

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
 Data File : BF136489.D
 Acq On : 11 Dec 2023 14:27
 Operator : CG\JU
 Sample : PB157390BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157390BL

Quant Time: Dec 11 14:49:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

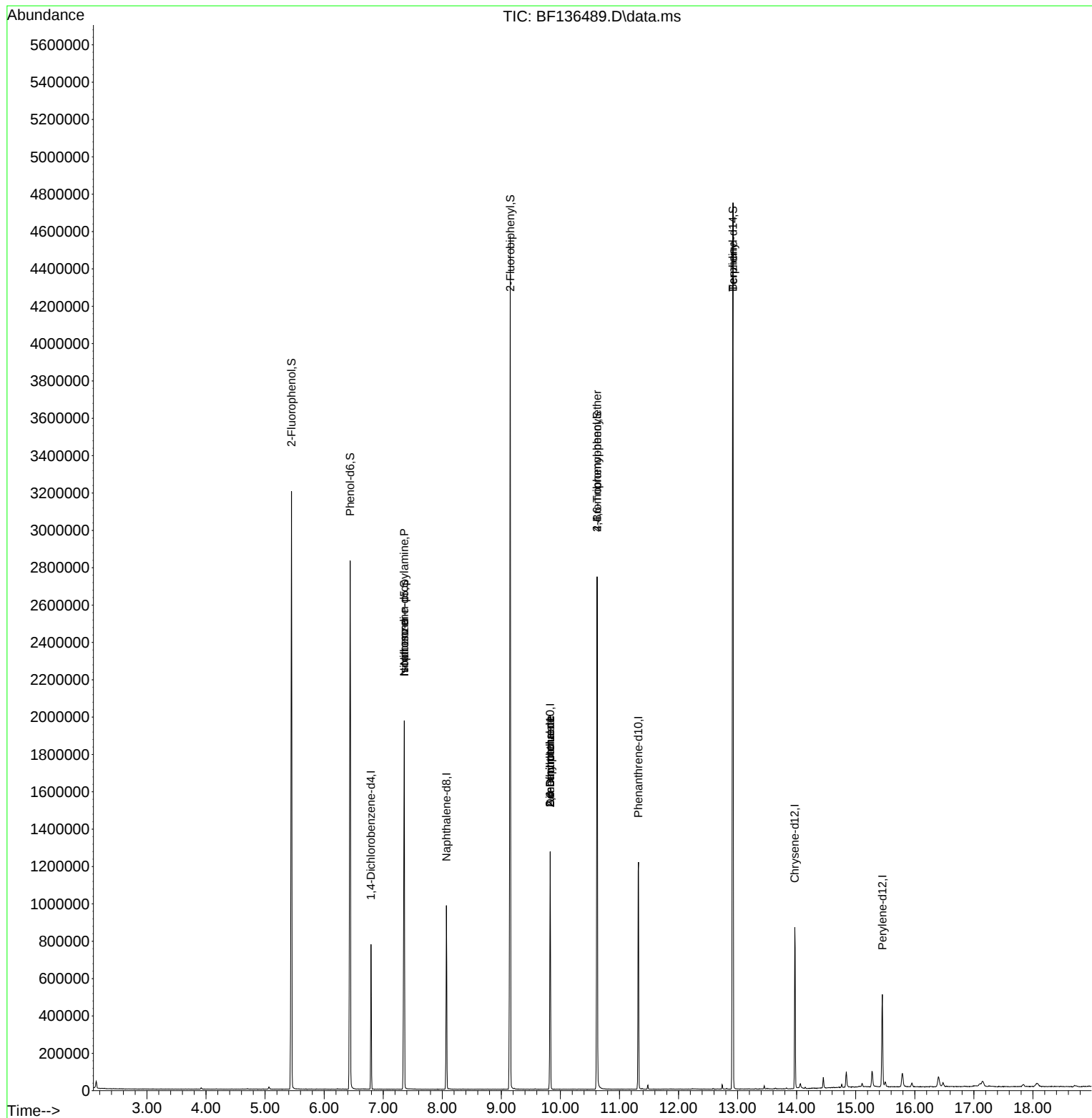
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	109493	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	451578	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	235079	20.000	ng	-0.01
64) Phenanthrene-d10	11.322	188	472935	20.000	ng	0.00
76) Chrysene-d12	13.969	240	294323	20.000	ng	#-0.01
86) Perylene-d12	15.451	264	225842	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	968785	130.668	ng	0.01
7) Phenol-d6	6.440	99	1200126	129.741	ng	0.00
23) Nitrobenzene-d5	7.357	82	700425	83.851	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	390023	134.558	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1464124	84.984	ng	-0.01
79) Terphenyl-d14	12.922	244	1814521	81.258	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.440	77	1528	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.357	70	92007	17.243	ng	# 76
25) Isophorone	7.357	82	700412	46.671	ng	# 65
50) Dimethylphthalate	9.828	163	47943	2.770	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	30315	7.786	ng	# 28
57) 2,4-Dinitrotoluene	9.828	165	30315	5.885	ng	# 27
67) 4-Bromophenyl-phenylether	10.622	248	22855	4.156	ng	# 1
77) Benzidine	12.922	184	20550	3.730	ng	# 96

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
Response via : Initial Calibration

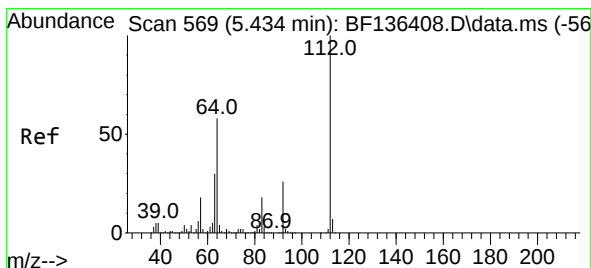
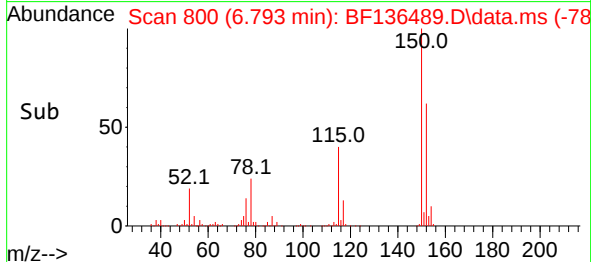
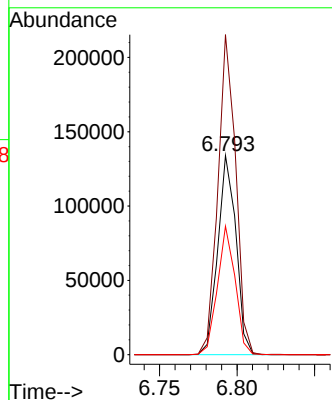
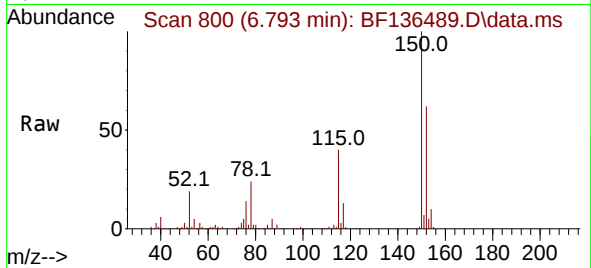




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 802
Delta R.T. -0.011 min
Lab File: BF136489.D
Acq: 11 Dec 2023 14:27

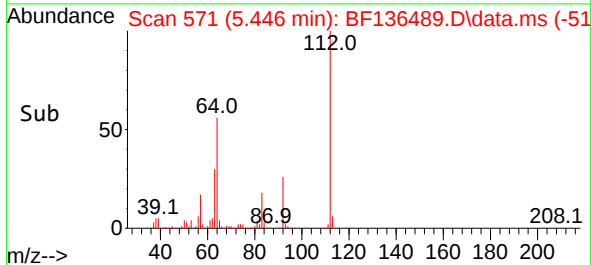
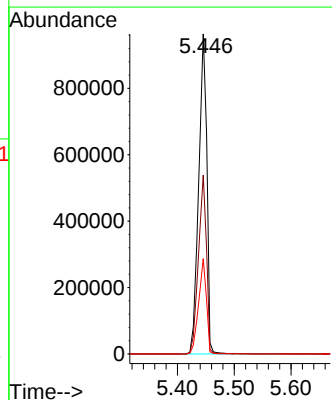
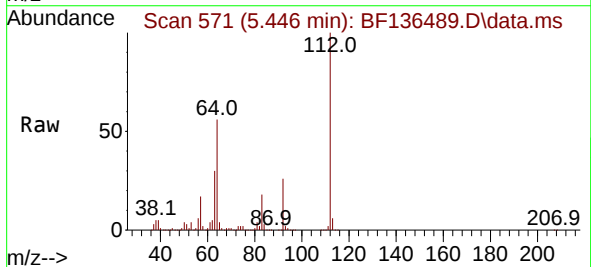
Instrument :
BNA_F
ClientSampleId :
PB157390BL

Tgt Ion:152 Resp: 109493
Ion Ratio Lower Upper
152 100
150 160.6 126.4 189.6
115 64.5 48.2 72.4



#5
2-Fluorophenol
Concen: 130.668 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF136489.D
Acq: 11 Dec 2023 14:27

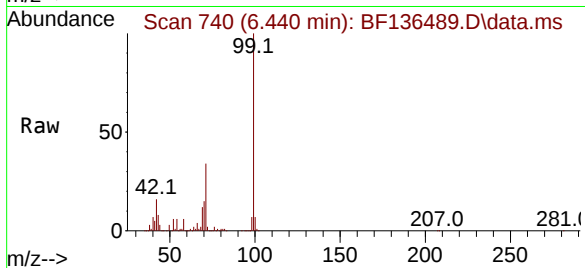
Tgt Ion:112 Resp: 968785
Ion Ratio Lower Upper
112 100
64 55.9 46.5 69.7
63 29.8 23.9 35.9





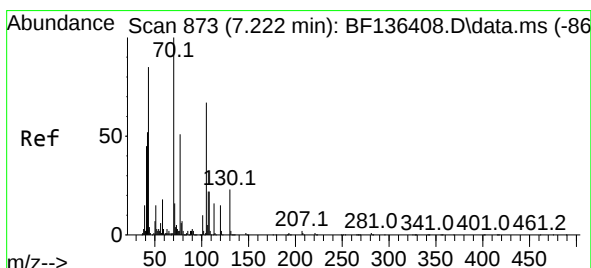
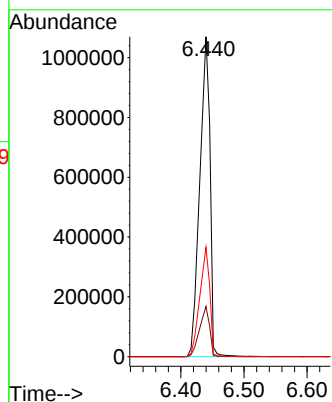
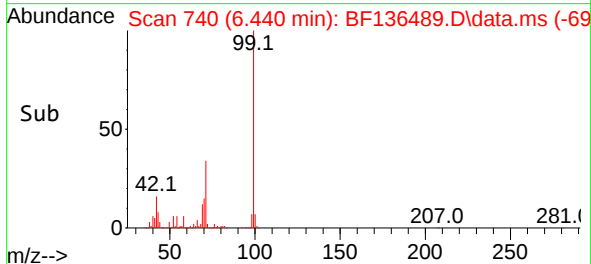
#7
Phenol-d6
Concen: 129.741 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136489.D
Acq: 11 Dec 2023 14:27

Instrument :
BNA_F
ClientSampleId :
PB157390BL



Tgt Ion: 99 Resp: 1200126

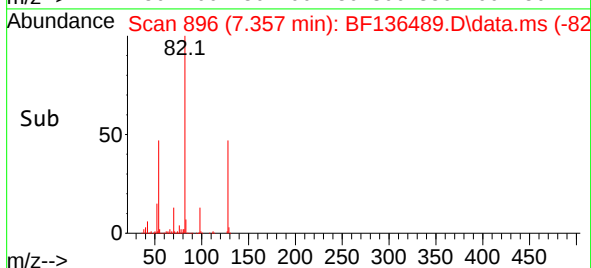
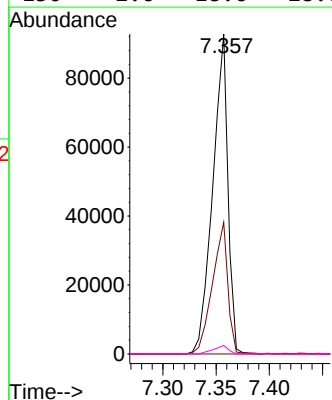
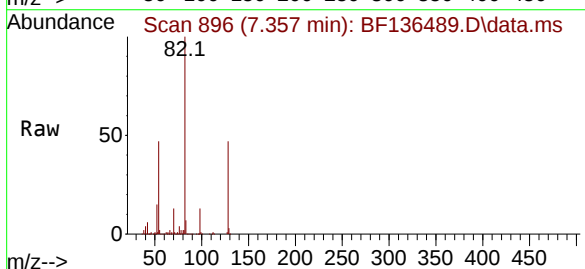
Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.8	19.2
71	34.2	27.0	40.4

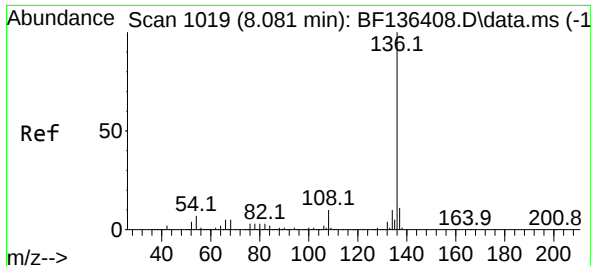


#19
n-Nitroso-di-n-propylamine
Concen: 17.243 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF136489.D
Acq: 11 Dec 2023 14:27

Tgt Ion: 70 Resp: 92007

Ion	Ratio	Lower	Upper
70	100		
42	41.1	41.4	62.0#
101	0.0	8.2	12.4#
130	2.6	18.6	28.0#

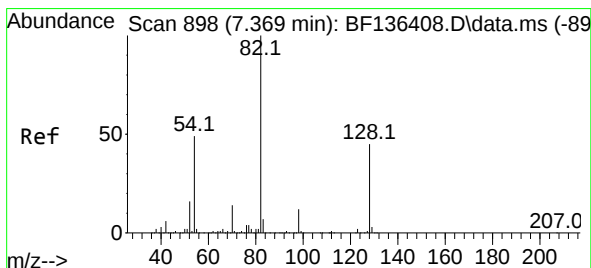
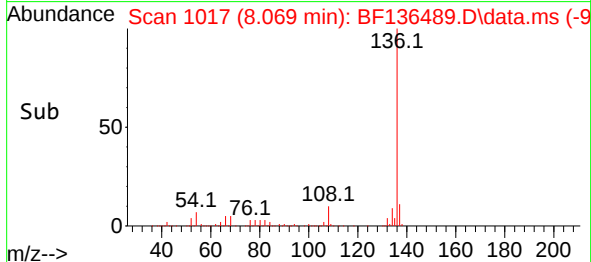
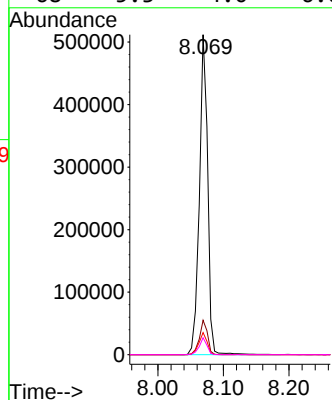
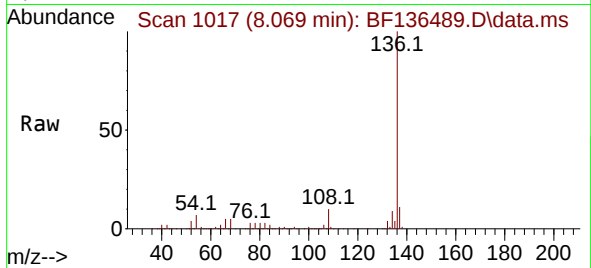




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF136489.D
Acq: 11 Dec 2023 14:27

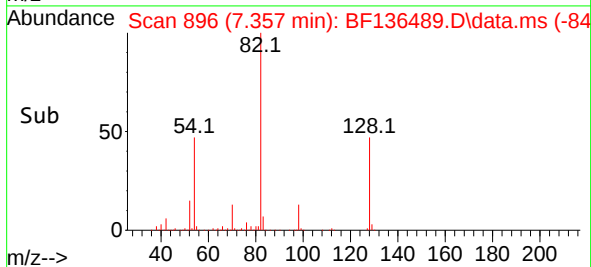
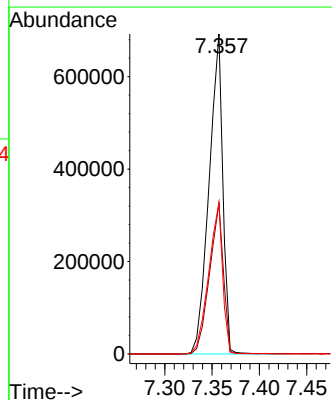
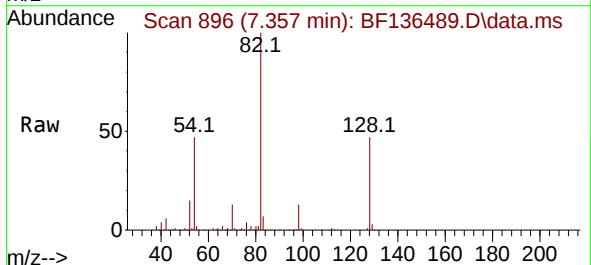
Instrument :
BNA_F
ClientSampleId :
PB157390BL

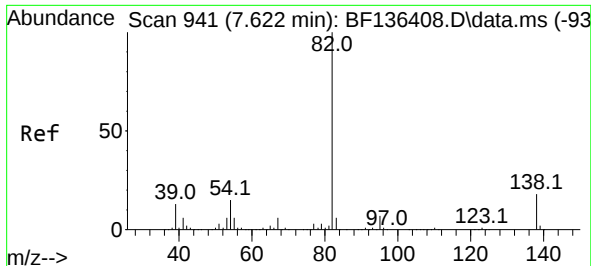
Tgt Ion:136 Resp: 451578
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 6.9 5.7 8.5
68 5.3 4.0 6.0



#23
Nitrobenzene-d5
Concen: 83.851 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF136489.D
Acq: 11 Dec 2023 14:27

Tgt Ion: 82 Resp: 700425
Ion Ratio Lower Upper
82 100
128 47.1 36.3 54.5
54 47.3 39.0 58.6

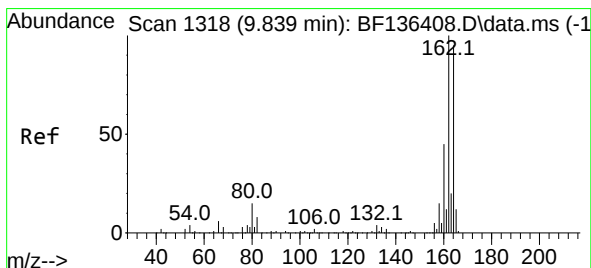
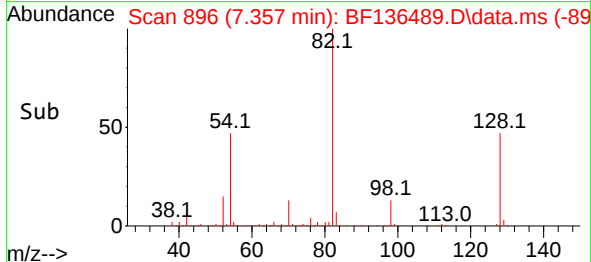
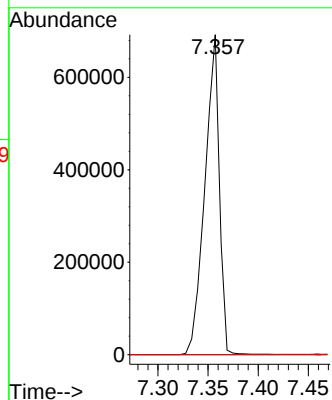
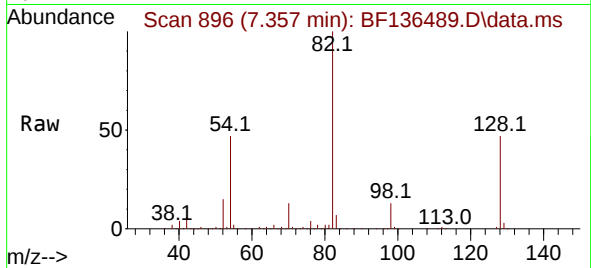




#25
Isophorone
Concen: 46.671 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF136489.D
Acq: 11 Dec 2023 14:27

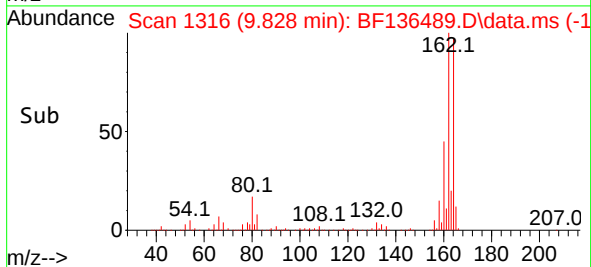
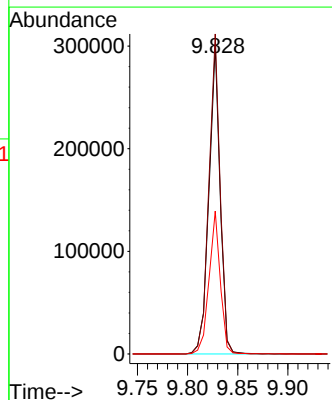
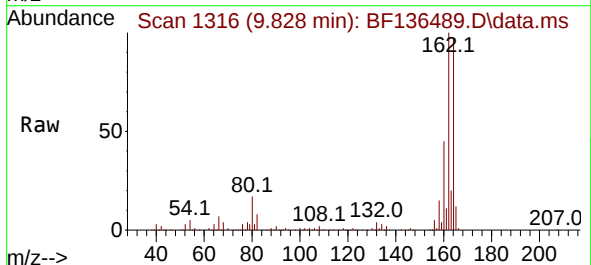
Instrument :
BNA_F
ClientSampleId :
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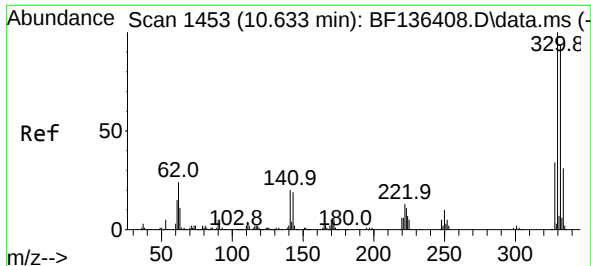
Tgt Ion: 82 Resp: 700412
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF136489.D
Acq: 11 Dec 2023 14:27

Tgt Ion:164 Resp: 235079
Ion Ratio Lower Upper
164 100
162 103.5 84.4 126.6
160 46.2 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 134.558 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136489.D

Acq: 11 Dec 2023 14:27

Instrument :

BNA_F

ClientSampleId :

PB157390BL

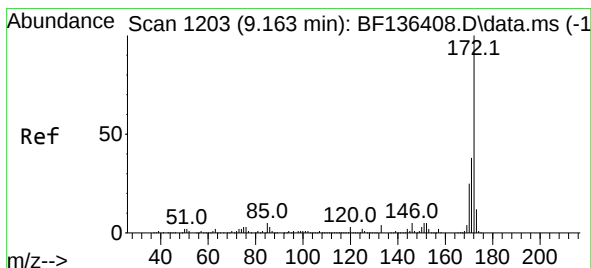
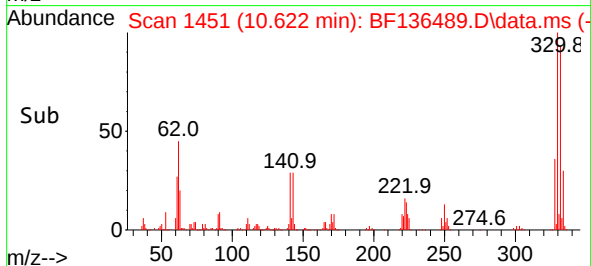
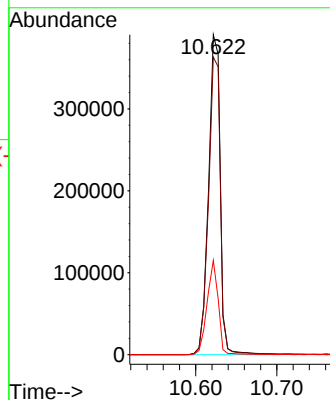
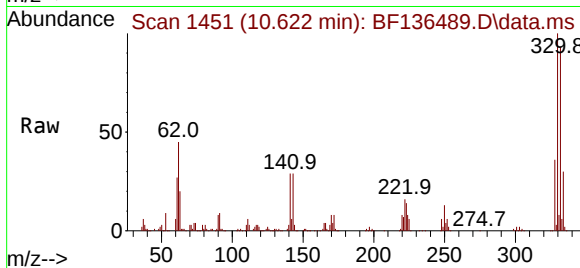
Tgt Ion:330 Resp: 390023

Ion Ratio Lower Upper

330 100

332 94.8 76.4 114.6

141 28.2 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 84.984 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136489.D

Acq: 11 Dec 2023 14:27

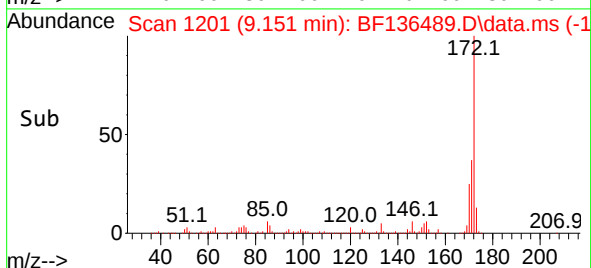
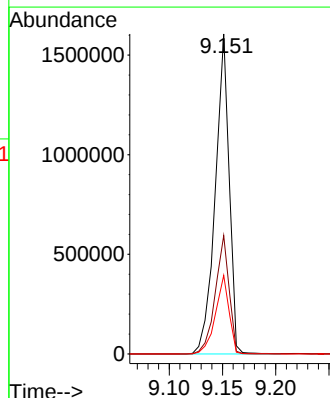
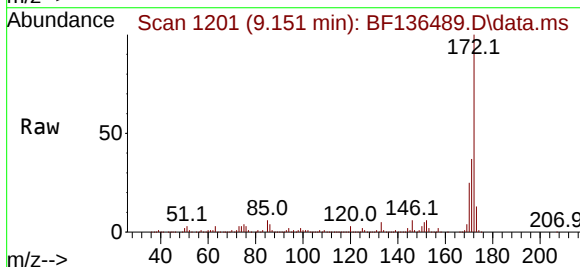
Tgt Ion:172 Resp: 1464124

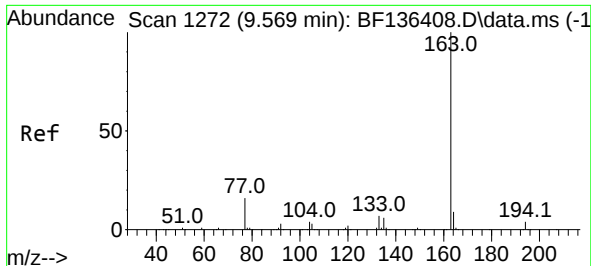
Ion Ratio Lower Upper

172 100

171 37.0 30.5 45.7

170 24.6 19.9 29.9

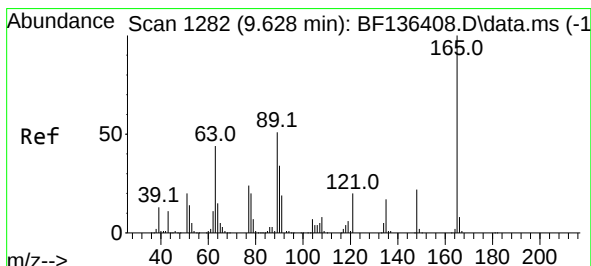
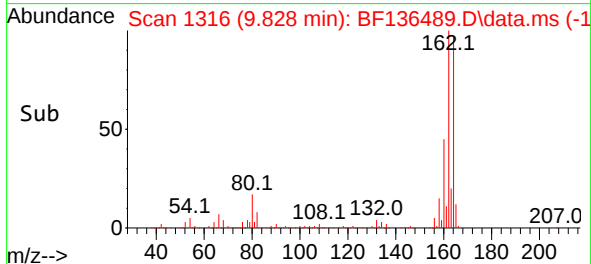
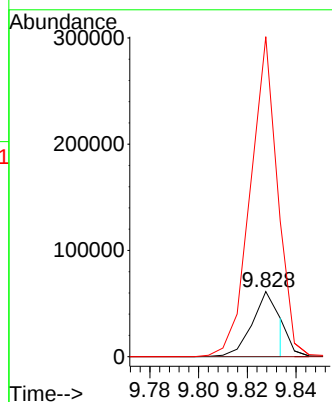
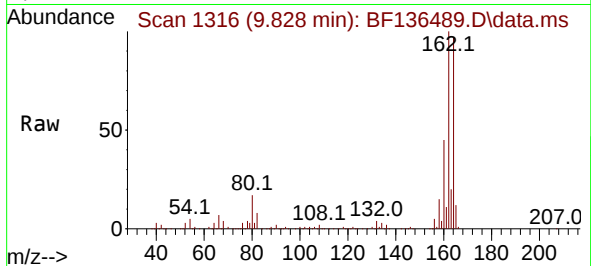




#50
Dimethylphthalate
Concen: 2.770 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.259 min
Lab File: BF136489.D
Acq: 11 Dec 2023 14:27

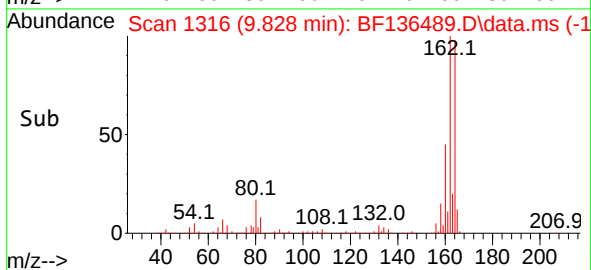
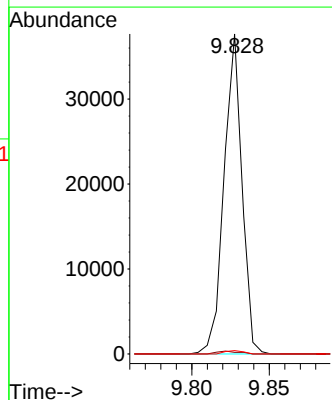
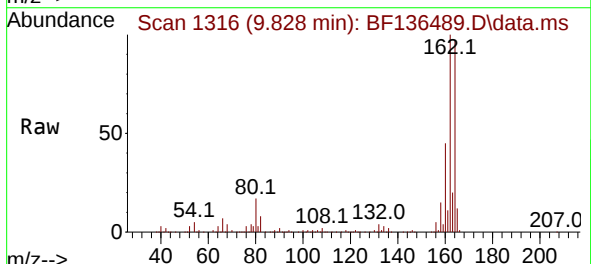
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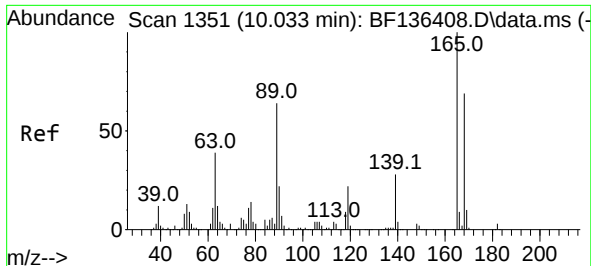
Tgt Ion:163 Resp: 47943
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 491.4 7.4 11.2#



#51
2,6-Dinitrotoluene
Concen: 7.786 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF136489.D
Acq: 11 Dec 2023 14:27

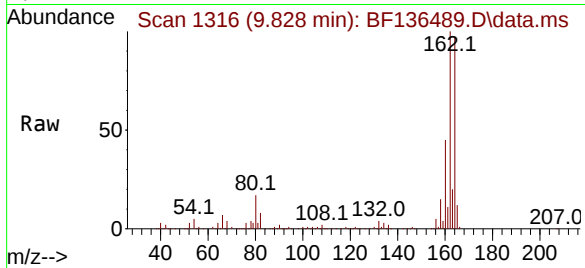
Tgt Ion:165 Resp: 30315
Ion Ratio Lower Upper
165 100
63 0.5 40.4 60.6#
89 1.1 40.6 60.8#



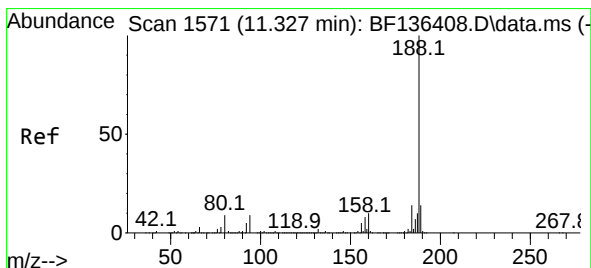
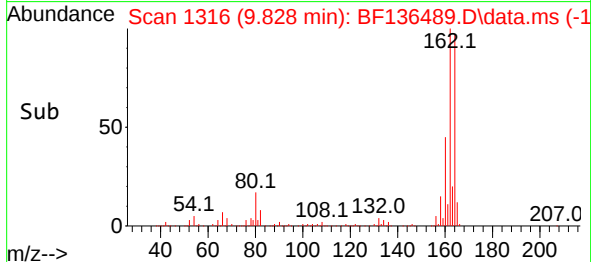
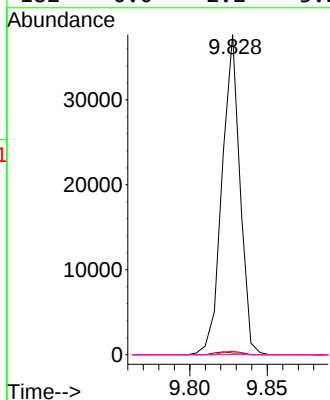


#57
2,4-Dinitrotoluene
Concen: 5.885 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136489.D
Acq: 11 Dec 2023 14:27

Instrument :
BNA_F
ClientSampleId :
PB157390BL

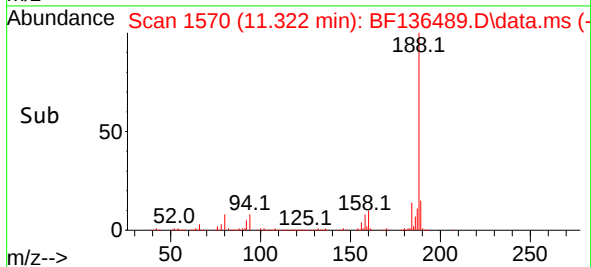
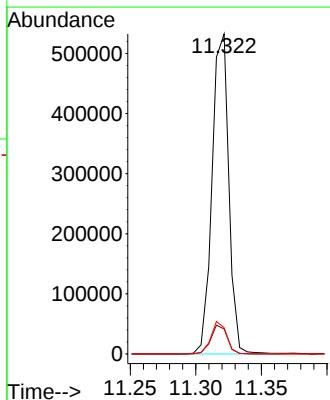
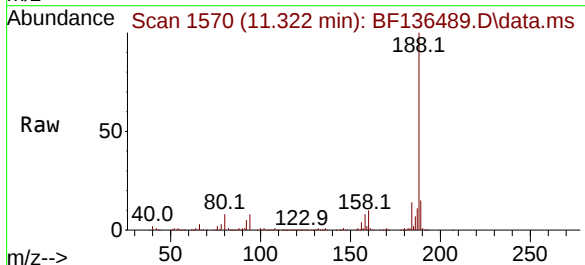


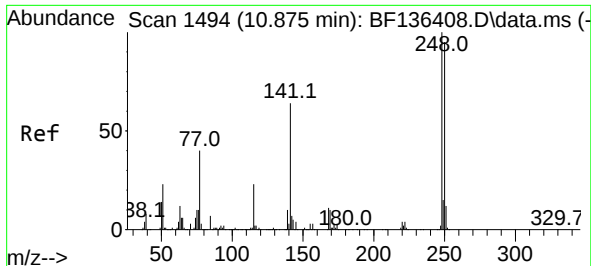
Tgt Ion:165 Resp: 30315
Ion Ratio Lower Upper
165 100
63 0.5 31.4 47.2#
89 1.1 51.7 77.5#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF136489.D
Acq: 11 Dec 2023 14:27

Tgt Ion:188 Resp: 472935
Ion Ratio Lower Upper
188 100
94 7.8 7.2 10.8
80 8.2 7.2 10.8

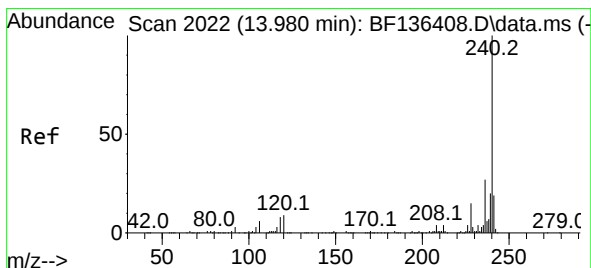
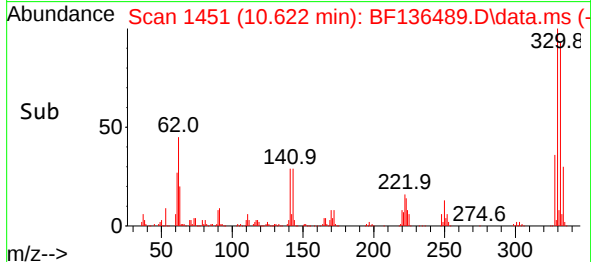
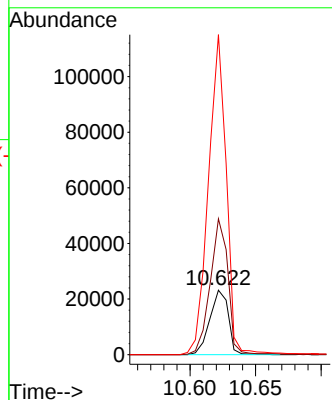
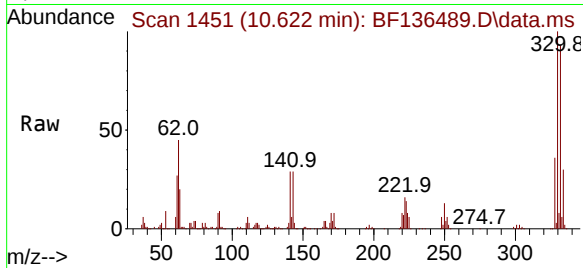




#67
4-Bromophenyl-phenylether
Concen: 4.156 ng
RT: 10.622 min Scan# 1494
Delta R.T. -0.253 min
Lab File: BF136489.D
Acq: 11 Dec 2023 14:27

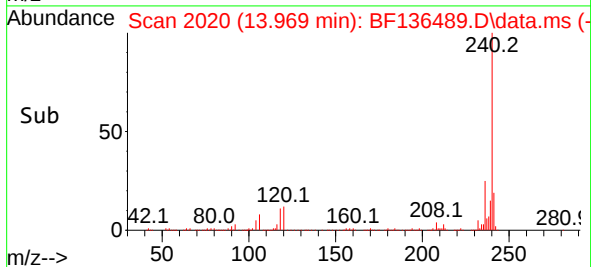
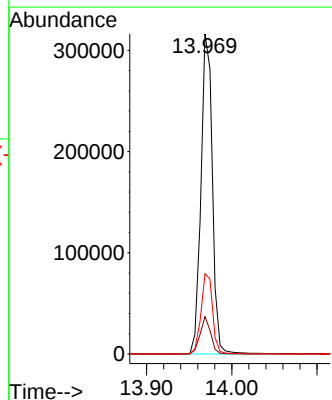
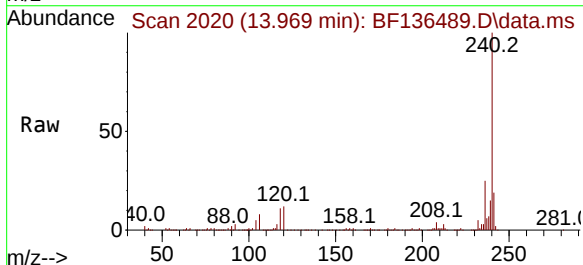
Instrument :
BNA_F
ClientSampleId :
PB157390BL

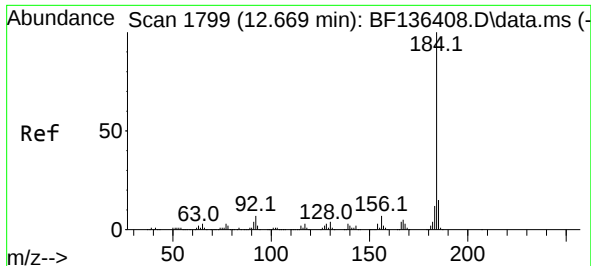
Tgt Ion:248 Resp: 22855
Ion Ratio Lower Upper
248 100
250 210.3 76.2 114.2#
141 495.7 51.0 76.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF136489.D
Acq: 11 Dec 2023 14:27

Tgt Ion:240 Resp: 294323
Ion Ratio Lower Upper
240 100
120 11.7 7.3 10.9#
236 25.1 21.3 31.9

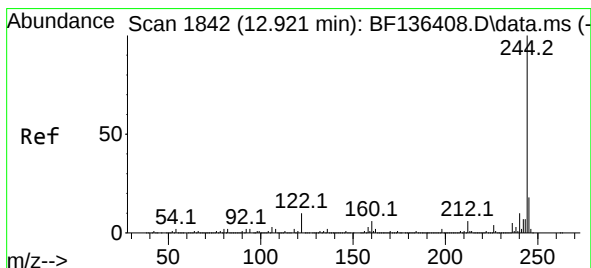
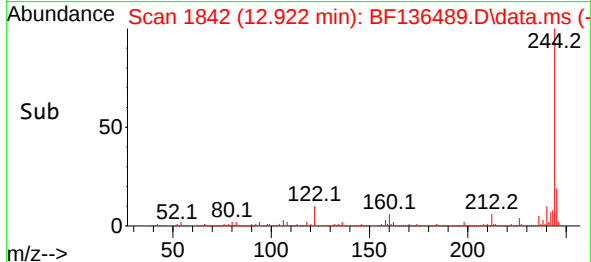
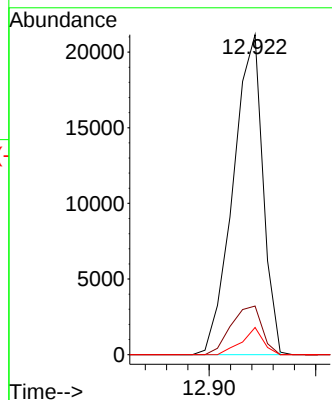
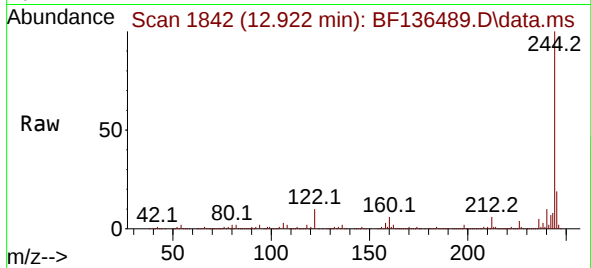




#77
Benzidine
Concen: 3.730 ng
RT: 12.922 min Scan# 1842
Delta R.T. 0.253 min
Lab File: BF136489.D
Acq: 11 Dec 2023 14:27

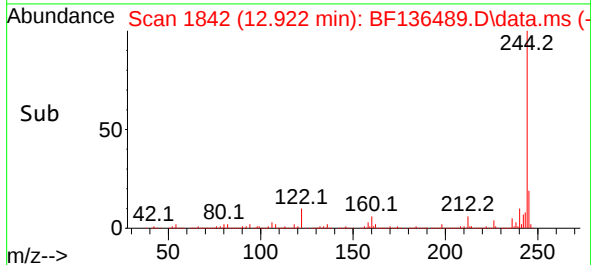
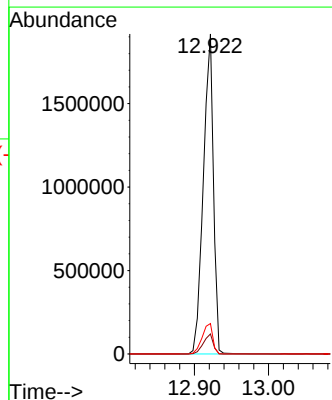
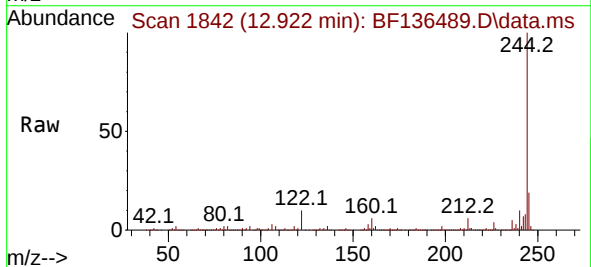
Instrument :
BNA_F
ClientSampleId :
PB157390BL

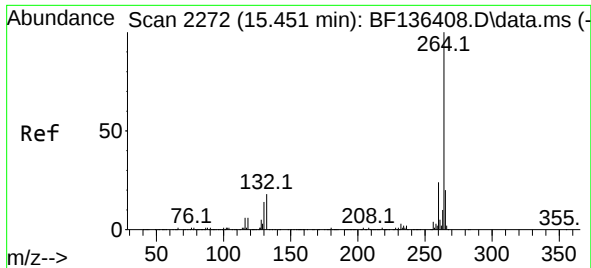
Tgt Ion:184 Resp: 20550
Ion Ratio Lower Upper
184 100
185 15.2 12.0 18.0
183 8.5 9.4 14.0#



#79
Terphenyl-d14
Concen: 81.258 ng
RT: 12.922 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BF136489.D
Acq: 11 Dec 2023 14:27

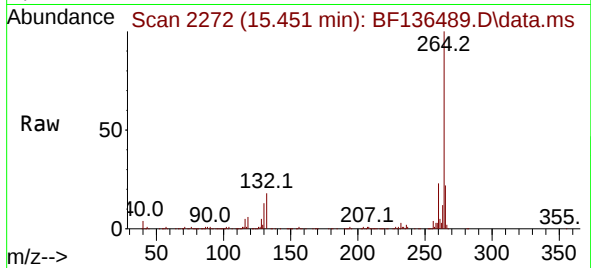
Tgt Ion:244 Resp: 1814521
Ion Ratio Lower Upper
244 100
212 6.3 5.0 7.4
122 9.5 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136489.D
Acq: 11 Dec 2023 14:27

Instrument :
BNA_F
ClientSampleId :
PB157390BL



Tgt Ion:264 Resp: 225842
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 22.2 15.9 23.9

