

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136733.D
 Acq On : 26 Dec 2023 22:36
 Operator : CG\JU
 Sample : 05978-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N41547

Quant Time: Dec 27 04:00:17 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)

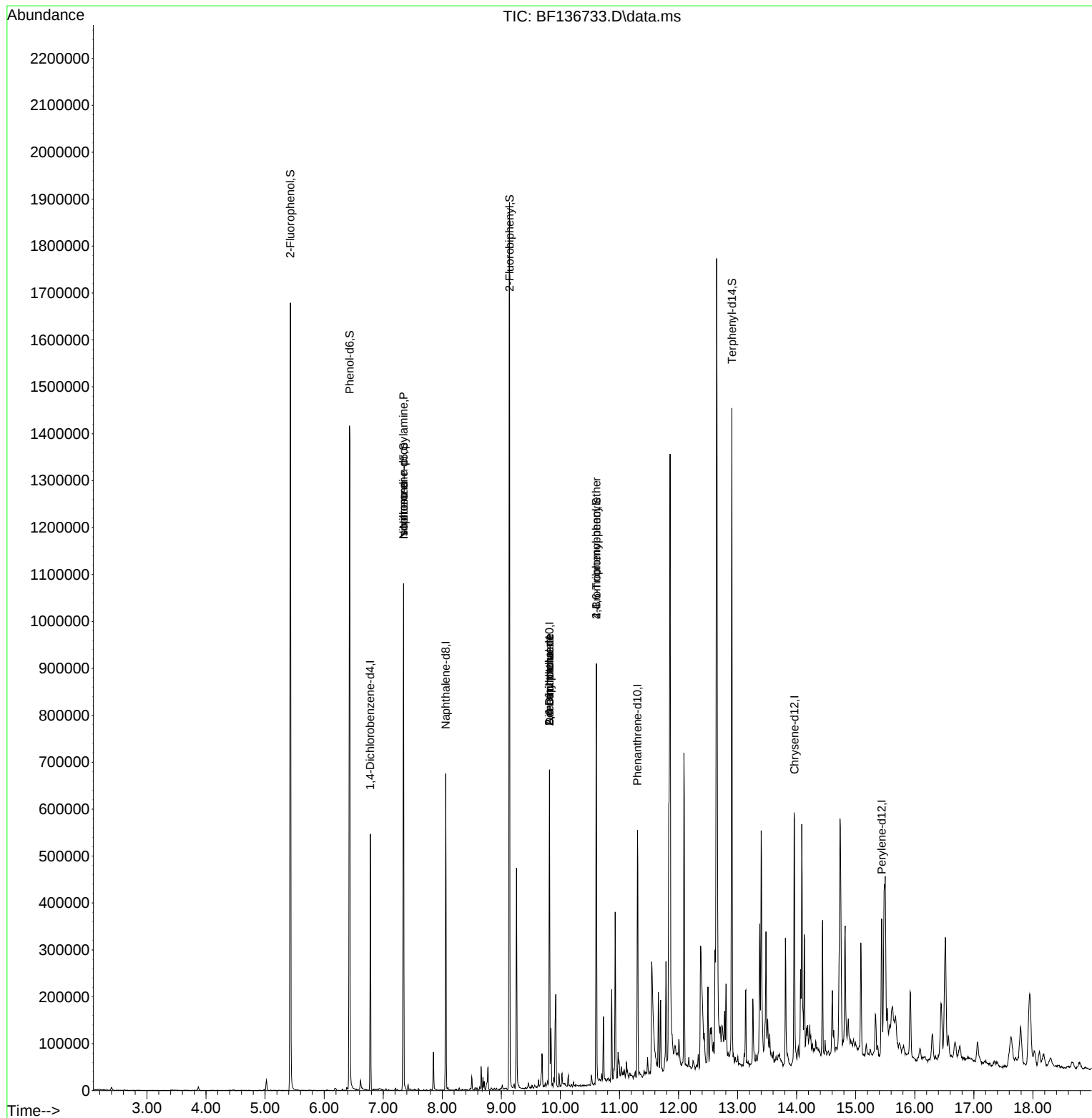
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	73885	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	274163	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	123256	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	191972	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	147423	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	131270	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	429609	90.724	ng	0.00
7) Phenol-d6	6.434	99	528862	86.192	ng	0.00
23) Nitrobenzene-d5	7.345	82	323588	60.396	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	109529	75.453	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	619370	67.586	ng	-0.01
79) Terphenyl-d14	12.904	244	469854	44.539	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	41618	11.189	ng	# 75
25) Isophorone	7.345	82	323584	33.191	ng	# 65
50) Dimethylphthalate	9.816	163	25540	2.837	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	16169	7.913	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	16169	6.096	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	6860	3.218	ng	# 1

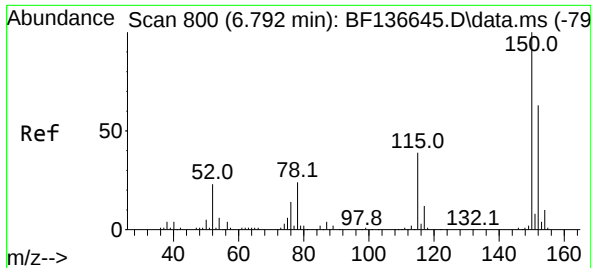
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136733.D
Acq On : 26 Dec 2023 22:36
Operator : CG\JU
Sample : 05978-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
N41547

Quant Time: Dec 27 04:00:17 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

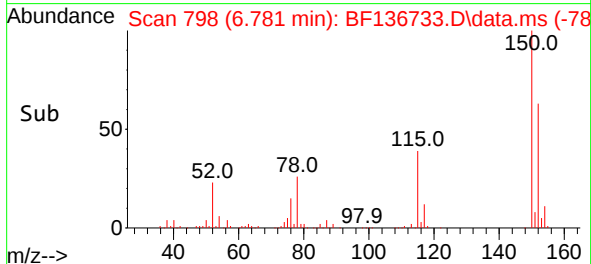
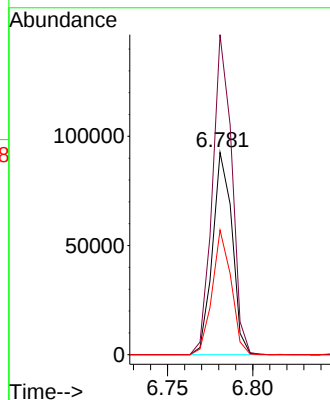
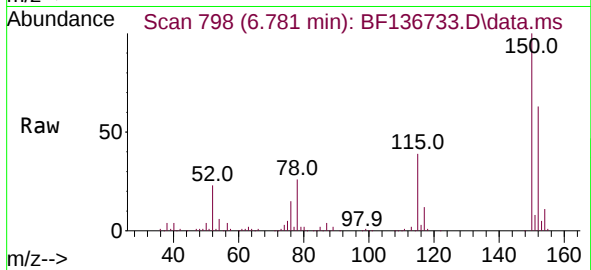




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 798
 Delta R.T. -0.011 min
 Lab File: BF136733.D
 Acq: 26 Dec 2023 22:36

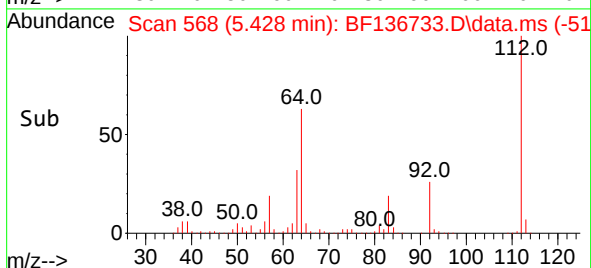
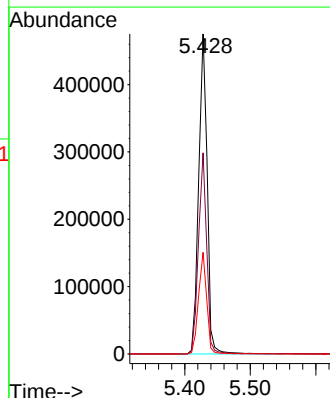
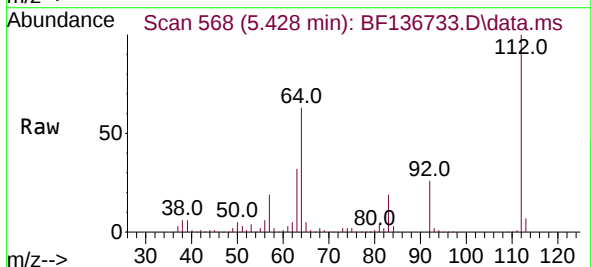
Instrument :
 BNA_F
 ClientSampleId :
 N41547

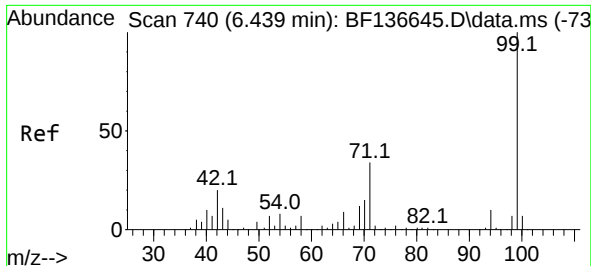
Tgt Ion:152 Resp: 73885
 Ion Ratio Lower Upper
 152 100
 150 158.2 127.0 190.6
 115 61.6 49.0 73.4



#5
 2-Fluorophenol
 Concen: 90.724 ng
 RT: 5.428 min Scan# 568
 Delta R.T. 0.000 min
 Lab File: BF136733.D
 Acq: 26 Dec 2023 22:36

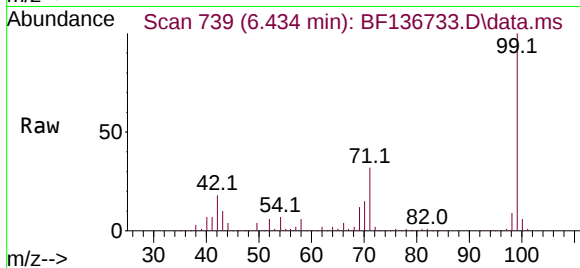
Tgt Ion:112 Resp: 429609
 Ion Ratio Lower Upper
 112 100
 64 62.9 51.1 76.7
 63 31.8 26.1 39.1



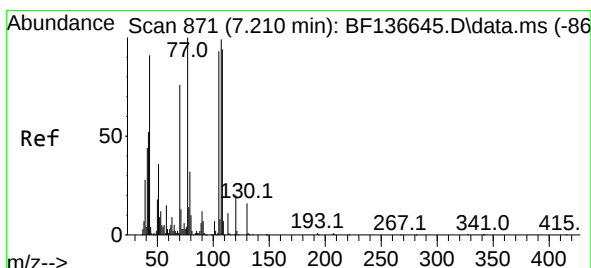
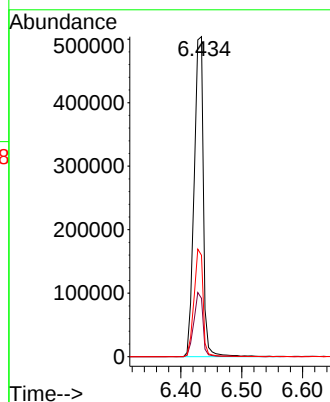
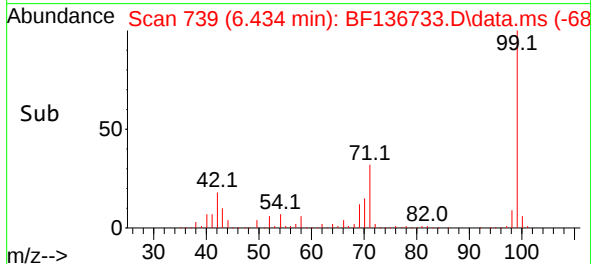


#7
Phenol-d6
Concen: 86.192 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136733.D
Acq: 26 Dec 2023 22:36

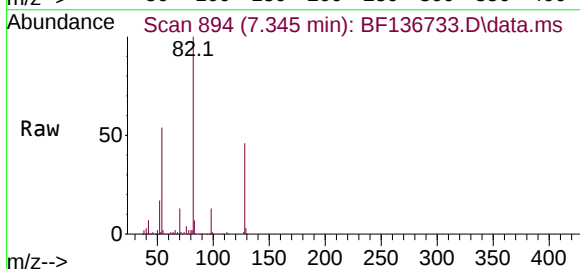
Instrument :
BNA_F
ClientSampleId :
N41547



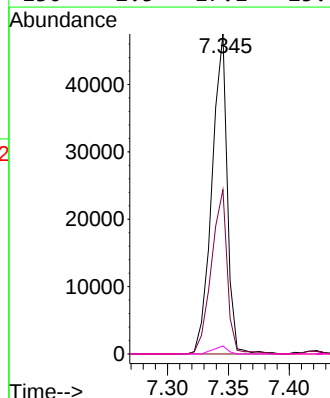
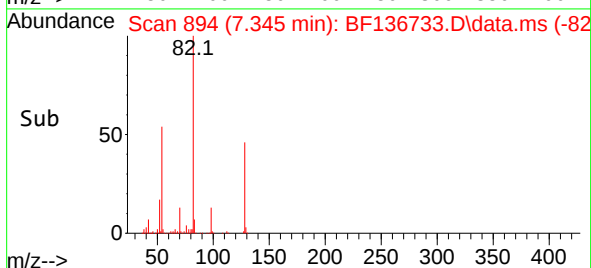
Tgt Ion: 99 Resp: 528862
Ion Ratio Lower Upper
99 100
42 18.3 16.1 24.1
71 31.7 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.189 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136733.D
Acq: 26 Dec 2023 22:36



Tgt Ion: 70 Resp: 41618
Ion Ratio Lower Upper
70 100
42 51.3 54.2 81.4#
101 0.0 7.6 11.4#
130 2.5 17.1 25.7#



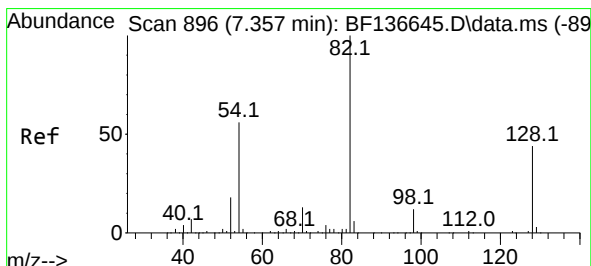
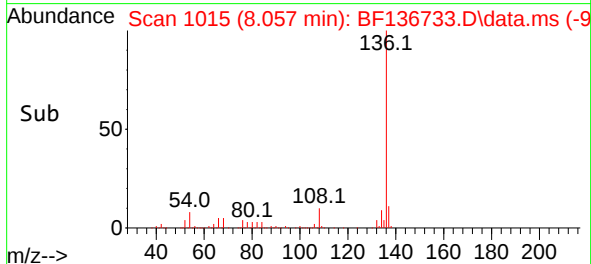
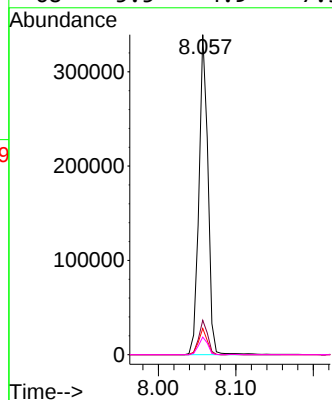
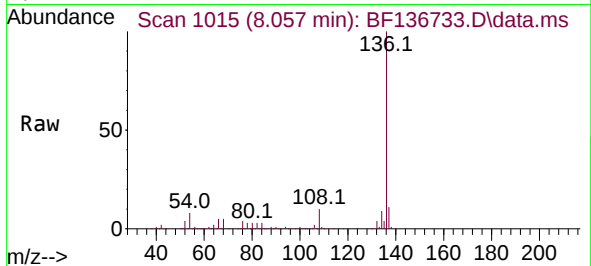


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136733.D
Acq: 26 Dec 2023 22:36

Instrument :
BNA_F
ClientSampleId :
N41547

Tgt Ion:136 Resp: 274163

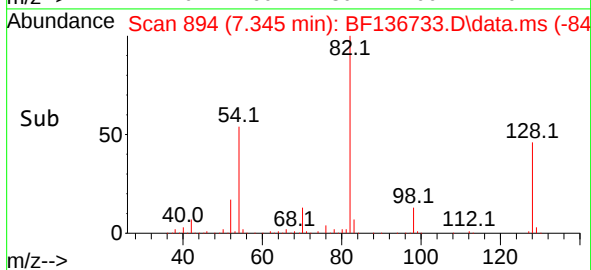
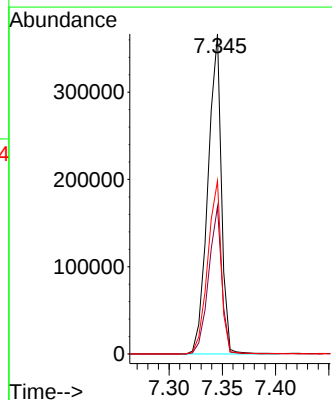
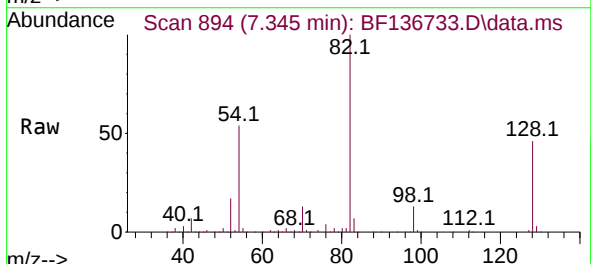
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	8.2	7.2	10.8
68	5.5	4.9	7.3



#23
Nitrobenzene-d5
Concen: 60.396 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136733.D
Acq: 26 Dec 2023 22:36

Tgt Ion: 82 Resp: 323588

Ion	Ratio	Lower	Upper
82	100		
128	46.1	35.3	52.9
54	54.1	44.5	66.7

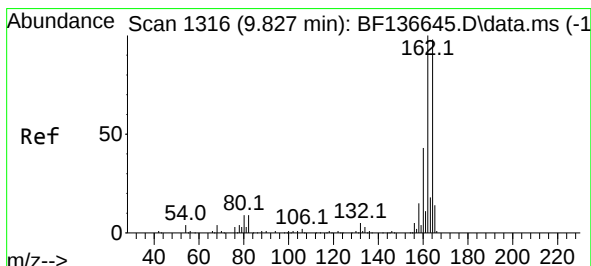
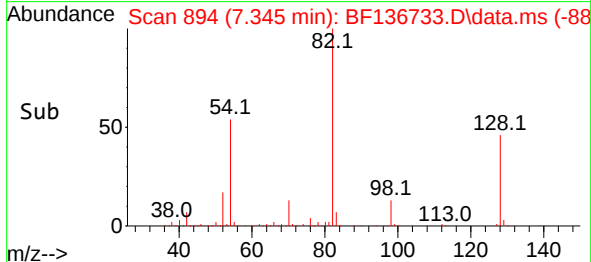
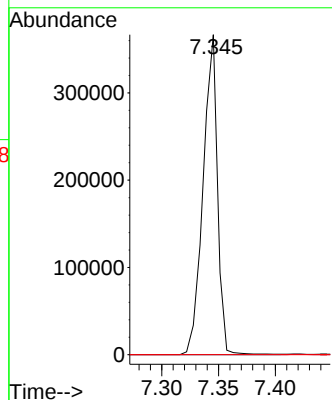
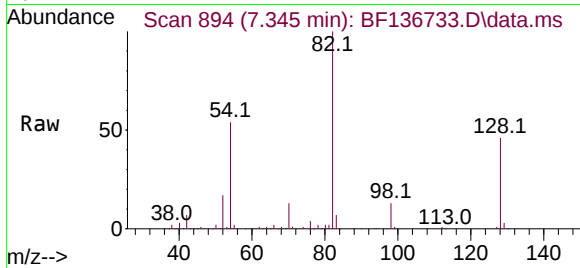




#25
Isophorone
Concen: 33.191 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF136733.D
Acq: 26 Dec 2023 22:36

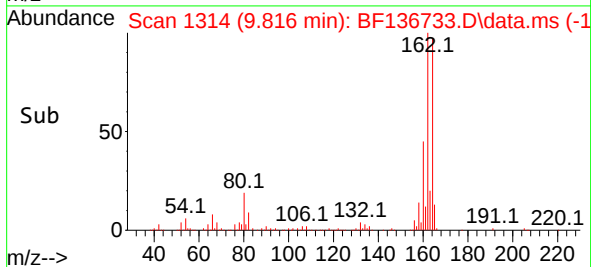
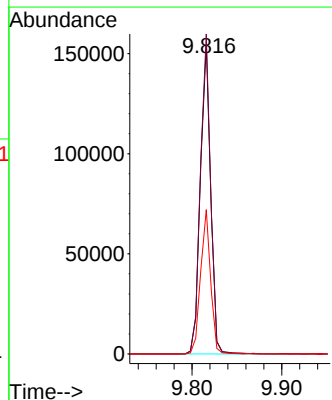
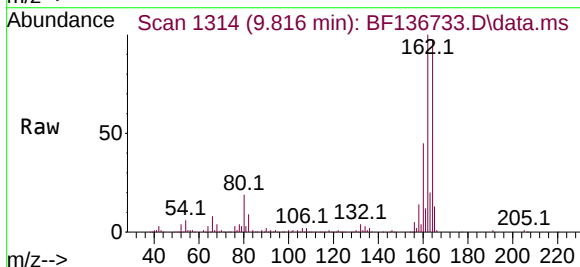
Instrument :
BNA_F
ClientSampleId :
N41547

Tgt Ion: 82 Resp: 323584
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: BF136733.D
Acq: 26 Dec 2023 22:36

Tgt Ion: 164 Resp: 123256
Ion Ratio Lower Upper
164 100
162 103.5 81.6 122.4
160 46.7 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 75.453 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136733.D

Acq: 26 Dec 2023 22:36

Instrument :

BNA_F

ClientSampleId :

N41547

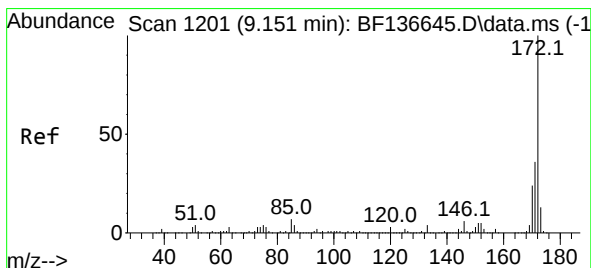
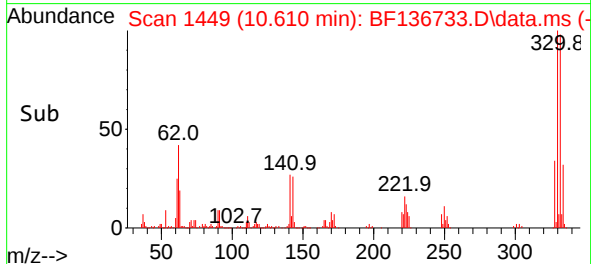
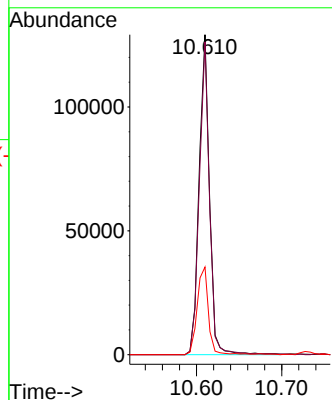
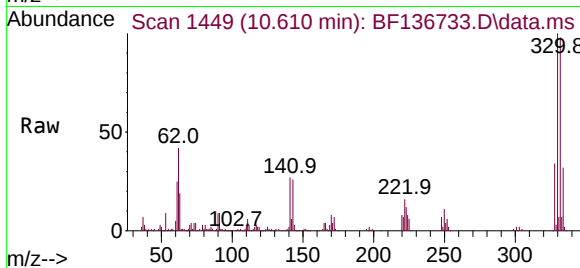
Tgt Ion:330 Resp: 109529

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.0

141 29.5 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 67.586 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136733.D

Acq: 26 Dec 2023 22:36

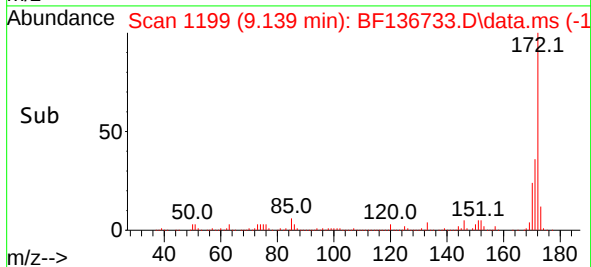
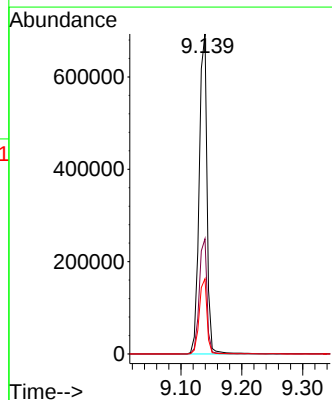
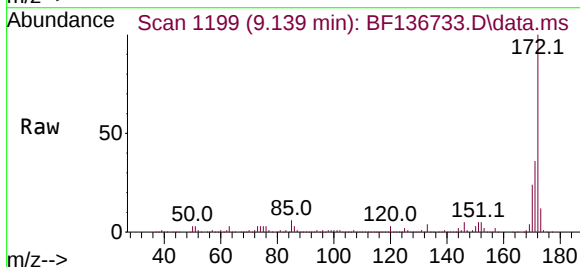
Tgt Ion:172 Resp: 619370

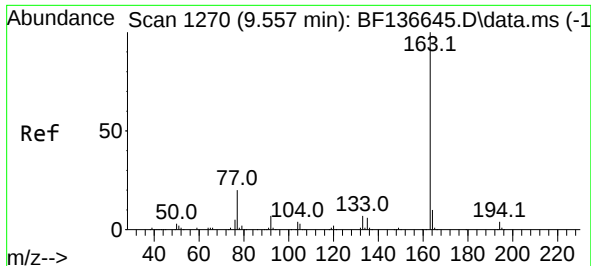
Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.6

170 23.5 19.0 28.4

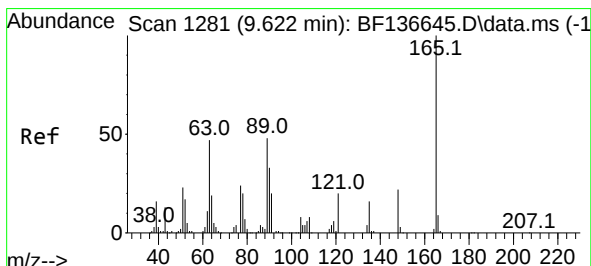
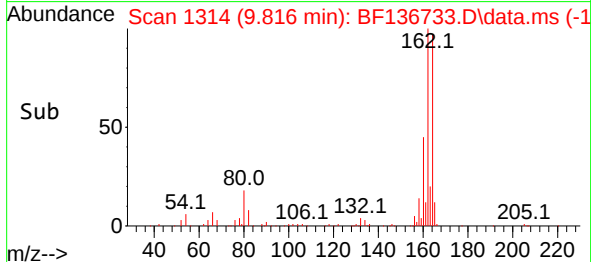
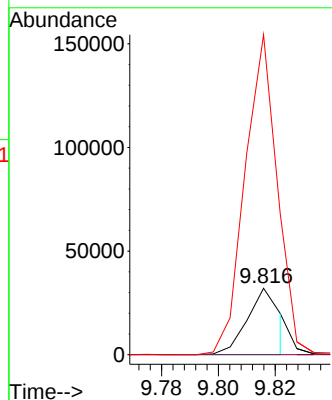
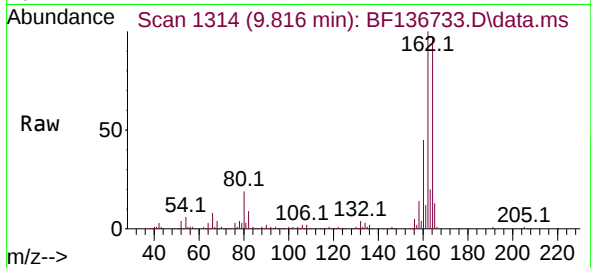




#50
Dimethylphthalate
Concen: 2.837 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136733.D
Acq: 26 Dec 2023 22:36

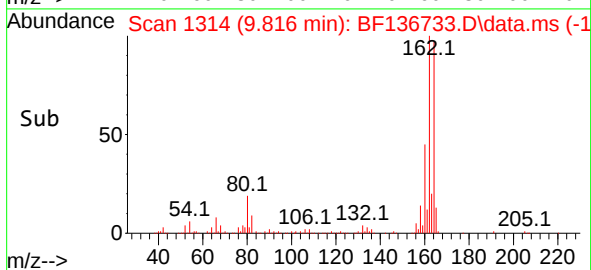
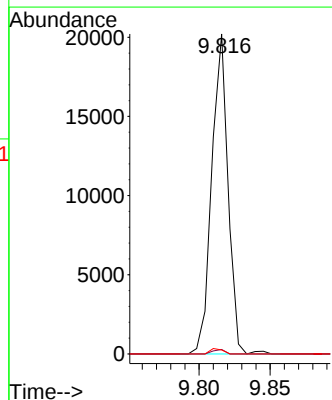
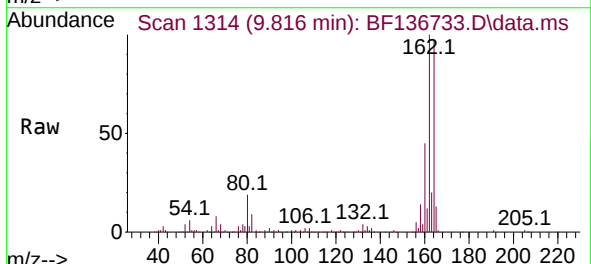
Instrument :
BNA_F
ClientSampleId :
N41547

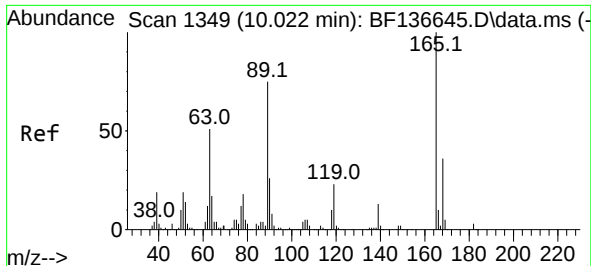
Tgt Ion:163 Resp: 25540
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 482.1 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.913 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136733.D
Acq: 26 Dec 2023 22:36

Tgt Ion:165 Resp: 16169
Ion Ratio Lower Upper
165 100
63 1.4 39.8 59.6#
89 1.3 38.8 58.2#

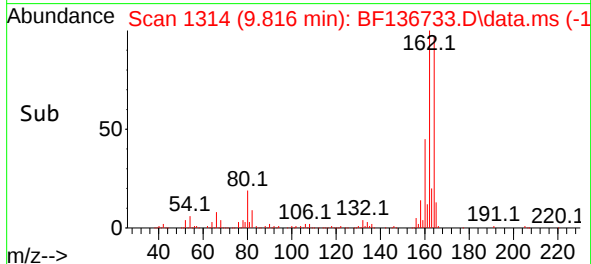
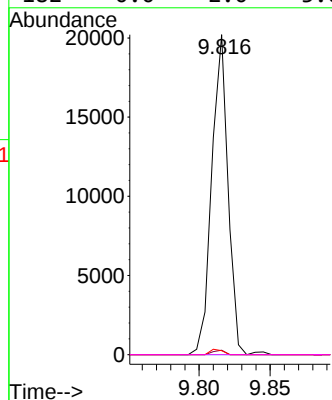
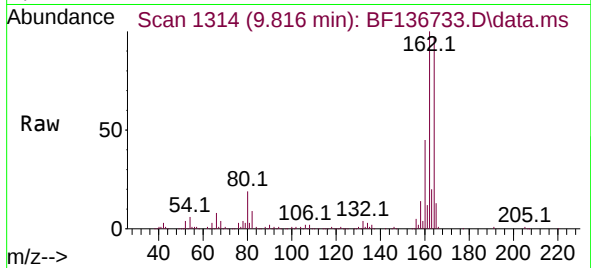




#57
2,4-Dinitrotoluene
Concen: 6.096 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136733.D
Acq: 26 Dec 2023 22:36

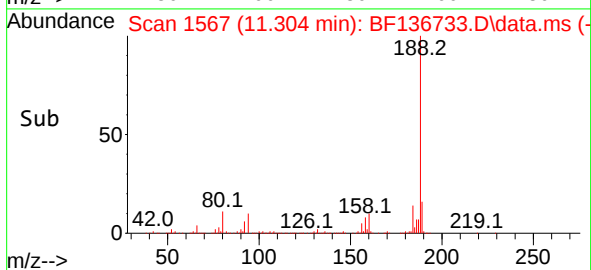
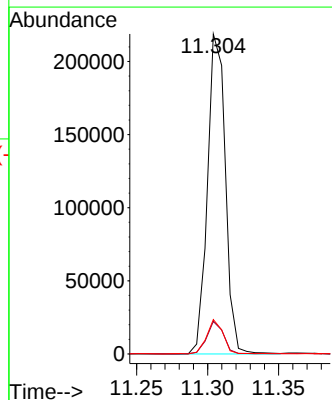
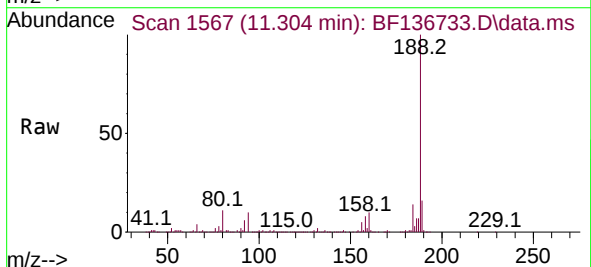
Instrument :
BNA_F
ClientSampleId :
N41547

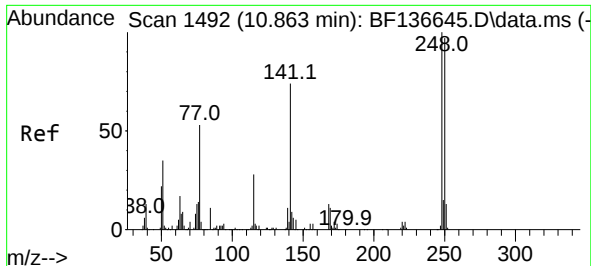
Tgt Ion:165 Resp: 16169
Ion Ratio Lower Upper
165 100
63 1.4 41.0 61.6#
89 1.3 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF136733.D
Acq: 26 Dec 2023 22:36

Tgt Ion:188 Resp: 191972
Ion Ratio Lower Upper
188 100
94 10.2 7.5 11.3
80 10.7 8.1 12.1

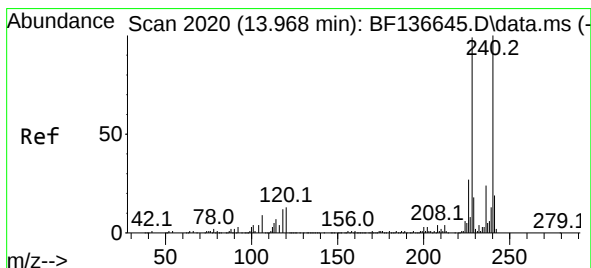
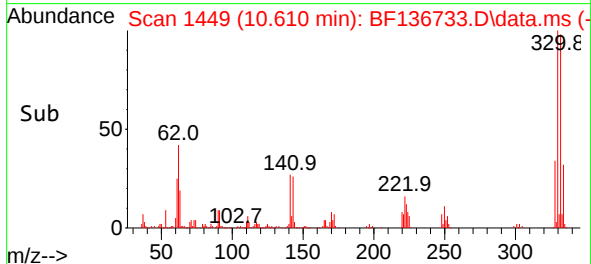
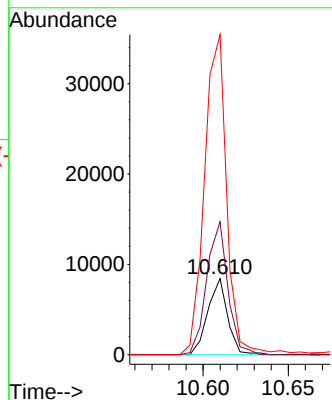
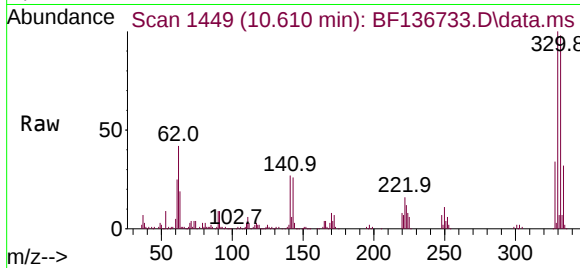




#67
4-Bromophenyl-phenylether
Concen: 3.218 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136733.D
Acq: 26 Dec 2023 22:36

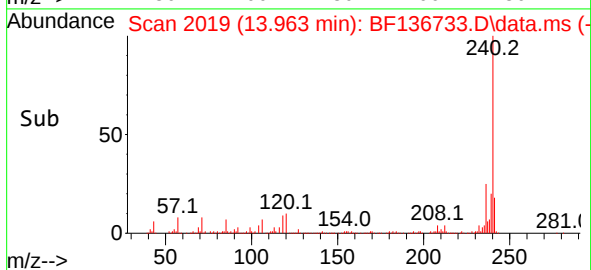
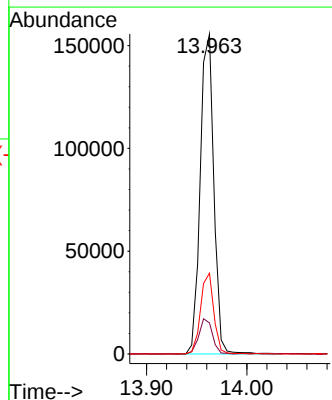
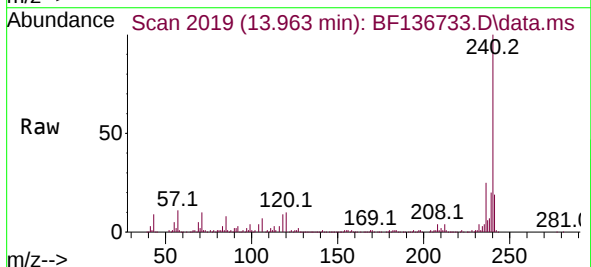
Instrument :
BNA_F
ClientSampleId :
N41547

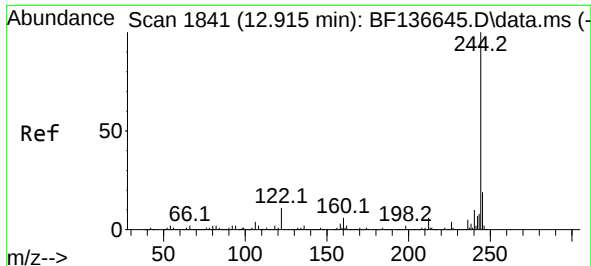
Tgt Ion:248 Resp: 6860
Ion Ratio Lower Upper
248 100
250 174.5 77.8 116.6#
141 419.8 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136733.D
Acq: 26 Dec 2023 22:36

Tgt Ion:240 Resp: 147423
Ion Ratio Lower Upper
240 100
120 9.7 10.3 15.5#
236 25.2 19.4 29.2

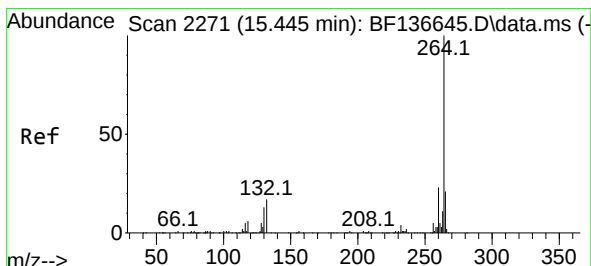
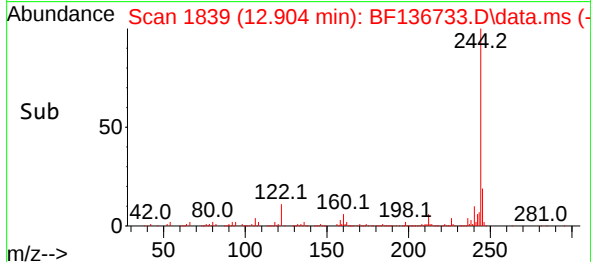
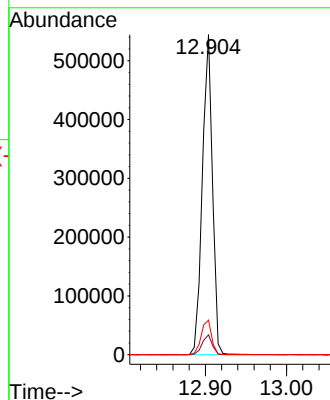
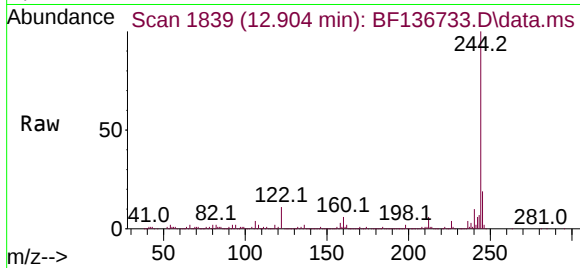




#79
 Terphenyl-d14
 Concen: 44.539 ng
 RT: 12.904 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF136733.D
 Acq: 26 Dec 2023 22:36

Instrument :
 BNA_F
 ClientSampleId :
 N41547

Tgt Ion:244 Resp: 469854
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 10.8 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.006 min
 Lab File: BF136733.D
 Acq: 26 Dec 2023 22:36

Tgt Ion:264 Resp: 131270
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.3 27.5
 265 19.8 17.0 25.6

