

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
 Data File : BF136546.D
 Acq On : 13 Dec 2023 19:45
 Operator : CG\JU
 Sample : 05551-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP11272023

Quant Time: Dec 14 01:44:32 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)

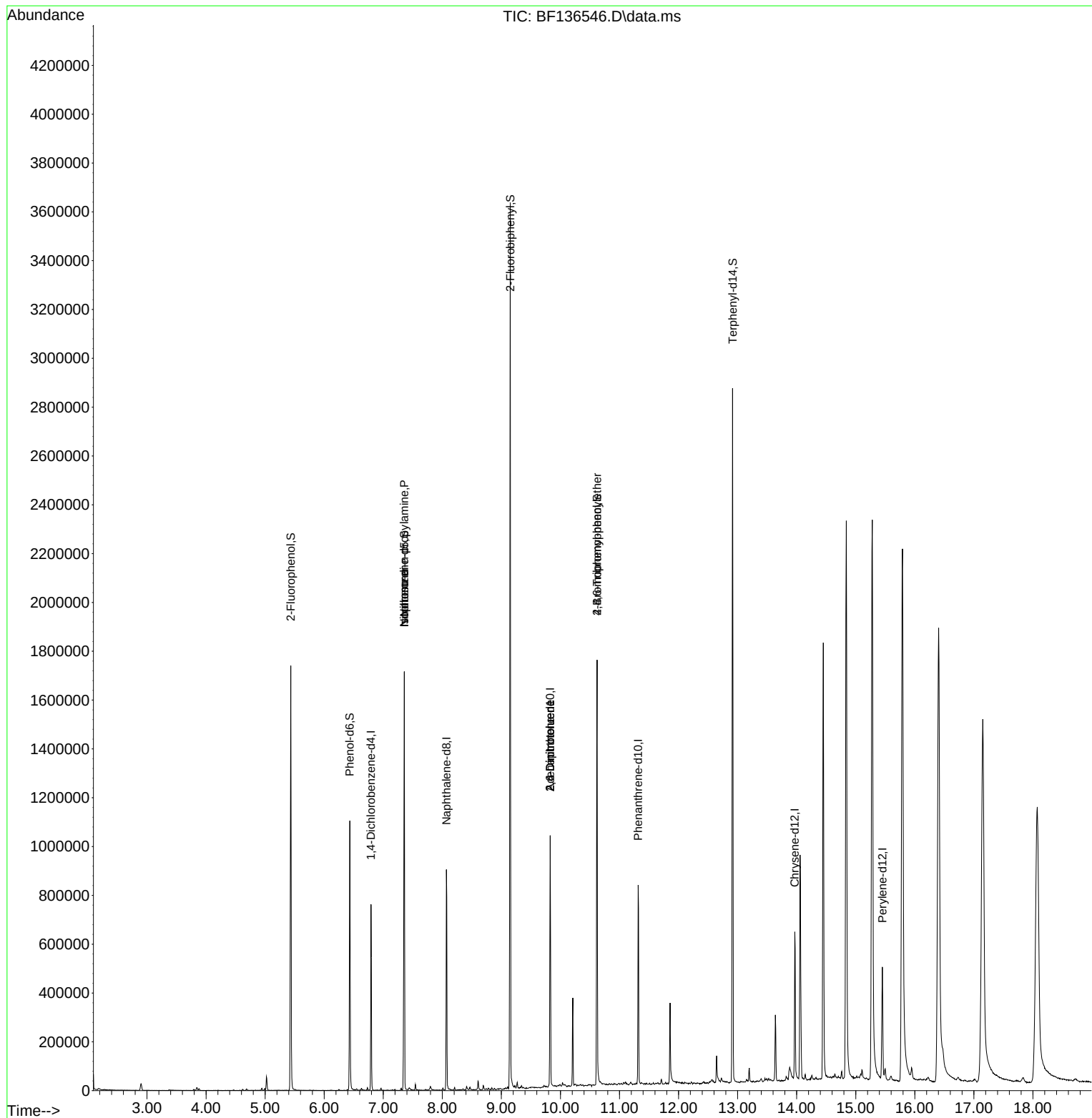
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	107643	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	407531	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	195752	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	310059	20.000	ng	-0.01
76) Chrysene-d12	13.968	240	216265	20.000	ng	#-0.01
86) Perylene-d12	15.451	264	219474	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	420852	57.740	ng	0.00
7) Phenol-d6	6.434	99	361505	39.752	ng	-0.01
23) Nitrobenzene-d5	7.357	82	528308	70.082	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	226962	94.033	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1056886	73.671	ng	-0.01
79) Terphenyl-d14	12.916	244	975552	59.456	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.345	77	177	Below Cal	#	41
19) n-Nitroso-di-n-propyla...	7.357	70	67883	12.940	ng	# 77
25) Isophorone	7.357	82	528308	39.008	ng	# 65
51) 2,6-Dinitrotoluene	9.828	165	25742	7.939	ng	# 29
57) 2,4-Dinitrotoluene	9.828	165	25742	6.002	ng	# 28
67) 4-Bromophenyl-phenylether	10.622	248	13846	3.841	ng	# 1

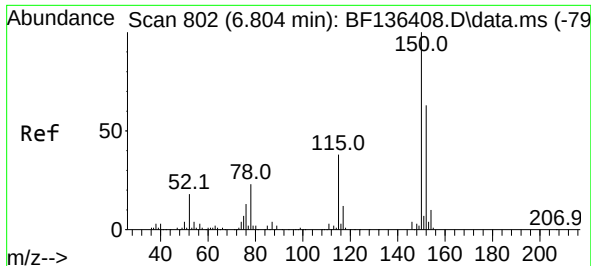
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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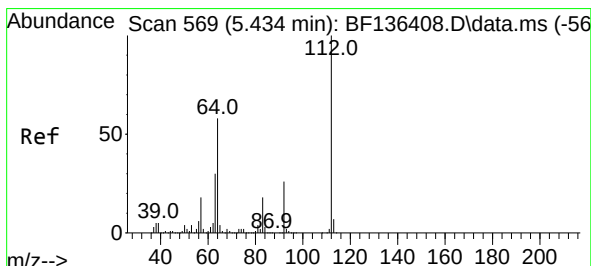
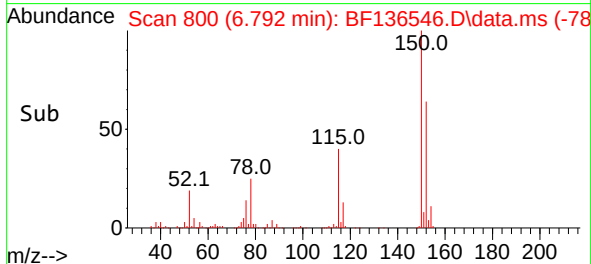
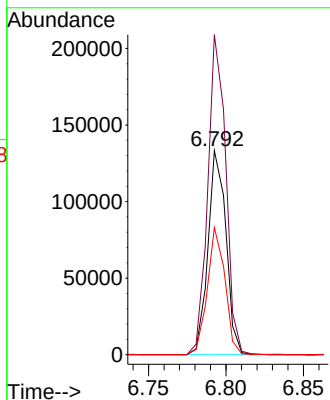
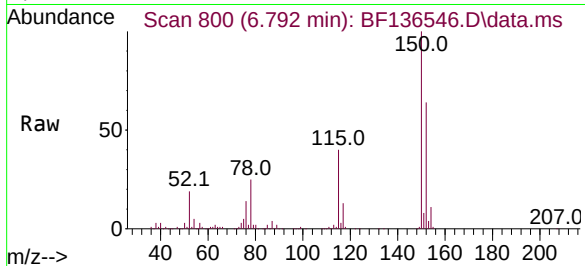




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 802
 Delta R.T. -0.012 min
 Lab File: BF136546.D
 Acq: 13 Dec 2023 19:45

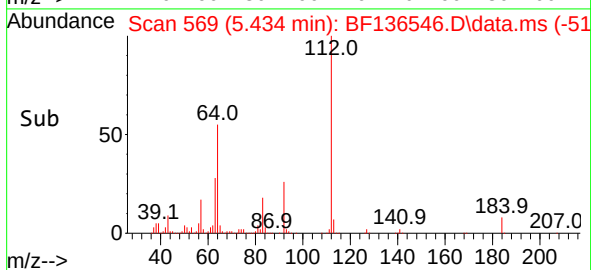
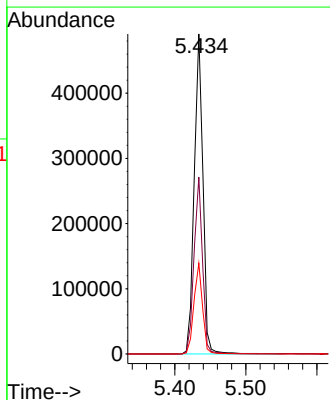
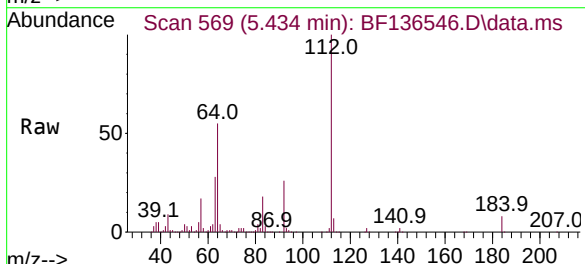
Instrument :
 BNA_F
 ClientSampleId :
 DUP11272023

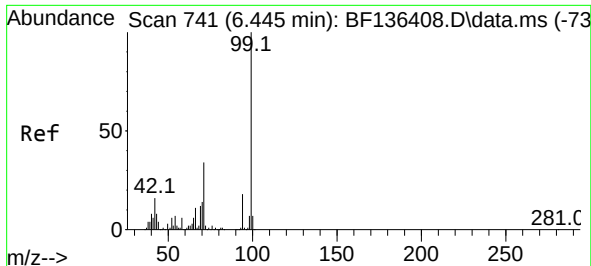
Tgt Ion:152 Resp: 107643
 Ion Ratio Lower Upper
 152 100
 150 156.9 126.4 189.6
 115 62.3 48.2 72.4



#5
 2-Fluorophenol
 Concen: 57.740 ng
 RT: 5.434 min Scan# 569
 Delta R.T. 0.000 min
 Lab File: BF136546.D
 Acq: 13 Dec 2023 19:45

Tgt Ion:112 Resp: 420852
 Ion Ratio Lower Upper
 112 100
 64 55.3 46.5 69.7
 63 28.4 23.9 35.9

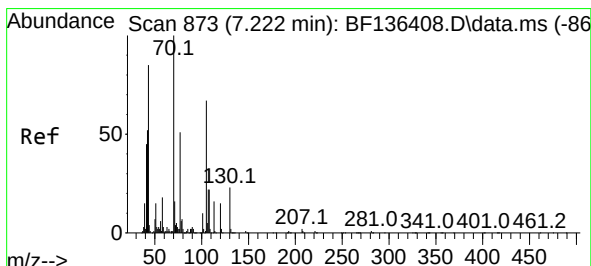
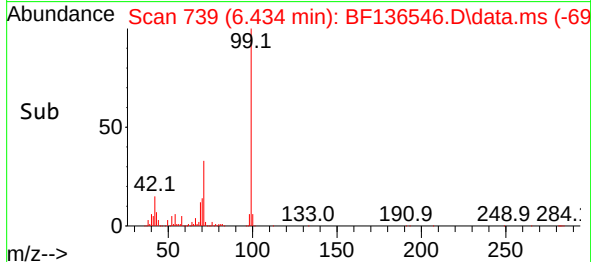
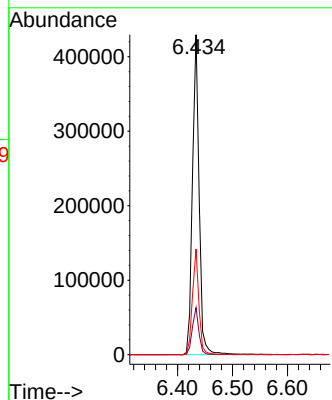
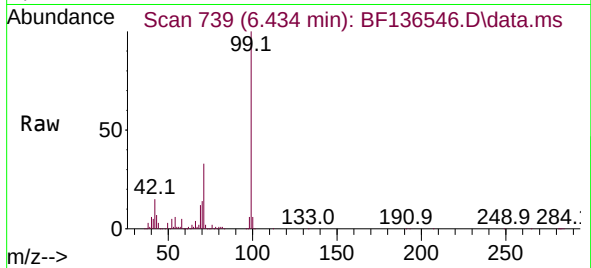




#7
Phenol-d6
Concen: 39.752 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136546.D
Acq: 13 Dec 2023 19:45

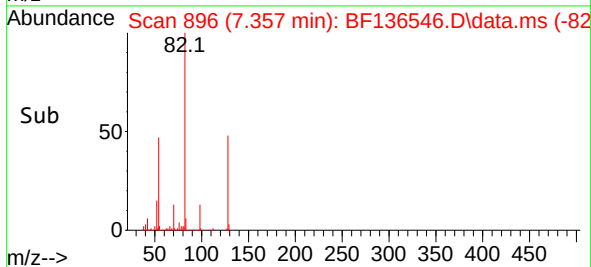
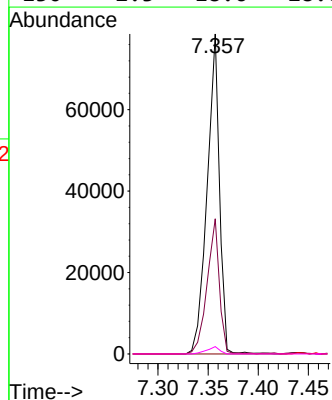
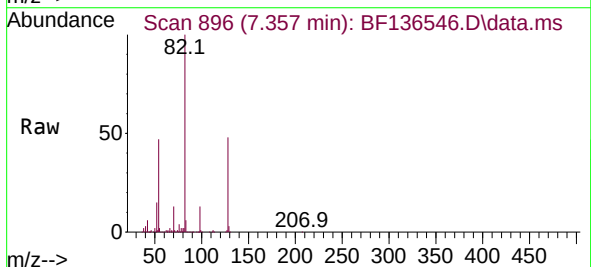
Instrument :
BNA_F
ClientSampleId :
DUP11272023

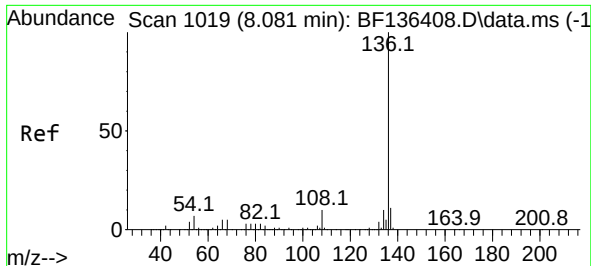
Tgt Ion: 99 Resp: 361505
Ion Ratio Lower Upper
99 100
42 14.7 12.8 19.2
71 33.0 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.940 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF136546.D
Acq: 13 Dec 2023 19:45

Tgt Ion: 70 Resp: 67883
Ion Ratio Lower Upper
70 100
42 42.2 41.4 62.0
101 0.0 8.2 12.4#
130 2.3 18.6 28.0#



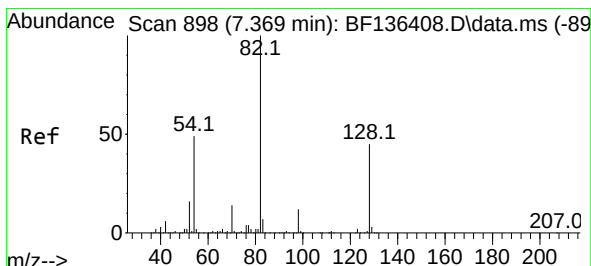
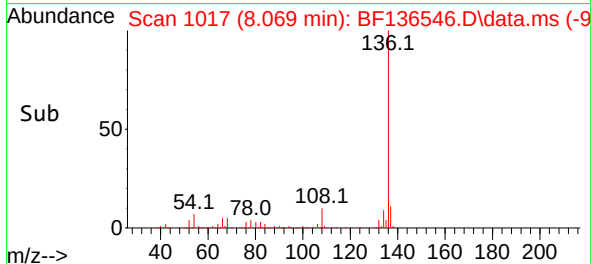
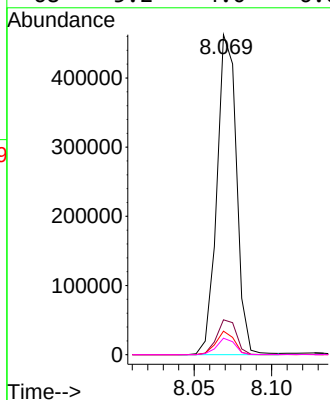
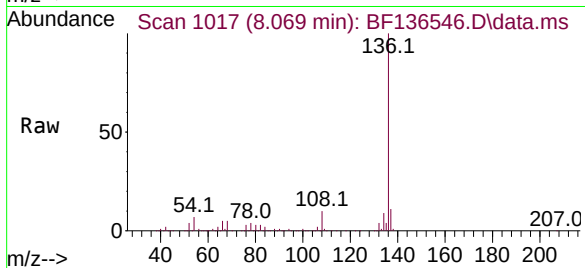


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136546.D
Acq: 13 Dec 2023 19:45

Instrument :
BNA_F
ClientSampleId :
DUP11272023

Tgt Ion:136 Resp: 407531

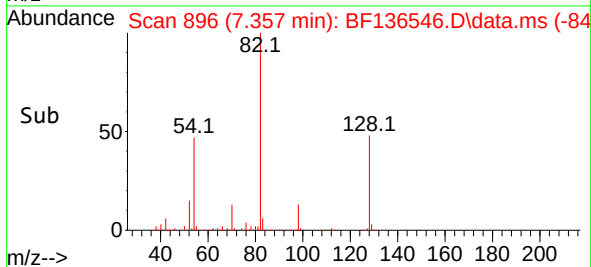
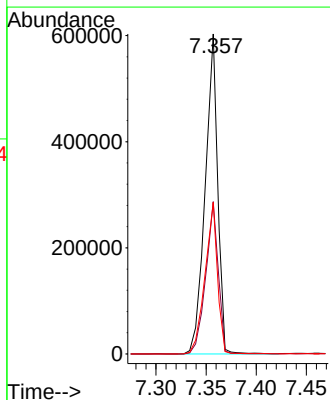
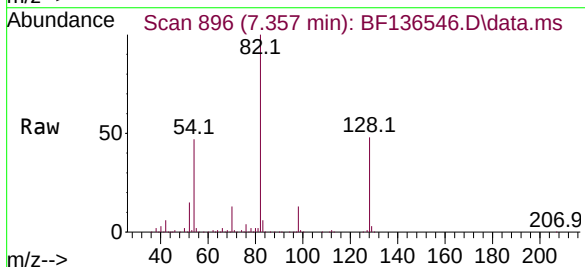
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	7.4	5.7	8.5
68	5.2	4.0	6.0

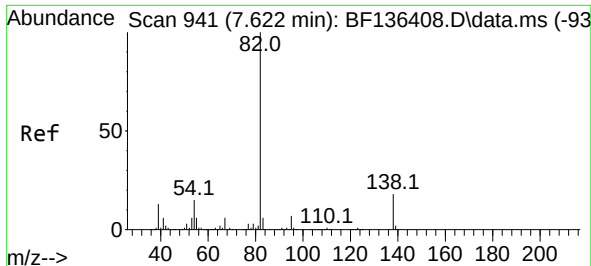


#23
Nitrobenzene-d5
Concen: 70.082 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF136546.D
Acq: 13 Dec 2023 19:45

Tgt Ion: 82 Resp: 528308

Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.3	54.5
54	47.4	39.0	58.6

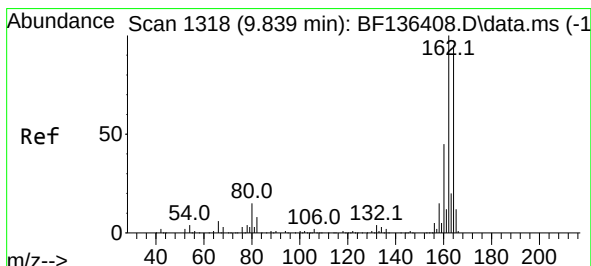
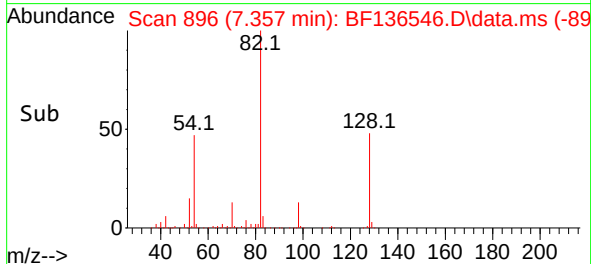
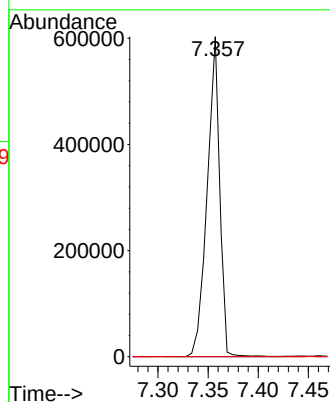
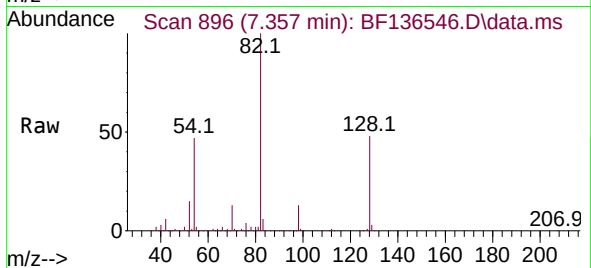




#25
Isophorone
Concen: 39.008 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF136546.D
Acq: 13 Dec 2023 19:45

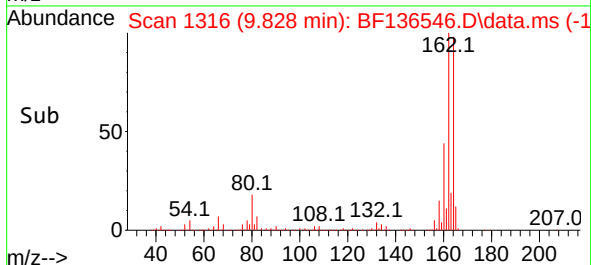
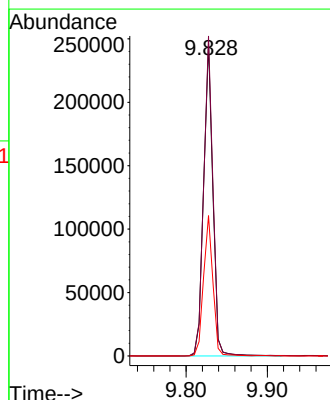
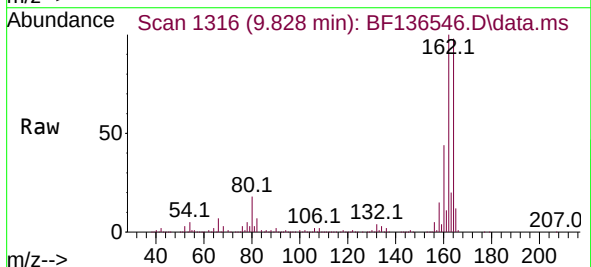
Instrument :
BNA_F
ClientSampleId :
DUP11272023

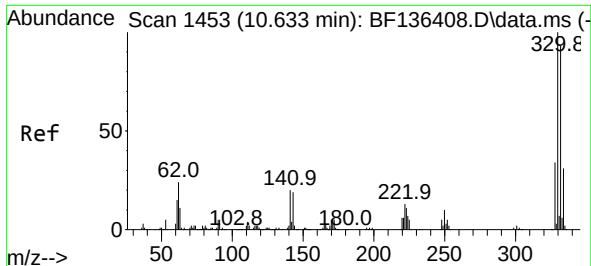
Tgt Ion: 82 Resp: 528308
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF136546.D
Acq: 13 Dec 2023 19:45

Tgt Ion:164 Resp: 195752
Ion Ratio Lower Upper
164 100
162 102.5 84.4 126.6
160 45.0 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 94.033 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136546.D

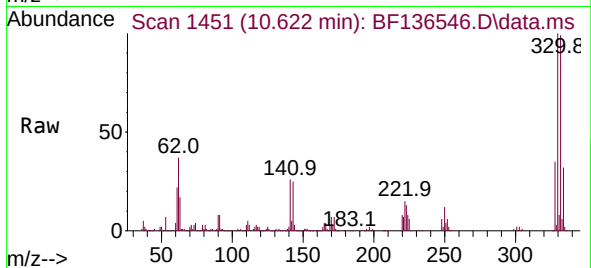
Acq: 13 Dec 2023 19:45

Instrument :

BNA_F

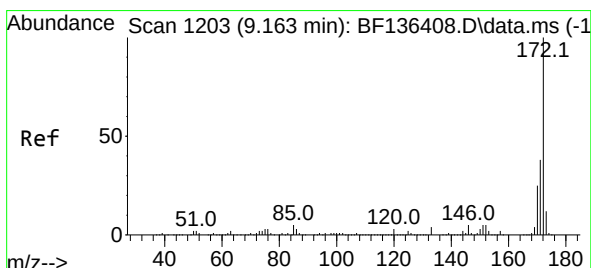
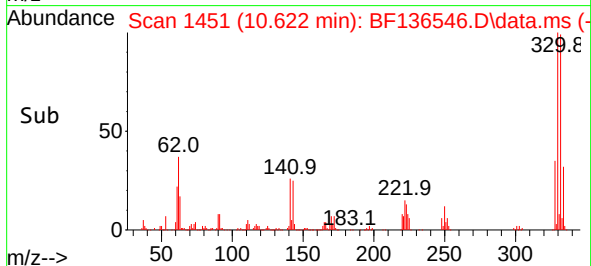
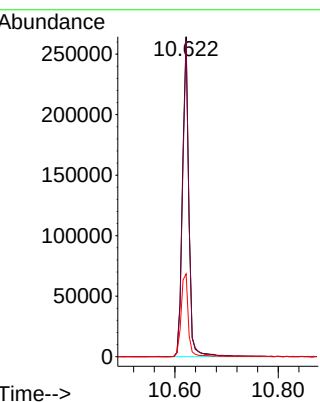
ClientSampleId :

DUP11272023



Tgt Ion:330 Resp: 226962

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.4	114.6
141	29.2	23.4	35.2



#45

2-Fluorobiphenyl

Concen: 73.671 ng

RT: 9.151 min Scan# 1201

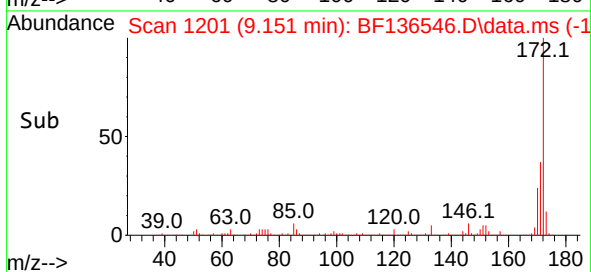
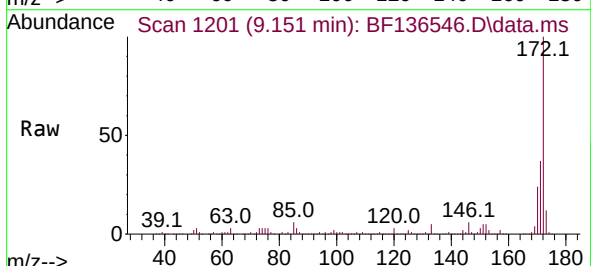
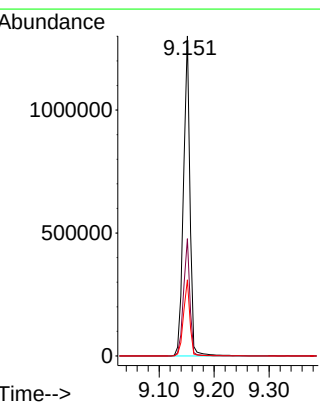
Delta R.T. -0.012 min

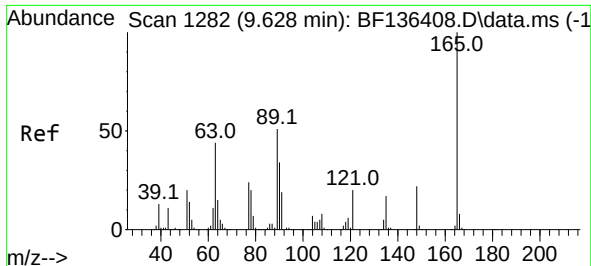
Lab File: BF136546.D

Acq: 13 Dec 2023 19:45

Tgt Ion:172 Resp: 1056886

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.5	45.7
170	23.8	19.9	29.9

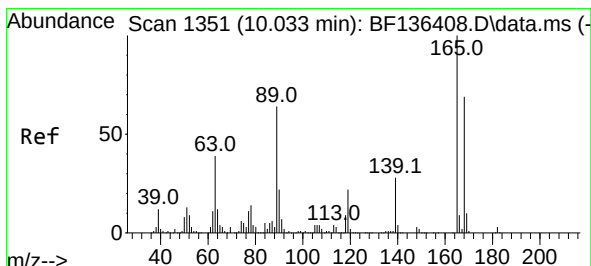
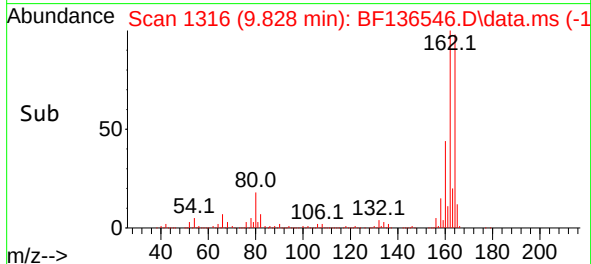
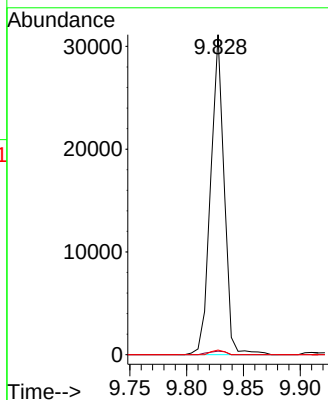
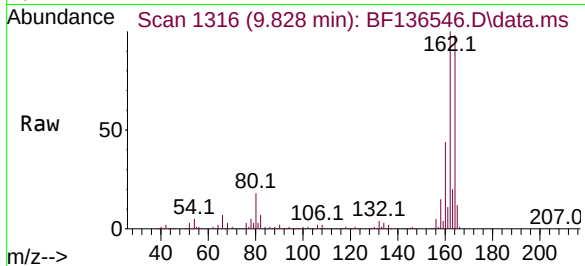




#51
2,6-Dinitrotoluene
Concen: 7.939 ng
RT: 9.828 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF136546.D
Acq: 13 Dec 2023 19:45

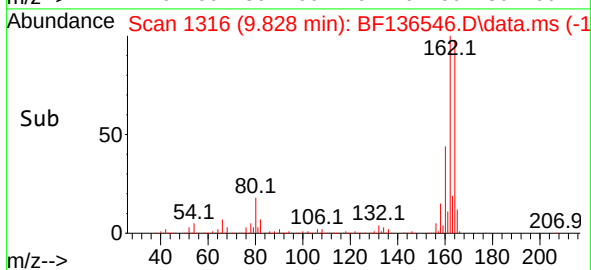
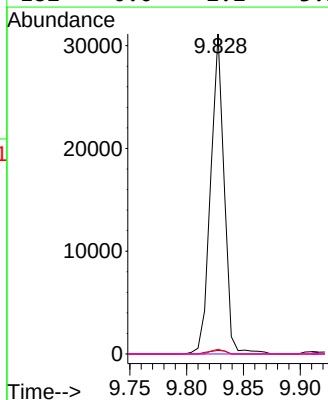
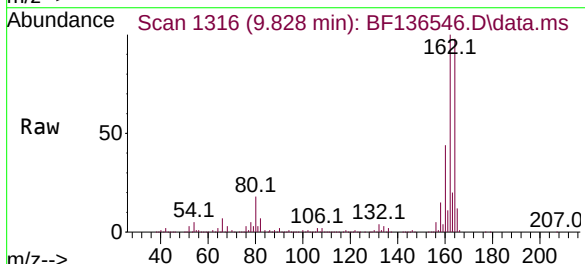
Instrument :
BNA_F
ClientSampleId :
DUP11272023

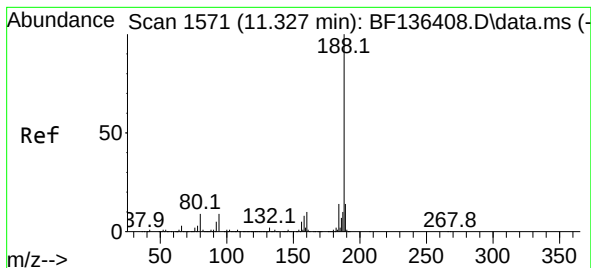
Tgt Ion:165 Resp: 25742
Ion Ratio Lower Upper
165 100
63 1.1 40.4 60.6#
89 1.5 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.002 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.206 min
Lab File: BF136546.D
Acq: 13 Dec 2023 19:45

Tgt Ion:165 Resp: 25742
Ion Ratio Lower Upper
165 100
63 1.1 31.4 47.2#
89 1.5 51.7 77.5#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136546.D

Acq: 13 Dec 2023 19:45

Instrument :

BNA_F

ClientSampleId :

DUP11272023

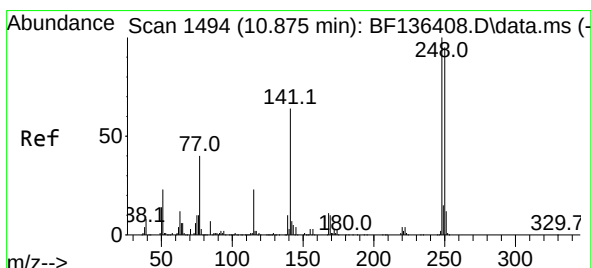
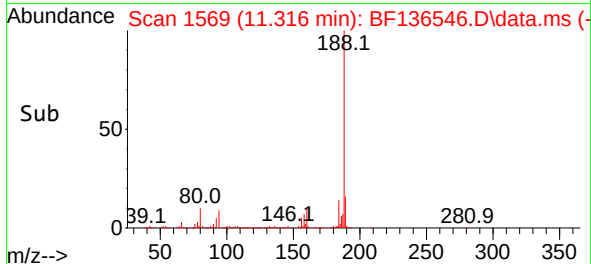
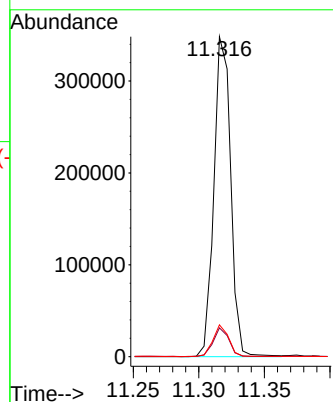
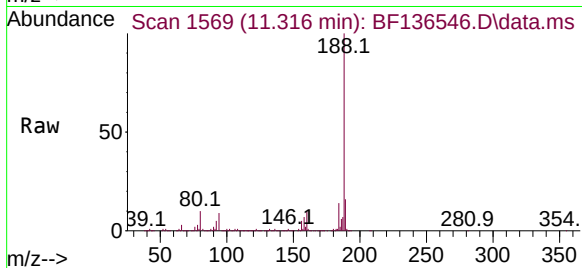
Tgt Ion:188 Resp: 310059

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

80 9.9 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 3.841 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.253 min

Lab File: BF136546.D

Acq: 13 Dec 2023 19:45

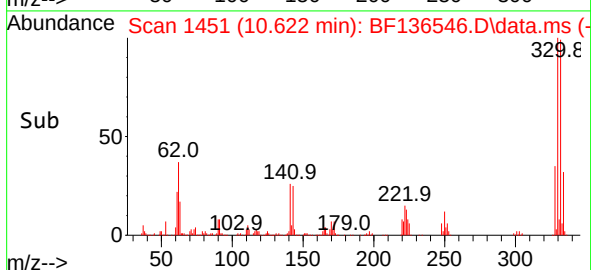
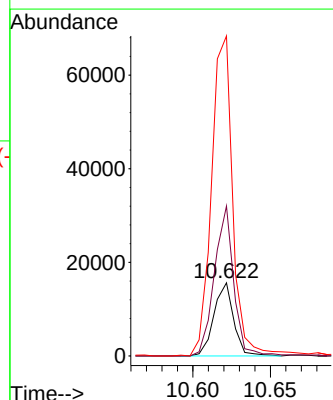
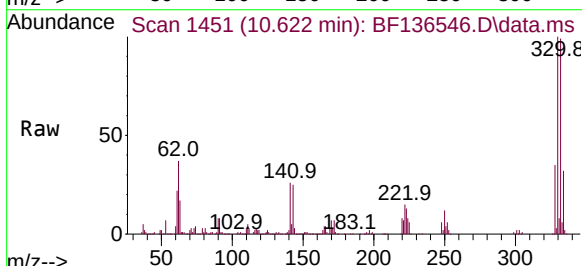
Tgt Ion:248 Resp: 13846

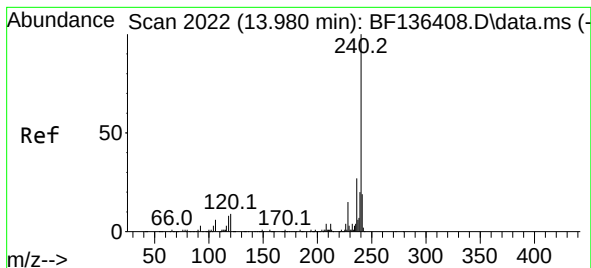
Ion Ratio Lower Upper

248 100

250 204.9 76.2 114.2#

141 437.3 51.0 76.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF136546.D

Acq: 13 Dec 2023 19:45

Instrument :

BNA_F

ClientSampleId :

DUP11272023

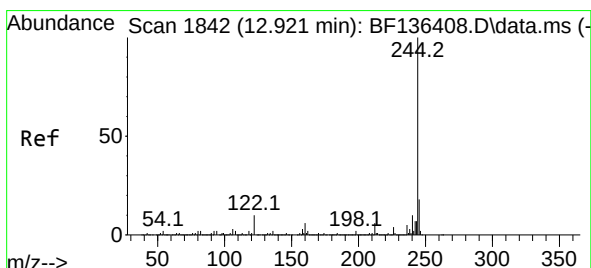
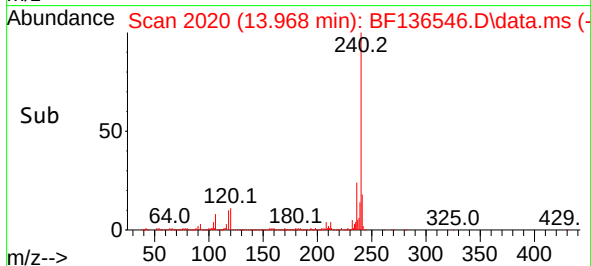
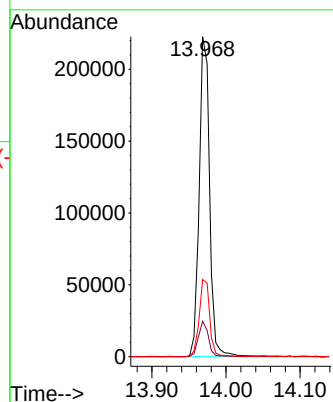
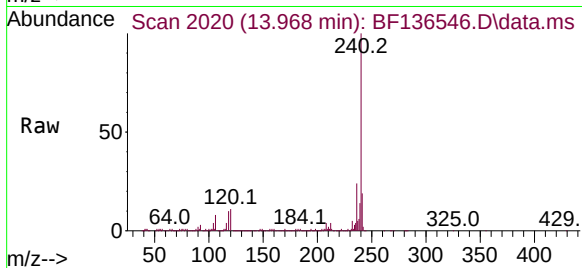
Tgt Ion:240 Resp: 216265

Ion Ratio Lower Upper

240 100

120 11.0 7.3 10.9#

236 24.1 21.3 31.9



#79

Terphenyl-d14

Concen: 59.456 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF136546.D

Acq: 13 Dec 2023 19:45

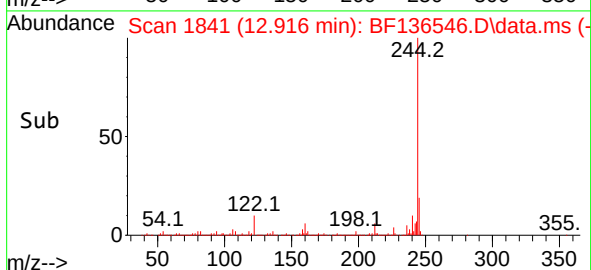
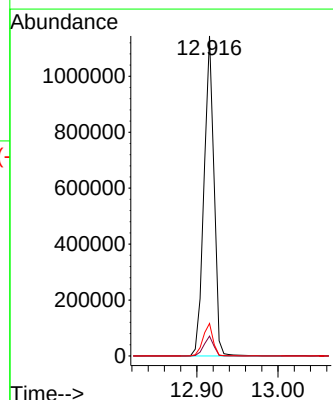
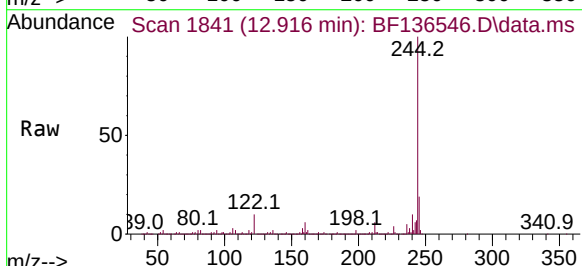
Tgt Ion:244 Resp: 975552

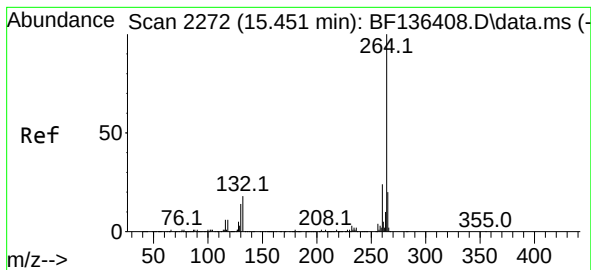
Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.4

122 10.1 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: BF136546.D
Acq: 13 Dec 2023 19:45

Instrument :
BNA_F
ClientSampleId :
DUP11272023

Tgt Ion:264 Resp: 219474

Ion	Ratio	Lower	Upper
264	100		
260	21.8	19.2	28.8
265	21.9	15.9	23.9

