

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
 Data File : BF136154.D
 Acq On : 06 Nov 2023 14:56
 Operator : CG\JU
 Sample : 05257-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-3

Quant Time: Nov 06 18:47:01 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)

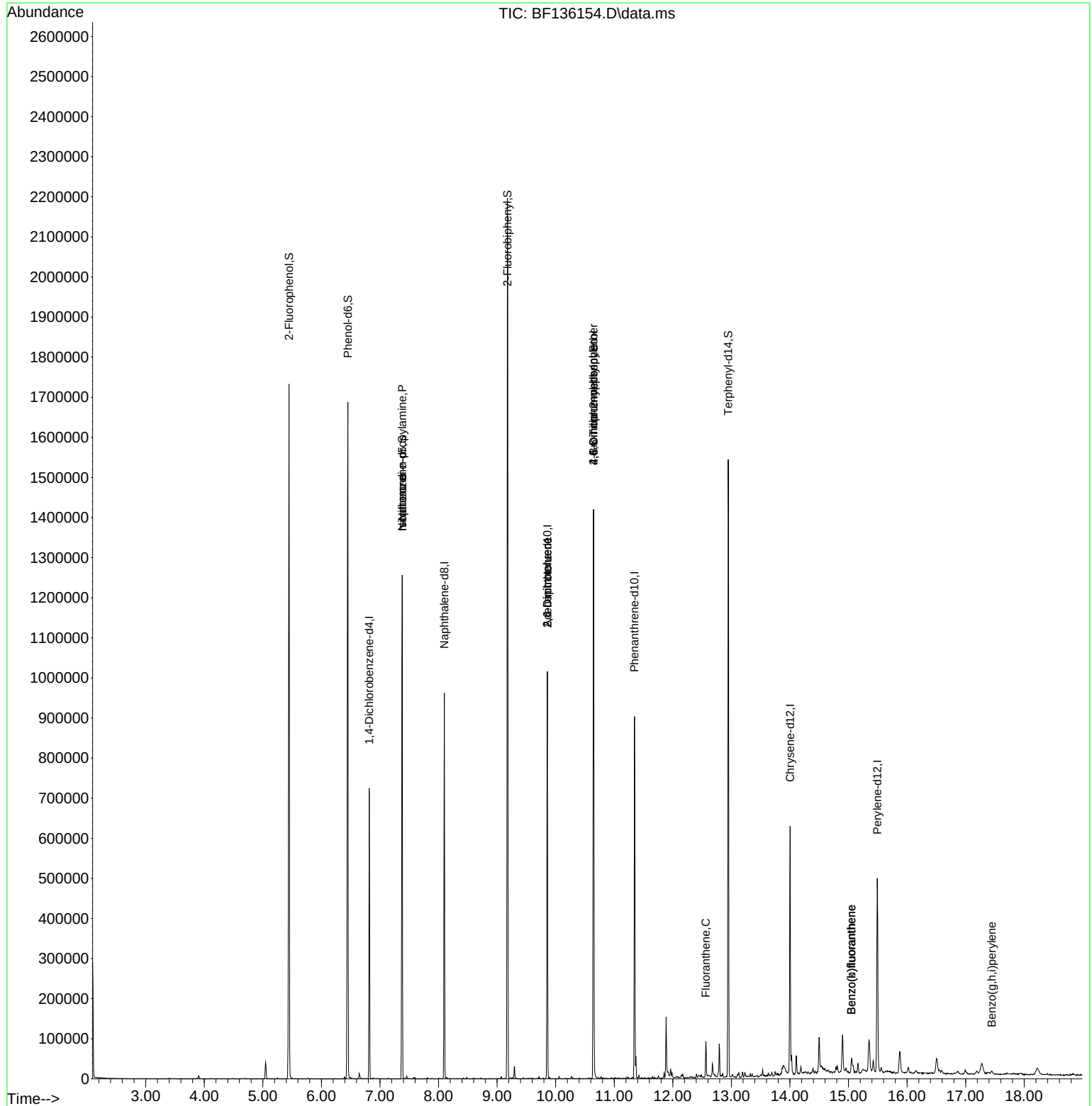
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	92488	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	363688	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	185912	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	318401	20.000	ng	0.00
76) Chrysene-d12	14.004	240	188550	20.000	ng	0.00
86) Perylene-d12	15.492	264	216358	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	460098	78.173	ng	0.00
7) Phenol-d6	6.451	99	579904	79.079	ng	0.00
23) Nitrobenzene-d5	7.381	82	360269	59.716	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	165630	83.467	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	656220	56.268	ng	0.00
79) Terphenyl-d14	12.945	244	551043	45.417	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	47983	11.452	ng	# 78
25) Isophorone	7.381	82	360261	31.630	ng	# 64
51) 2,6-Dinitrotoluene	9.857	165	24033	9.163	ng	# 28
57) 2,4-Dinitrotoluene	9.857	165	24033	7.242	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.645	198	364	5.974	ng	# 1
67) 4-Bromophenyl-phenylether	10.645	248	10462	3.134	ng	# 1
75) Fluoranthene	12.563	202	33789	2.052	ng	97
88) Benzo(b)fluoranthene	15.051	252	26168	2.044	ng	94
89) Benzo(k)fluoranthene	15.051	252	26168	2.066	ng	93
92) Benzo(g,h,i)perylene	17.445	276	6102	3.330	ng	# 90

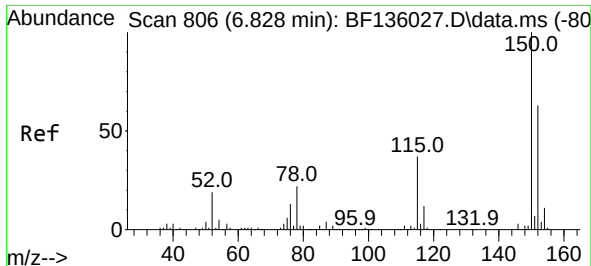
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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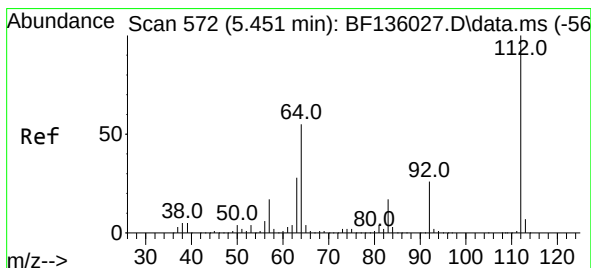
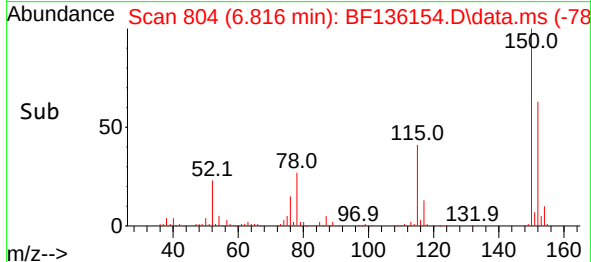
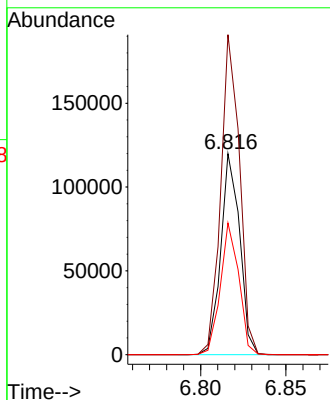
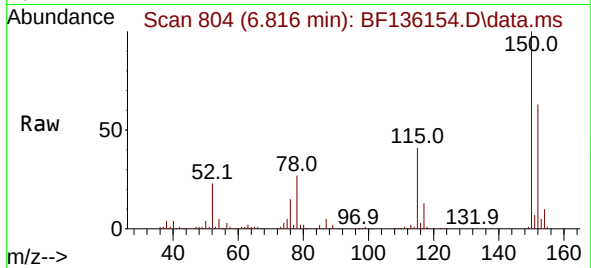




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF136154.D
Acq: 06 Nov 2023 14:56

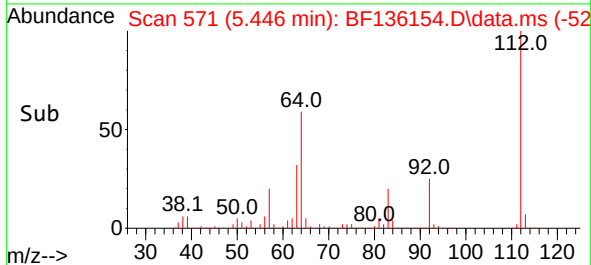
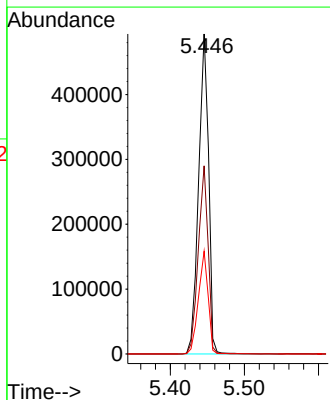
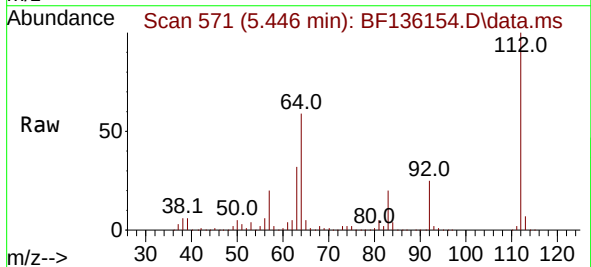
Instrument :
BNA_F
ClientSampleId :
WC-3

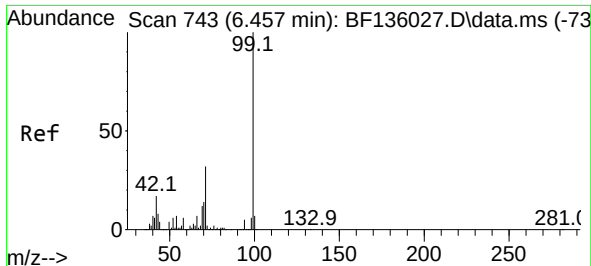
Tgt Ion:152 Resp: 92488
Ion Ratio Lower Upper
152 100
150 159.3 126.4 189.6
115 65.5 47.0 70.4



#5
2-Fluorophenol
Concen: 78.173 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.000 min
Lab File: BF136154.D
Acq: 06 Nov 2023 14:56

Tgt Ion:112 Resp: 460098
Ion Ratio Lower Upper
112 100
64 58.8 43.9 65.9
63 32.1 22.4 33.6

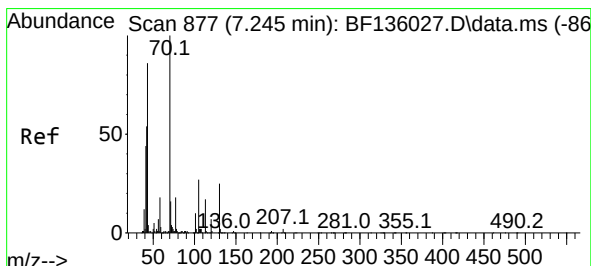
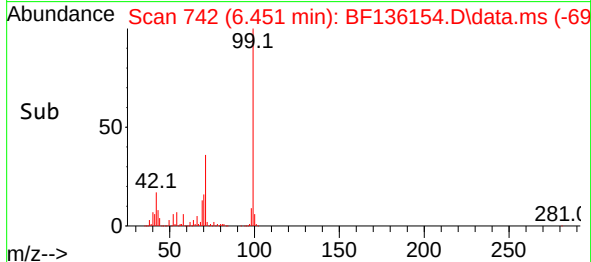
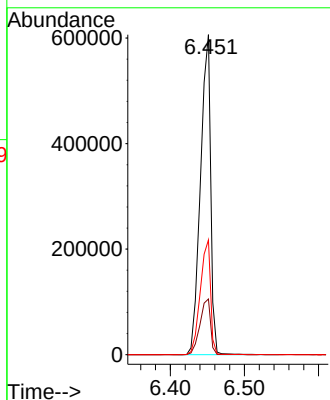
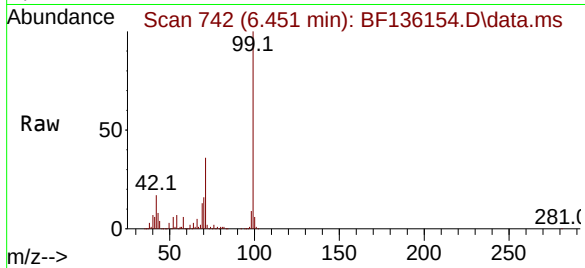




#7
Phenol-d6
Concen: 79.079 ng
RT: 6.451 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF136154.D
Acq: 06 Nov 2023 14:56

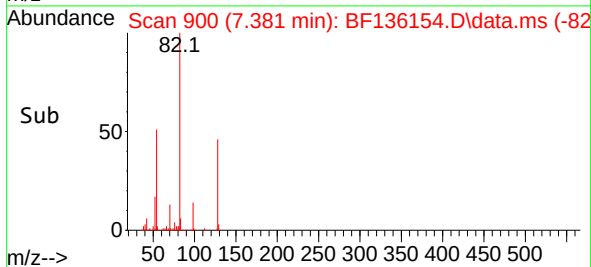
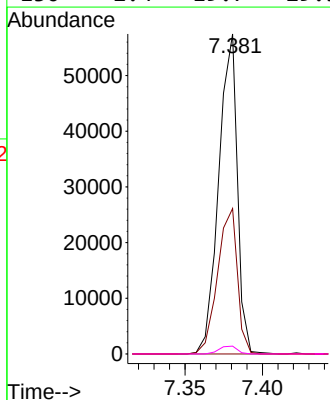
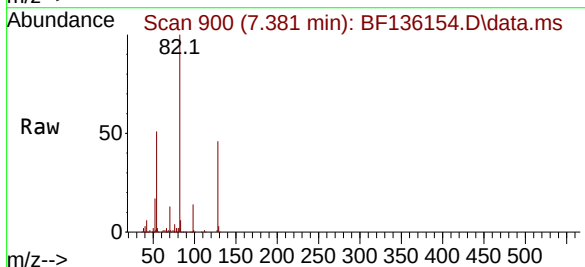
Instrument :
BNA_F
ClientSampleId :
WC-3

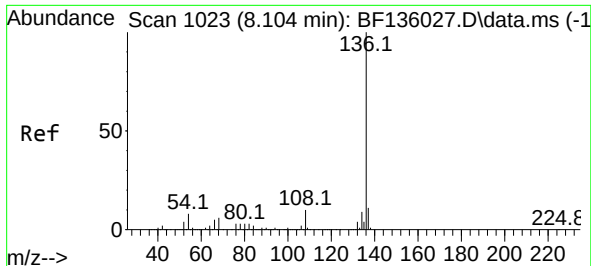
Tgt Ion: 99 Resp: 579904
Ion Ratio Lower Upper
99 100
42 17.4 13.7 20.5
71 35.8 25.9 38.9



#19
n-Nitroso-di-n-propylamine
Concen: 11.452 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF136154.D
Acq: 06 Nov 2023 14:56

Tgt Ion: 70 Resp: 47983
Ion Ratio Lower Upper
70 100
42 45.5 43.0 64.4
101 0.0 8.0 12.0#
130 2.4 19.7 29.5#

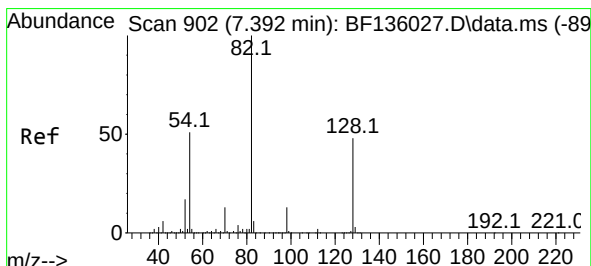
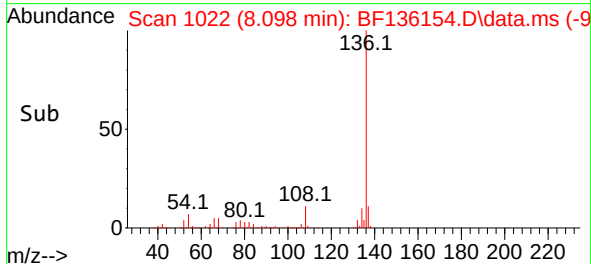
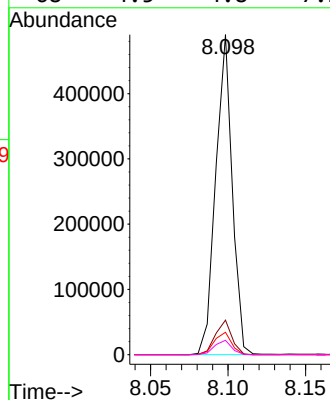
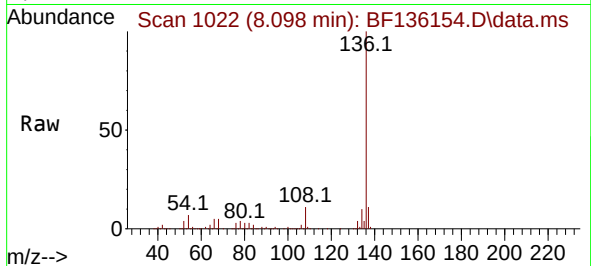




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF136154.D
Acq: 06 Nov 2023 14:56

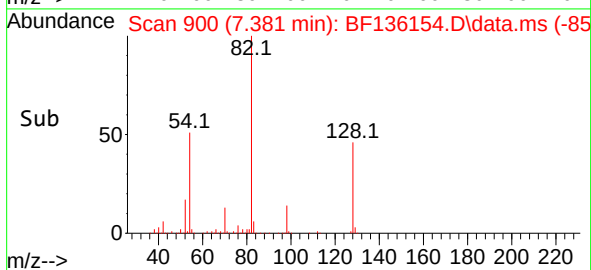
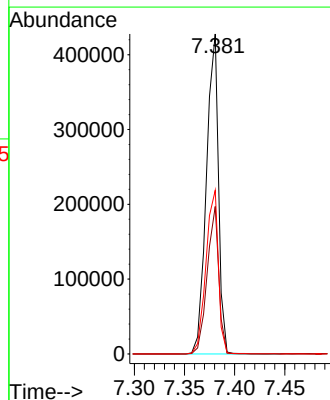
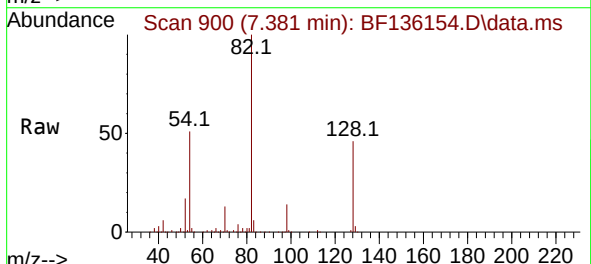
Instrument :
BNA_F
ClientSampleId :
WC-3

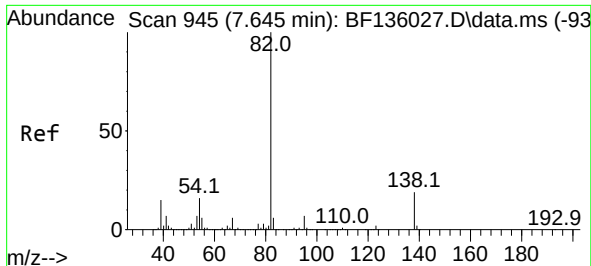
Tgt	Ion:136	Resp:	363688
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	7.0	6.6	9.8
68	4.5	4.8	7.2#



#23
Nitrobenzene-d5
Concen: 59.716 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF136154.D
Acq: 06 Nov 2023 14:56

Tgt Ion: 82	Resp: 360269
Ion Ratio	Lower Upper
82 100	
128 46.1	38.6 57.8
54 51.2	40.8 61.2

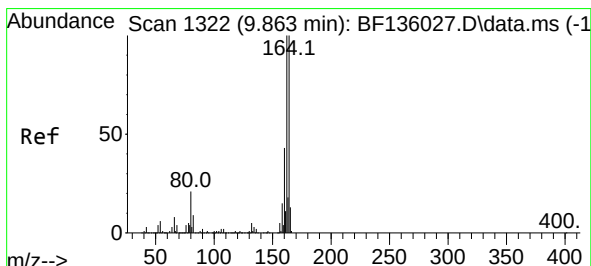
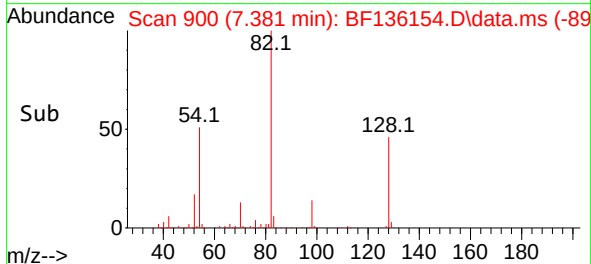
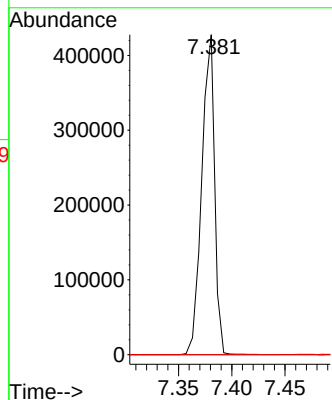
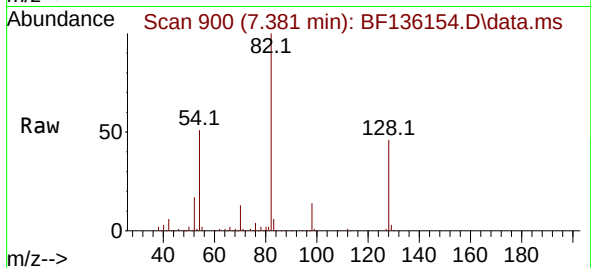




#25
Isophorone
Concen: 31.630 ng
RT: 7.381 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF136154.D
Acq: 06 Nov 2023 14:56

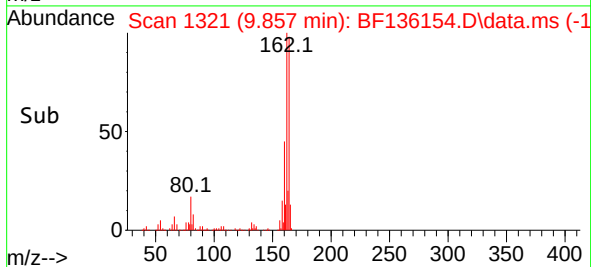
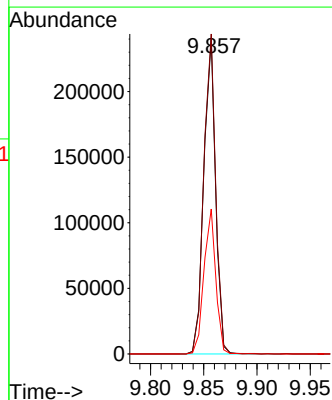
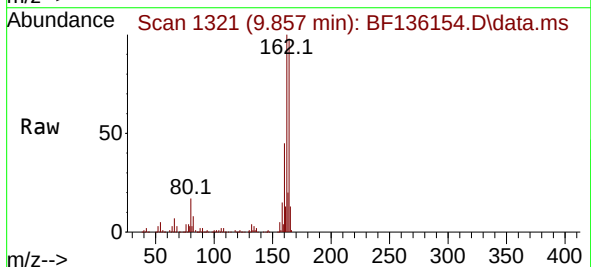
Instrument :
BNA_F
ClientSampleId :
WC-3

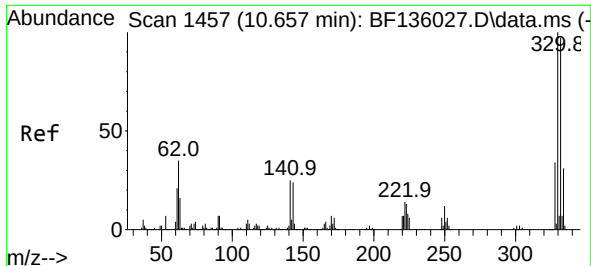
Tgt Ion: 82 Resp: 360261
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 15.3 22.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136154.D
Acq: 06 Nov 2023 14:56

Tgt Ion:164 Resp: 185912
Ion Ratio Lower Upper
164 100
162 101.7 80.1 120.1
160 46.0 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 83.467 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF136154.D

Acq: 06 Nov 2023 14:56

Instrument :

BNA_F

ClientSampleId :

WC-3

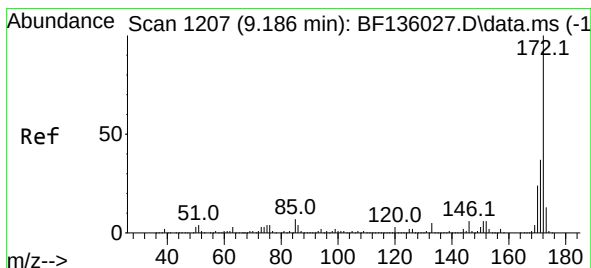
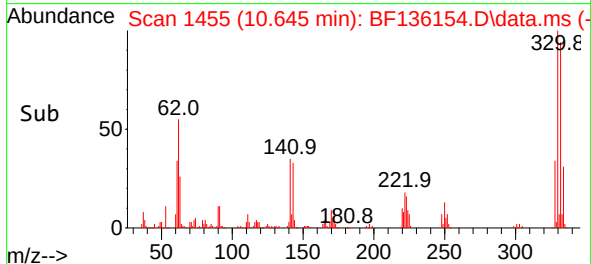
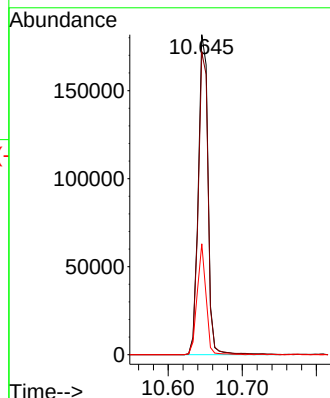
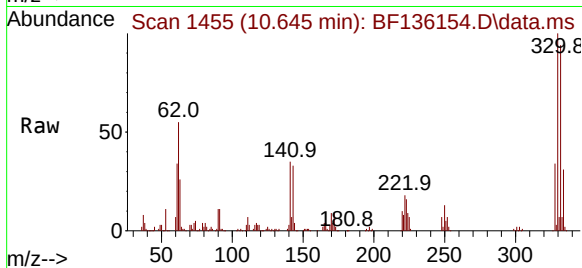
Tgt Ion:330 Resp: 165630

Ion Ratio Lower Upper

330 100

332 95.3 76.9 115.3

141 31.3 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 56.268 ng

RT: 9.175 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF136154.D

Acq: 06 Nov 2023 14:56

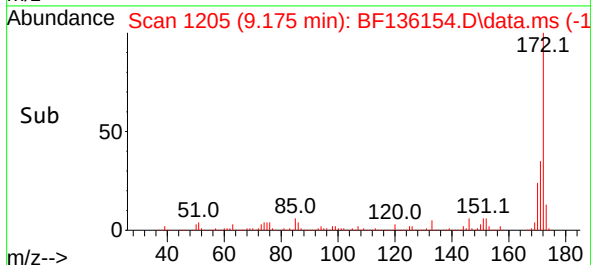
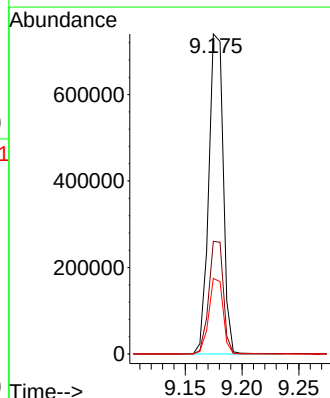
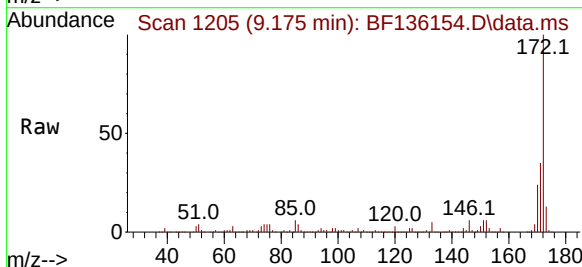
Tgt Ion:172 Resp: 656220

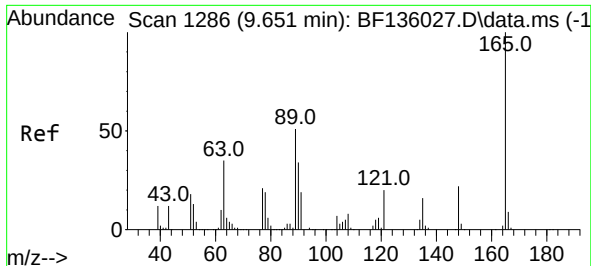
Ion Ratio Lower Upper

172 100

171 35.2 29.4 44.0

170 23.6 19.3 28.9

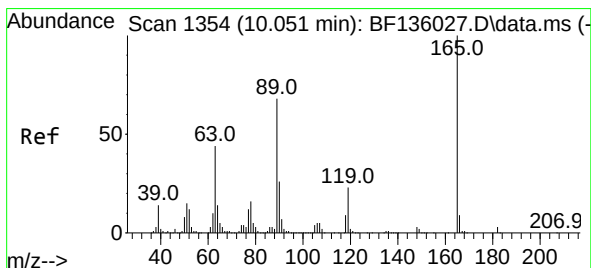
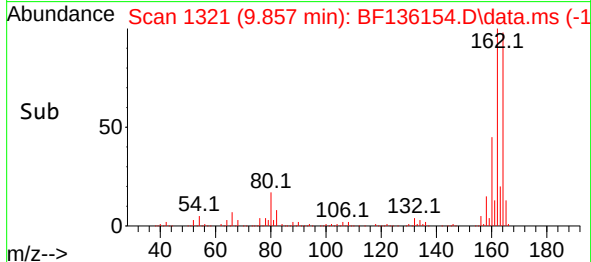
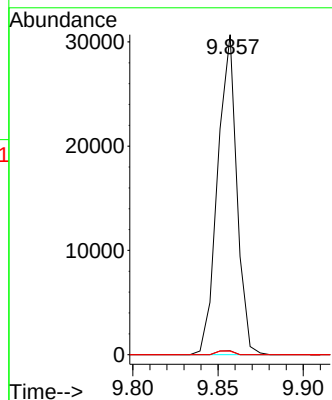
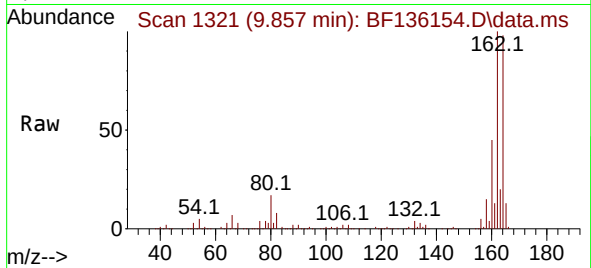




#51
2,6-Dinitrotoluene
Concen: 9.163 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF136154.D
Acq: 06 Nov 2023 14:56

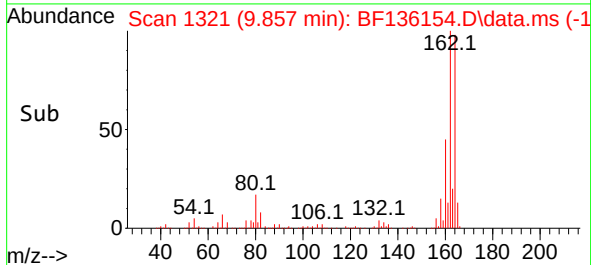
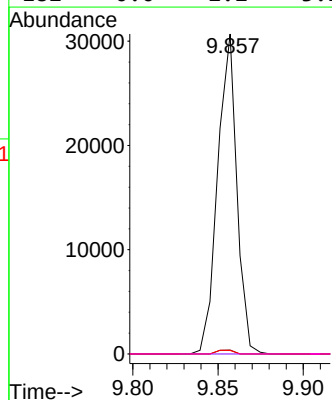
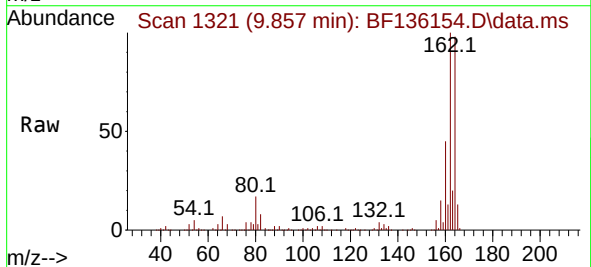
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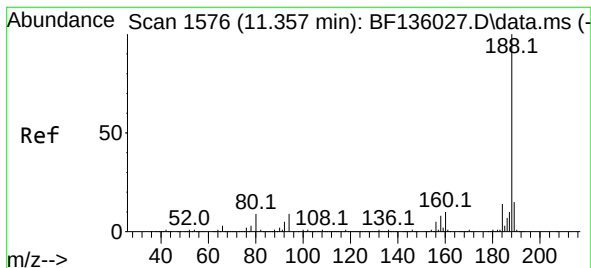
Tgt Ion:165 Resp: 24033
Ion Ratio Lower Upper
165 100
63 1.2 40.8 61.2#
89 1.1 41.1 61.7#



#57
2,4-Dinitrotoluene
Concen: 7.242 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF136154.D
Acq: 06 Nov 2023 14:56

Tgt Ion:165 Resp: 24033
Ion Ratio Lower Upper
165 100
63 1.2 35.2 52.8#
89 1.1 54.8 82.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136154.D

Acq: 06 Nov 2023 14:56

Instrument :

BNA_F

ClientSampleId :

WC-3

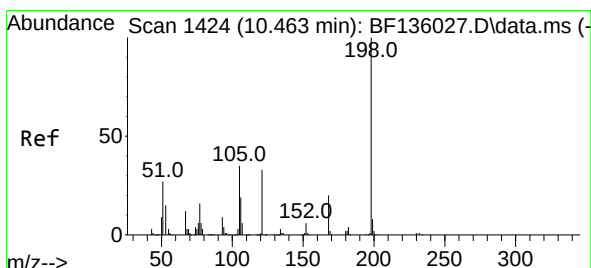
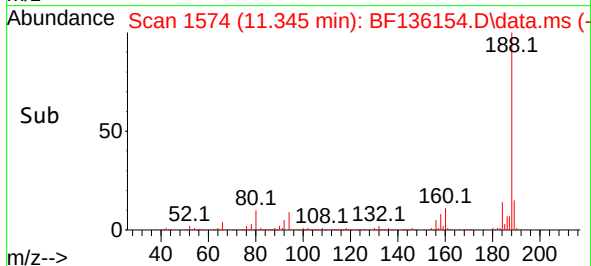
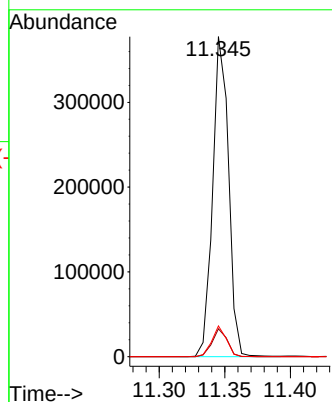
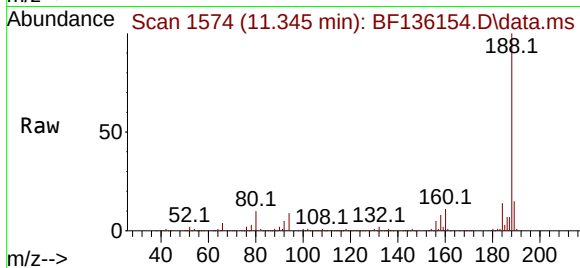
Tgt Ion:188 Resp: 318401

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

80 9.6 7.4 11.0



#65

4,6-Dinitro-2-methylphenol

Concen: 5.974 ng

RT: 10.645 min Scan# 1455

Delta R.T. 0.188 min

Lab File: BF136154.D

Acq: 06 Nov 2023 14:56

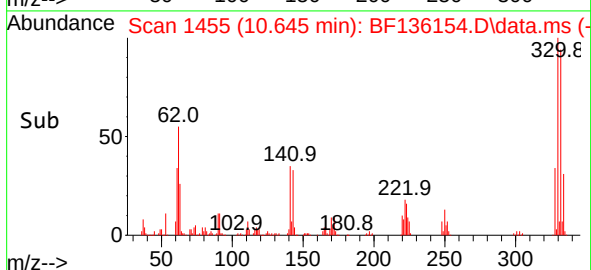
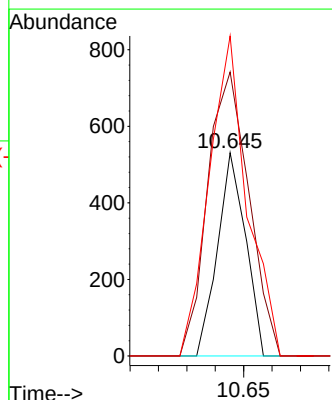
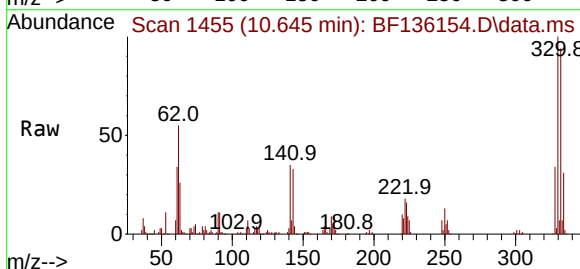
Tgt Ion:198 Resp: 364

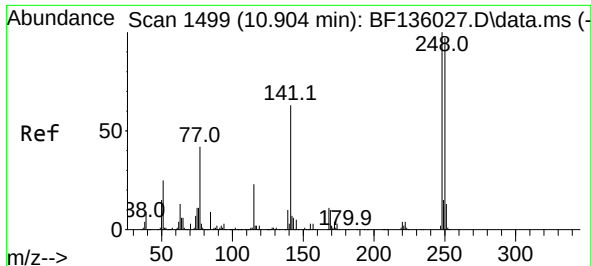
Ion Ratio Lower Upper

198 100

51 139.7 12.9 52.9#

105 157.4 16.0 56.0#

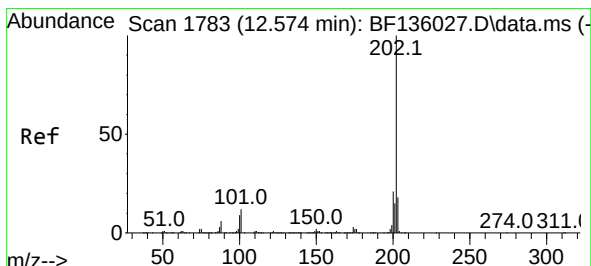
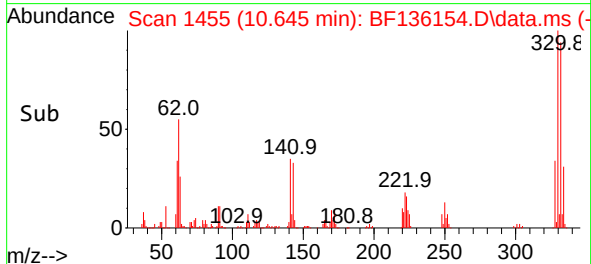
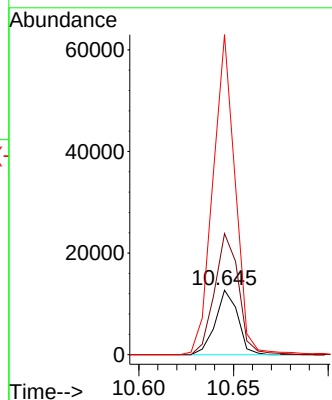
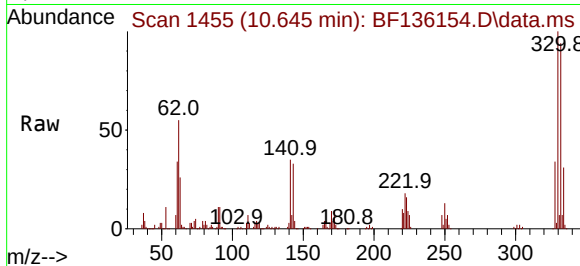




#67
4-Bromophenyl-phenylether
Concen: 3.134 ng
RT: 10.645 min Scan# 1499
Delta R.T. -0.253 min
Lab File: BF136154.D
Acq: 06 Nov 2023 14:56

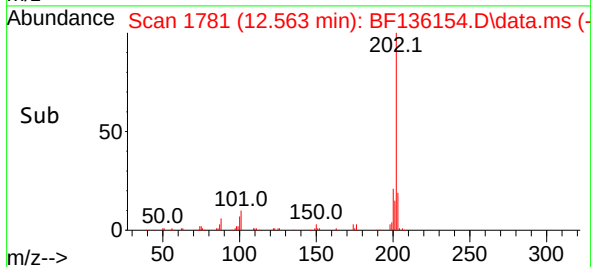
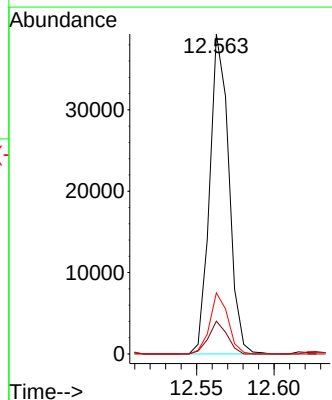
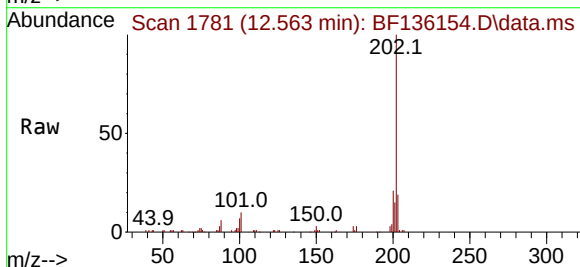
Instrument :
BNA_F
ClientSampleId :
WC-3

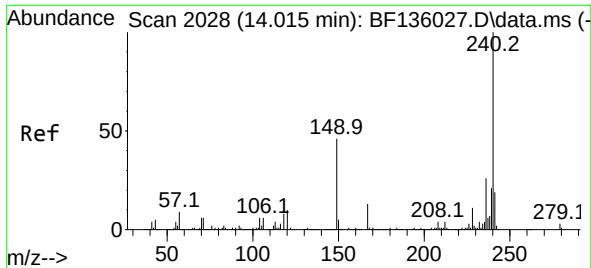
Tgt Ion:248 Resp: 10462
Ion Ratio Lower Upper
248 100
250 187.7 77.6 116.4#
141 495.8 50.4 75.6#



#75
Fluoranthene
Concen: 2.052 ng
RT: 12.563 min Scan# 1781
Delta R.T. -0.006 min
Lab File: BF136154.D
Acq: 06 Nov 2023 14:56

Tgt Ion:202 Resp: 33789
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.8
203 19.1 0.0 37.9

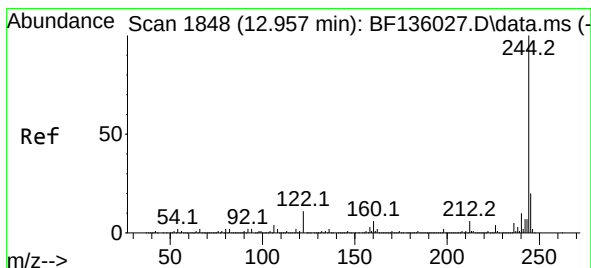
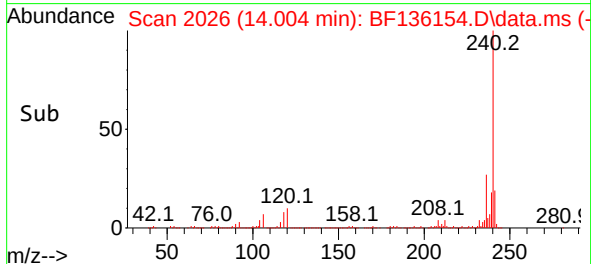
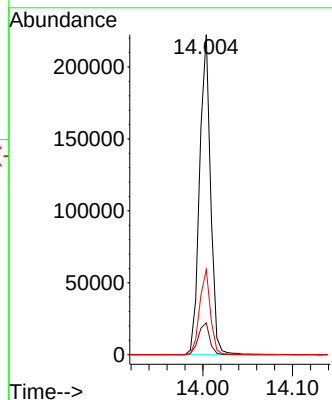
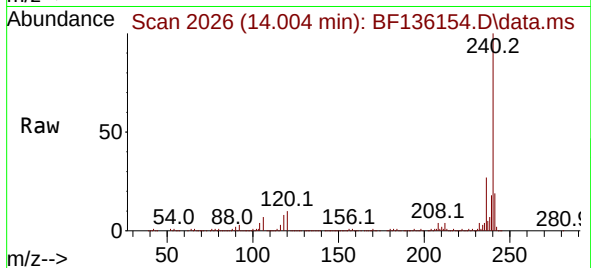




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF136154.D
Acq: 06 Nov 2023 14:56

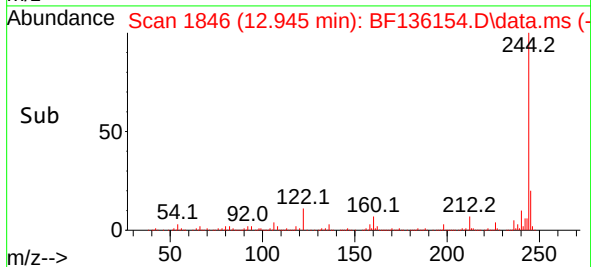
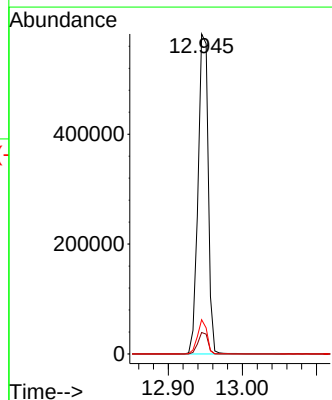
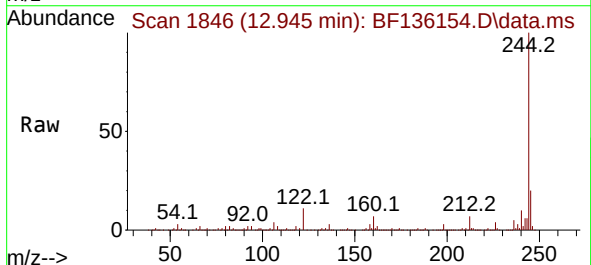
Instrument :
BNA_F
ClientSampleId :
WC-3

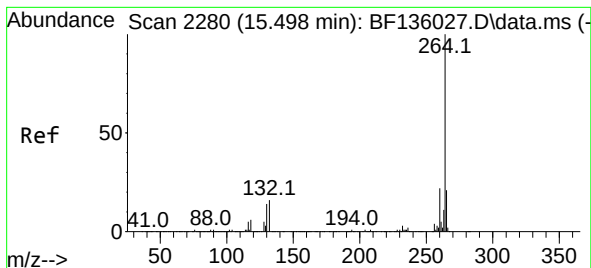
Tgt Ion:240 Resp: 188550
Ion Ratio Lower Upper
240 100
120 9.9 7.6 11.4
236 26.6 20.6 31.0



#79
Terphenyl-d14
Concen: 45.417 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.006 min
Lab File: BF136154.D
Acq: 06 Nov 2023 14:56

Tgt Ion:244 Resp: 551043
Ion Ratio Lower Upper
244 100
212 6.7 5.1 7.7
122 10.7 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: BF136154.D

Acq: 06 Nov 2023 14:56

Instrument :

BNA_F

ClientSampleId :

WC-3

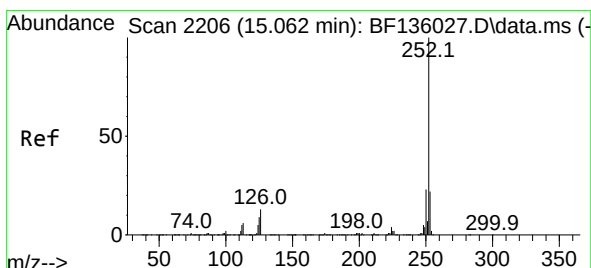
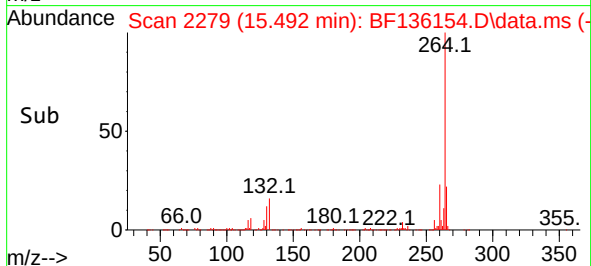
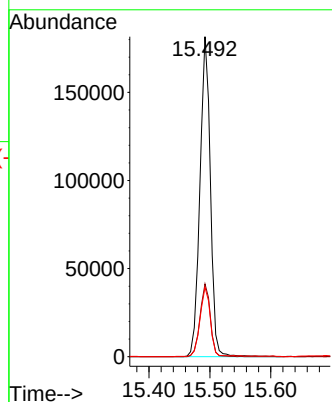
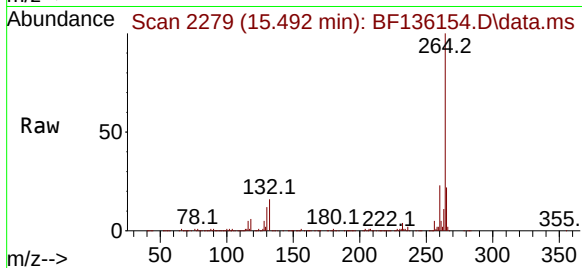
Tgt Ion:264 Resp: 216358

Ion Ratio Lower Upper

264 100

260 22.8 17.9 26.9

265 21.6 16.8 25.2



#88

Benzo(b)fluoranthene

Concen: 2.044 ng

RT: 15.051 min Scan# 2204

Delta R.T. -0.006 min

Lab File: BF136154.D

Acq: 06 Nov 2023 14:56

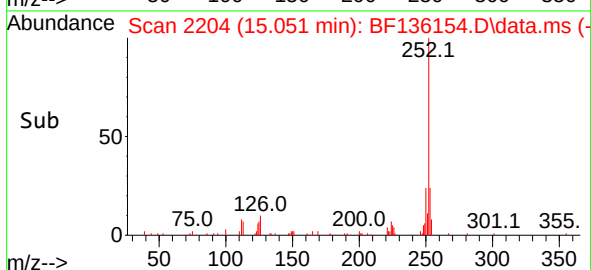
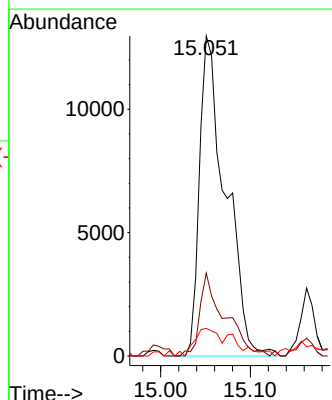
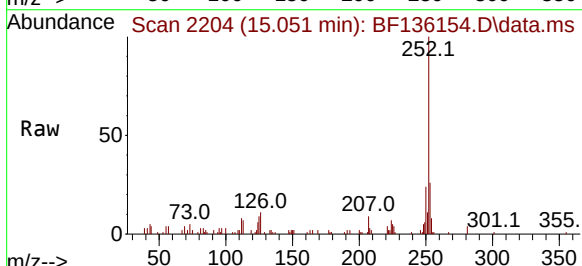
Tgt Ion:252 Resp: 26168

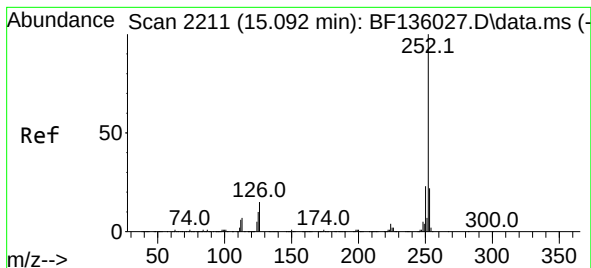
Ion Ratio Lower Upper

252 100

253 25.9 17.7 26.5

125 8.6 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 2.066 ng

RT: 15.051 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF136154.D

Acq: 06 Nov 2023 14:56

Instrument :

BNA_F

ClientSampleId :

WC-3

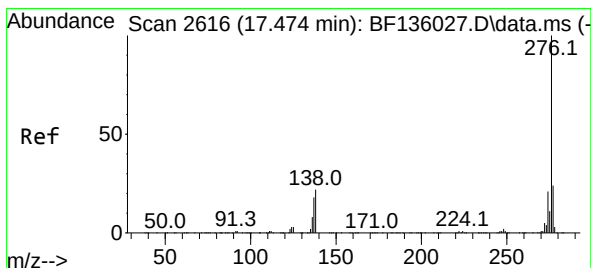
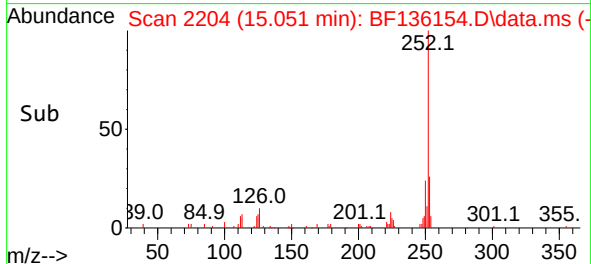
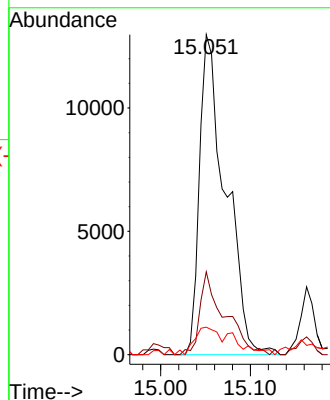
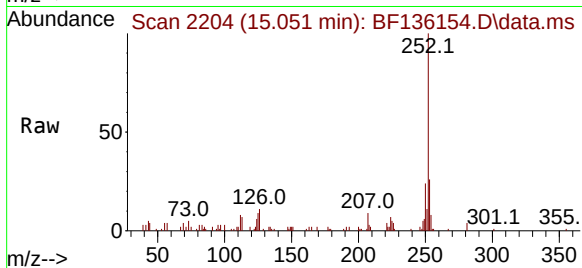
Tgt Ion:252 Resp: 26168

Ion Ratio Lower Upper

252 100

253 25.9 17.4 26.0

125 8.6 8.0 12.0



#92

Benzo(g,h,i)perylene

Concen: 3.330 ng

RT: 17.445 min Scan# 2611

Delta R.T. -0.029 min

Lab File: BF136154.D

Acq: 06 Nov 2023 14:56

Tgt Ion:276 Resp: 6102

Ion Ratio Lower Upper

276 100

277 21.2 19.0 28.4

138 14.6 17.4 26.2#

