

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103023\
 Data File : BF136033.D
 Acq On : 30 Oct 2023 17:56
 Operator : CG\JU
 Sample : PB156392BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156392BL

Quant Time: Oct 31 01:40:16 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)

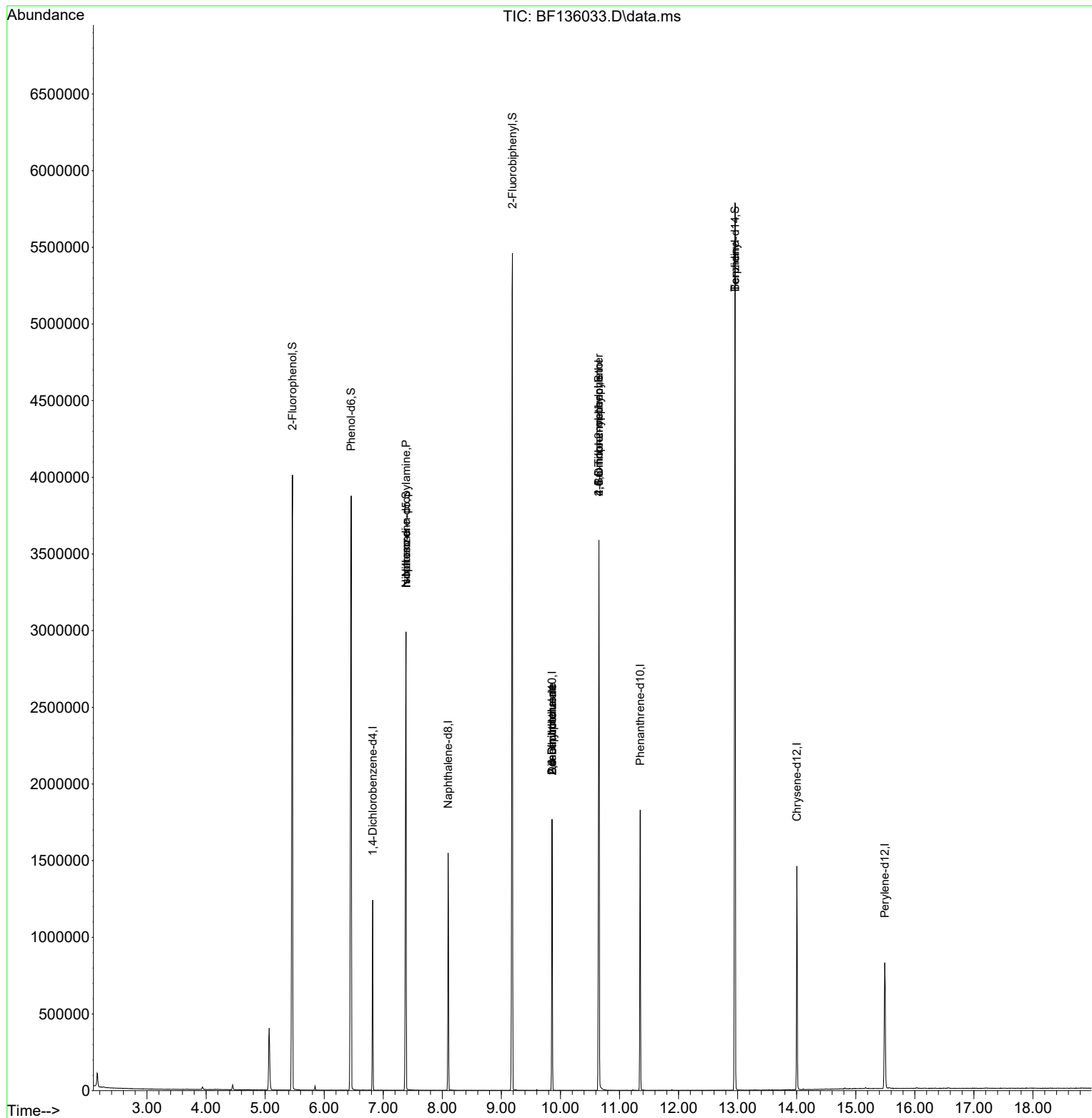
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	161729	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	634760	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	328895	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	615565	20.000	ng	0.00
76) Chrysene-d12	14.004	240	455003	20.000	ng	#-0.01
86) Perylene-d12	15.492	264	374897	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1321554	128.406	ng	0.01
7) Phenol-d6	6.457	99	1626377	126.831	ng	0.00
23) Nitrobenzene-d5	7.386	82	977847	92.865	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	485390	138.266	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1808571	87.659	ng	0.00
79) Terphenyl-d14	12.957	244	2262922	77.289	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.386	70	128186	17.495	ng	# 77
25) Isophorone	7.386	82	976426	49.118	ng	# 64
50) Dimethylphthalate	9.857	163	64112	2.955	ng	# 1
51) 2,6-Dinitrotoluene	9.857	165	42610	9.183	ng	# 28
57) 2,4-Dinitrotoluene	9.857	165	42610	7.258	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.651	198	1014	6.054	ng	# 1
67) 4-Bromophenyl-phenylether	10.651	248	28760	4.456	ng	# 1
77) Benzidine	12.957	184	27219	3.069	ng	# 93

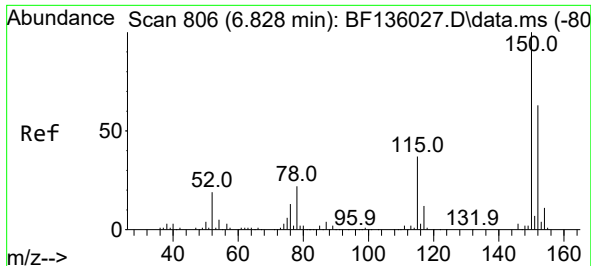
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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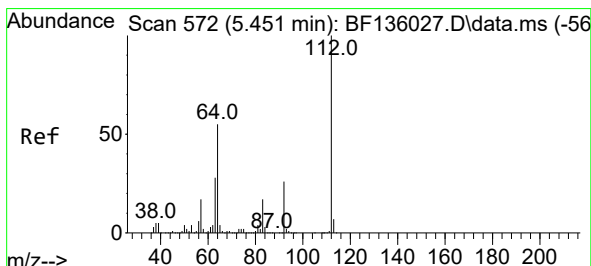
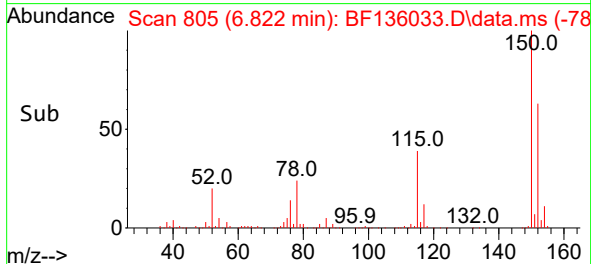
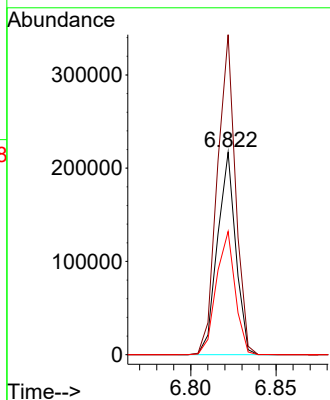
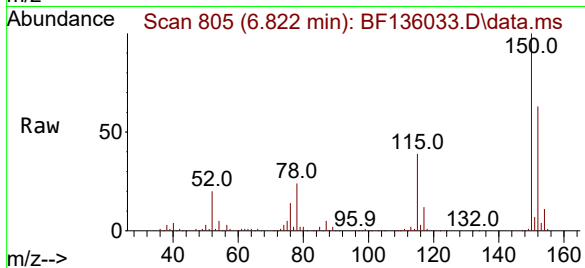




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF136033.D
Acq: 30 Oct 2023 17:56

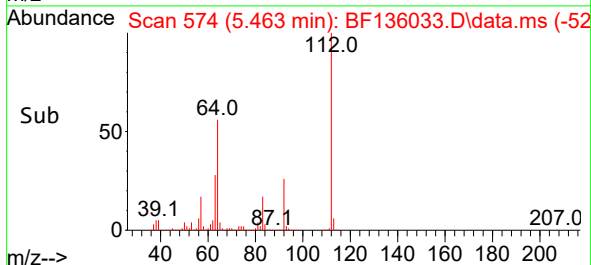
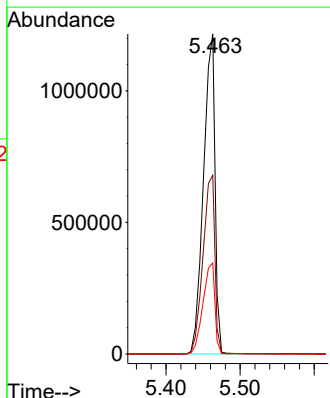
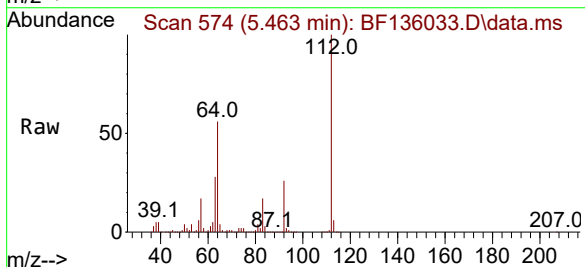
Instrument :
BNA_F
ClientSampleId :
PB156392BL

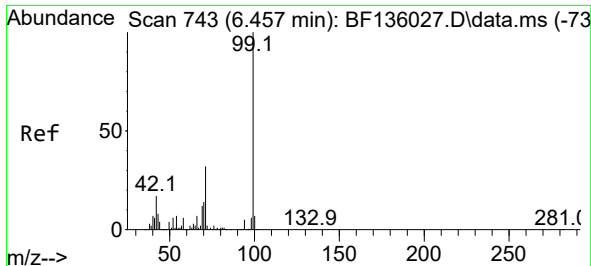
Tgt Ion:152 Resp: 161729
Ion Ratio Lower Upper
152 100
150 158.1 126.4 189.6
115 60.9 47.0 70.4



#5
2-Fluorophenol
Concen: 128.406 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.012 min
Lab File: BF136033.D
Acq: 30 Oct 2023 17:56

Tgt Ion:112 Resp: 1321554
Ion Ratio Lower Upper
112 100
64 55.8 43.9 65.9
63 28.4 22.4 33.6



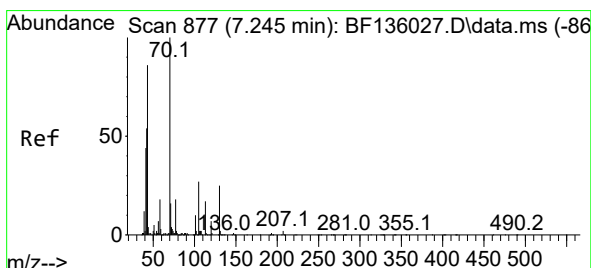
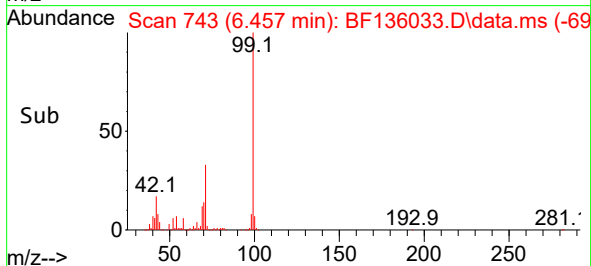
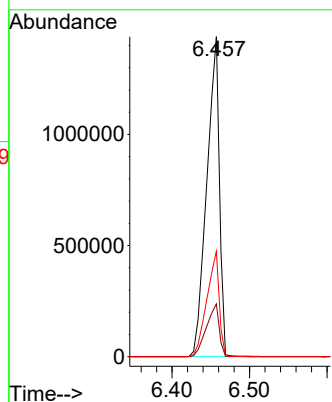
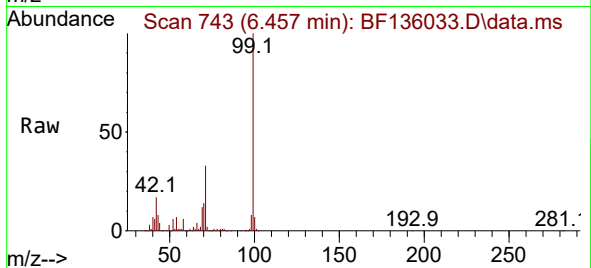


#7
Phenol-d6
Concen: 126.831 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136033.D
Acq: 30 Oct 2023 17:56

Instrument :
BNA_F
ClientSampleId :
PB156392BL

Tgt Ion: 99 Resp: 1626377

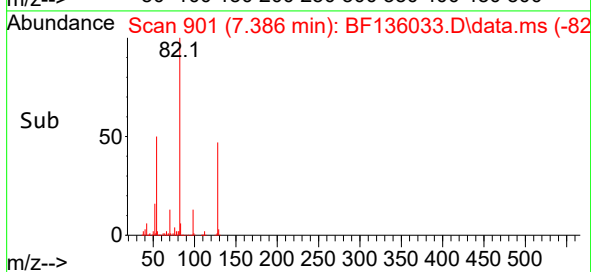
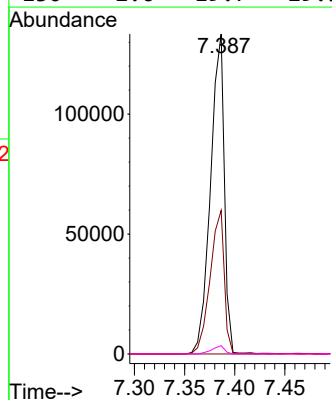
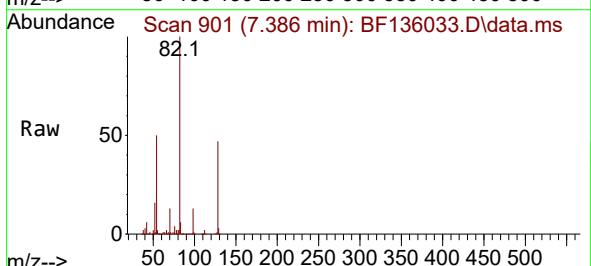
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.7	20.5
71	32.9	25.9	38.9

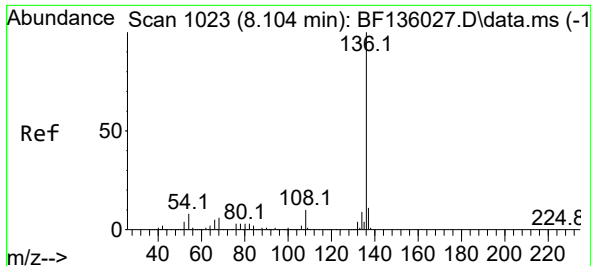


#19
n-Nitroso-di-n-propylamine
Concen: 17.495 ng
RT: 7.386 min Scan# 901
Delta R.T. 0.141 min
Lab File: BF136033.D
Acq: 30 Oct 2023 17:56

Tgt Ion: 70 Resp: 128186

Ion	Ratio	Lower	Upper
70	100		
42	44.9	43.0	64.4
101	0.0	8.0	12.0#
130	2.6	19.7	29.5#



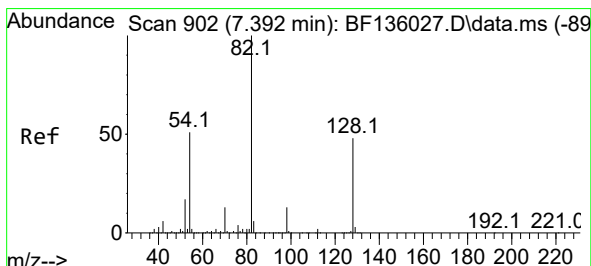
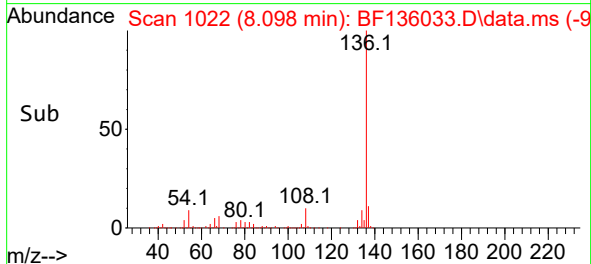
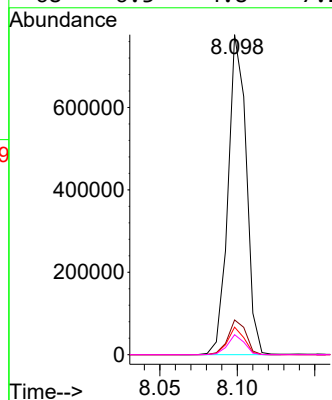
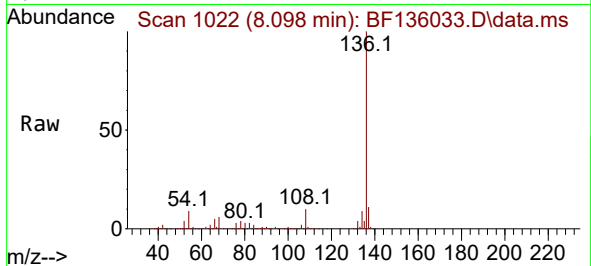


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF136033.D
Acq: 30 Oct 2023 17:56

Instrument :
BNA_F
ClientSampleId :
PB156392BL

Tgt Ion:136 Resp: 634760

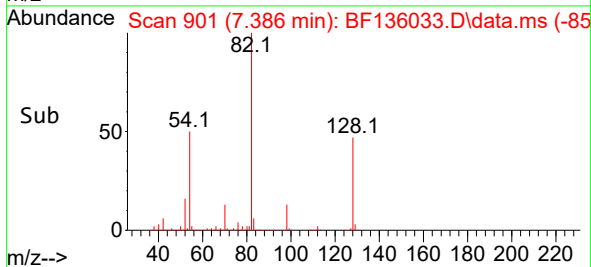
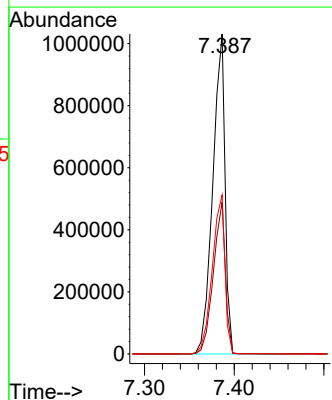
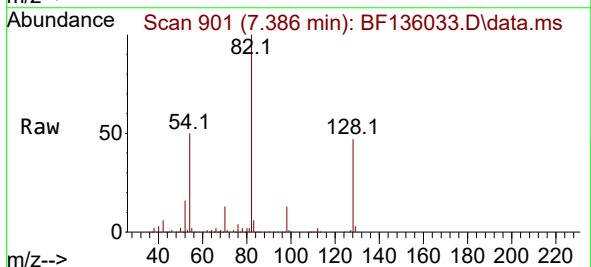
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.6	6.6	9.8
68	6.3	4.8	7.2

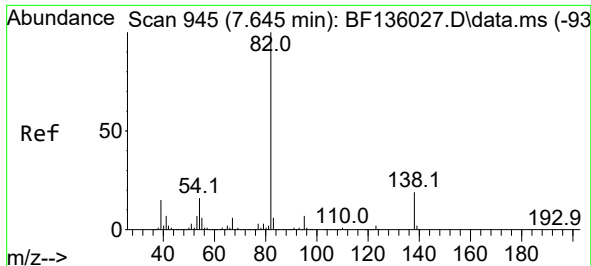


#23
Nitrobenzene-d5
Concen: 92.865 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF136033.D
Acq: 30 Oct 2023 17:56

Tgt Ion: 82 Resp: 977847

Ion	Ratio	Lower	Upper
82	100		
128	47.5	38.6	57.8
54	49.7	40.8	61.2

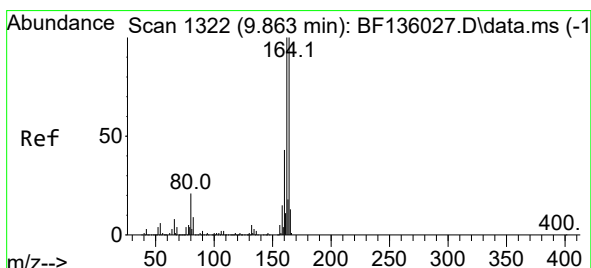
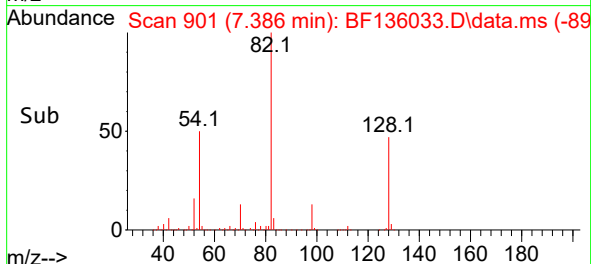
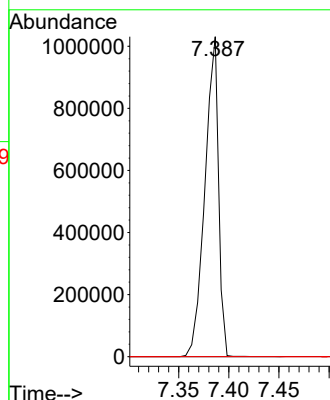
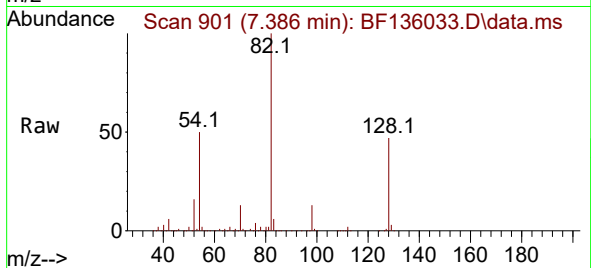




#25
Isophorone
Concen: 49.118 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.259 min
Lab File: BF136033.D
Acq: 30 Oct 2023 17:56

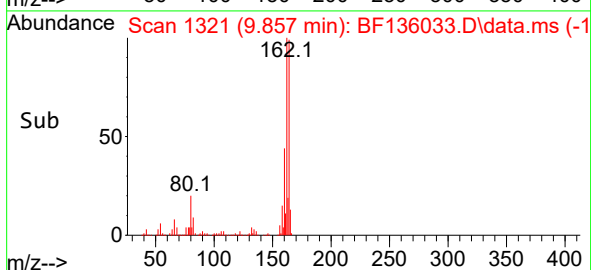
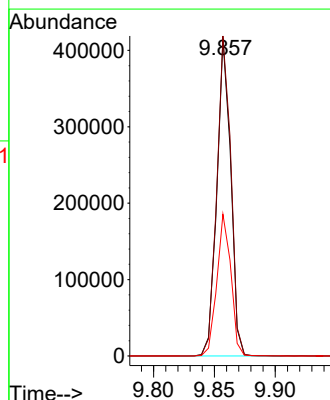
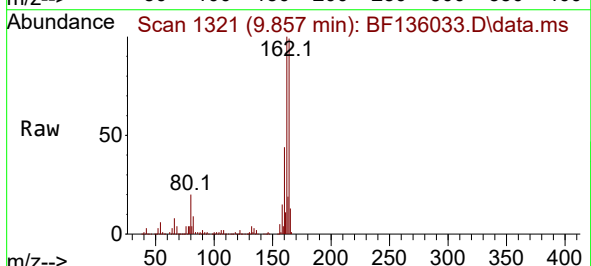
Instrument :
BNA_F
ClientSampleId :
PB156392BL

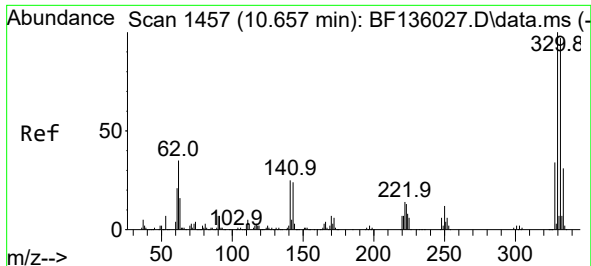
Tgt Ion: 82 Resp: 976426
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 15.3 22.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136033.D
Acq: 30 Oct 2023 17:56

Tgt Ion: 164 Resp: 328895
Ion Ratio Lower Upper
164 100
162 100.9 80.1 120.1
160 44.7 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 138.266 ng

RT: 10.651 min Scan# 1456

Delta R.T. -0.006 min

Lab File: BF136033.D

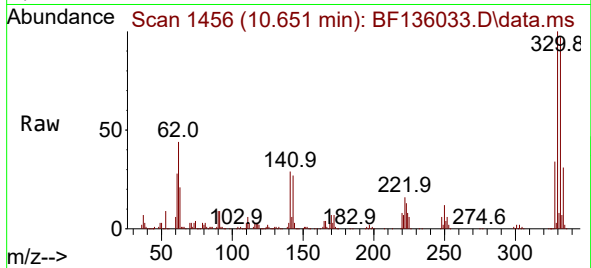
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Instrument :

BNA_F

ClientSampleId :

PB156392BL



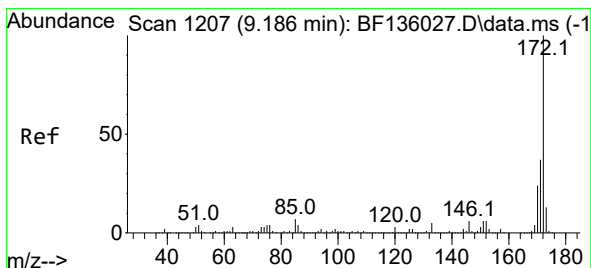
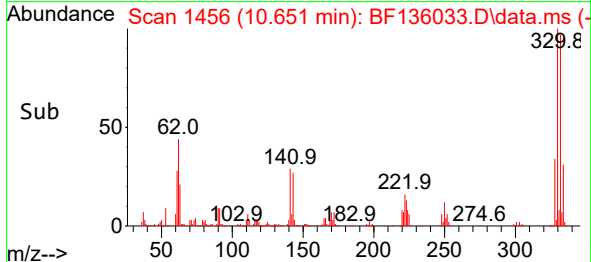
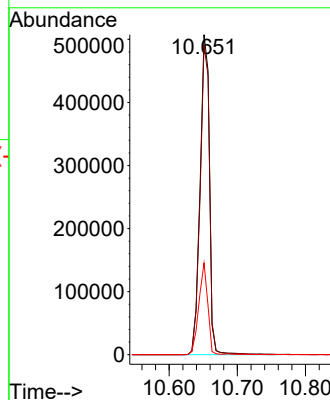
Tgt Ion:330 Resp: 485390

Ion Ratio Lower Upper

330 100

332 97.4 76.9 115.3

141 27.1 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 87.659 ng

RT: 9.186 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF136033.D

Acq: 30 Oct 2023 17:56

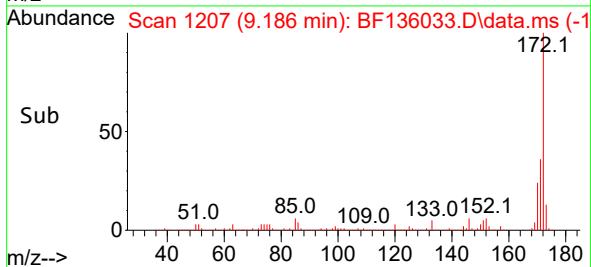
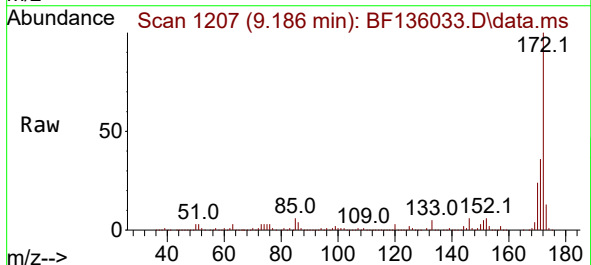
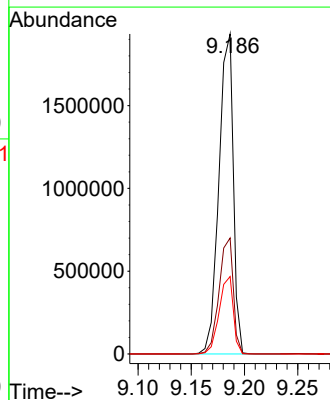
Tgt Ion:172 Resp: 1808571

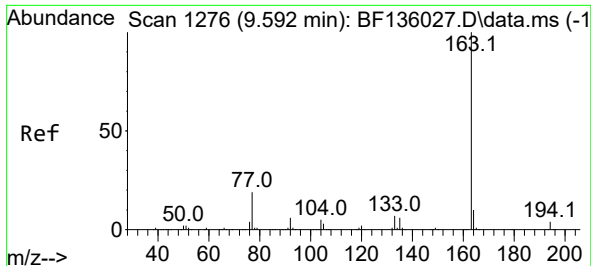
Ion Ratio Lower Upper

172 100

171 36.2 29.4 44.0

170 24.2 19.3 28.9

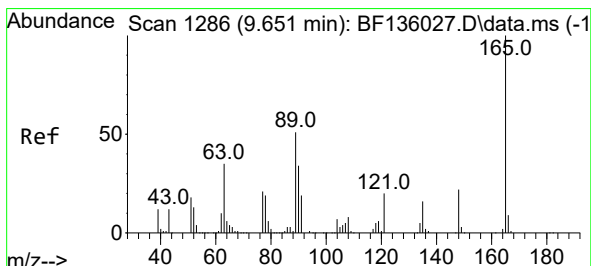
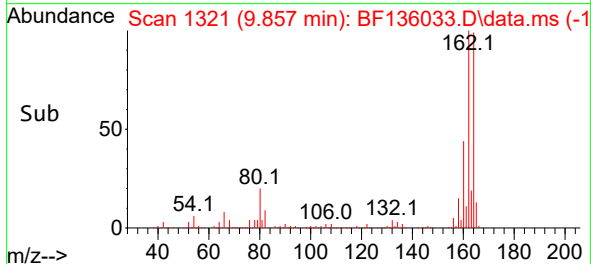
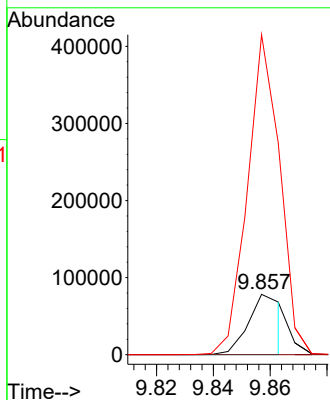
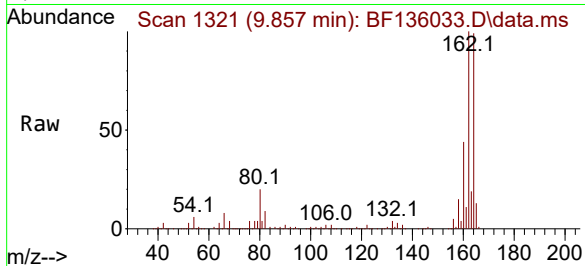




#50
Dimethylphthalate
Concen: 2.955 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.265 min
Lab File: BF136033.D
Acq: 30 Oct 2023 17:56

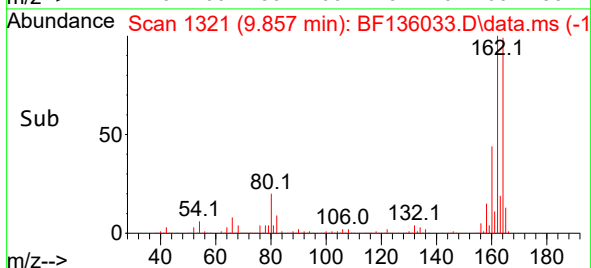
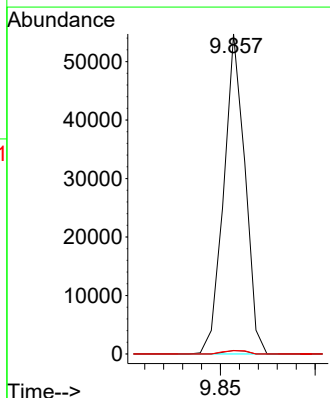
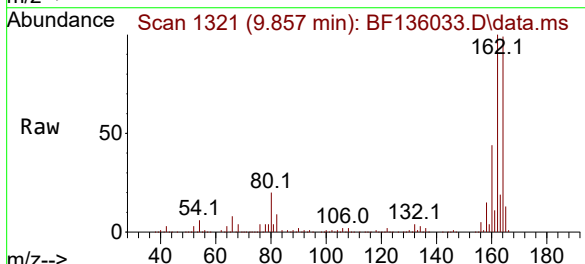
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PB156392BL

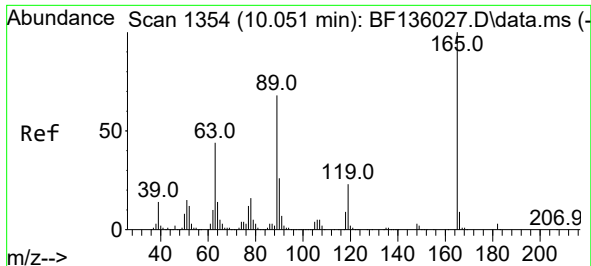
Tgt Ion:163 Resp: 64112
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 530.1 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 9.183 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.206 min
Lab File: BF136033.D
Acq: 30 Oct 2023 17:56

Tgt Ion:165 Resp: 42610
Ion Ratio Lower Upper
165 100
63 1.1 40.8 61.2#
89 1.0 41.1 61.7#

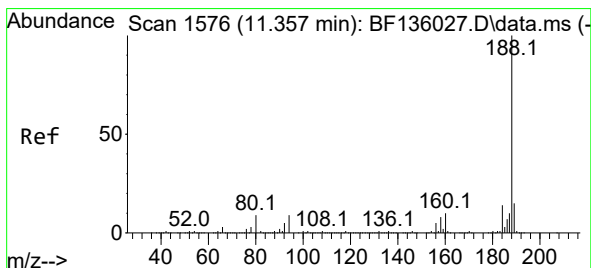
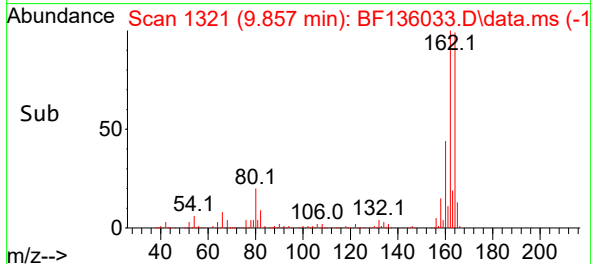
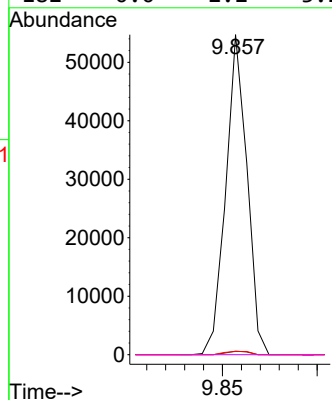
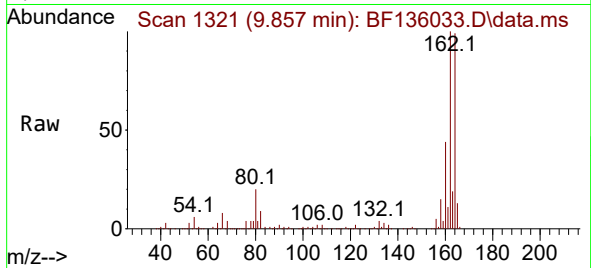




#57
2,4-Dinitrotoluene
Concen: 7.258 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF136033.D
Acq: 30 Oct 2023 17:56

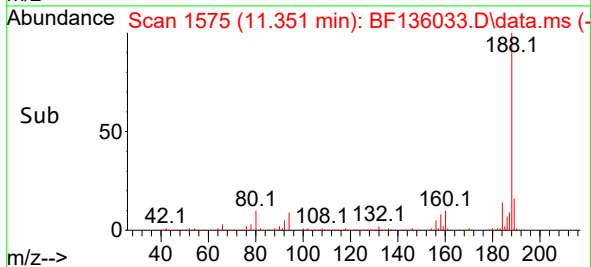
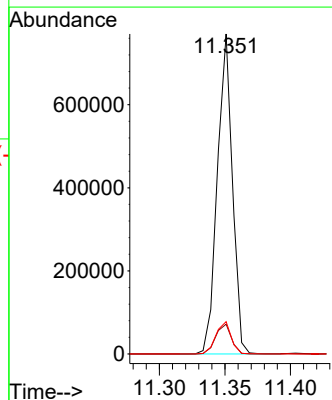
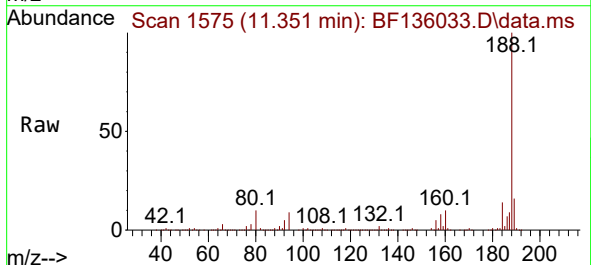
Instrument :
BNA_F
ClientSampleId :
PB156392BL

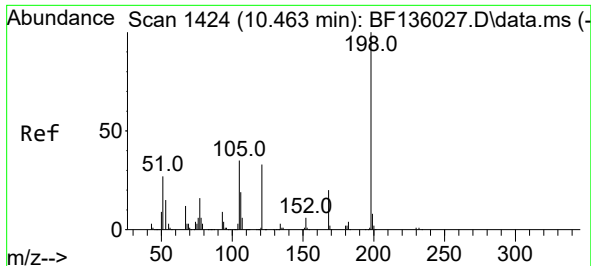
Tgt Ion:165 Resp: 42610
Ion Ratio Lower Upper
165 100
63 1.1 35.2 52.8#
89 1.0 54.8 82.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.006 min
Lab File: BF136033.D
Acq: 30 Oct 2023 17:56

Tgt Ion:188 Resp: 615565
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 10.1 7.4 11.0

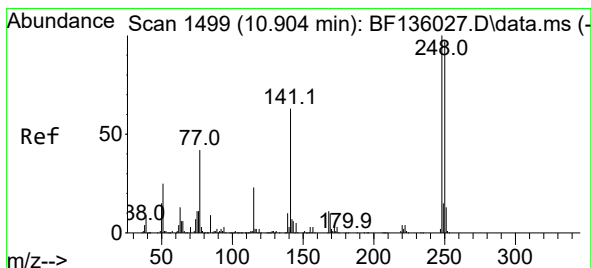
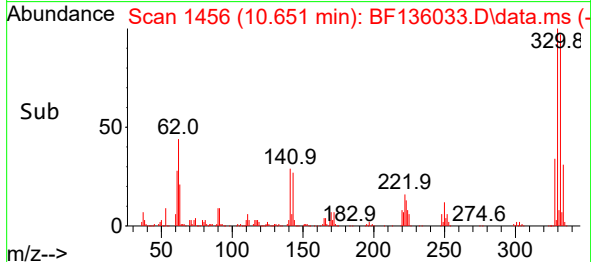
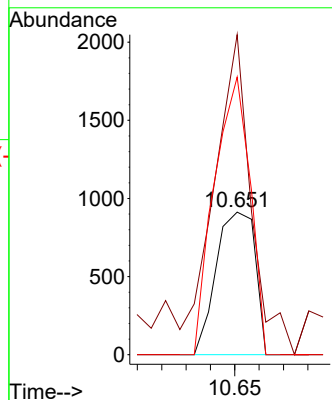
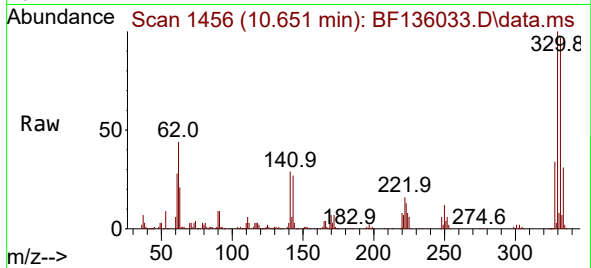




#65
4,6-Dinitro-2-methylphenol
Concen: 6.054 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.188 min
Lab File: BF136033.D
Acq: 30 Oct 2023 17:56

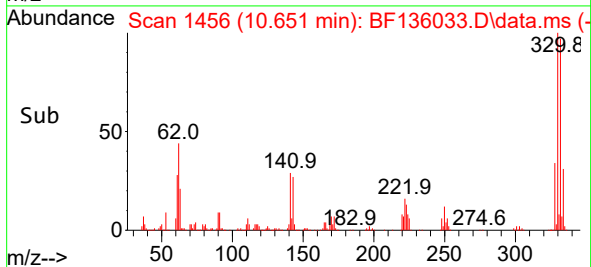
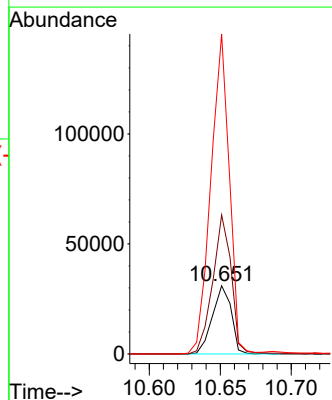
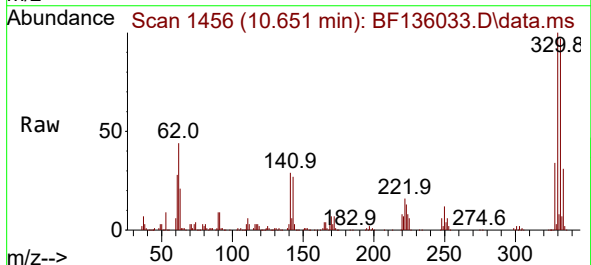
Instrument :
BNA_F
ClientSampleId :
PB156392BL

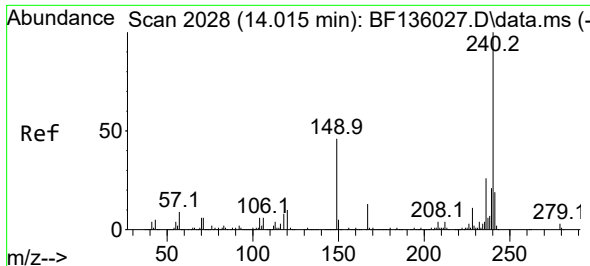
Tgt Ion:198 Resp: 1014
Ion Ratio Lower Upper
198 100
51 224.3 12.9 52.9#
105 194.6 16.0 56.0#



#67
4-Bromophenyl-phenylether
Concen: 4.456 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.253 min
Lab File: BF136033.D
Acq: 30 Oct 2023 17:56

Tgt Ion:248 Resp: 28760
Ion Ratio Lower Upper
248 100
250 203.7 77.6 116.4#
141 468.9 50.4 75.6#

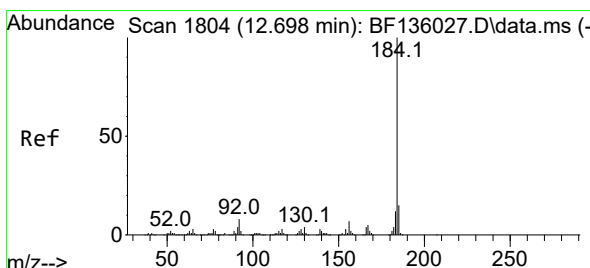
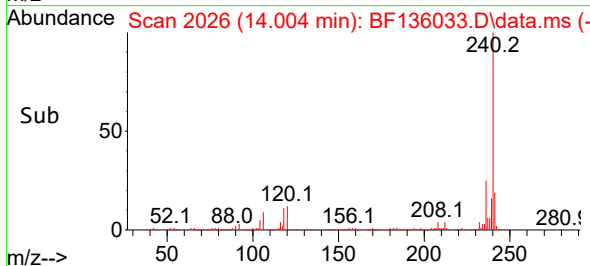
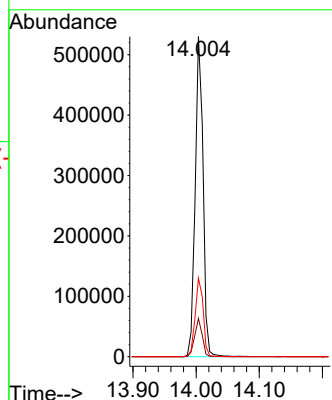
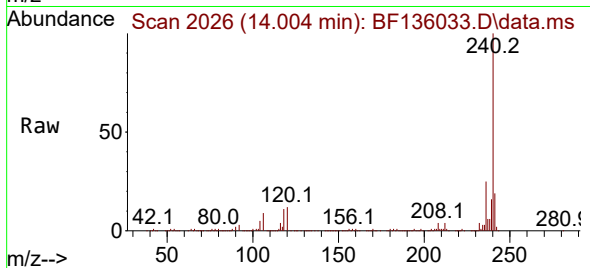




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF136033.D
Acq: 30 Oct 2023 17:56

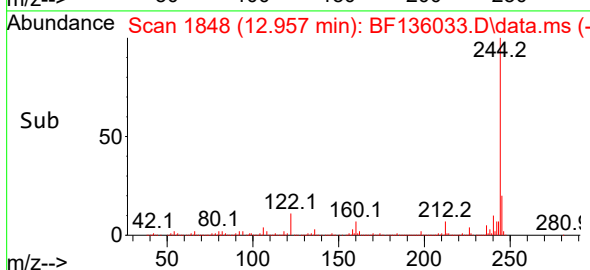
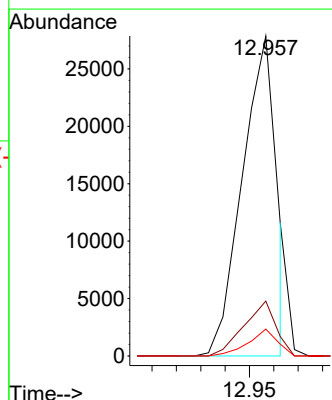
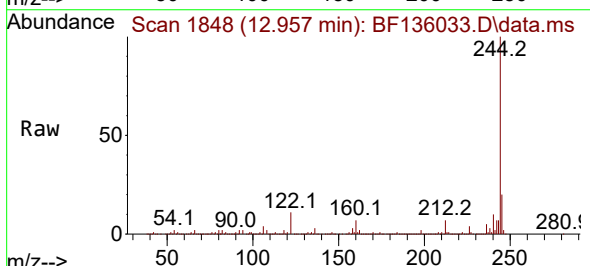
Instrument :
BNA_F
ClientSampleId :
PB156392BL

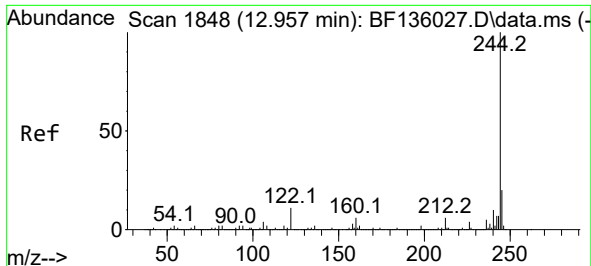
Tgt Ion:240 Resp: 455003
Ion Ratio Lower Upper
240 100
120 12.0 7.6 11.4#
236 24.5 20.6 31.0



#77
Benzidine
Concen: 3.069 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.259 min
Lab File: BF136033.D
Acq: 30 Oct 2023 17:56

Tgt Ion:184 Resp: 27219
Ion Ratio Lower Upper
184 100
185 17.1 11.8 17.8
183 8.4 9.5 14.3#

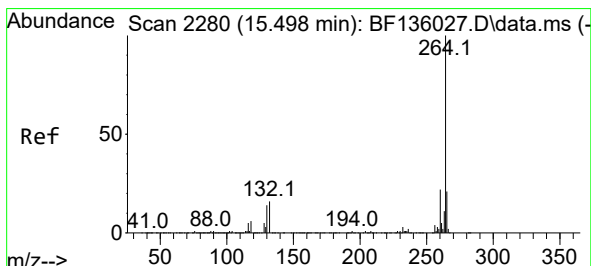
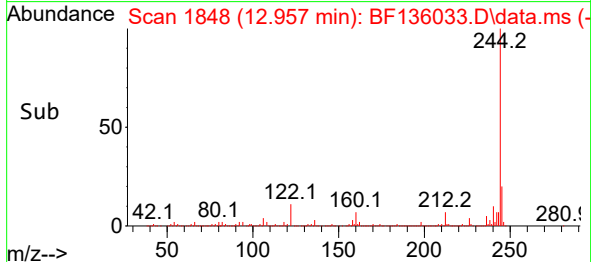
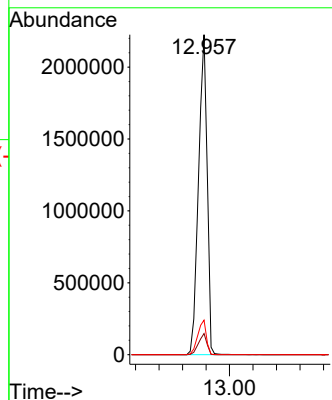
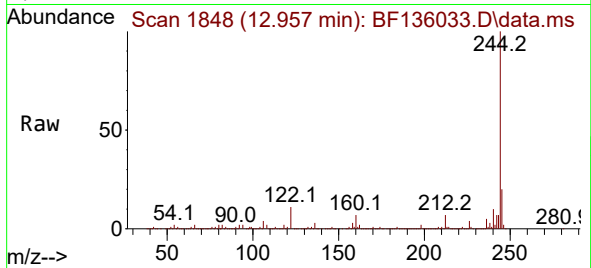




#79
 Terphenyl-d14
 Concen: 77.289 ng
 RT: 12.957 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF136033.D
 Acq: 30 Oct 2023 17:56

Instrument :
 BNA_F
 ClientSampleId :
 PB156392BL

Tgt Ion:244 Resp: 2262922
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 10.8 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: BF136033.D
 Acq: 30 Oct 2023 17:56

Tgt Ion:264 Resp: 374897
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.9 26.9
 265 22.0 16.8 25.2

