

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
 Data File : BF136614.D
 Acq On : 18 Dec 2023 15:00
 Operator : CG\JU
 Sample : 05551-05RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP11272023RE

Quant Time: Dec 18 15:35:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

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

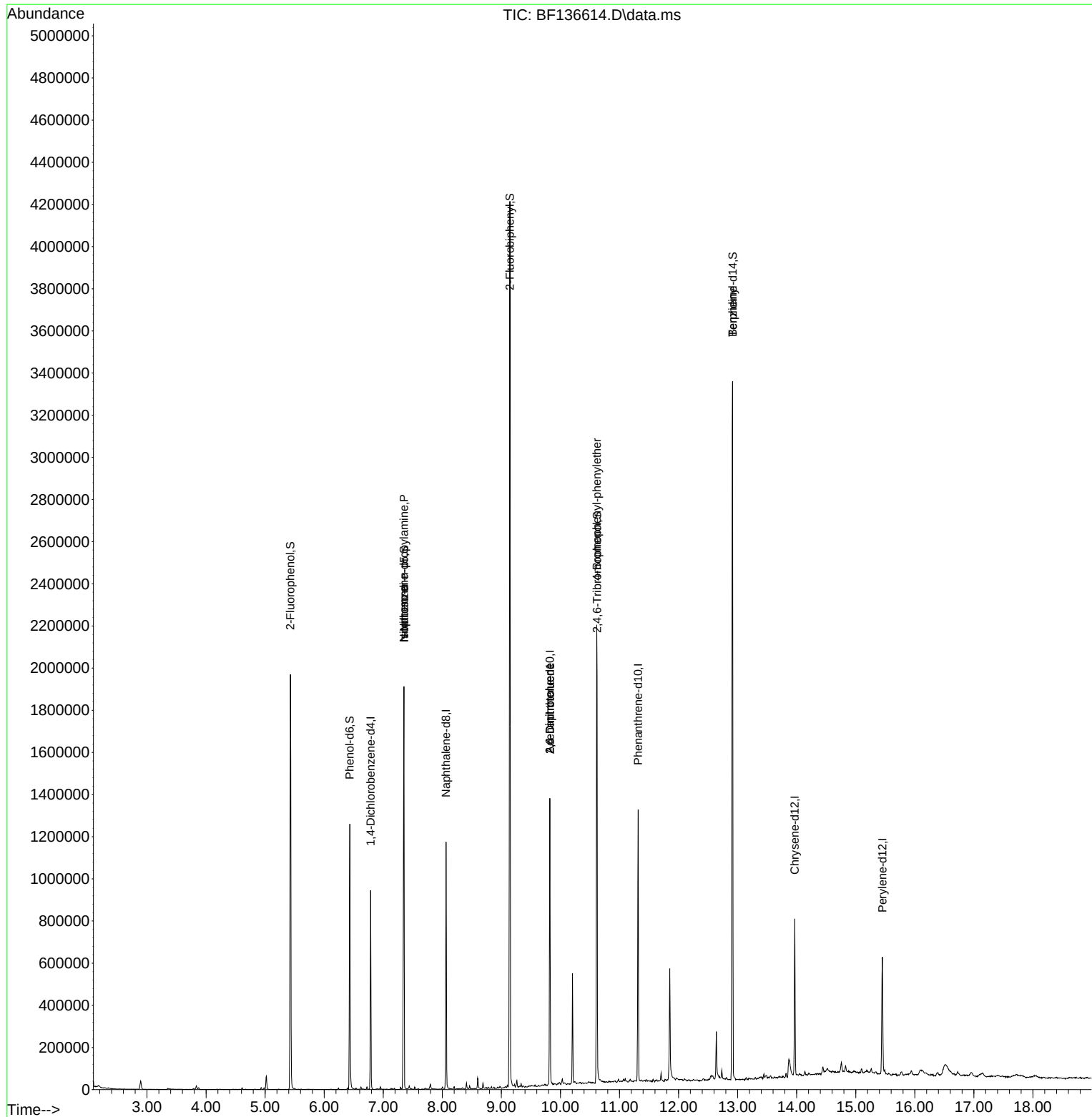
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	129371	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	506774	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	258181	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	455318	20.000	ng	0.00
76) Chrysene-d12	13.968	240	238219	20.000	ng	0.00
86) Perylene-d12	15.451	264	270571	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	503121	57.433	ng	0.00
7) Phenol-d6	6.434	99	427949	39.155	ng	0.00
23) Nitrobenzene-d5	7.351	82	643843	68.682	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	318572	100.073	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1287255	68.032	ng	0.00
79) Terphenyl-d14	12.916	244	1306123	72.267	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.340	77	119	Below Cal	#	83
19) n-Nitroso-di-n-propyla...	7.351	70	83265	13.207	ng	# 74
25) Isophorone	7.351	82	643837	38.229	ng	# 65
51) 2,6-Dinitrotoluene	9.822	165	33598	7.857	ng	# 29
57) 2,4-Dinitrotoluene	9.822	165	33598	5.939	ng	# 28
67) 4-Bromophenyl-phenylether	10.616	248	19997	3.777	ng	# 1
77) Benizidine	12.916	184	15206	2.976	ng	# 91

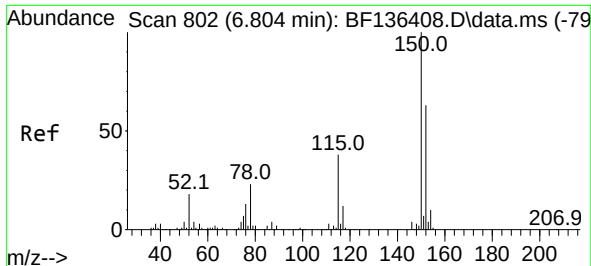
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
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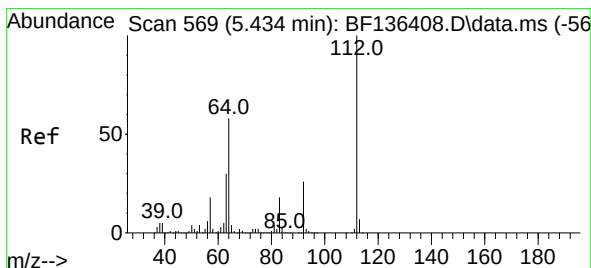
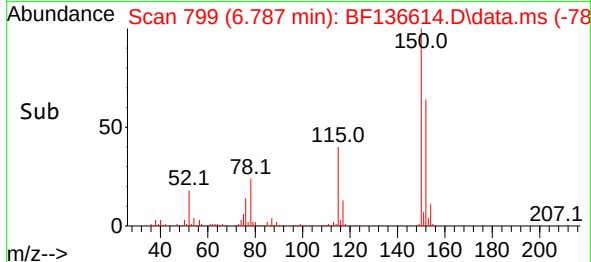
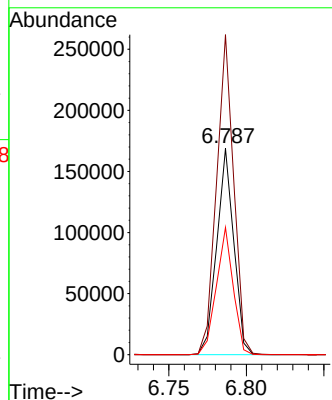
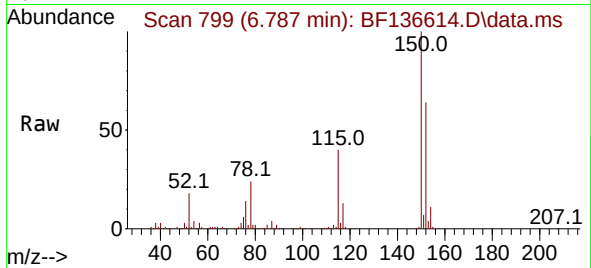




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF136614.D
 Acq: 18 Dec 2023 15:00

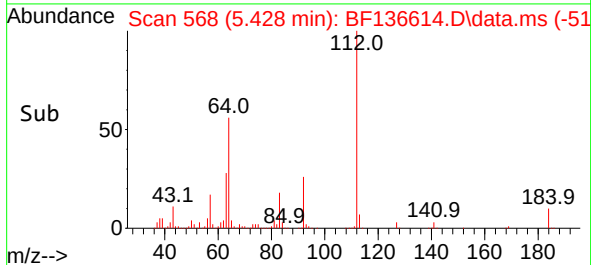
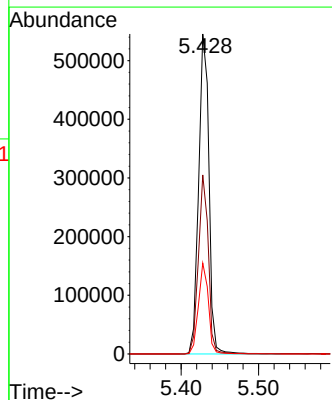
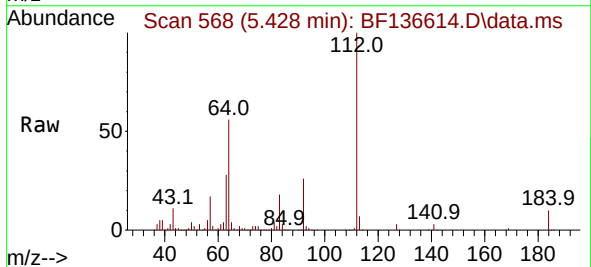
Instrument :
 BNA_F
 ClientSampleId :
 DUP11272023RE

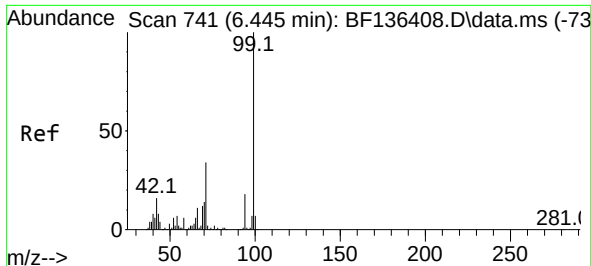
Tgt Ion:152 Resp: 129371
 Ion Ratio Lower Upper
 152 100
 150 155.2 126.4 189.6
 115 61.7 48.2 72.4



#5
 2-Fluorophenol
 Concen: 57.433 ng
 RT: 5.428 min Scan# 568
 Delta R.T. 0.006 min
 Lab File: BF136614.D
 Acq: 18 Dec 2023 15:00

Tgt Ion:112 Resp: 503121
 Ion Ratio Lower Upper
 112 100
 64 55.9 46.5 69.7
 63 28.4 23.9 35.9

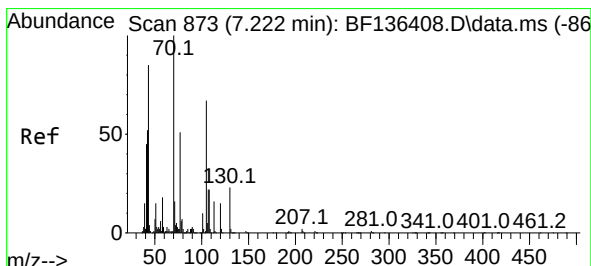
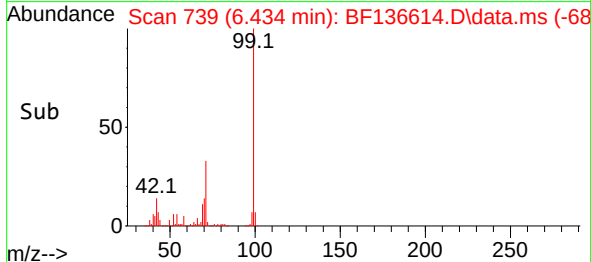
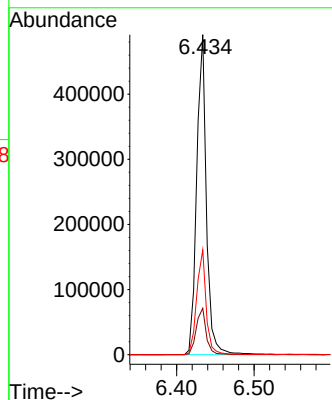
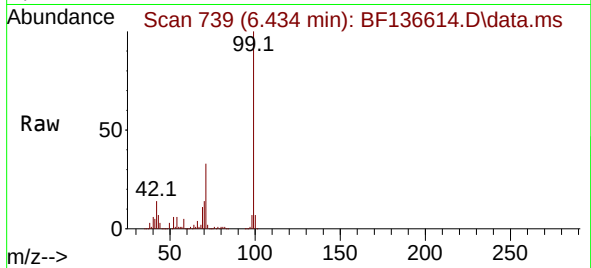




#7
Phenol-d6
Concen: 39.155 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF136614.D
Acq: 18 Dec 2023 15:00

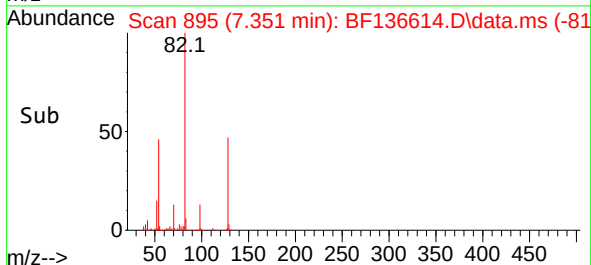
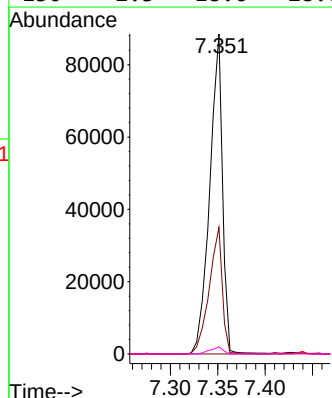
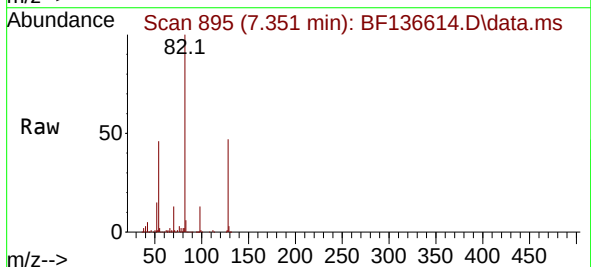
Instrument :
BNA_F
ClientSampleId :
DUP11272023RE

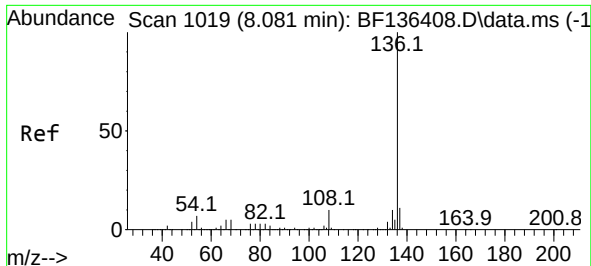
Tgt Ion: 99 Resp: 427949
Ion Ratio Lower Upper
99 100
42 14.5 12.8 19.2
71 32.7 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.207 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.147 min
Lab File: BF136614.D
Acq: 18 Dec 2023 15:00

Tgt Ion: 70 Resp: 83265
Ion Ratio Lower Upper
70 100
42 39.5 41.4 62.0#
101 0.0 8.2 12.4#
130 2.3 18.6 28.0#

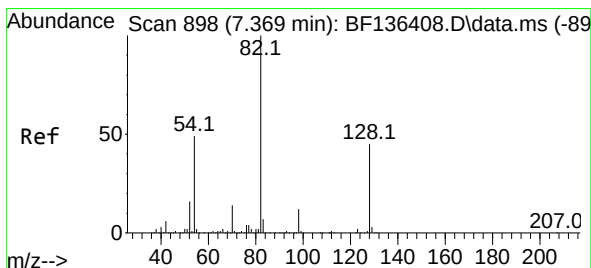
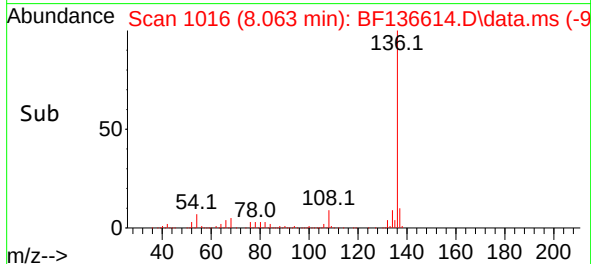
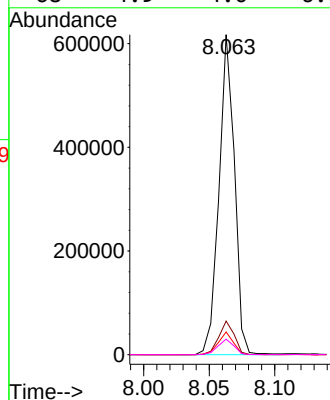
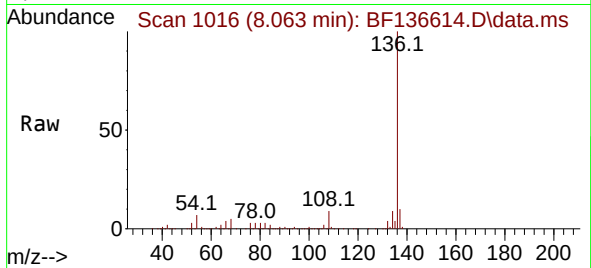




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136614.D
Acq: 18 Dec 2023 15:00

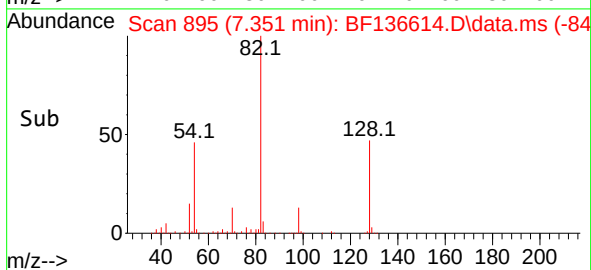
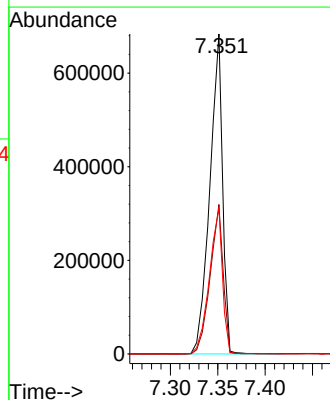
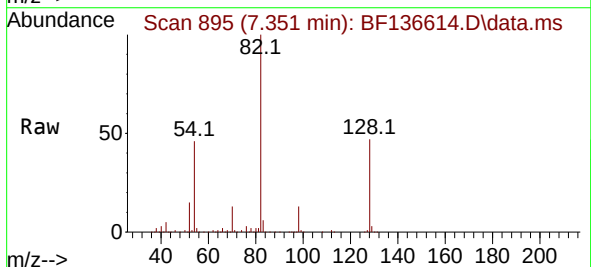
Instrument :
BNA_F
ClientSampleId :
DUP11272023RE

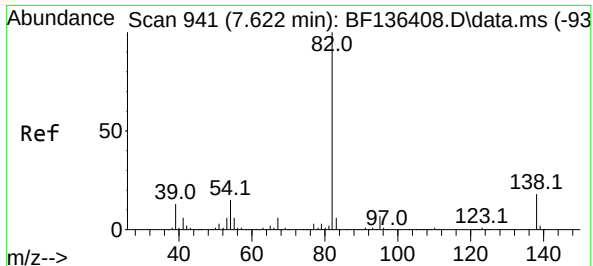
Tgt Ion:136 Resp: 506774
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 7.1 5.7 8.5
68 4.9 4.0 6.0



#23
Nitrobenzene-d5
Concen: 68.682 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF136614.D
Acq: 18 Dec 2023 15:00

Tgt Ion: 82 Resp: 643843
Ion Ratio Lower Upper
82 100
128 46.7 36.3 54.5
54 45.5 39.0 58.6

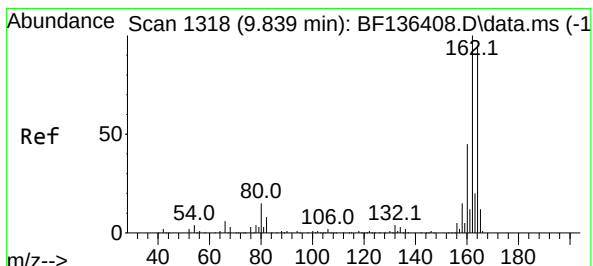
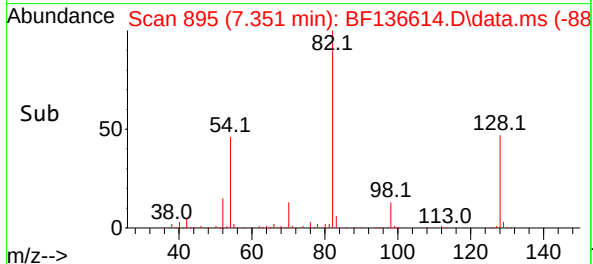
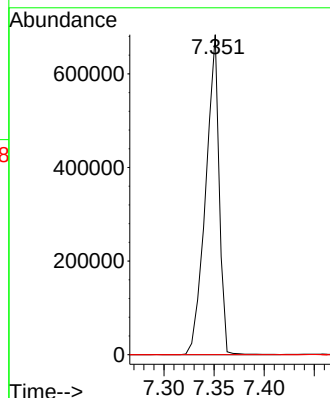
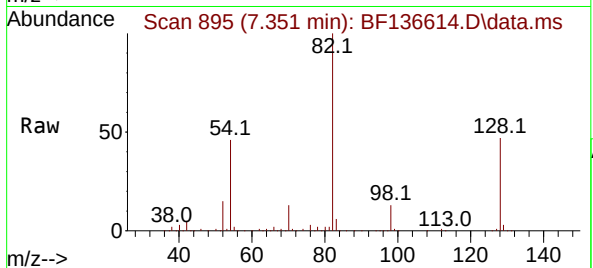




#25
Isophorone
Concen: 38.229 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.259 min
Lab File: BF136614.D
Acq: 18 Dec 2023 15:00

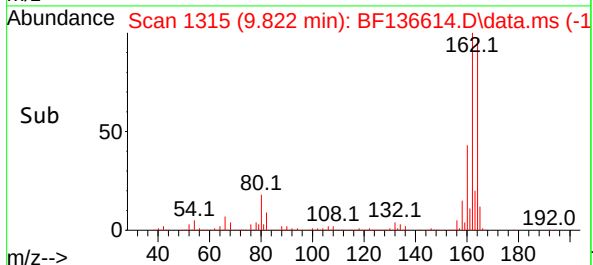
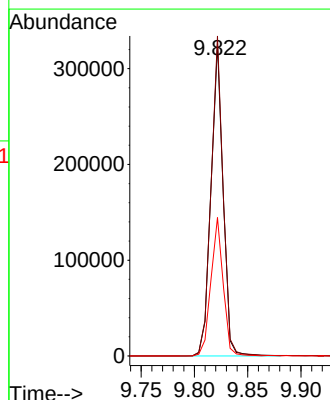
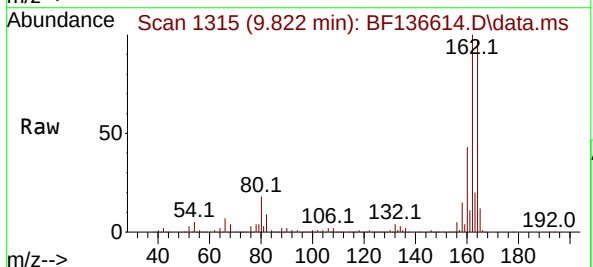
Instrument :
BNA_F
ClientSampleId :
DUP11272023RE

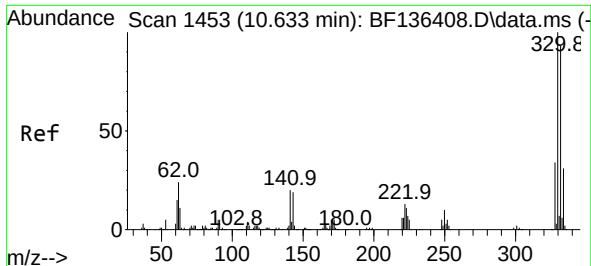
Tgt Ion: 82 Resp: 643837
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF136614.D
Acq: 18 Dec 2023 15:00

Tgt Ion:164 Resp: 258181
Ion Ratio Lower Upper
164 100
162 102.6 84.4 126.6
160 44.4 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 100.073 ng

RT: 10.622 min Scan# 1453

Delta R.T. -0.000 min

Lab File: BF136614.D

Acq: 18 Dec 2023 15:00

Instrument :

BNA_F

ClientSampleId :

DUP11272023RE

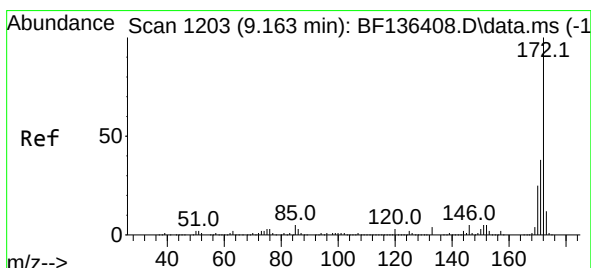
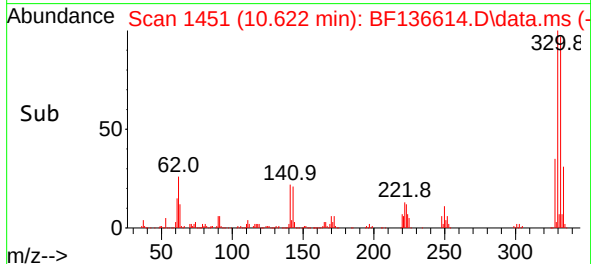
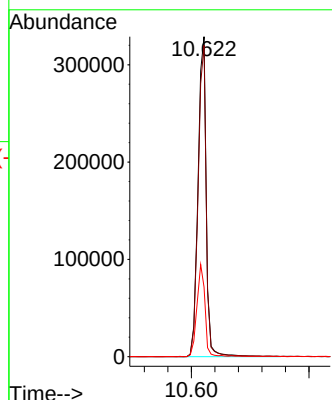
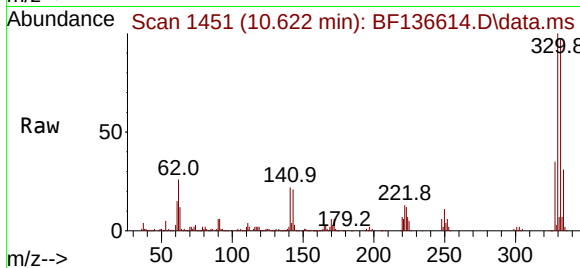
Tgt Ion:330 Resp: 318572

Ion Ratio Lower Upper

330 100

332 95.8 76.4 114.6

141 28.4 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 68.032 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.000 min

Lab File: BF136614.D

Acq: 18 Dec 2023 15:00

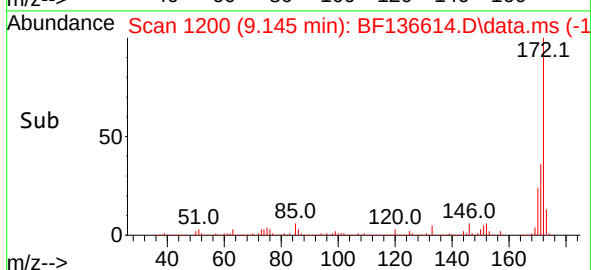
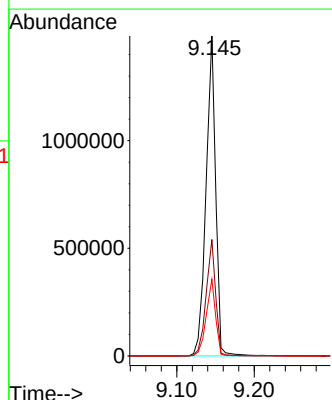
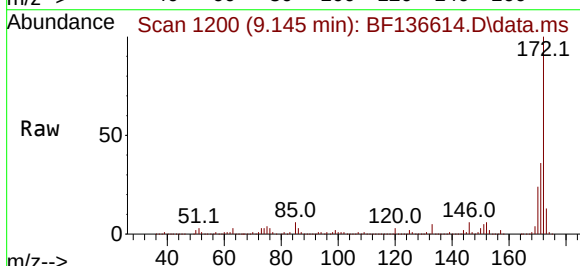
Tgt Ion:172 Resp: 1287255

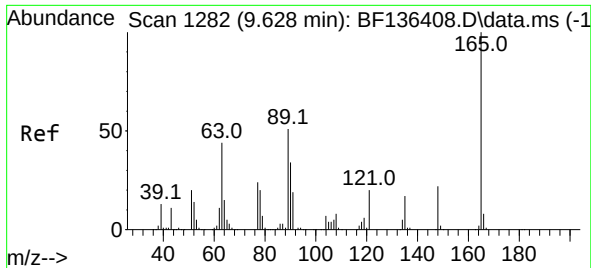
Ion Ratio Lower Upper

172 100

171 36.4 30.5 45.7

170 24.0 19.9 29.9





#51

2,6-Dinitrotoluene

Concen: 7.857 ng

RT: 9.822 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF136614.D

Acq: 18 Dec 2023 15:00

Instrument :

BNA_F

ClientSampleId :

DUP11272023RE

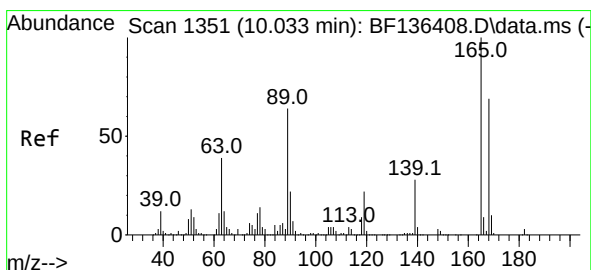
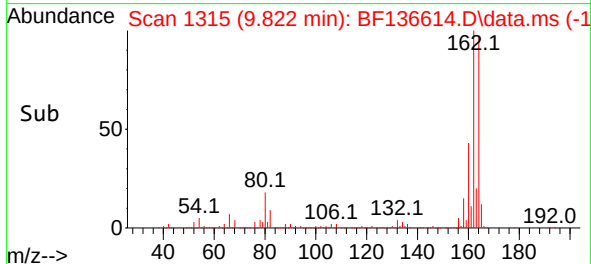
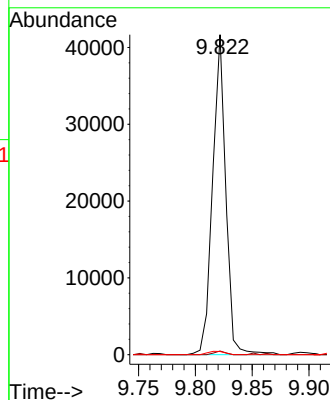
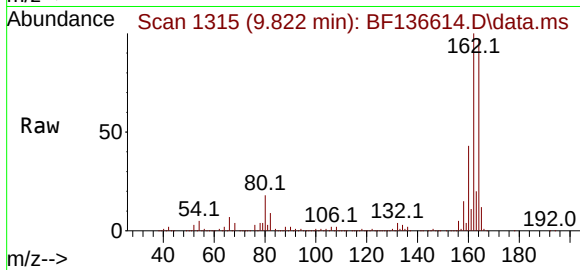
Tgt Ion:165 Resp: 33598

Ion Ratio Lower Upper

165 100

63 1.2 40.4 60.6#

89 1.0 40.6 60.8#



#57

2,4-Dinitrotoluene

Concen: 5.939 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.200 min

Lab File: BF136614.D

Acq: 18 Dec 2023 15:00

Tgt Ion:165 Resp: 33598

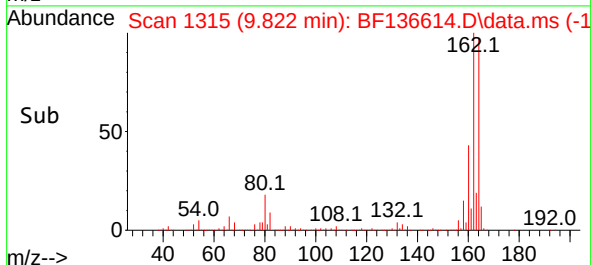
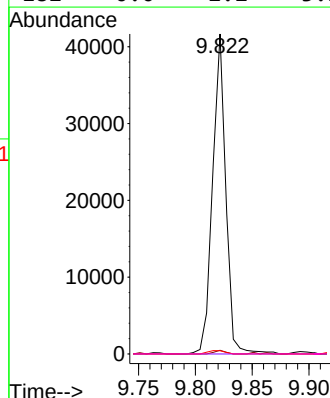
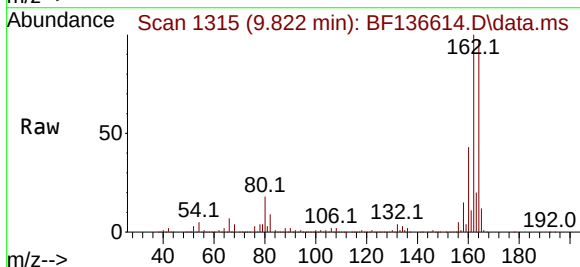
Ion Ratio Lower Upper

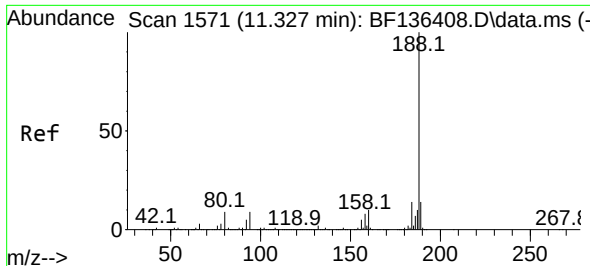
165 100

63 1.2 31.4 47.2#

89 1.0 51.7 77.5#

182 0.0 2.2 3.2#

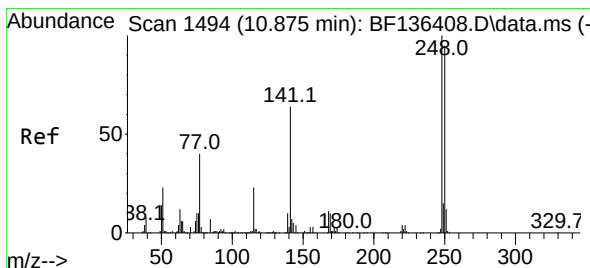
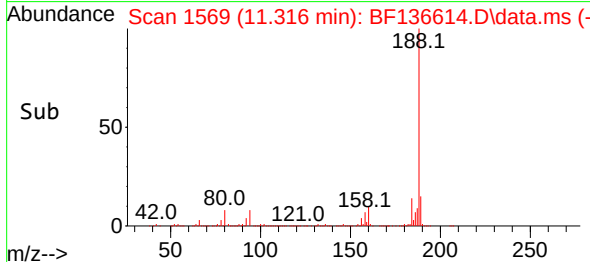
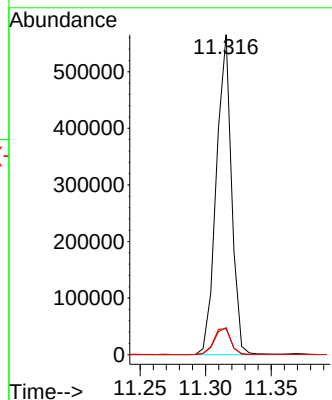
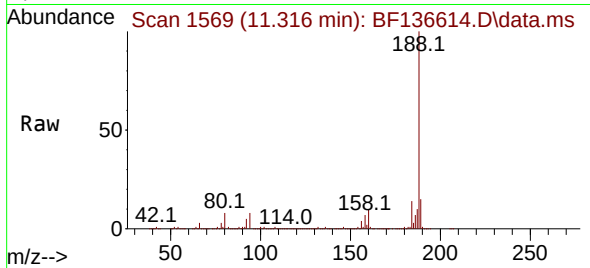




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136614.D
Acq: 18 Dec 2023 15:00

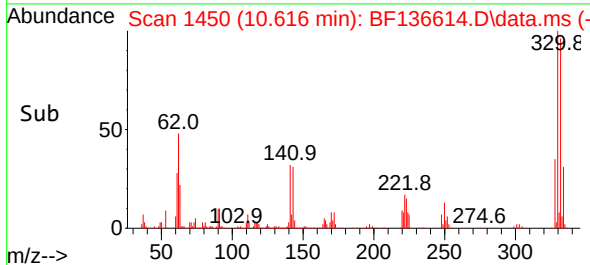
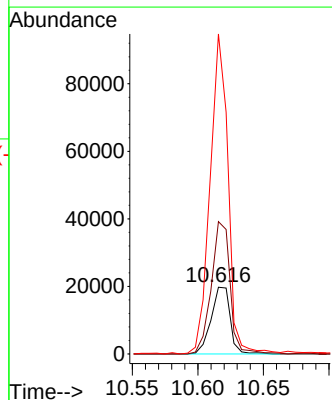
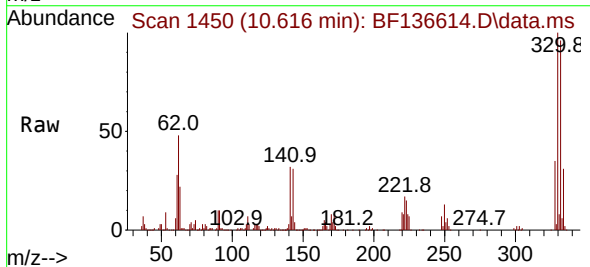
Instrument :
BNA_F
ClientSampleId :
DUP11272023RE

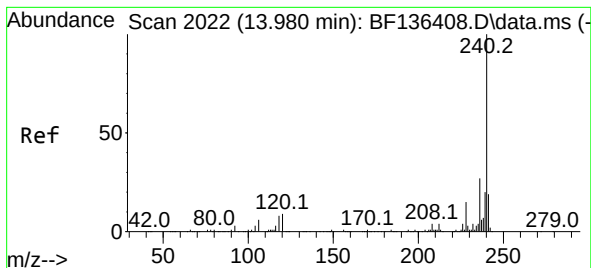
Tgt Ion:188 Resp: 455318
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 8.1 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 3.777 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF136614.D
Acq: 18 Dec 2023 15:00

Tgt Ion:248 Resp: 19997
Ion Ratio Lower Upper
248 100
250 198.3 76.2 114.2#
141 479.7 51.0 76.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF136614.D

Acq: 18 Dec 2023 15:00

Instrument :

BNA_F

ClientSampleId :

DUP11272023RE

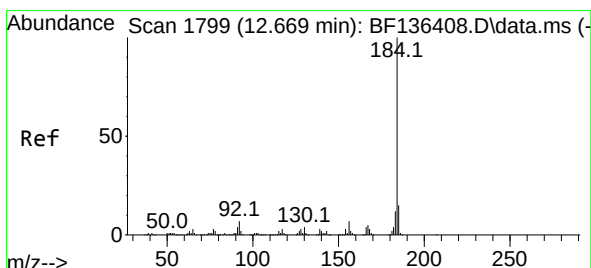
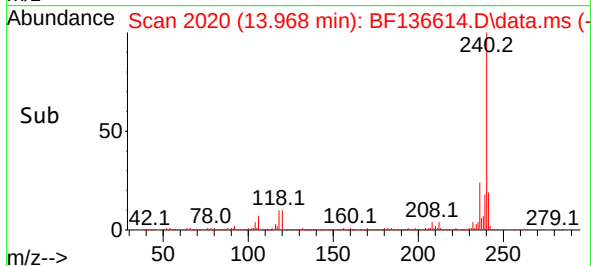
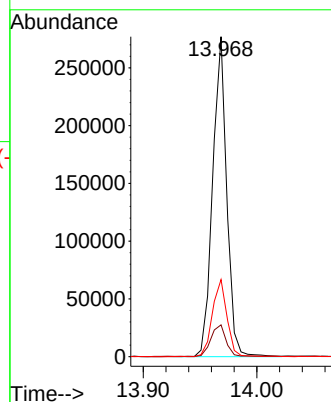
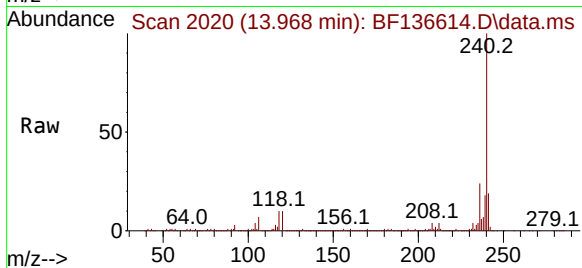
Tgt Ion:240 Resp: 238219

Ion Ratio Lower Upper

240 100

120 9.9 7.3 10.9

236 24.1 21.3 31.9



#77

Benzidine

Concen: 2.976 ng

RT: 12.916 min Scan# 1841

Delta R.T. 0.259 min

Lab File: BF136614.D

Acq: 18 Dec 2023 15:00

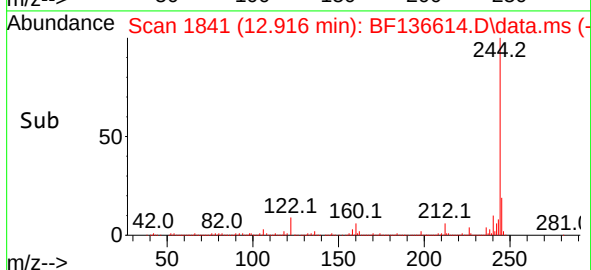
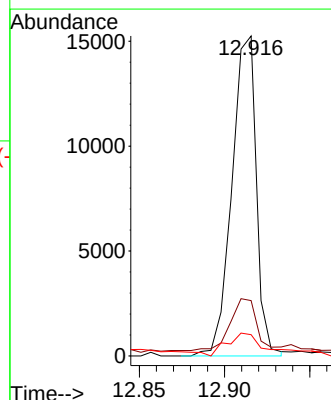
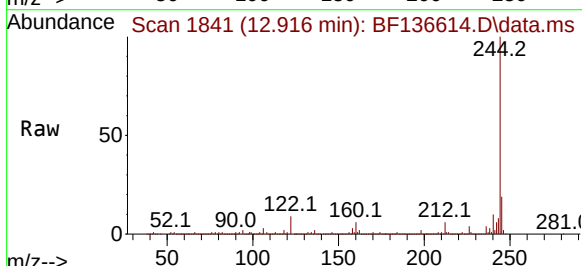
Tgt Ion:184 Resp: 15206

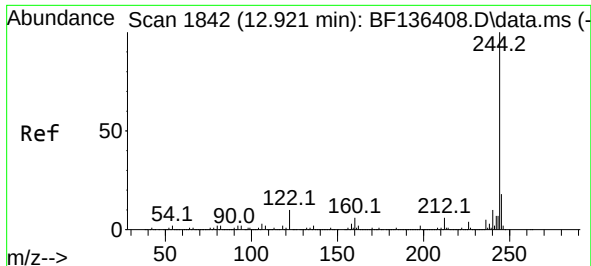
Ion Ratio Lower Upper

184 100

185 17.3 12.0 18.0

183 6.7 9.4 14.0#

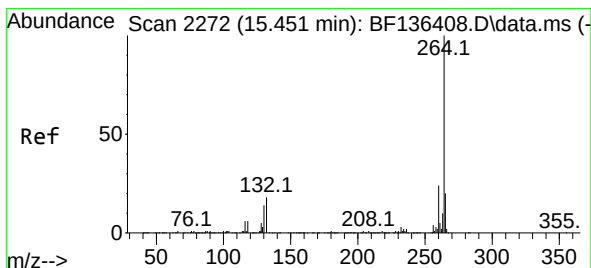
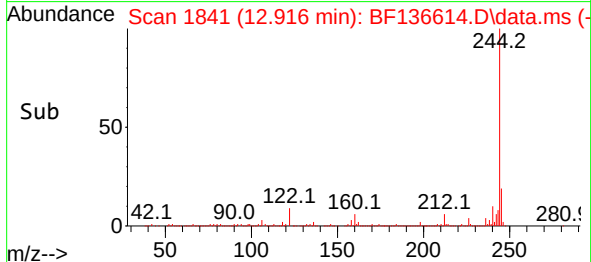
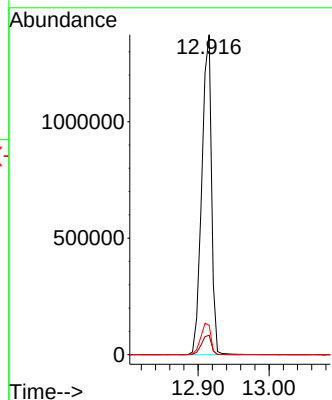
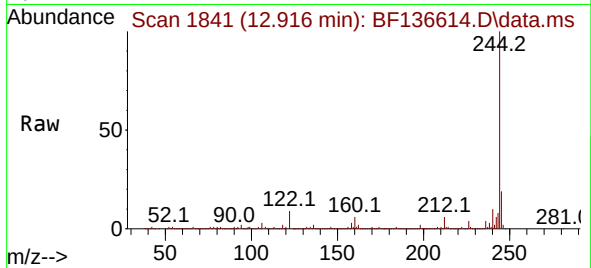




#79
 Terphenyl-d14
 Concen: 72.267 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. 0.006 min
 Lab File: BF136614.D
 Acq: 18 Dec 2023 15:00

Instrument :
 BNA_F
 ClientSampleId :
 DUP11272023RE

Tgt Ion:244 Resp: 1306123
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.0 7.4
 122 9.2 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. 0.012 min
 Lab File: BF136614.D
 Acq: 18 Dec 2023 15:00

Tgt Ion:264 Resp: 270571
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 20.9 15.9 23.9

