

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
 Data File : BF136935.D
 Acq On : 04 Jan 2024 12:02
 Operator : CG\JU
 Sample : PB158180BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158180BL

Quant Time: Jan 04 12:33:17 2024
 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)

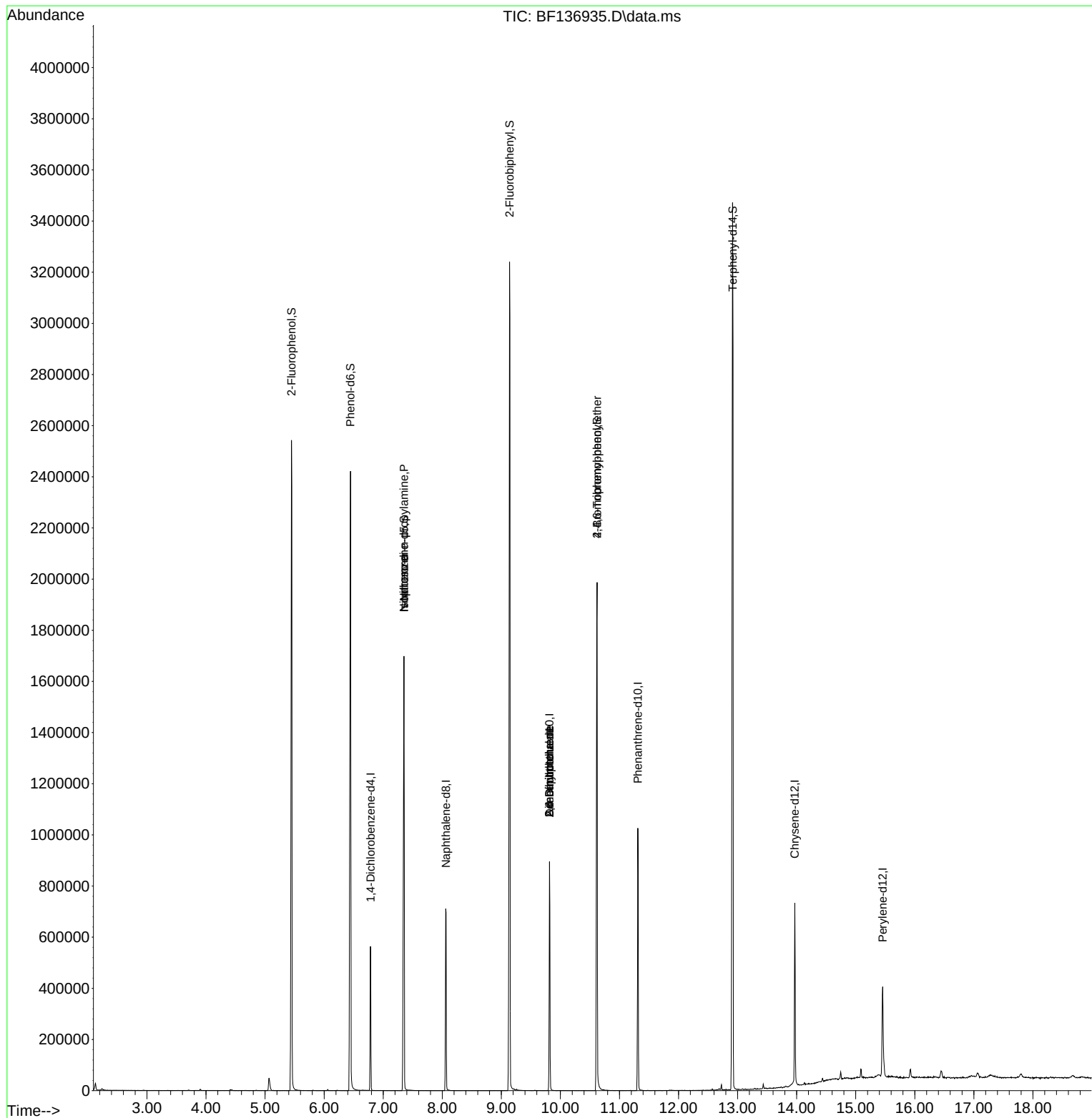
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	89308	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	349722	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	184753	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	386077	20.000	ng	0.00
76) Chrysene-d12	13.969	240	236449	20.000	ng	0.00
86) Perylene-d12	15.457	264	187129	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	818382	142.978	ng	0.02
7) Phenol-d6	6.446	99	1015298	136.894	ng	0.00
23) Nitrobenzene-d5	7.351	82	648581	94.900	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	301731	138.671	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1290161	93.923	ng	-0.01
79) Terphenyl-d14	12.916	244	1571993	92.908	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	85844	19.094	ng	# 74
25) Isophorone	7.351	82	642960	51.702	ng	# 65
50) Dimethylphthalate	9.816	163	34819	2.580	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	24071	7.859	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	24071	6.054	ng	# 21
67) 4-Bromophenyl-phenylether	10.622	248	17461	4.072	ng	# 1

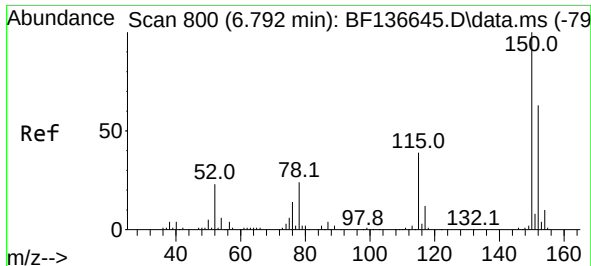
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
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BNA_F
ClientSampleId :
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Quant Time: Jan 04 12:33:17 2024
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

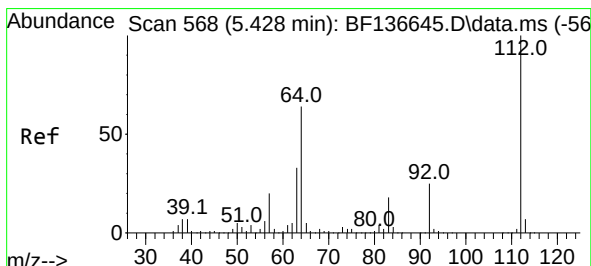
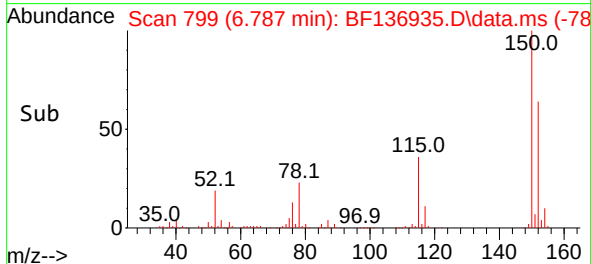
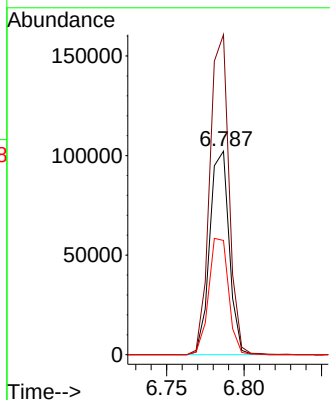
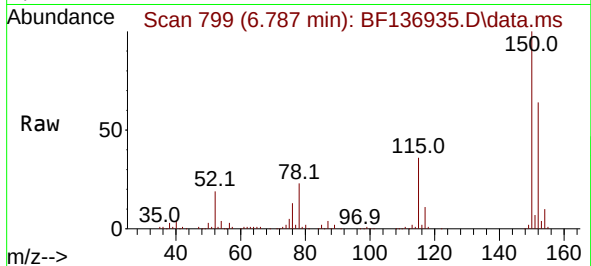




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF136935.D
 Acq: 04 Jan 2024 12:02

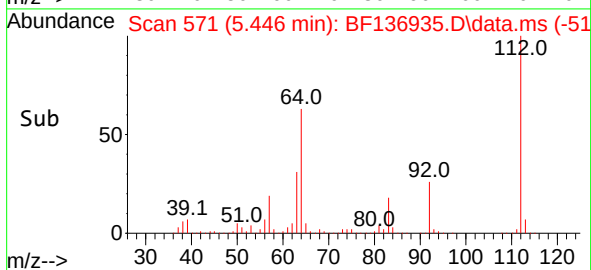
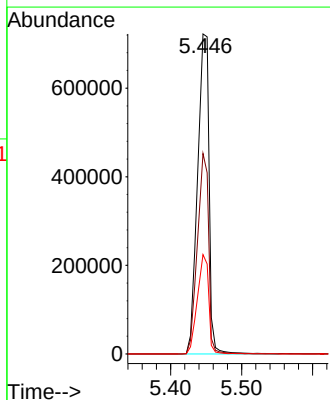
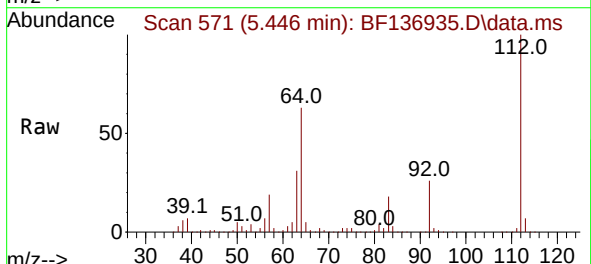
Instrument :
 BNA_F
 ClientSampleId :
 PB158180BL

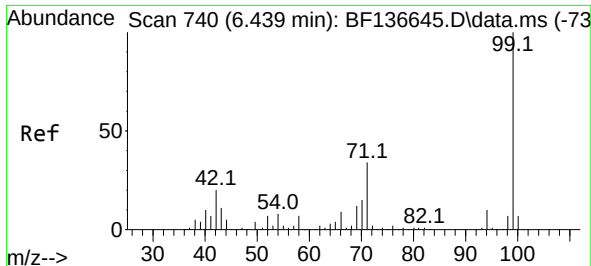
Tgt Ion:152 Resp: 89308
 Ion Ratio Lower Upper
 152 100
 150 157.2 127.0 190.6
 115 56.2 49.0 73.4



#5
 2-Fluorophenol
 Concen: 142.978 ng
 RT: 5.446 min Scan# 571
 Delta R.T. 0.018 min
 Lab File: BF136935.D
 Acq: 04 Jan 2024 12:02

Tgt Ion:112 Resp: 818382
 Ion Ratio Lower Upper
 112 100
 64 62.7 51.1 76.7
 63 31.0 26.1 39.1

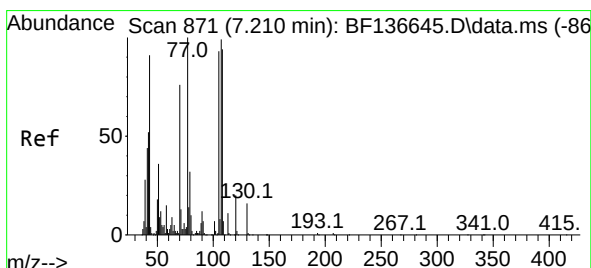
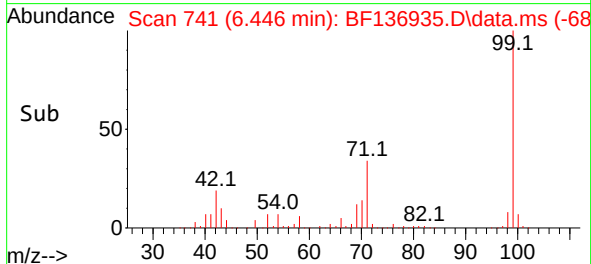
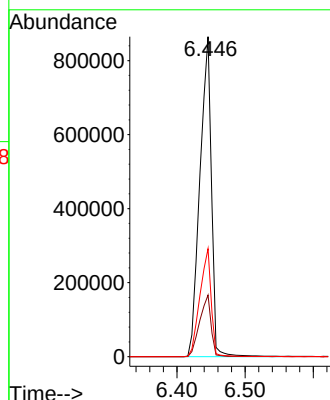
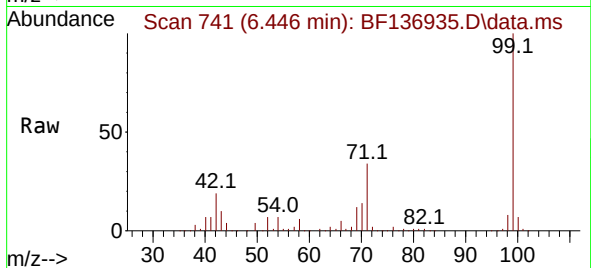




#7
Phenol-d6
Concen: 136.894 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136935.D
Acq: 04 Jan 2024 12:02

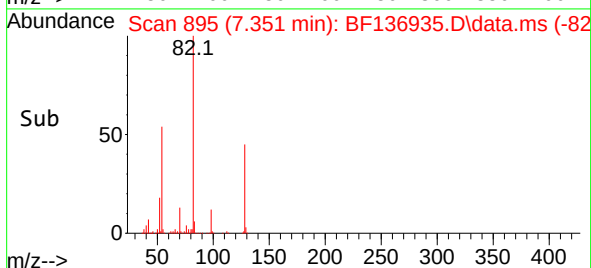
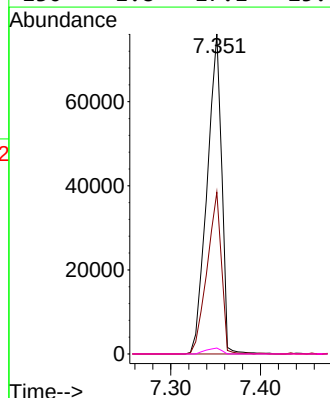
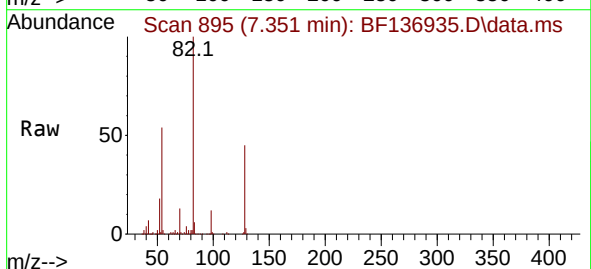
Instrument :
BNA_F
ClientSampleId :
PB158180BL

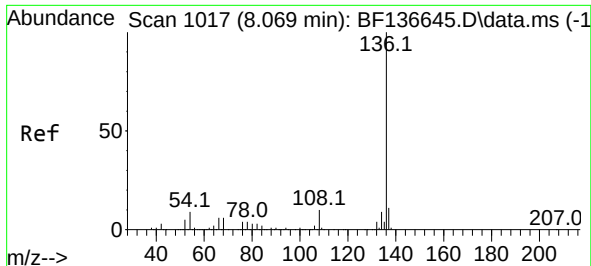
Tgt Ion: 99 Resp: 1015298
Ion Ratio Lower Upper
99 100
42 19.2 16.1 24.1
71 33.7 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 19.094 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF136935.D
Acq: 04 Jan 2024 12:02

Tgt Ion: 70 Resp: 85844
Ion Ratio Lower Upper
70 100
42 50.6 54.2 81.4#
101 0.0 7.6 11.4#
130 1.8 17.1 25.7#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136935.D
Acq: 04 Jan 2024 12:02

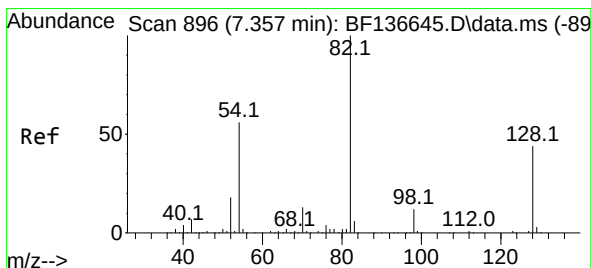
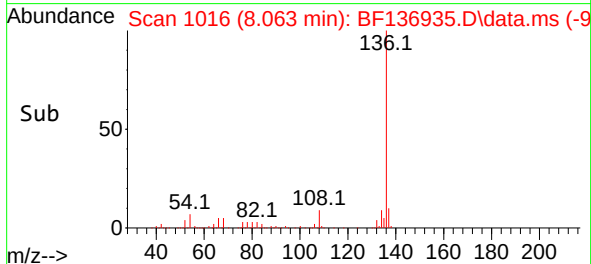
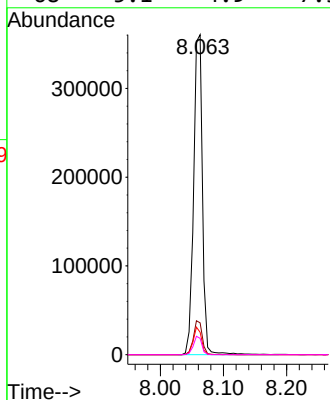
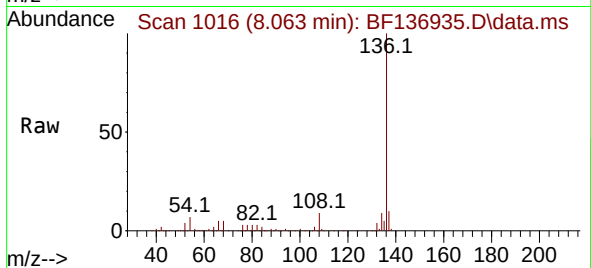
Instrument :

BNA_F

ClientSampleId :

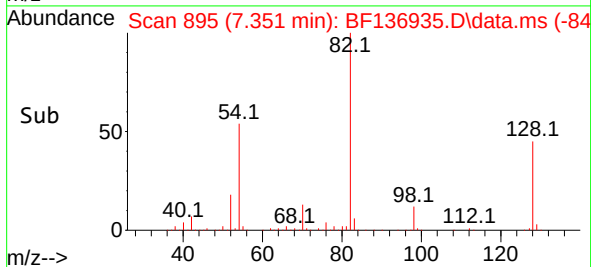
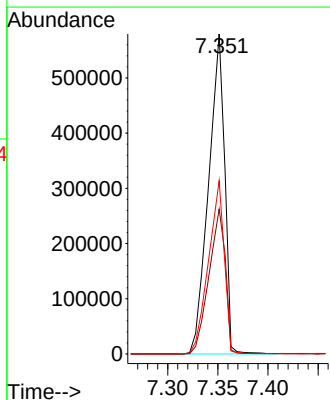
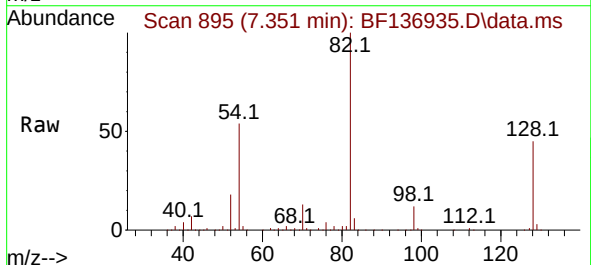
PB158180BL

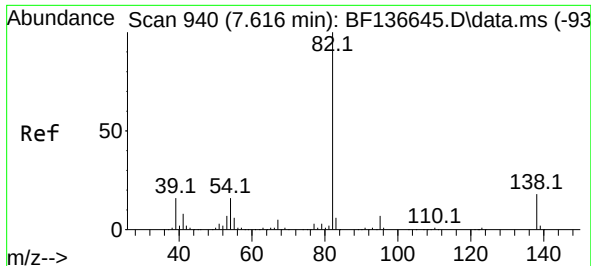
Tgt Ion:136 Resp: 349722
Ion Ratio Lower Upper
136 100
137 9.9 9.0 13.4
54 7.0 7.2 10.8#
68 5.1 4.9 7.3



#23
Nitrobenzene-d5
Concen: 94.900 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF136935.D
Acq: 04 Jan 2024 12:02

Tgt Ion: 82 Resp: 648581
Ion Ratio Lower Upper
82 100
128 45.3 35.3 52.9
54 54.1 44.5 66.7

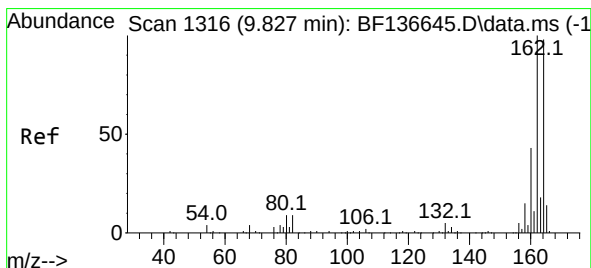
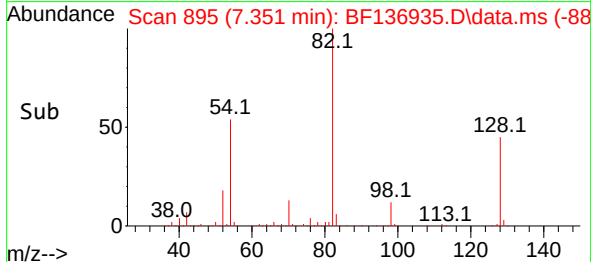
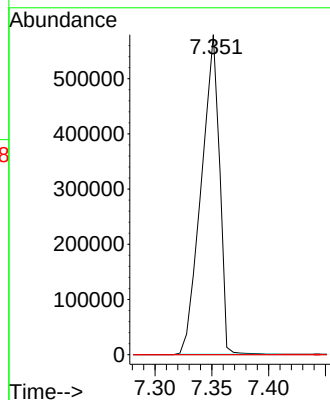
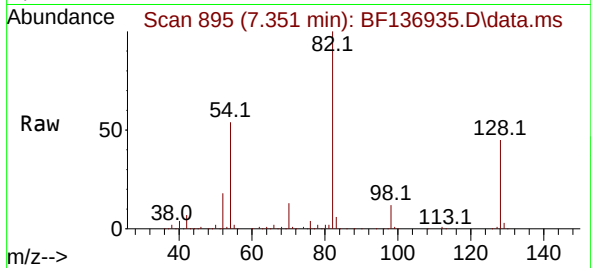




#25
Isophorone
Concen: 51.702 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.264 min
Lab File: BF136935.D
Acq: 04 Jan 2024 12:02

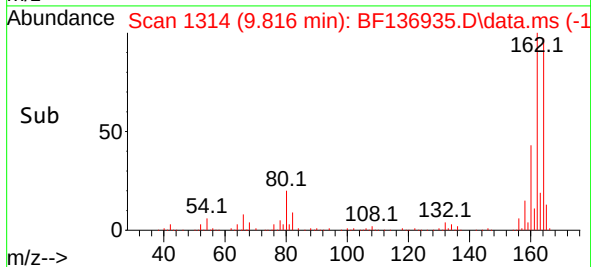
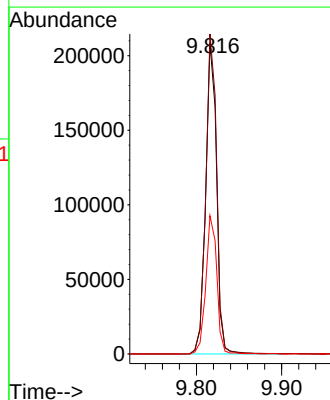
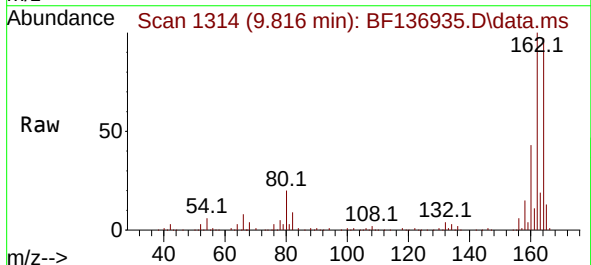
Instrument :
BNA_F
ClientSampleId :
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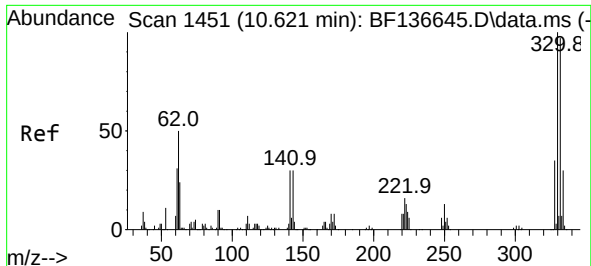
Tgt Ion: 82 Resp: 642960
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136935.D
Acq: 04 Jan 2024 12:02

Tgt Ion:164 Resp: 184753
Ion Ratio Lower Upper
164 100
162 102.9 81.6 122.4
160 44.4 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 138.671 ng

RT: 10.622 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF136935.D

Acq: 04 Jan 2024 12:02

Instrument :

BNA_F

ClientSampleId :

PB158180BL

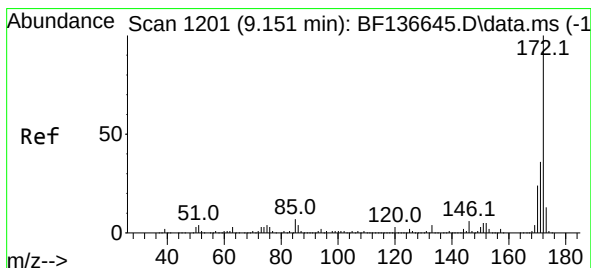
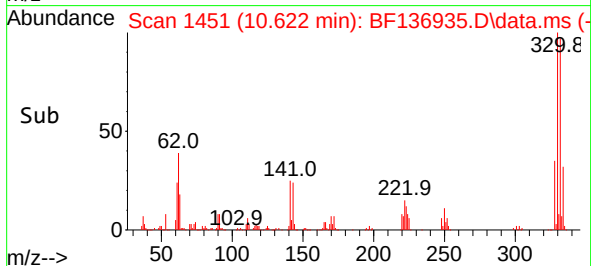
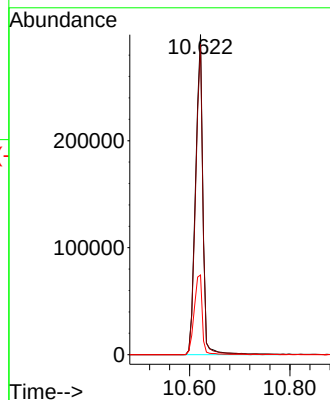
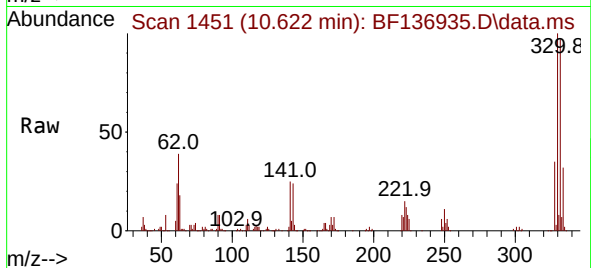
Tgt Ion:330 Resp: 301731

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.0

141 27.7 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 93.923 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136935.D

Acq: 04 Jan 2024 12:02

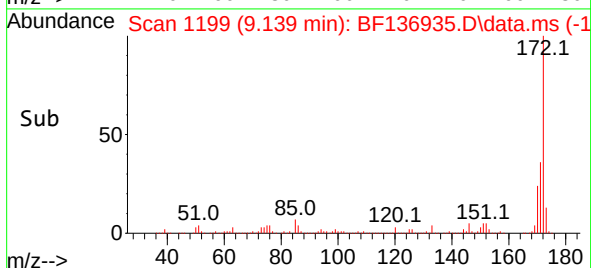
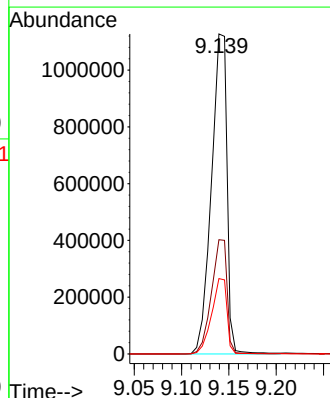
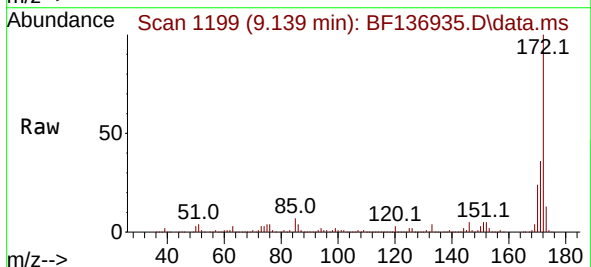
Tgt Ion:172 Resp: 1290161

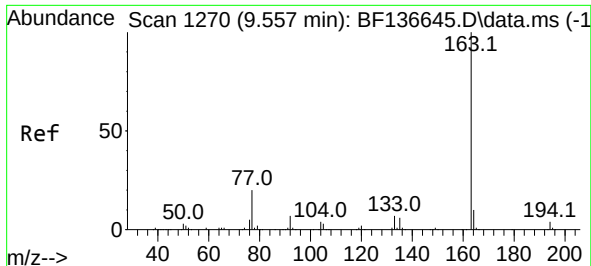
Ion Ratio Lower Upper

172 100

171 35.7 29.0 43.6

170 23.5 19.0 28.4

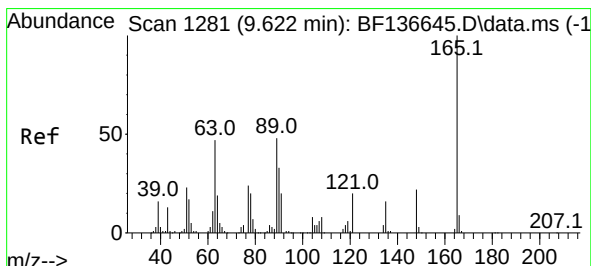
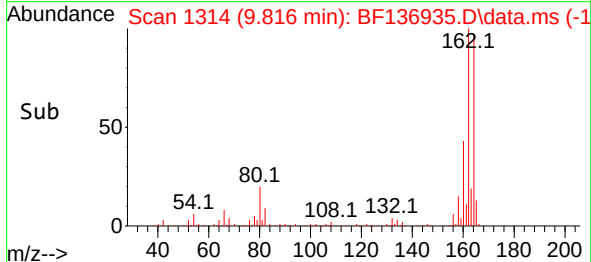
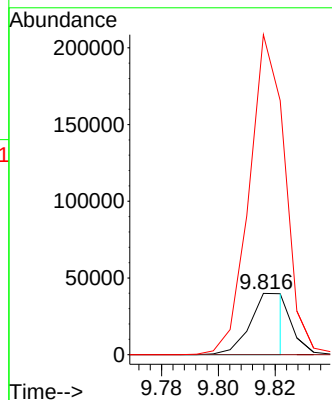
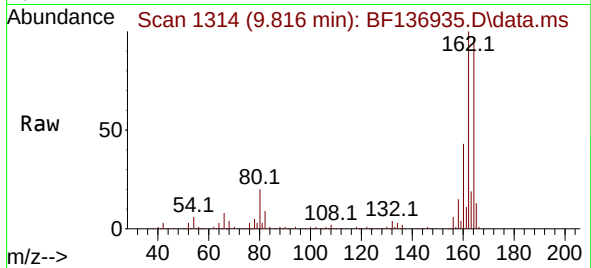




#50
Dimethylphthalate
Concen: 2.580 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF136935.D
Acq: 04 Jan 2024 12:02

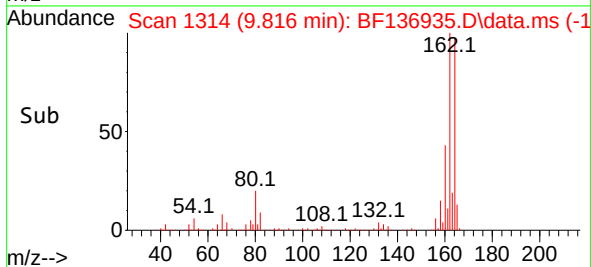
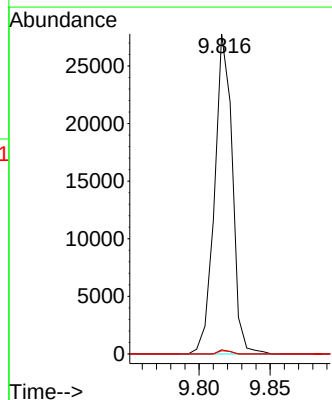
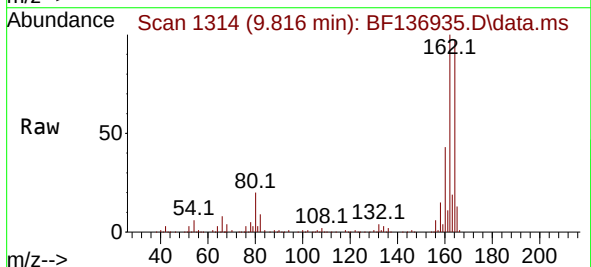
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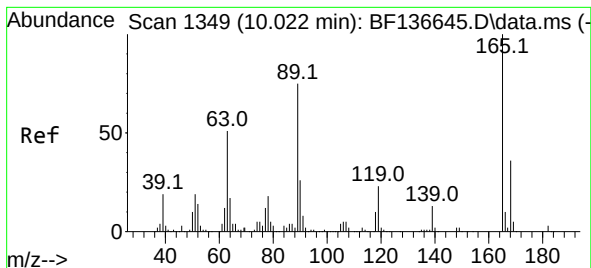
Tgt Ion:163 Resp: 34819
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 522.7 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.859 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136935.D
Acq: 04 Jan 2024 12:02

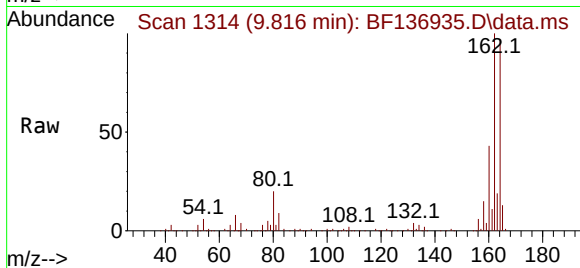
Tgt Ion:165 Resp: 24071
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.0 38.8 58.2#



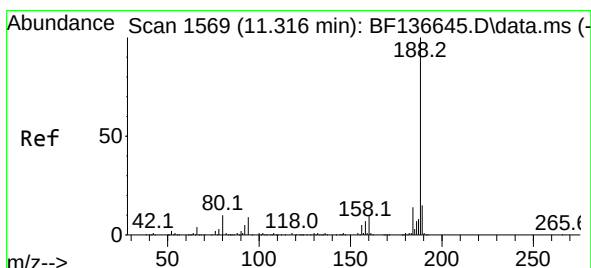
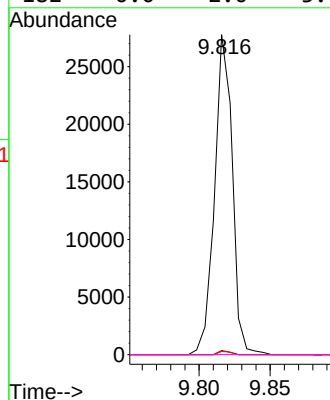
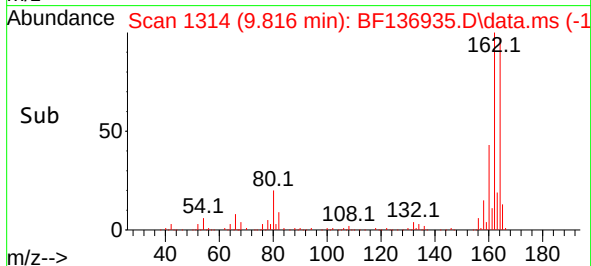


#57
2,4-Dinitrotoluene
Concen: 6.054 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136935.D
Acq: 04 Jan 2024 12:02

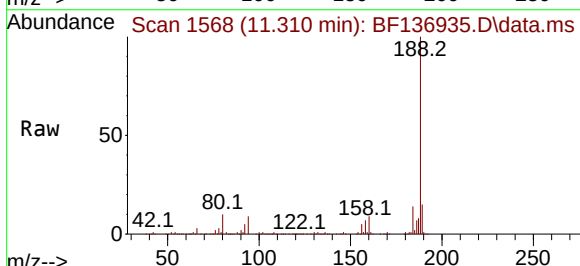
Instrument :
BNA_F
ClientSampleId :
PB158180BL



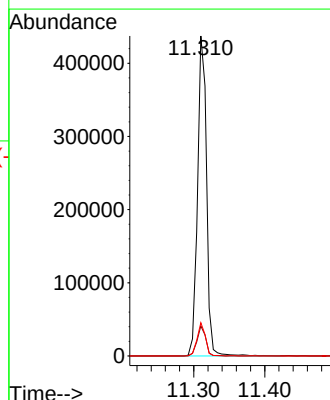
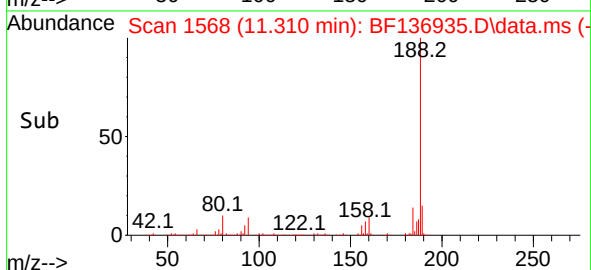
Tgt Ion:165 Resp: 24071
Ion Ratio Lower Upper
165 100
63 1.3 41.0 61.6#
89 1.0 59.9 89.9#
182 0.0 2.0 3.0#

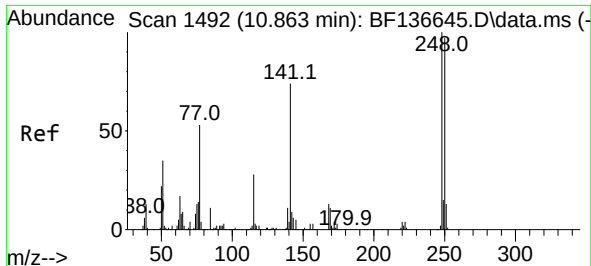


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136935.D
Acq: 04 Jan 2024 12:02



Tgt Ion:188 Resp: 386077
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 10.4 8.1 12.1

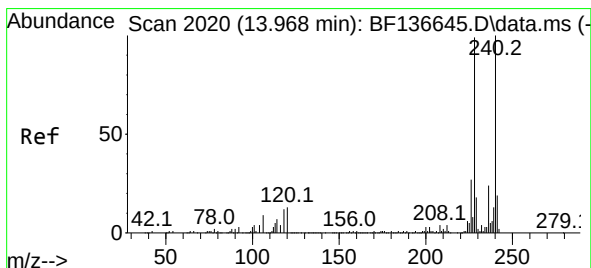
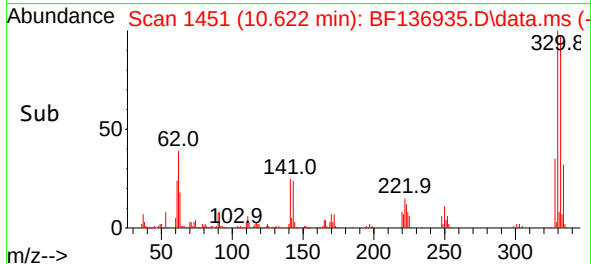
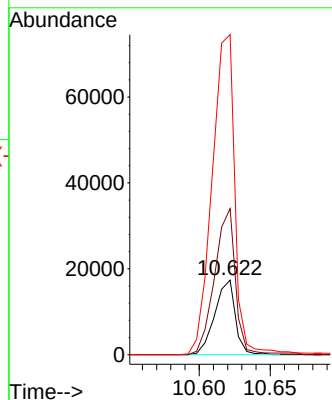
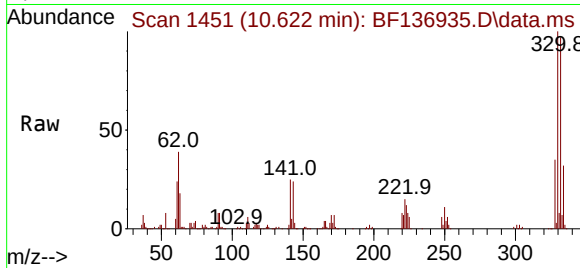




#67
4-Bromophenyl-phenylether
Concen: 4.072 ng
RT: 10.622 min Scan# 1492
Delta R.T. -0.241 min
Lab File: BF136935.D
Acq: 04 Jan 2024 12:02

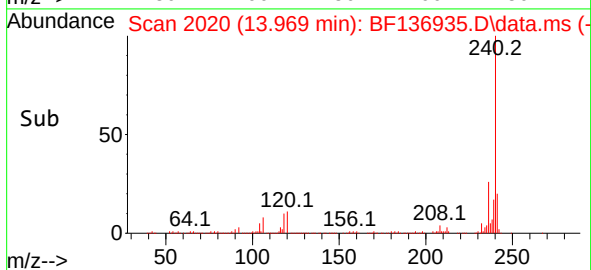
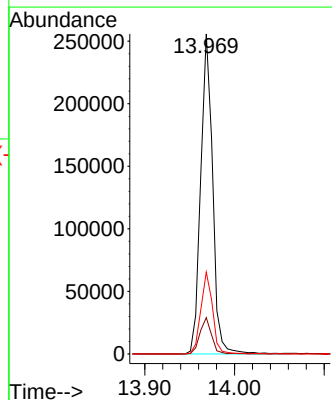
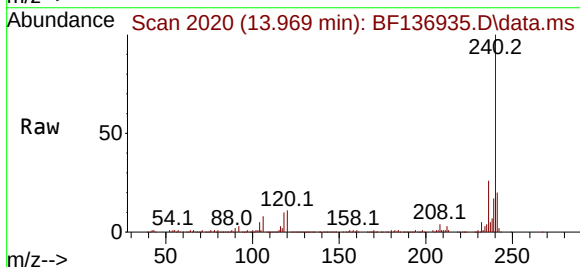
Instrument :
BNA_F
ClientSampleId :
PB158180BL

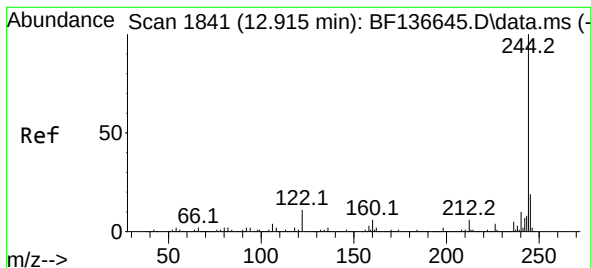
Tgt Ion:248 Resp: 17461
Ion Ratio Lower Upper
248 100
250 195.9 77.8 116.6#
141 428.9 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136935.D
Acq: 04 Jan 2024 12:02

Tgt Ion:240 Resp: 236449
Ion Ratio Lower Upper
240 100
120 11.4 10.3 15.5
236 25.6 19.4 29.2





#79

Terphenyl-d14

Concen: 92.908 ng

RT: 12.916 min Scan# 1841

Delta R.T. 0.000 min

Lab File: BF136935.D

Acq: 04 Jan 2024 12:02

Instrument :

BNA_F

ClientSampleId :

PB158180BL

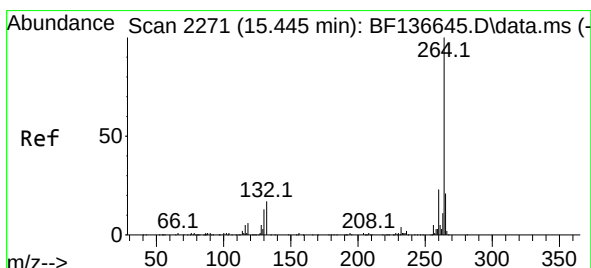
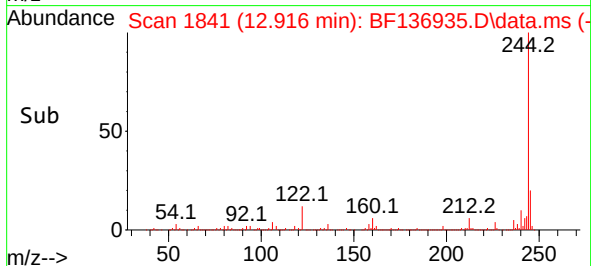
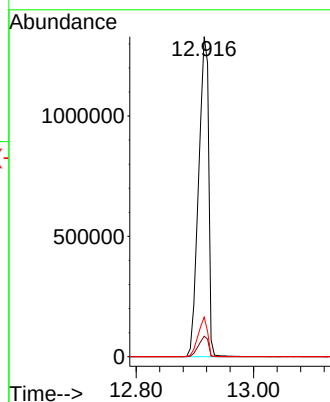
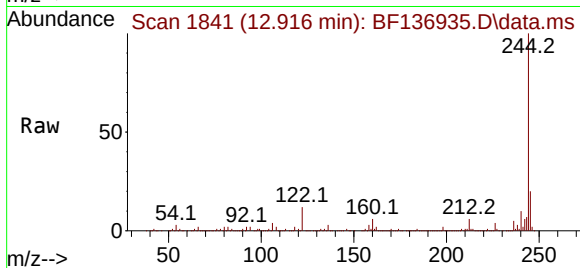
Tgt Ion:244 Resp: 1571993

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

122 12.4 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.012 min

Lab File: BF136935.D

Acq: 04 Jan 2024 12:02

Tgt Ion:264 Resp: 187129

Ion Ratio Lower Upper

264 100

260 22.0 18.3 27.5

265 22.0 17.0 25.6

