

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136845.D
 Acq On : 30 Dec 2023 00:13
 Operator : CG\JU
 Sample : 05980-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-315-0-2

Quant Time: Dec 30 03:09:35 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)

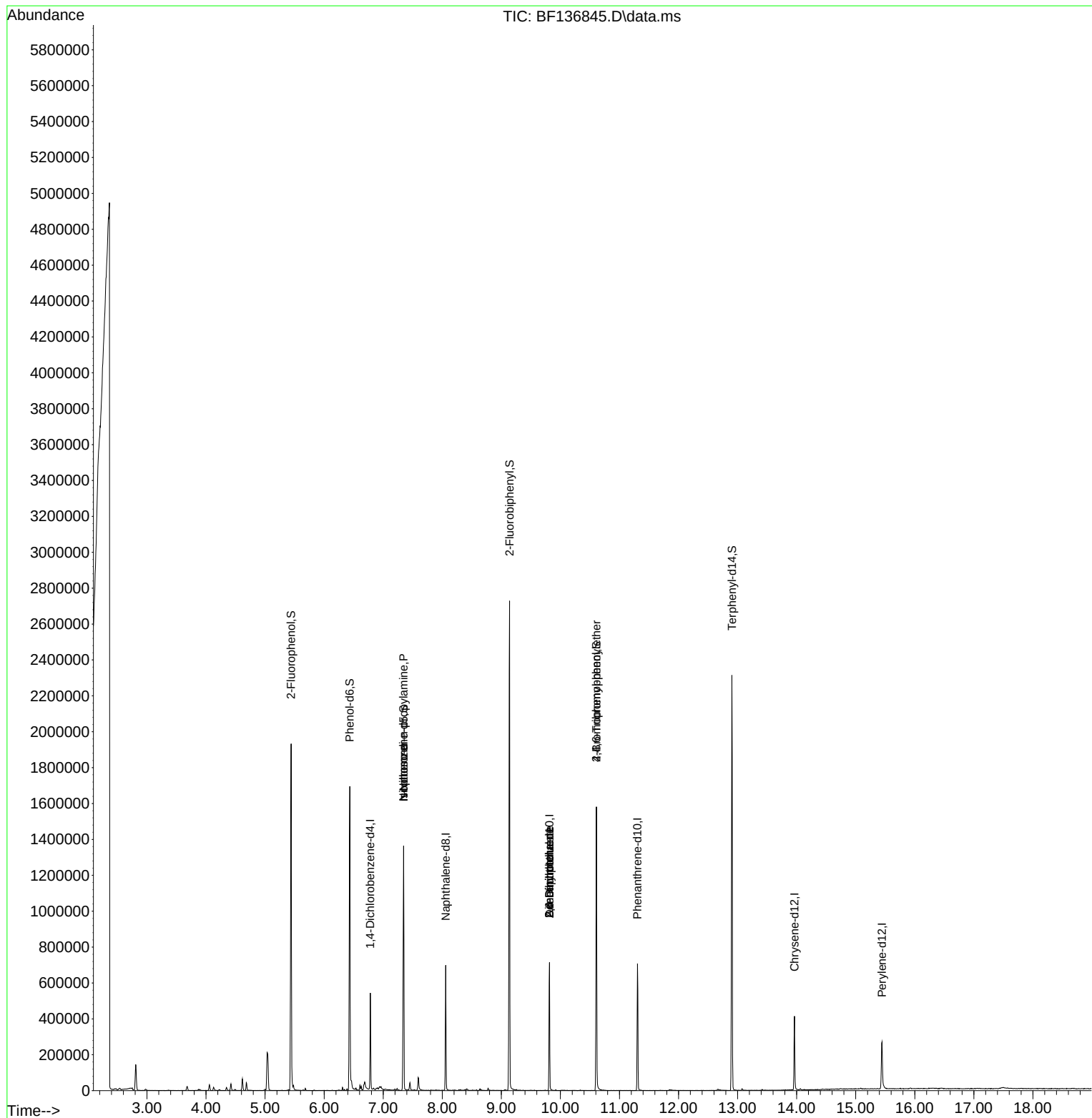
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	72272	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	276514	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	143226	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	264111	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	140134	20.000	ng	0.00
86) Perylene-d12	15.445	264	141881	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	529022	114.211	ng	0.01
7) Phenol-d6	6.434	99	604451	100.710	ng	0.00
23) Nitrobenzene-d5	7.346	82	449245	83.136	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	196918	116.740	ng	-0.01
45) 2-Fluorobiphenyl	9.140	172	886079	83.209	ng	-0.01
79) Terphenyl-d14	12.904	244	877389	87.496	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.346	70	59507	16.356	ng	# 75
25) Isophorone	7.346	82	449241	45.689	ng	# 65
50) Dimethylphthalate	9.816	163	29630	2.832	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	18093	7.620	ng	# 29
57) 2,4-Dinitrotoluene	9.816	165	18093	5.870	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	11930	4.067	ng	# 1

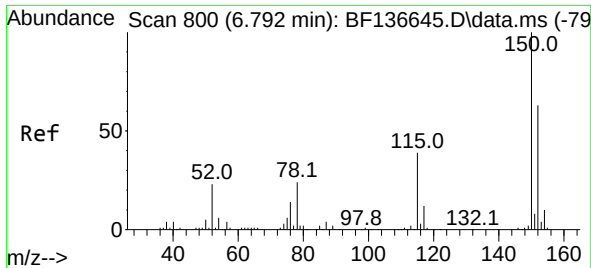
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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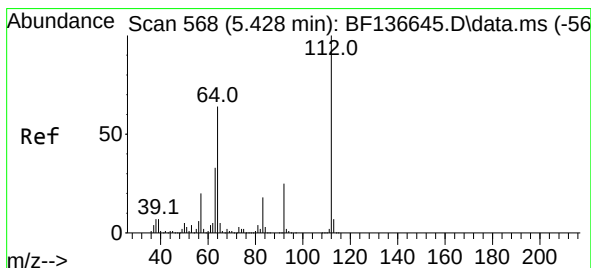
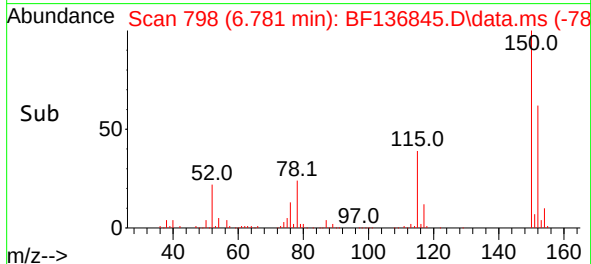
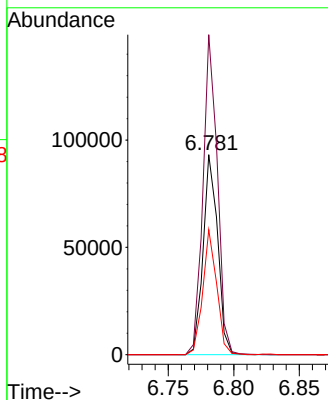
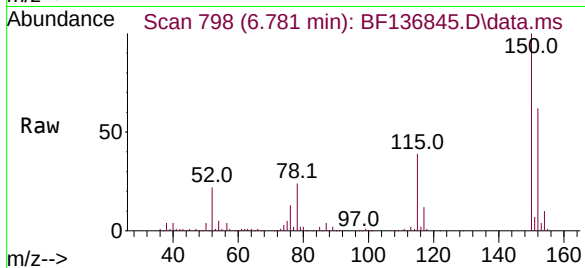




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF136845.D
Acq: 30 Dec 2023 00:13

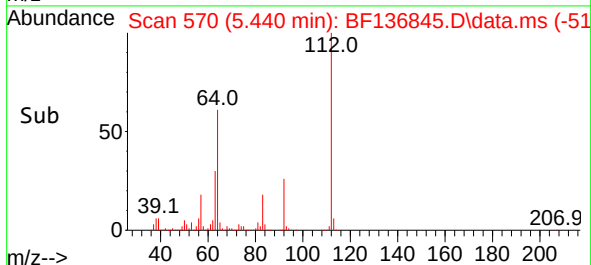
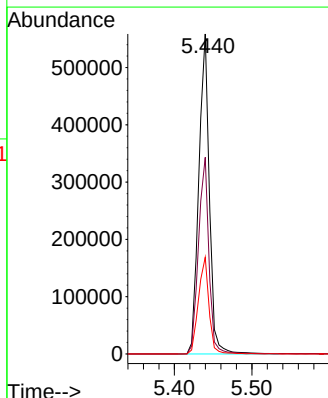
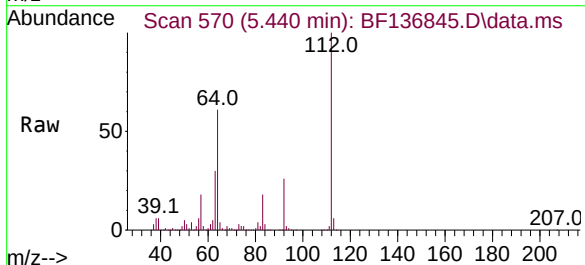
Instrument :
BNA_F
ClientSampleId :
MR-315-0-2

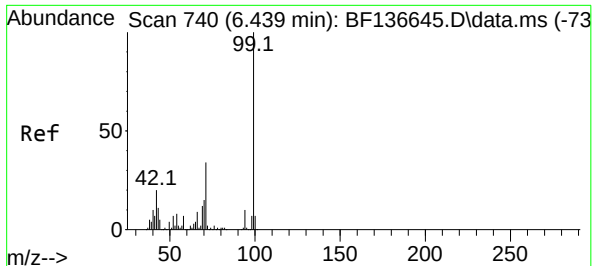
Tgt Ion:152 Resp: 72272
Ion Ratio Lower Upper
152 100
150 160.0 127.0 190.6
115 62.5 49.0 73.4



#5
2-Fluorophenol
Concen: 114.211 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF136845.D
Acq: 30 Dec 2023 00:13

Tgt Ion:112 Resp: 529022
Ion Ratio Lower Upper
112 100
64 61.5 51.1 76.7
63 30.2 26.1 39.1





#7
Phenol-d6
Concen: 100.710 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136845.D
Acq: 30 Dec 2023 00:13

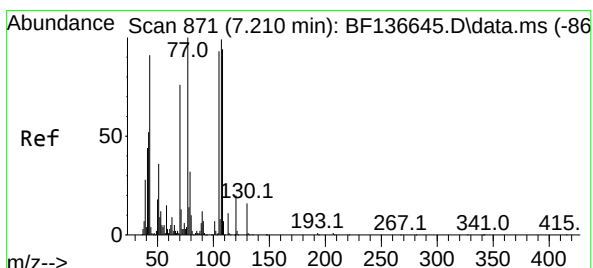
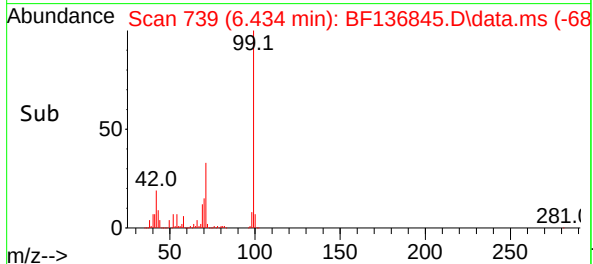
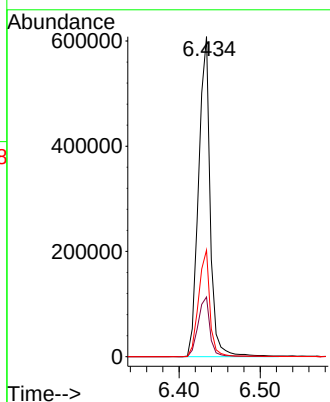
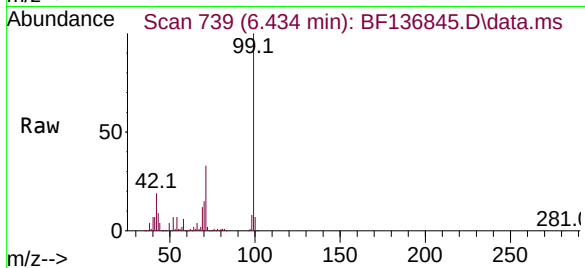
Instrument :

BNA_F

ClientSampleId :

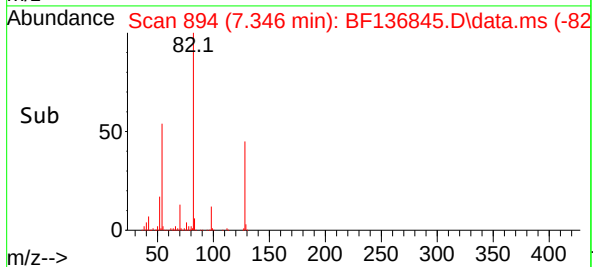
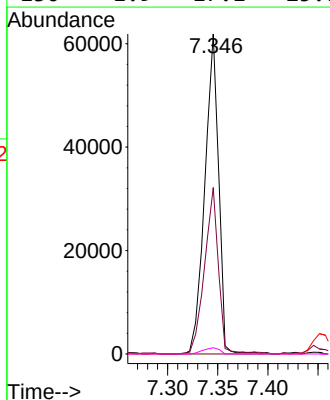
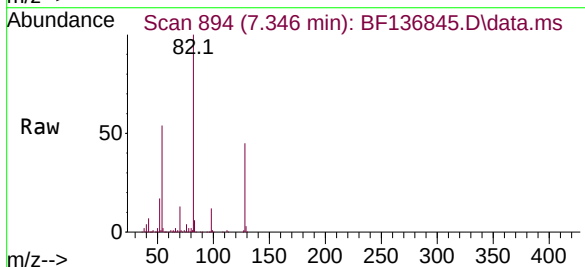
MR-315-0-2

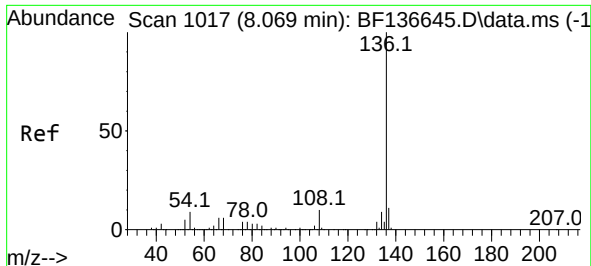
Tgt Ion: 99 Resp: 604451
Ion Ratio Lower Upper
99 100
42 18.6 16.1 24.1
71 33.3 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.356 ng
RT: 7.346 min Scan# 894
Delta R.T. 0.136 min
Lab File: BF136845.D
Acq: 30 Dec 2023 00:13

Tgt Ion: 70 Resp: 59507
Ion Ratio Lower Upper
70 100
42 52.0 54.2 81.4#
101 0.0 7.6 11.4#
130 1.9 17.1 25.7#



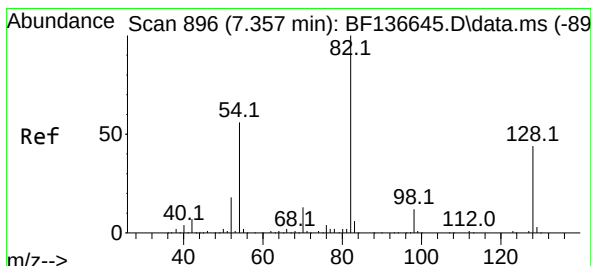
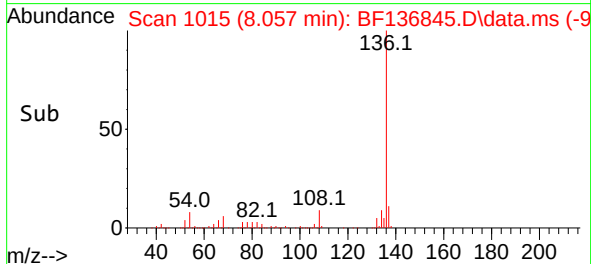
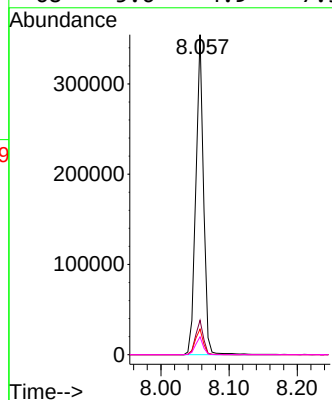
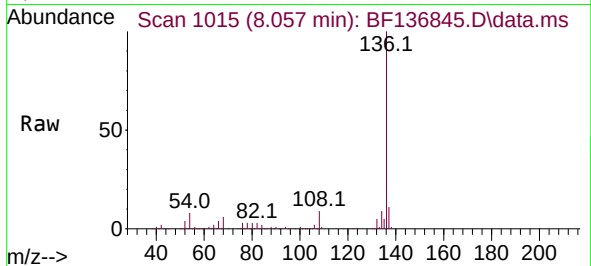


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.011 min
Lab File: BF136845.D
Acq: 30 Dec 2023 00:13

Instrument :
BNA_F
ClientSampleId :
MR-315-0-2

Tgt Ion:136 Resp: 276514

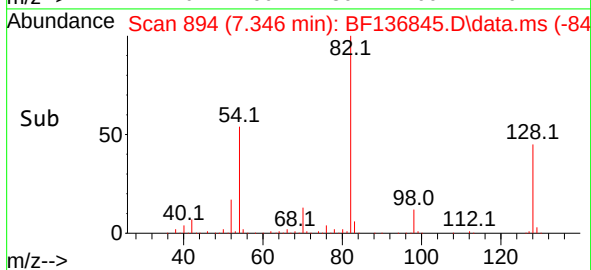
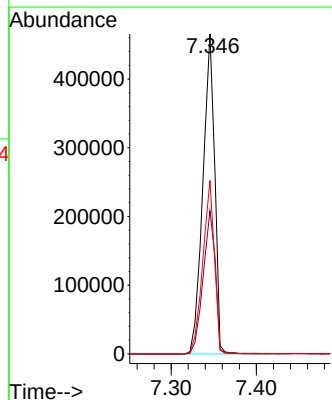
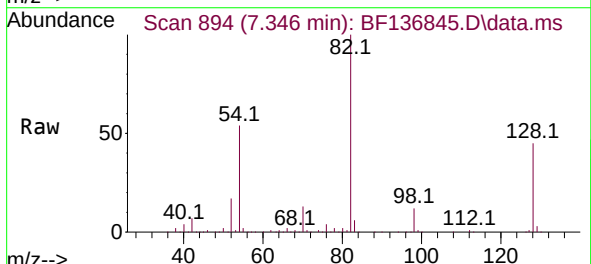
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	8.0	7.2	10.8
68	5.6	4.9	7.3

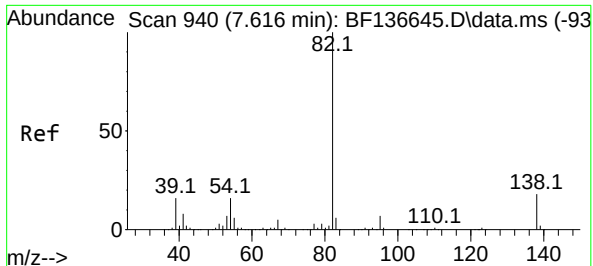


#23
Nitrobenzene-d5
Concen: 83.136 ng
RT: 7.346 min Scan# 894
Delta R.T. -0.011 min
Lab File: BF136845.D
Acq: 30 Dec 2023 00:13

Tgt Ion: 82 Resp: 449245

Ion	Ratio	Lower	Upper
82	100		
128	44.8	35.3	52.9
54	54.2	44.5	66.7

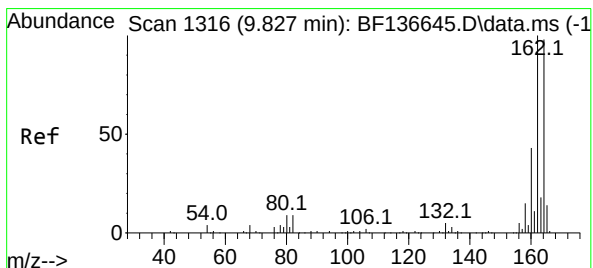
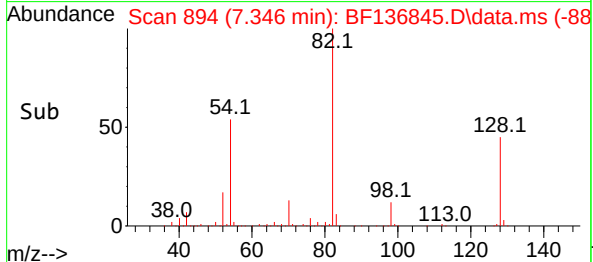
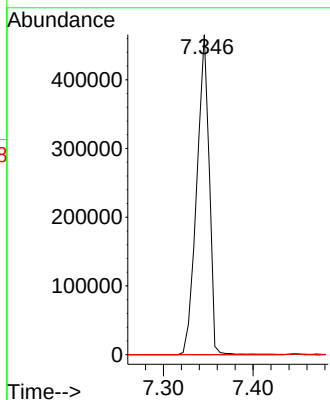
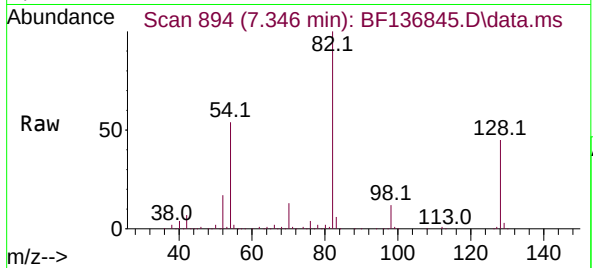




#25
Isophorone
Concen: 45.689 ng
RT: 7.346 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF136845.D
Acq: 30 Dec 2023 00:13

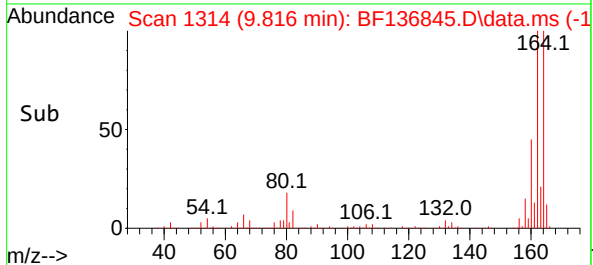
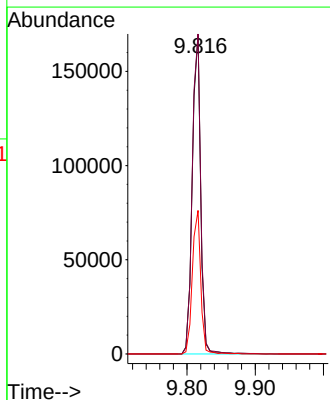
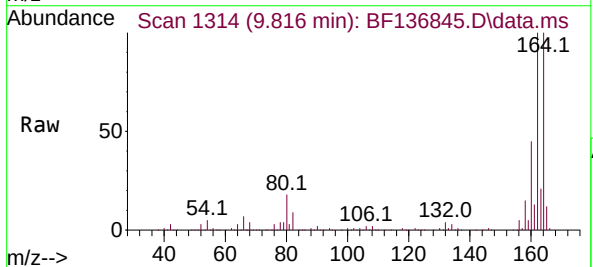
Instrument :
BNA_F
ClientSampleId :
MR-315-0-2

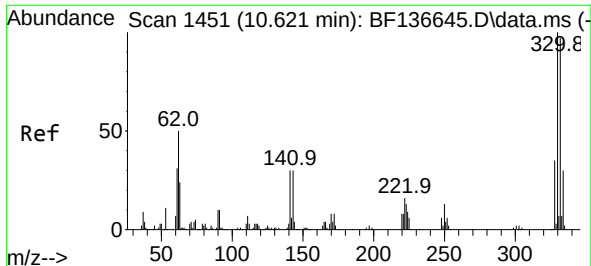
Tgt Ion: 82 Resp: 449241
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.011 min
Lab File: BF136845.D
Acq: 30 Dec 2023 00:13

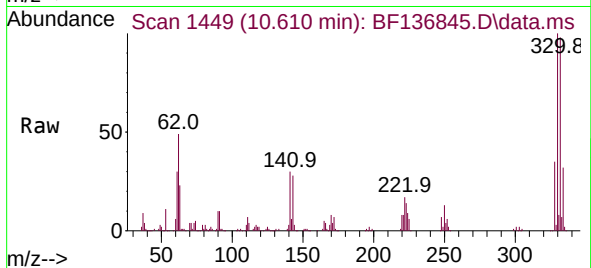
Tgt Ion: 164 Resp: 143226
Ion Ratio Lower Upper
164 100
162 100.2 81.6 122.4
160 45.0 34.9 52.3



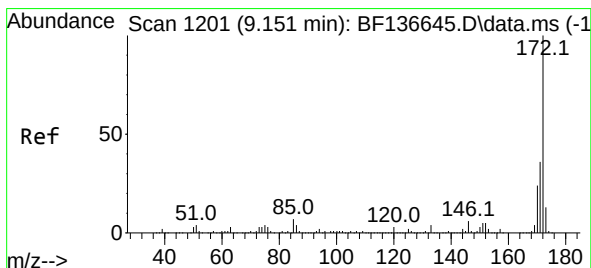
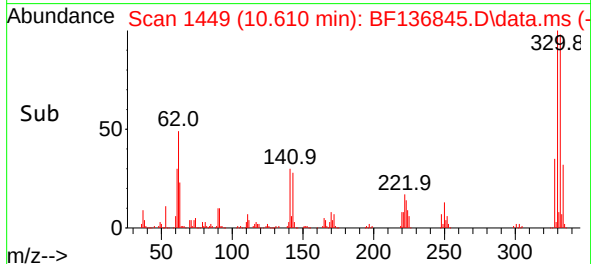
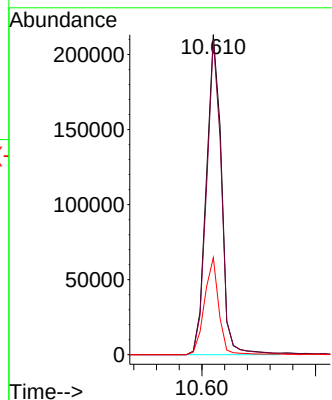


#42
2,4,6-Tribromophenol
Concen: 116.740 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.011 min
Lab File: BF136845.D
Acq: 30 Dec 2023 00:13

Instrument :
BNA_F
ClientSampleId :
MR-315-0-2

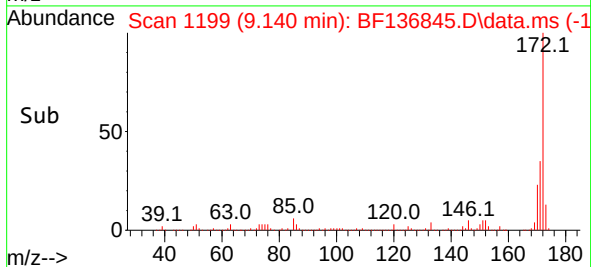
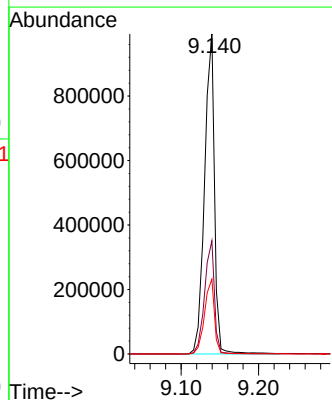
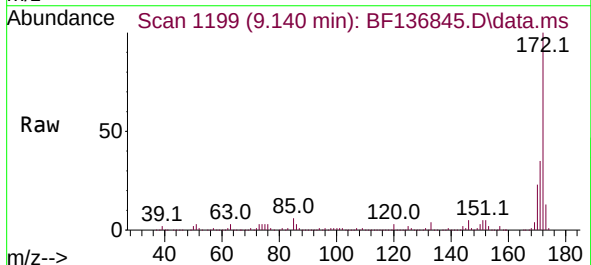


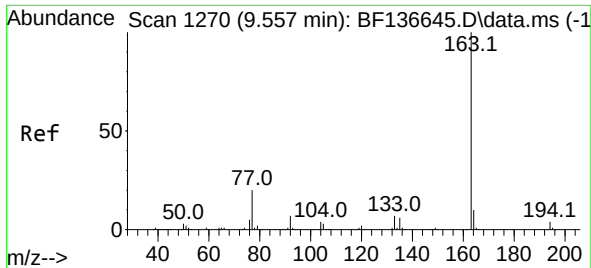
Tgt Ion:330 Resp: 196918
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.0
141 28.7 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 83.209 ng
RT: 9.140 min Scan# 1199
Delta R.T. -0.011 min
Lab File: BF136845.D
Acq: 30 Dec 2023 00:13

Tgt Ion:172 Resp: 886079
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.6
170 23.4 19.0 28.4

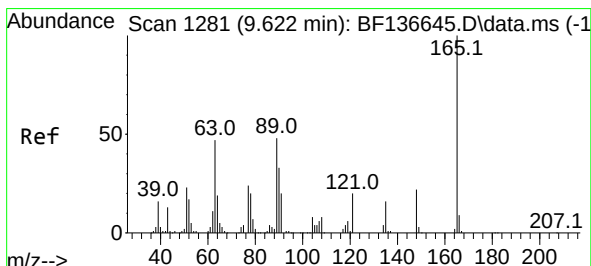
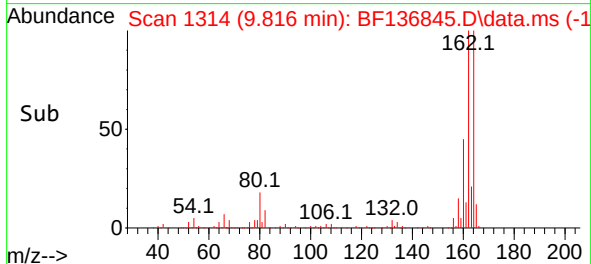
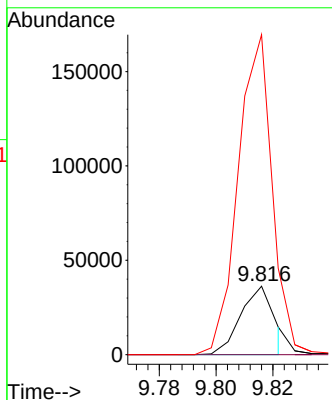
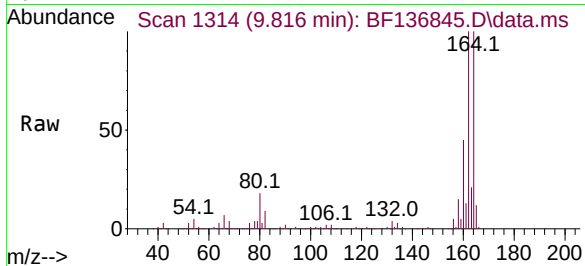




#50
Dimethylphthalate
Concen: 2.832 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136845.D
Acq: 30 Dec 2023 00:13

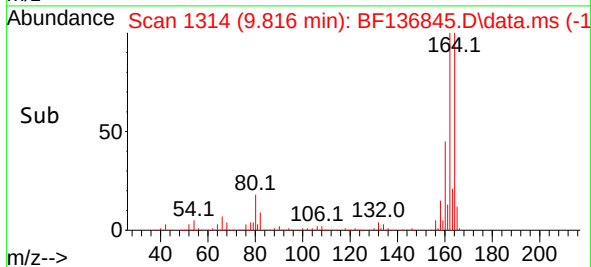
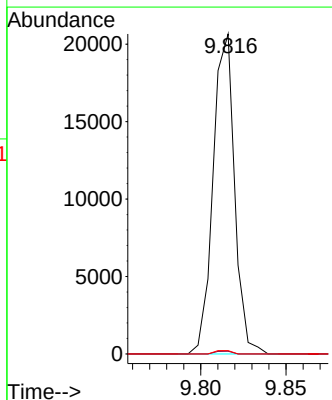
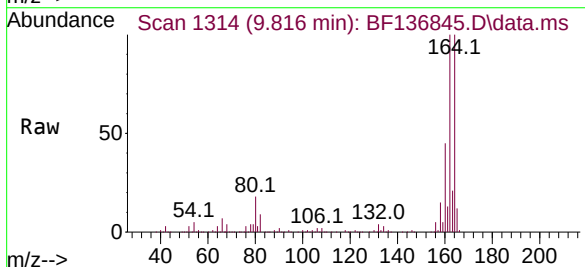
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MR-315-0-2

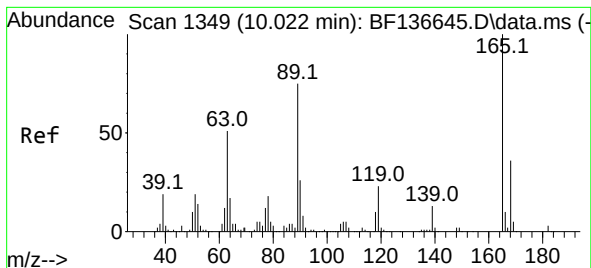
Tgt Ion:163 Resp: 29630
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 467.3 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.620 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136845.D
Acq: 30 Dec 2023 00:13

Tgt Ion:165 Resp: 18093
Ion Ratio Lower Upper
165 100
63 0.8 39.8 59.6#
89 1.1 38.8 58.2#

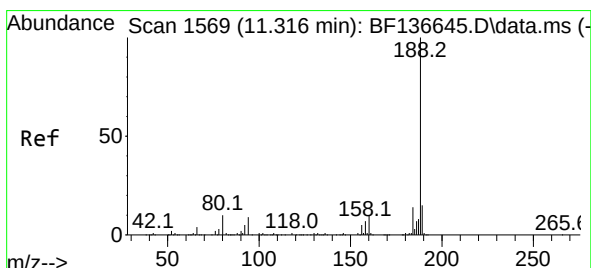
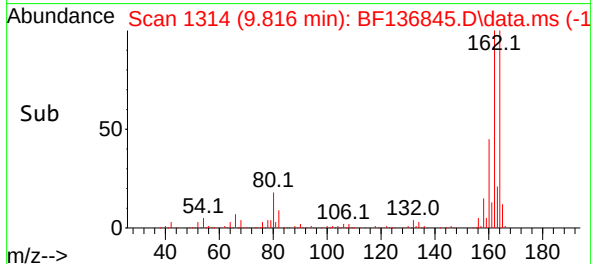
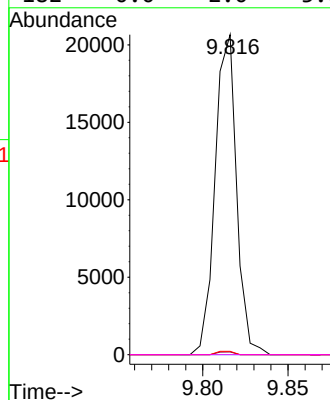
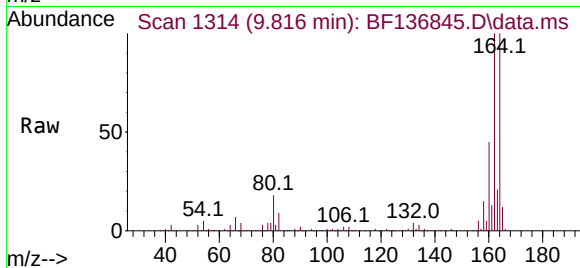




#57
2,4-Dinitrotoluene
Concen: 5.870 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136845.D
Acq: 30 Dec 2023 00:13

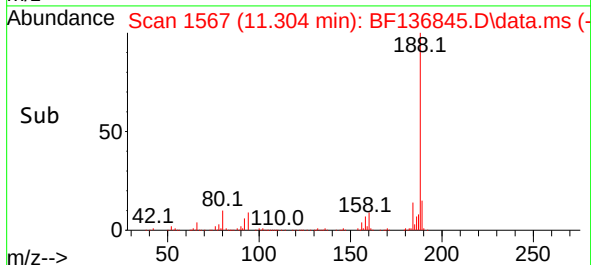
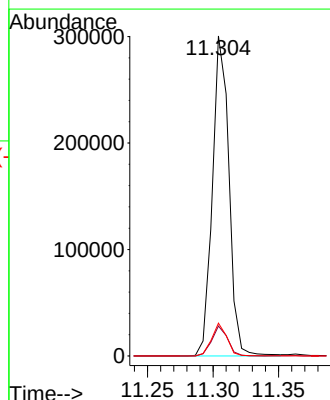
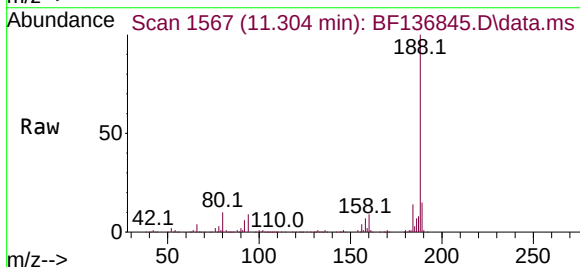
Instrument :
BNA_F
ClientSampleId :
MR-315-0-2

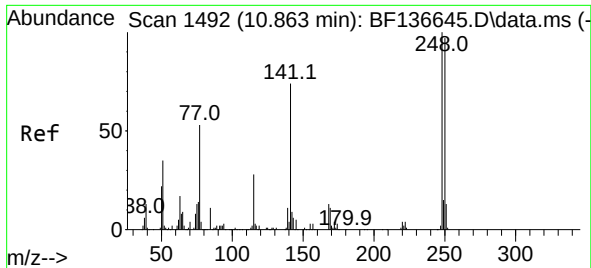
Tgt Ion:165 Resp: 18093
Ion Ratio Lower Upper
165 100
63 0.8 41.0 61.6#
89 1.1 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.011 min
Lab File: BF136845.D
Acq: 30 Dec 2023 00:13

Tgt Ion:188 Resp: 264111
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 10.2 8.1 12.1

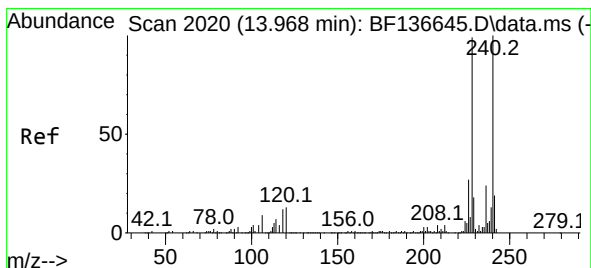
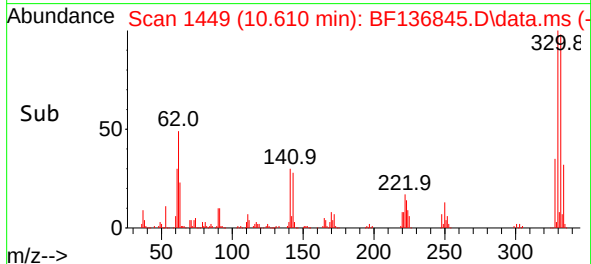
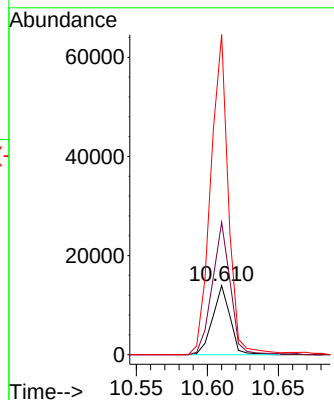
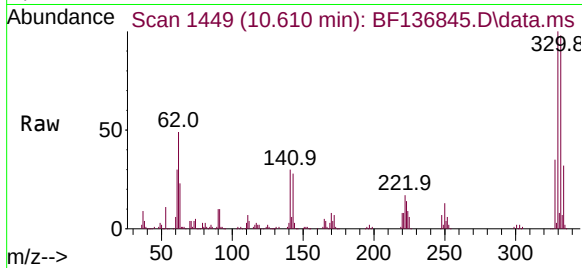




#67
4-Bromophenyl-phenylether
Concen: 4.067 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136845.D
Acq: 30 Dec 2023 00:13

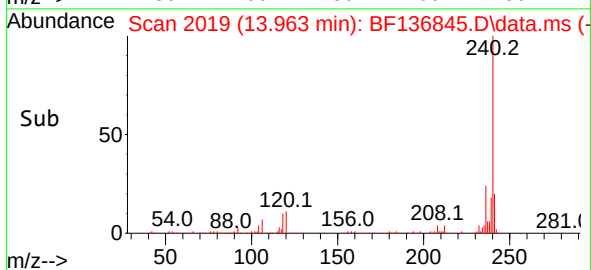
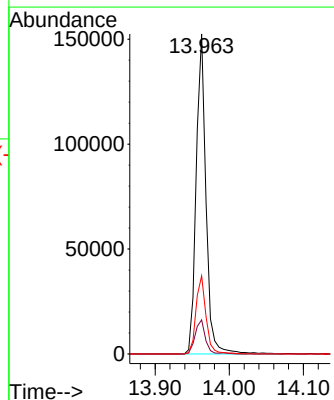
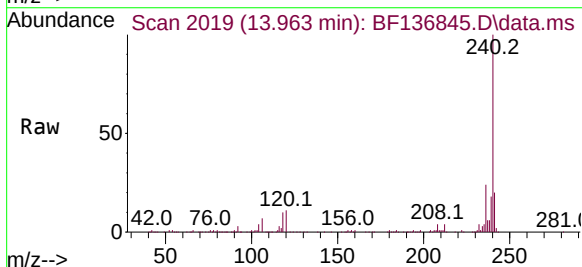
Instrument :
BNA_F
ClientSampleId :
MR-315-0-2

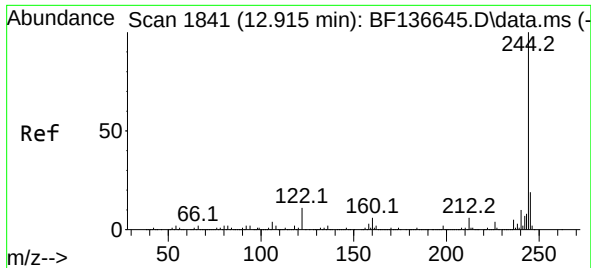
Tgt Ion:248 Resp: 11930
Ion Ratio Lower Upper
248 100
250 191.3 77.8 116.6#
141 462.4 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136845.D
Acq: 30 Dec 2023 00:13

Tgt Ion:240 Resp: 140134
Ion Ratio Lower Upper
240 100
120 10.7 10.3 15.5
236 24.4 19.4 29.2

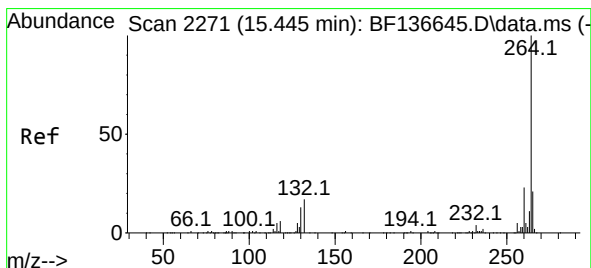
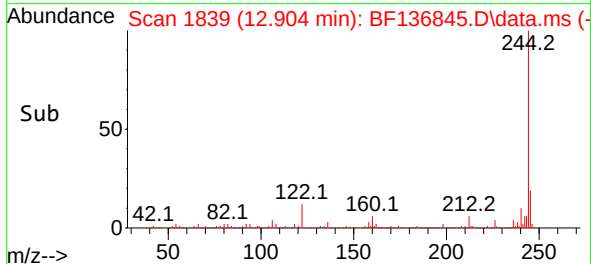
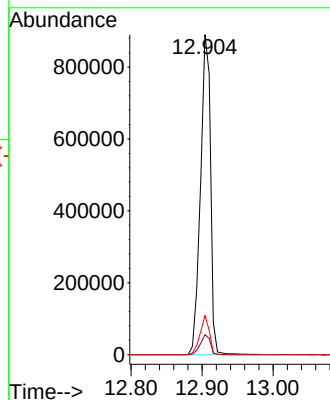
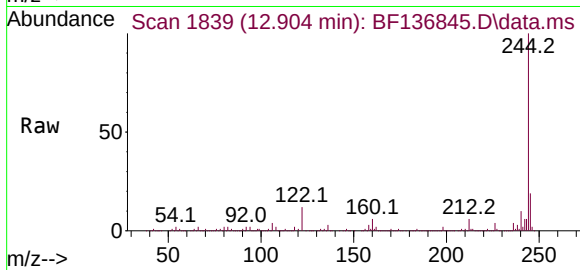




#79
Terphenyl-d14
Concen: 87.496 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.011 min
Lab File: BF136845.D
Acq: 30 Dec 2023 00:13

Instrument :
BNA_F
ClientSampleId :
MR-315-0-2

Tgt Ion:244 Resp: 877389
Ion Ratio Lower Upper
244 100
212 6.3 5.0 7.4
122 12.2 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: BF136845.D
Acq: 30 Dec 2023 00:13

Tgt Ion:264 Resp: 141881
Ion Ratio Lower Upper
264 100
260 23.1 18.3 27.5
265 20.3 17.0 25.6

