

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136712.D
 Acq On : 26 Dec 2023 11:15
 Operator : CG\JU
 Sample : PB157949BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157949BL

Quant Time: Dec 26 11:33:01 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)

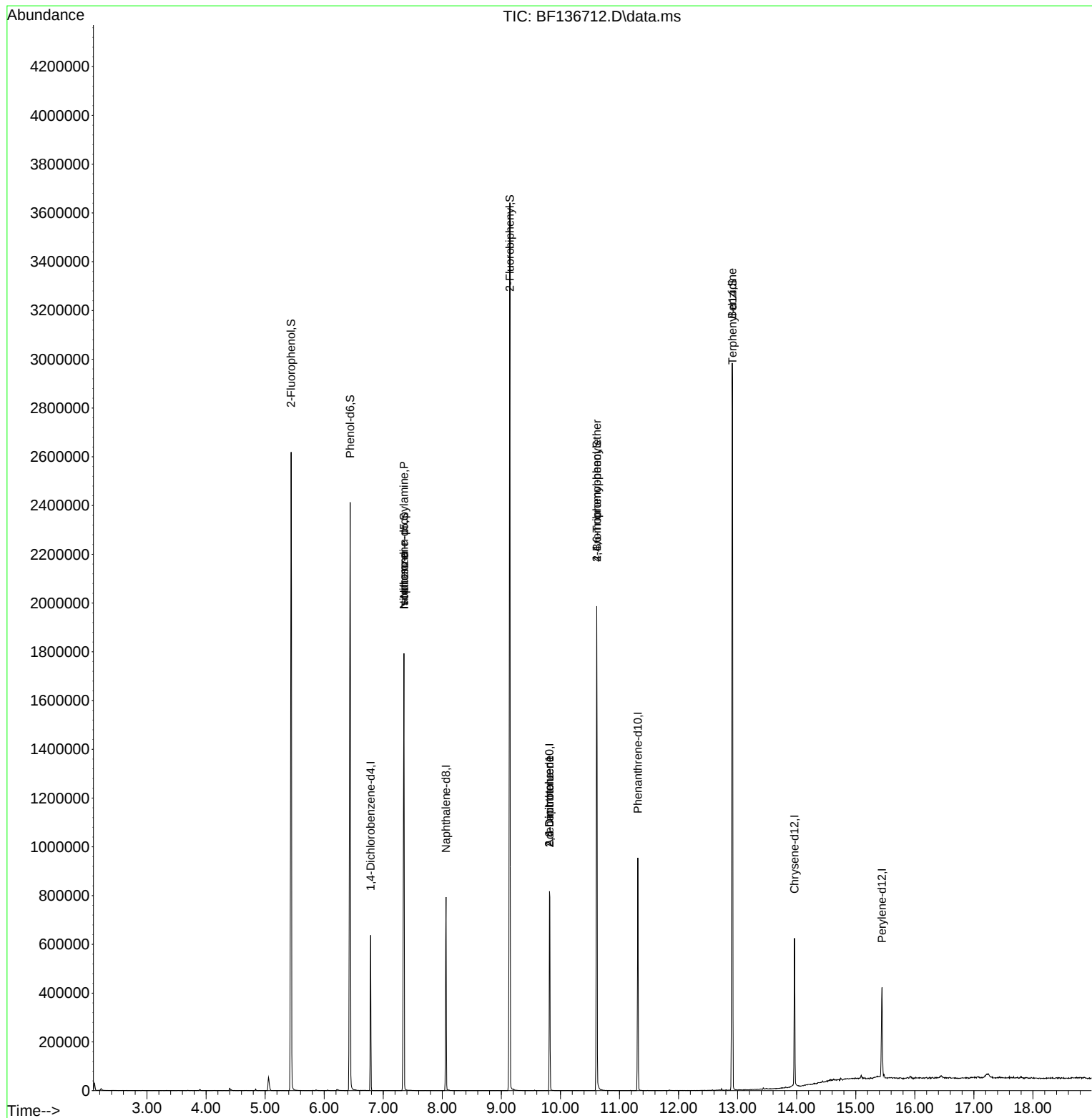
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	89720	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	345085	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	173310	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	334551	20.000	ng	0.00
76) Chrysene-d12	13.963	240	199291	20.000	ng	0.00
86) Perylene-d12	15.445	264	176492	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	803951	139.812	ng	0.01
7) Phenol-d6	6.439	99	1000478	134.276	ng	0.00
23) Nitrobenzene-d5	7.351	82	642514	95.275	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	275649	135.048	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1207713	93.725	ng	0.00
79) Terphenyl-d14	12.916	244	1258254	88.231	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	84789	18.772	ng	# 75
25) Isophorone	7.351	82	637901	51.985	ng	# 65
51) 2,6-Dinitrotoluene	9.816	165	22295	7.760	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	22295	5.978	ng	# 21
67) 4-Bromophenyl-phenylether	10.616	248	16175	4.353	ng	# 1
77) Benzidine	12.910	184	14978	2.549	ng	# 86

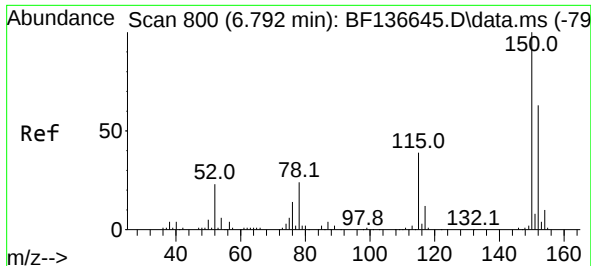
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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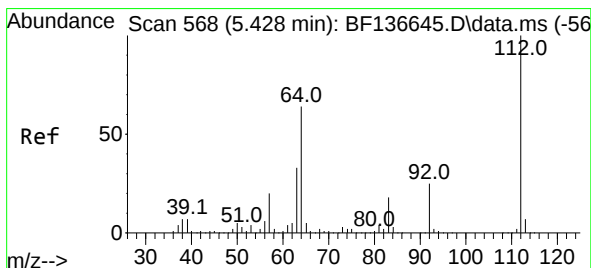
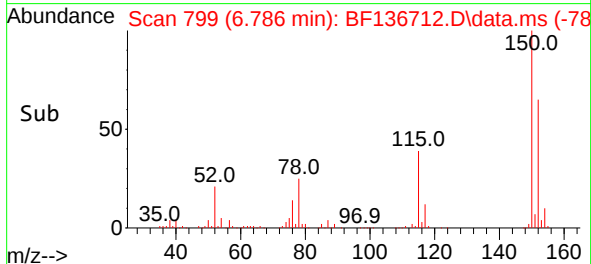
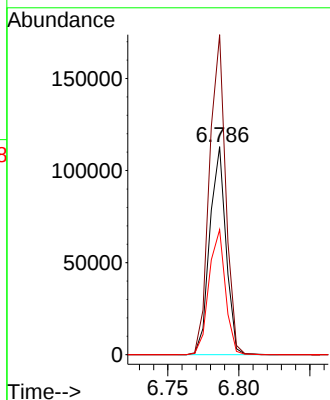
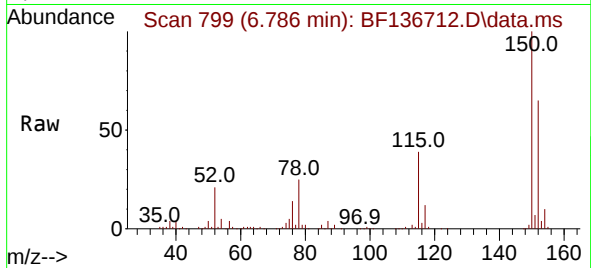




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136712.D
Acq: 26 Dec 2023 11:15

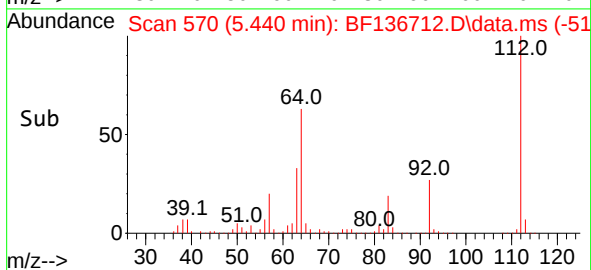
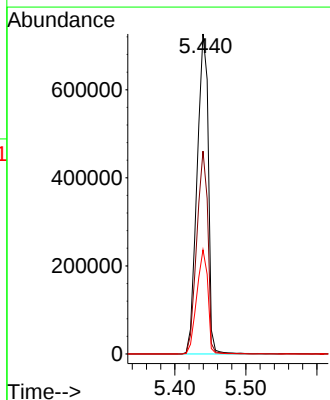
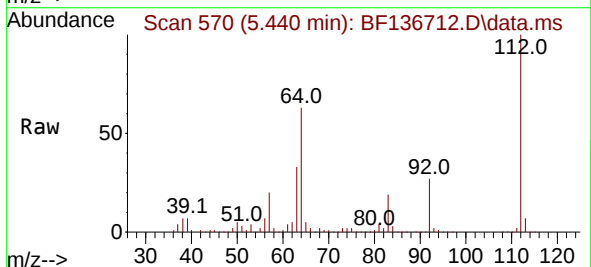
Instrument :
BNA_F
ClientSampleId :
PB157949BL

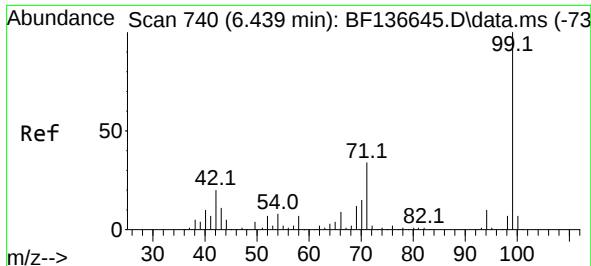
Tgt Ion:152 Resp: 89720
Ion Ratio Lower Upper
152 100
150 153.9 127.0 190.6
115 60.1 49.0 73.4



#5
2-Fluorophenol
Concen: 139.812 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF136712.D
Acq: 26 Dec 2023 11:15

Tgt Ion:112 Resp: 803951
Ion Ratio Lower Upper
112 100
64 63.4 51.1 76.7
63 32.6 26.1 39.1

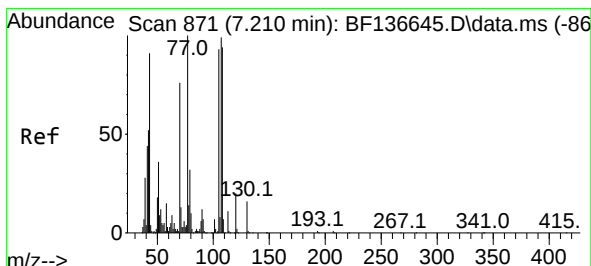
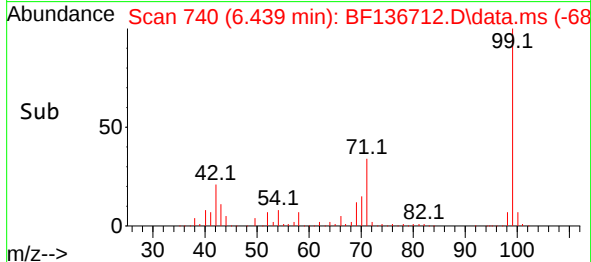
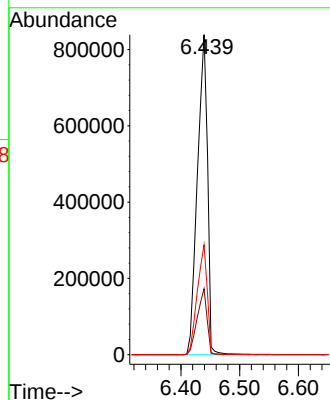
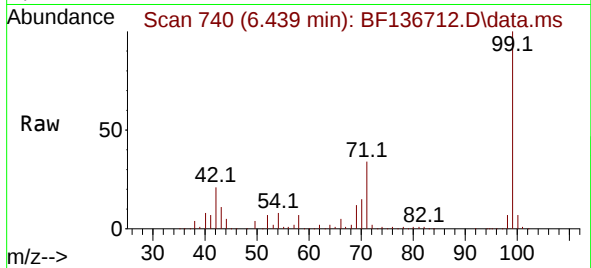




#7
Phenol-d6
Concen: 134.276 ng
RT: 6.439 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF136712.D
Acq: 26 Dec 2023 11:15

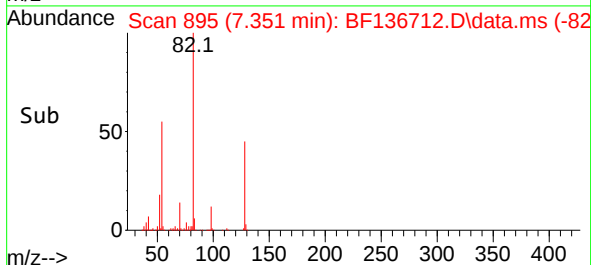
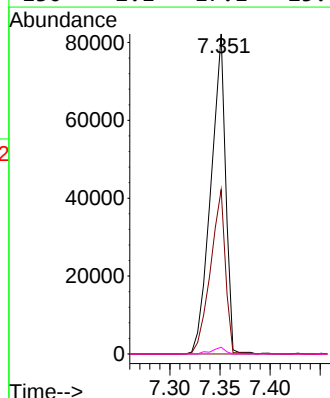
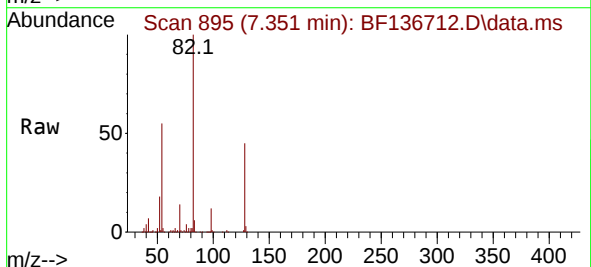
Instrument :
BNA_F
ClientSampleId :
PB157949BL

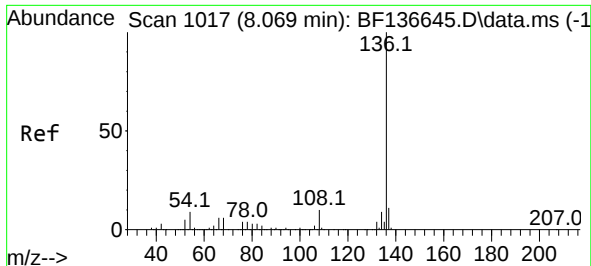
Tgt Ion: 99 Resp: 1000478
Ion Ratio Lower Upper
99 100
42 20.6 16.1 24.1
71 34.4 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 18.772 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF136712.D
Acq: 26 Dec 2023 11:15

Tgt Ion: 70 Resp: 84789
Ion Ratio Lower Upper
70 100
42 51.3 54.2 81.4#
101 0.0 7.6 11.4#
130 2.1 17.1 25.7#



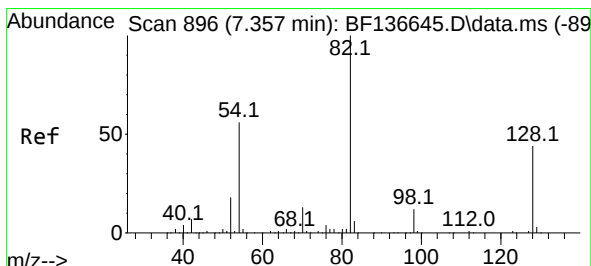
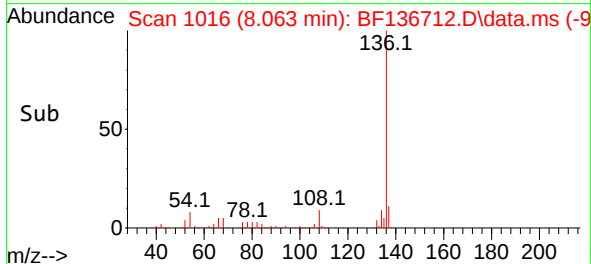
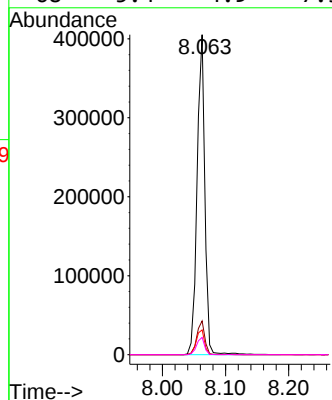
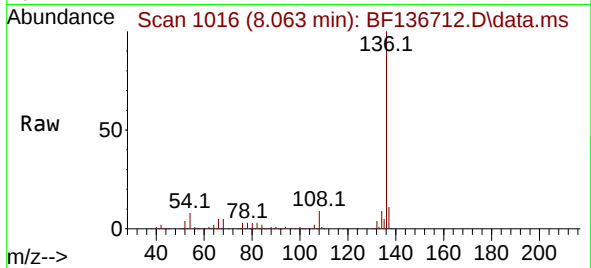


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136712.D
Acq: 26 Dec 2023 11:15

Instrument :
BNA_F
ClientSampleId :
PB157949BL

Tgt Ion:136 Resp: 345085

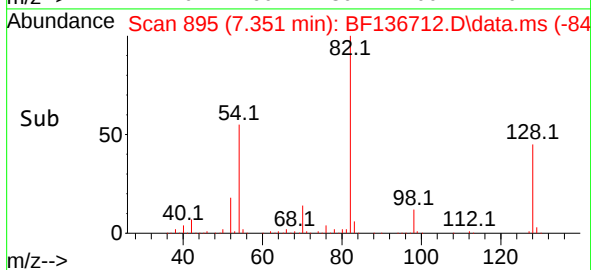
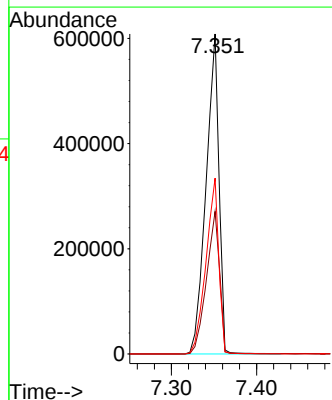
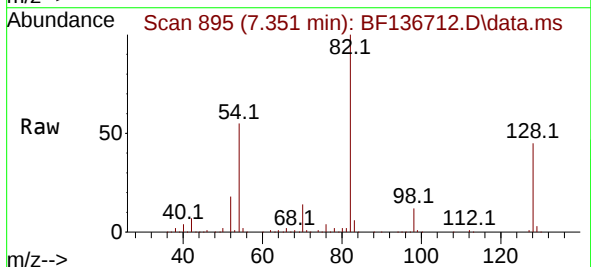
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	7.8	7.2	10.8
68	5.4	4.9	7.3

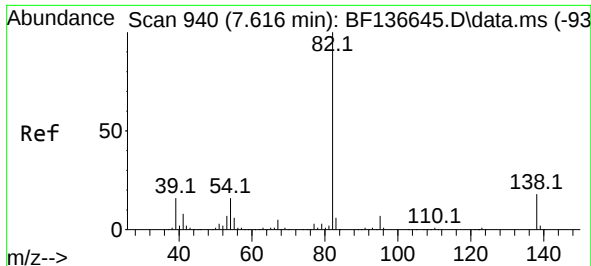


#23
Nitrobenzene-d5
Concen: 95.275 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF136712.D
Acq: 26 Dec 2023 11:15

Tgt Ion: 82 Resp: 642514

Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.3	52.9
54	55.0	44.5	66.7

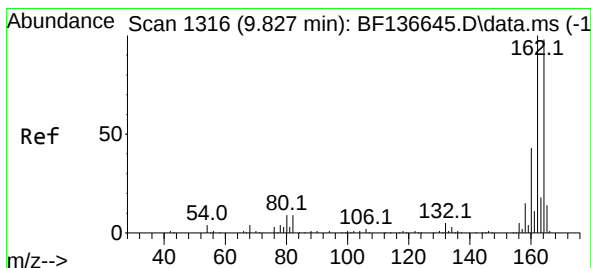
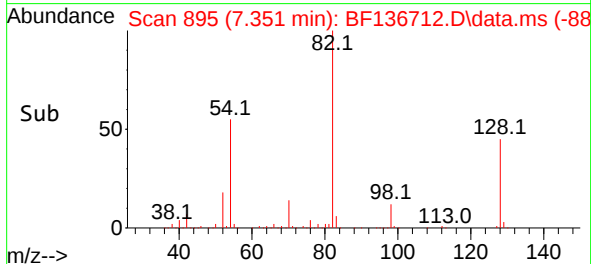
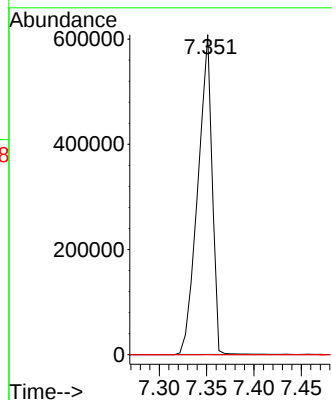
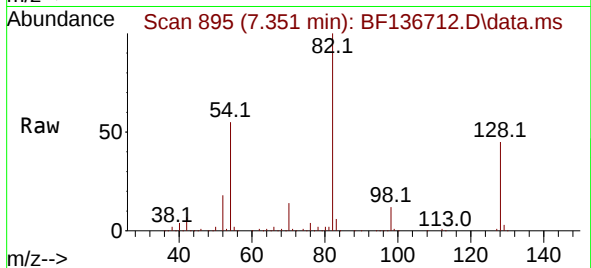




#25
Isophorone
Concen: 51.985 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF136712.D
Acq: 26 Dec 2023 11:15

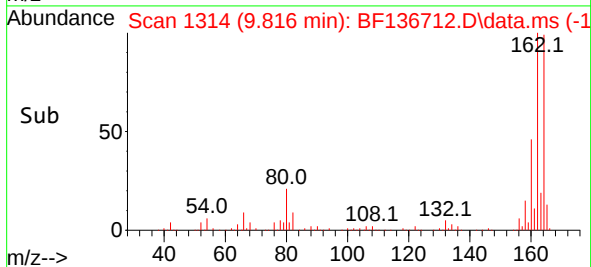
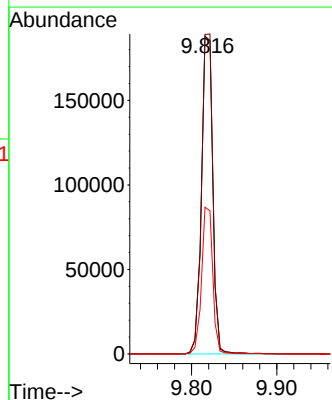
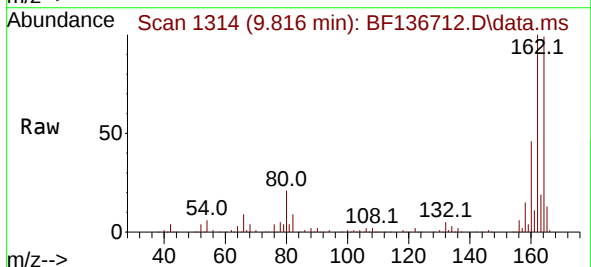
Instrument :
BNA_F
ClientSampleId :
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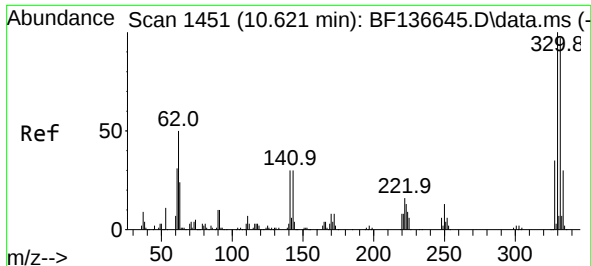
Tgt Ion: 82 Resp: 637901
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136712.D
Acq: 26 Dec 2023 11:15

Tgt Ion: 164 Resp: 173310
Ion Ratio Lower Upper
164 100
162 100.6 81.6 122.4
160 46.2 34.9 52.3

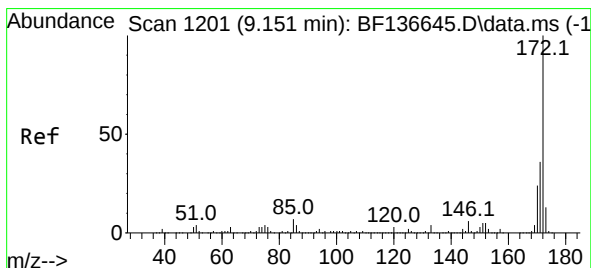
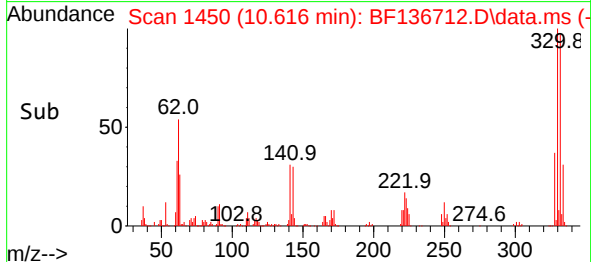
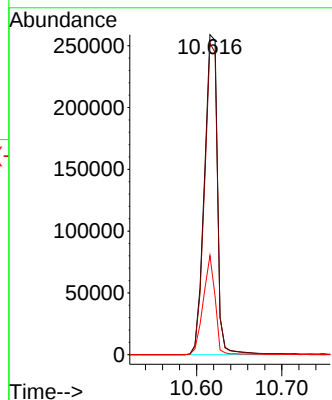
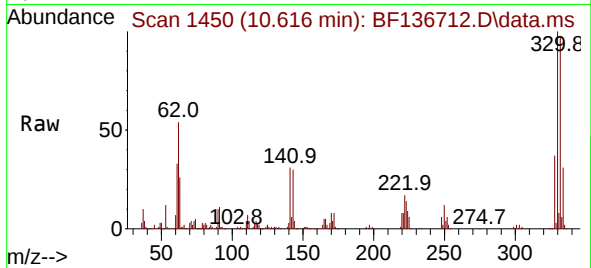




#42
2,4,6-Tribromophenol
Concen: 135.048 ng
RT: 10.616 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF136712.D
Acq: 26 Dec 2023 11:15

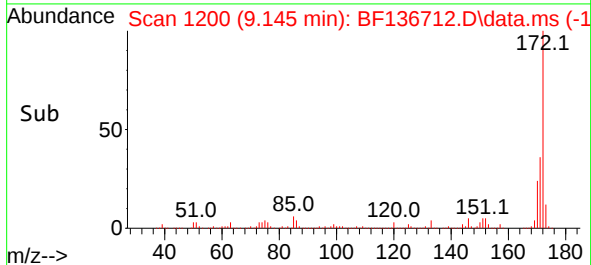
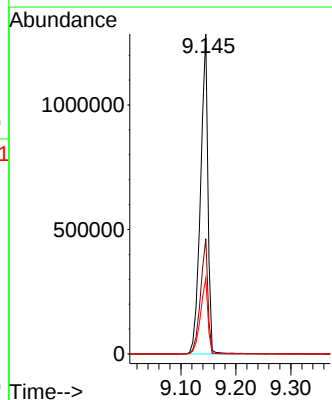
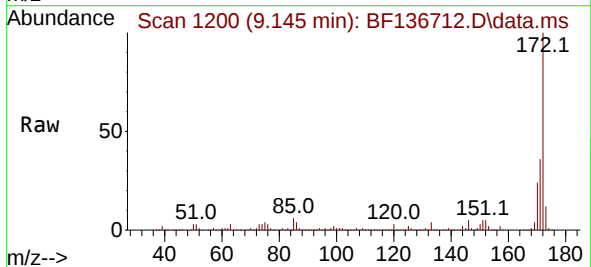
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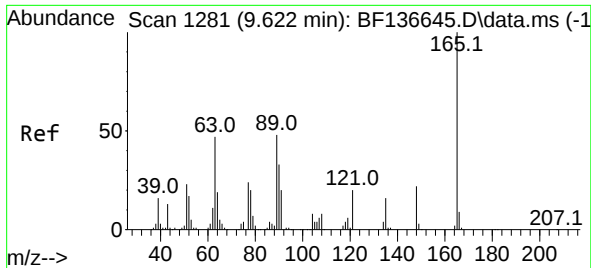
Tgt Ion:330 Resp: 275649
Ion Ratio Lower Upper
330 100
332 95.9 77.4 116.0
141 28.3 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 93.725 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF136712.D
Acq: 26 Dec 2023 11:15

Tgt Ion:172 Resp: 1207713
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.6
170 23.8 19.0 28.4

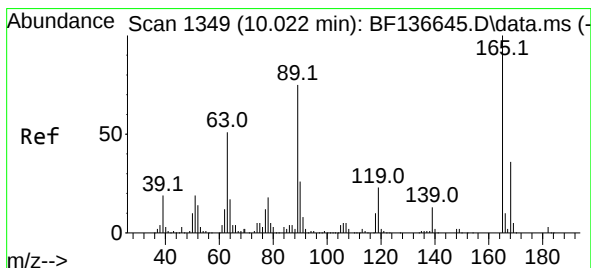
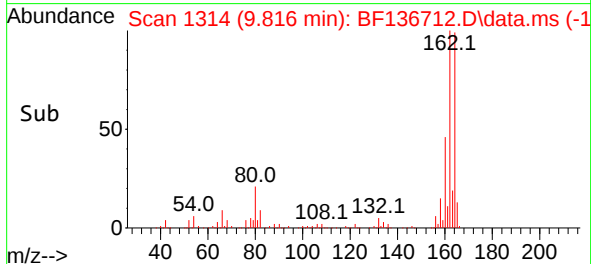
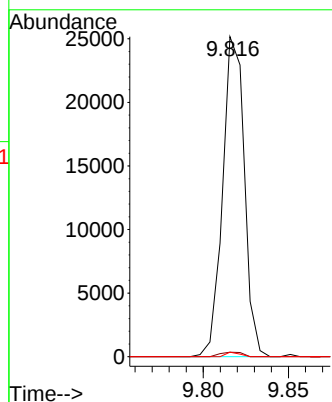
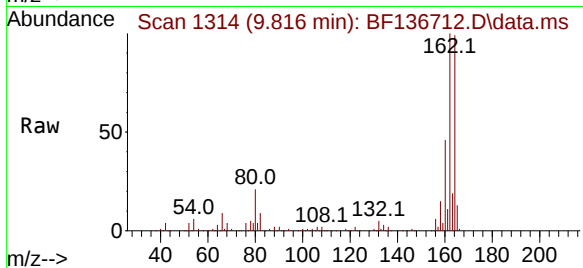




#51
2,6-Dinitrotoluene
Concen: 7.760 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF136712.D
Acq: 26 Dec 2023 11:15

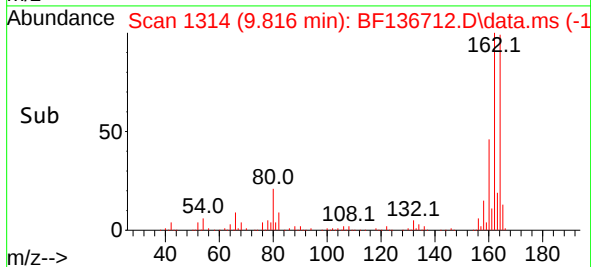
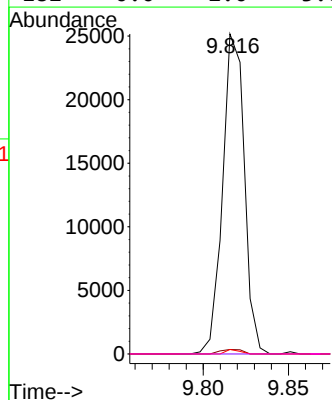
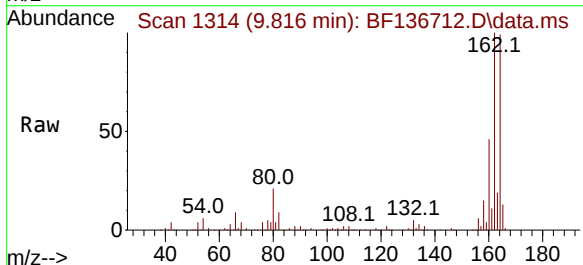
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ClientSampleId :
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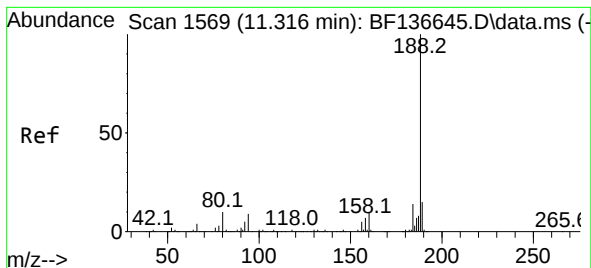
Tgt Ion:165 Resp: 22295
Ion Ratio Lower Upper
165 100
63 1.4 39.8 59.6#
89 1.4 38.8 58.2#



#57
2,4-Dinitrotoluene
Concen: 5.978 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.206 min
Lab File: BF136712.D
Acq: 26 Dec 2023 11:15

Tgt Ion:165 Resp: 22295
Ion Ratio Lower Upper
165 100
63 1.4 41.0 61.6#
89 1.4 59.9 89.9#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136712.D

Acq: 26 Dec 2023 11:15

Instrument :

BNA_F

ClientSampleId :

PB157949BL

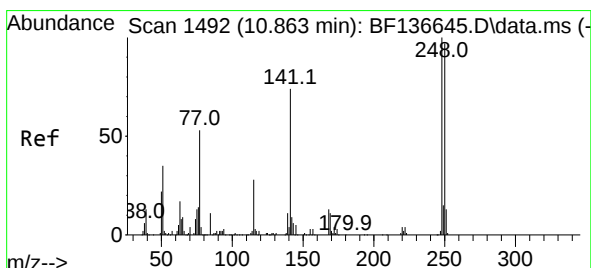
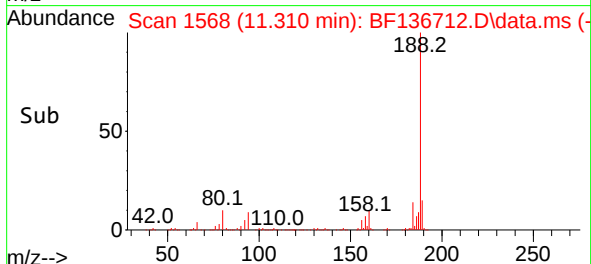
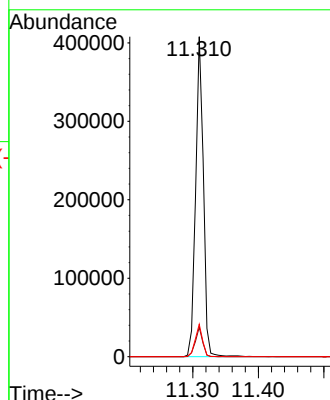
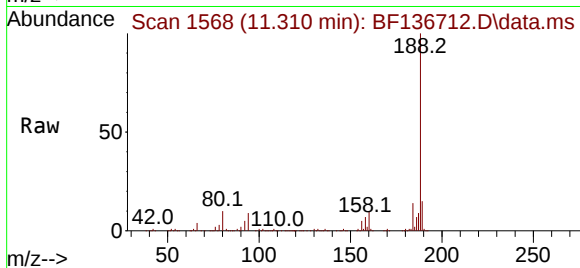
Tgt Ion:188 Resp: 334551

Ion Ratio Lower Upper

188 100

94 9.2 7.5 11.3

80 10.2 8.1 12.1



#67

4-Bromophenyl-phenylether

Concen: 4.353 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.247 min

Lab File: BF136712.D

Acq: 26 Dec 2023 11:15

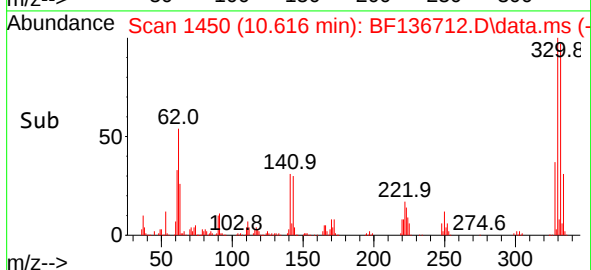
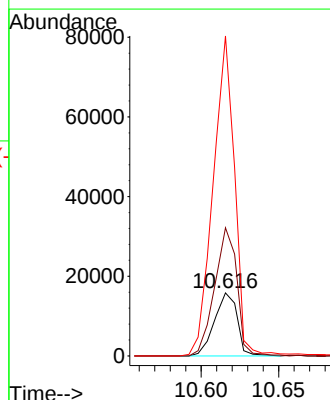
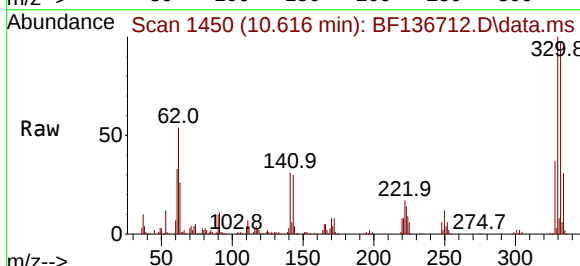
Tgt Ion:248 Resp: 16175

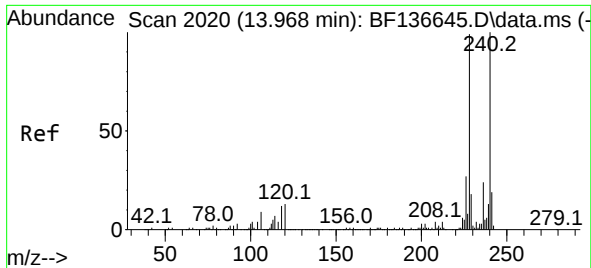
Ion Ratio Lower Upper

248 100

250 203.5 77.8 116.6#

141 507.8 59.2 88.8#

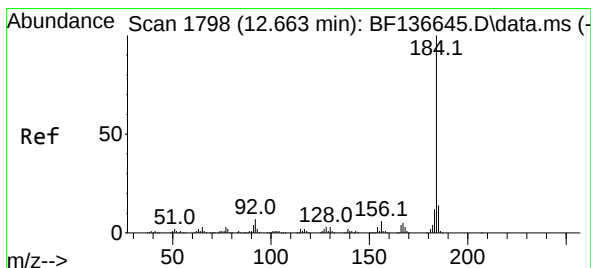
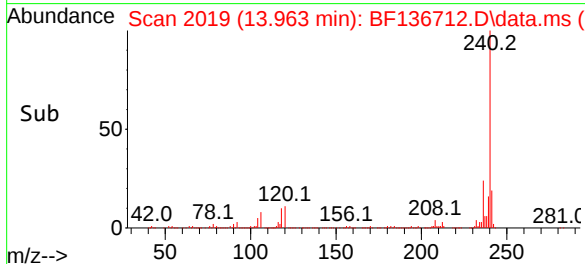
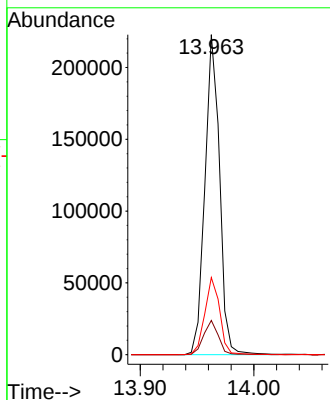
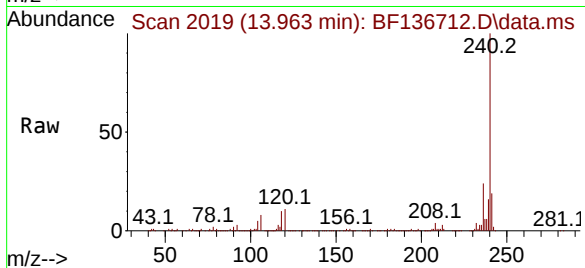




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF136712.D
Acq: 26 Dec 2023 11:15

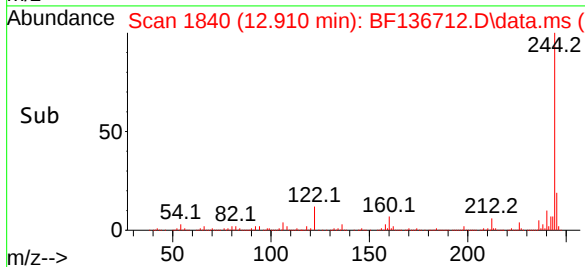
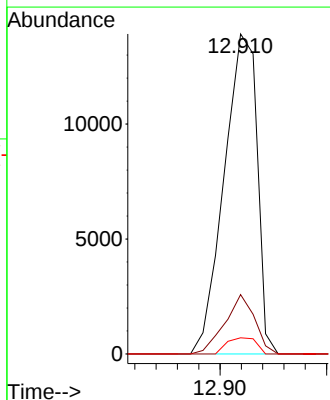
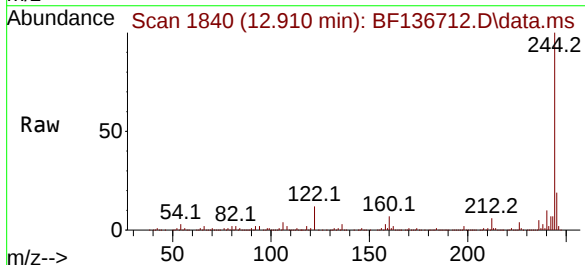
Instrument :
BNA_F
ClientSampleId :
PB157949BL

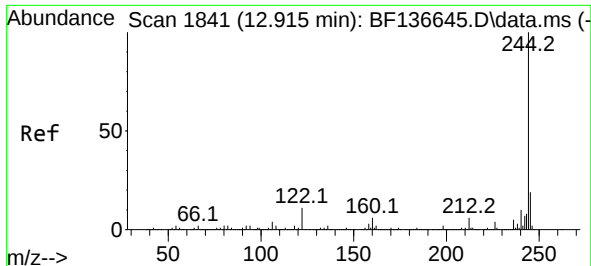
Tgt Ion:240 Resp: 199291
Ion Ratio Lower Upper
240 100
120 10.7 10.3 15.5
236 24.1 19.4 29.2



#77
Benzidine
Concen: 2.549 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.247 min
Lab File: BF136712.D
Acq: 26 Dec 2023 11:15

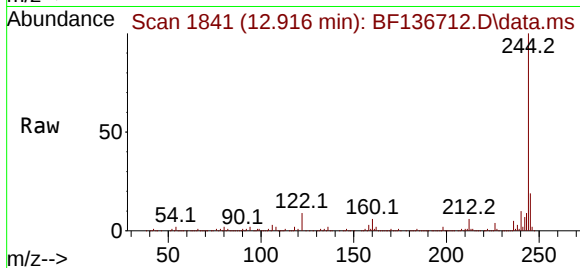
Tgt Ion:184 Resp: 14978
Ion Ratio Lower Upper
184 100
185 18.5 11.2 16.8#
183 5.0 9.3 13.9#



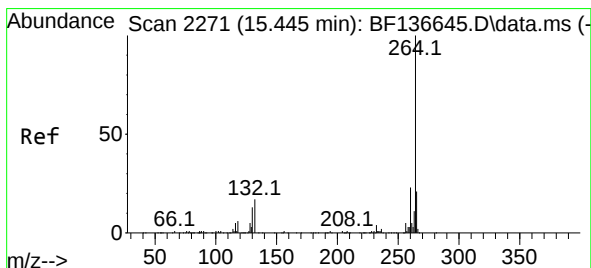
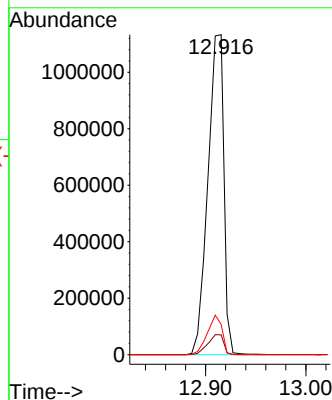
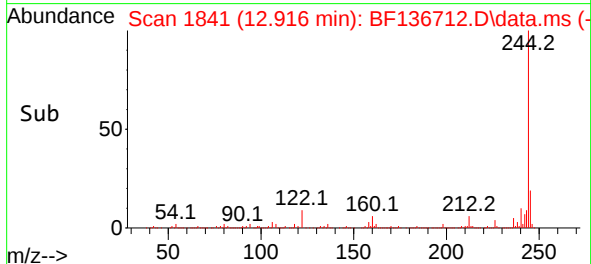


#79
 Terphenyl-d14
 Concen: 88.231 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. 0.000 min
 Lab File: BF136712.D
 Acq: 26 Dec 2023 11:15

Instrument :
 BNA_F
 ClientSampleId :
 PB157949BL



Tgt Ion:244 Resp: 1258254
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 9.5 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: BF136712.D
 Acq: 26 Dec 2023 11:15

Tgt Ion:264 Resp: 176492
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.3 27.5
 265 19.9 17.0 25.6

