

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110123\
 Data File : BF136069.D
 Acq On : 01 Nov 2023 11:20
 Operator : CG\JU
 Sample : PB156691BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156691BL

Quant Time: Nov 01 22:37:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

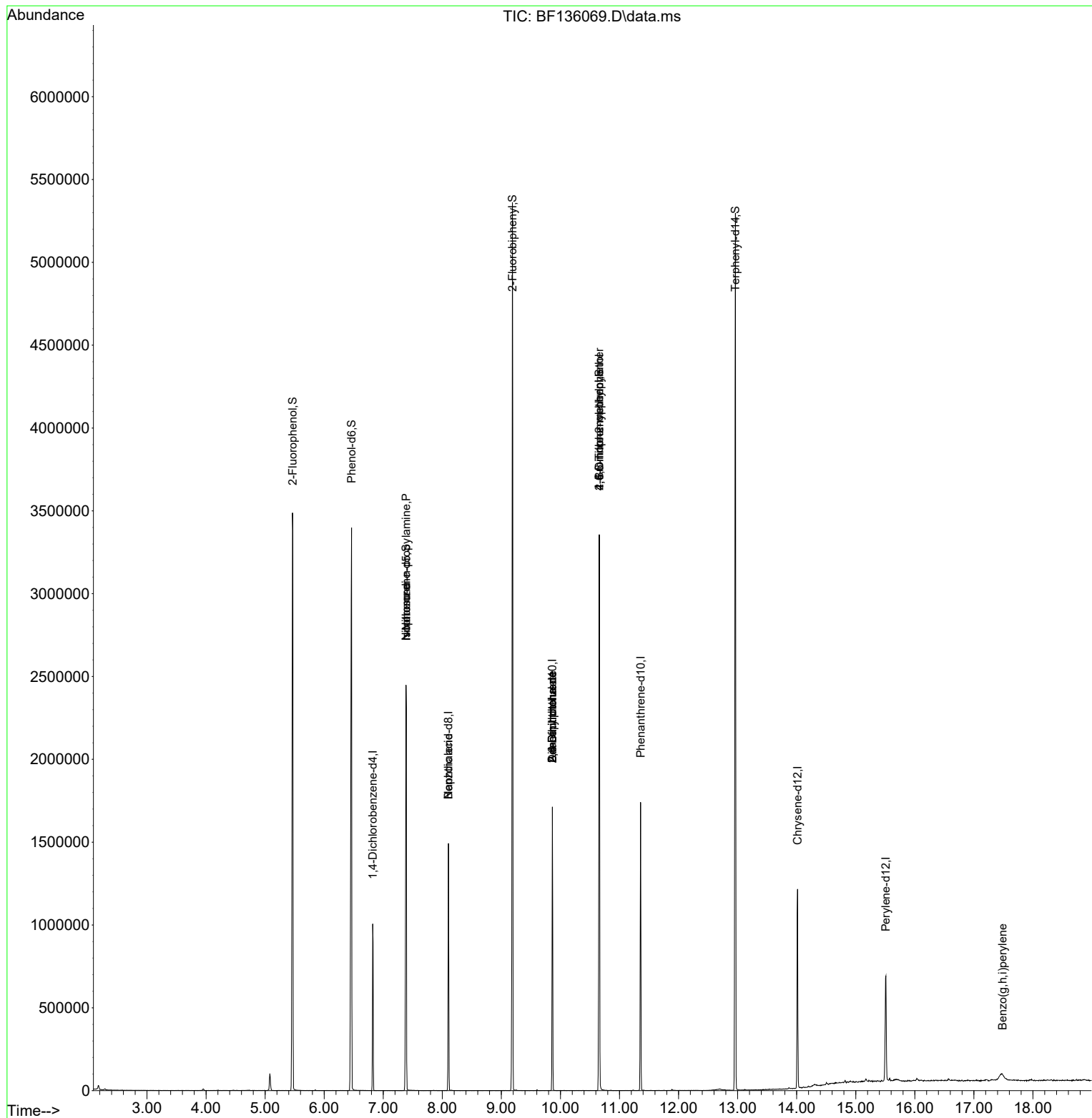
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	146457	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	587134	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	311277	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	595424	20.000	ng	0.00
76) Chrysene-d12	14.016	240	397825	20.000	ng	0.00
86) Perylene-d12	15.510	264	316287	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1155360	123.964	ng	0.02
7) Phenol-d6	6.463	99	1404646	120.962	ng	0.00
23) Nitrobenzene-d5	7.387	82	885156	90.881	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	453286	136.429	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1665601	85.298	ng	0.00
79) Terphenyl-d14	12.963	244	2037821	79.604	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.387	70	117122	17.652	ng	# 79
25) Isophorone	7.387	82	882445	47.992	ng	# 64
32) Benzoic acid	8.104	122	70	5.123	ng	# 1
50) Dimethylphthalate	9.863	163	61688	3.004	ng	# 1
51) 2,6-Dinitrotoluene	9.863	165	40276	9.172	ng	# 28
57) 2,4-Dinitrotoluene	9.863	165	40276	7.249	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.657	198	1038	6.070	ng	# 1
67) 4-Bromophenyl-phenylether	10.657	248	27622	4.425	ng	# 1
92) Benzo(g,h,i)perylene	17.486	276	59	2.898	ng	# 53

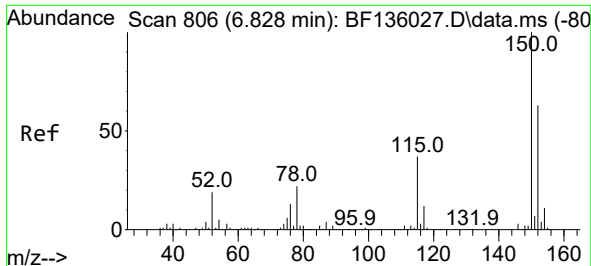
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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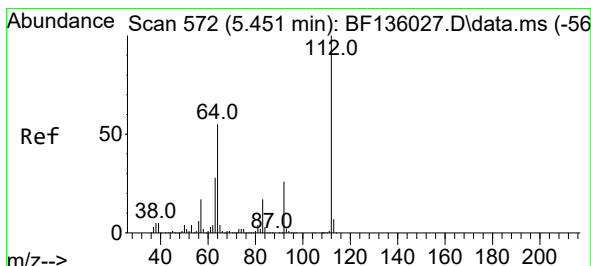
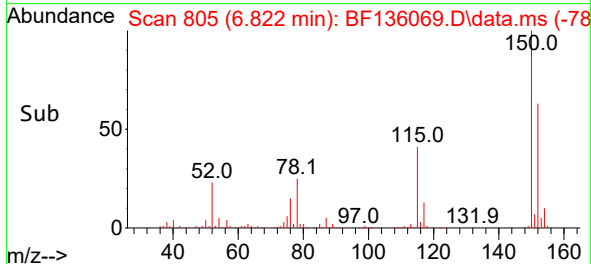
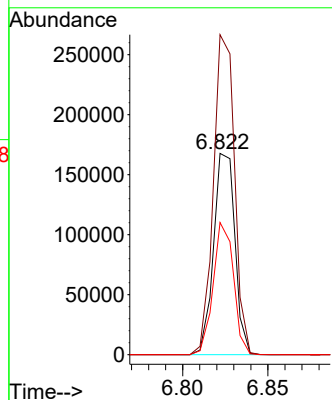
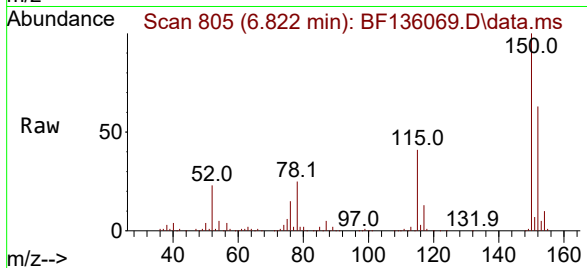




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF136069.D
Acq: 01 Nov 2023 11:20

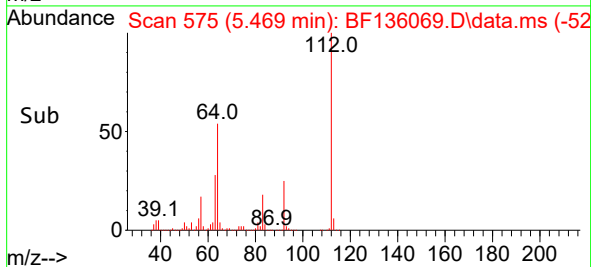
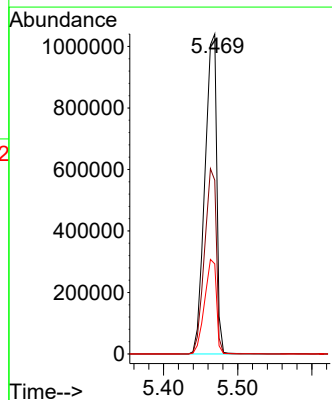
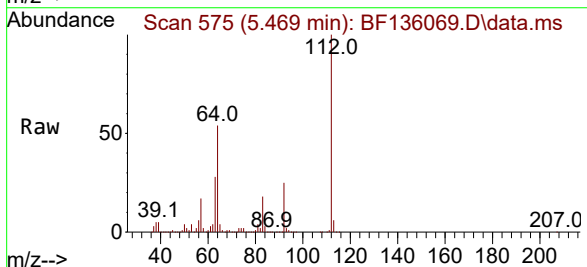
Instrument :
BNA_F
ClientSampleId :
PB156691BL

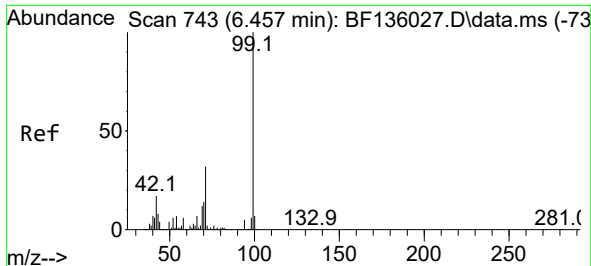
Tgt Ion:152 Resp: 146457
Ion Ratio Lower Upper
152 100
150 159.0 126.4 189.6
115 65.7 47.0 70.4



#5
2-Fluorophenol
Concen: 123.964 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.018 min
Lab File: BF136069.D
Acq: 01 Nov 2023 11:20

Tgt Ion:112 Resp: 1155360
Ion Ratio Lower Upper
112 100
64 54.3 43.9 65.9
63 28.1 22.4 33.6

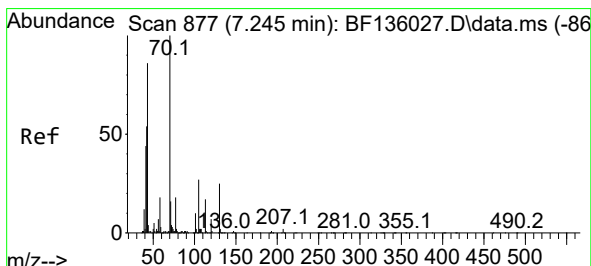
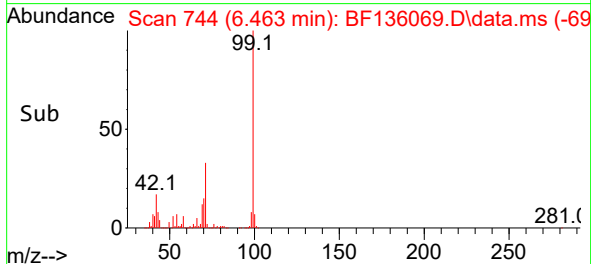
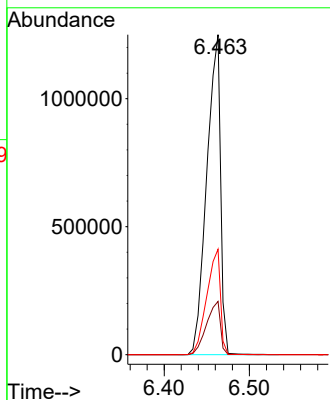
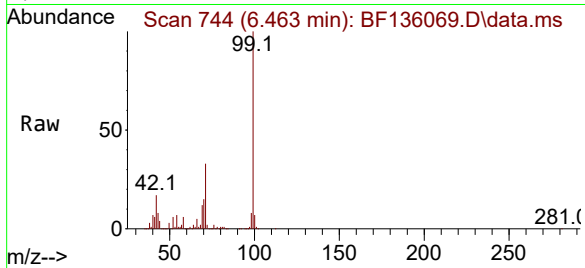




#7
Phenol-d6
Concen: 120.962 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF136069.D
Acq: 01 Nov 2023 11:20

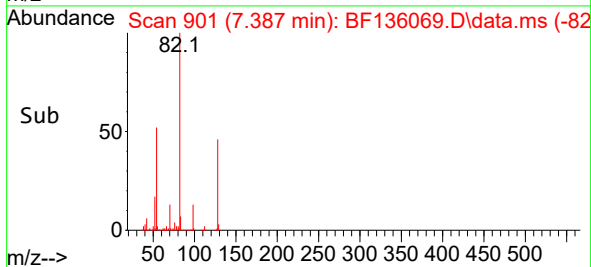
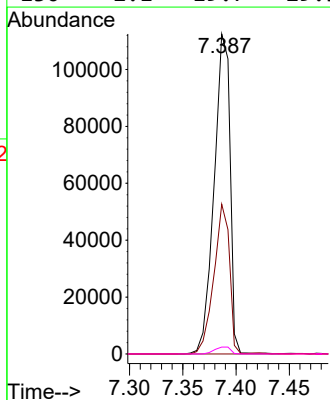
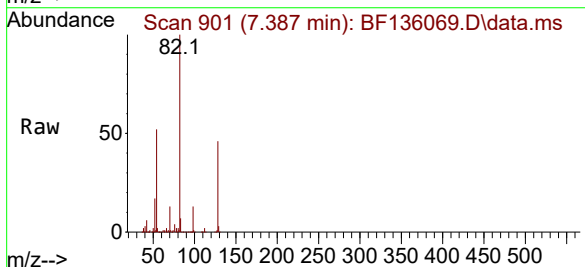
Instrument :
BNA_F
ClientSampleId :
PB156691BL

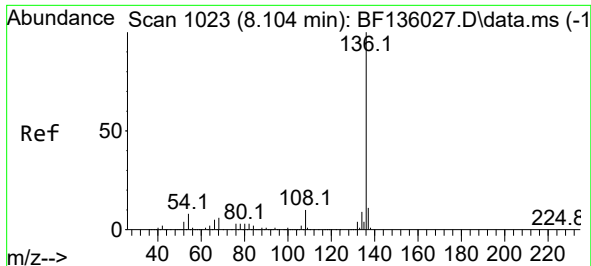
Tgt Ion: 99 Resp: 1404646
Ion Ratio Lower Upper
99 100
42 16.7 13.7 20.5
71 32.9 25.9 38.9



#19
n-Nitroso-di-n-propylamine
Concen: 17.652 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.141 min
Lab File: BF136069.D
Acq: 01 Nov 2023 11:20

Tgt Ion: 70 Resp: 117122
Ion Ratio Lower Upper
70 100
42 46.8 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: 8.104 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136069.D

Acq: 01 Nov 2023 11:20

Instrument :

BNA_F

ClientSampleId :

PB156691BL

Tgt Ion:136 Resp: 587134

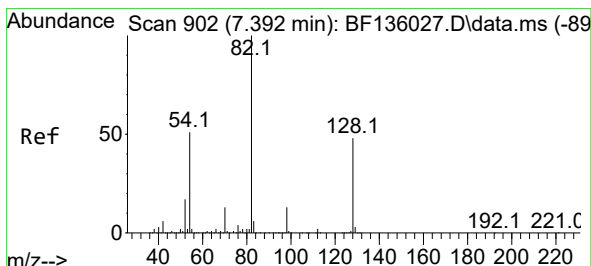
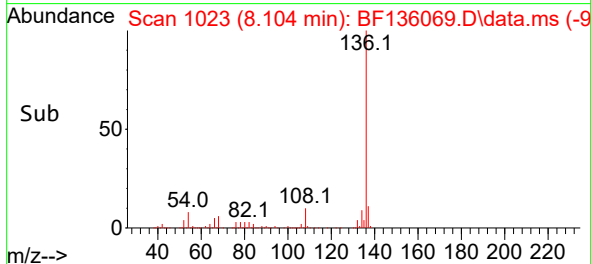
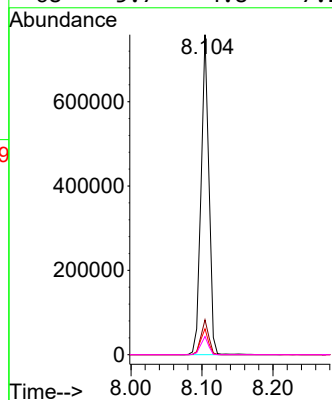
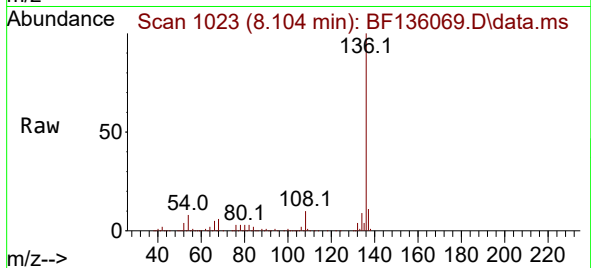
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 8.1 6.6 9.8

68 5.7 4.8 7.2



#23

Nitrobenzene-d5

Concen: 90.881 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF136069.D

Acq: 01 Nov 2023 11:20

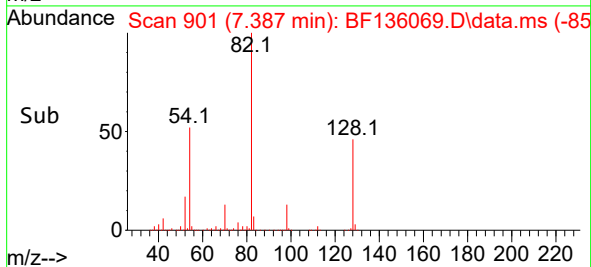
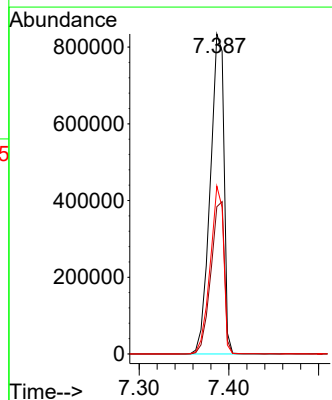
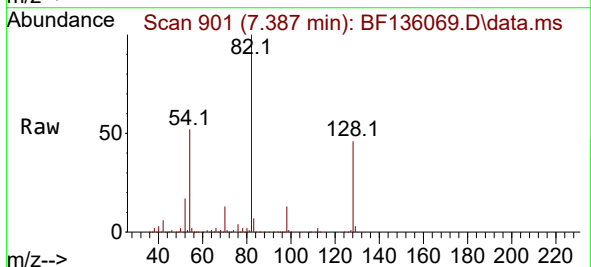
Tgt Ion: 82 Resp: 885156

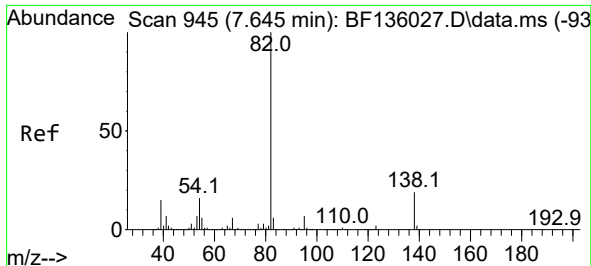
Ion Ratio Lower Upper

82 100

128 46.0 38.6 57.8

54 52.4 40.8 61.2

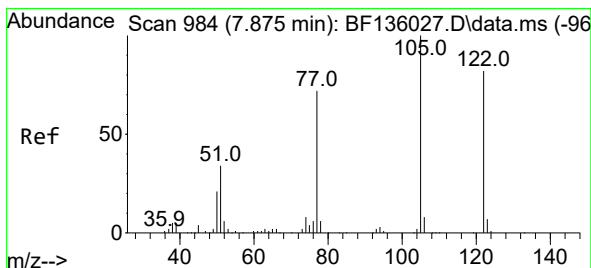
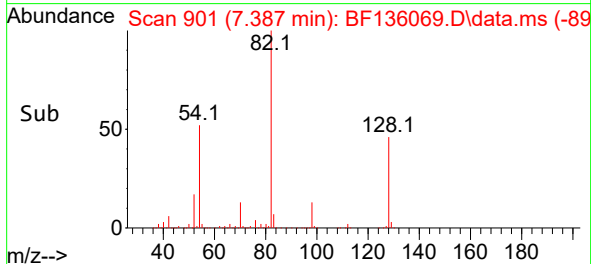
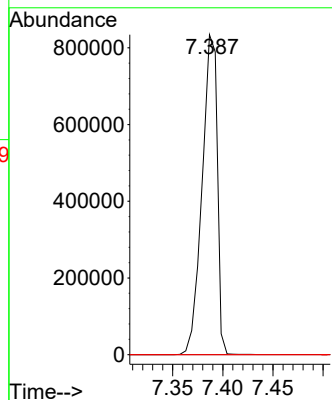
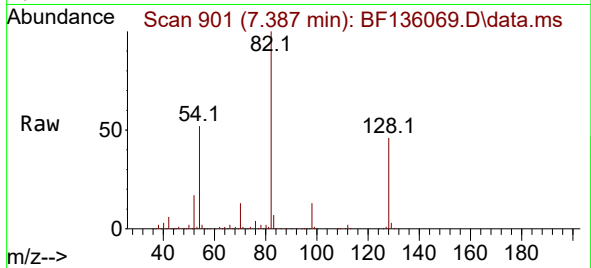




#25
Isophorone
Concen: 47.992 ng
RT: 7.387 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF136069.D
Acq: 01 Nov 2023 11:20

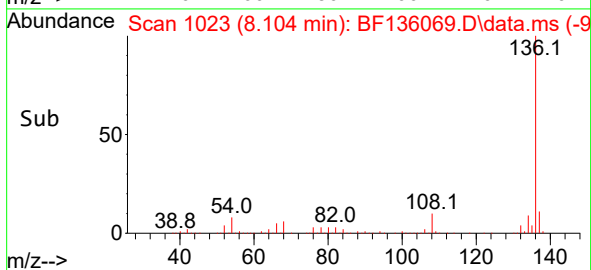
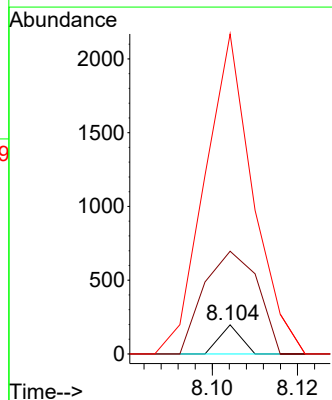
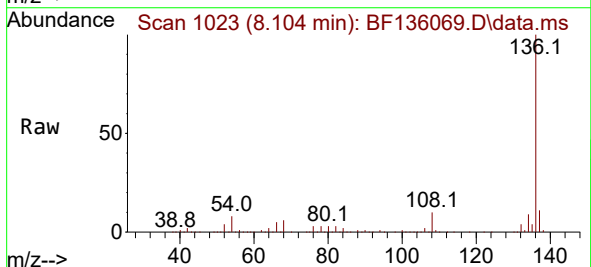
Instrument :
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ClientSampleId :
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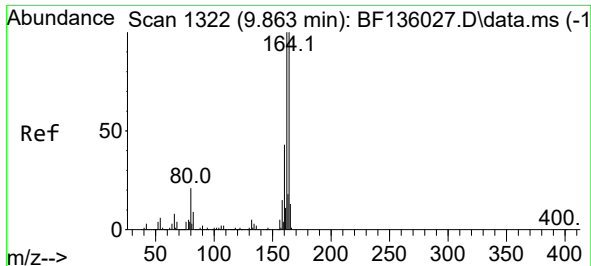
Tgt Ion: 82 Resp: 882445
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 15.3 22.9#



#32
Benzoic acid
Concen: 5.123 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.229 min
Lab File: BF136069.D
Acq: 01 Nov 2023 11:20

Tgt Ion:122 Resp: 70
Ion Ratio Lower Upper
122 100
105 351.5 99.5 139.5#
77 1095.5 66.8 106.8#

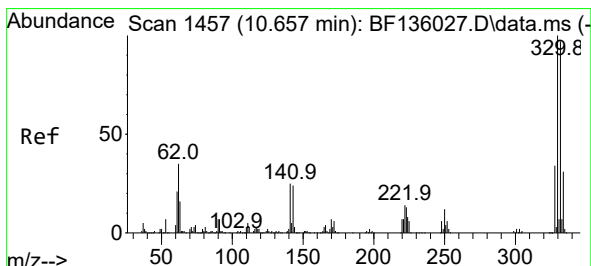
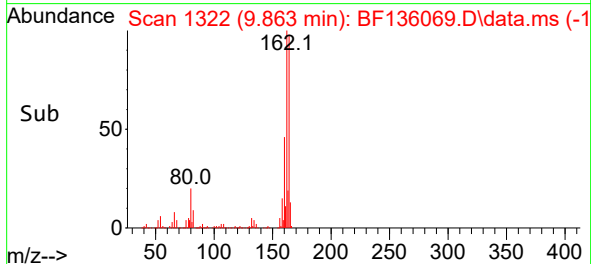
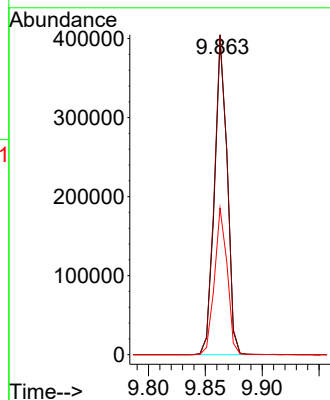
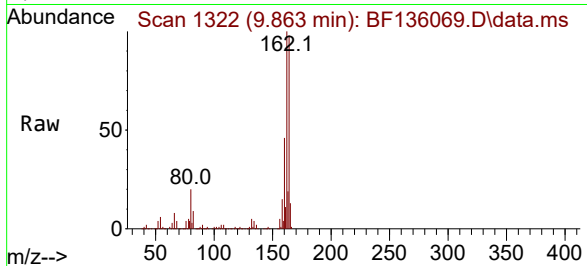




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136069.D
Acq: 01 Nov 2023 11:20

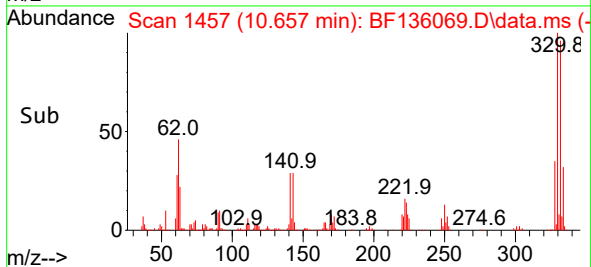
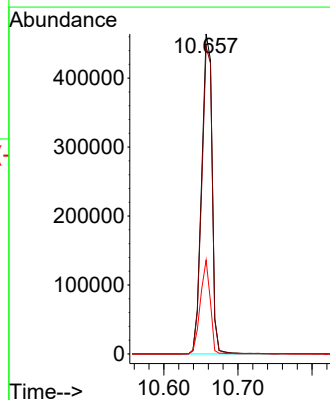
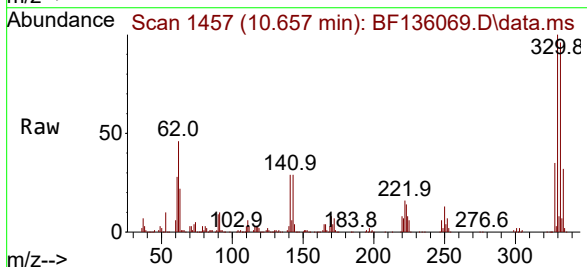
Instrument :
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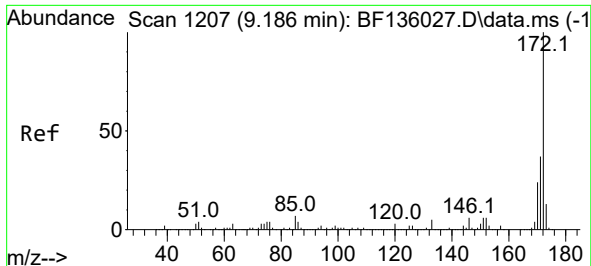
Tgt Ion:164 Resp: 311277
Ion Ratio Lower Upper
164 100
162 101.7 80.1 120.1
160 46.6 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 136.429 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF136069.D
Acq: 01 Nov 2023 11:20

Tgt Ion:330 Resp: 453286
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 27.7 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 85.298 ng

RT: 9.186 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136069.D

Acq: 01 Nov 2023 11:20

Instrument :

BNA_F

ClientSampleId :

PB156691BL

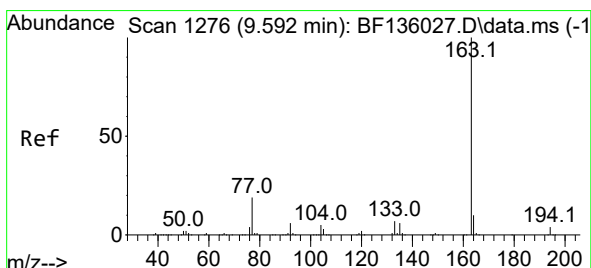
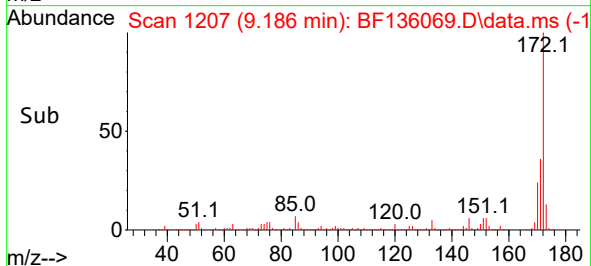
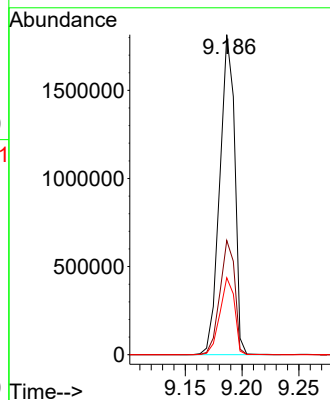
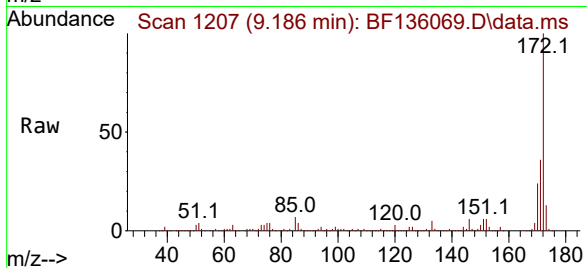
Tgt Ion:172 Resp: 1665601

Ion Ratio Lower Upper

172 100

171 35.7 29.4 44.0

170 24.0 19.3 28.9



#50

Dimethylphthalate

Concen: 3.004 ng

RT: 9.863 min Scan# 1322

Delta R.T. 0.271 min

Lab File: BF136069.D

Acq: 01 Nov 2023 11:20

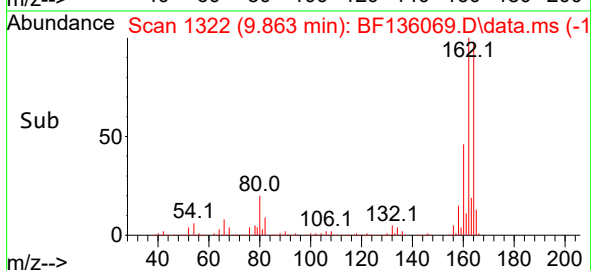
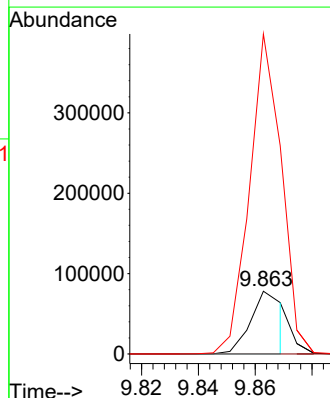
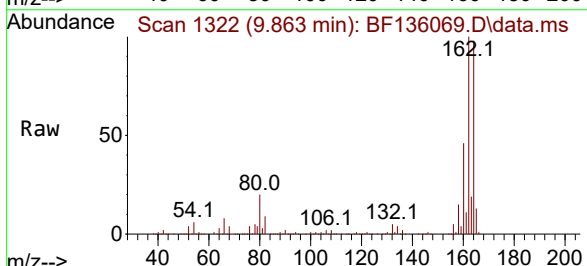
Tgt Ion:163 Resp: 61688

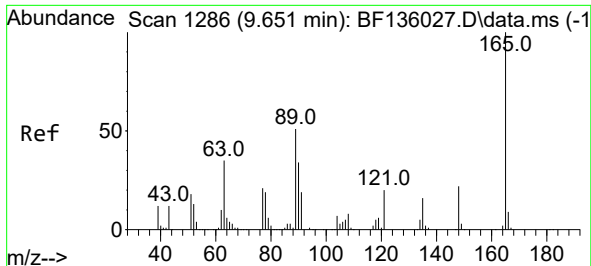
Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

164 510.1 8.1 12.1#

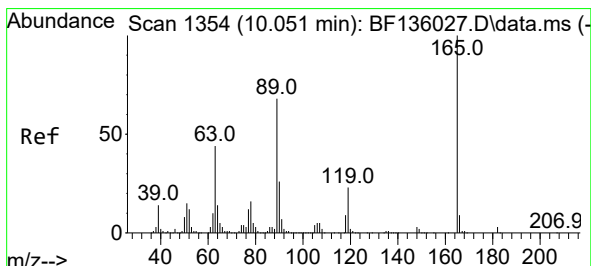
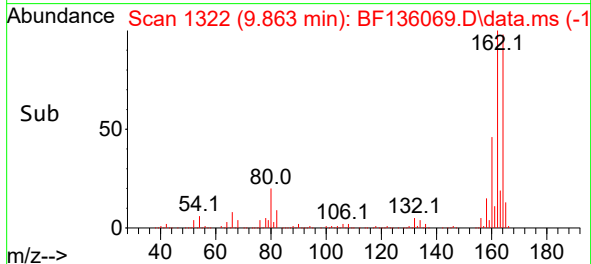
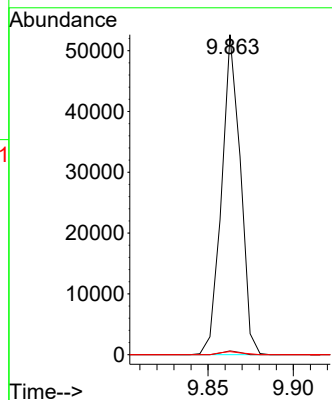
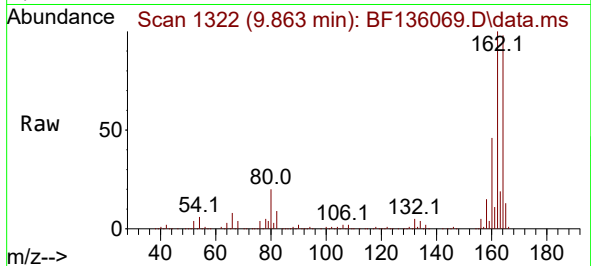




#51
2,6-Dinitrotoluene
Concen: 9.172 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF136069.D
Acq: 01 Nov 2023 11:20

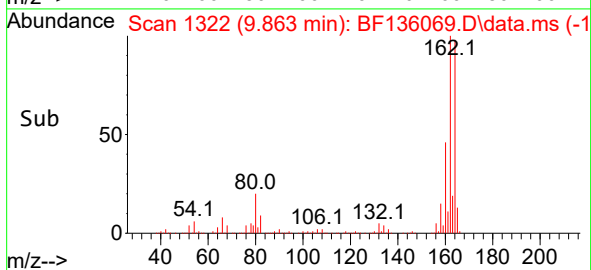
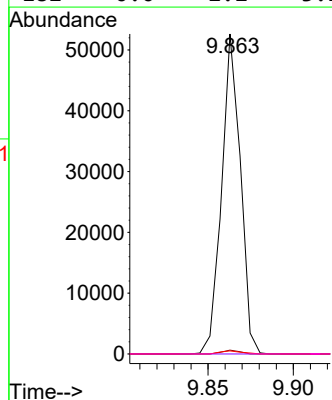
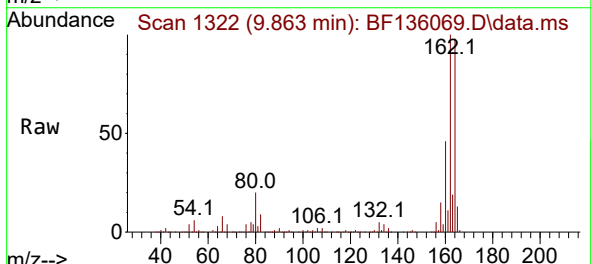
Instrument :
BNA_F
ClientSampleId :
PB156691BL

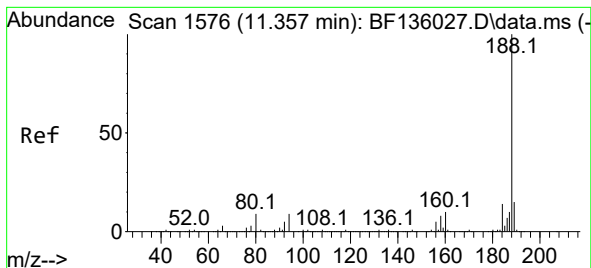
Tgt Ion:165 Resp: 40276
Ion Ratio Lower Upper
165 100
63 1.2 40.8 61.2#
89 0.9 41.1 61.7#



#57
2,4-Dinitrotoluene
Concen: 7.249 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.188 min
Lab File: BF136069.D
Acq: 01 Nov 2023 11:20

Tgt Ion:165 Resp: 40276
Ion Ratio Lower Upper
165 100
63 1.2 35.2 52.8#
89 0.9 54.8 82.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF136069.D

Acq: 01 Nov 2023 11:20

Instrument :

BNA_F

ClientSampleId :

PB156691BL

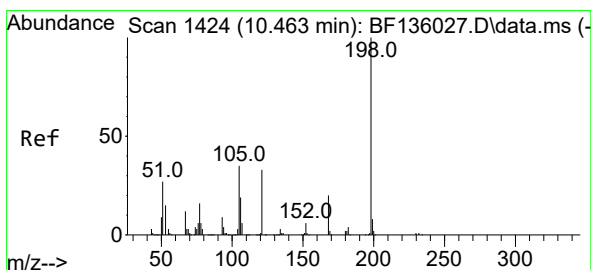
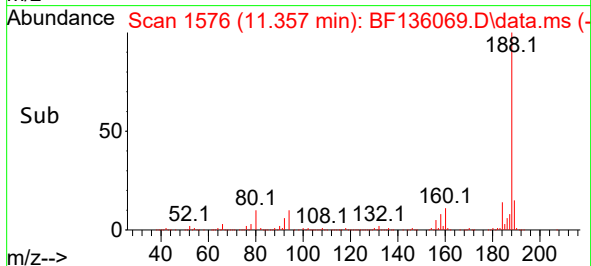
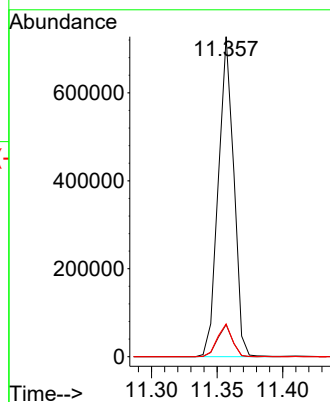
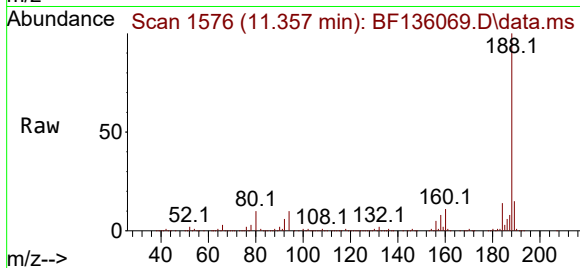
Tgt Ion:188 Resp: 595424

Ion Ratio Lower Upper

188 100

94 10.0 7.2 10.8

80 10.3 7.4 11.0



#65

4,6-Dinitro-2-methylphenol

Concen: 6.070 ng

RT: 10.657 min Scan# 1457

Delta R.T. 0.194 min

Lab File: BF136069.D

Acq: 01 Nov 2023 11:20

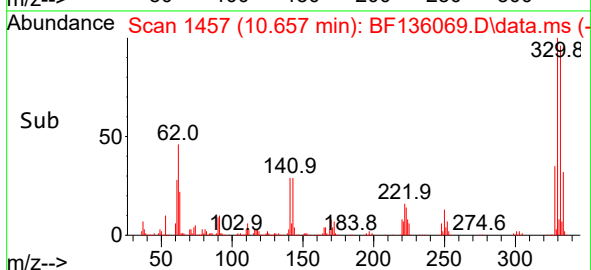
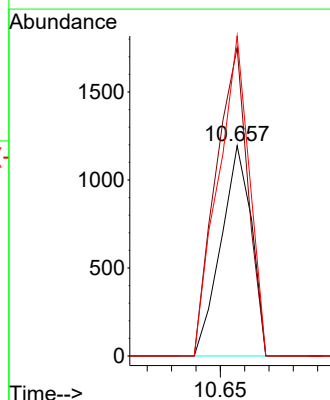
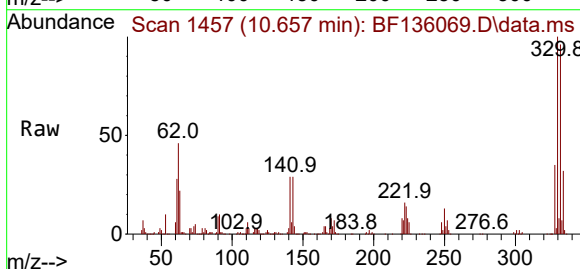
Tgt Ion:198 Resp: 1038

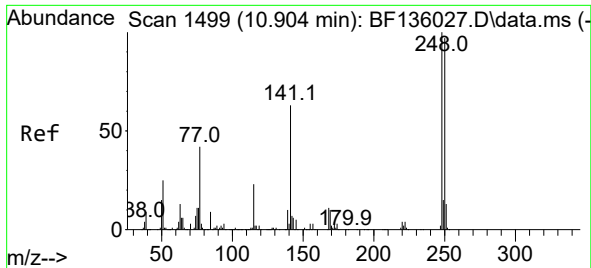
Ion Ratio Lower Upper

198 100

51 146.7 12.9 52.9#

105 152.3 16.0 56.0#

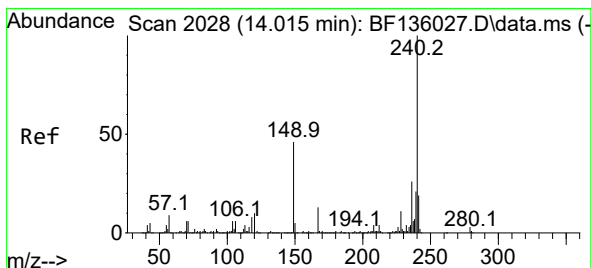
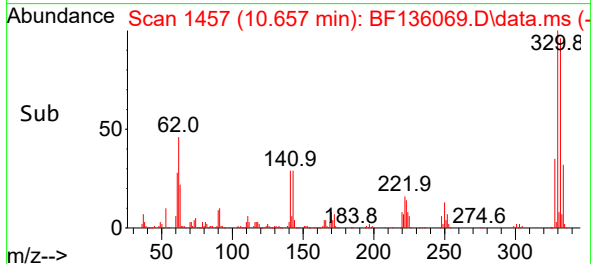
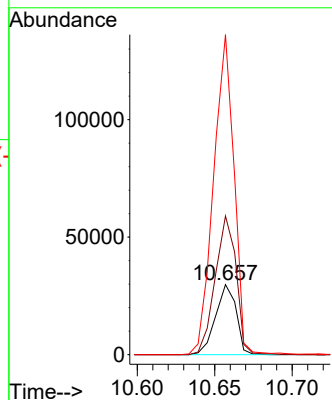
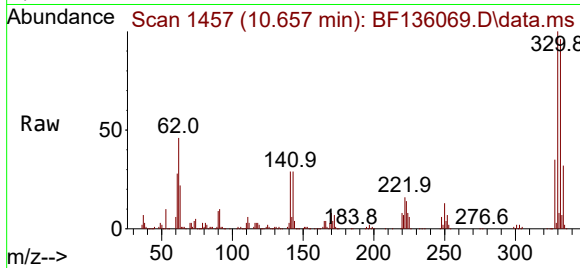




#67
4-Bromophenyl-phenylether
Concen: 4.425 ng
RT: 10.657 min Scan# 1499
Delta R.T. -0.247 min
Lab File: BF136069.D
Acq: 01 Nov 2023 11:20

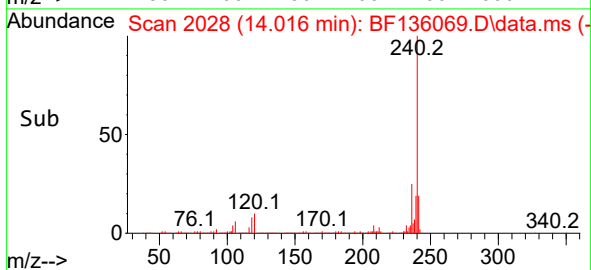
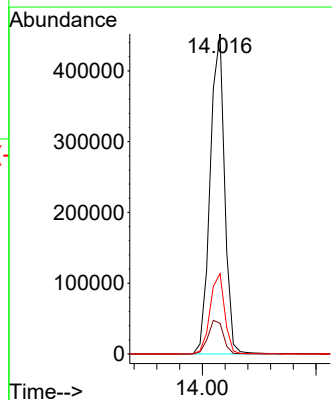
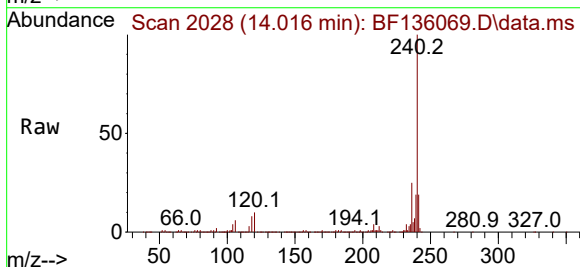
Instrument :
BNA_F
ClientSampleId :
PB156691BL

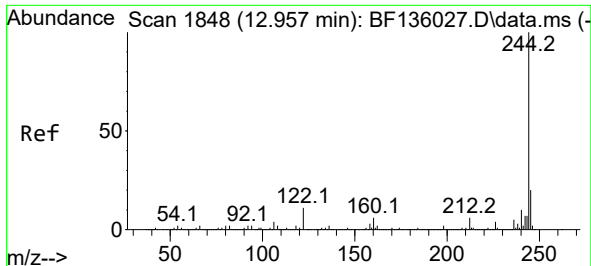
Tgt Ion:248 Resp: 27622
Ion Ratio Lower Upper
248 100
250 198.1 77.6 116.4#
141 456.9 50.4 75.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF136069.D
Acq: 01 Nov 2023 11:20

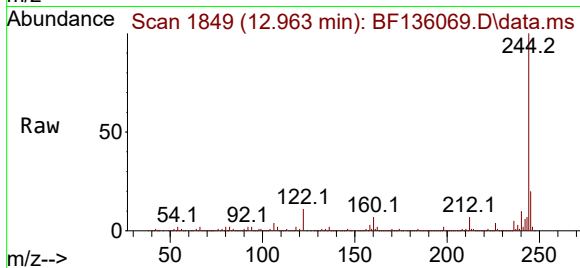
Tgt Ion:240 Resp: 397825
Ion Ratio Lower Upper
240 100
120 9.6 7.6 11.4
236 25.1 20.6 31.0





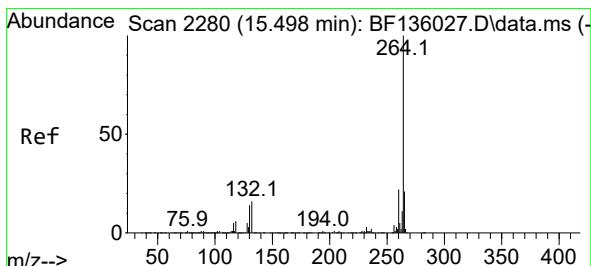
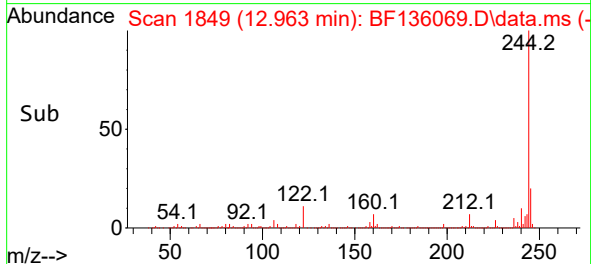
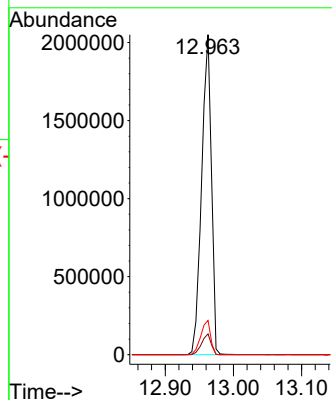
#79
 Terphenyl-d14
 Concen: 79.604 ng
 RT: 12.963 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF136069.D
 Acq: 01 Nov 2023 11:20

Instrument :
 BNA_F
 ClientSampleId :
 PB156691BL



Tgt Ion:244 Resp: 2037821

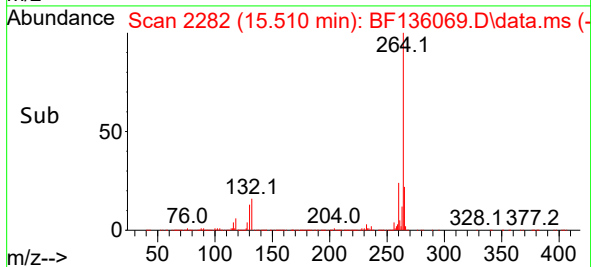
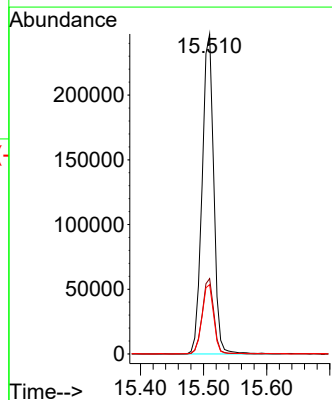
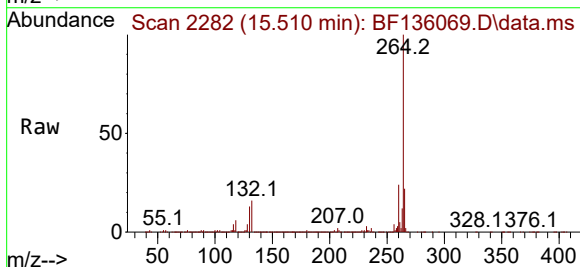
Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.1	7.7
122	10.7	8.6	12.8

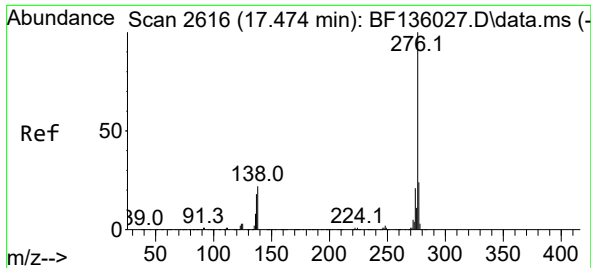


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2282
 Delta R.T. 0.012 min
 Lab File: BF136069.D
 Acq: 01 Nov 2023 11:20

Tgt Ion:264 Resp: 316287

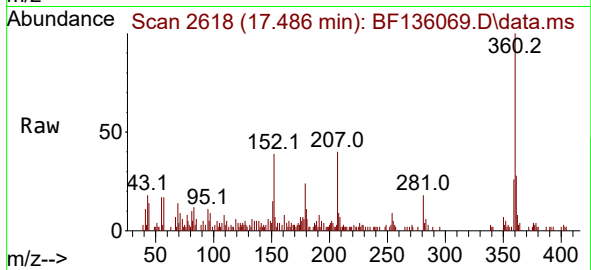
Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.9	26.9
265	21.6	16.8	25.2





#92
 Benzo(g,h,i)perylene
 Concen: 2.898 ng
 RT: 17.486 min Scan# 20
 Delta R.T. 0.012 min
 Lab File: BF136069.D
 Acq: 01 Nov 2023 11:20

Instrument :
 BNA_F
 ClientSampleId :
 PB156691BL



Tgt Ion:	276	Resp:	59
Ion	Ratio	Lower	Upper
276	100		
277	0.0	19.0	28.4#
138	0.0	17.4	26.2#

