

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136821.D
 Acq On : 29 Dec 2023 11:04
 Operator : CG\JU
 Sample : 05994-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-D-COMP

Quant Time: Dec 29 11:24:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

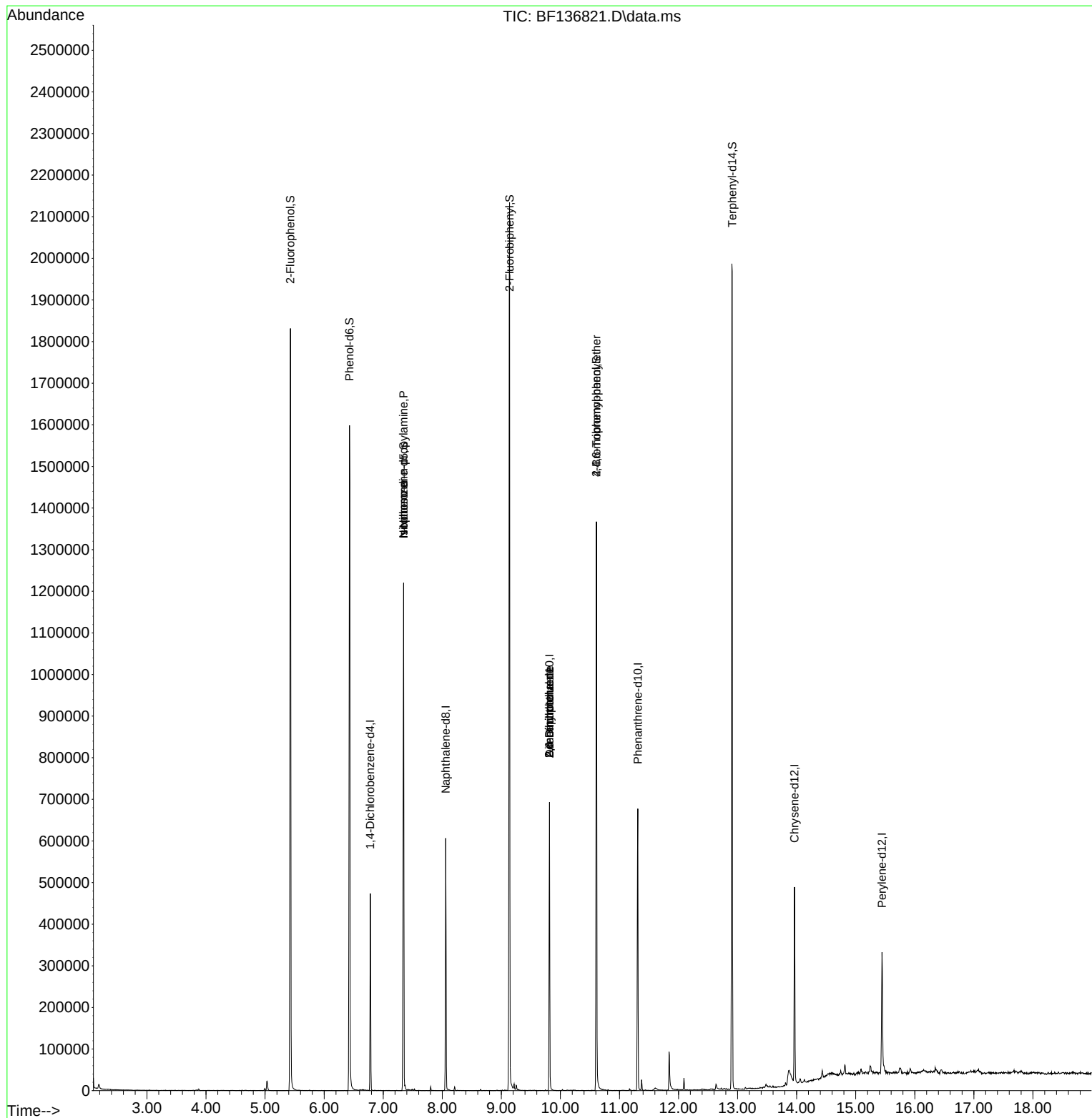
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	63230	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	247771	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	130341	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	246892	20.000	ng	0.00
76) Chrysene-d12	13.963	240	159576	20.000	ng	0.00
86) Perylene-d12	15.445	264	135471	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	480708	118.621	ng	0.00
7) Phenol-d6	6.428	99	600688	114.395	ng	-0.01
23) Nitrobenzene-d5	7.346	82	378862	78.245	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	175574	114.376	ng	-0.01
45) 2-Fluorobiphenyl	9.140	172	723608	74.669	ng	-0.01
79) Terphenyl-d14	12.910	244	781703	68.457	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.346	70	50497	15.864	ng	# 74
25) Isophorone	7.346	82	378856	43.000	ng	# 65
50) Dimethylphthalate	9.816	163	26080	2.739	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	16371	7.577	ng	# 29
57) 2,4-Dinitrotoluene	9.816	165	16371	5.836	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	9910	3.614	ng	# 1

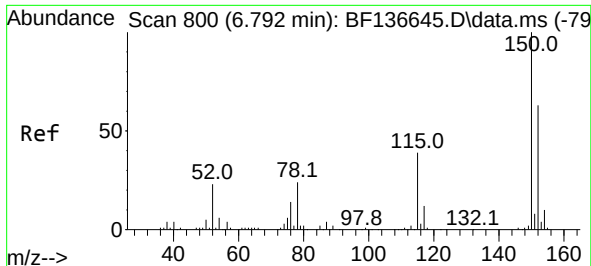
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

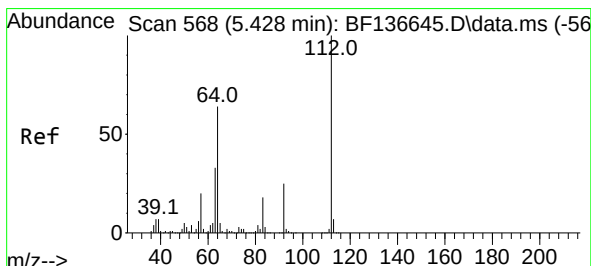
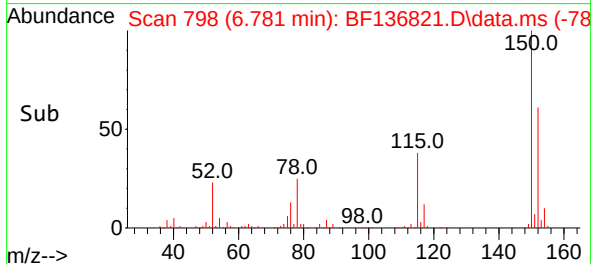
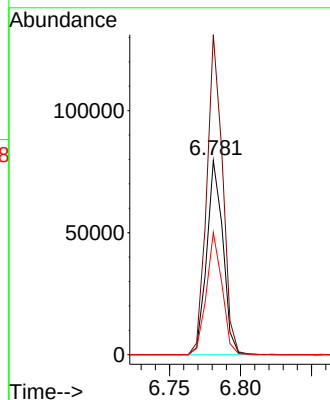
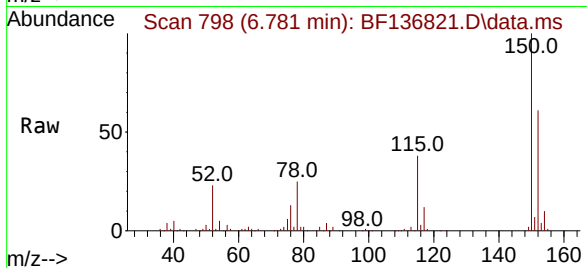




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 798
 Delta R.T. -0.011 min
 Lab File: BF136821.D
 Acq: 29 Dec 2023 11:04

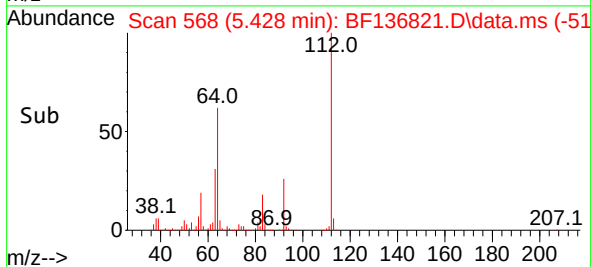
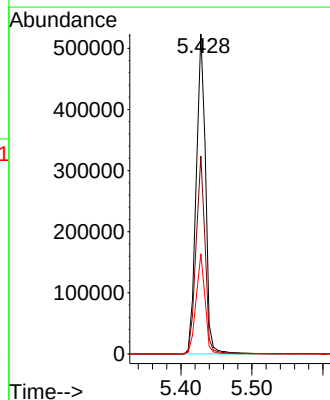
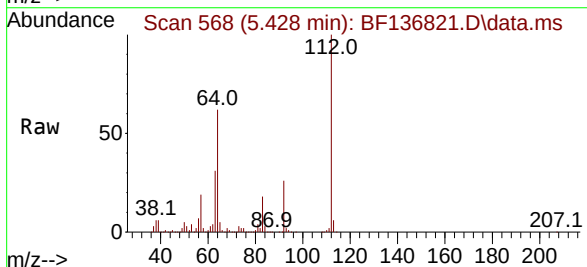
Instrument :
 BNA_F
 ClientSampleId :
 WC-D-COMP

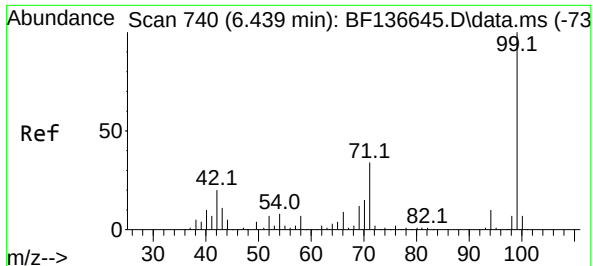
Tgt Ion:152 Resp: 63230
 Ion Ratio Lower Upper
 152 100
 150 164.7 127.0 190.6
 115 63.0 49.0 73.4



#5
 2-Fluorophenol
 Concen: 118.621 ng
 RT: 5.428 min Scan# 568
 Delta R.T. 0.000 min
 Lab File: BF136821.D
 Acq: 29 Dec 2023 11:04

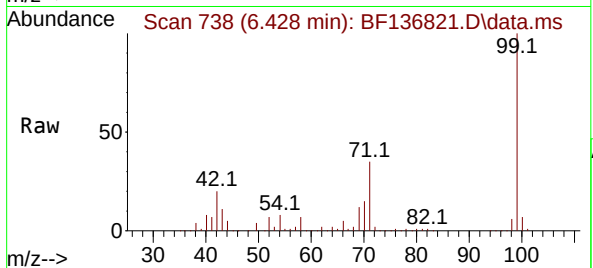
Tgt Ion:112 Resp: 480708
 Ion Ratio Lower Upper
 112 100
 64 61.8 51.1 76.7
 63 31.3 26.1 39.1



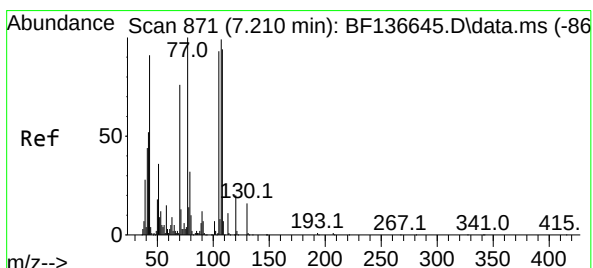
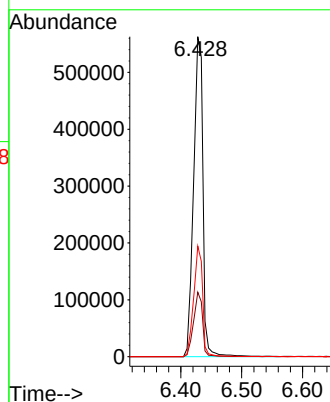
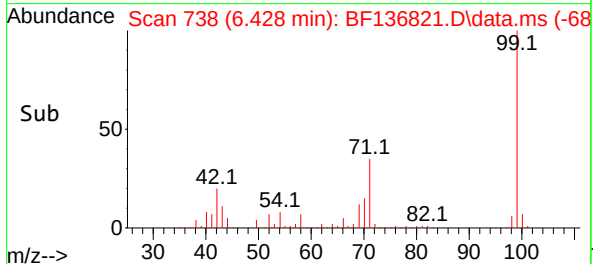


#7
Phenol-d6
Concen: 114.395 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136821.D
Acq: 29 Dec 2023 11:04

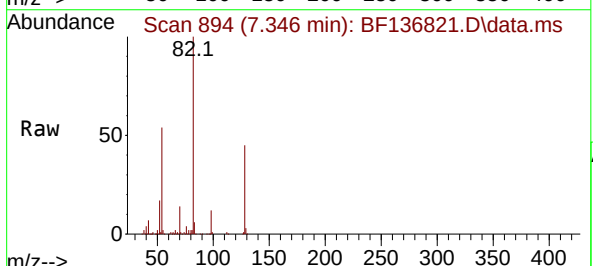
Instrument :
BNA_F
ClientSampleId :
WC-D-COMP



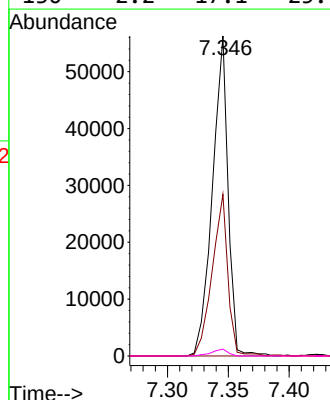
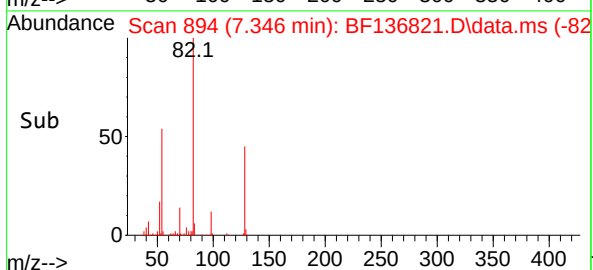
Tgt Ion: 99 Resp: 600688
Ion Ratio Lower Upper
99 100
42 20.2 16.1 24.1
71 34.5 27.4 41.2

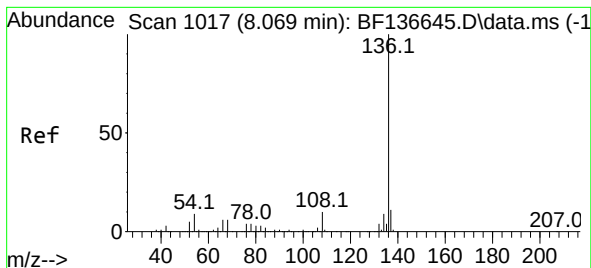


#19
n-Nitroso-di-n-propylamine
Concen: 15.864 ng
RT: 7.346 min Scan# 894
Delta R.T. 0.136 min
Lab File: BF136821.D
Acq: 29 Dec 2023 11:04



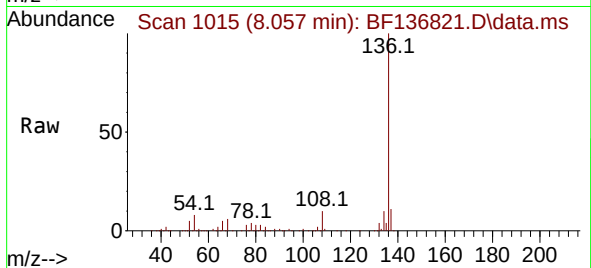
Tgt Ion: 70 Resp: 50497
Ion Ratio Lower Upper
70 100
42 50.5 54.2 81.4#
101 0.0 7.6 11.4#
130 2.2 17.1 25.7#





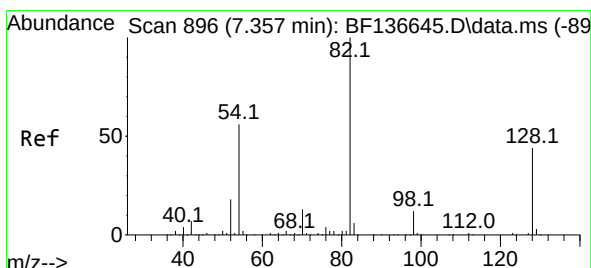
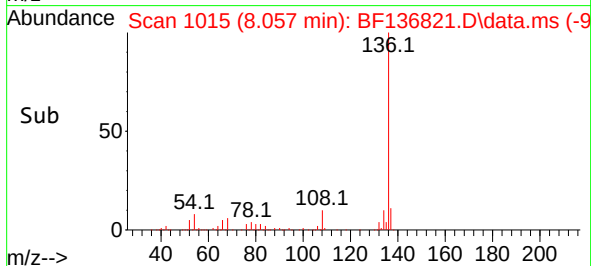
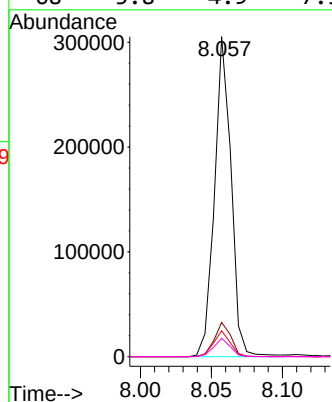
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1017
Delta R.T. -0.011 min
Lab File: BF136821.D
Acq: 29 Dec 2023 11:04

Instrument :
BNA_F
ClientSampleId :
WC-D-COMP



Tgt Ion:136 Resp: 247771

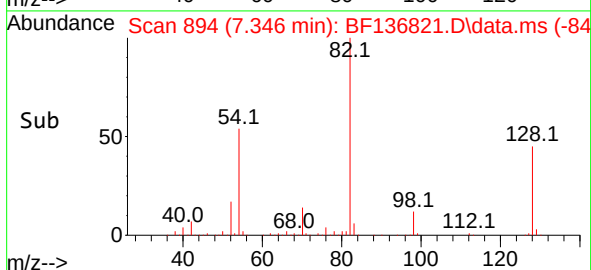
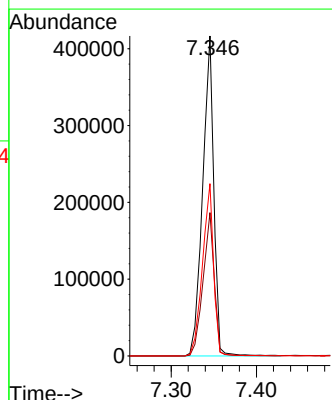
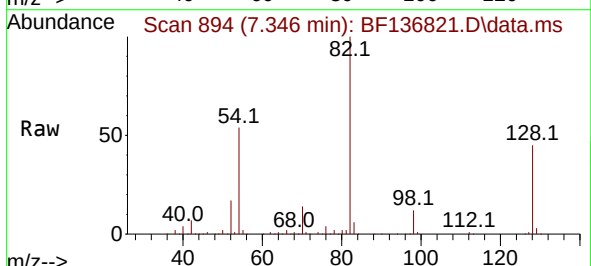
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	8.1	7.2	10.8
68	5.8	4.9	7.3

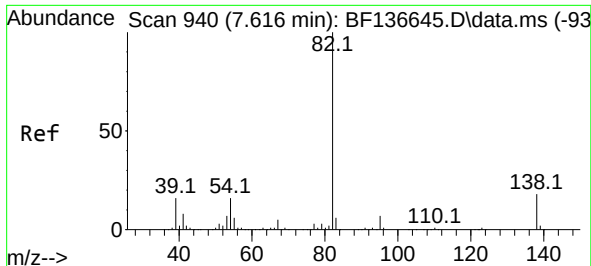


#23
Nitrobenzene-d5
Concen: 78.245 ng
RT: 7.346 min Scan# 894
Delta R.T. -0.011 min
Lab File: BF136821.D
Acq: 29 Dec 2023 11:04

Tgt Ion: 82 Resp: 378862

Ion	Ratio	Lower	Upper
82	100		
128	44.8	35.3	52.9
54	53.9	44.5	66.7

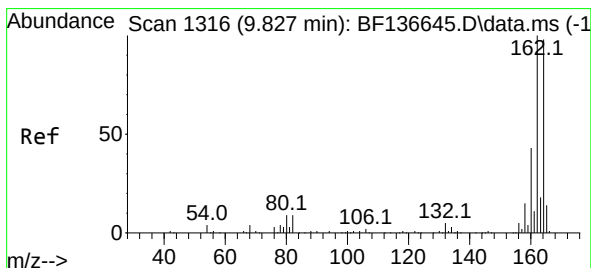
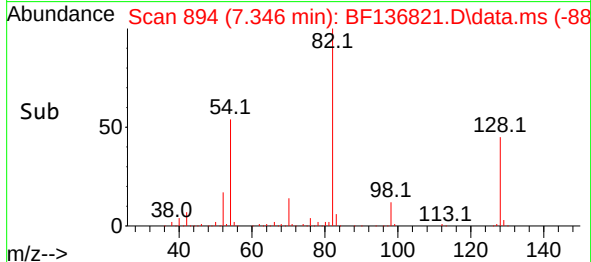
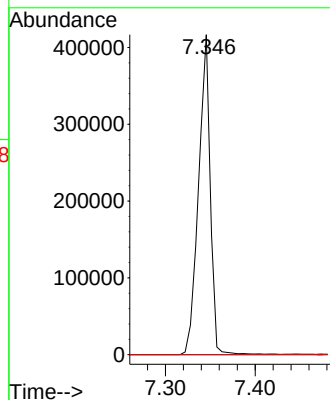
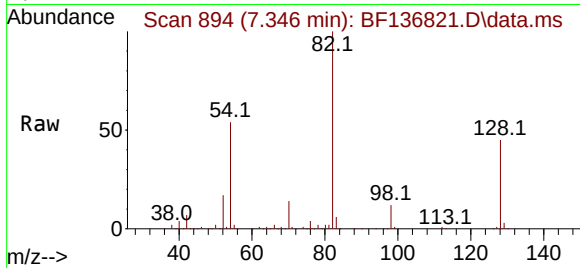




#25
Isophorone
Concen: 43.000 ng
RT: 7.346 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF136821.D
Acq: 29 Dec 2023 11:04

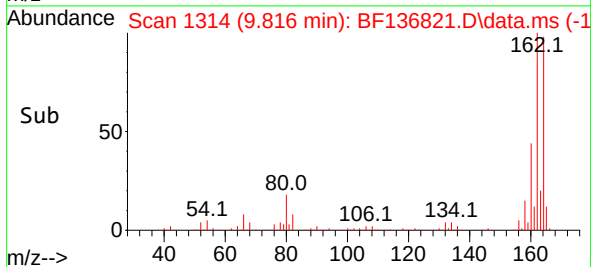
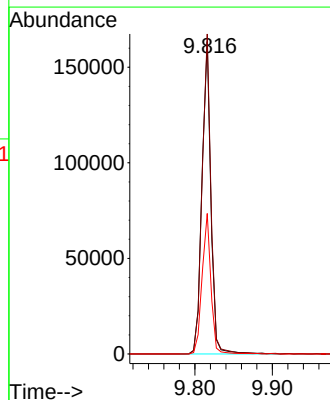
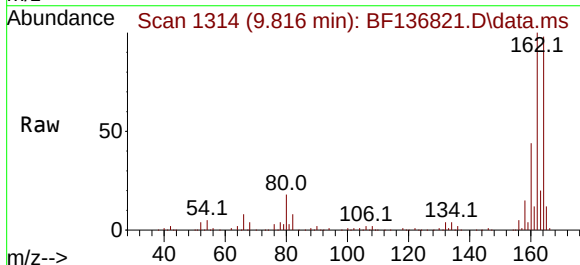
Instrument :
BNA_F
ClientSampleId :
WC-D-COMP

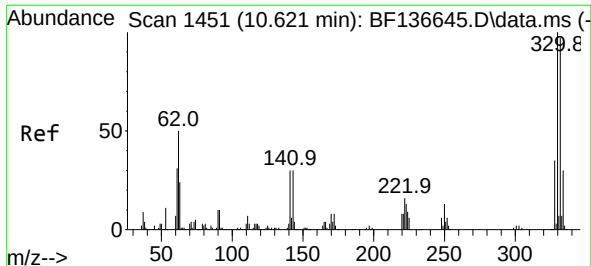
Tgt Ion: 82 Resp: 378856
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136821.D
Acq: 29 Dec 2023 11:04

Tgt Ion:164 Resp: 130341
Ion Ratio Lower Upper
164 100
162 102.4 81.6 122.4
160 44.9 34.9 52.3

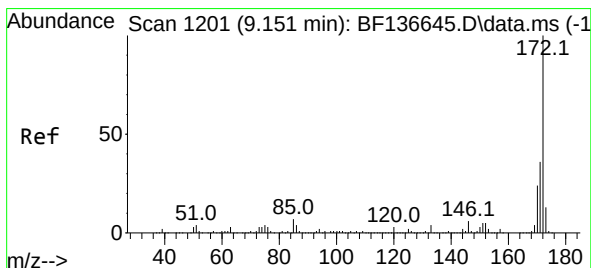
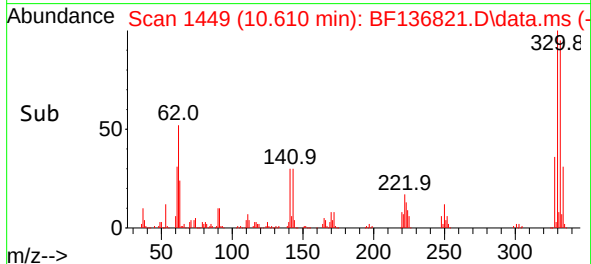
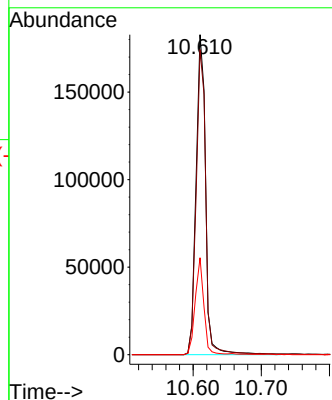
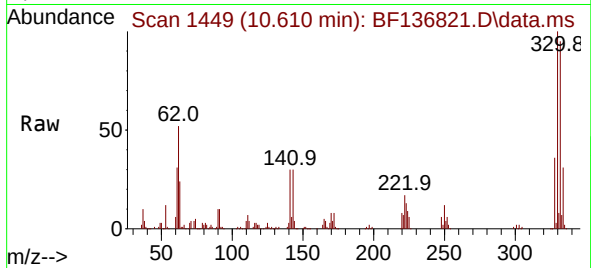




#42
2,4,6-Tribromophenol
Concen: 114.376 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF136821.D
Acq: 29 Dec 2023 11:04

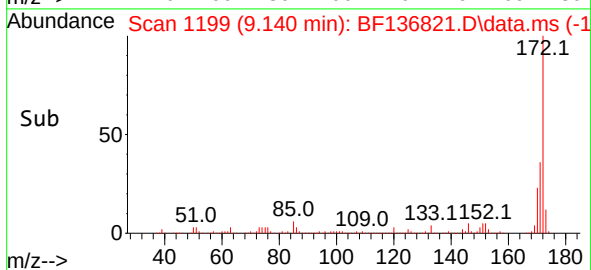
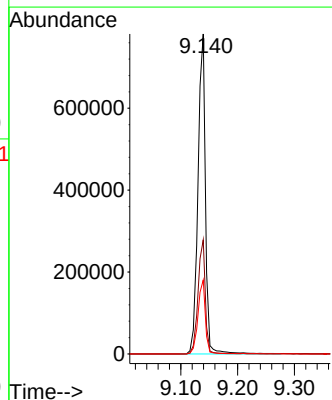
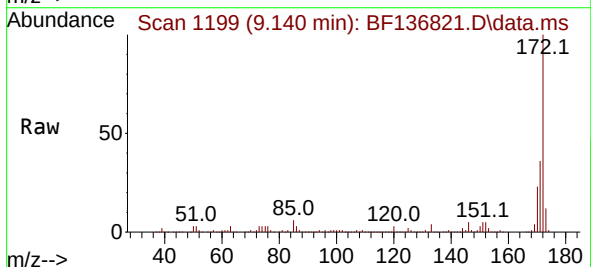
Instrument :
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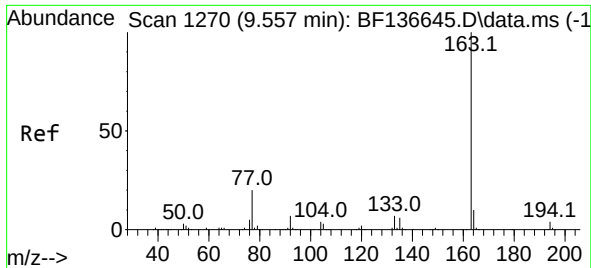
Tgt Ion: 330 Resp: 175574
Ion Ratio Lower Upper
330 100
332 95.3 77.4 116.0
141 27.9 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 74.669 ng
RT: 9.140 min Scan# 1199
Delta R.T. -0.011 min
Lab File: BF136821.D
Acq: 29 Dec 2023 11:04

Tgt Ion: 172 Resp: 723608
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.6
170 23.1 19.0 28.4

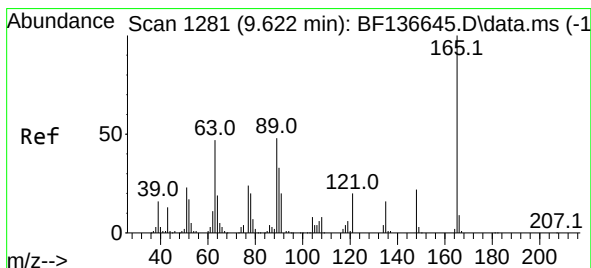
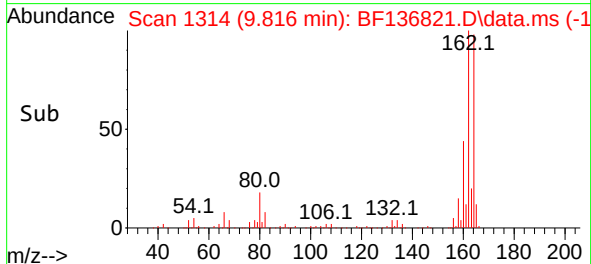
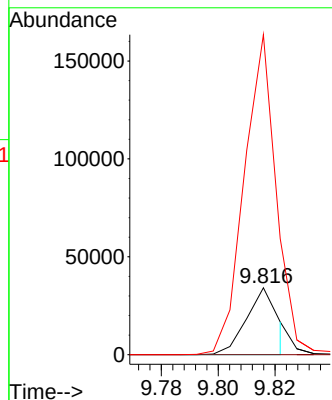
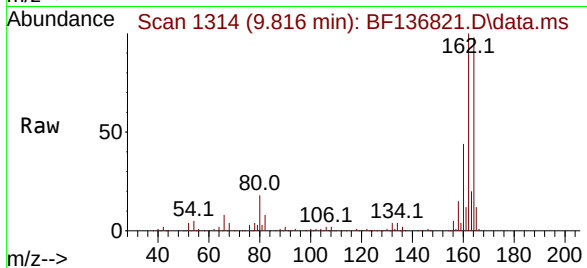




#50
Dimethylphthalate
Concen: 2.739 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136821.D
Acq: 29 Dec 2023 11:04

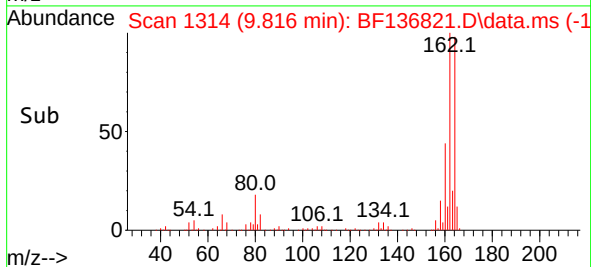
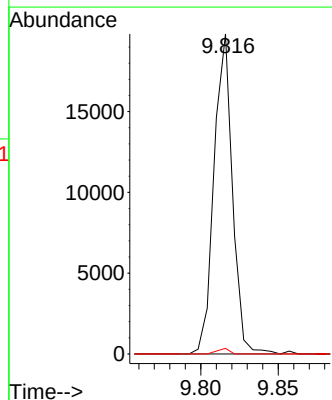
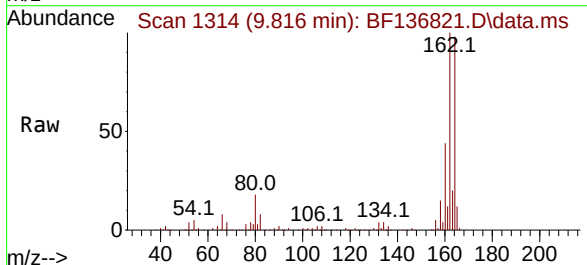
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BNA_F
ClientSampleId :
WC-D-COMP

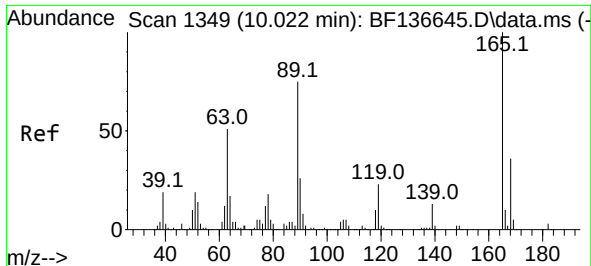
Tgt Ion:163 Resp: 26080
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 478.6 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.577 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136821.D
Acq: 29 Dec 2023 11:04

Tgt Ion:165 Resp: 16371
Ion Ratio Lower Upper
165 100
63 0.0 39.8 59.6#
89 1.8 38.8 58.2#

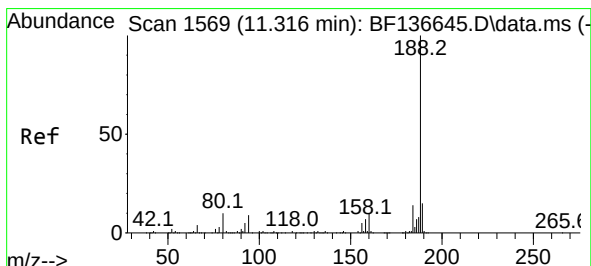
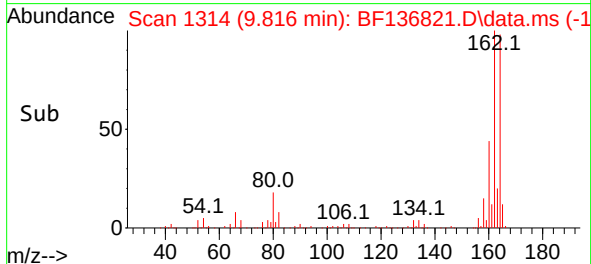
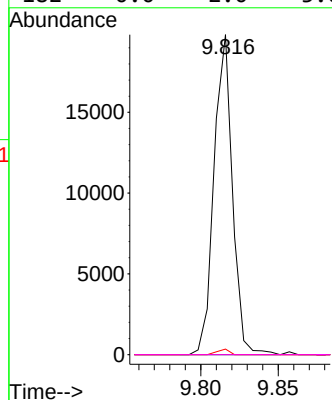
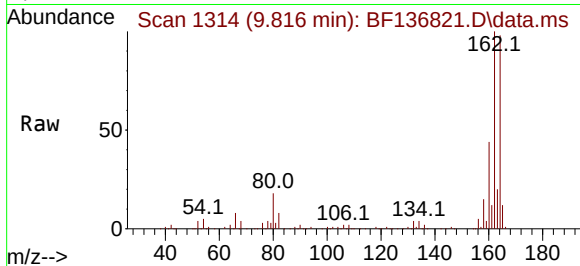




#57
2,4-Dinitrotoluene
Concen: 5.836 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136821.D
Acq: 29 Dec 2023 11:04

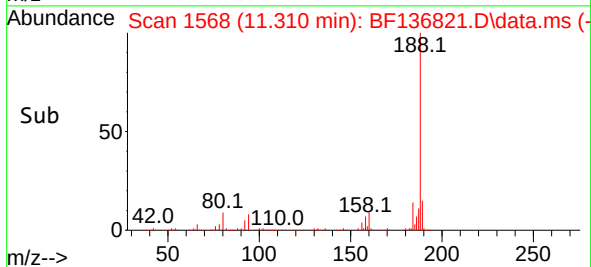
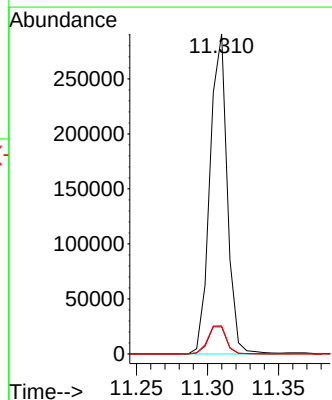
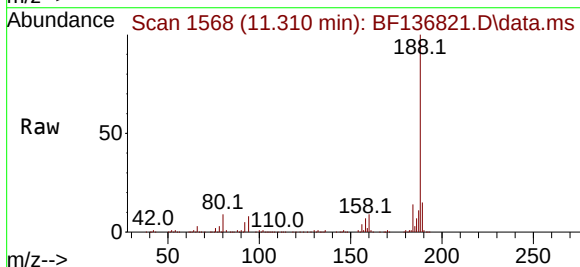
Instrument :
BNA_F
ClientSampleId :
WC-D-COMP

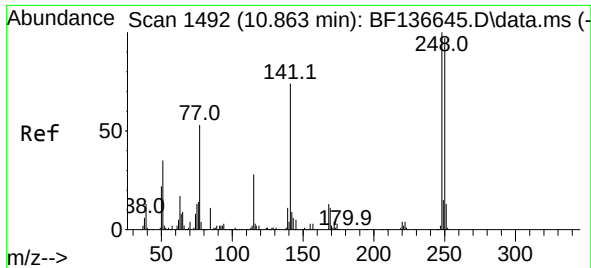
Tgt Ion:165 Resp: 16371
Ion Ratio Lower Upper
165 100
63 0.0 41.0 61.6#
89 1.8 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136821.D
Acq: 29 Dec 2023 11:04

Tgt Ion:188 Resp: 246892
Ion Ratio Lower Upper
188 100
94 8.4 7.5 11.3
80 8.8 8.1 12.1

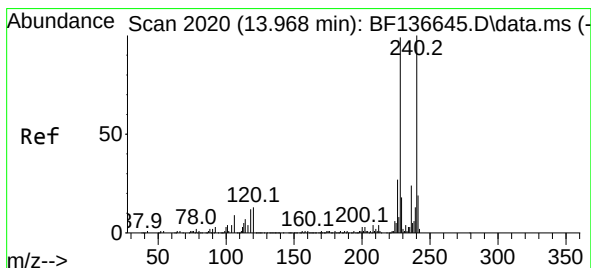
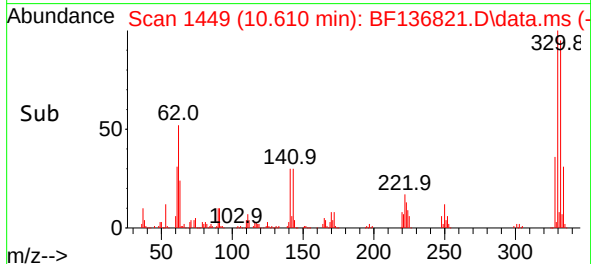
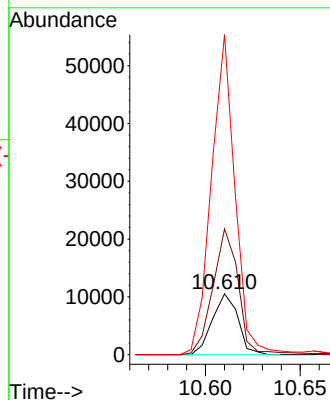
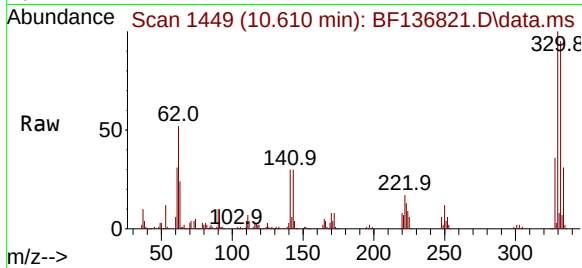




#67
4-Bromophenyl-phenylether
Concen: 3.614 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136821.D
Acq: 29 Dec 2023 11:04

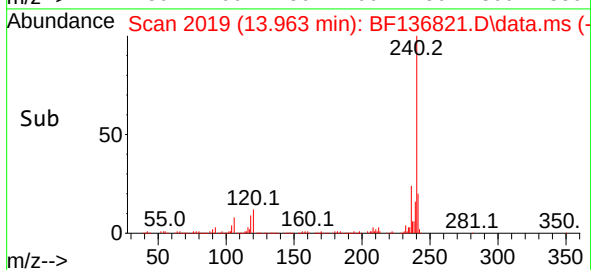
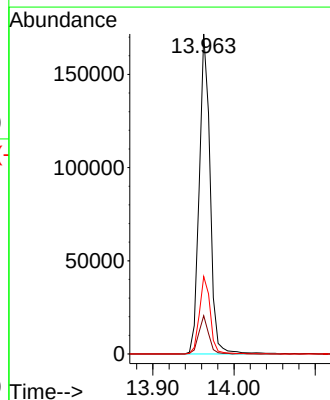
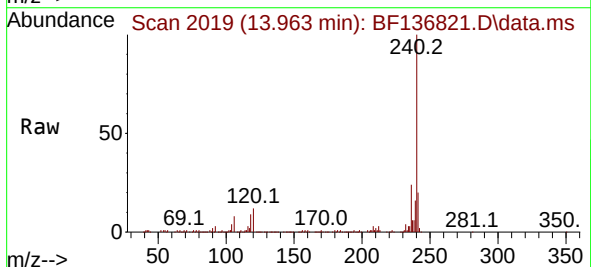
Instrument :
BNA_F
ClientSampleId :
WC-D-COMP

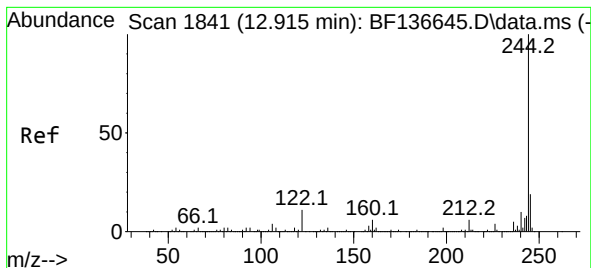
Tgt Ion:248 Resp: 9910
Ion Ratio Lower Upper
248 100
250 206.9 77.8 116.6#
141 526.3 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136821.D
Acq: 29 Dec 2023 11:04

Tgt Ion:240 Resp: 159576
Ion Ratio Lower Upper
240 100
120 11.9 10.3 15.5
236 24.2 19.4 29.2





#79

Terphenyl-d14

Concen: 68.457 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF136821.D

Acq: 29 Dec 2023 11:04

Instrument :

BNA_F

ClientSampleId :

WC-D-COMP

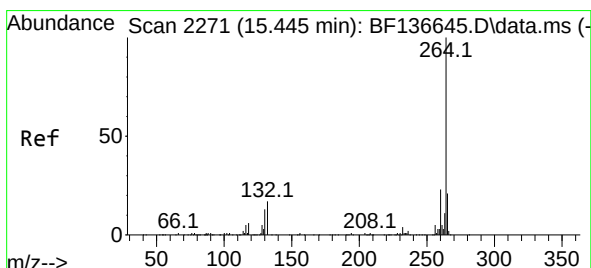
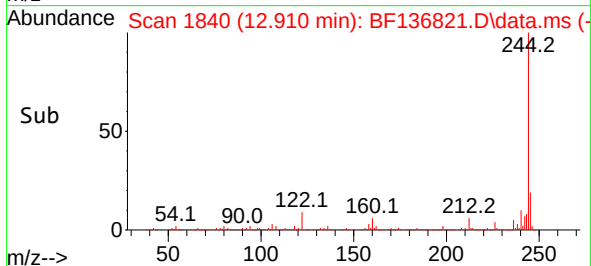
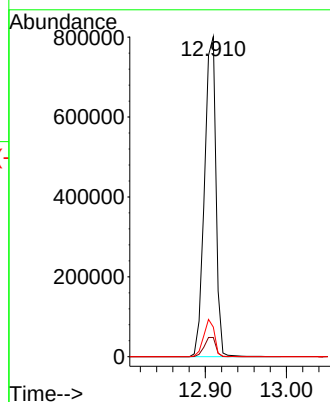
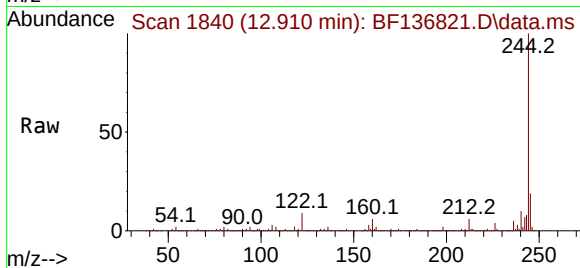
Tgt Ion:244 Resp: 781703

Ion Ratio Lower Upper

244 100

212 6.0 5.0 7.4

122 9.2 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF136821.D

Acq: 29 Dec 2023 11:04

Tgt Ion:264 Resp: 135471

Ion Ratio Lower Upper

264 100

260 24.2 18.3 27.5

265 21.0 17.0 25.6

