

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136852.D
 Acq On : 30 Dec 2023 04:11
 Operator : CG\JU
 Sample : 06031-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-321-0-2

Quant Time: Dec 30 05:22:40 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)

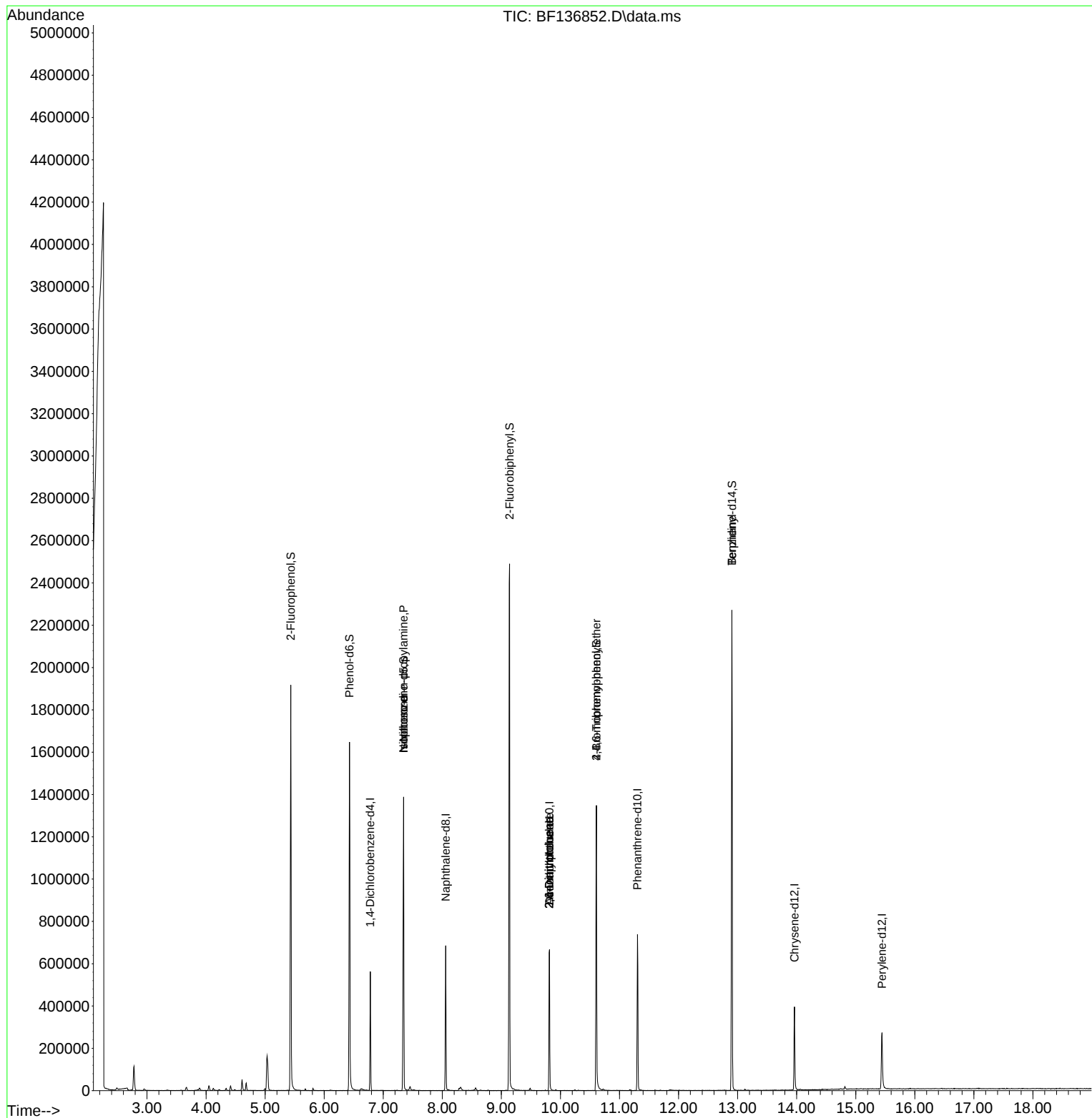
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	74170	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	283064	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	147755	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	276234	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	143440	20.000	ng	0.00
86) Perylene-d12	15.445	264	145173	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	515631	108.471	ng	0.00
7) Phenol-d6	6.428	99	594092	96.451	ng	-0.01
23) Nitrobenzene-d5	7.345	82	433414	78.351	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	178357	102.496	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	864017	78.650	ng	-0.01
79) Terphenyl-d14	12.904	244	858146	83.605	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	56961	15.255	ng	# 73
25) Isophorone	7.345	82	433410	43.059	ng	# 65
50) Dimethylphthalate	9.816	163	29715	2.753	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	19262	7.864	ng	# 29
57) 2,4-Dinitrotoluene	9.810	165	19262	6.058	ng	# 20
67) 4-Bromophenyl-phenylether	10.610	248	10437	3.402	ng	# 1
77) Benzidine	12.904	184	9324	2.205	ng	# 89

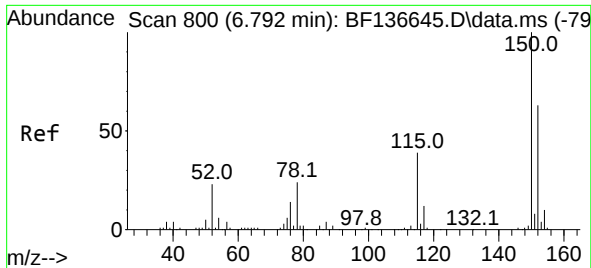
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
Data File : BF136852.D
Acq On : 30 Dec 2023 04:11
Operator : CG\JU
Sample : 06031-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MR-321-0-2

Quant Time: Dec 30 05:22:40 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

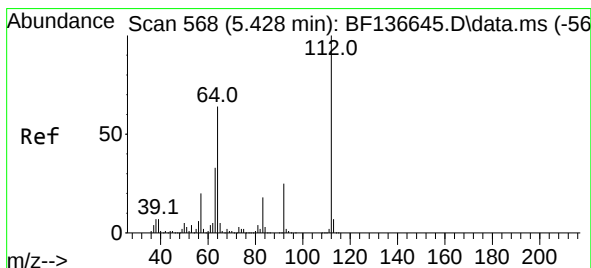
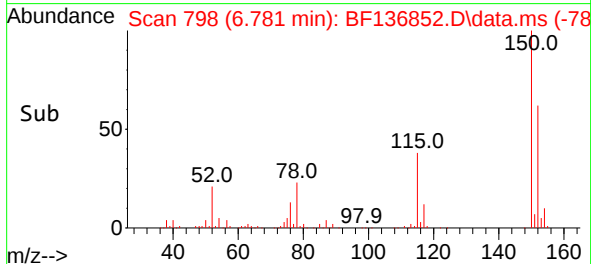
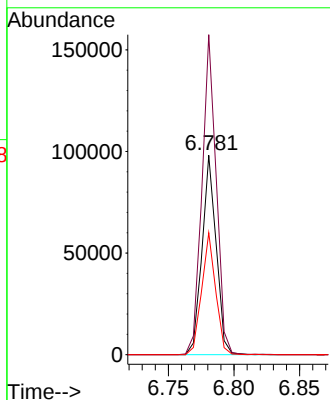
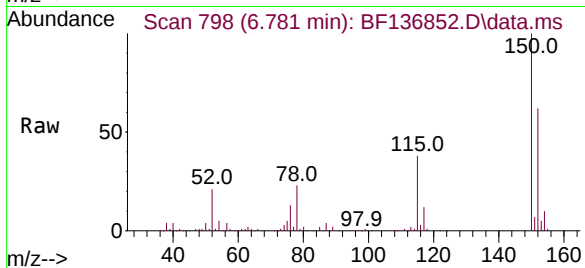




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF136852.D
 Acq: 30 Dec 2023 04:11

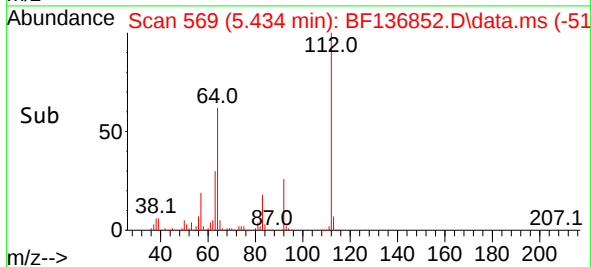
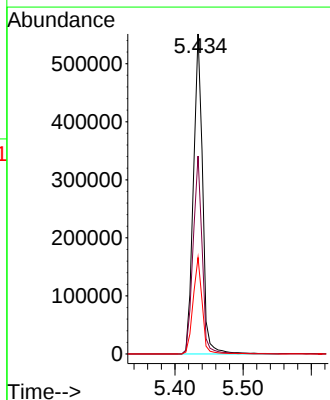
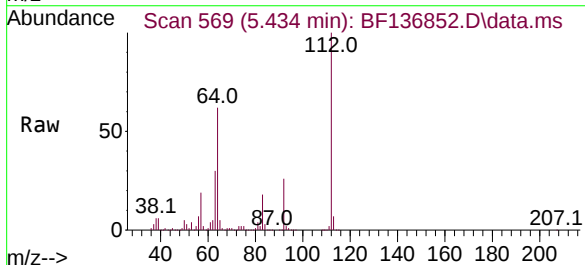
Instrument :
 BNA_F
 ClientSampleId :
 MR-321-0-2

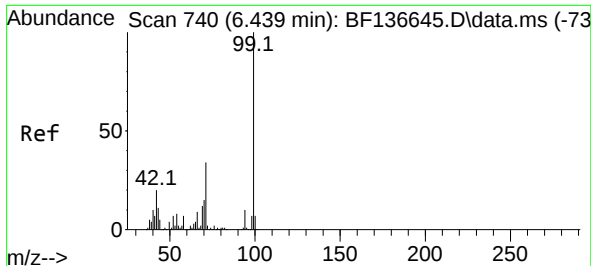
Tgt Ion:152 Resp: 74170
 Ion Ratio Lower Upper
 152 100
 150 160.5 127.0 190.6
 115 61.1 49.0 73.4



#5
 2-Fluorophenol
 Concen: 108.471 ng
 RT: 5.434 min Scan# 569
 Delta R.T. 0.006 min
 Lab File: BF136852.D
 Acq: 30 Dec 2023 04:11

Tgt Ion:112 Resp: 515631
 Ion Ratio Lower Upper
 112 100
 64 61.8 51.1 76.7
 63 30.1 26.1 39.1

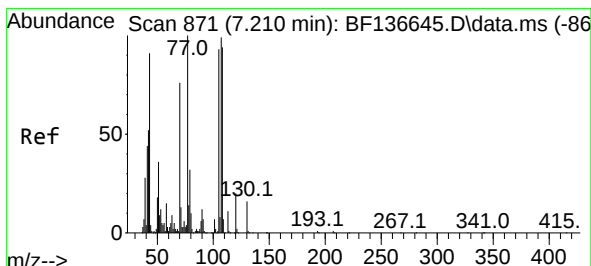
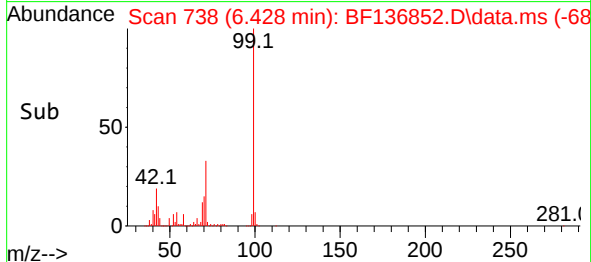
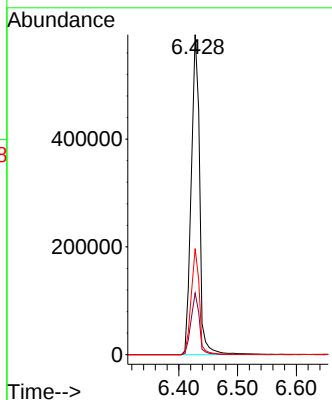
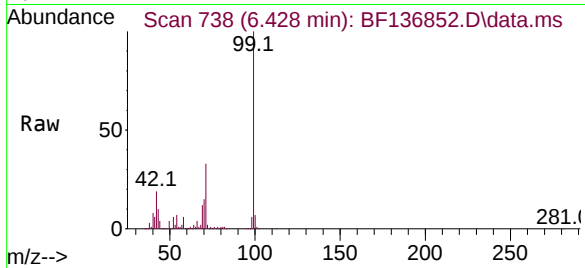




#7
Phenol-d6
Concen: 96.451 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136852.D
Acq: 30 Dec 2023 04:11

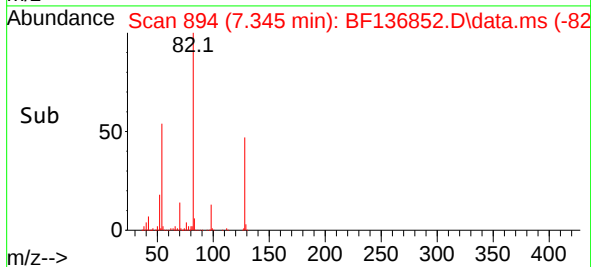
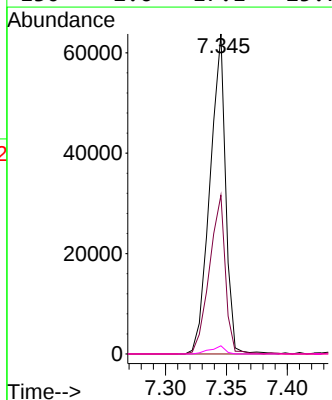
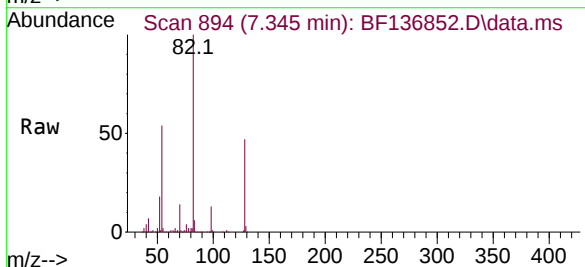
Instrument :
BNA_F
ClientSampleId :
MR-321-0-2

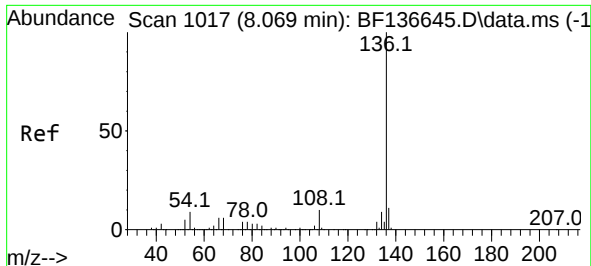
Tgt Ion: 99 Resp: 594092
Ion Ratio Lower Upper
99 100
42 19.3 16.1 24.1
71 33.1 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.255 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136852.D
Acq: 30 Dec 2023 04:11

Tgt Ion: 70 Resp: 56961
Ion Ratio Lower Upper
70 100
42 49.6 54.2 81.4#
101 0.0 7.6 11.4#
130 2.6 17.1 25.7#



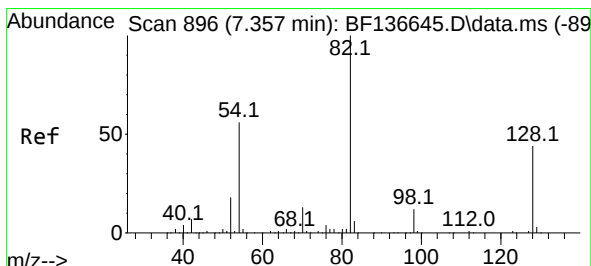
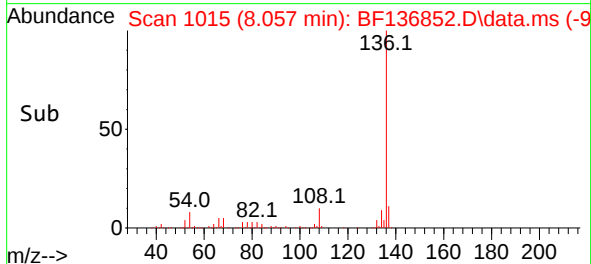
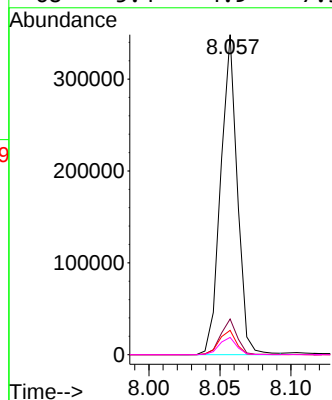
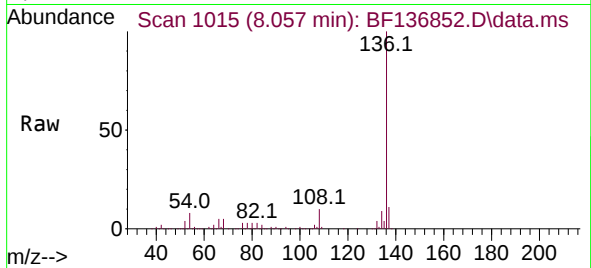


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136852.D
Acq: 30 Dec 2023 04:11

Instrument :
BNA_F
ClientSampleId :
MR-321-0-2

Tgt Ion:136 Resp: 283064

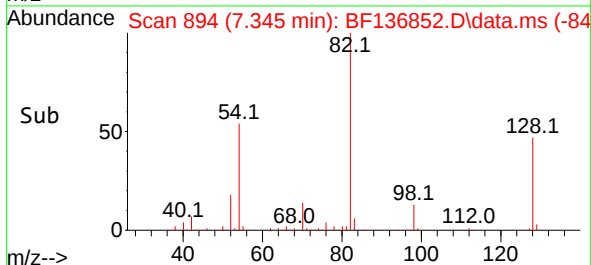
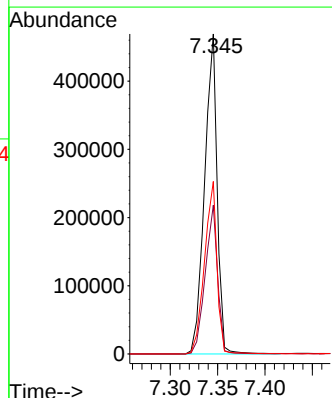
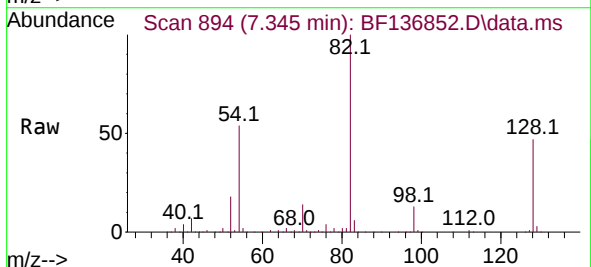
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.6	7.2	10.8
68	5.4	4.9	7.3

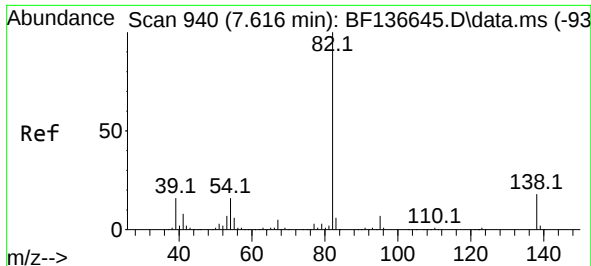


#23
Nitrobenzene-d5
Concen: 78.351 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136852.D
Acq: 30 Dec 2023 04:11

Tgt Ion: 82 Resp: 433414

Ion	Ratio	Lower	Upper
82	100		
128	46.5	35.3	52.9
54	53.9	44.5	66.7

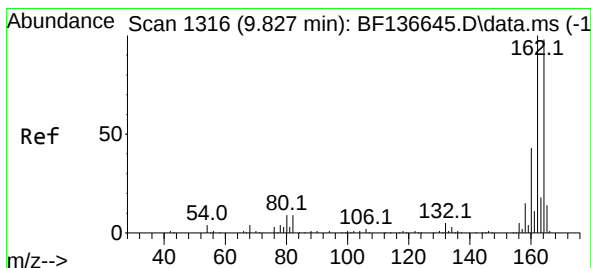
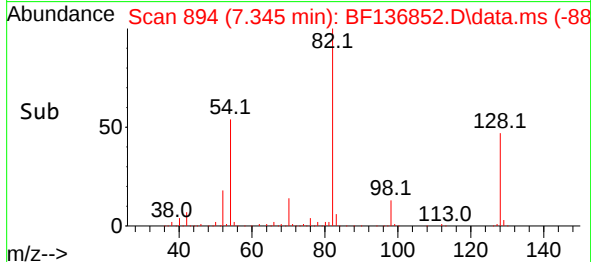
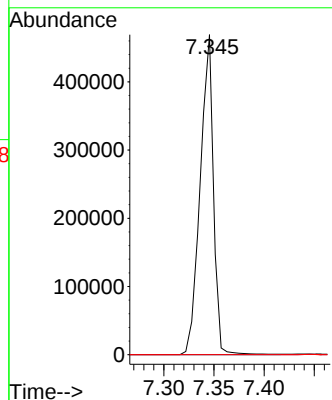
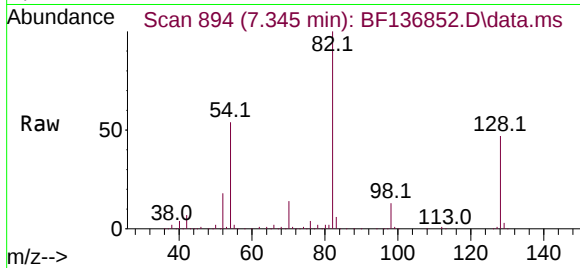




#25
Isophorone
Concen: 43.059 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF136852.D
Acq: 30 Dec 2023 04:11

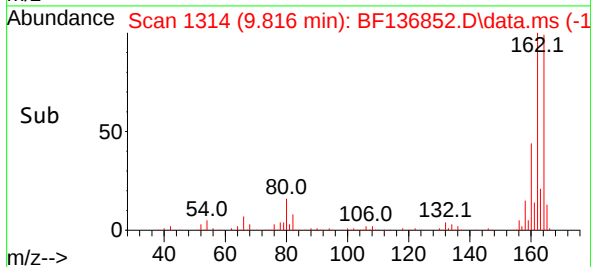
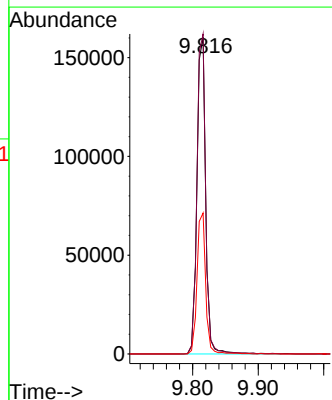
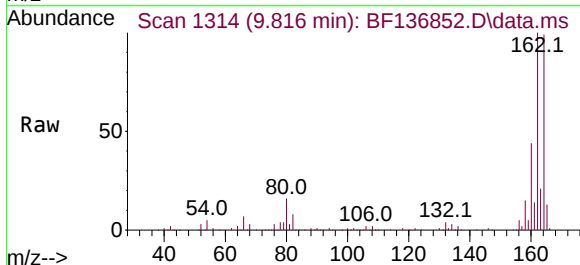
Instrument :
BNA_F
ClientSampleId :
MR-321-0-2

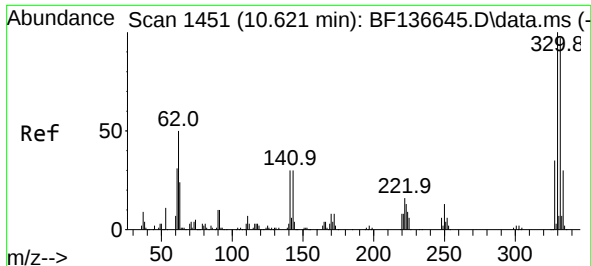
Tgt Ion: 82 Resp: 433410
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136852.D
Acq: 30 Dec 2023 04:11

Tgt Ion:164 Resp: 147755
Ion Ratio Lower Upper
164 100
162 101.0 81.6 122.4
160 44.5 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 102.496 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF136852.D

Acq: 30 Dec 2023 04:11

Instrument :

BNA_F

ClientSampleId :

MR-321-0-2

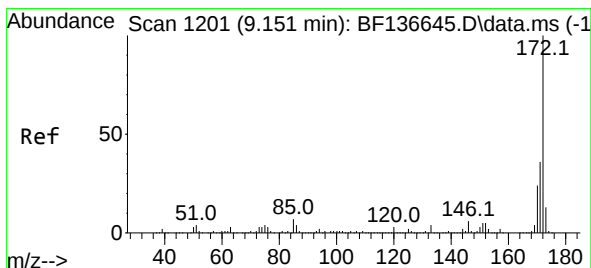
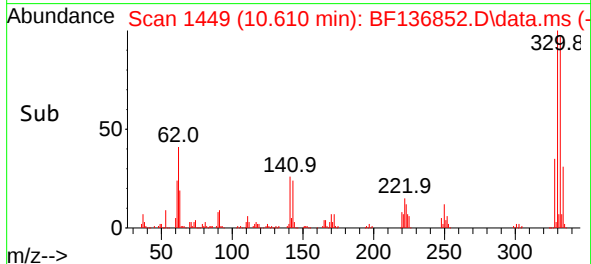
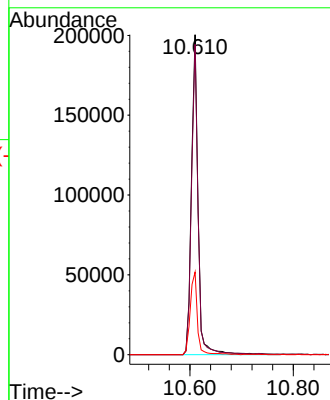
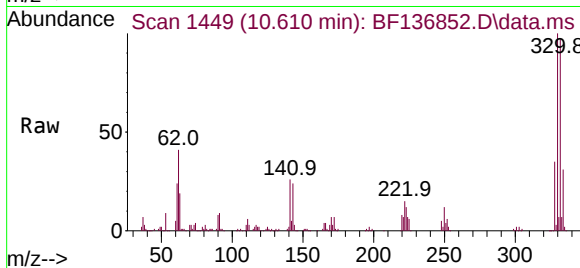
Tgt Ion:330 Resp: 178357

Ion Ratio Lower Upper

330 100

332 95.9 77.4 116.0

141 27.9 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 78.650 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136852.D

Acq: 30 Dec 2023 04:11

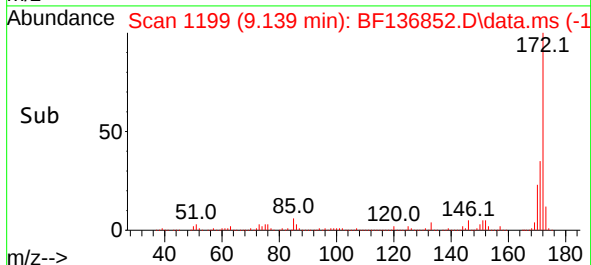
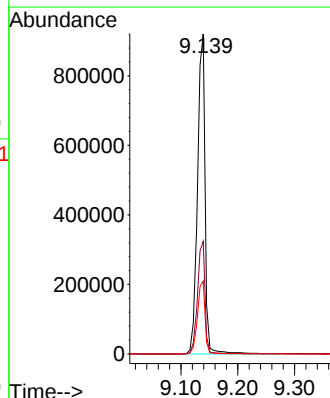
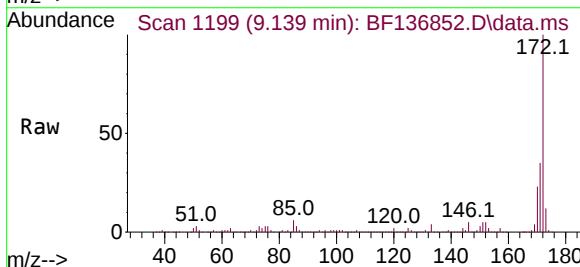
Tgt Ion:172 Resp: 864017

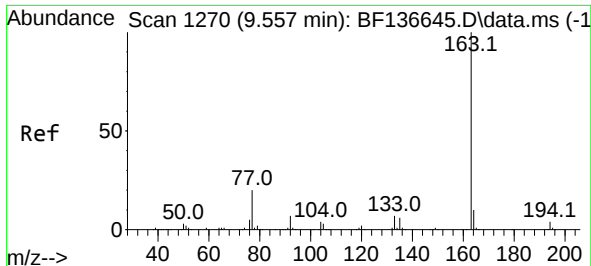
Ion Ratio Lower Upper

172 100

171 35.2 29.0 43.6

170 22.8 19.0 28.4

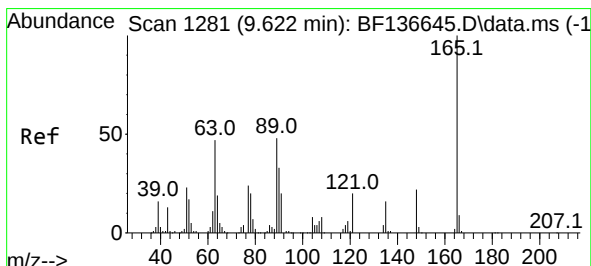
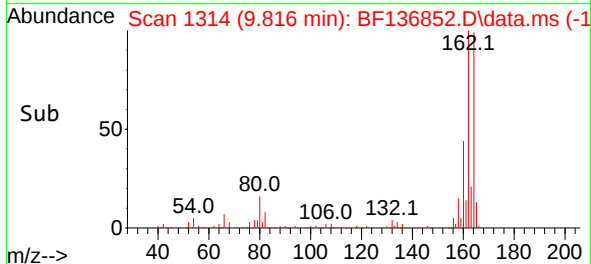
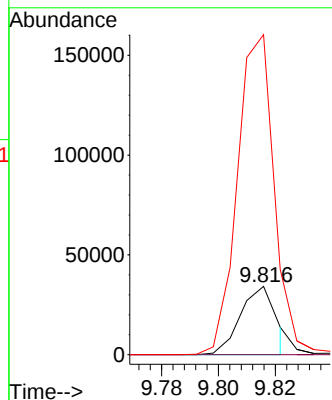
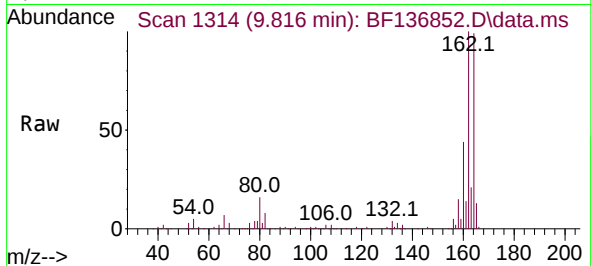




#50
Dimethylphthalate
Concen: 2.753 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF136852.D
Acq: 30 Dec 2023 04:11

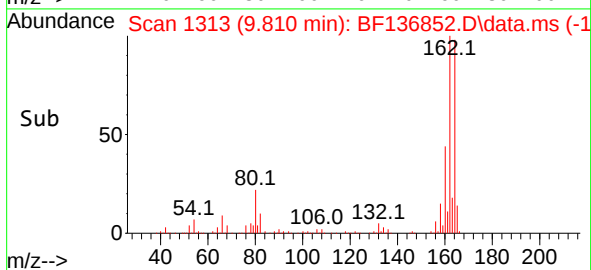
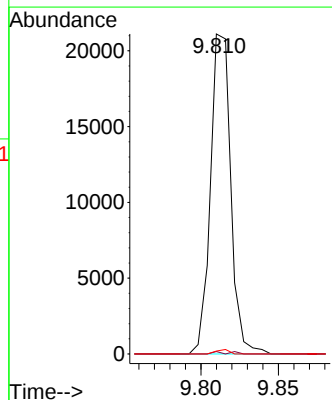
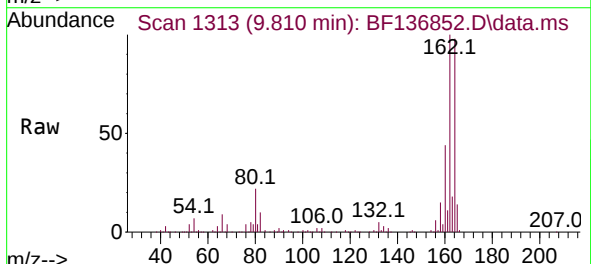
Instrument :
BNA_F
ClientSampleId :
MR-321-0-2

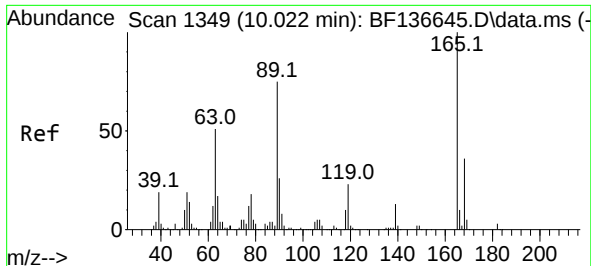
Tgt Ion:163 Resp: 29715
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 468.4 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.864 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.188 min
Lab File: BF136852.D
Acq: 30 Dec 2023 04:11

Tgt Ion:165 Resp: 19262
Ion Ratio Lower Upper
165 100
63 0.8 39.8 59.6#
89 0.9 38.8 58.2#

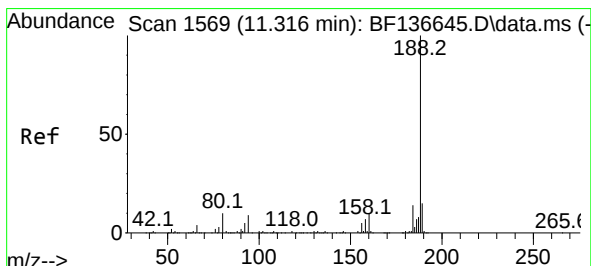
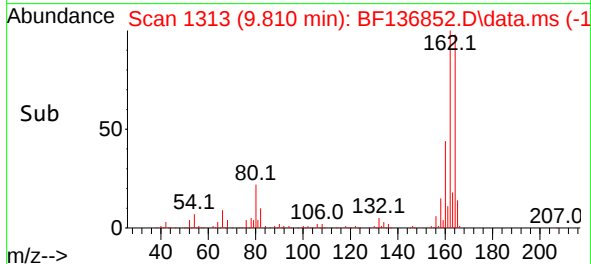
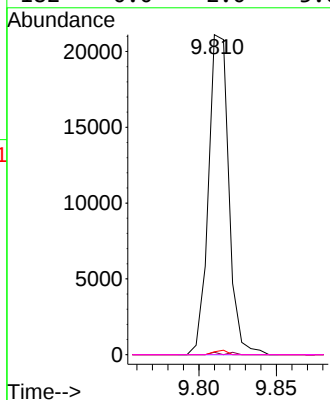
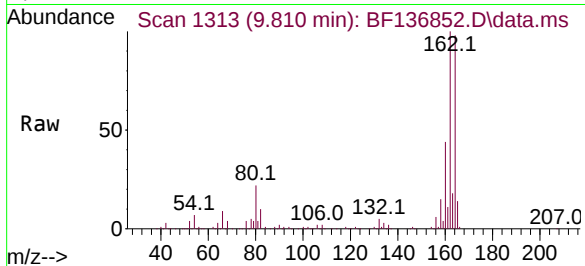




#57
2,4-Dinitrotoluene
Concen: 6.058 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF136852.D
Acq: 30 Dec 2023 04:11

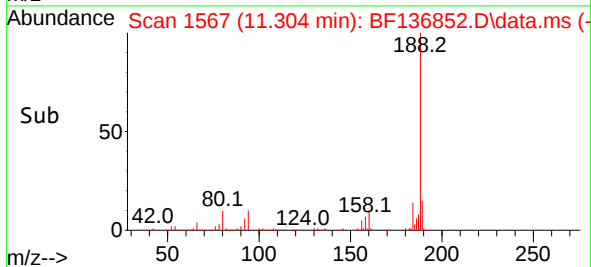
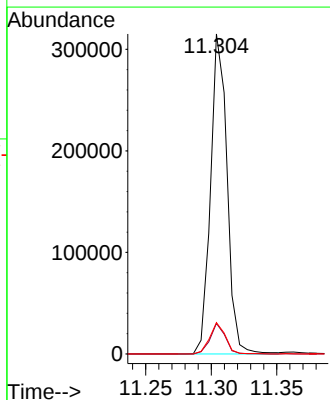
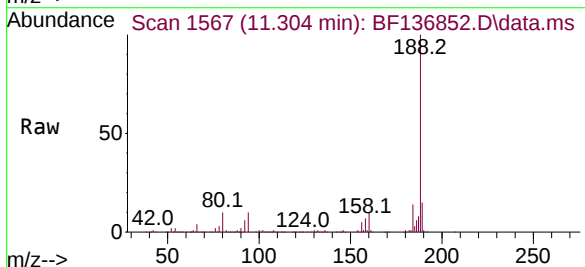
Instrument :
BNA_F
ClientSampleId :
MR-321-0-2

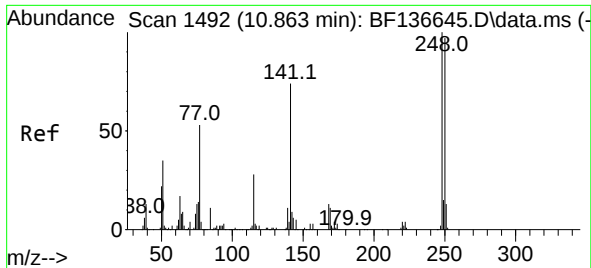
Tgt Ion:165 Resp: 19262
Ion Ratio Lower Upper
165 100
63 0.8 41.0 61.6#
89 0.9 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF136852.D
Acq: 30 Dec 2023 04:11

Tgt Ion:188 Resp: 276234
Ion Ratio Lower Upper
188 100
94 9.6 7.5 11.3
80 9.8 8.1 12.1

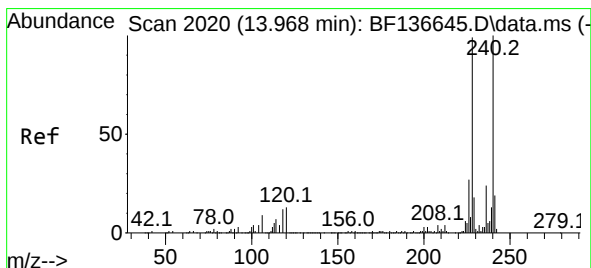
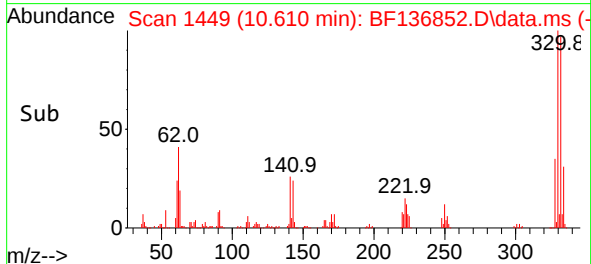
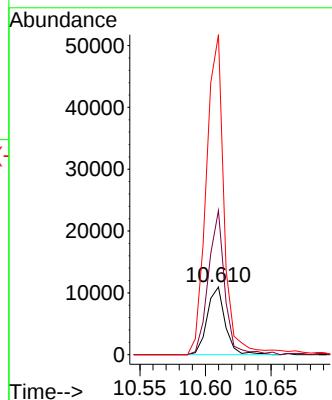
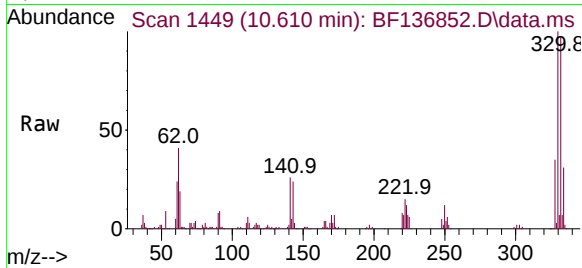




#67
4-Bromophenyl-phenylether
Concen: 3.402 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136852.D
Acq: 30 Dec 2023 04:11

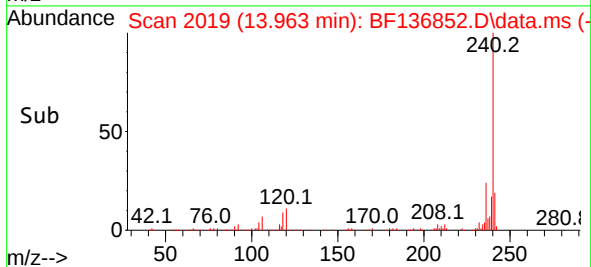
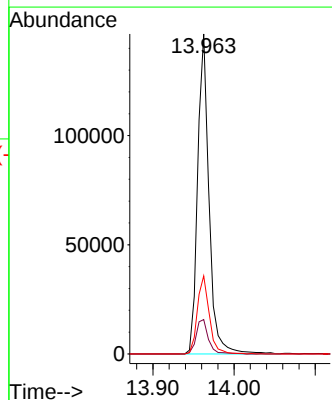
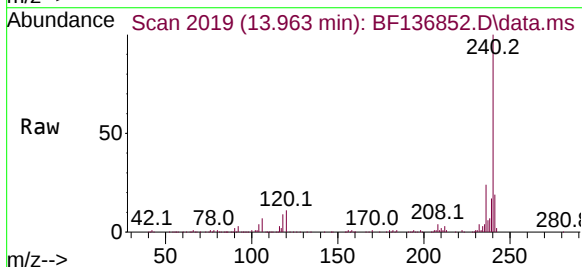
Instrument :
BNA_F
ClientSampleId :
MR-321-0-2

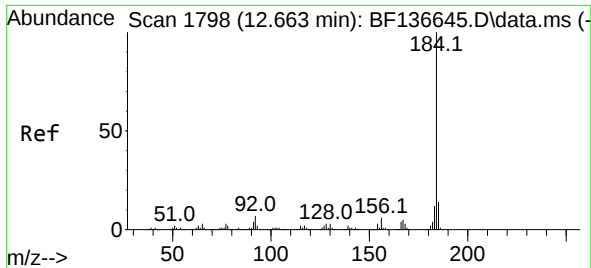
Tgt Ion:248 Resp: 10437
Ion Ratio Lower Upper
248 100
250 212.8 77.8 116.6#
141 472.3 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136852.D
Acq: 30 Dec 2023 04:11

Tgt Ion:240 Resp: 143440
Ion Ratio Lower Upper
240 100
120 10.8 10.3 15.5
236 24.4 19.4 29.2

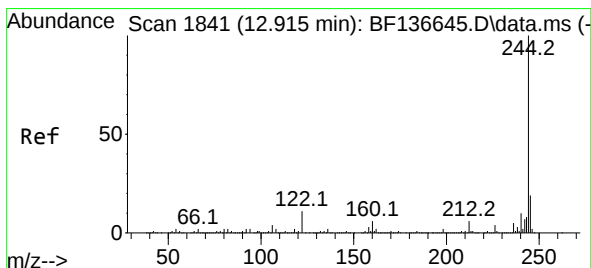
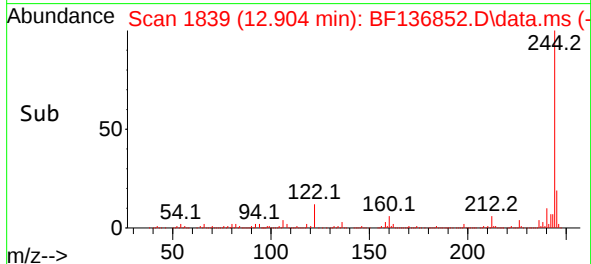
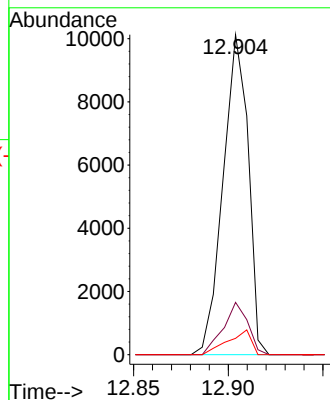
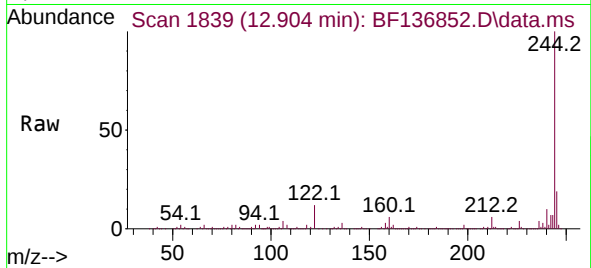




#77
Benzidine
Concen: 2.205 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.241 min
Lab File: BF136852.D
Acq: 30 Dec 2023 04:11

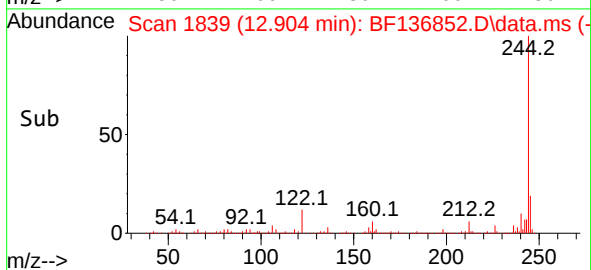
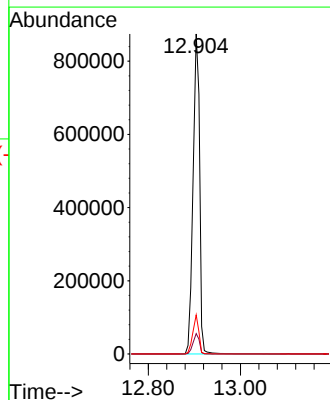
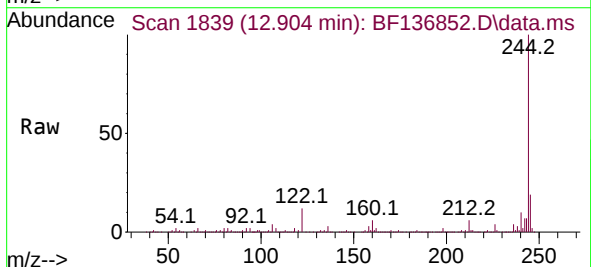
Instrument :
BNA_F
ClientSampleId :
MR-321-0-2

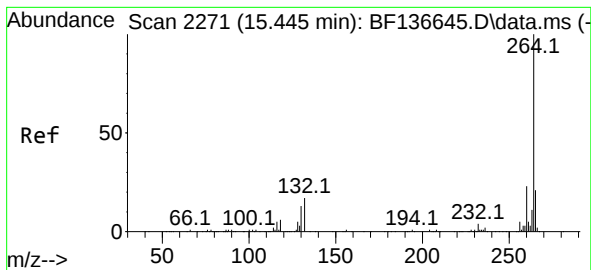
Tgt Ion:184 Resp: 9324
Ion Ratio Lower Upper
184 100
185 16.4 11.2 16.8
183 5.1 9.3 13.9#



#79
Terphenyl-d14
Concen: 83.605 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF136852.D
Acq: 30 Dec 2023 04:11

Tgt Ion:244 Resp: 858146
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# 21

Delta R.T. 0.000 min

Lab File: BF136852.D

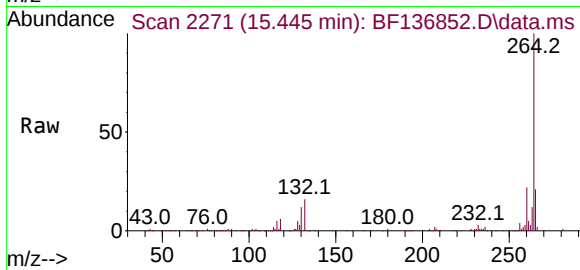
Acq: 30 Dec 2023 04:11

Instrument :

BNA_F

ClientSampleId :

MR-321-0-2



Tgt Ion:264 Resp: 145173

Ion Ratio Lower Upper

264 100

260 21.9 18.3 27.5

265 21.1 17.0 25.6

