

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
 Data File : BF136514.D
 Acq On : 12 Dec 2023 14:11
 Operator : CG\JU
 Sample : 05628-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Quant Time: Dec 12 14:37:59 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)

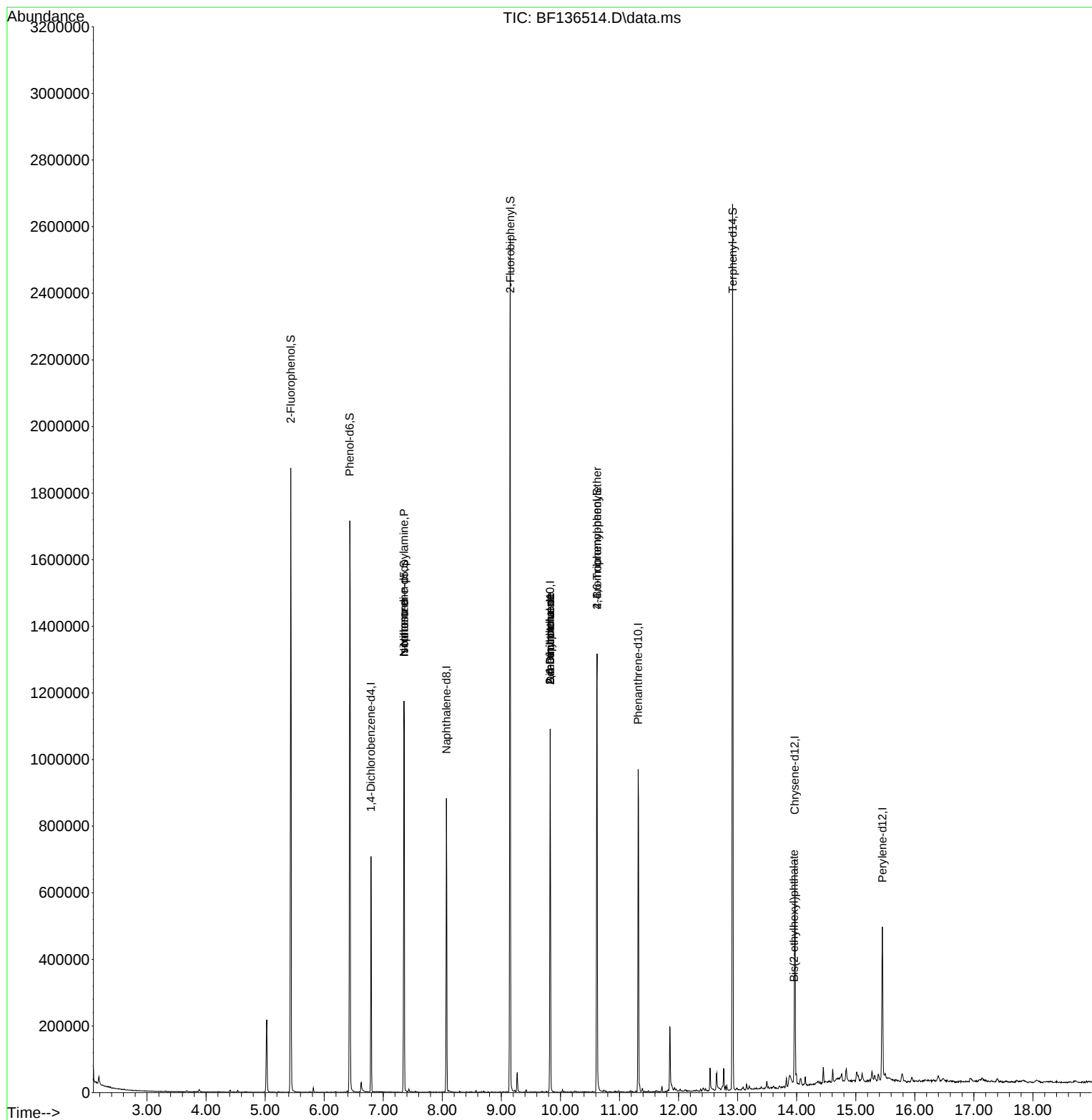
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	96214	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	378627	20.000	ng	-0.01
39) Acenaphthene-d10	9.827	164	199170	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	370262	20.000	ng	-0.01
76) Chrysene-d12	13.968	240	214560	20.000	ng	#-0.01
86) Perylene-d12	15.451	264	212740	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	509571	78.216	ng	0.00
7) Phenol-d6	6.434	99	653933	80.451	ng	-0.01
23) Nitrobenzene-d5	7.351	82	394235	56.289	ng	-0.02
42) 2,4,6-Tribromophenol	10.622	330	183106	74.561	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	793122	54.336	ng	-0.01
79) Terphenyl-d14	12.915	244	885540	54.399	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.434	77	950	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.351	70	50673	10.807	ng	# 78
25) Isophorone	7.351	82	394227	31.330	ng	# 65
50) Dimethylphthalate	9.827	163	39547	2.697	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	25344	7.683	ng	# 29
57) 2,4-Dinitrotoluene	9.827	165	25344	5.807	ng	# 28
67) 4-Bromophenyl-phenylether	10.622	248	11191	2.600	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.957	149	25232	2.752	ng	# 90

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

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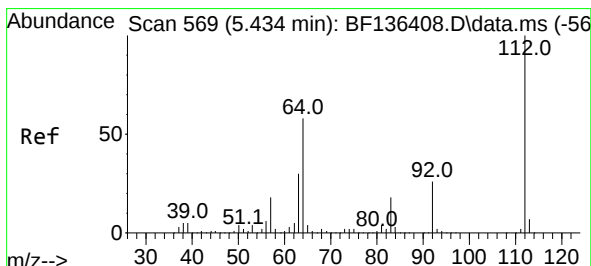
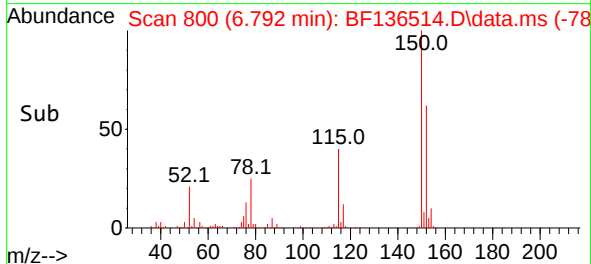
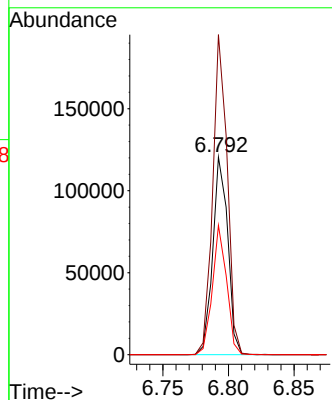
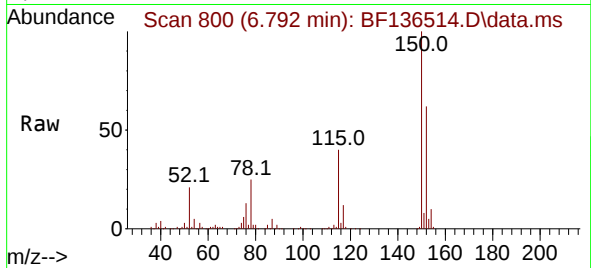




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 802
Delta R.T. -0.012 min
Lab File: BF136514.D
Acq: 12 Dec 2023 14:11

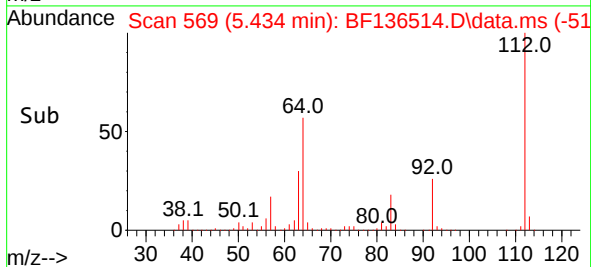
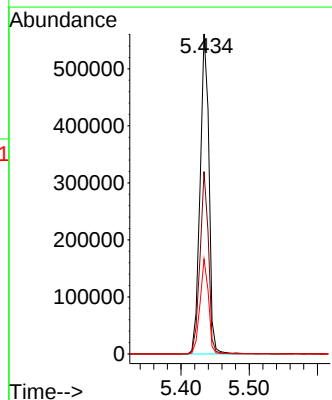
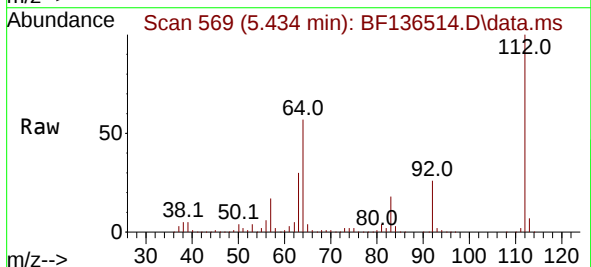
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

Tgt Ion:152 Resp: 96214
Ion Ratio Lower Upper
152 100
150 161.9 126.4 189.6
115 65.4 48.2 72.4



#5
2-Fluorophenol
Concen: 78.216 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.000 min
Lab File: BF136514.D
Acq: 12 Dec 2023 14:11

Tgt Ion:112 Resp: 509571
Ion Ratio Lower Upper
112 100
64 57.0 46.5 69.7
63 29.7 23.9 35.9

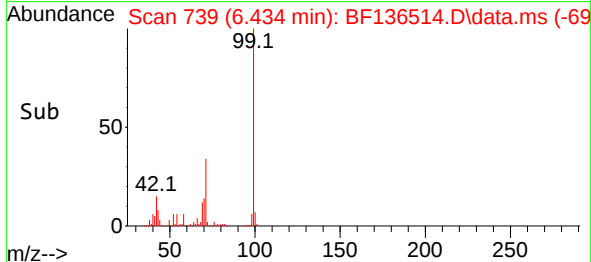
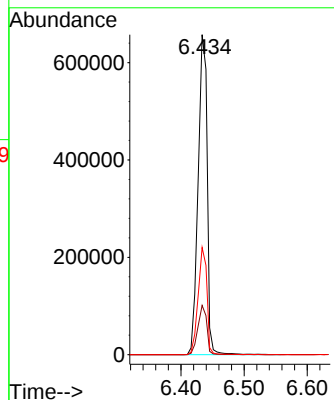
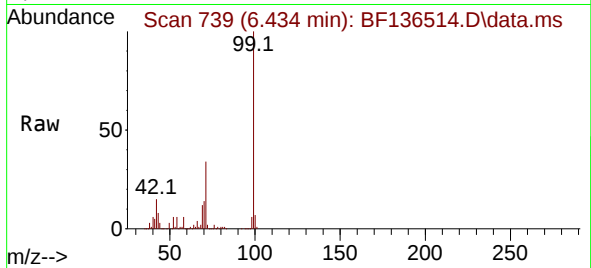




#7
Phenol-d6
Concen: 80.451 ng
RT: 6.434 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF136514.D
Acq: 12 Dec 2023 14:11

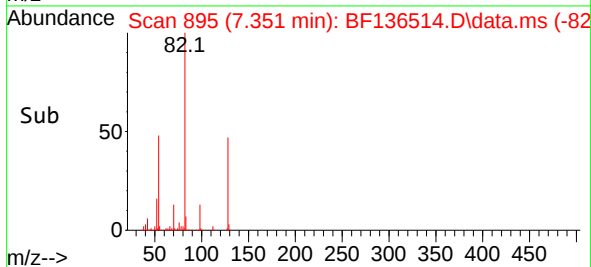
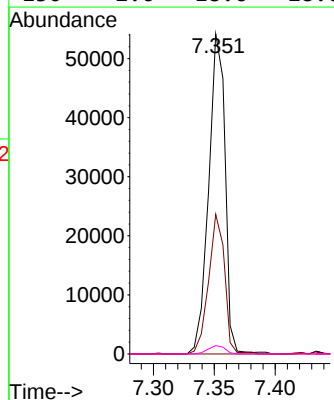
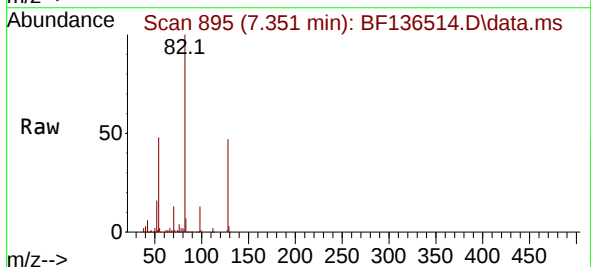
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

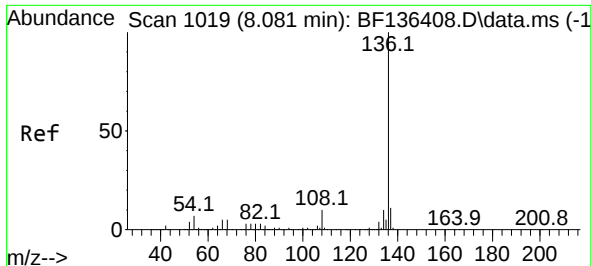
Tgt Ion: 99 Resp: 653933
Ion Ratio Lower Upper
99 100
42 15.4 12.8 19.2
71 33.5 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.807 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.129 min
Lab File: BF136514.D
Acq: 12 Dec 2023 14:11

Tgt Ion: 70 Resp: 50673
Ion Ratio Lower Upper
70 100
42 43.7 41.4 62.0
101 0.0 8.2 12.4#
130 2.6 18.6 28.0#

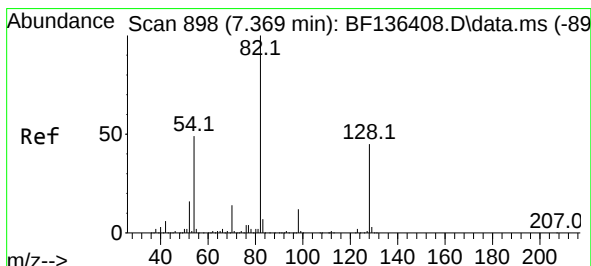
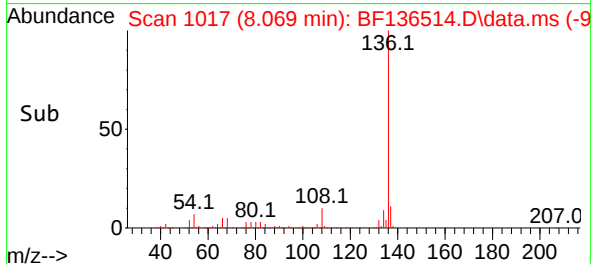
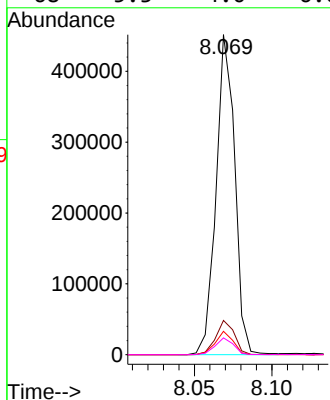
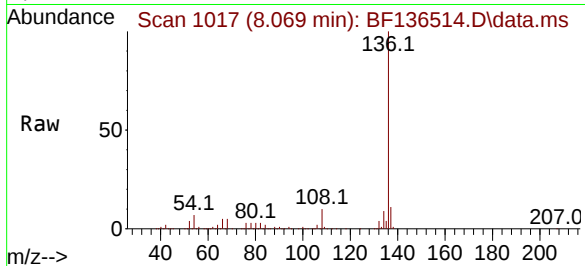




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF136514.D
Acq: 12 Dec 2023 14:11

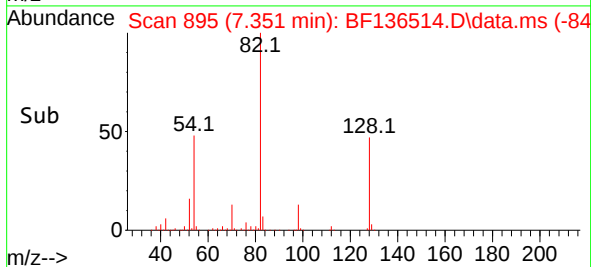
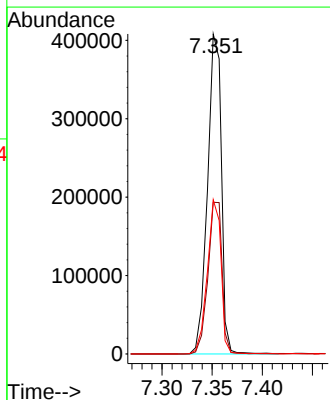
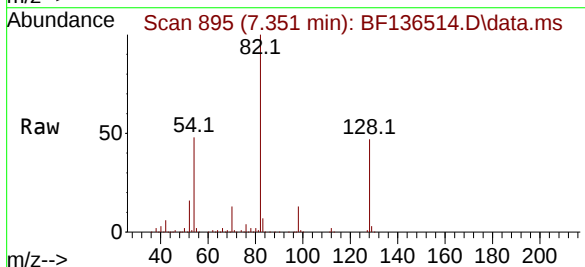
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

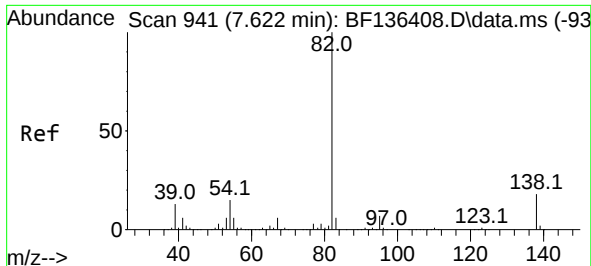
Tgt Ion:136 Resp: 378627
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 7.3 5.7 8.5
68 5.3 4.0 6.0



#23
Nitrobenzene-d5
Concen: 56.289 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF136514.D
Acq: 12 Dec 2023 14:11

Tgt Ion: 82 Resp: 394235
Ion Ratio Lower Upper
82 100
128 47.4 36.3 54.5
54 48.2 39.0 58.6

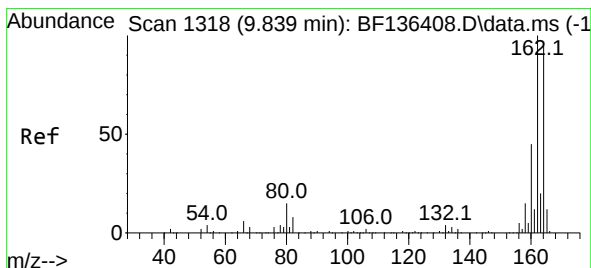
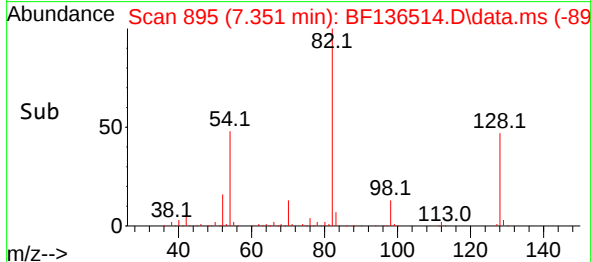
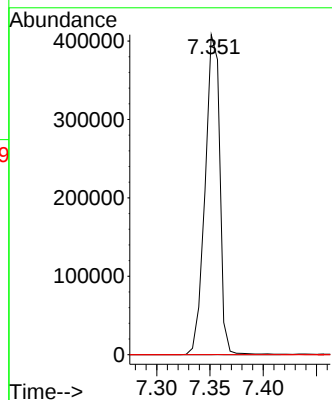
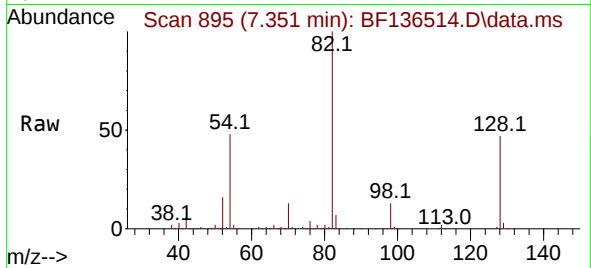




#25
Isophorone
Concen: 31.330 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF136514.D
Acq: 12 Dec 2023 14:11

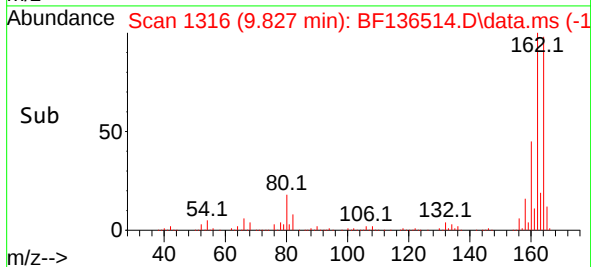
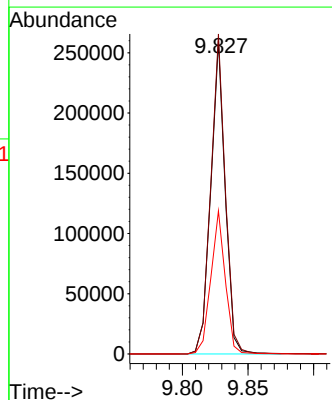
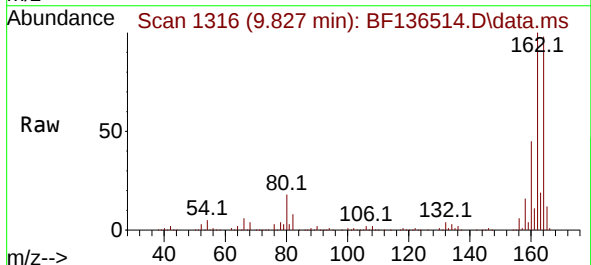
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

Tgt Ion: 82 Resp: 394227
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: 9.827 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF136514.D
Acq: 12 Dec 2023 14:11

Tgt Ion:164 Resp: 199170
Ion Ratio Lower Upper
164 100
162 102.3 84.4 126.6
160 45.7 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 74.561 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136514.D

Acq: 12 Dec 2023 14:11

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

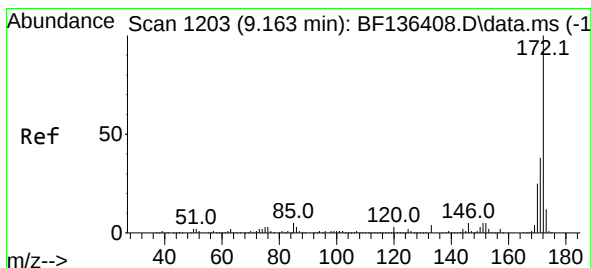
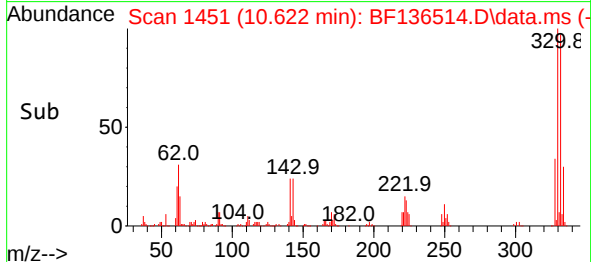
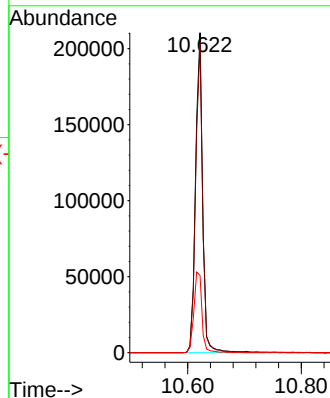
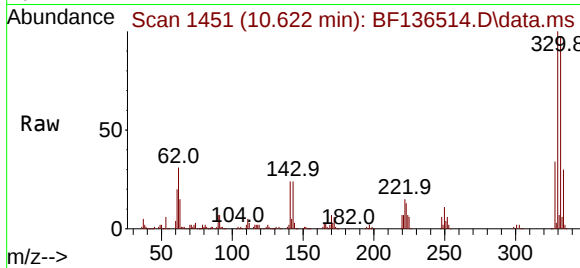
Tgt Ion:330 Resp: 183106

Ion Ratio Lower Upper

330 100

332 96.4 76.4 114.6

141 28.7 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 54.336 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136514.D

Acq: 12 Dec 2023 14:11

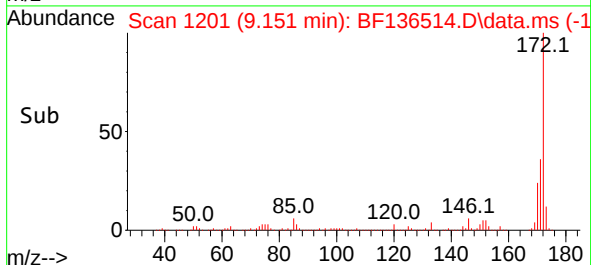
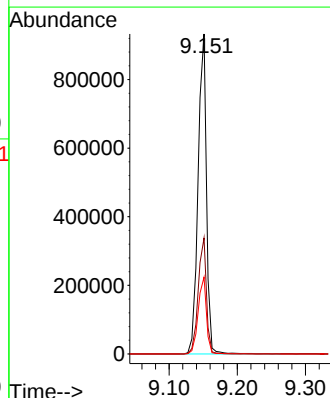
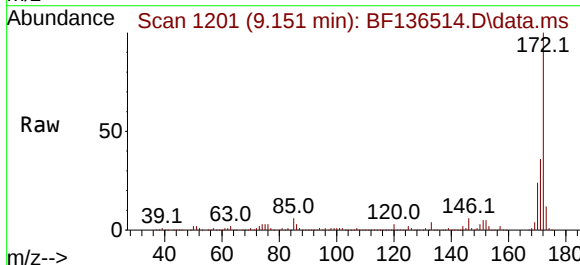
Tgt Ion:172 Resp: 793122

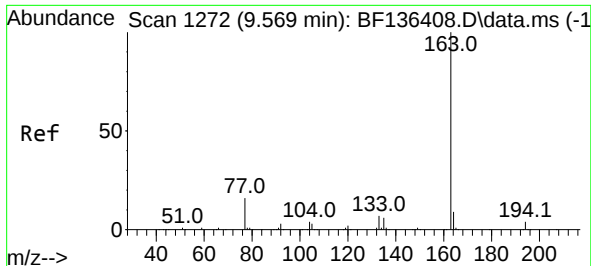
Ion Ratio Lower Upper

172 100

171 36.2 30.5 45.7

170 24.0 19.9 29.9

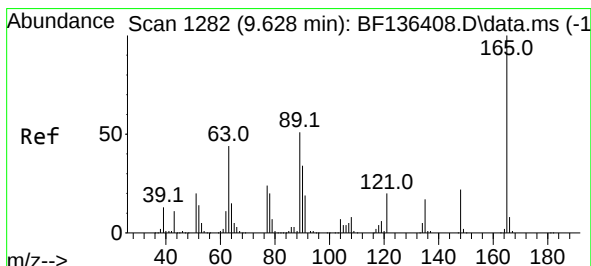
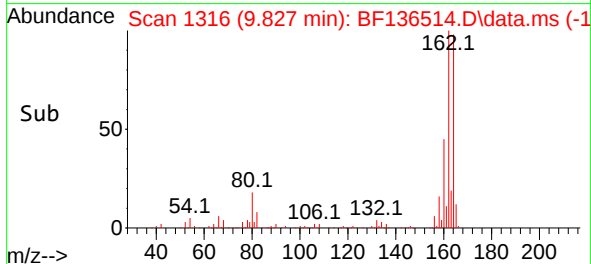
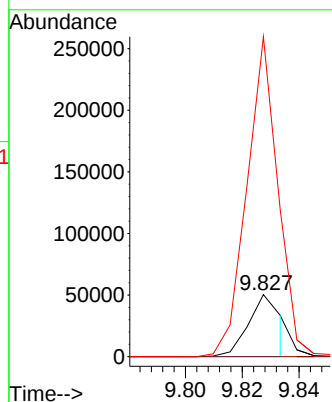
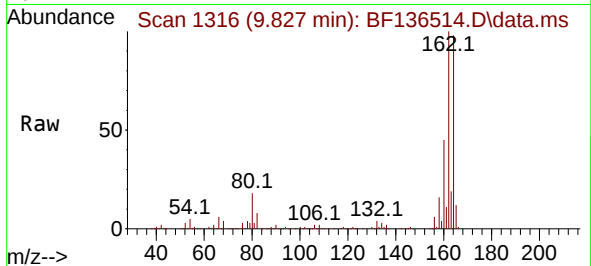




#50
Dimethylphthalate
Concen: 2.697 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.259 min
Lab File: BF136514.D
Acq: 12 Dec 2023 14:11

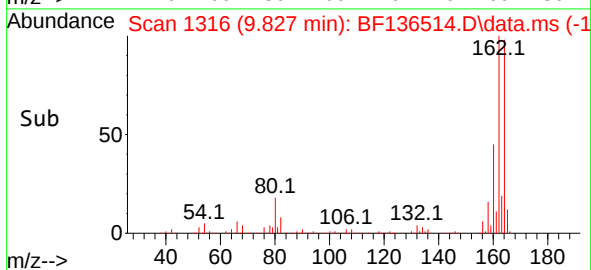
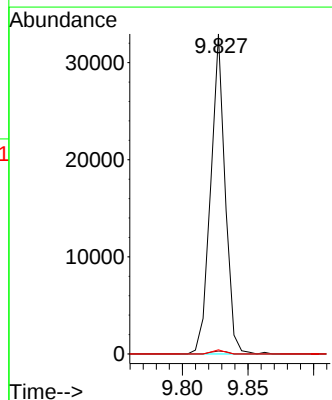
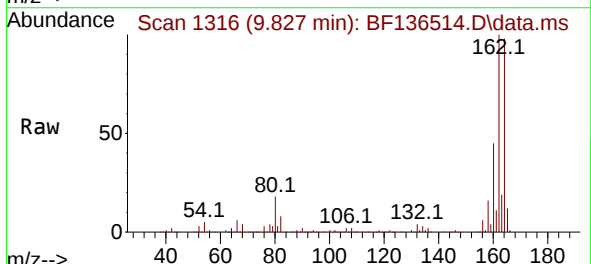
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

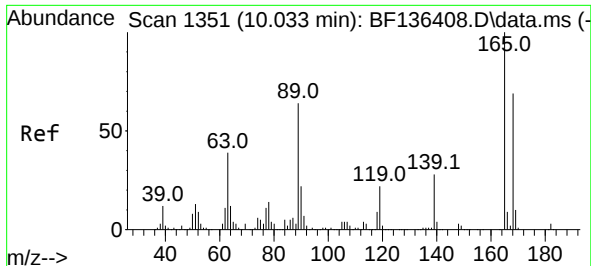
Tgt Ion:163 Resp: 39547
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 515.2 7.4 11.2#



#51
2,6-Dinitrotoluene
Concen: 7.683 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF136514.D
Acq: 12 Dec 2023 14:11

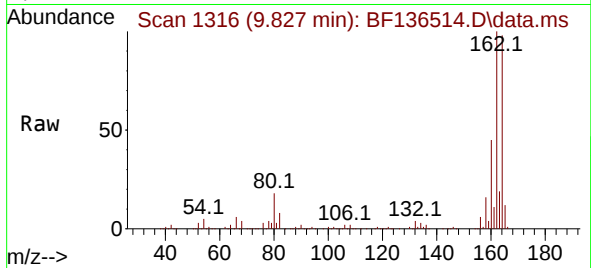
Tgt Ion:165 Resp: 25344
Ion Ratio Lower Upper
165 100
63 0.9 40.4 60.6#
89 1.3 40.6 60.8#



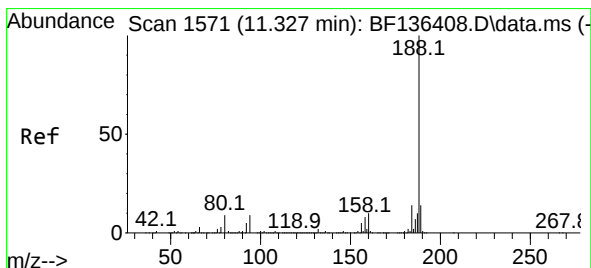
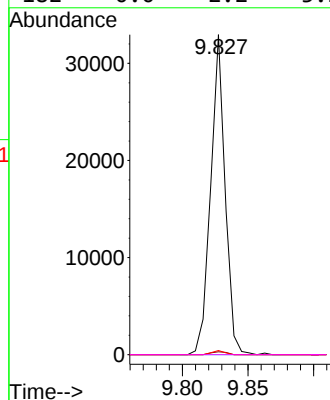
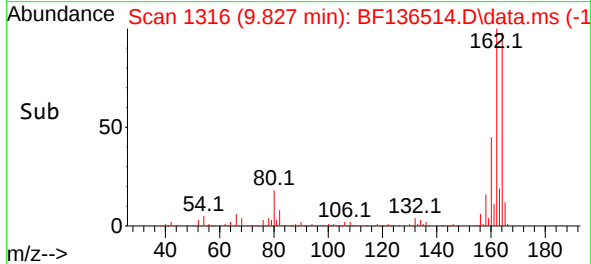


#57
2,4-Dinitrotoluene
Concen: 5.807 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136514.D
Acq: 12 Dec 2023 14:11

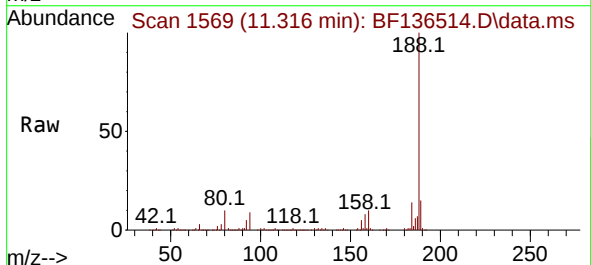
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP



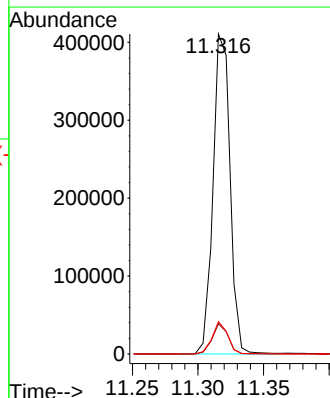
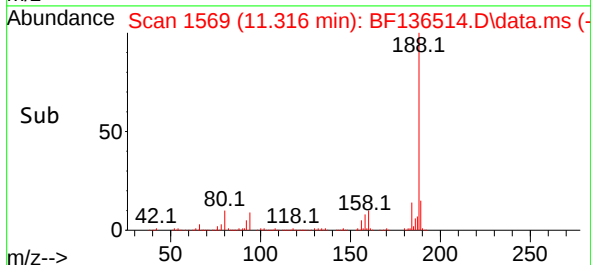
Tgt Ion:165 Resp: 25344
Ion Ratio Lower Upper
165 100
63 0.9 31.4 47.2#
89 1.3 51.7 77.5#
182 0.0 2.2 3.2#

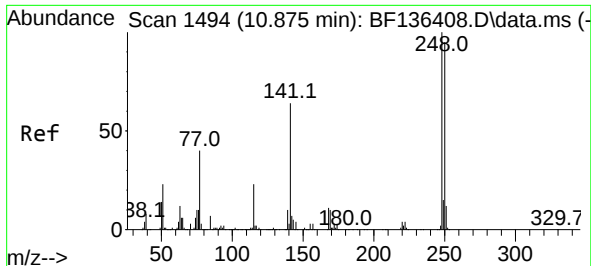


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF136514.D
Acq: 12 Dec 2023 14:11



Tgt Ion:188 Resp: 370262
Ion Ratio Lower Upper
188 100
94 9.5 7.2 10.8
80 10.1 7.2 10.8

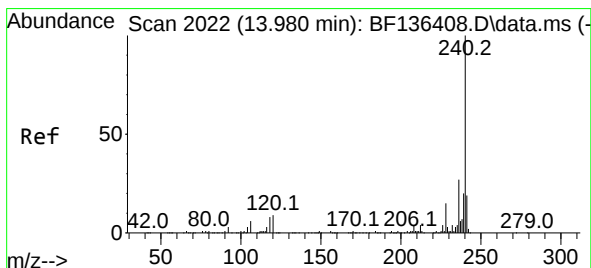
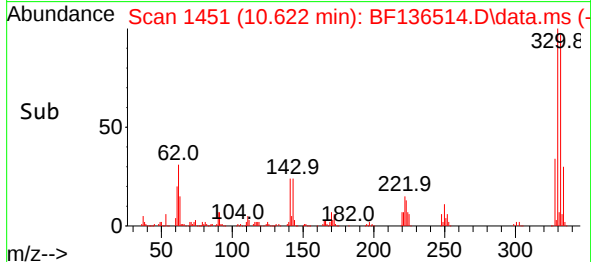
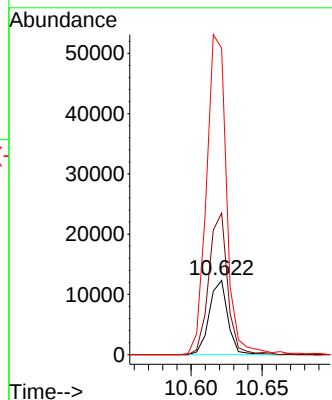
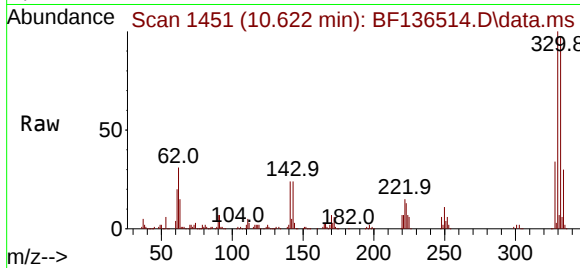




#67
4-Bromophenyl-phenylether
Concen: 2.600 ng
RT: 10.622 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF136514.D
Acq: 12 Dec 2023 14:11

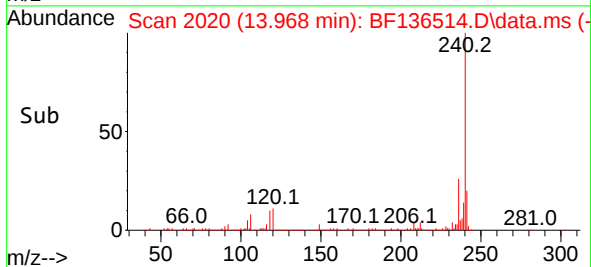
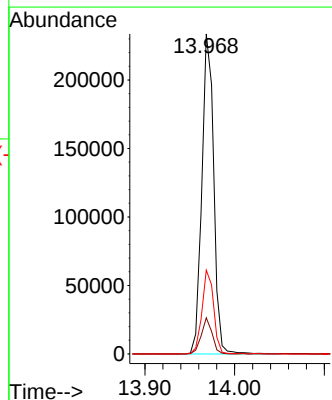
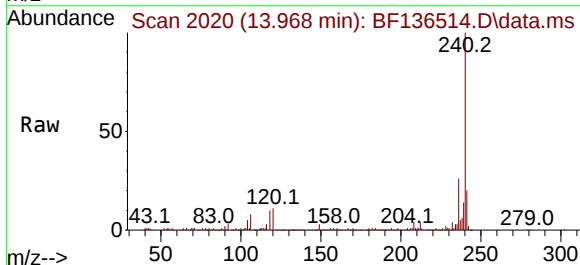
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

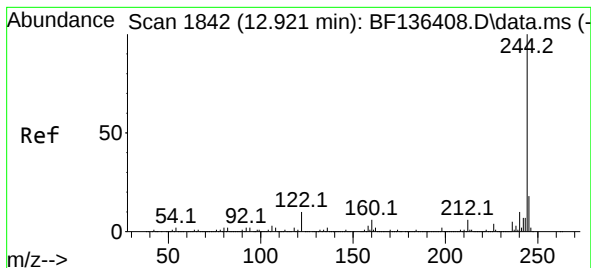
Tgt Ion:248 Resp: 11191
Ion Ratio Lower Upper
248 100
250 190.6 76.2 114.2#
141 412.8 51.0 76.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF136514.D
Acq: 12 Dec 2023 14:11

Tgt Ion:240 Resp: 214560
Ion Ratio Lower Upper
240 100
120 11.3 7.3 10.9#
236 26.2 21.3 31.9





#79

Terphenyl-d14

Concen: 54.399 ng

RT: 12.915 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF136514.D

Acq: 12 Dec 2023 14:11

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

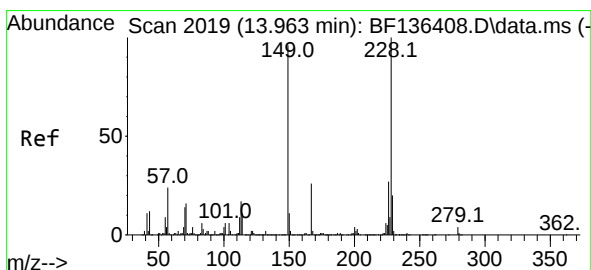
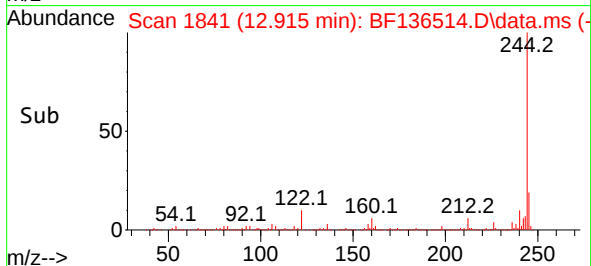
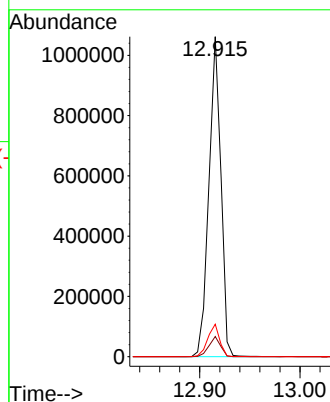
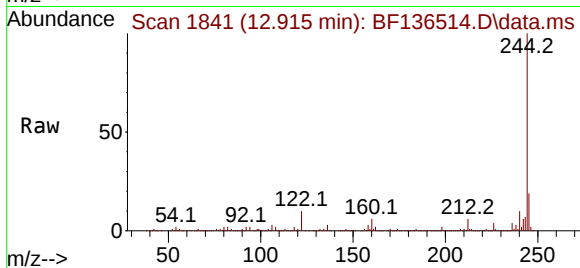
Tgt Ion:244 Resp: 885540

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

122 10.2 8.3 12.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.752 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF136514.D

Acq: 12 Dec 2023 14:11

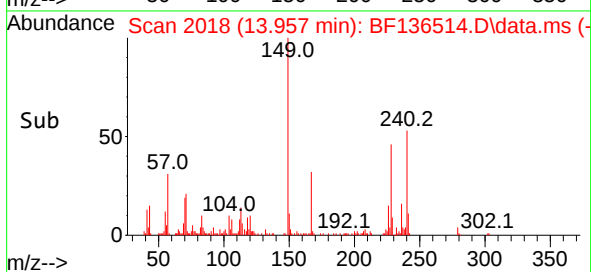
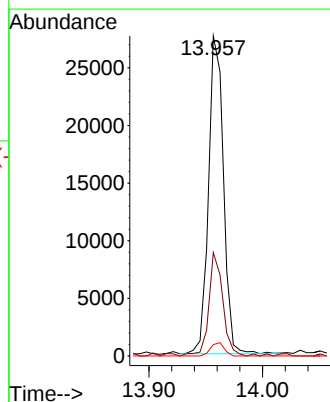
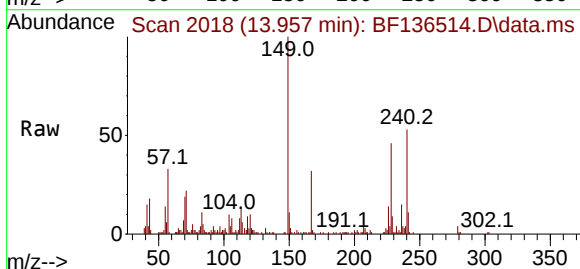
Tgt Ion:149 Resp: 25232

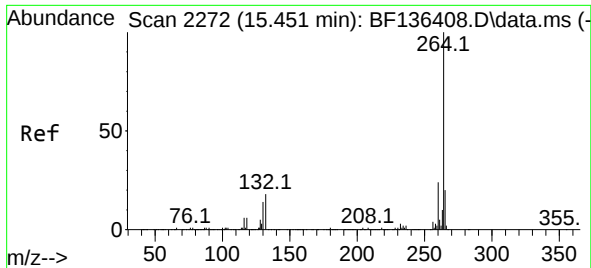
Ion Ratio Lower Upper

149 100

167 32.3 21.2 31.8#

279 3.6 3.1 4.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF136514.D
 Acq: 12 Dec 2023 14:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Tgt Ion:264 Resp: 212740
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.3 15.9 23.9

