

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136850.D
 Acq On : 30 Dec 2023 03:03
 Operator : CG\JU
 Sample : 06016-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-322-0-2

Quant Time: Dec 30 03:24:35 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)

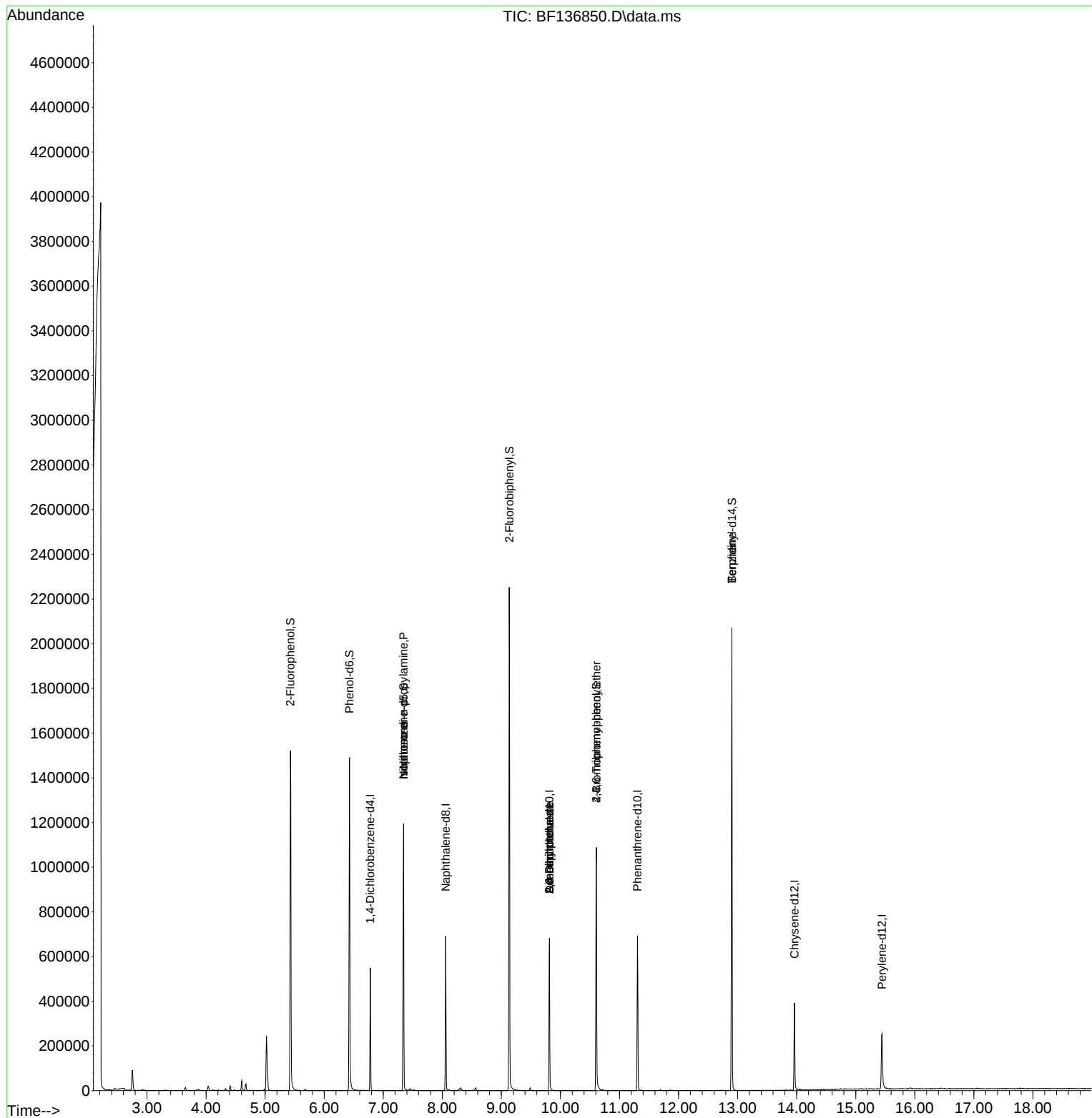
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	71415	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	276461	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	141053	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	253034	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	138411	20.000	ng	0.00
86) Perylene-d12	15.445	264	146120	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	438596	95.825	ng	0.00
7) Phenol-d6	6.428	99	506351	85.377	ng	-0.01
23) Nitrobenzene-d5	7.345	82	361882	66.982	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	151669	91.300	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	735529	70.135	ng	-0.02
79) Terphenyl-d14	12.904	244	717806	72.473	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	48315	13.439	ng	# 72
25) Isophorone	7.345	82	361878	36.811	ng	# 65
50) Dimethylphthalate	9.816	163	27874	2.705	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	17607	7.530	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	17607	5.800	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	8933	3.179	ng	# 1
77) Benzidine	12.904	184	8327	2.040	ng	# 93

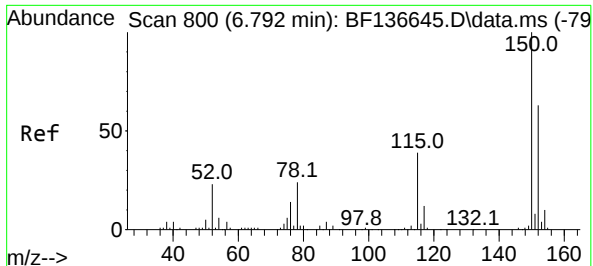
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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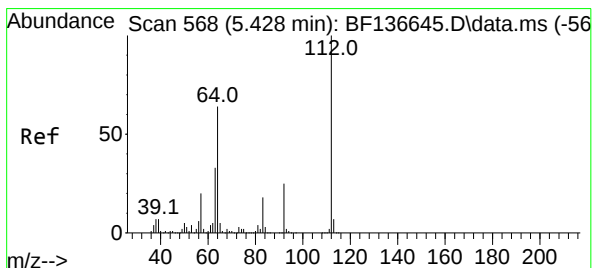
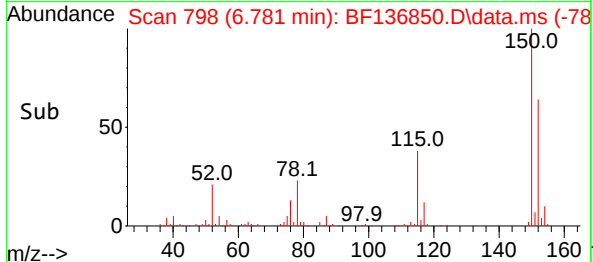
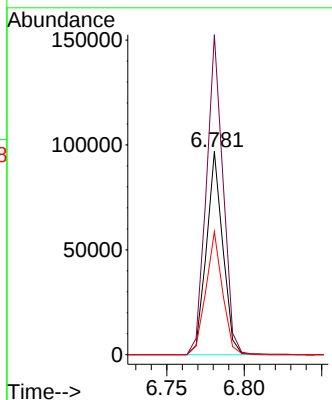
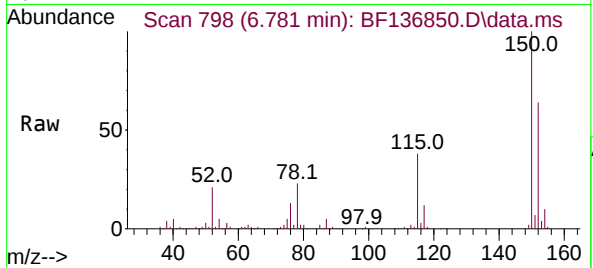




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 714
Delta R.T. -0.011 min
Lab File: BF136850.D
Acq: 30 Dec 2023 03:03

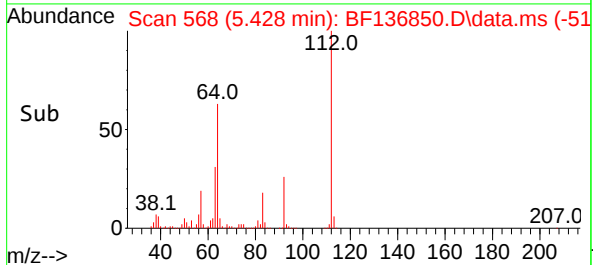
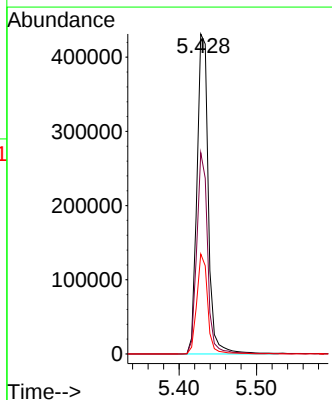
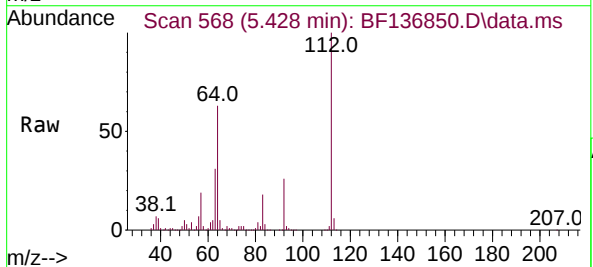
Instrument :
BNA_F
ClientSampleId :
MR-322-0-2

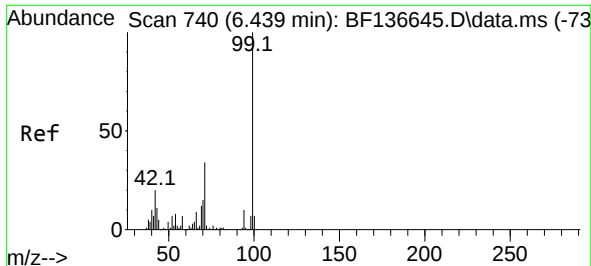
Tgt Ion:152 Resp: 71415
Ion Ratio Lower Upper
152 100
150 157.5 127.0 190.6
115 60.5 49.0 73.4



#5
2-Fluorophenol
Concen: 95.825 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136850.D
Acq: 30 Dec 2023 03:03

Tgt Ion:112 Resp: 438596
Ion Ratio Lower Upper
112 100
64 62.9 51.1 76.7
63 31.3 26.1 39.1





#7

Phenol-d6

Concen: 85.377 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136850.D

Acq: 30 Dec 2023 03:03

Instrument :

BNA_F

ClientSampleId :

MR-322-0-2

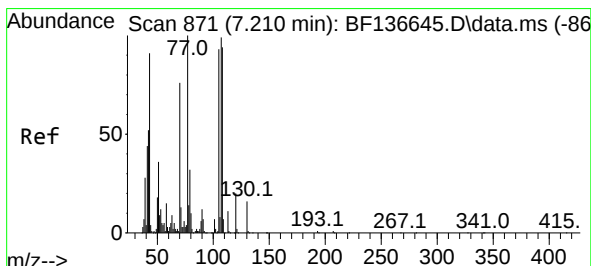
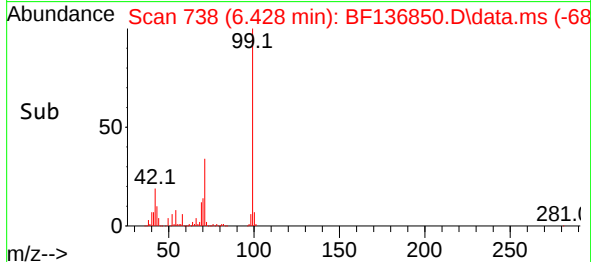
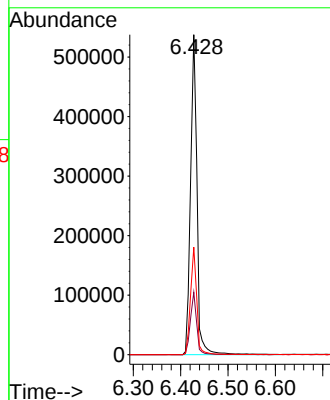
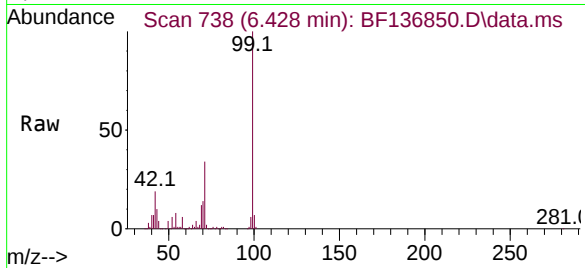
Tgt Ion: 99 Resp: 506351

Ion Ratio Lower Upper

99 100

42 19.5 16.1 24.1

71 33.6 27.4 41.2



#19

n-Nitroso-di-n-propylamine

Concen: 13.439 ng

RT: 7.345 min Scan# 894

Delta R.T. 0.135 min

Lab File: BF136850.D

Acq: 30 Dec 2023 03:03

Tgt Ion: 70 Resp: 48315

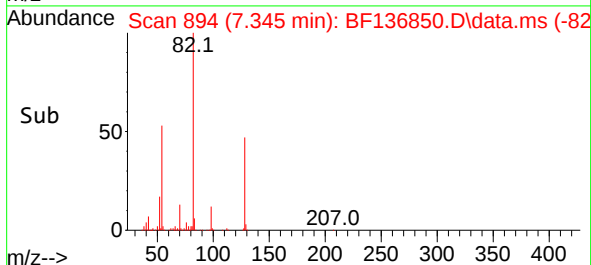
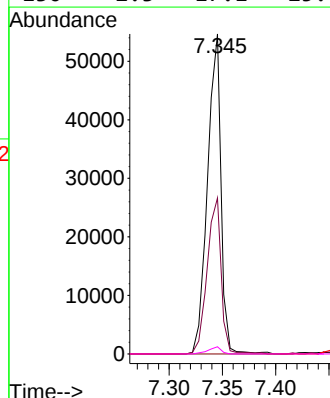
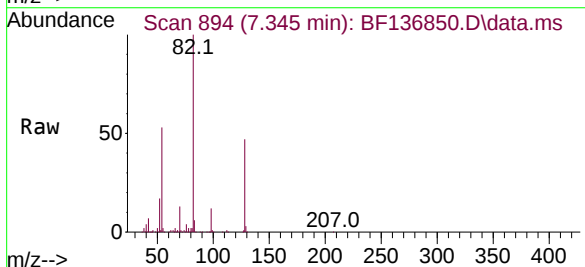
Ion Ratio Lower Upper

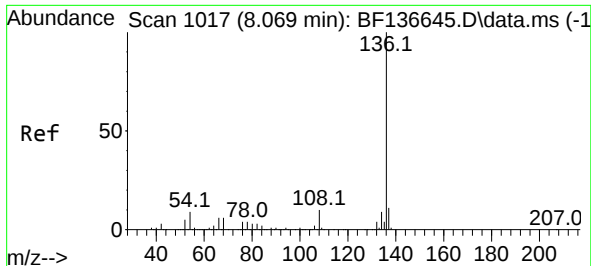
70 100

42 48.7 54.2 81.4#

101 0.0 7.6 11.4#

130 2.3 17.1 25.7#



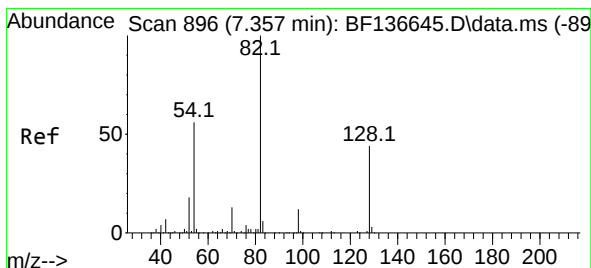
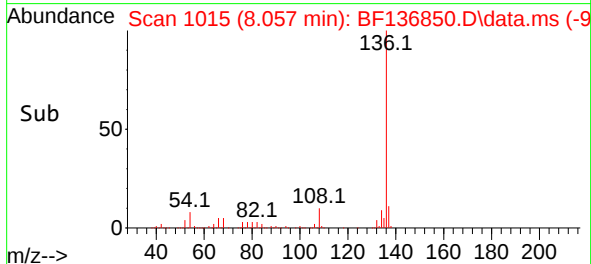
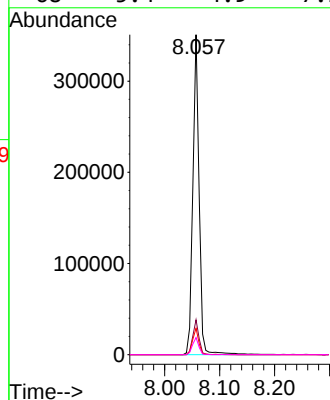
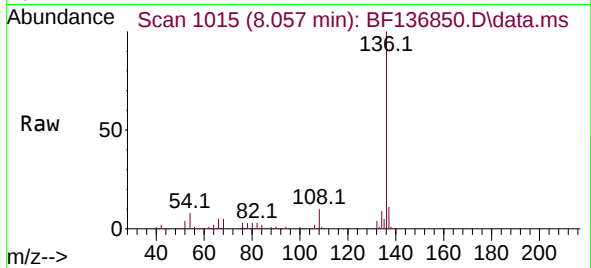


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136850.D
Acq: 30 Dec 2023 03:03

Instrument :
BNA_F
ClientSampleId :
MR-322-0-2

Tgt Ion:136 Resp: 276461

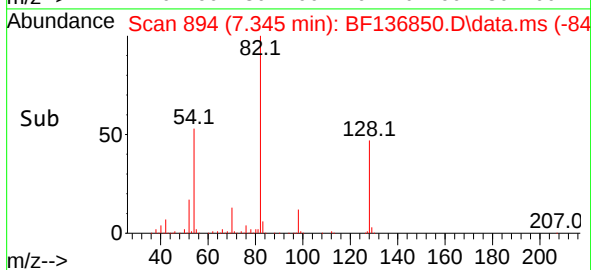
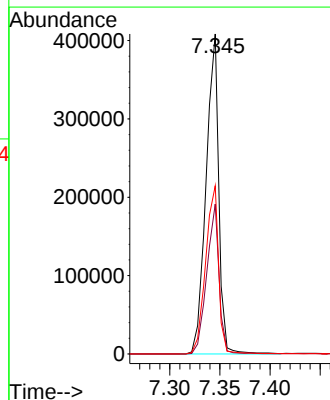
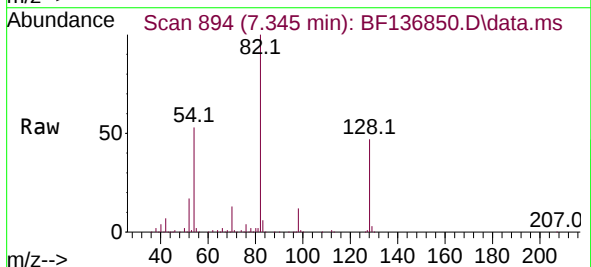
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	8.3	7.2	10.8
68	5.4	4.9	7.3

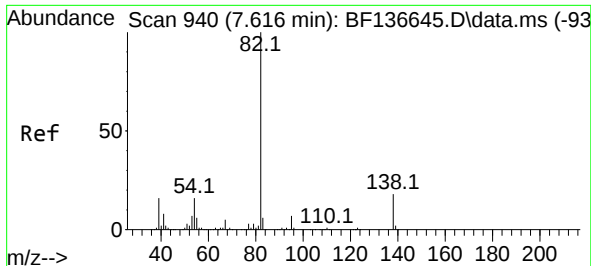


#23
Nitrobenzene-d5
Concen: 66.982 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136850.D
Acq: 30 Dec 2023 03:03

Tgt Ion: 82 Resp: 361882

Ion	Ratio	Lower	Upper
82	100		
128	46.8	35.3	52.9
54	52.6	44.5	66.7

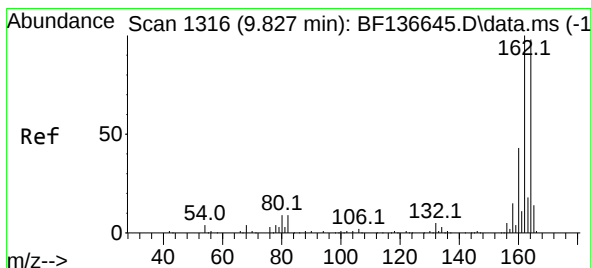
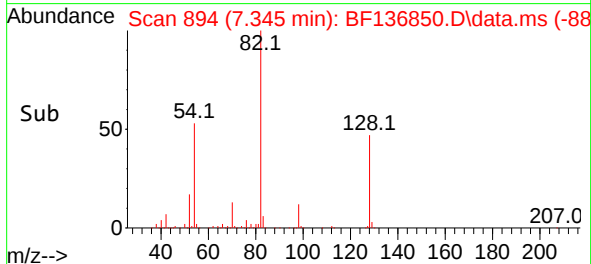
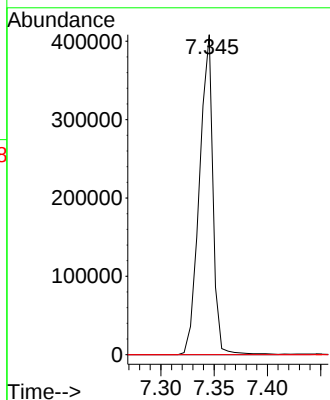
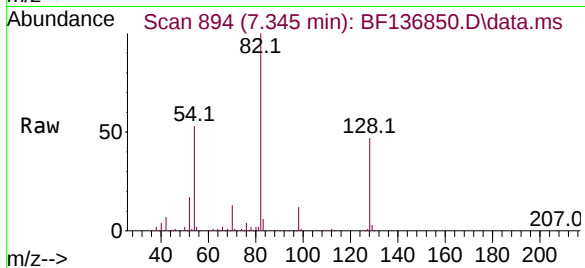




#25
Isophorone
Concen: 36.811 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF136850.D
Acq: 30 Dec 2023 03:03

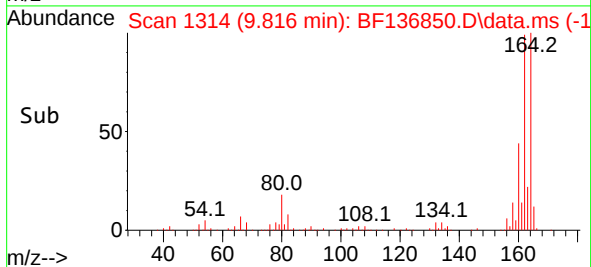
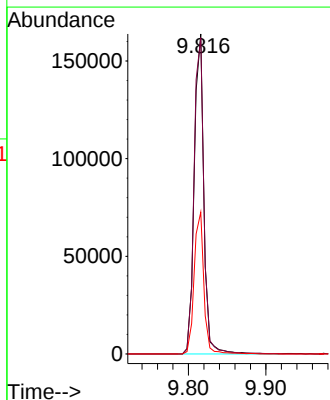
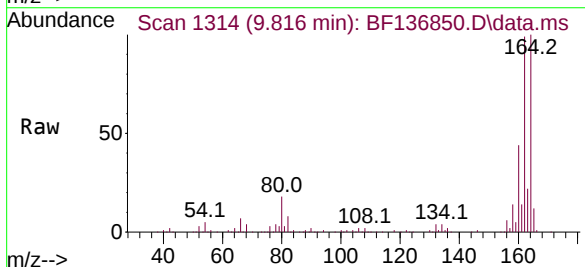
Instrument :
BNA_F
ClientSampleId :
MR-322-0-2

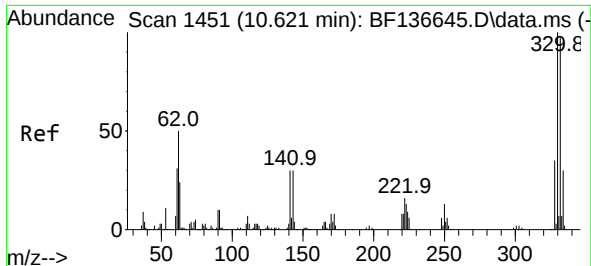
Tgt Ion: 82 Resp: 361878
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136850.D
Acq: 30 Dec 2023 03:03

Tgt Ion: 164 Resp: 141053
Ion Ratio Lower Upper
164 100
162 98.9 81.6 122.4
160 44.3 34.9 52.3

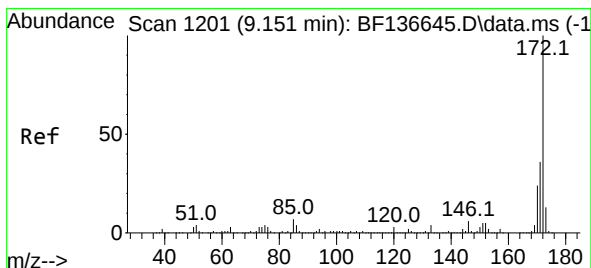
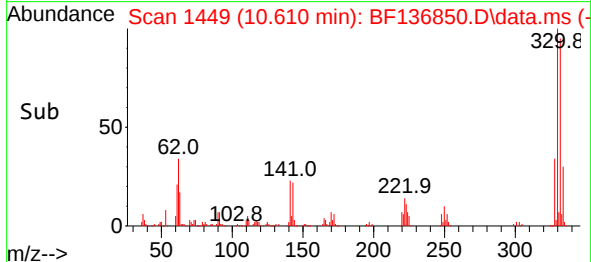
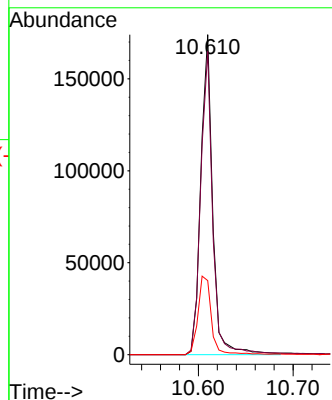
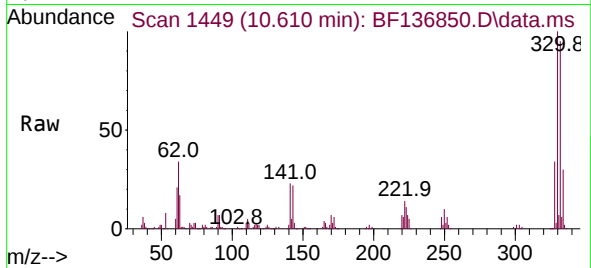




#42
2,4,6-Tribromophenol
Concen: 91.300 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136850.D
Acq: 30 Dec 2023 03:03

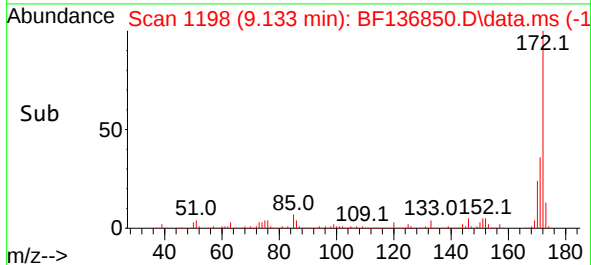
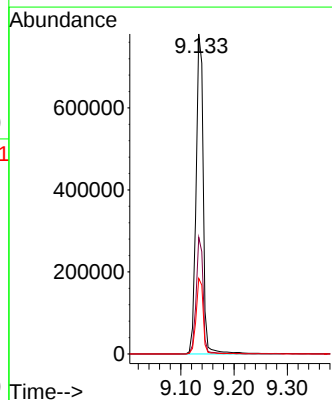
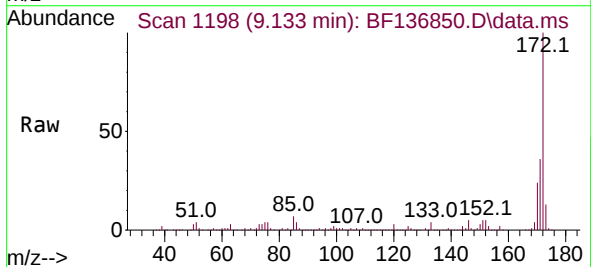
Instrument :
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ClientSampleId :
MR-322-0-2

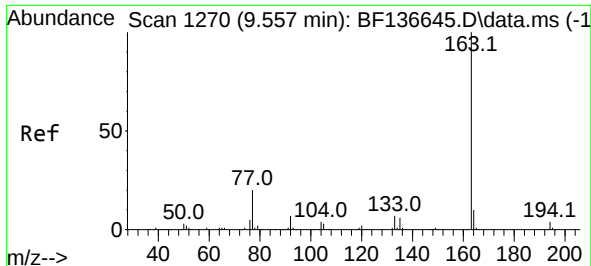
Tgt Ion:330 Resp: 151669
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.0
141 27.7 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 70.135 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BF136850.D
Acq: 30 Dec 2023 03:03

Tgt Ion:172 Resp: 735529
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.6
170 23.6 19.0 28.4

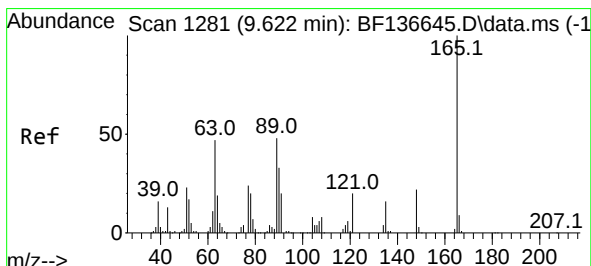
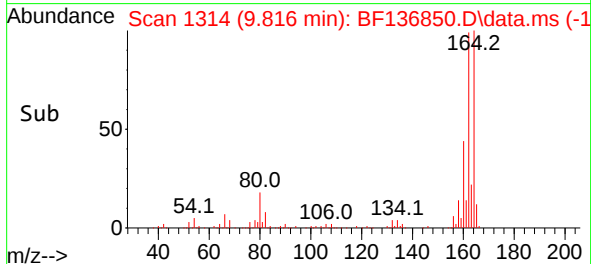
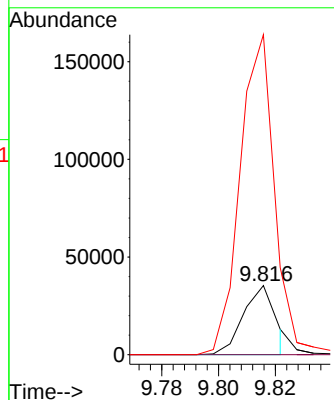
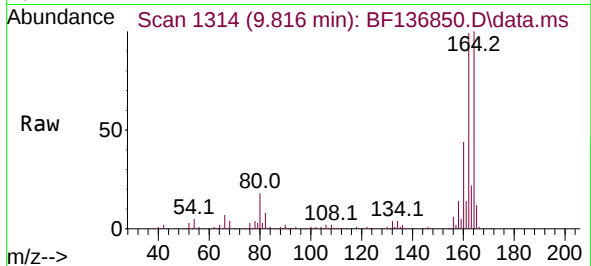




#50
Dimethylphthalate
Concen: 2.705 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136850.D
Acq: 30 Dec 2023 03:03

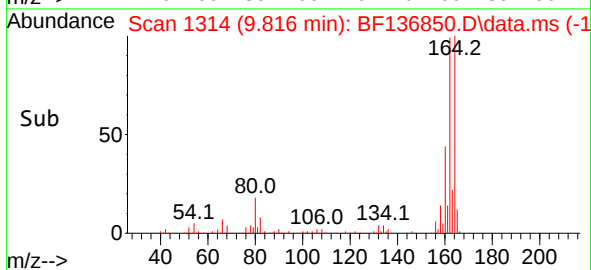
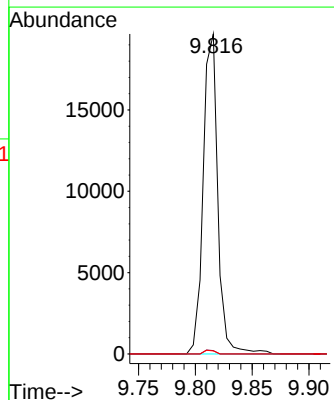
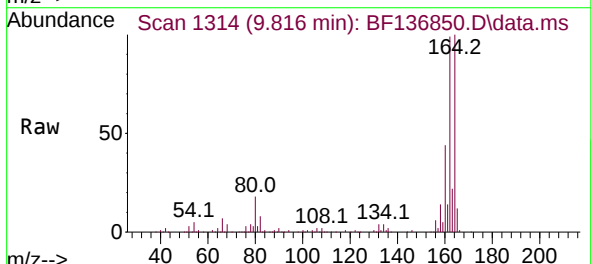
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ClientSampleId :
MR-322-0-2

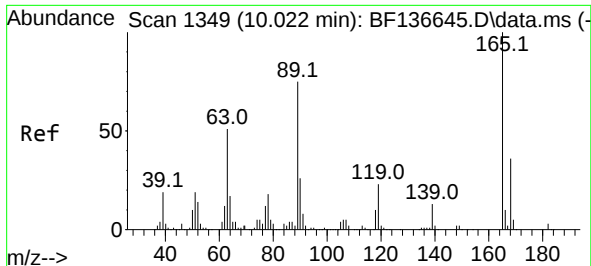
Tgt Ion:163 Resp: 27874
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 462.7 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.530 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136850.D
Acq: 30 Dec 2023 03:03

Tgt Ion:165 Resp: 17607
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.0 38.8 58.2#

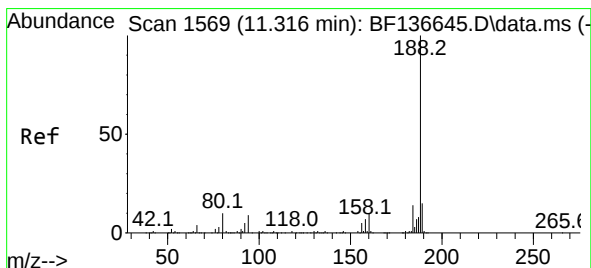
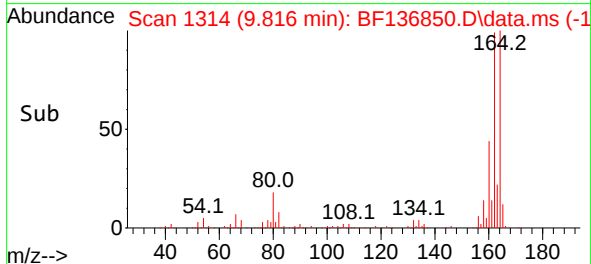
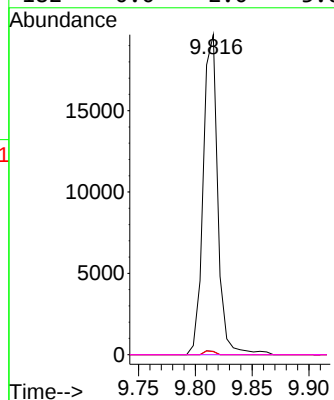
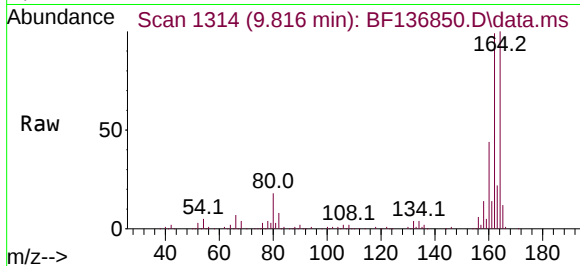




#57
2,4-Dinitrotoluene
Concen: 5.800 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136850.D
Acq: 30 Dec 2023 03:03

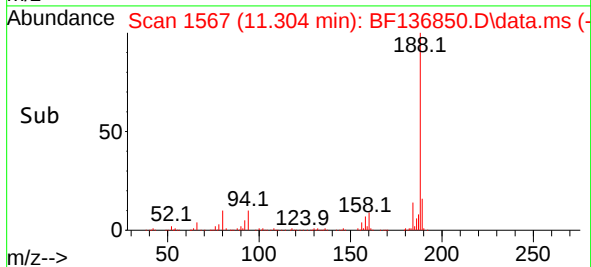
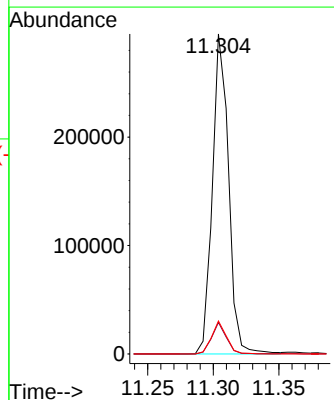
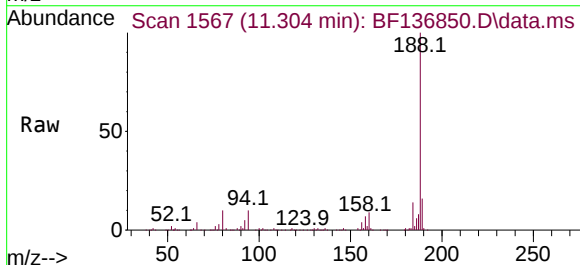
Instrument :
BNA_F
ClientSampleId :
MR-322-0-2

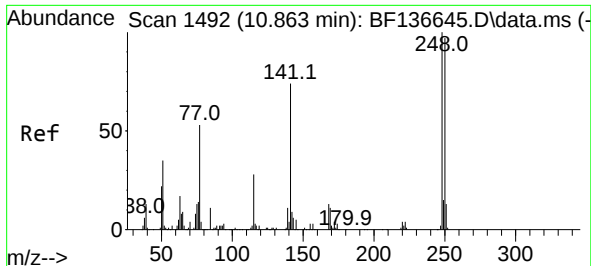
Tgt Ion:165 Resp: 17607
Ion Ratio Lower Upper
165 100
63 1.0 41.0 61.6#
89 1.0 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF136850.D
Acq: 30 Dec 2023 03:03

Tgt Ion:188 Resp: 253034
Ion Ratio Lower Upper
188 100
94 9.8 7.5 11.3
80 10.3 8.1 12.1

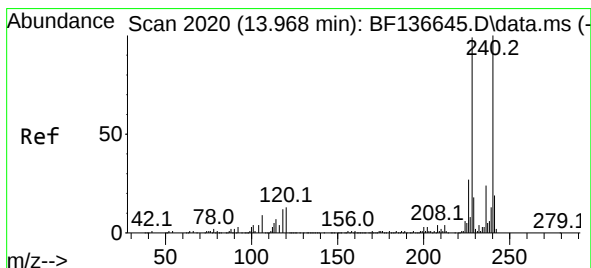
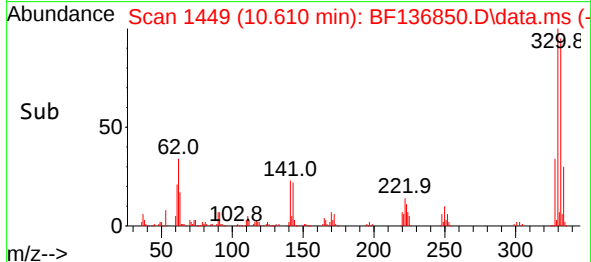
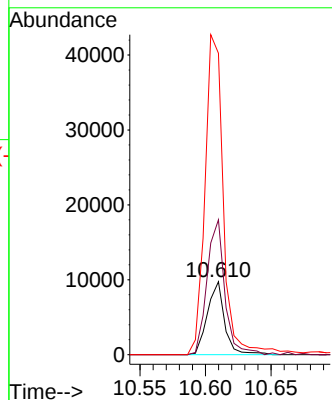
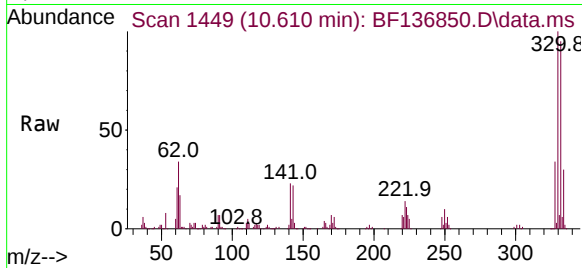




#67
4-Bromophenyl-phenylether
Concen: 3.179 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136850.D
Acq: 30 Dec 2023 03:03

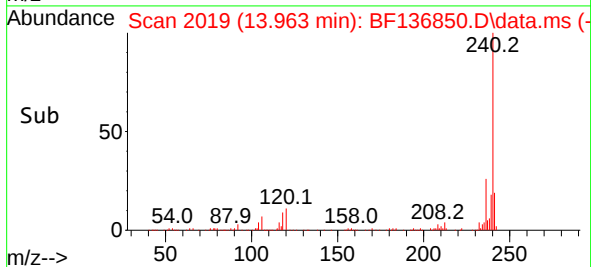
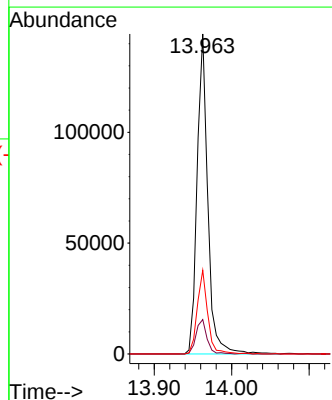
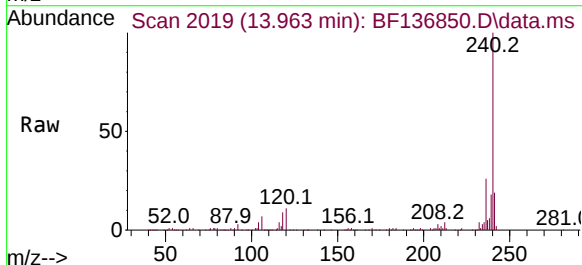
Instrument :
BNA_F
ClientSampleId :
MR-322-0-2

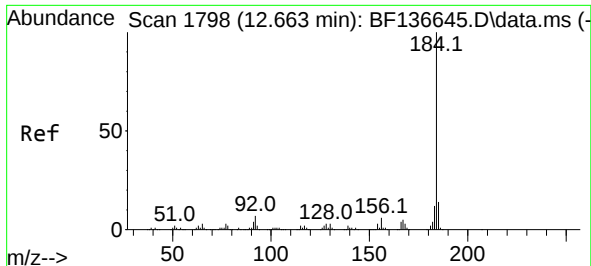
Tgt Ion:248 Resp: 8933
Ion Ratio Lower Upper
248 100
250 184.8 77.8 116.6#
141 413.2 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136850.D
Acq: 30 Dec 2023 03:03

Tgt Ion:240 Resp: 138411
Ion Ratio Lower Upper
240 100
120 10.8 10.3 15.5
236 26.1 19.4 29.2

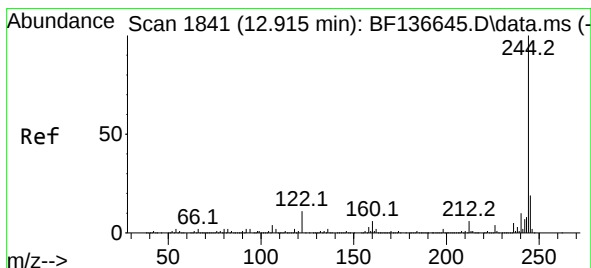
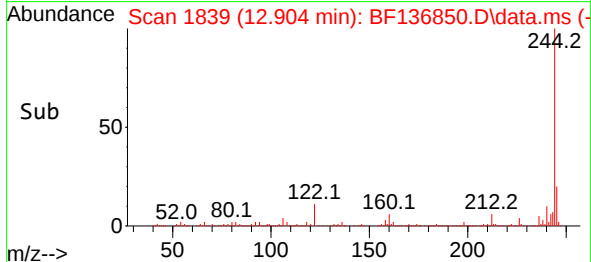
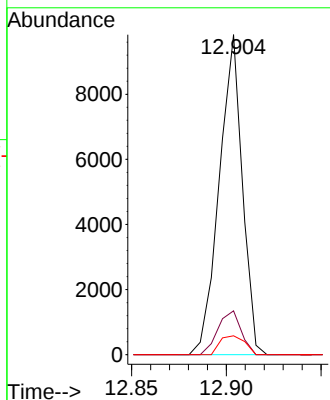
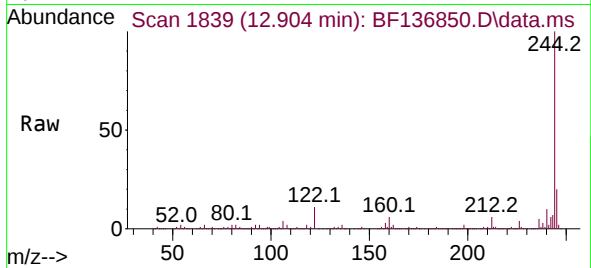




#77
Benzidine
Concen: 2.040 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.241 min
Lab File: BF136850.D
Acq: 30 Dec 2023 03:03

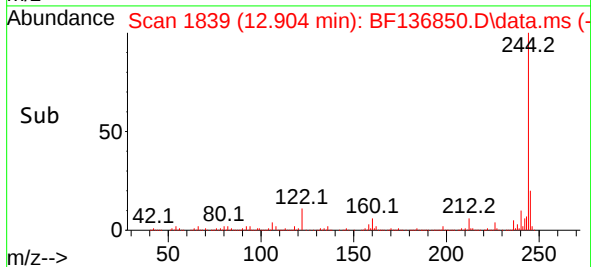
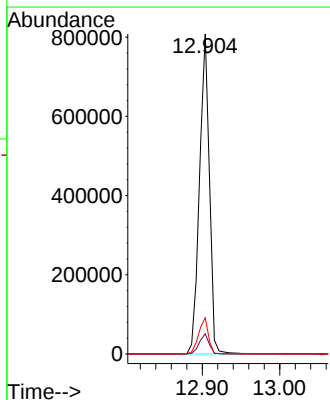
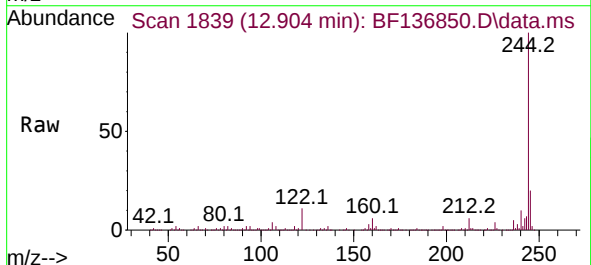
Instrument :
BNA_F
ClientSampleId :
MR-322-0-2

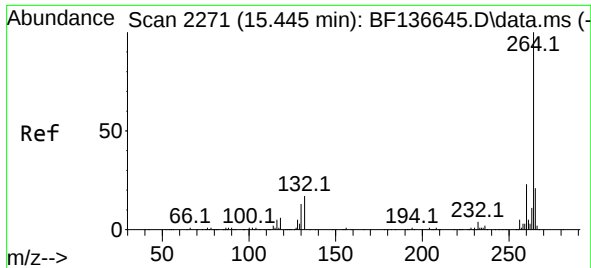
Tgt Ion:184 Resp: 8327
Ion Ratio Lower Upper
184 100
185 13.7 11.2 16.8
183 5.9 9.3 13.9#



#79
Terphenyl-d14
Concen: 72.473 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF136850.D
Acq: 30 Dec 2023 03:03

Tgt Ion:244 Resp: 717806
Ion Ratio Lower Upper
244 100
212 6.3 5.0 7.4
122 11.3 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136850.D
Acq: 30 Dec 2023 03:03

Instrument :
BNA_F
ClientSampleId :
MR-322-0-2

Tgt Ion:264 Resp: 146120

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.3	27.5
265	20.7	17.0	25.6

