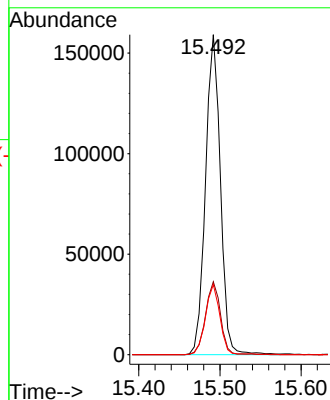
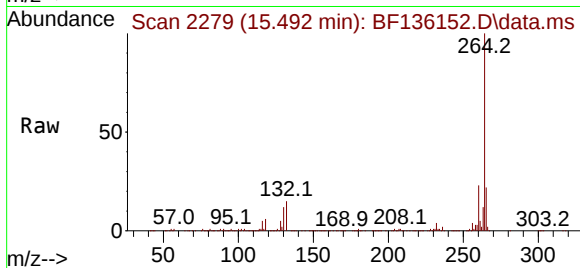
Tgt Ion:264 Resp: 202031

Ion Ratio Lower Upper

264 100

260 22.8 17.9 26.9

265 21.9 16.8 25.2



#92

Benzo(g,h,i)perylene

Concen: 2.929 ng

RT: 17.445 min Scan# 2611

Delta R.T. -0.029 min

Lab File: BF136152.D

Acq: 06 Nov 2023 13:56

Tgt Ion:276 Resp: 445

Ion Ratio Lower Upper

276 100

277 0.0 19.0 28.4#

138 0.0 17.4 26.2#

