

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011024\
 Data File : BF137016.D
 Acq On : 10 Jan 2024 13:04
 Operator : CG\JU
 Sample : PB158346BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158346BL

Quant Time: Jan 10 13:23:33 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)

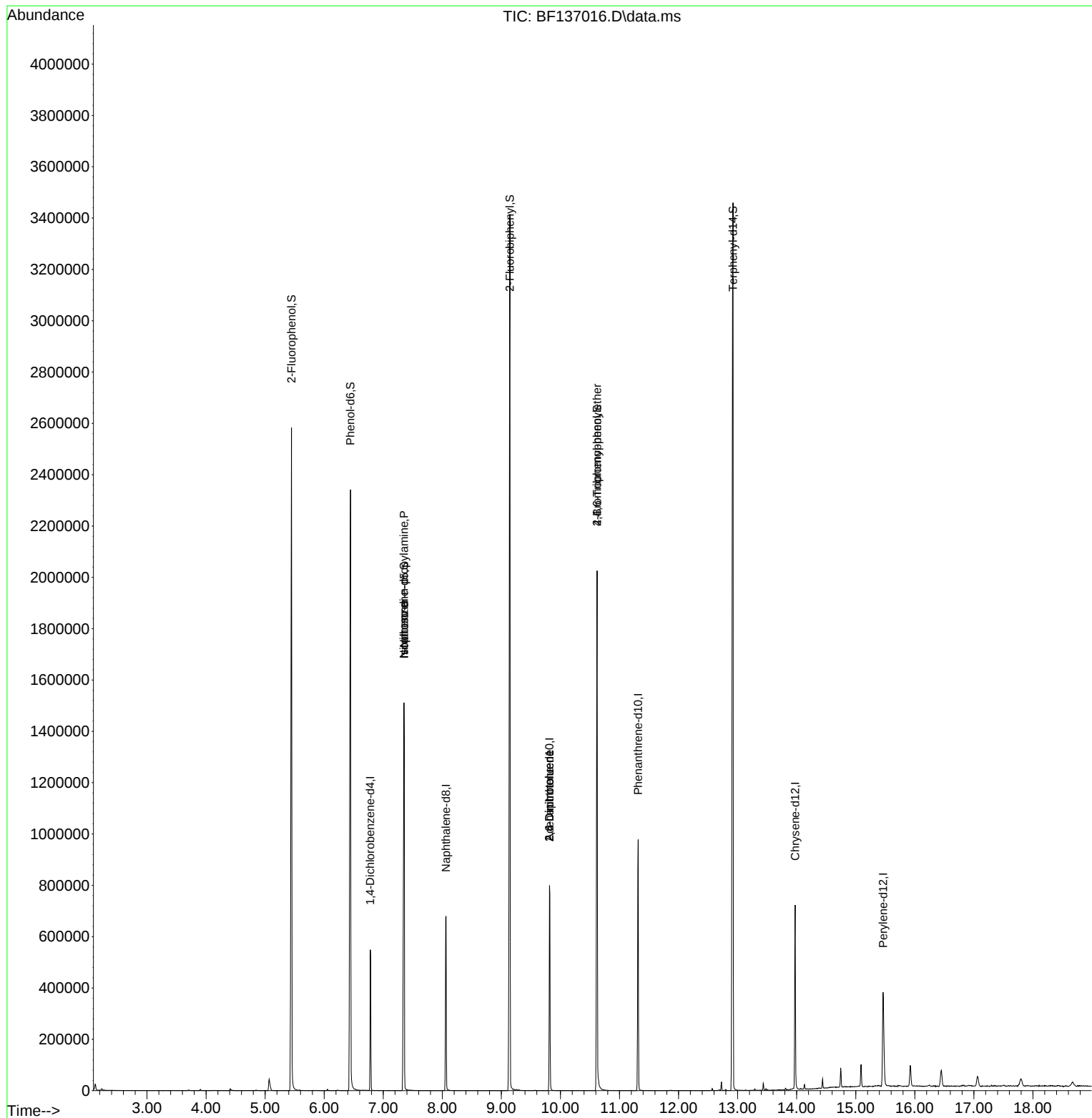
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	84473	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	334208	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	177161	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	367322	20.000	ng	0.00
76) Chrysene-d12	13.974	240	246189	20.000	ng	0.00
86) Perylene-d12	15.462	264	186321	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	779586	143.996	ng	0.02
7) Phenol-d6	6.445	99	972132	138.576	ng	0.00
23) Nitrobenzene-d5	7.351	82	620911	95.069	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	294989	141.382	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1221552	92.739	ng	0.00
79) Terphenyl-d14	12.921	244	1532679	87.001	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	82128	19.313	ng	# 74
25) Isophorone	7.351	82	617081	51.925	ng	# 65
51) 2,6-Dinitrotoluene	9.816	165	22353	7.611	ng	# 29
57) 2,4-Dinitrotoluene	9.816	165	22353	5.863	ng	# 20
67) 4-Bromophenyl-phenylether	10.622	248	16811	4.121	ng	# 1

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

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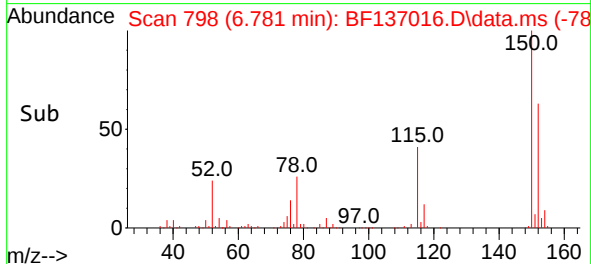
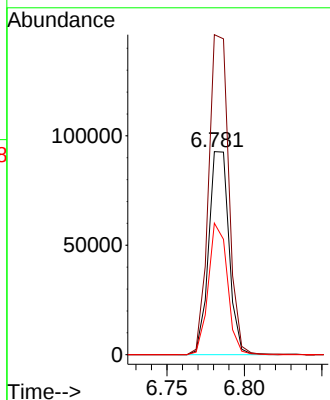
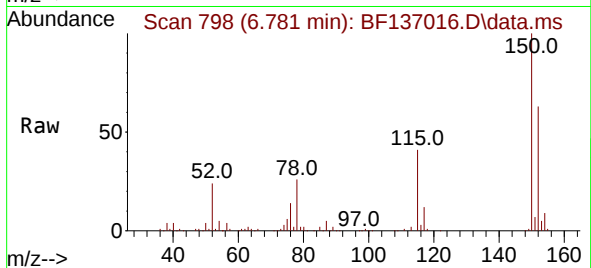




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF137016.D
Acq: 10 Jan 2024 13:04

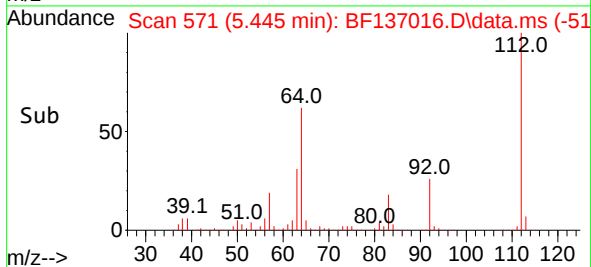
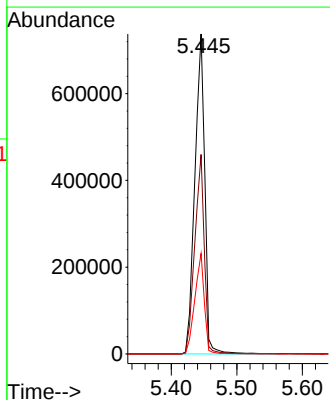
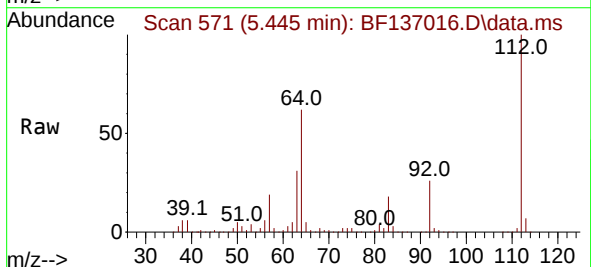
Instrument :
BNA_F
ClientSampleId :
PB158346BL

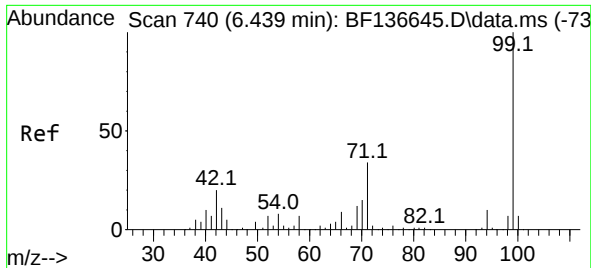
Tgt Ion:152 Resp: 84473
Ion Ratio Lower Upper
152 100
150 157.6 127.0 190.6
115 64.7 49.0 73.4



#5
2-Fluorophenol
Concen: 143.996 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF137016.D
Acq: 10 Jan 2024 13:04

Tgt Ion:112 Resp: 779586
Ion Ratio Lower Upper
112 100
64 62.4 51.1 76.7
63 31.4 26.1 39.1

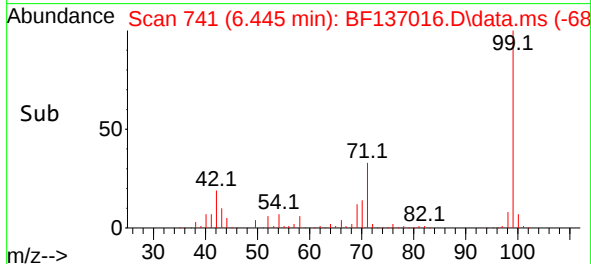
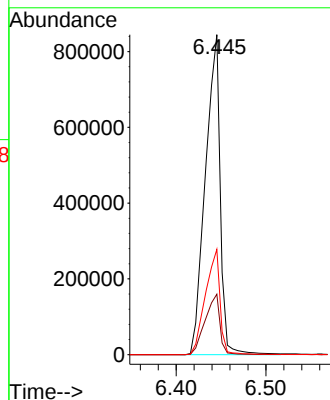
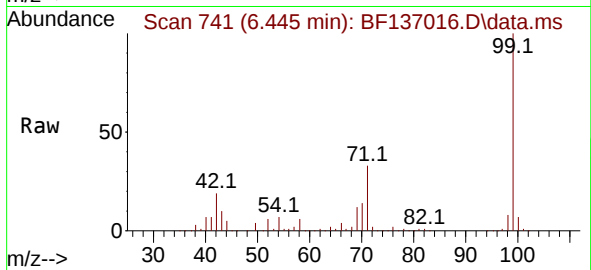




#7
Phenol-d6
Concen: 138.576 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF137016.D
Acq: 10 Jan 2024 13:04

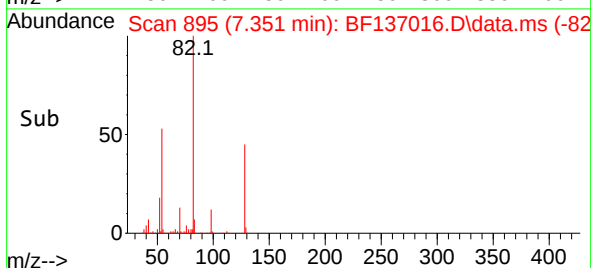
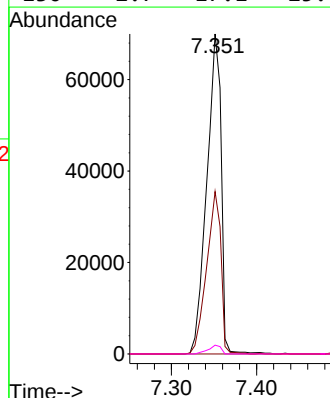
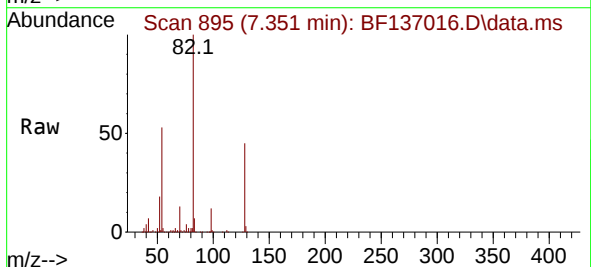
Instrument :
BNA_F
ClientSampleId :
PB158346BL

Tgt Ion: 99 Resp: 972132
Ion Ratio Lower Upper
99 100
42 18.9 16.1 24.1
71 32.9 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 19.313 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF137016.D
Acq: 10 Jan 2024 13:04

Tgt Ion: 70 Resp: 82128
Ion Ratio Lower Upper
70 100
42 50.7 54.2 81.4#
101 0.0 7.6 11.4#
130 2.7 17.1 25.7#

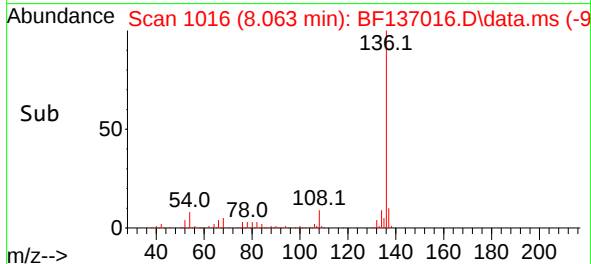
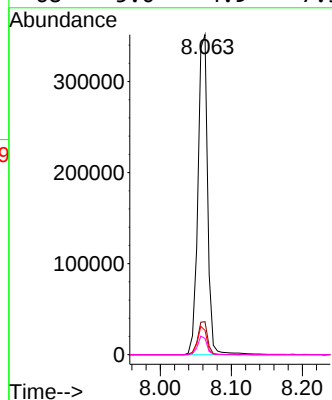
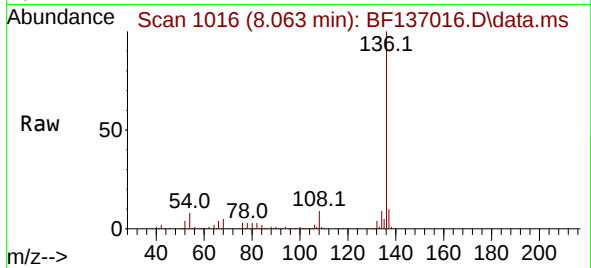




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137016.D
Acq: 10 Jan 2024 13:04

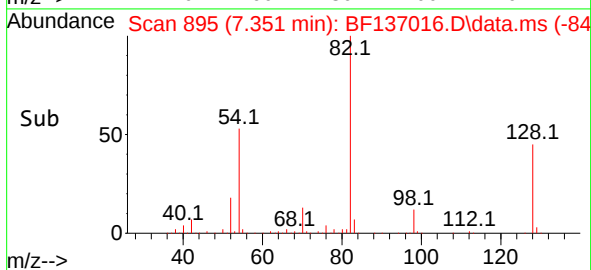
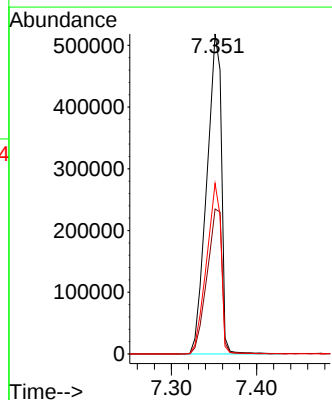
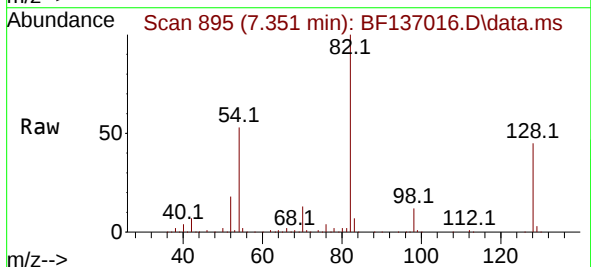
Instrument :
BNA_F
ClientSampleId :
PB158346BL

Tgt Ion:136 Resp: 334208
Ion Ratio Lower Upper
136 100
137 10.3 9.0 13.4
54 7.6 7.2 10.8
68 5.0 4.9 7.3



#23
Nitrobenzene-d5
Concen: 95.069 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137016.D
Acq: 10 Jan 2024 13:04

Tgt Ion: 82 Resp: 620911
Ion Ratio Lower Upper
82 100
128 45.3 35.3 52.9
54 53.3 44.5 66.7

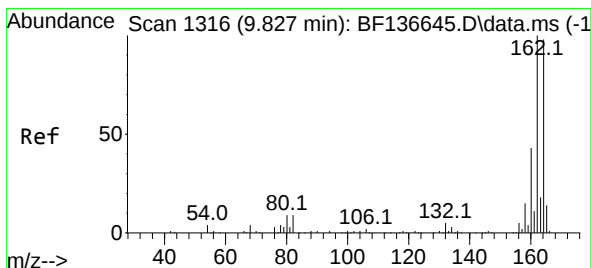
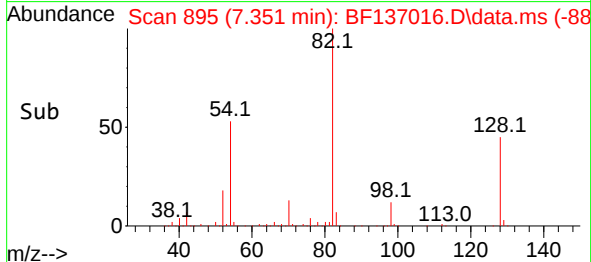
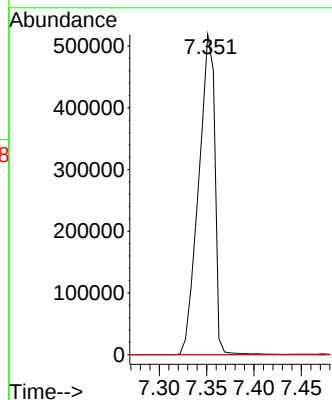
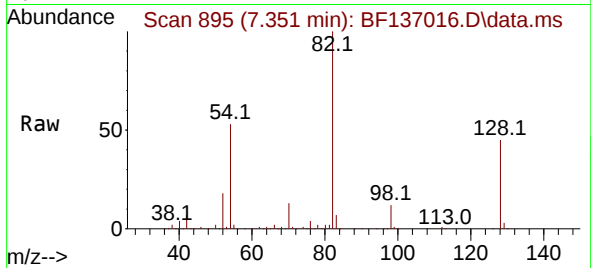




#25
Isophorone
Concen: 51.925 ng
RT: 7.351 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF137016.D
Acq: 10 Jan 2024 13:04

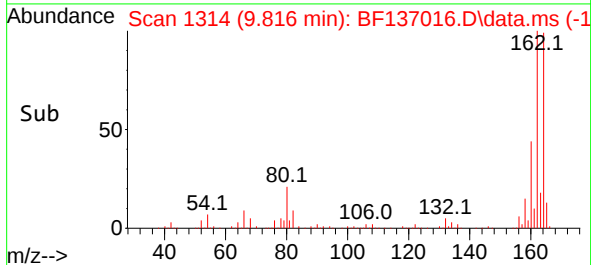
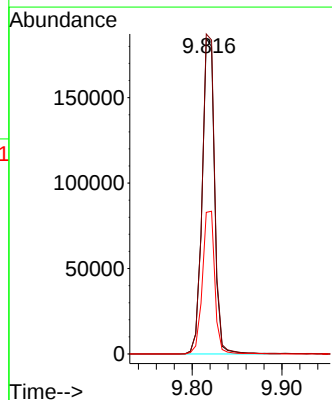
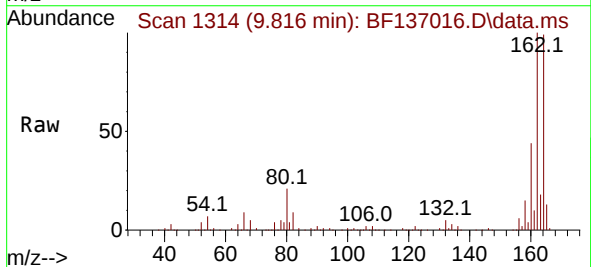
Instrument :
BNA_F
ClientSampleId :
PB158346BL

Tgt Ion: 82 Resp: 617081
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: BF137016.D
Acq: 10 Jan 2024 13:04

Tgt Ion:164 Resp: 177161
Ion Ratio Lower Upper
164 100
162 101.5 81.6 122.4
160 44.9 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 141.382 ng

RT: 10.622 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF137016.D

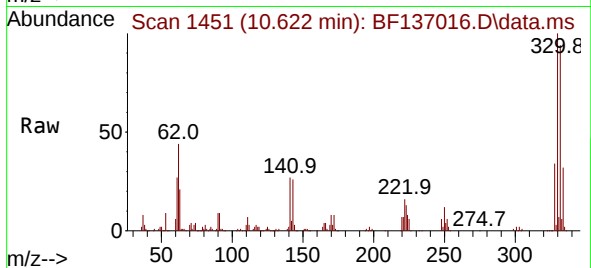
Acq: 10 Jan 2024 13:04

Instrument :

BNA_F

ClientSampleId :

PB158346BL



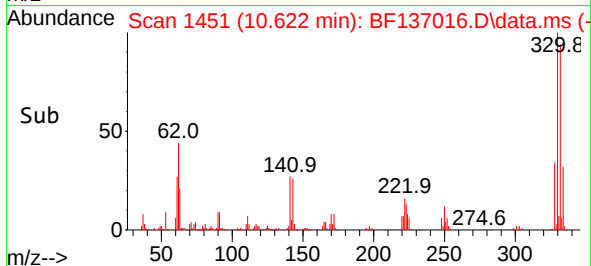
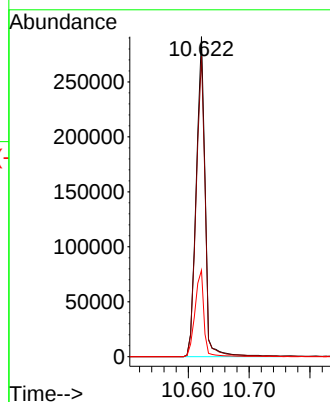
Tgt Ion:330 Resp: 294989

Ion Ratio Lower Upper

330 100

332 95.0 77.4 116.0

141 27.1 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 92.739 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF137016.D

Acq: 10 Jan 2024 13:04

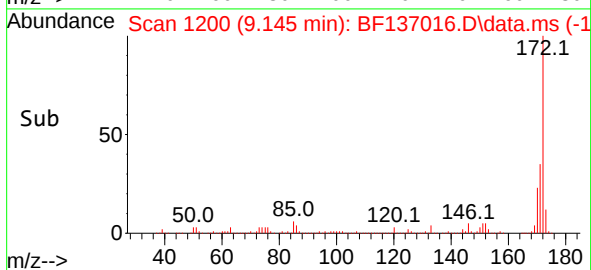
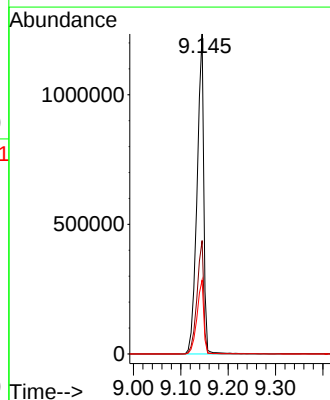
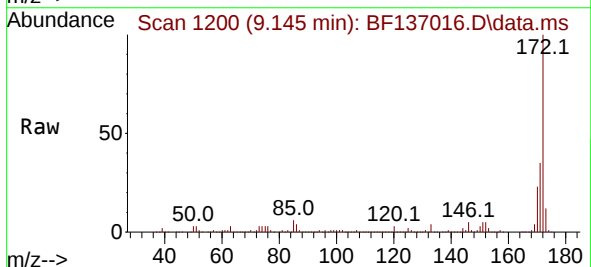
Tgt Ion:172 Resp: 1221552

Ion Ratio Lower Upper

172 100

171 35.4 29.0 43.6

170 23.1 19.0 28.4





#51

2,6-Dinitrotoluene

Concen: 7.611 ng

RT: 9.816 min Scan# 1

Delta R.T. 0.194 min

Lab File: BF137016.D

Acq: 10 Jan 2024 13:04

Instrument :

BNA_F

ClientSampleId :

PB158346BL

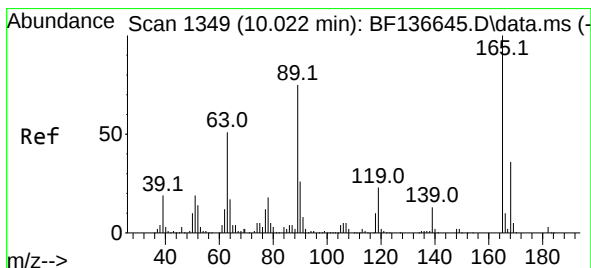
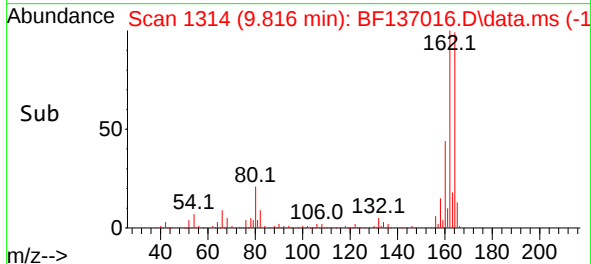
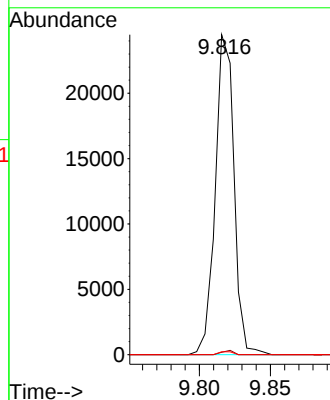
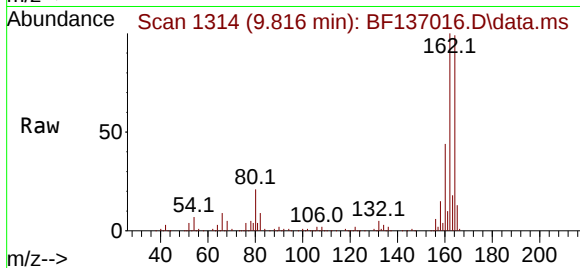
Tgt Ion:165 Resp: 22353

Ion Ratio Lower Upper

165 100

63 0.7 39.8 59.6#

89 0.9 38.8 58.2#



#57

2,4-Dinitrotoluene

Concen: 5.863 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.206 min

Lab File: BF137016.D

Acq: 10 Jan 2024 13:04

Tgt Ion:165 Resp: 22353

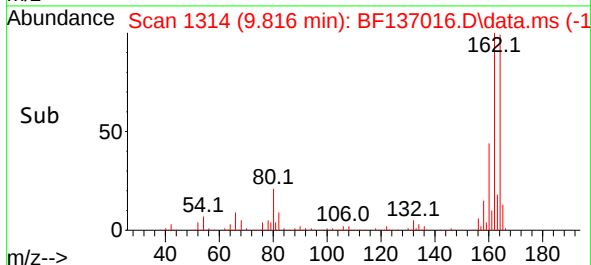
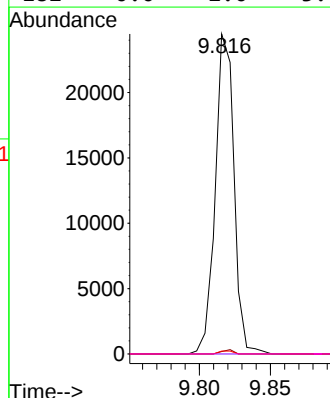
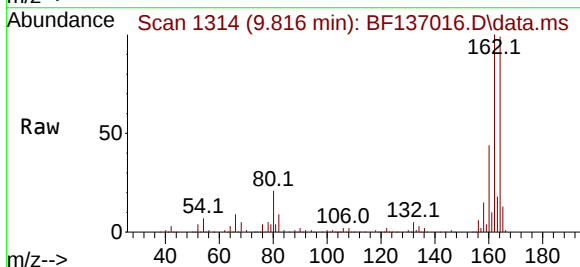
Ion Ratio Lower Upper

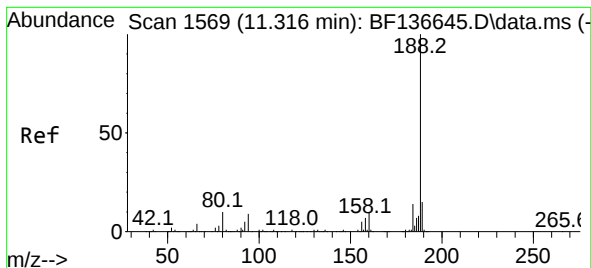
165 100

63 0.7 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: 11.316 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137016.D

Acq: 10 Jan 2024 13:04

Instrument :

BNA_F

ClientSampleId :

PB158346BL

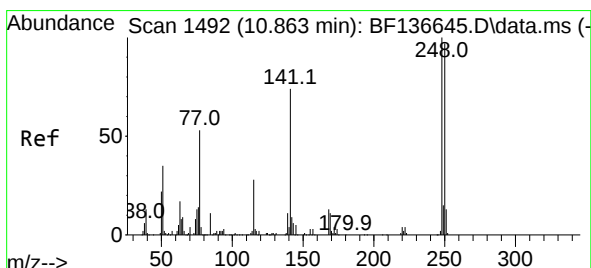
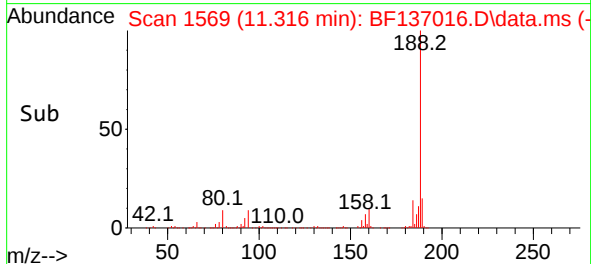
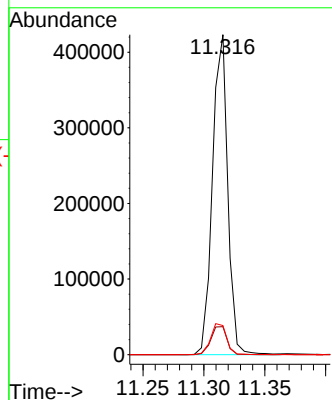
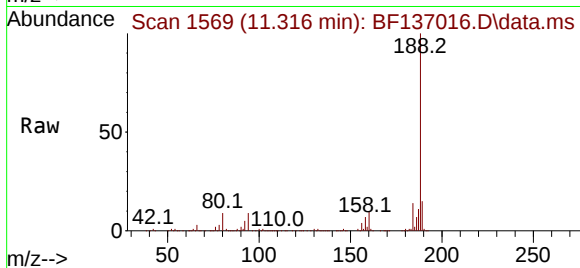
Tgt Ion:188 Resp: 367322

Ion Ratio Lower Upper

188 100

94 8.7 7.5 11.3

80 9.1 8.1 12.1



#67

4-Bromophenyl-phenylether

Concen: 4.121 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.241 min

Lab File: BF137016.D

Acq: 10 Jan 2024 13:04

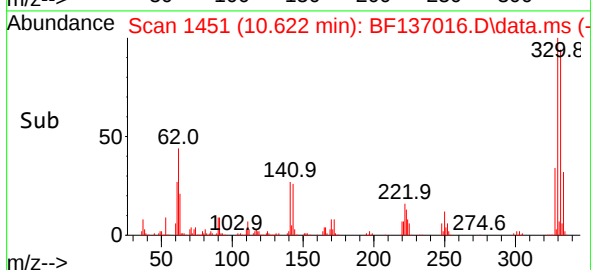
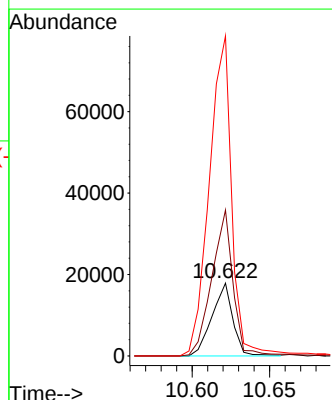
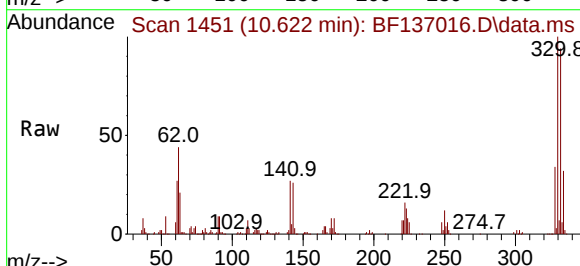
Tgt Ion:248 Resp: 16811

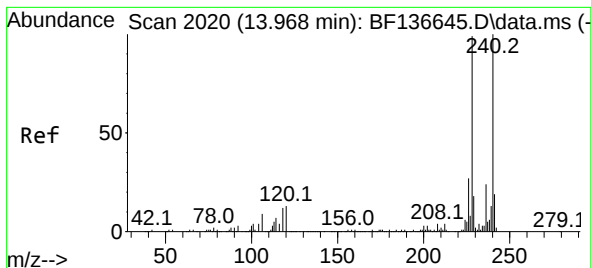
Ion Ratio Lower Upper

248 100

250 200.6 77.8 116.6#

141 439.9 59.2 88.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF137016.D

Acq: 10 Jan 2024 13:04

Instrument :

BNA_F

ClientSampleId :

PB158346BL

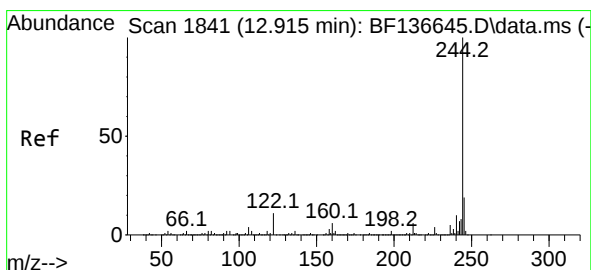
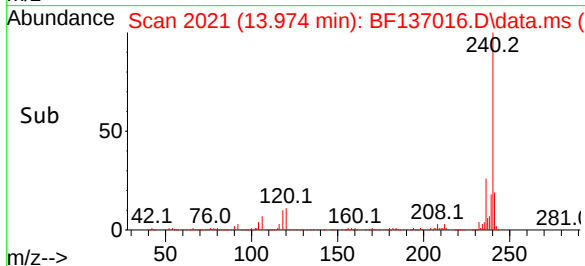
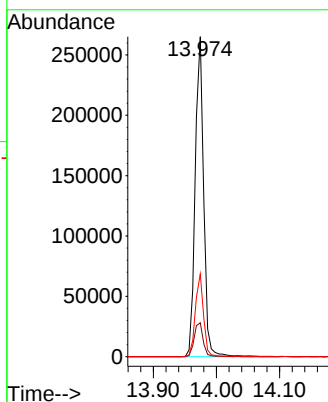
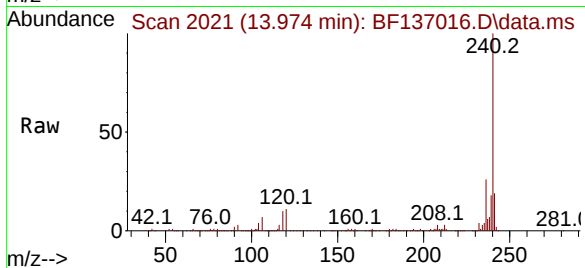
Tgt Ion:240 Resp: 246189

Ion Ratio Lower Upper

240 100

120 10.6 10.3 15.5

236 25.9 19.4 29.2



#79

Terphenyl-d14

Concen: 87.001 ng

RT: 12.921 min Scan# 1842

Delta R.T. 0.006 min

Lab File: BF137016.D

Acq: 10 Jan 2024 13:04

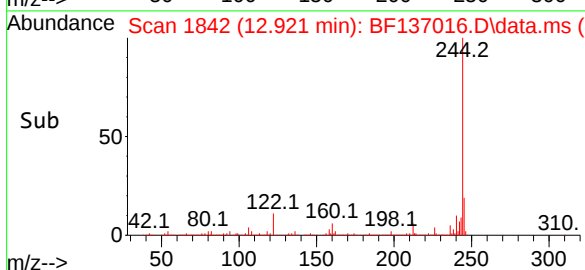
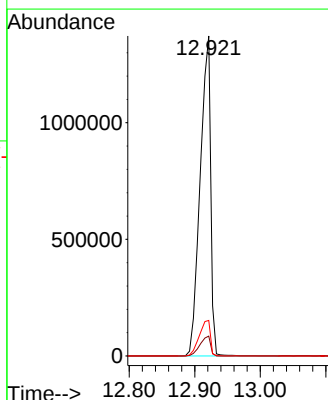
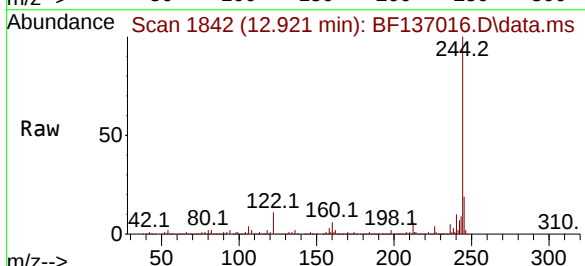
Tgt Ion:244 Resp: 1532679

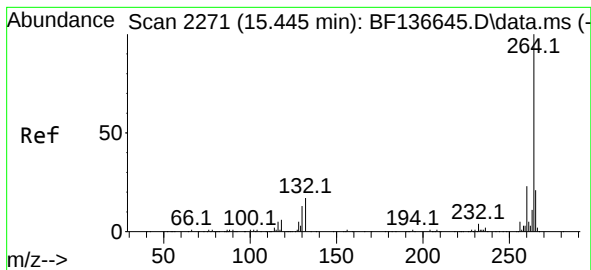
Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.4

122 11.1 9.0 13.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF137016.D

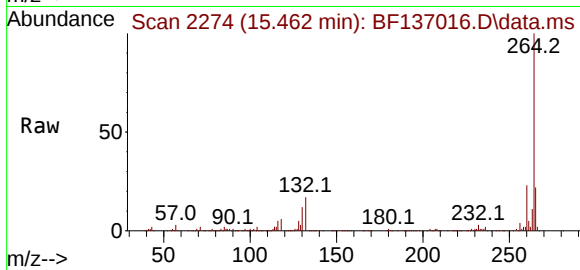
Acq: 10 Jan 2024 13:04

Instrument :

BNA_F

ClientSampleId :

PB158346BL



Tgt Ion:264 Resp: 186321

Ion Ratio Lower Upper

264 100

260 23.1 18.3 27.5

265 22.2 17.0 25.6

