

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011624\
 Data File : BF137078.D
 Acq On : 16 Jan 2024 14:38
 Operator : CG\JU
 Sample : PB158434BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158434BL

Quant Time: Jan 16 15:06:35 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)

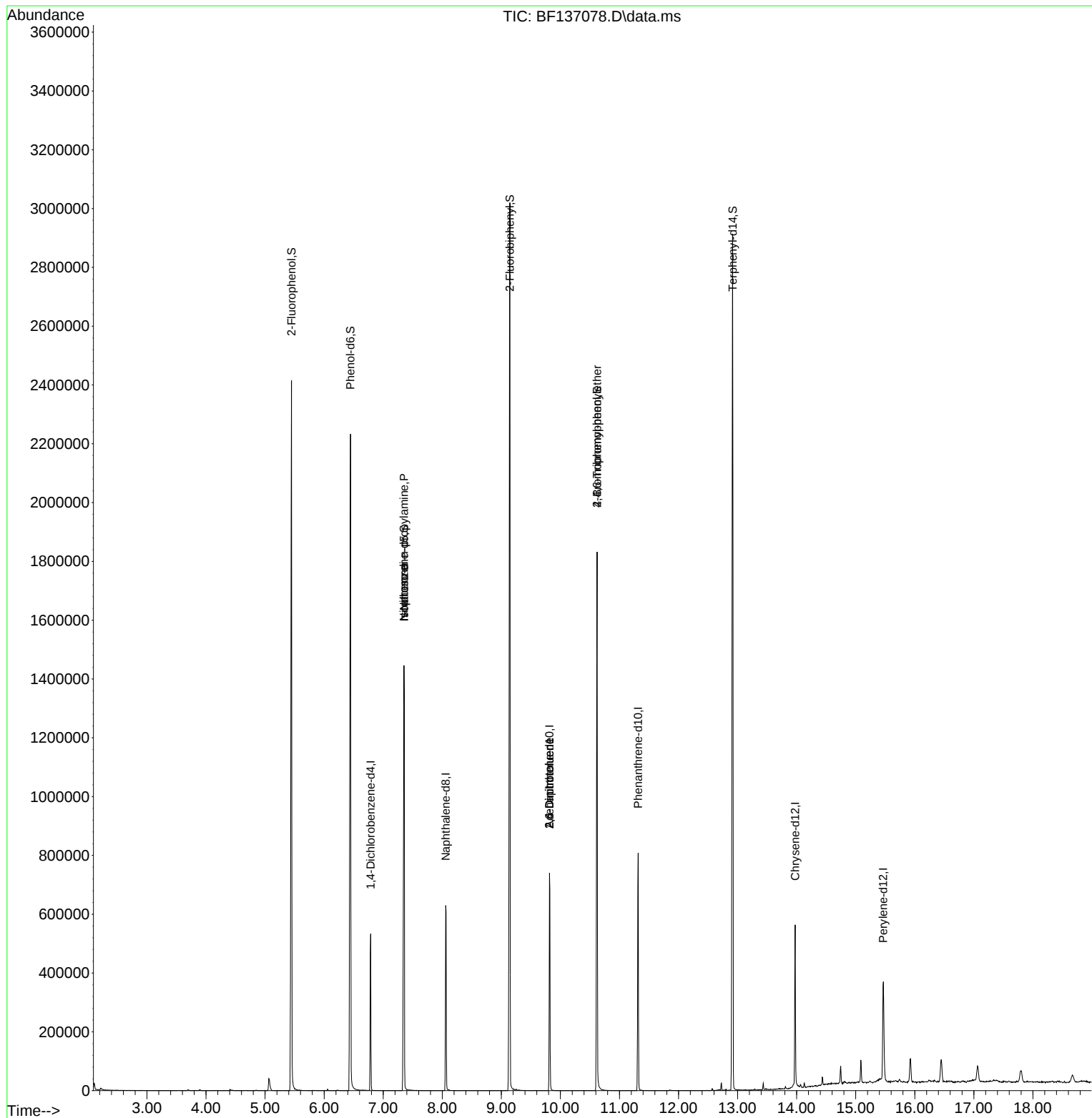
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	79893	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	309398	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	162435	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	310580	20.000	ng	0.00
76) Chrysene-d12	13.974	240	179715	20.000	ng	0.00
86) Perylene-d12	15.463	264	155930	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	731244	142.810	ng	0.02
7) Phenol-d6	6.446	99	904168	136.276	ng	0.00
23) Nitrobenzene-d5	7.351	82	581442	96.164	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	252268	131.868	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1135088	93.987	ng	0.00
79) Terphenyl-d14	12.916	244	1196335	93.027	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	76802	19.096	ng	# 72
25) Isophorone	7.351	82	581433	52.848	ng	# 65
51) 2,6-Dinitrotoluene	9.816	165	20523	7.622	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	20523	5.871	ng	# 21
67) 4-Bromophenyl-phenylether	10.622	248	14475	4.197	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011624\
Data File : BF137078.D
Acq On : 16 Jan 2024 14:38
Operator : CG\JU
Sample : PB158434BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB158434BL

Quant Time: Jan 16 15:06:35 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

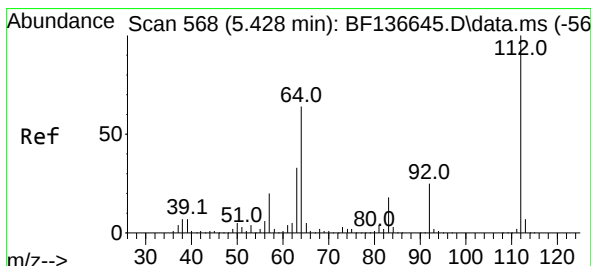
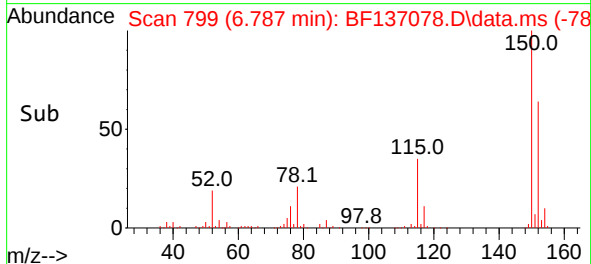
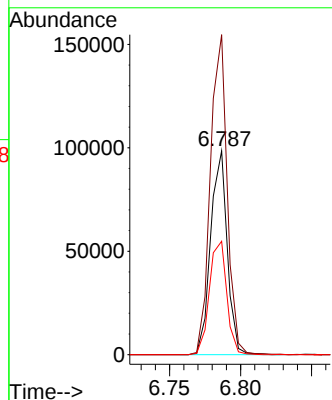
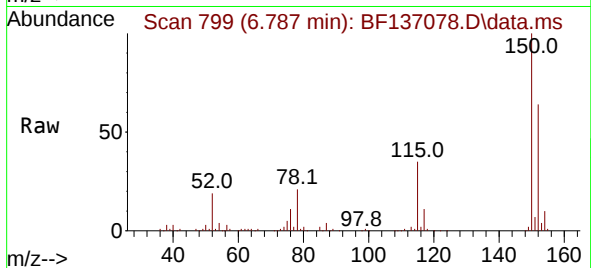




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137078.D
Acq: 16 Jan 2024 14:38

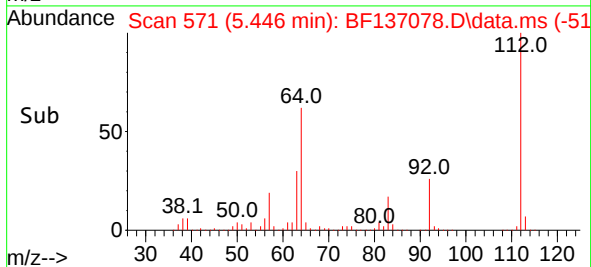
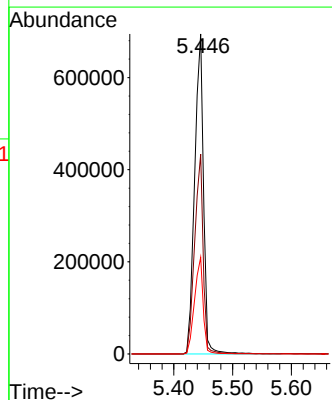
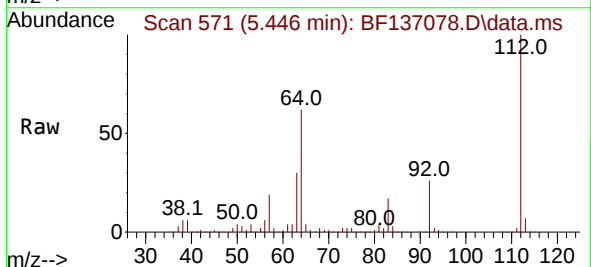
Instrument :
BNA_F
ClientSampleId :
PB158434BL

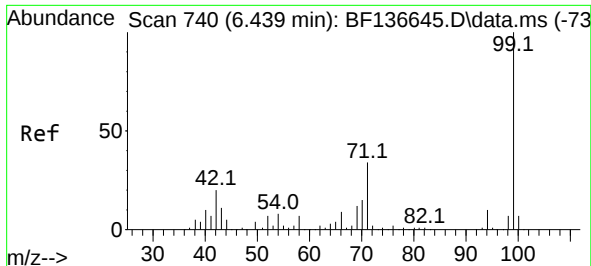
Tgt Ion:152 Resp: 79893
Ion Ratio Lower Upper
152 100
150 157.0 127.0 190.6
115 55.6 49.0 73.4



#5
2-Fluorophenol
Concen: 142.810 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF137078.D
Acq: 16 Jan 2024 14:38

Tgt Ion:112 Resp: 731244
Ion Ratio Lower Upper
112 100
64 62.5 51.1 76.7
63 30.2 26.1 39.1

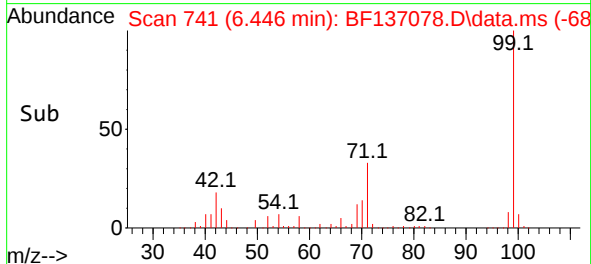
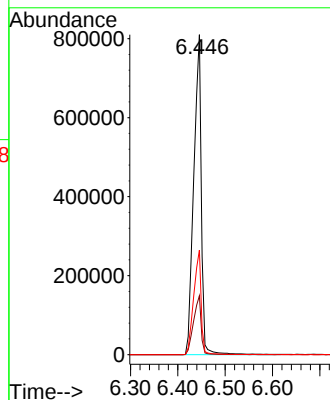
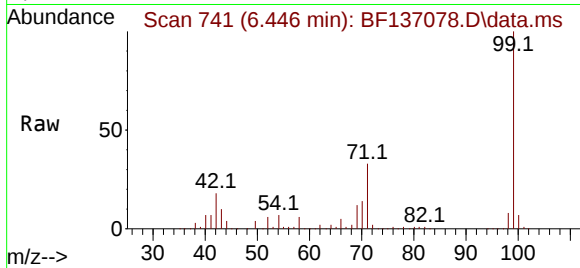




#7
Phenol-d6
Concen: 136.276 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF137078.D
Acq: 16 Jan 2024 14:38

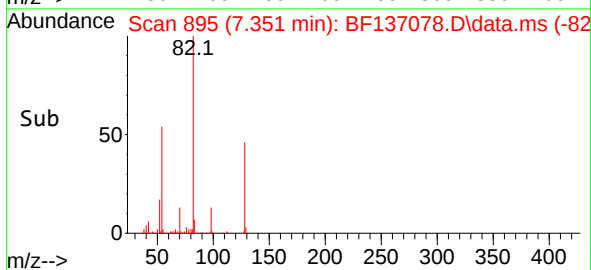
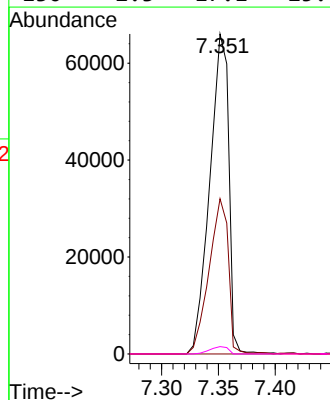
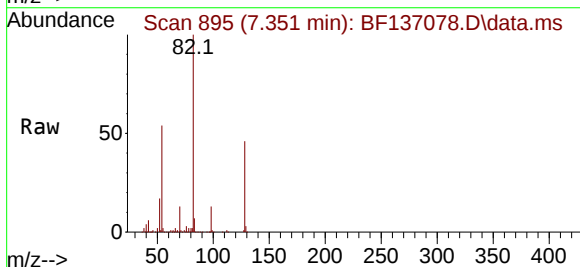
Instrument :
BNA_F
ClientSampleId :
PB158434BL

Tgt Ion: 99 Resp: 904168
Ion Ratio Lower Upper
99 100
42 18.4 16.1 24.1
71 32.7 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 19.096 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF137078.D
Acq: 16 Jan 2024 14:38

Tgt Ion: 70 Resp: 76802
Ion Ratio Lower Upper
70 100
42 48.5 54.2 81.4#
101 0.0 7.6 11.4#
130 2.3 17.1 25.7#



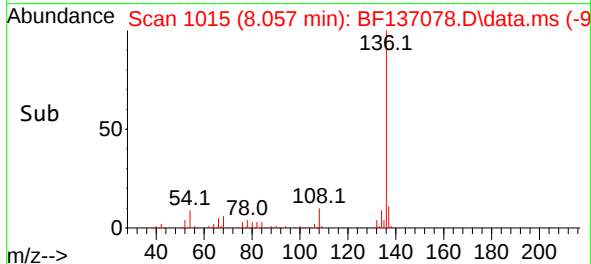
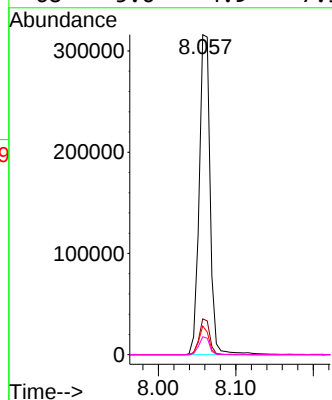
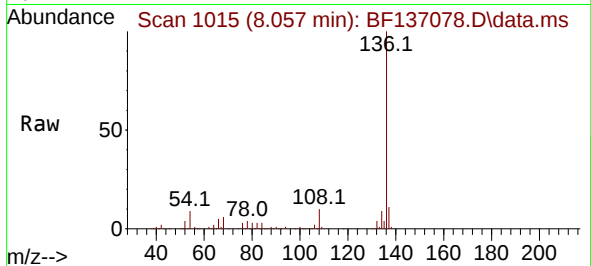


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF137078.D
Acq: 16 Jan 2024 14:38

Instrument :
BNA_F
ClientSampleId :
PB158434BL

Tgt Ion:136 Resp: 309398

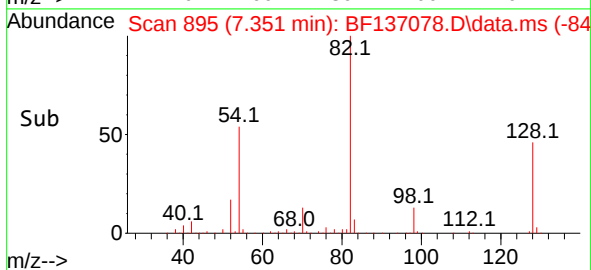
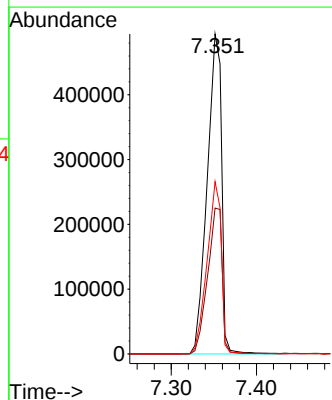
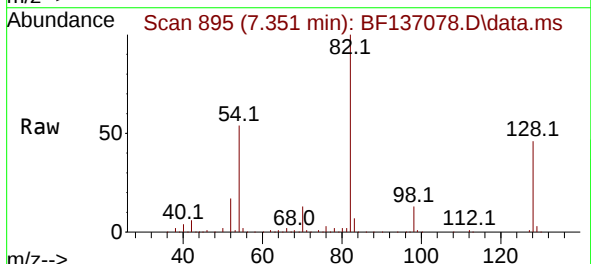
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	9.0	7.2	10.8
68	5.6	4.9	7.3



#23
Nitrobenzene-d5
Concen: 96.164 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137078.D
Acq: 16 Jan 2024 14:38

Tgt Ion: 82 Resp: 581442

Ion	Ratio	Lower	Upper
82	100		
128	45.6	35.3	52.9
54	53.9	44.5	66.7

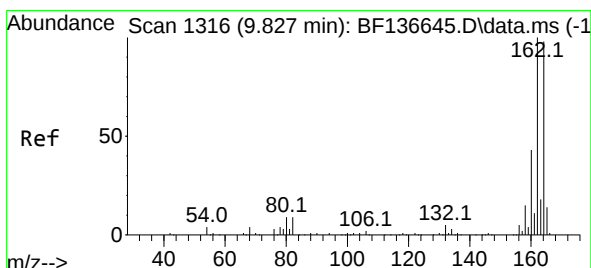
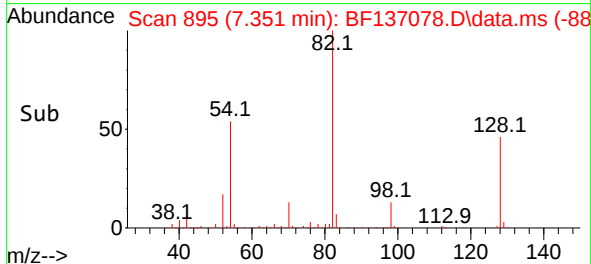
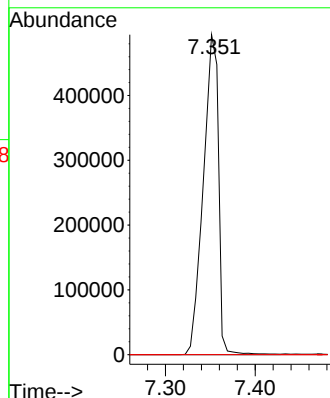
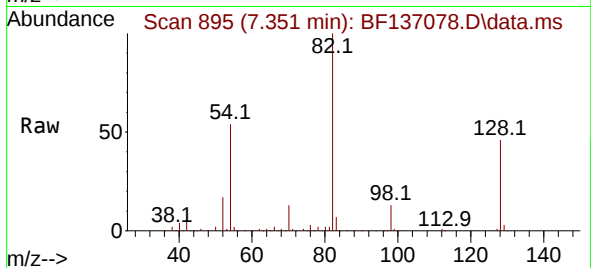




#25
Isophorone
Concen: 52.848 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.264 min
Lab File: BF137078.D
Acq: 16 Jan 2024 14:38

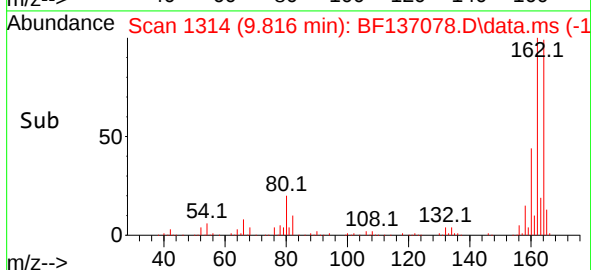
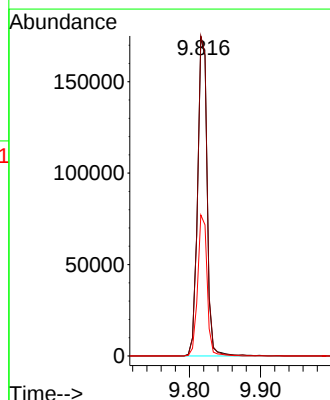
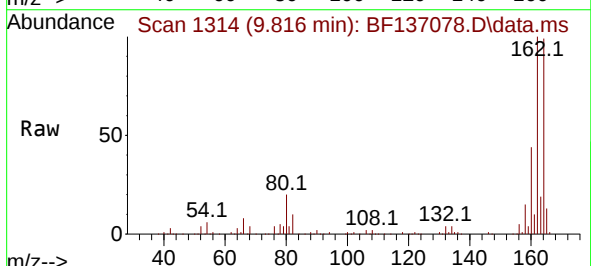
Instrument :
BNA_F
ClientSampleId :
PB158434BL

Tgt Ion: 82 Resp: 581433
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: BF137078.D
Acq: 16 Jan 2024 14:38

Tgt Ion:164 Resp: 162435
Ion Ratio Lower Upper
164 100
162 100.6 81.6 122.4
160 44.3 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 131.868 ng

RT: 10.622 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF137078.D

Acq: 16 Jan 2024 14:38

Instrument :

BNA_F

ClientSampleId :

PB158434BL

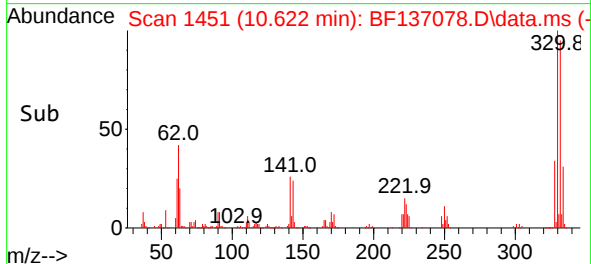
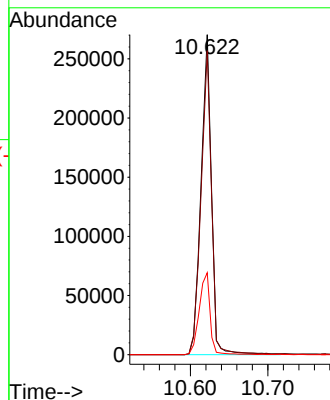
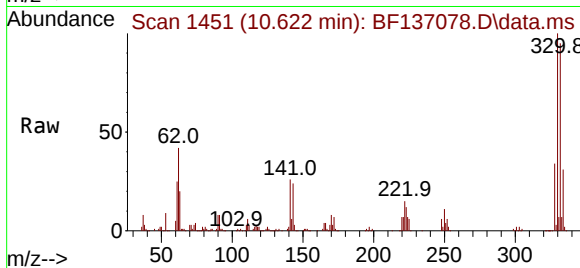
Tgt Ion:330 Resp: 252268

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.0

141 26.9 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 93.987 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF137078.D

Acq: 16 Jan 2024 14:38

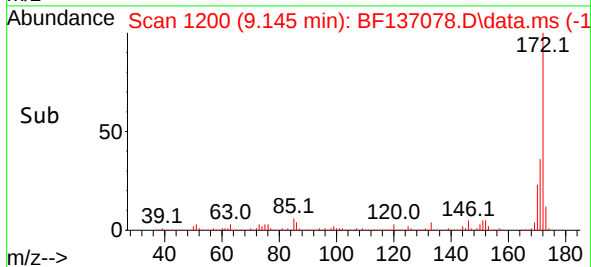
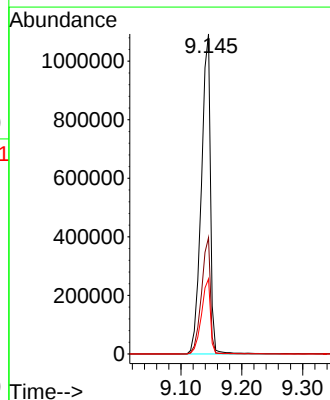
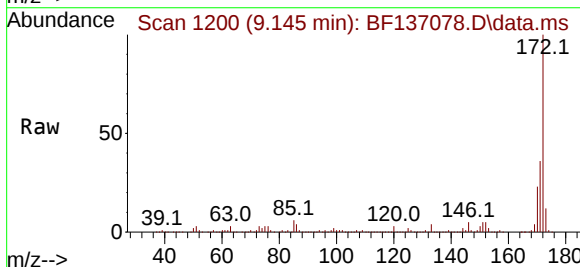
Tgt Ion:172 Resp: 1135088

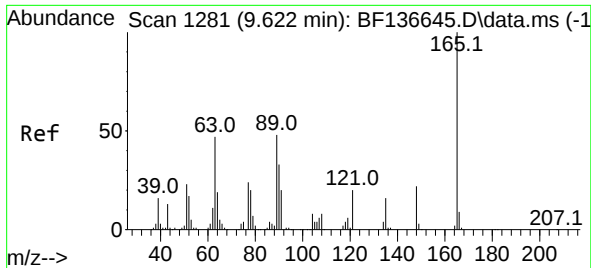
Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.6

170 23.4 19.0 28.4

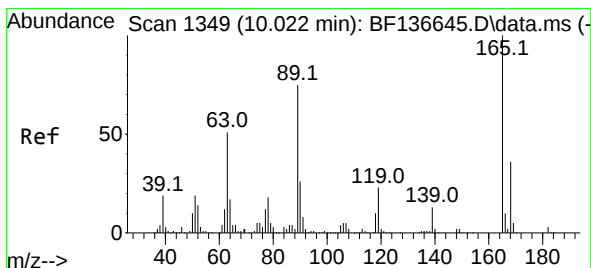
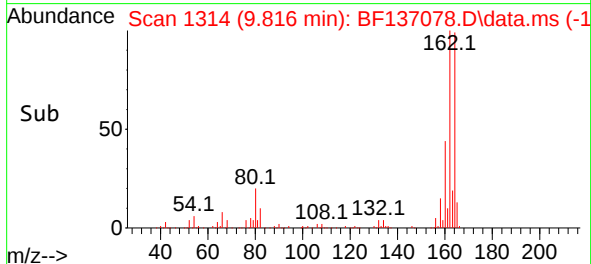
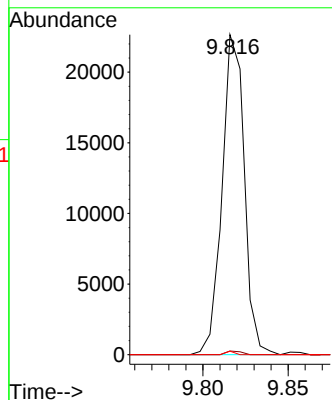
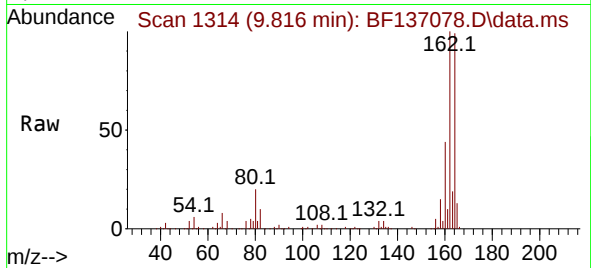




#51
2,6-Dinitrotoluene
Concen: 7.622 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF137078.D
Acq: 16 Jan 2024 14:38

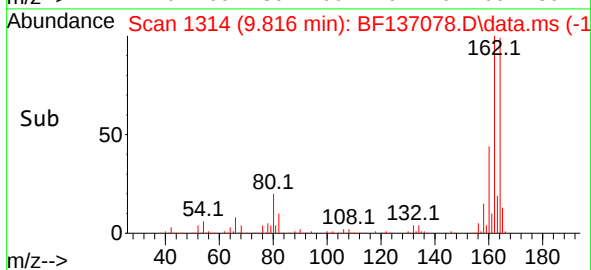
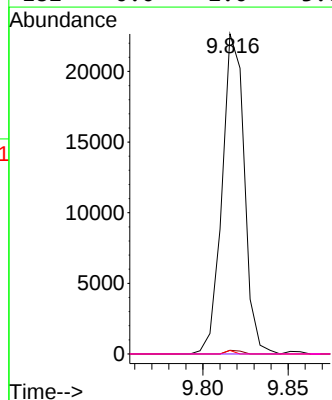
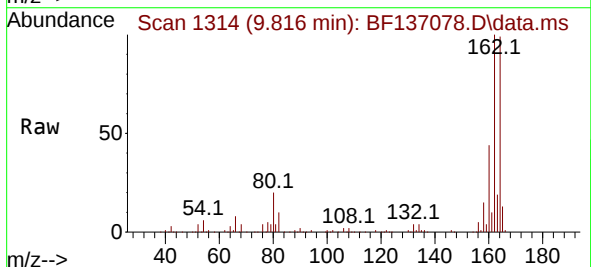
Instrument :
BNA_F
ClientSampleId :
PB158434BL

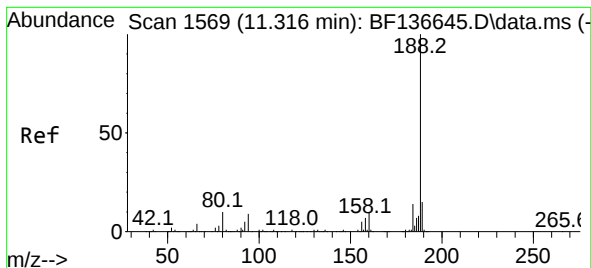
Tgt Ion:165 Resp: 20523
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.1 38.8 58.2#



#57
2,4-Dinitrotoluene
Concen: 5.871 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.206 min
Lab File: BF137078.D
Acq: 16 Jan 2024 14:38

Tgt Ion:165 Resp: 20523
Ion Ratio Lower Upper
165 100
63 1.2 41.0 61.6#
89 1.1 59.9 89.9#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137078.D

Acq: 16 Jan 2024 14:38

Instrument :

BNA_F

ClientSampleId :

PB158434BL

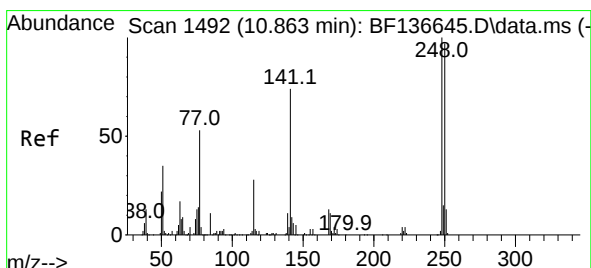
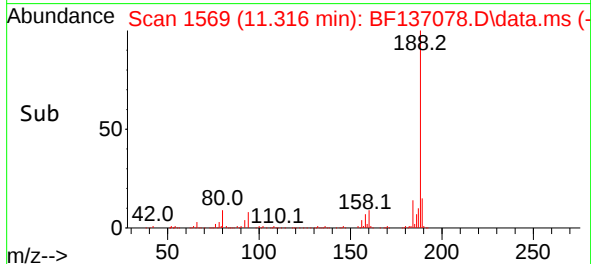
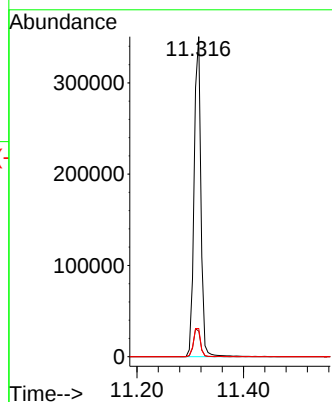
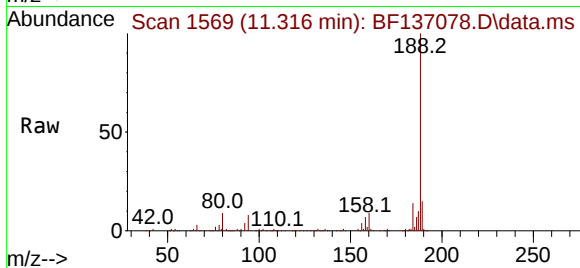
Tgt Ion:188 Resp: 310580

Ion Ratio Lower Upper

188 100

94 8.0 7.5 11.3

80 8.8 8.1 12.1



#67

4-Bromophenyl-phenylether

Concen: 4.197 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.241 min

Lab File: BF137078.D

Acq: 16 Jan 2024 14:38

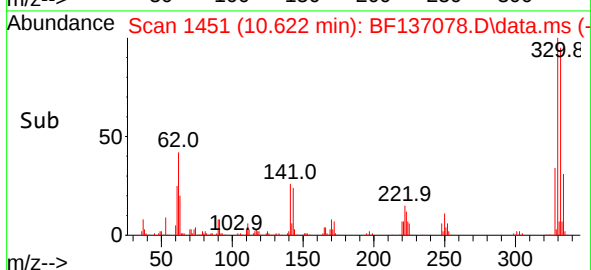
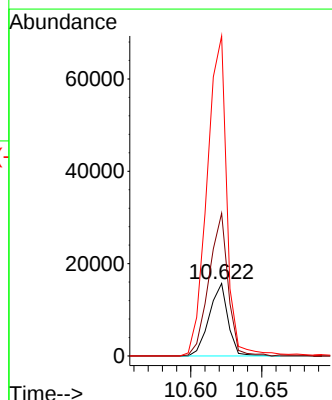
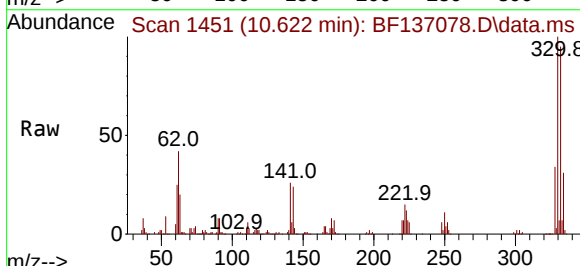
Tgt Ion:248 Resp: 14475

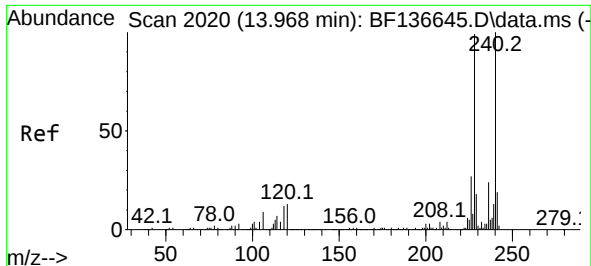
Ion Ratio Lower Upper

248 100

250 196.8 77.8 116.6#

141 441.2 59.2 88.8#

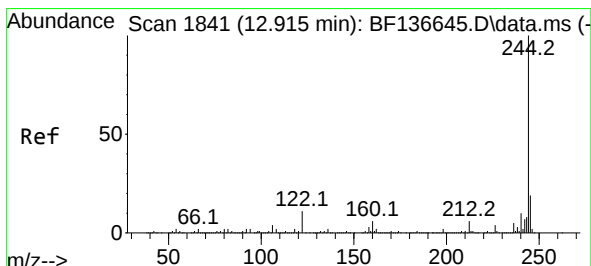
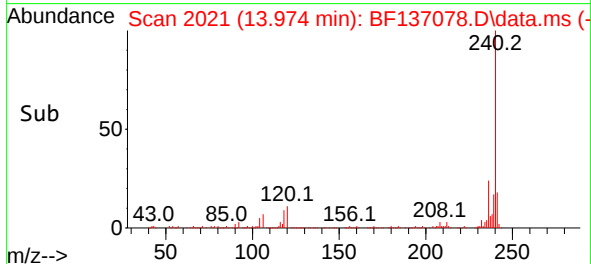
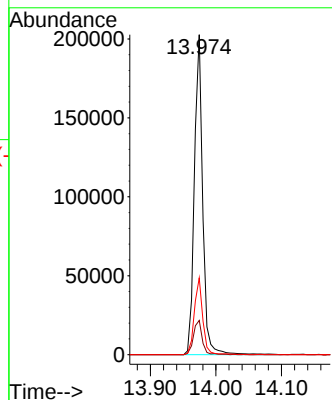
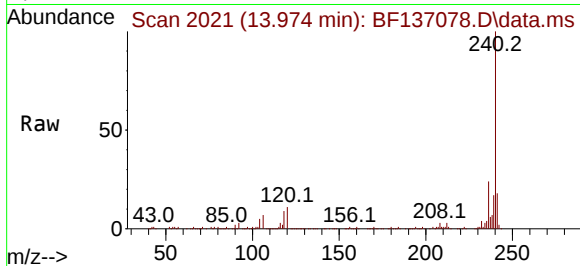




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF137078.D
Acq: 16 Jan 2024 14:38

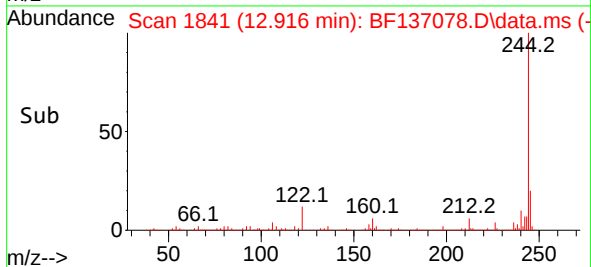
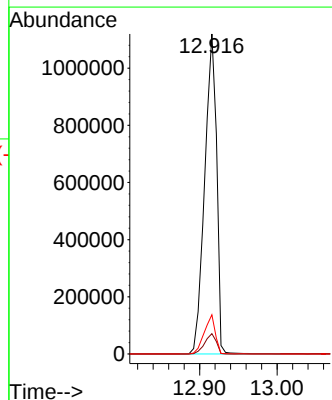
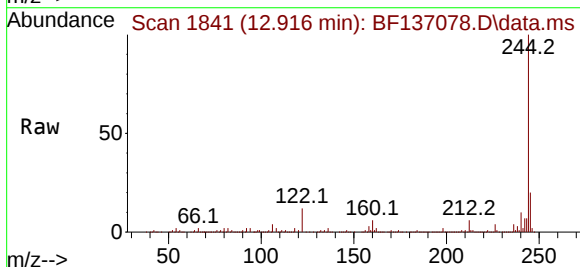
Instrument :
BNA_F
ClientSampleId :
PB158434BL

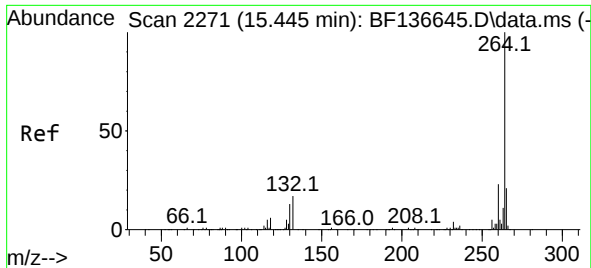
Tgt Ion:240 Resp: 179715
Ion Ratio Lower Upper
240 100
120 10.7 10.3 15.5
236 24.0 19.4 29.2



#79
Terphenyl-d14
Concen: 93.027 ng
RT: 12.916 min Scan# 1841
Delta R.T. 0.000 min
Lab File: BF137078.D
Acq: 16 Jan 2024 14:38

Tgt Ion:244 Resp: 1196335
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.4
122 12.3 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.463 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF137078.D
Acq: 16 Jan 2024 14:38

Instrument :
BNA_F
ClientSampleId :
PB158434BL

Tgt Ion:264 Resp: 155930

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.3	27.5
265	21.0	17.0	25.6

