

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122123\
 Data File : BF136671.D
 Acq On : 21 Dec 2023 16:15
 Operator : CG\JU
 Sample : 05857-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-121423

Quant Time: Dec 21 17:29:42 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)

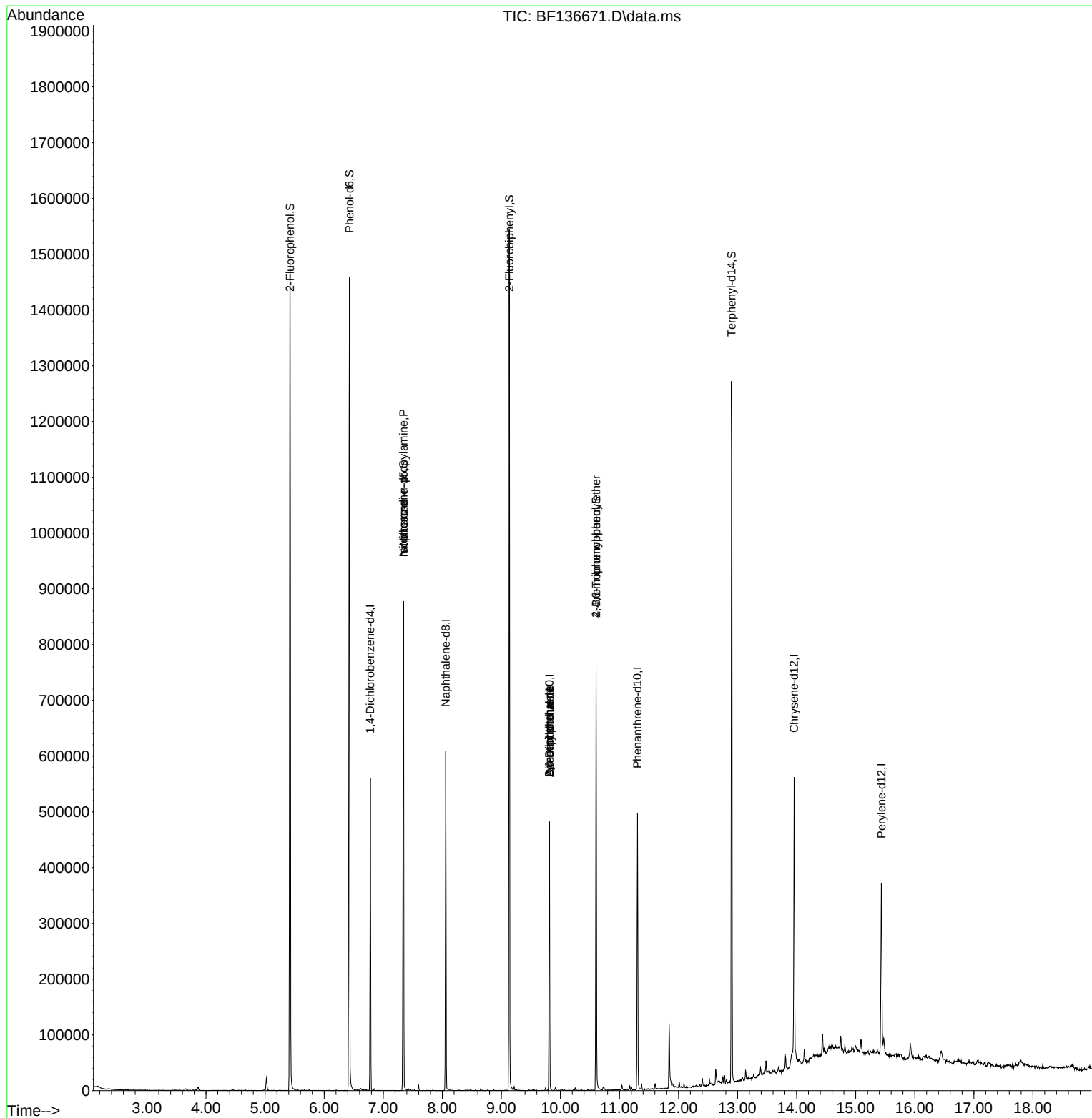
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	73591	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	240881	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	94339	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	171375	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	166801	20.000	ng	-0.01
86) Perylene-d12	15.433	264	140840	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	407821	86.467	ng	0.00
7) Phenol-d6	6.428	99	480101	78.558	ng	-0.01
23) Nitrobenzene-d5	7.345	82	286233	60.805	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	88683	79.819	ng	-0.02
45) 2-Fluorobiphenyl	9.134	172	442545	63.093	ng	-0.02
79) Terphenyl-d14	12.898	244	451302	37.810	ng	-0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	37310	10.071	ng	# 73
25) Isophorone	7.345	82	286230	33.416	ng	# 65
50) Dimethylphthalate	9.816	163	20720	3.007	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	12092	7.732	ng	# 29
57) 2,4-Dinitrotoluene	9.816	165	12092	5.956	ng	# 20
67) 4-Bromophenyl-phenylether	10.604	248	5268	2.768	ng	# 1

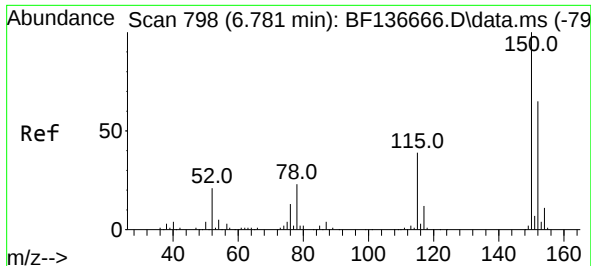
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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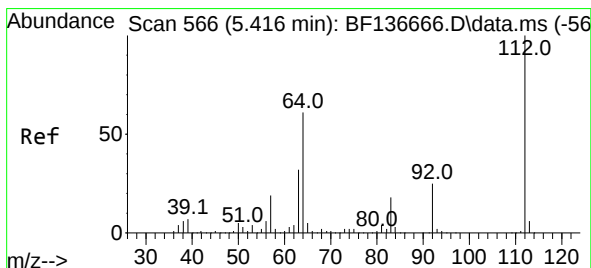
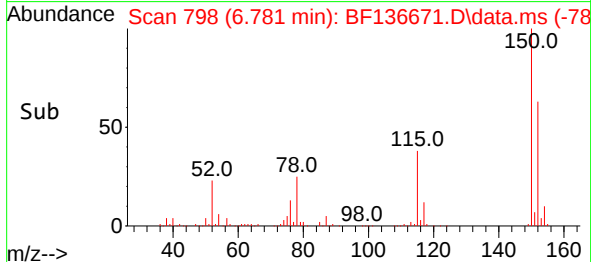
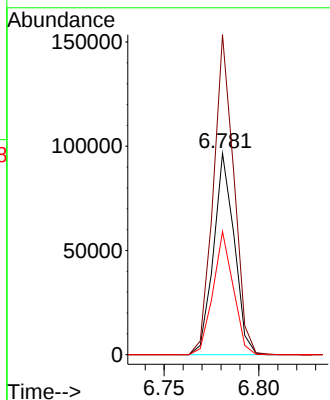
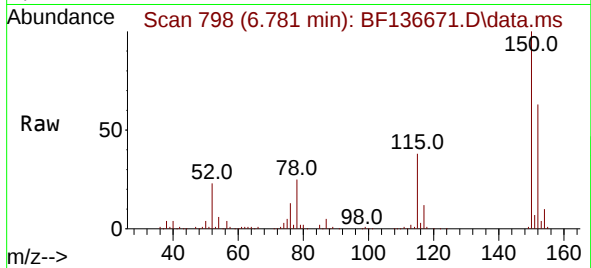




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF136671.D
Acq: 21 Dec 2023 16:15

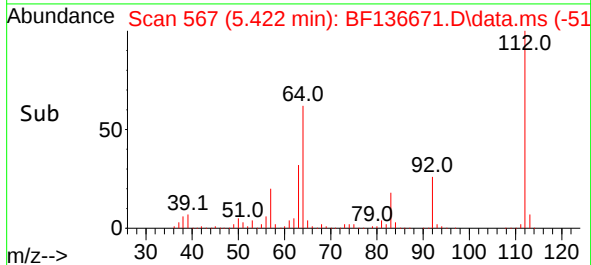
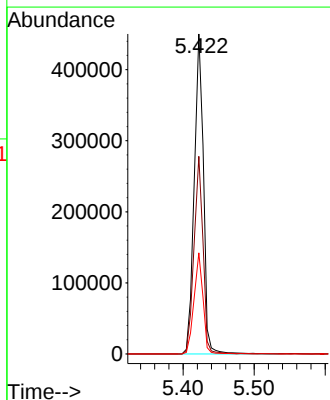
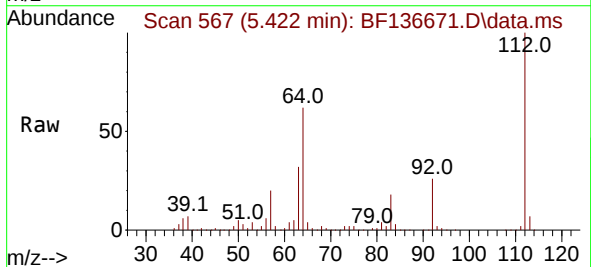
Instrument :
BNA_F
ClientSampleId :
WC-121423

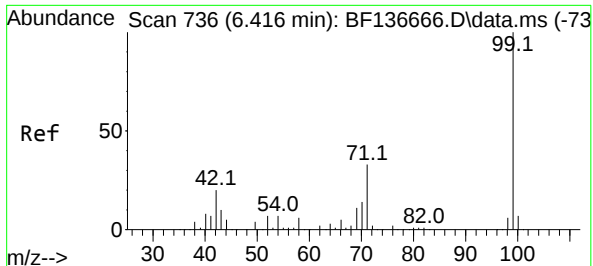
Tgt Ion:152 Resp: 73591
Ion Ratio Lower Upper
152 100
150 158.8 127.0 190.6
115 61.1 49.0 73.4



#5
2-Fluorophenol
Concen: 86.467 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136671.D
Acq: 21 Dec 2023 16:15

Tgt Ion:112 Resp: 407821
Ion Ratio Lower Upper
112 100
64 61.7 51.1 76.7
63 31.6 26.1 39.1

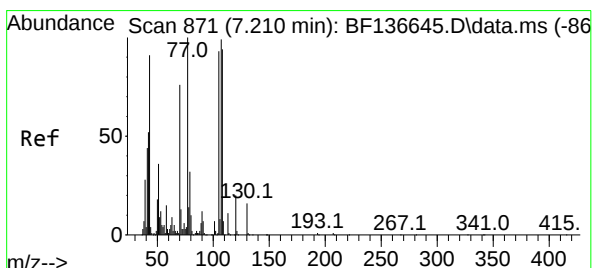
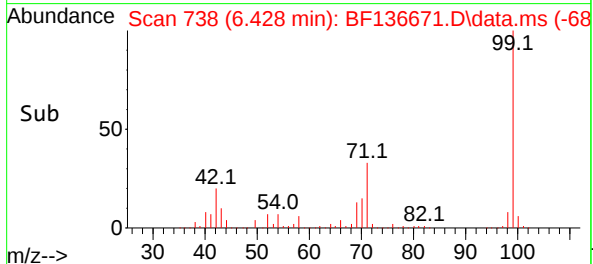
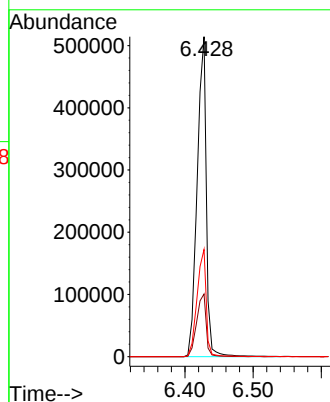
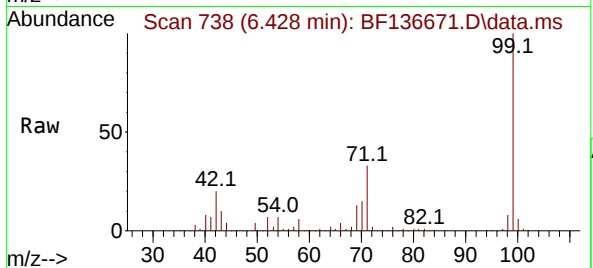




#7
Phenol-d6
Concen: 78.558 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136671.D
Acq: 21 Dec 2023 16:15

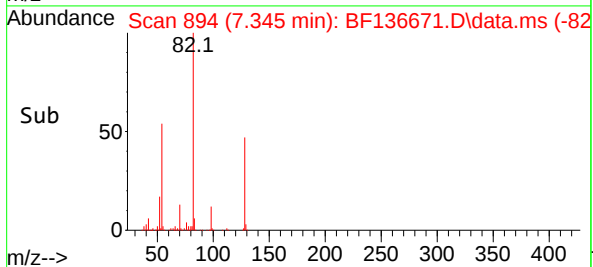
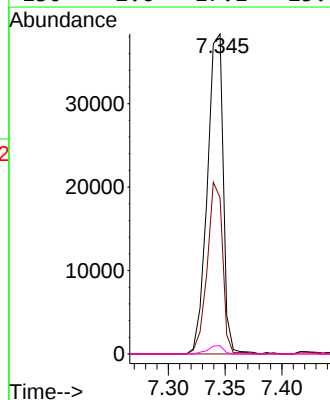
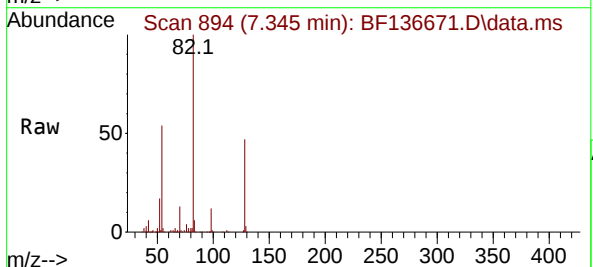
Instrument :
BNA_F
ClientSampleId :
WC-121423

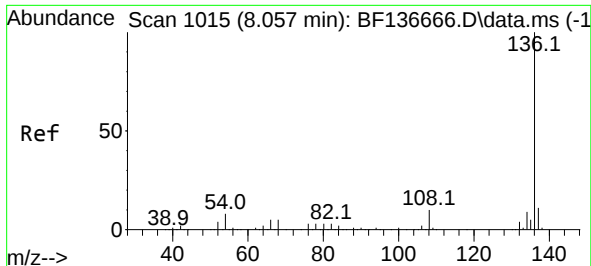
Tgt Ion: 99 Resp: 480101
Ion Ratio Lower Upper
99 100
42 19.6 16.1 24.1
71 33.5 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 10.071 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136671.D
Acq: 21 Dec 2023 16:15

Tgt Ion: 70 Resp: 37310
Ion Ratio Lower Upper
70 100
42 48.9 54.2 81.4#
101 0.0 7.6 11.4#
130 2.6 17.1 25.7#

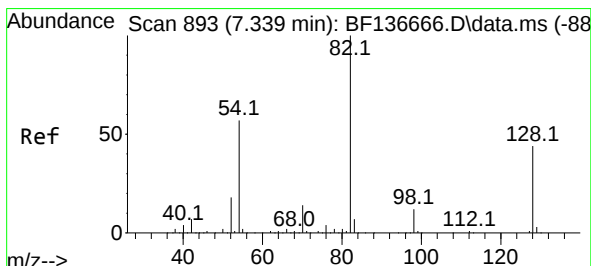
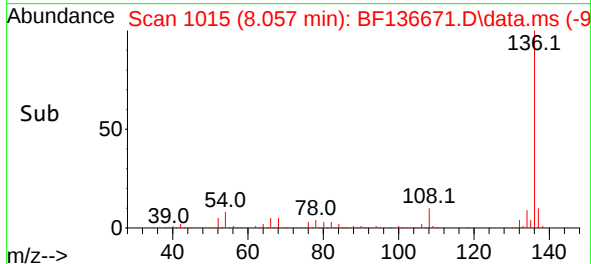
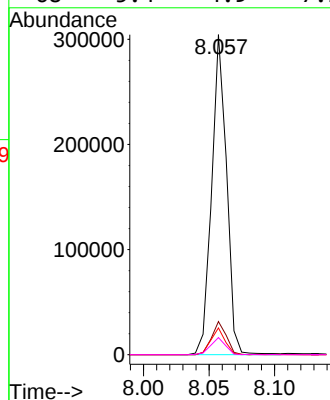
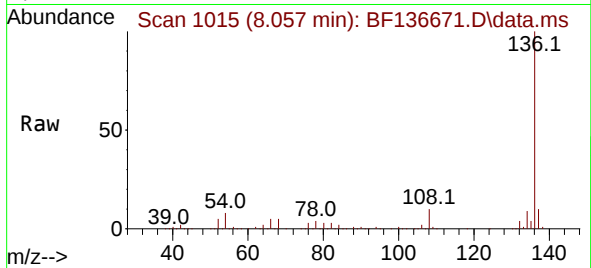




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136671.D
Acq: 21 Dec 2023 16:15

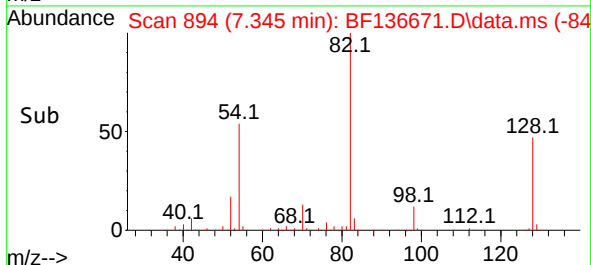
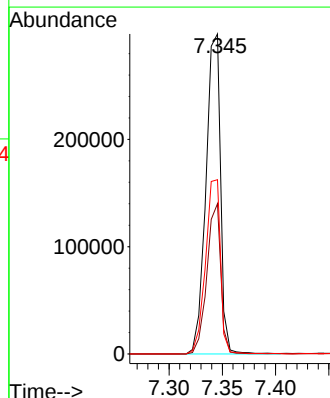
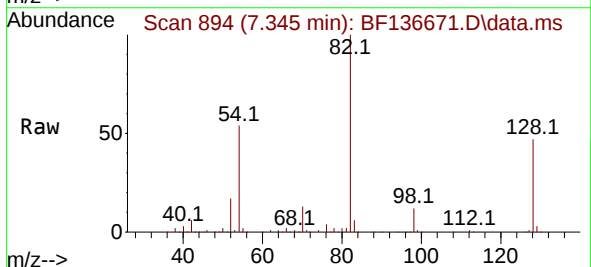
Instrument :
BNA_F
ClientSampleId :
WC-121423

Tgt Ion:136	Resp: 240881
Ion Ratio	Lower Upper
136 100	
137 10.4	9.0 13.4
54 8.4	7.2 10.8
68 5.4	4.9 7.3



#23
Nitrobenzene-d5
Concen: 60.805 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136671.D
Acq: 21 Dec 2023 16:15

Tgt Ion: 82	Resp: 286233
Ion Ratio	Lower Upper
82 100	
128 46.9	35.3 52.9
54 54.5	44.5 66.7

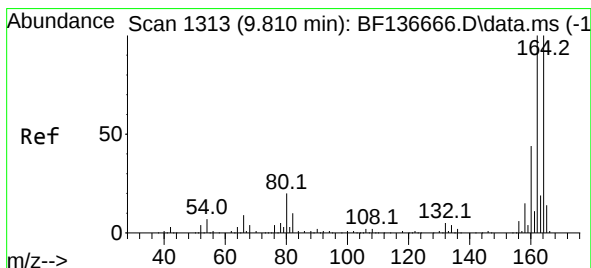
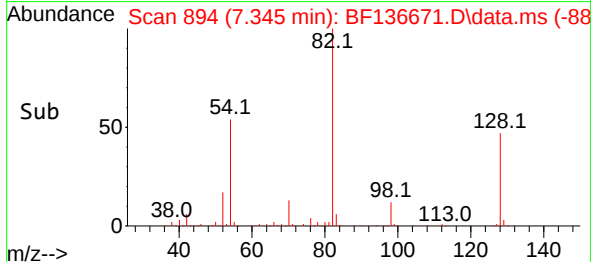
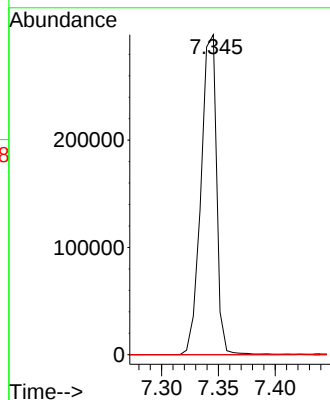
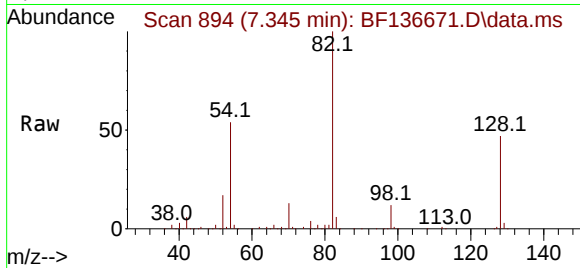




#25
Isophorone
Concen: 33.416 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF136671.D
Acq: 21 Dec 2023 16:15

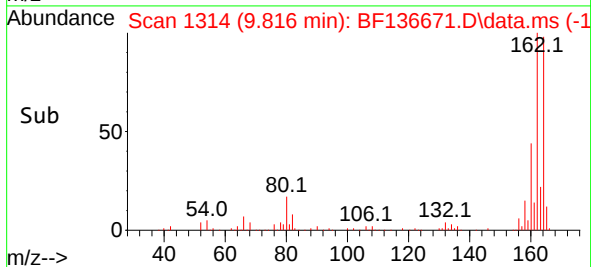
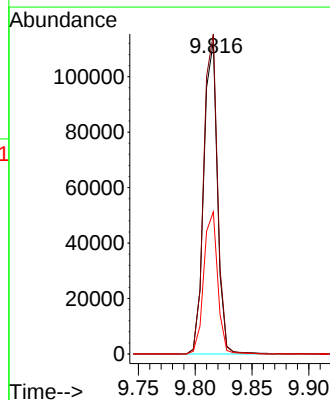
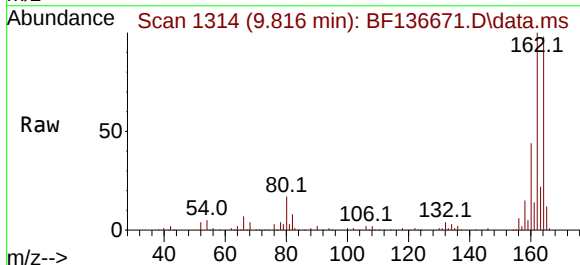
Instrument :
BNA_F
ClientSampleId :
WC-121423

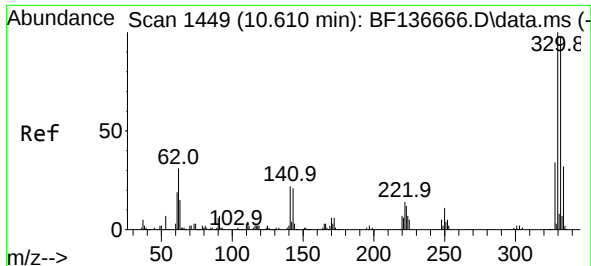
Tgt Ion: 82 Resp: 286230
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136671.D
Acq: 21 Dec 2023 16:15

Tgt Ion: 164 Resp: 94339
Ion Ratio Lower Upper
164 100
162 102.5 81.6 122.4
160 45.5 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 79.819 ng

RT: 10.604 min Scan# 1449

Delta R.T. -0.017 min

Lab File: BF136671.D

Acq: 21 Dec 2023 16:15

Instrument :

BNA_F

ClientSampleId :

WC-121423

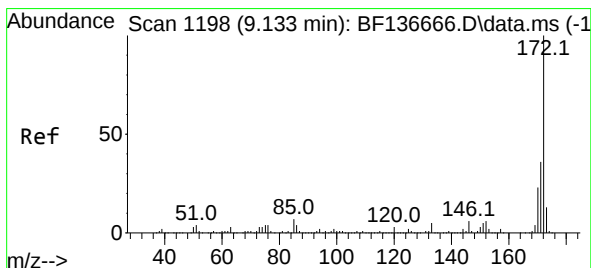
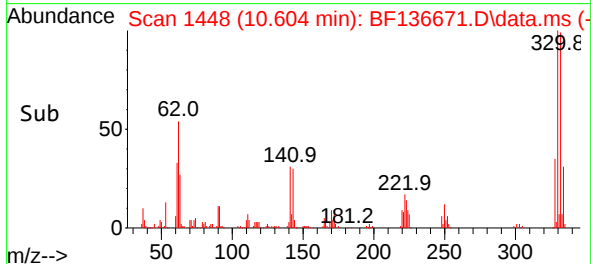
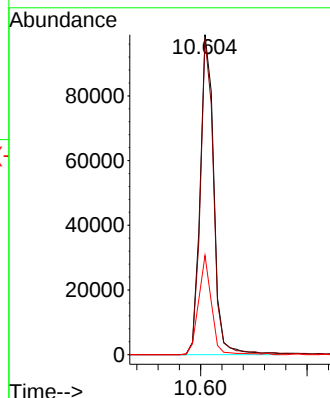
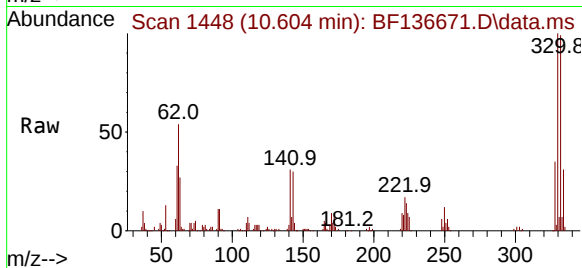
Tgt Ion:330 Resp: 88683

Ion Ratio Lower Upper

330 100

332 95.7 77.4 116.0

141 29.4 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 63.093 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.017 min

Lab File: BF136671.D

Acq: 21 Dec 2023 16:15

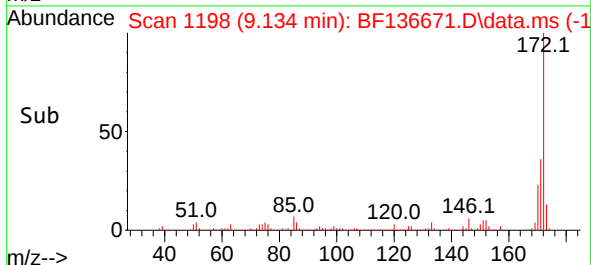
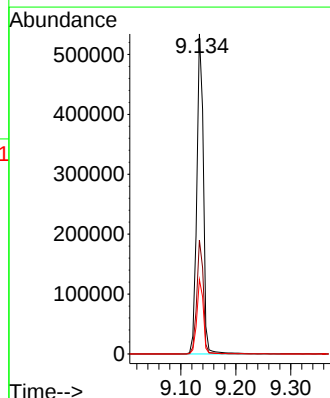
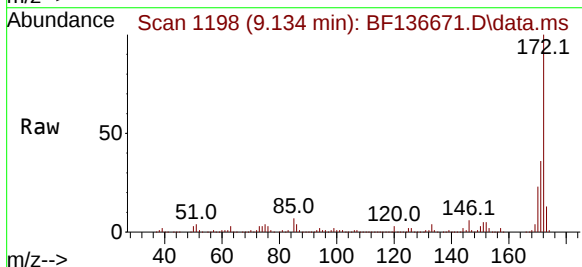
Tgt Ion:172 Resp: 442545

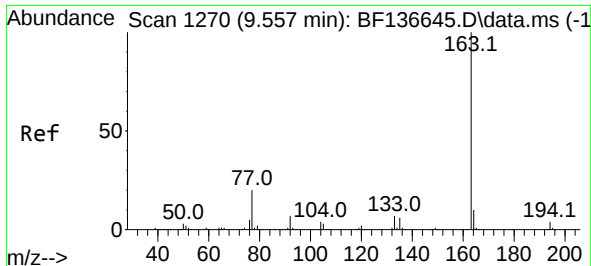
Ion Ratio Lower Upper

172 100

171 35.6 29.0 43.6

170 23.2 19.0 28.4

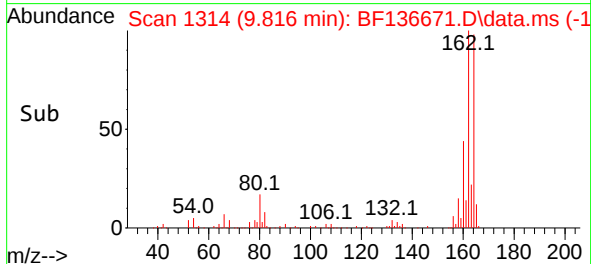
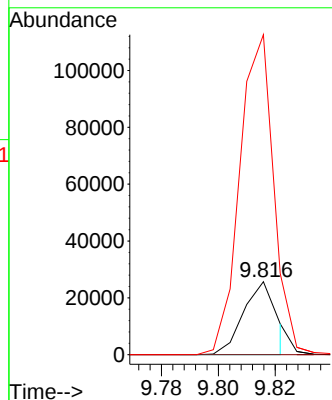
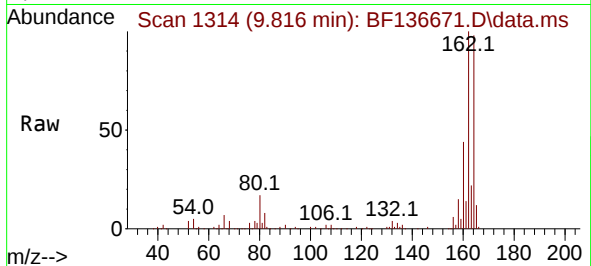




#50
Dimethylphthalate
Concen: 3.007 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF136671.D
Acq: 21 Dec 2023 16:15

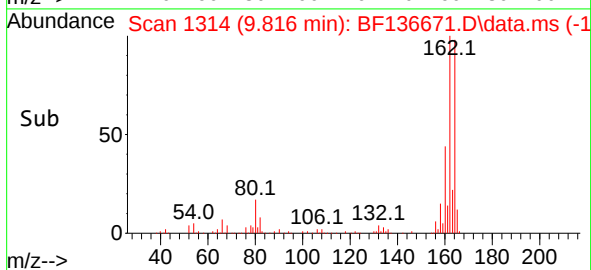
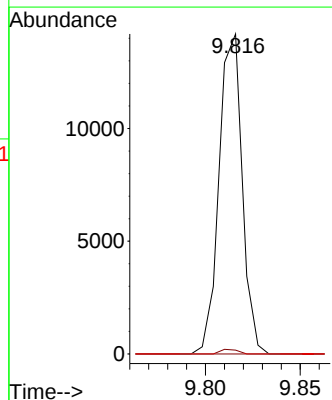
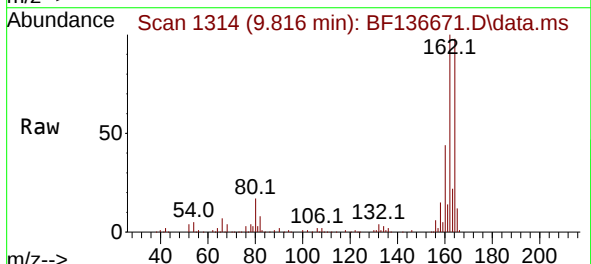
Instrument :
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Tgt Ion:163 Resp: 20720
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 438.7 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.732 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136671.D
Acq: 21 Dec 2023 16:15

Tgt Ion:165 Resp: 12092
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 0.0 38.8 58.2#

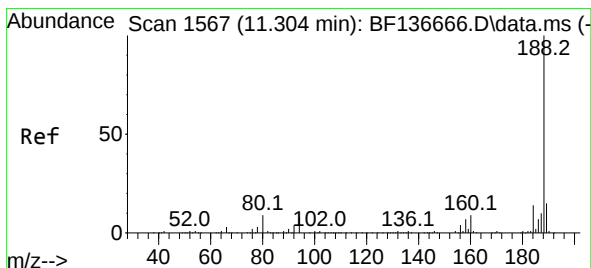
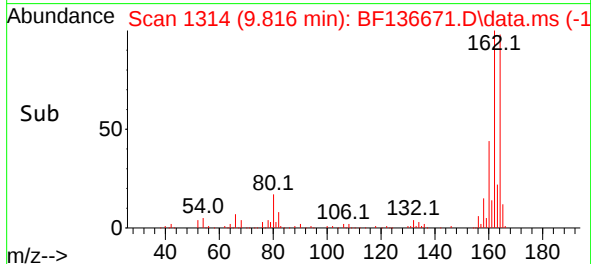
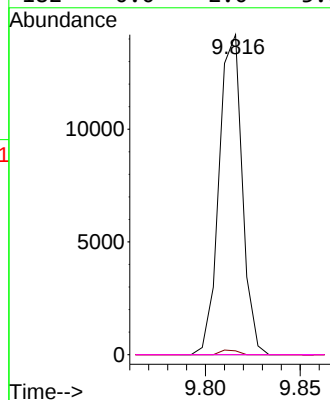
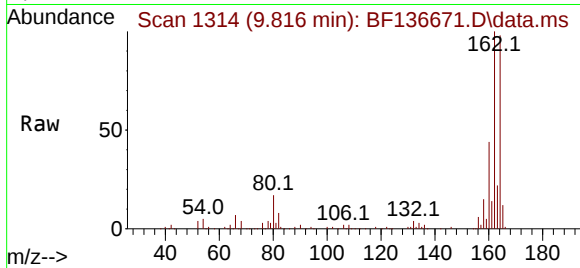




#57
2,4-Dinitrotoluene
Concen: 5.956 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136671.D
Acq: 21 Dec 2023 16:15

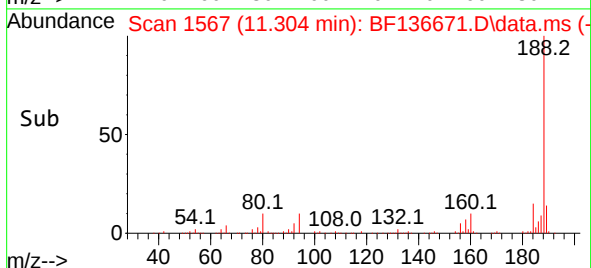
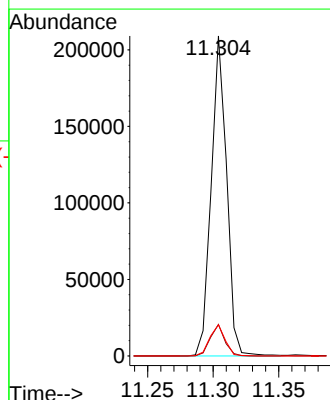
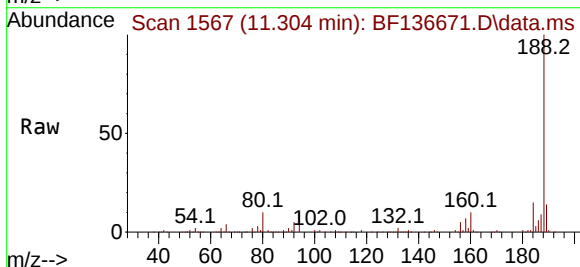
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BNA_F
ClientSampleId :
WC-121423

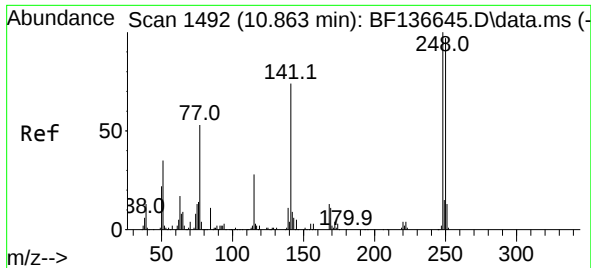
Tgt Ion:165 Resp: 12092
Ion Ratio Lower Upper
165 100
63 1.2 41.0 61.6#
89 0.0 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF136671.D
Acq: 21 Dec 2023 16:15

Tgt Ion:188 Resp: 171375
Ion Ratio Lower Upper
188 100
94 9.9 7.5 11.3
80 9.7 8.1 12.1

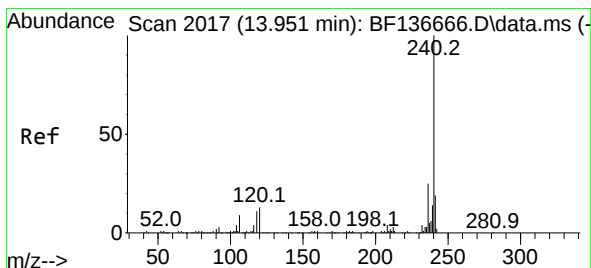
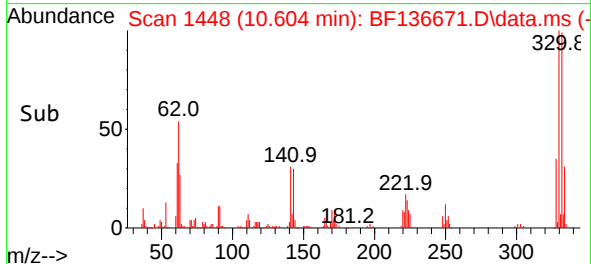
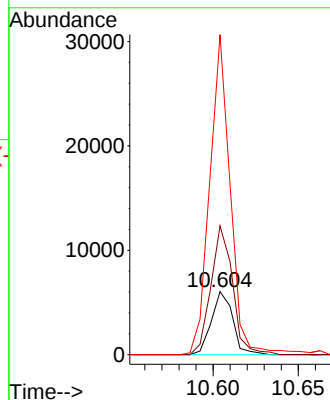
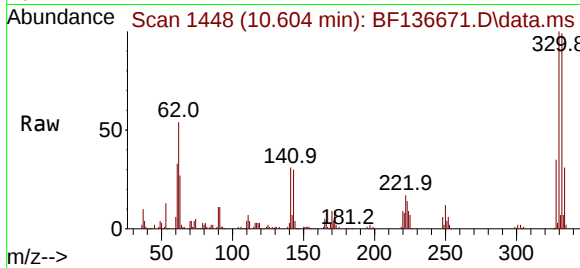




#67
4-Bromophenyl-phenylether
Concen: 2.768 ng
RT: 10.604 min Scan# 1492
Delta R.T. -0.259 min
Lab File: BF136671.D
Acq: 21 Dec 2023 16:15

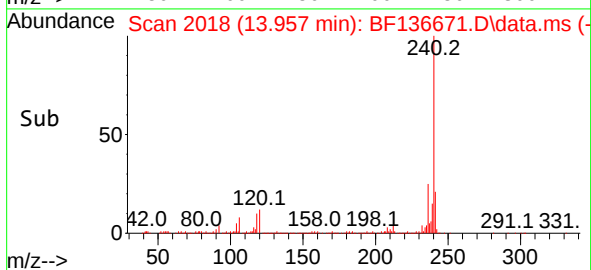
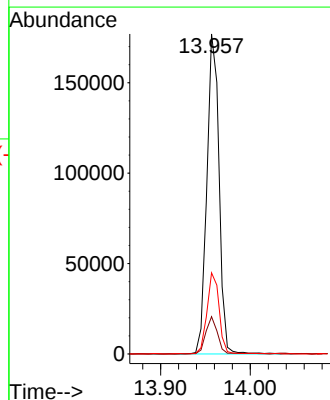
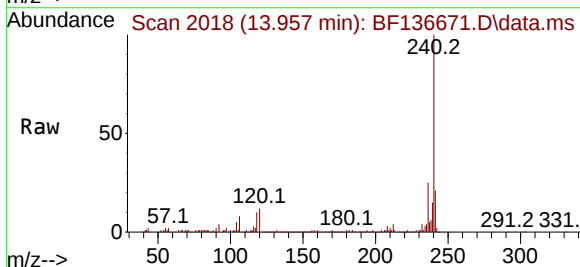
Instrument :
BNA_F
ClientSampleId :
WC-121423

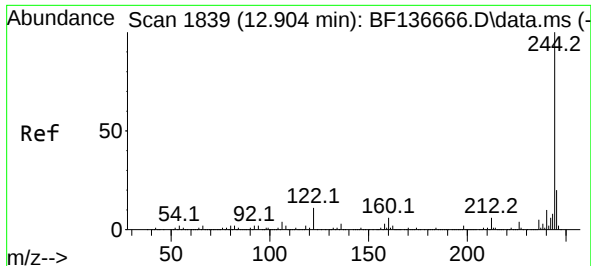
Tgt Ion:248 Resp: 5268
Ion Ratio Lower Upper
248 100
250 204.4 77.8 116.6#
141 507.5 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF136671.D
Acq: 21 Dec 2023 16:15

Tgt Ion:240 Resp: 166801
Ion Ratio Lower Upper
240 100
120 11.7 10.3 15.5
236 25.3 19.4 29.2

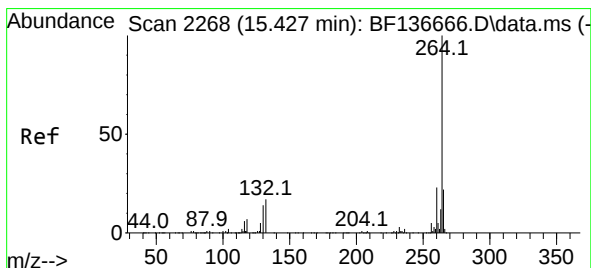
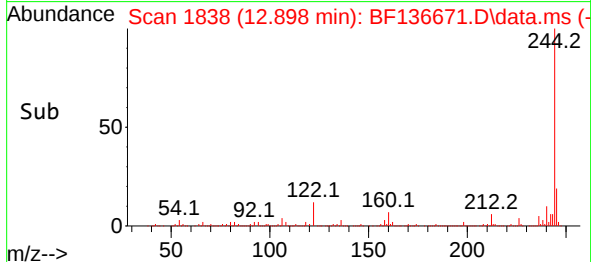
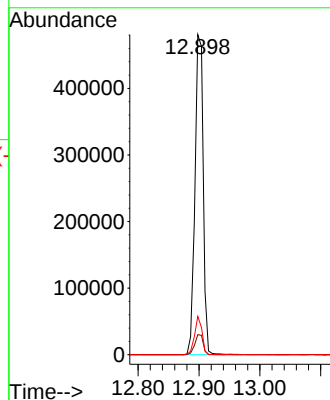
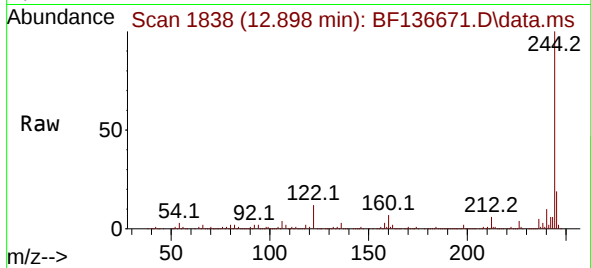




#79
 Terphenyl-d14
 Concen: 37.810 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.017 min
 Lab File: BF136671.D
 Acq: 21 Dec 2023 16:15

Instrument :
 BNA_F
 ClientSampleId :
 WC-121423

Tgt Ion:244 Resp: 451302
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 11.9 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. -0.012 min
 Lab File: BF136671.D
 Acq: 21 Dec 2023 16:15

Tgt Ion:264 Resp: 140840
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.3 27.5
 265 20.5 17.0 25.6

