

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110323\
 Data File : BF136117.D
 Acq On : 03 Nov 2023 11:27
 Operator : CG\JU
 Sample : PB156798BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156798BL

Quant Time: Nov 04 00:06:16 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)

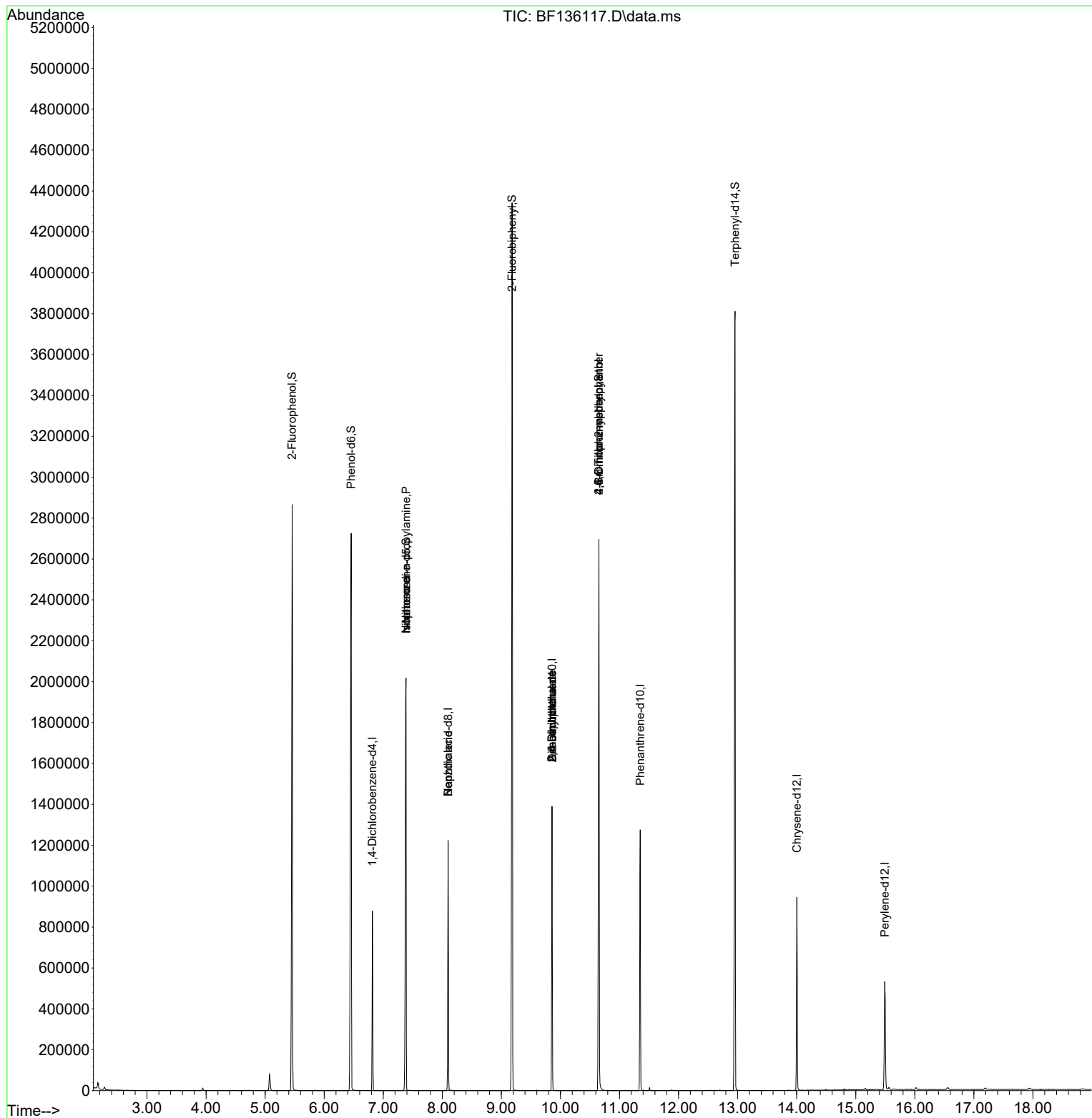
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	120087	20.000	ng	-0.01
21) Naphthalene-d8	8.098	136	473255	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	245019	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	455982	20.000	ng	0.00
76) Chrysene-d12	14.004	240	297324	20.000	ng	-0.01
86) Perylene-d12	15.492	264	249285	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	914996	119.733	ng	0.00
7) Phenol-d6	6.457	99	1117982	117.417	ng	0.00
23) Nitrobenzene-d5	7.386	82	713450	90.878	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	342168	130.834	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1332029	86.662	ng	0.00
79) Terphenyl-d14	12.957	244	1553222	81.183	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.386	70	97284	17.882	ng	# 76
25) Isophorone	7.386	82	711367	47.997	ng	# 64
32) Benzoic acid	8.098	122	113	5.133	ng	# 1
50) Dimethylphthalate	9.857	163	49622	3.070	ng	# 1
51) 2,6-Dinitrotoluene	9.857	165	32622	9.437	ng	# 28
57) 2,4-Dinitrotoluene	9.857	165	32622	7.459	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.651	198	778	6.064	ng	# 1
67) 4-Bromophenyl-phenylether	10.651	248	21623	4.523	ng	# 1

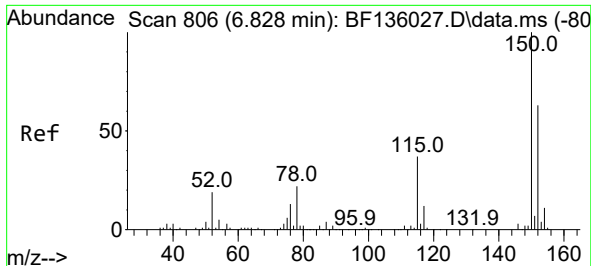
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
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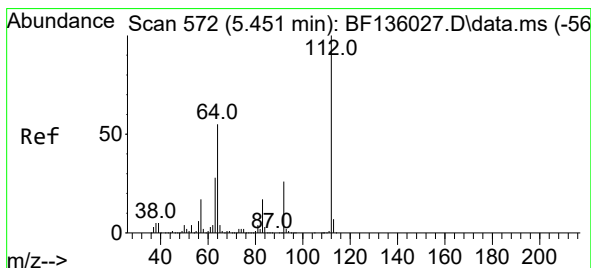
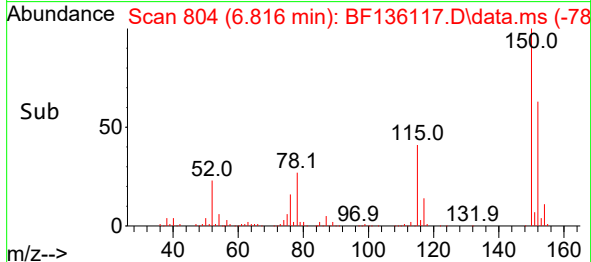
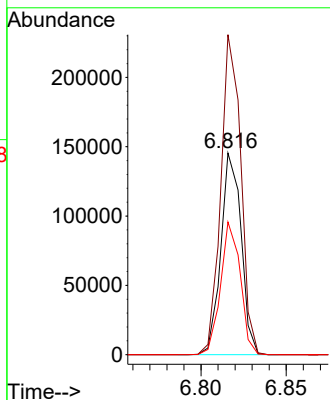
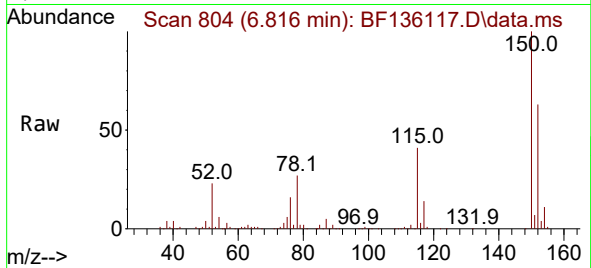




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 806
Delta R.T. -0.012 min
Lab File: BF136117.D
Acq: 03 Nov 2023 11:27

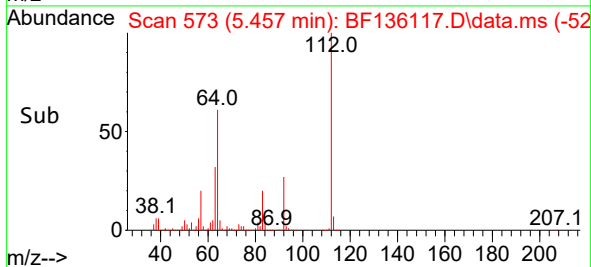
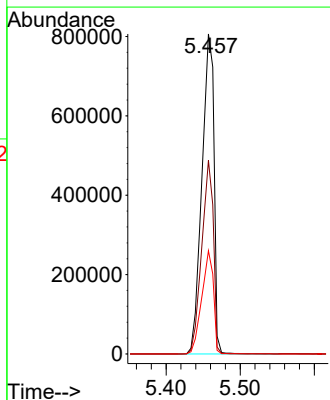
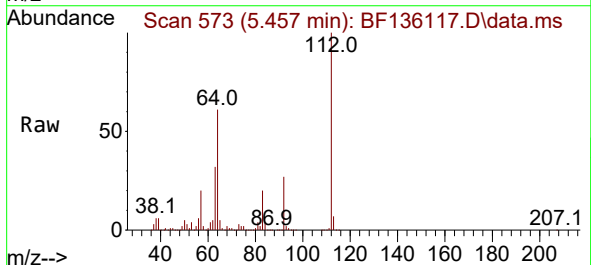
Instrument :
BNA_F
ClientSampleId :
PB156798BL

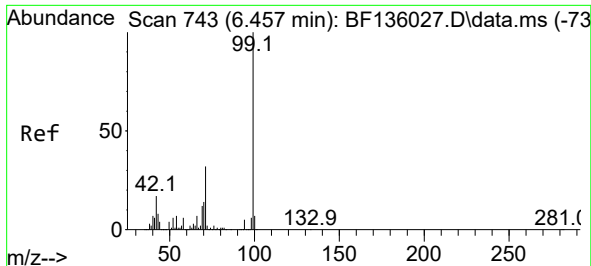
Tgt Ion:152 Resp: 120087
Ion Ratio Lower Upper
152 100
150 158.7 126.4 189.6
115 65.8 47.0 70.4



#5
2-Fluorophenol
Concen: 119.733 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.006 min
Lab File: BF136117.D
Acq: 03 Nov 2023 11:27

Tgt Ion:112 Resp: 914996
Ion Ratio Lower Upper
112 100
64 60.5 43.9 65.9
63 32.3 22.4 33.6



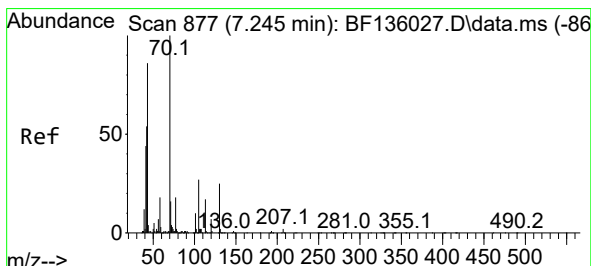
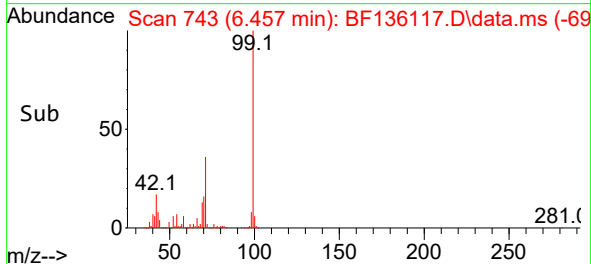
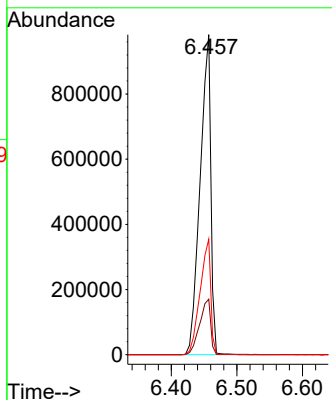
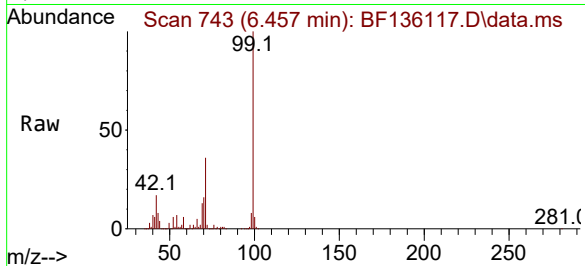


#7
Phenol-d6
Concen: 117.417 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF136117.D
Acq: 03 Nov 2023 11:27

Instrument :
BNA_F
ClientSampleId :
PB156798BL

Tgt Ion: 99 Resp: 1117982

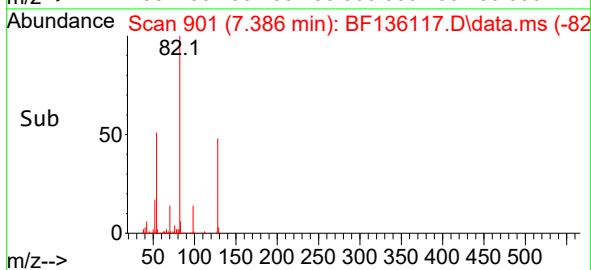
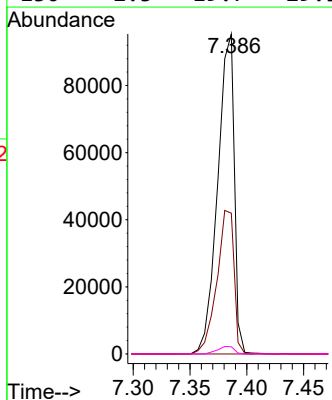
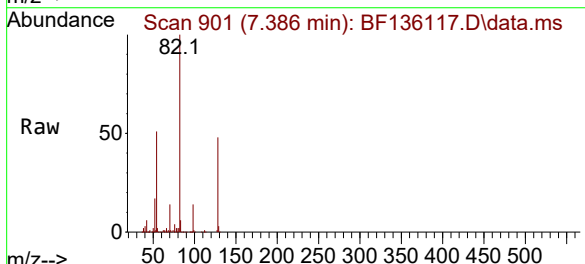
Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.7	20.5
71	36.1	25.9	38.9

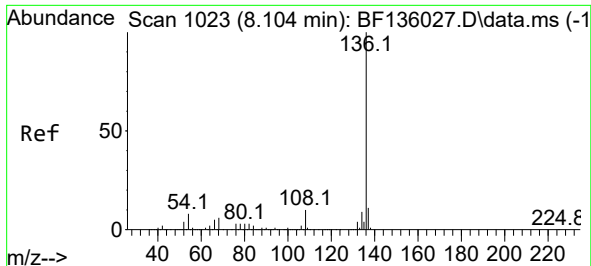


#19
n-Nitroso-di-n-propylamine
Concen: 17.882 ng
RT: 7.386 min Scan# 901
Delta R.T. 0.141 min
Lab File: BF136117.D
Acq: 03 Nov 2023 11:27

Tgt Ion: 70 Resp: 97284

Ion	Ratio	Lower	Upper
70	100		
42	44.0	43.0	64.4
101	0.0	8.0	12.0#
130	2.3	19.7	29.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.098 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136117.D

Acq: 03 Nov 2023 11:27

Instrument :

BNA_F

ClientSampleId :

PB156798BL

Tgt Ion:136 Resp: 473255

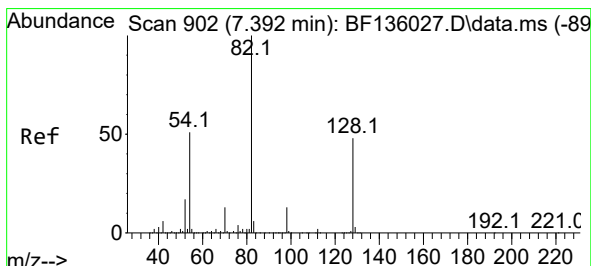
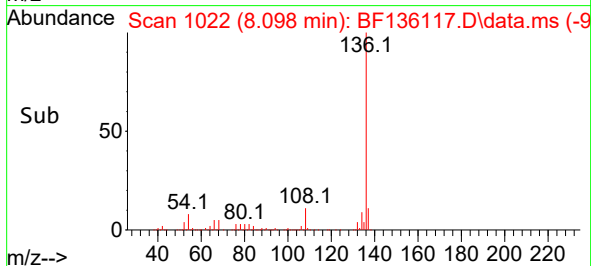
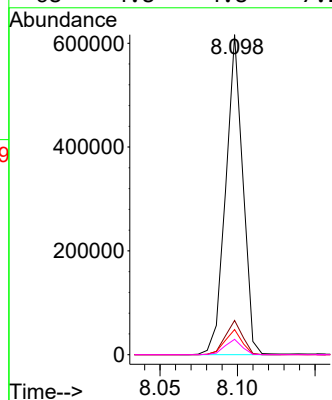
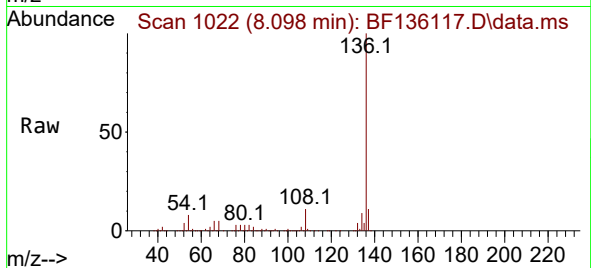
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 7.9 6.6 9.8

68 4.8 4.8 7.2



#23

Nitrobenzene-d5

Concen: 90.878 ng

RT: 7.386 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF136117.D

Acq: 03 Nov 2023 11:27

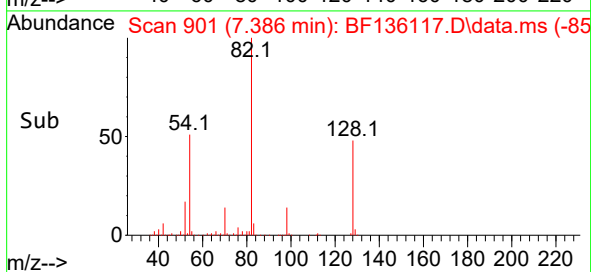
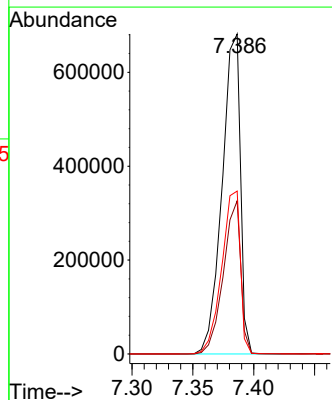
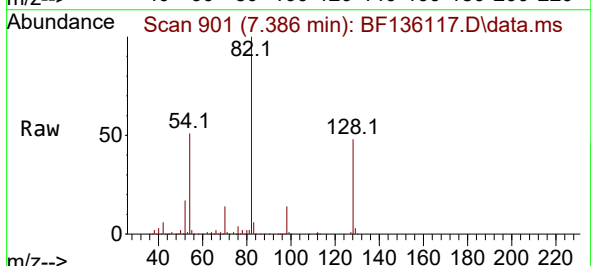
Tgt Ion: 82 Resp: 713450

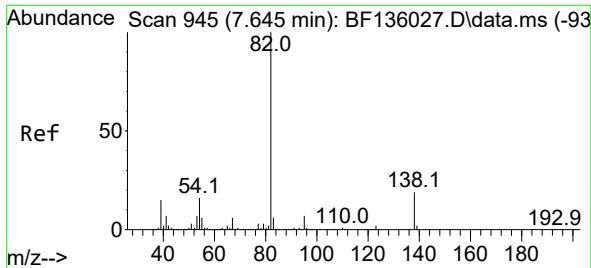
Ion Ratio Lower Upper

82 100

128 47.9 38.6 57.8

54 50.9 40.8 61.2

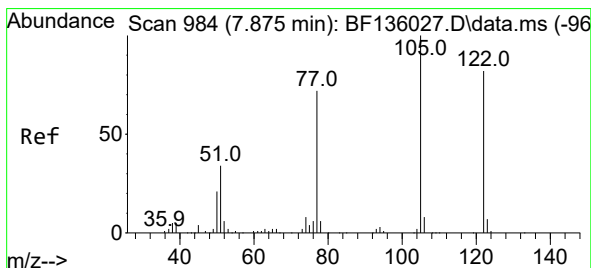
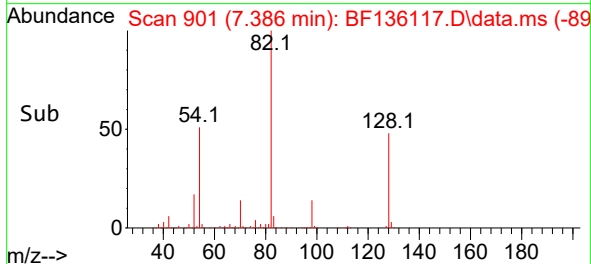
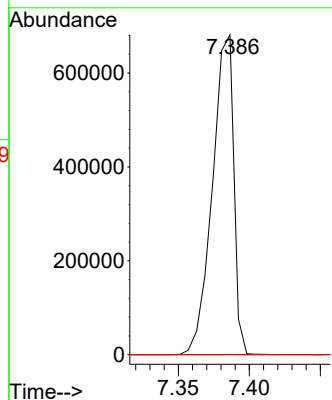
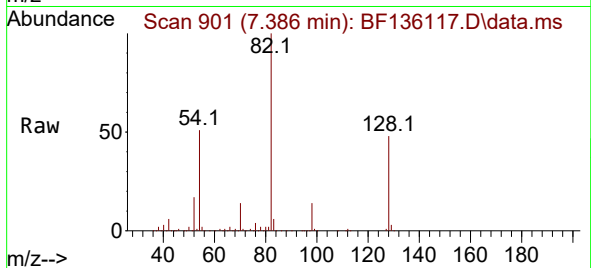




#25
Isophorone
Concen: 47.997 ng
RT: 7.386 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF136117.D
Acq: 03 Nov 2023 11:27

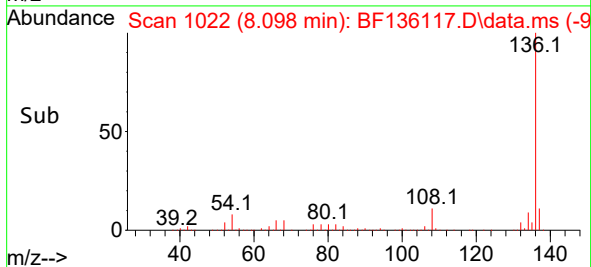
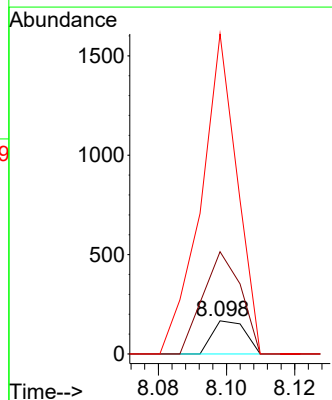
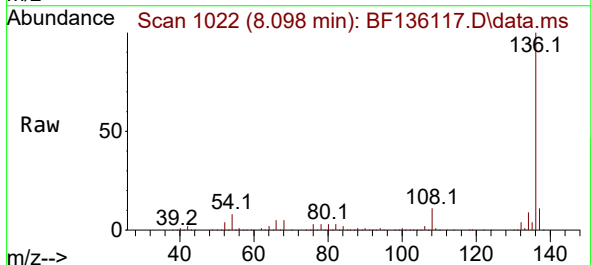
Instrument :
BNA_F
ClientSampleId :
PB156798BL

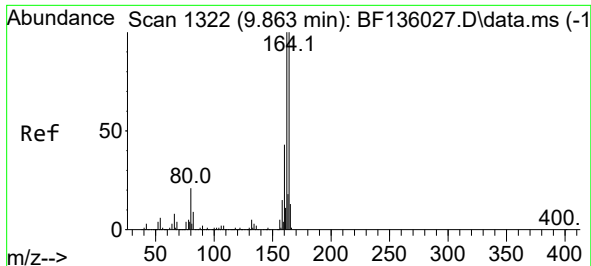
Tgt Ion: 82 Resp: 711367
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 15.3 22.9#



#32
Benzoic acid
Concen: 5.133 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.223 min
Lab File: BF136117.D
Acq: 03 Nov 2023 11:27

Tgt Ion:122 Resp: 113
Ion Ratio Lower Upper
122 100
105 308.4 99.5 139.5#
77 964.1 66.8 106.8#

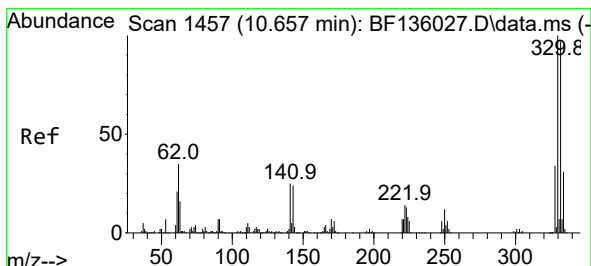
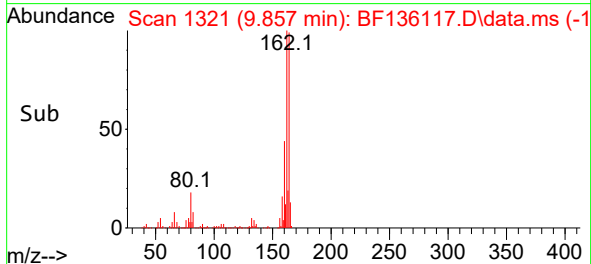
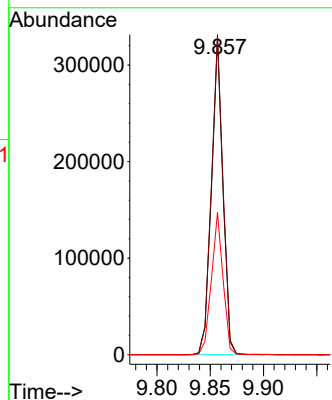
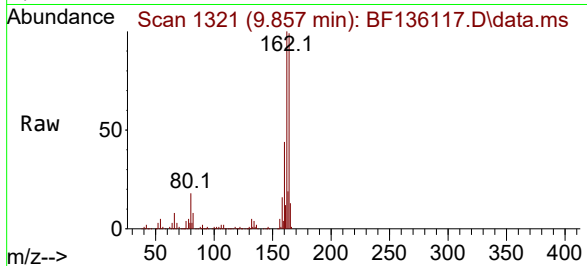




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF136117.D
Acq: 03 Nov 2023 11:27

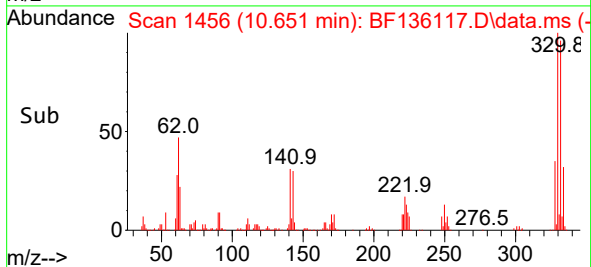
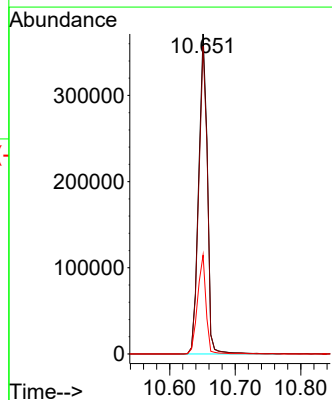
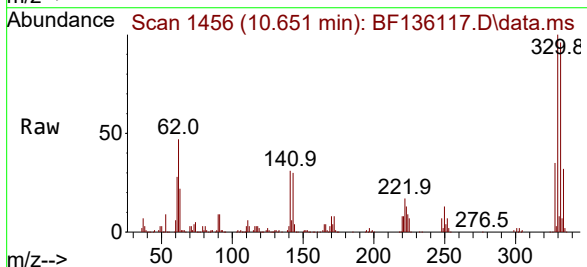
Instrument :
BNA_F
ClientSampleId :
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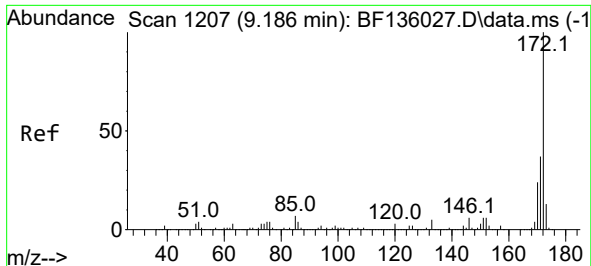
Tgt Ion:164 Resp: 245019
Ion Ratio Lower Upper
164 100
162 101.1 80.1 120.1
160 44.9 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 130.834 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF136117.D
Acq: 03 Nov 2023 11:27

Tgt Ion:330 Resp: 342168
Ion Ratio Lower Upper
330 100
332 96.3 76.9 115.3
141 30.2 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 86.662 ng

RT: 9.180 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136117.D

Acq: 03 Nov 2023 11:27

Instrument :

BNA_F

ClientSampleId :

PB156798BL

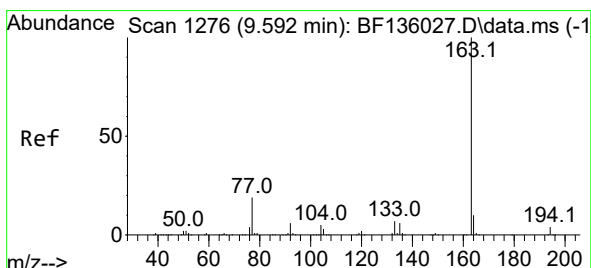
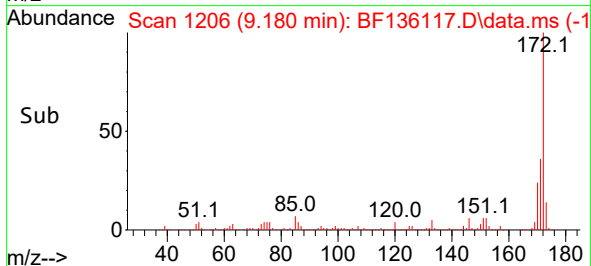
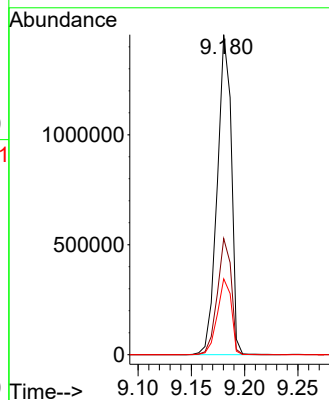
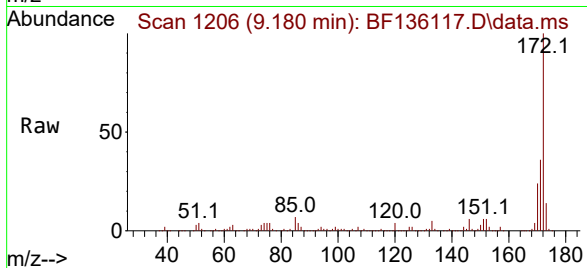
Tgt Ion:172 Resp: 1332029

Ion Ratio Lower Upper

172 100

171 36.3 29.4 44.0

170 23.7 19.3 28.9



#50

Dimethylphthalate

Concen: 3.070 ng

RT: 9.857 min Scan# 1321

Delta R.T. 0.265 min

Lab File: BF136117.D

Acq: 03 Nov 2023 11:27

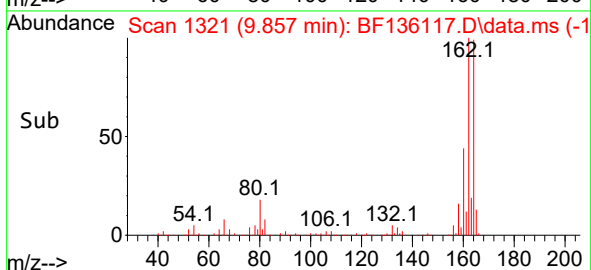
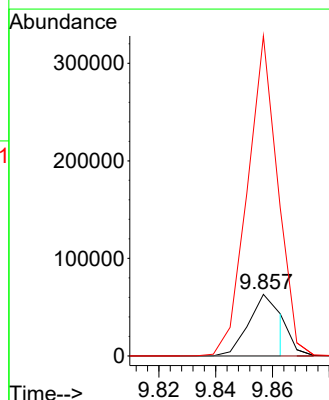
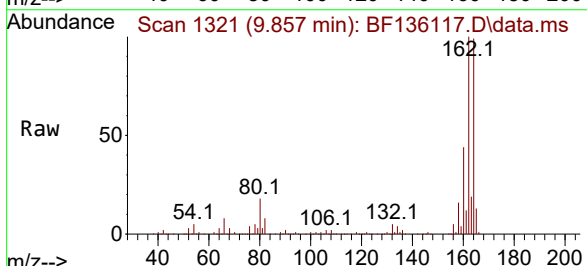
Tgt Ion:163 Resp: 49622

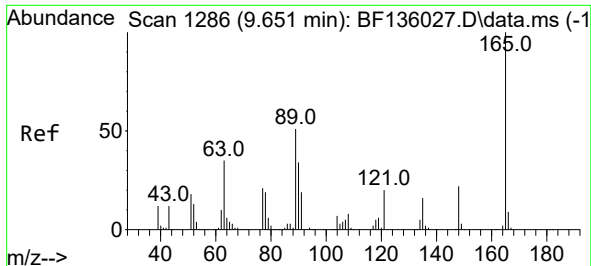
Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

164 518.9 8.1 12.1#

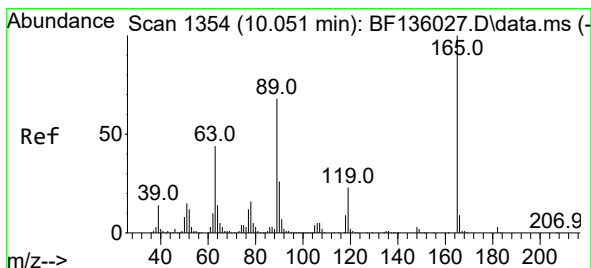
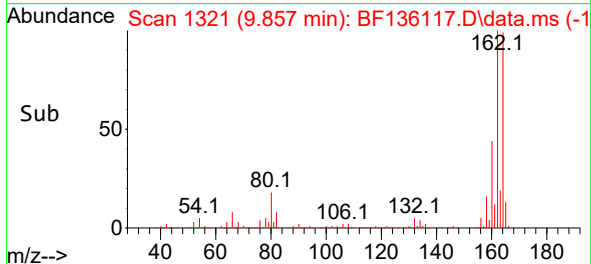
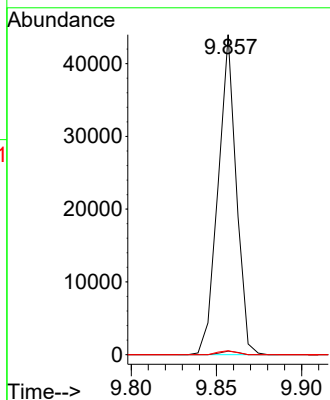
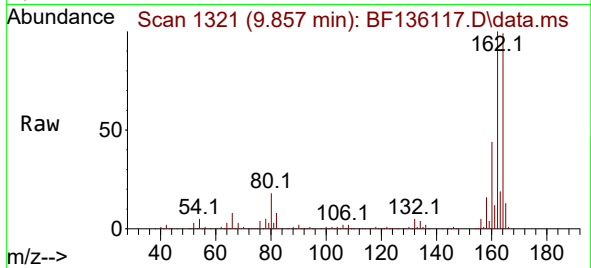




#51
2,6-Dinitrotoluene
Concen: 9.437 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF136117.D
Acq: 03 Nov 2023 11:27

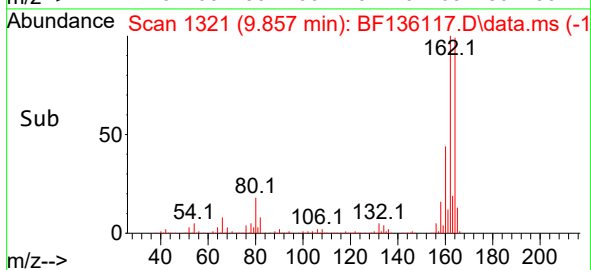
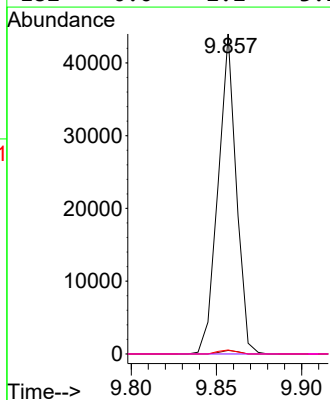
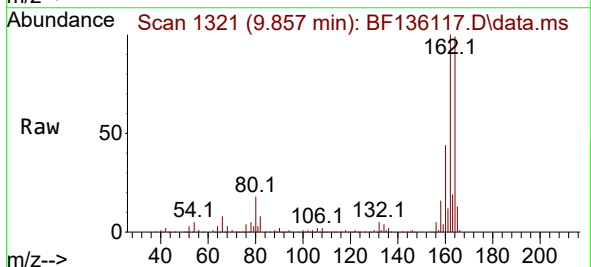
Instrument :
BNA_F
ClientSampleId :
PB156798BL

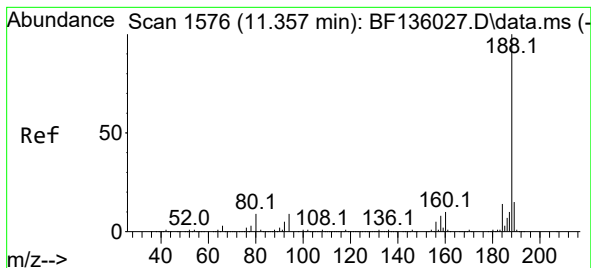
Tgt Ion:165 Resp: 32622
Ion Ratio Lower Upper
165 100
63 1.1 40.8 61.2#
89 1.3 41.1 61.7#



#57
2,4-Dinitrotoluene
Concen: 7.459 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF136117.D
Acq: 03 Nov 2023 11:27

Tgt Ion:165 Resp: 32622
Ion Ratio Lower Upper
165 100
63 1.1 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: 11.351 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136117.D

Acq: 03 Nov 2023 11:27

Instrument :

BNA_F

ClientSampleId :

PB156798BL

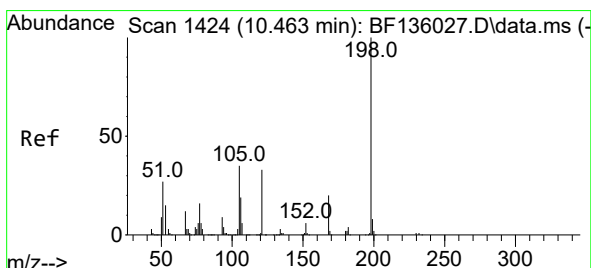
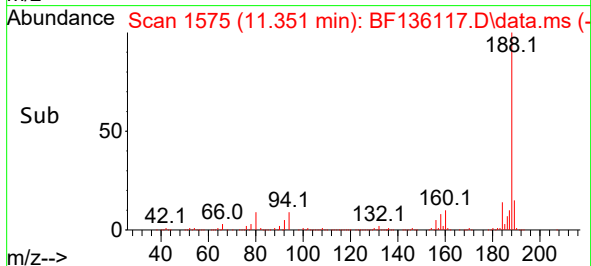
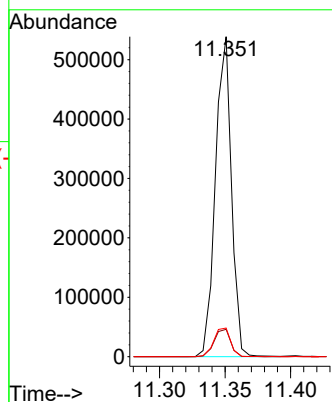
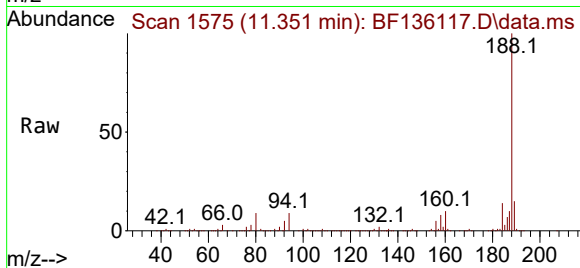
Tgt Ion:188 Resp: 455982

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

80 8.9 7.4 11.0



#65

4,6-Dinitro-2-methylphenol

Concen: 6.064 ng

RT: 10.651 min Scan# 1456

Delta R.T. 0.188 min

Lab File: BF136117.D

Acq: 03 Nov 2023 11:27

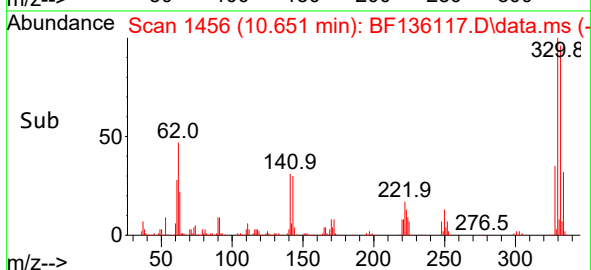
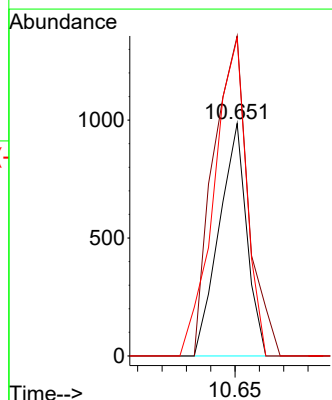
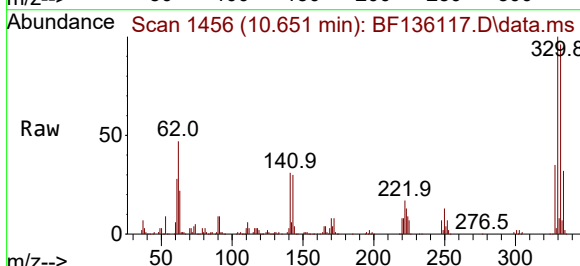
Tgt Ion:198 Resp: 778

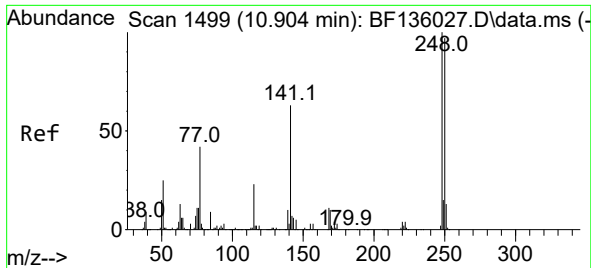
Ion Ratio Lower Upper

198 100

51 137.6 12.9 52.9#

105 136.7 16.0 56.0#

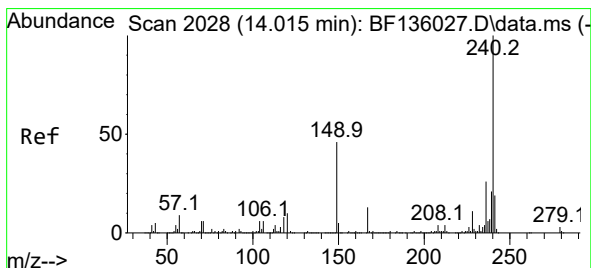
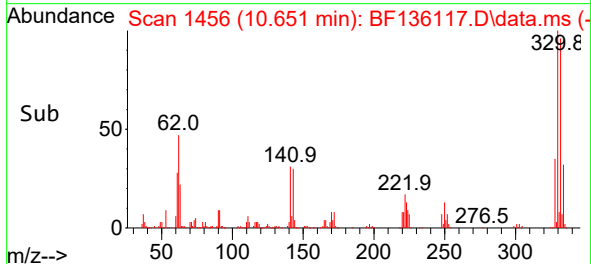
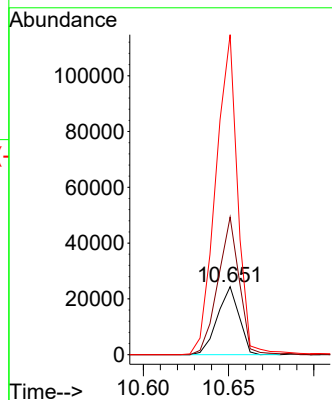
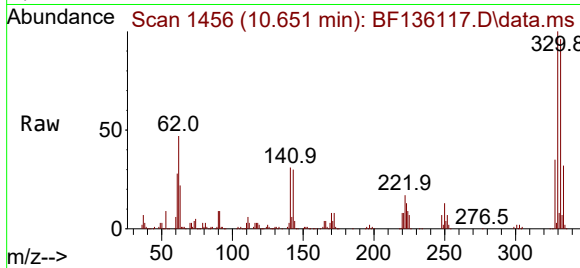




#67
4-Bromophenyl-phenylether
Concen: 4.523 ng
RT: 10.651 min Scan# 1499
Delta R.T. -0.253 min
Lab File: BF136117.D
Acq: 03 Nov 2023 11:27

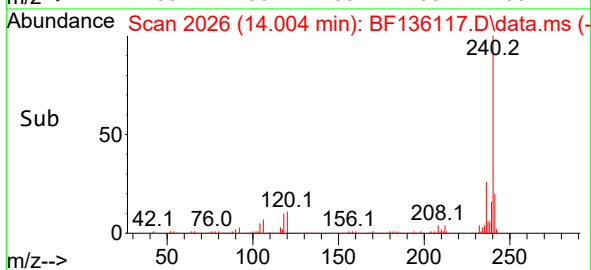
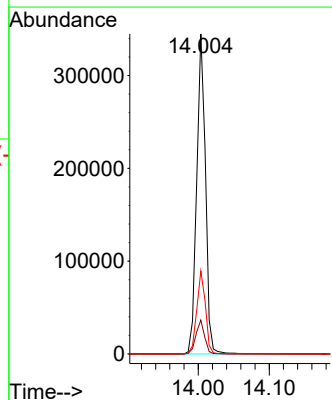
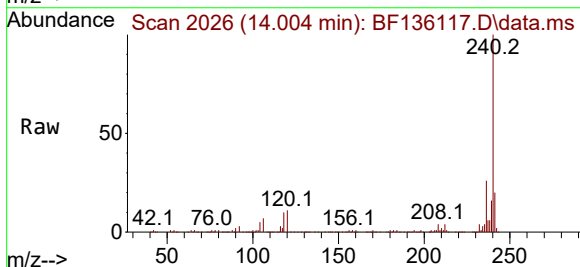
Instrument :
BNA_F
ClientSampleId :
PB156798BL

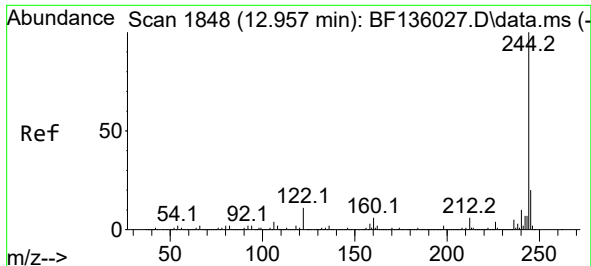
Tgt Ion:248 Resp: 21623
Ion Ratio Lower Upper
248 100
250 202.4 77.6 116.4#
141 470.5 50.4 75.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.012 min
Lab File: BF136117.D
Acq: 03 Nov 2023 11:27

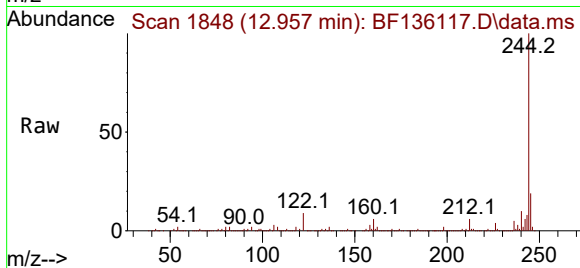
Tgt Ion:240 Resp: 297324
Ion Ratio Lower Upper
240 100
120 10.6 7.6 11.4
236 26.0 20.6 31.0



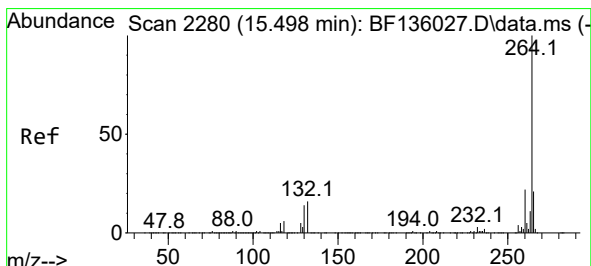
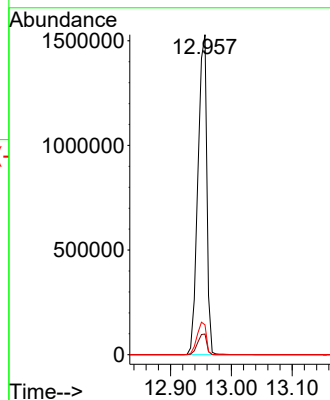
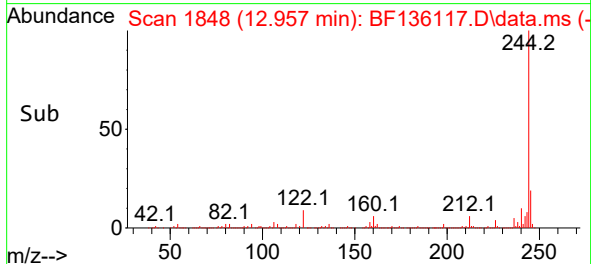


#79
 Terphenyl-d14
 Concen: 81.183 ng
 RT: 12.957 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF136117.D
 Acq: 03 Nov 2023 11:27

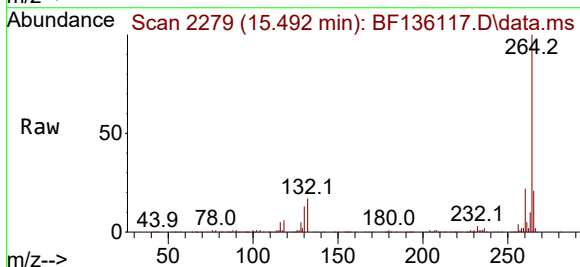
Instrument :
 BNA_F
 ClientSampleId :
 PB156798BL



Tgt Ion:244 Resp: 1553222
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 9.3 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. -0.006 min
 Lab File: BF136117.D
 Acq: 03 Nov 2023 11:27



Tgt Ion:264 Resp: 249285
 Ion Ratio Lower Upper
 264 100
 260 22.4 17.9 26.9
 265 21.0 16.8 25.2

