

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011524\
 Data File : BF137063.D
 Acq On : 15 Jan 2024 15:11
 Operator : CG\JU
 Sample : P1132-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200010

Quant Time: Jan 15 15:51:18 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)

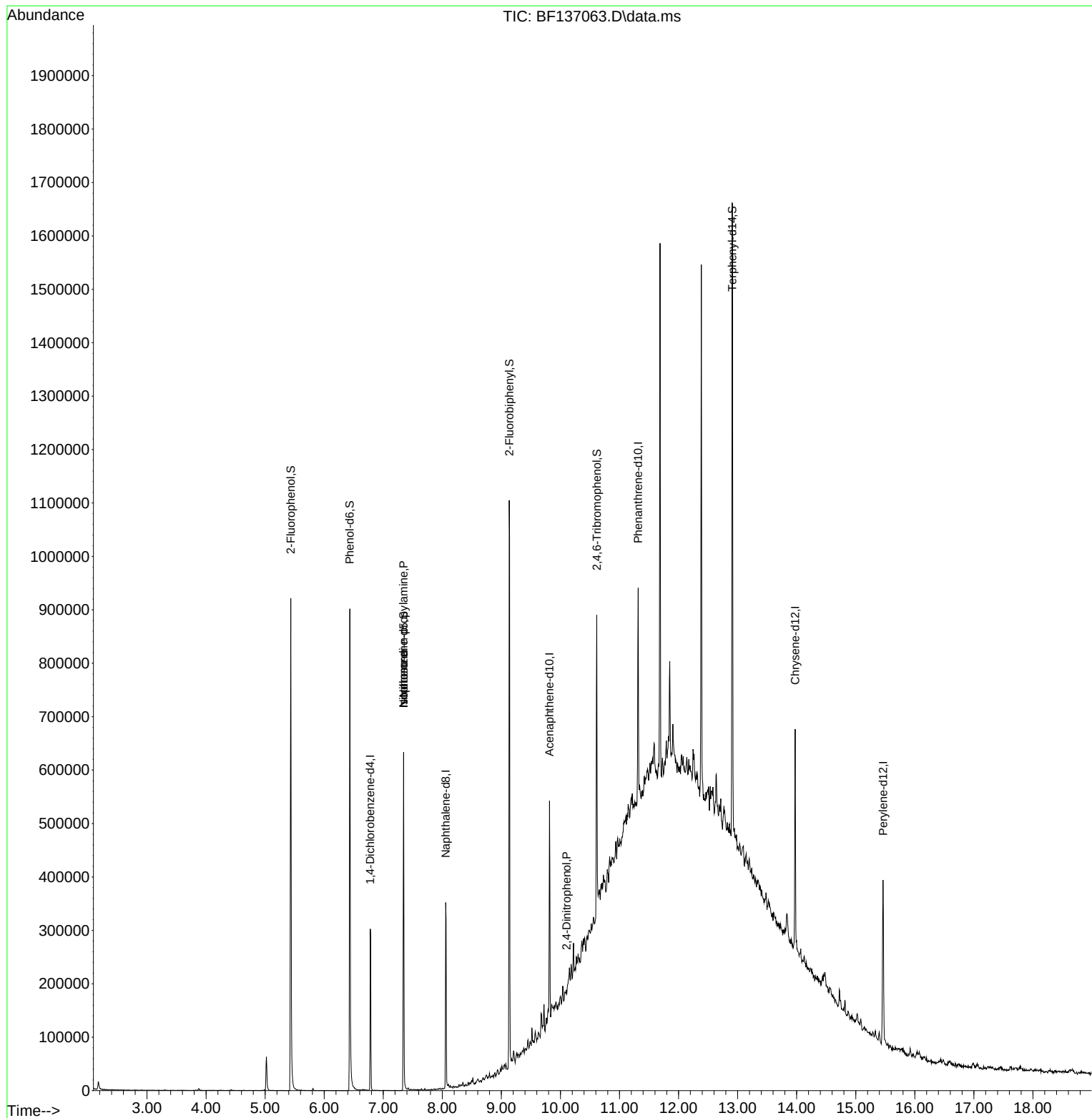
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	47075	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	162498	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	75867	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	138736	20.000	ng	0.00
76) Chrysene-d12	13.974	240	135336	20.000	ng	0.00
86) Perylene-d12	15.462	264	145578	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	251099	83.226	ng	0.00
7) Phenol-d6	6.434	99	291303	74.513	ng	0.00
23) Nitrobenzene-d5	7.345	82	178814	56.309	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	71443	79.958	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	348041	61.701	ng	-0.02
79) Terphenyl-d14	12.910	244	425372	43.924	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	22419	9.460	ng	# 75
25) Isophorone	7.345	82	178812	30.945	ng	# 65
54) 2,4-Dinitrophenol	10.104	184	67	3.827	ng	# 30

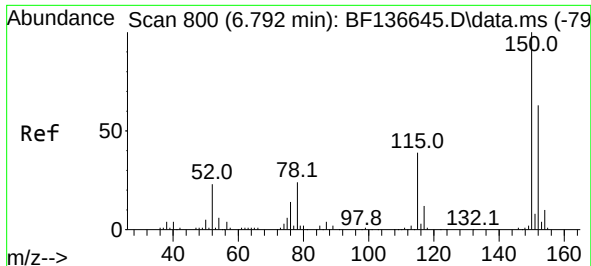
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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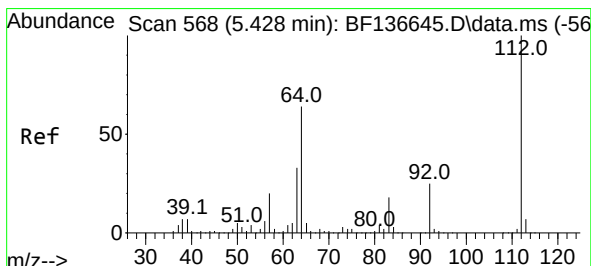
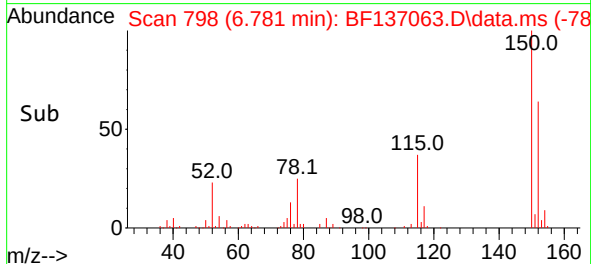
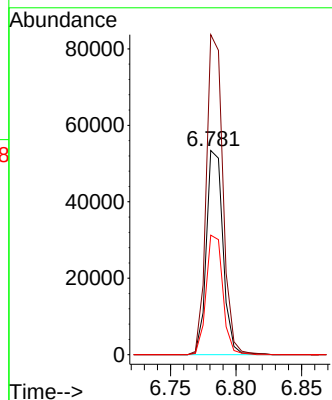
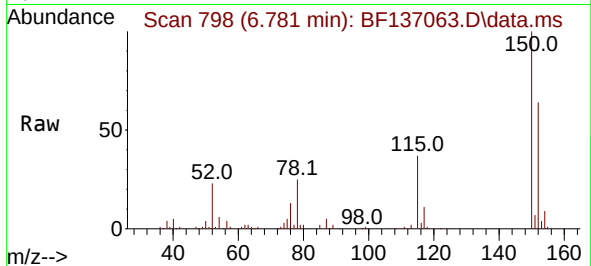




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF137063.D
Acq: 15 Jan 2024 15:11

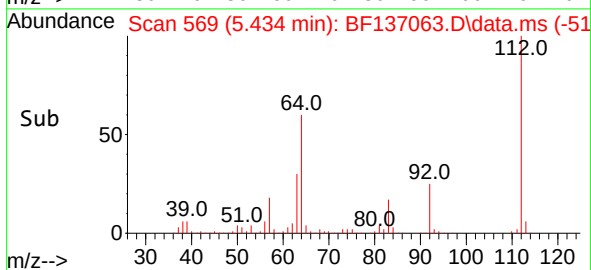
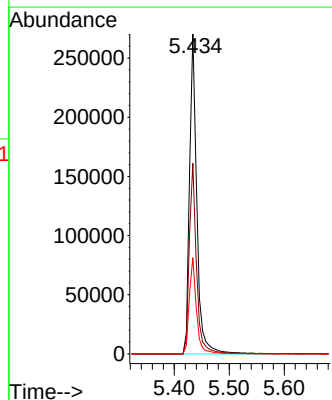
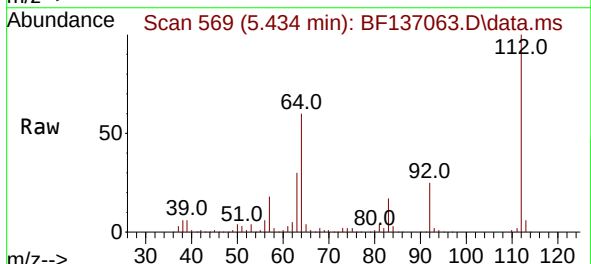
Instrument :
BNA_F
ClientSampleId :
RBR200010

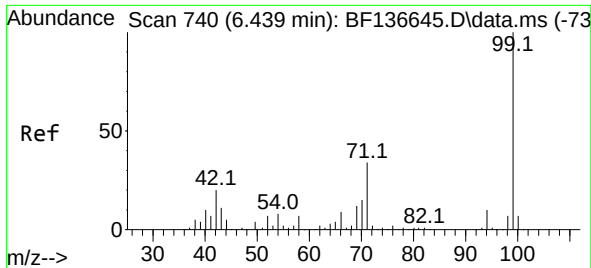
Tgt Ion:152 Resp: 47075
Ion Ratio Lower Upper
152 100
150 156.7 127.0 190.6
115 58.6 49.0 73.4



#5
2-Fluorophenol
Concen: 83.226 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF137063.D
Acq: 15 Jan 2024 15:11

Tgt Ion:112 Resp: 251099
Ion Ratio Lower Upper
112 100
64 59.6 51.1 76.7
63 30.1 26.1 39.1

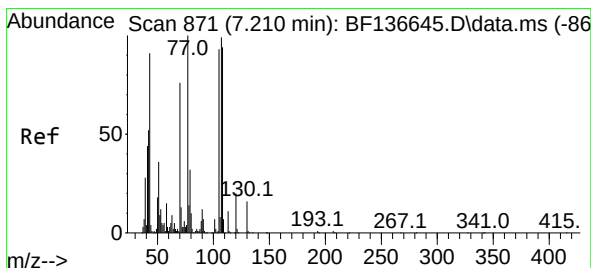
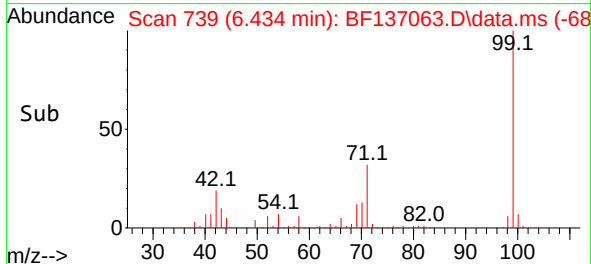
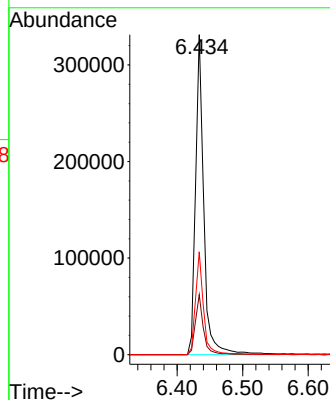
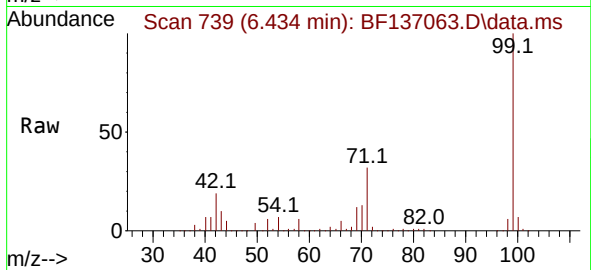




#7
Phenol-d6
Concen: 74.513 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137063.D
Acq: 15 Jan 2024 15:11

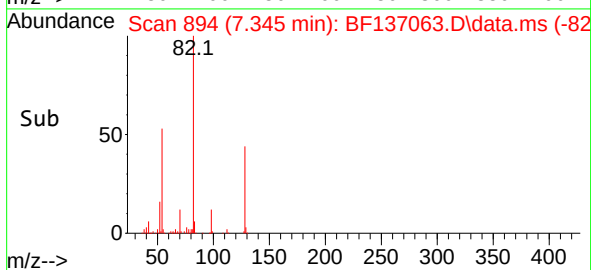
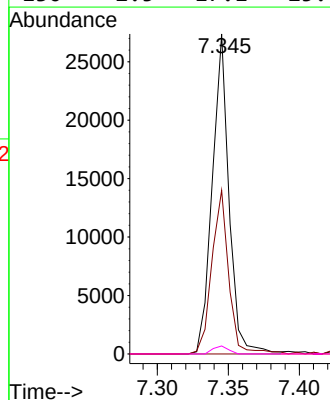
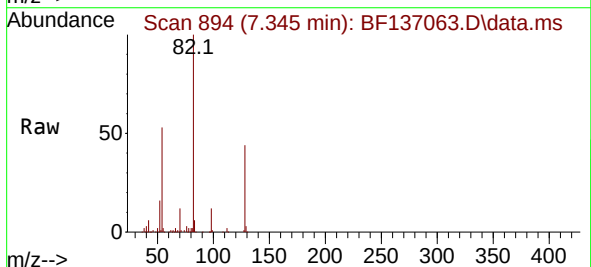
Instrument :
BNA_F
ClientSampleId :
RBR200010

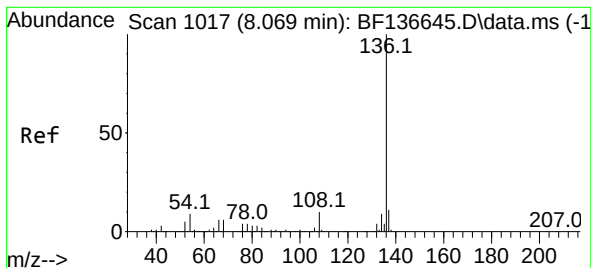
Tgt Ion: 99 Resp: 291303
Ion Ratio Lower Upper
99 100
42 18.7 16.1 24.1
71 32.1 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 9.460 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF137063.D
Acq: 15 Jan 2024 15:11

Tgt Ion: 70 Resp: 22419
Ion Ratio Lower Upper
70 100
42 51.1 54.2 81.4#
101 0.0 7.6 11.4#
130 2.5 17.1 25.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.057 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF137063.D

Acq: 15 Jan 2024 15:11

Instrument :

BNA_F

ClientSampleId :

RBR200010

Tgt Ion:136 Resp: 162498

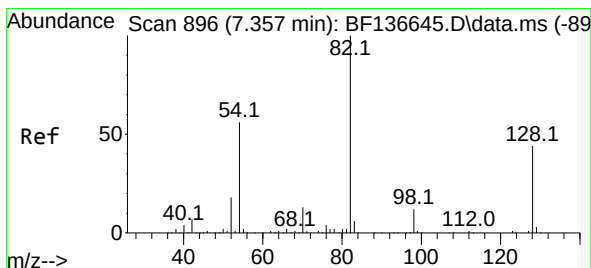
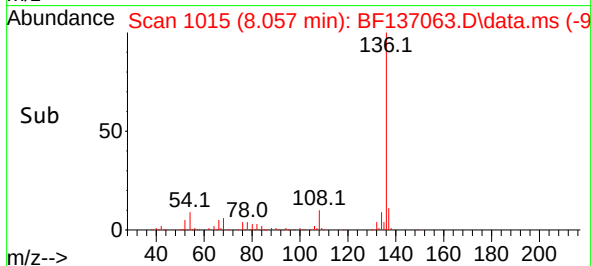
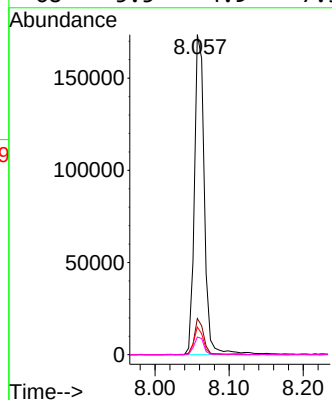
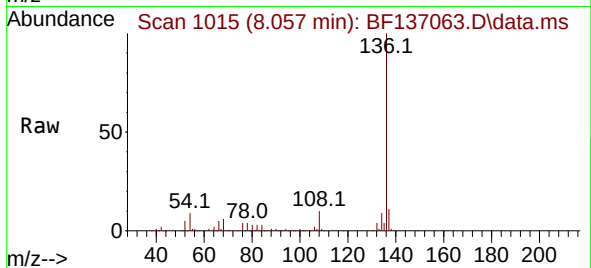
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 8.7 7.2 10.8

68 5.5 4.9 7.3



#23

Nitrobenzene-d5

Concen: 56.309 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF137063.D

Acq: 15 Jan 2024 15:11

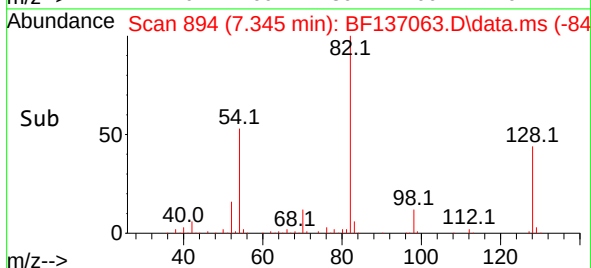
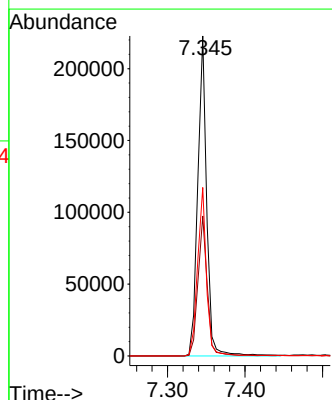
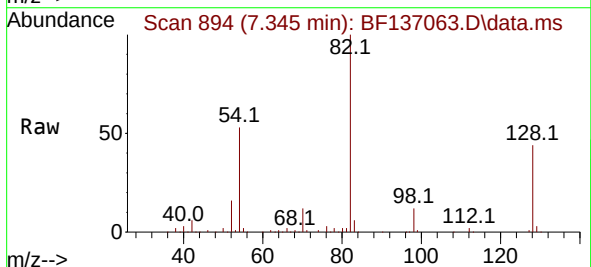
Tgt Ion: 82 Resp: 178814

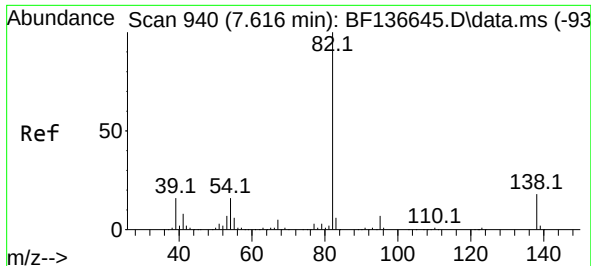
Ion Ratio Lower Upper

82 100

128 43.7 35.3 52.9

54 52.6 44.5 66.7

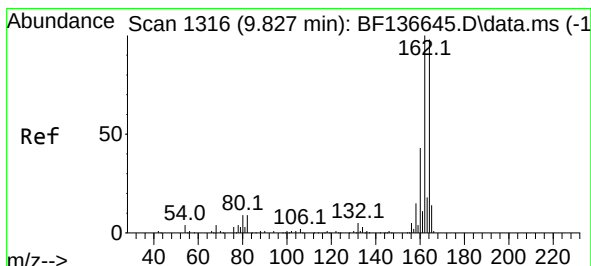
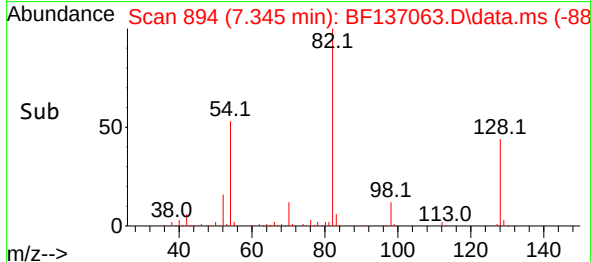
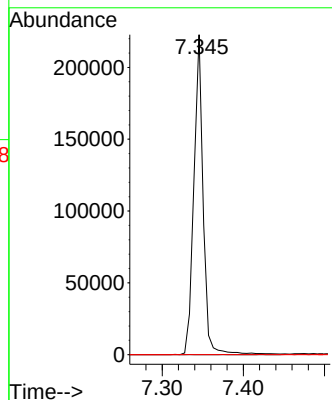
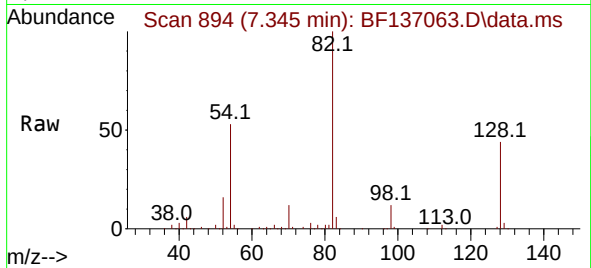




#25
Isophorone
Concen: 30.945 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF137063.D
Acq: 15 Jan 2024 15:11

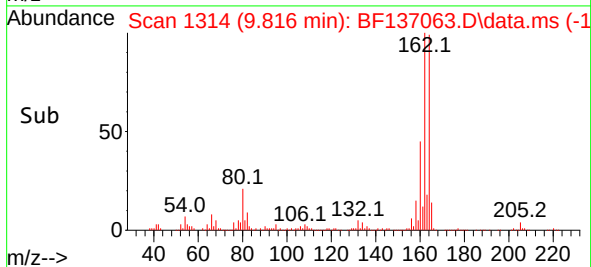
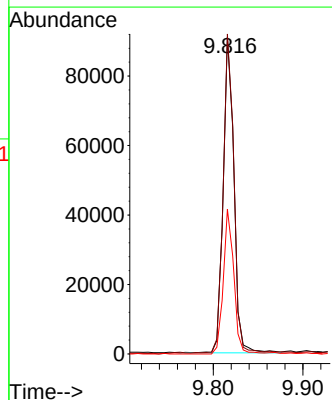
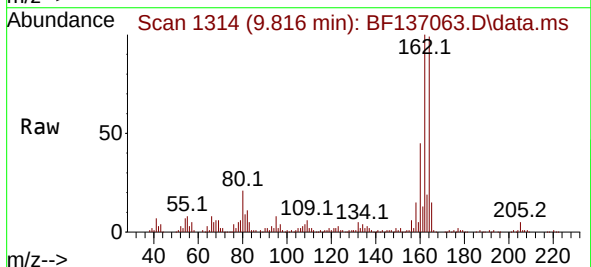
Instrument :
BNA_F
ClientSampleId :
RBR200010

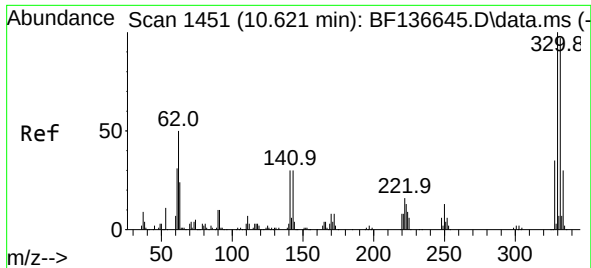
Tgt Ion: 82 Resp: 178812
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF137063.D
Acq: 15 Jan 2024 15:11

Tgt Ion:164 Resp: 75867
Ion Ratio Lower Upper
164 100
162 101.0 81.6 122.4
160 45.7 34.9 52.3

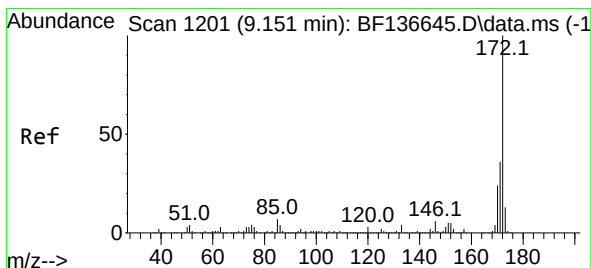
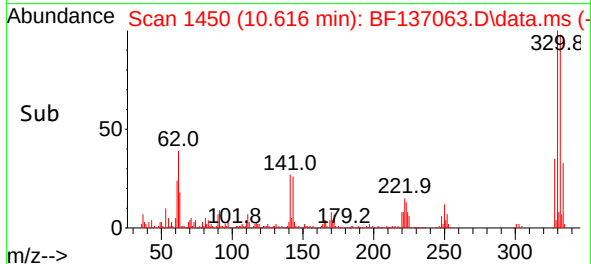
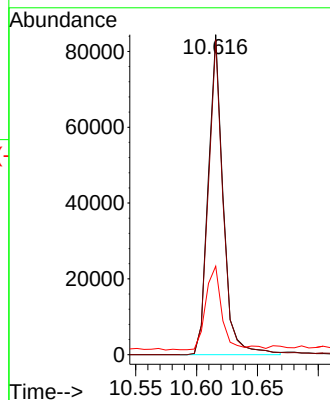
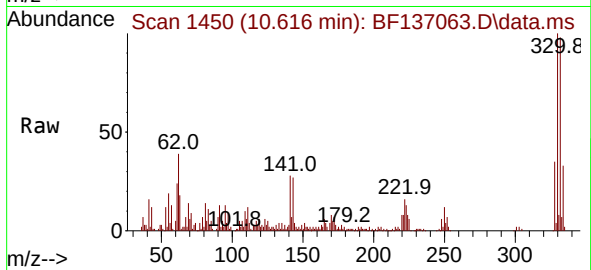




#42
2,4,6-Tribromophenol
Concen: 79.958 ng
RT: 10.616 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF137063.D
Acq: 15 Jan 2024 15:11

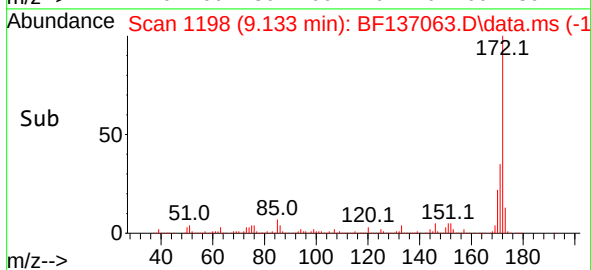
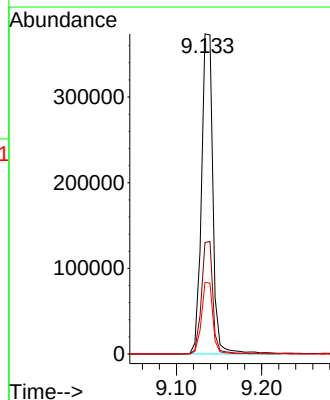
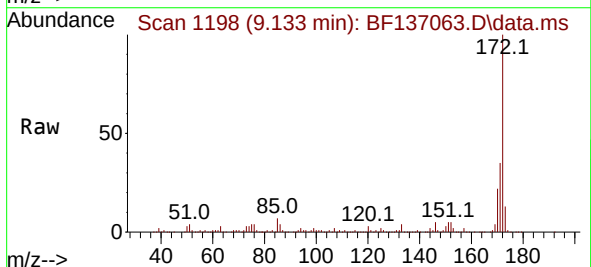
Instrument :
BNA_F
ClientSampleId :
RBR200010

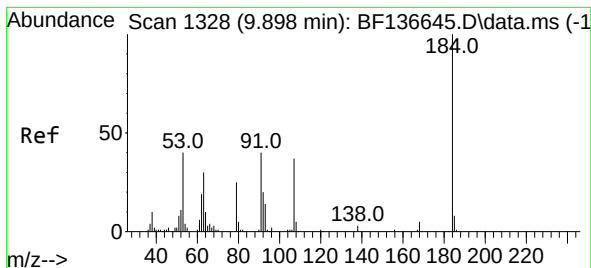
Tgt Ion:330 Resp: 71443
Ion Ratio Lower Upper
330 100
332 98.6 77.4 116.0
141 28.8 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 61.701 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BF137063.D
Acq: 15 Jan 2024 15:11

Tgt Ion:172 Resp: 348041
Ion Ratio Lower Upper
172 100
171 34.9 29.0 43.6
170 22.4 19.0 28.4





#54

2,4-Dinitrophenol

Concen: 3.827 ng

RT: 10.104 min Scan# 1

Delta R.T. 0.206 min

Lab File: BF137063.D

Acq: 15 Jan 2024 15:11

Instrument :

BNA_F

ClientSampleId :

RBR200010

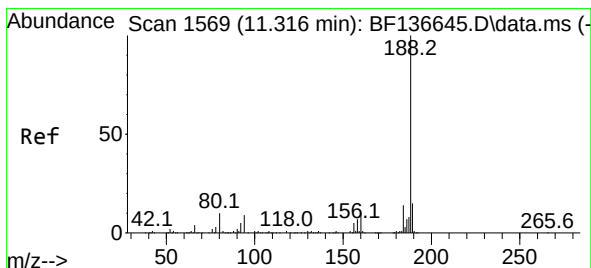
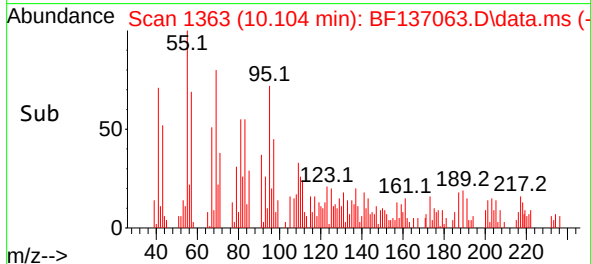
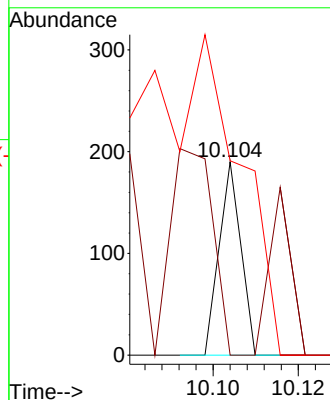
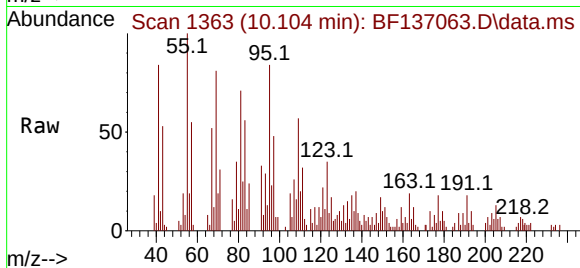
Tgt Ion:184 Resp: 67

Ion Ratio Lower Upper

184 100

63 0.0 40.9 61.3#

154 100.5 42.7 64.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1569

Delta R.T. 0.000 min

Lab File: BF137063.D

Acq: 15 Jan 2024 15:11

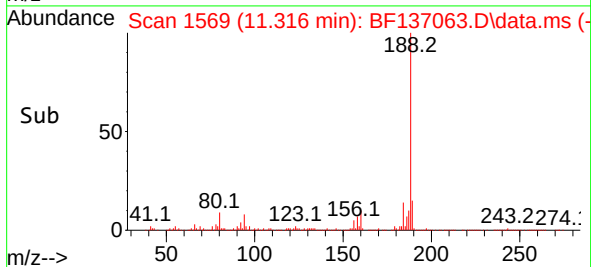
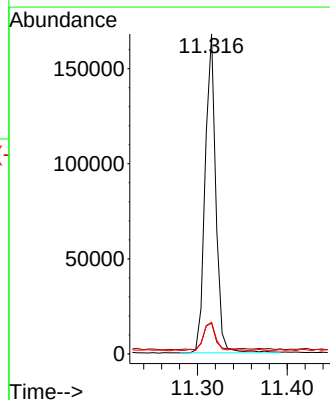
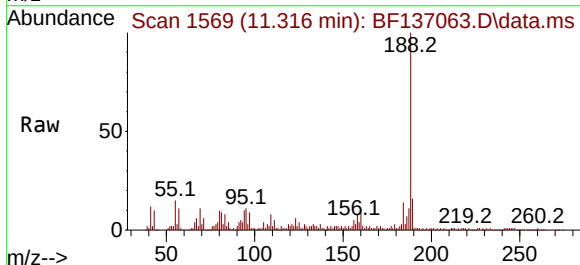
Tgt Ion:188 Resp: 138736

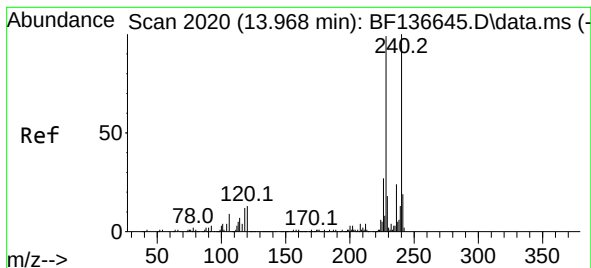
Ion Ratio Lower Upper

188 100

94 9.7 7.5 11.3

80 9.9 8.1 12.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF137063.D

Acq: 15 Jan 2024 15:11

Instrument :

BNA_F

ClientSampleId :

RBR200010

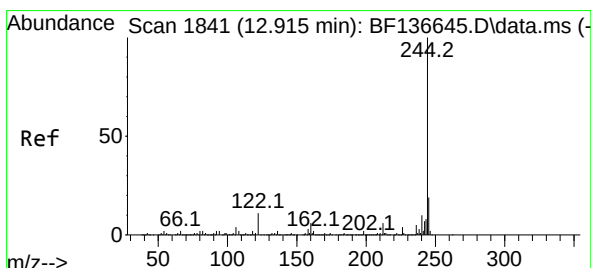
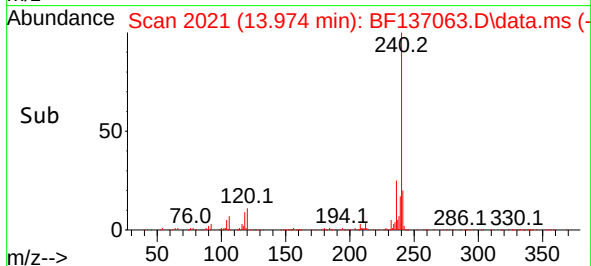
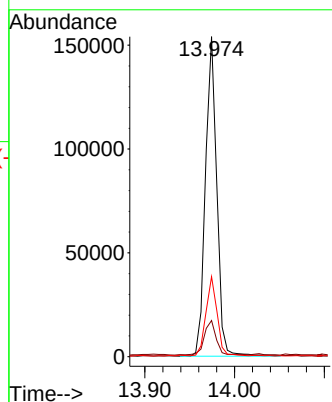
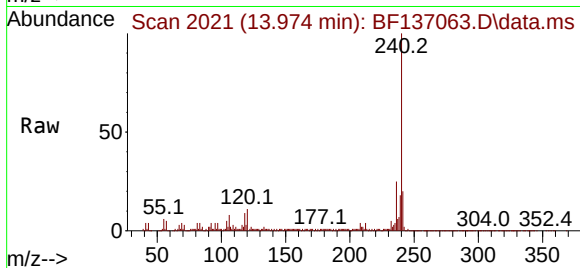
Tgt Ion:240 Resp: 135336

Ion Ratio Lower Upper

240 100

120 11.3 10.3 15.5

236 25.0 19.4 29.2



#79

Terphenyl-d14

Concen: 43.924 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF137063.D

Acq: 15 Jan 2024 15:11

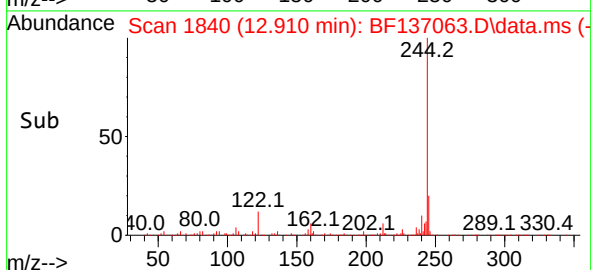
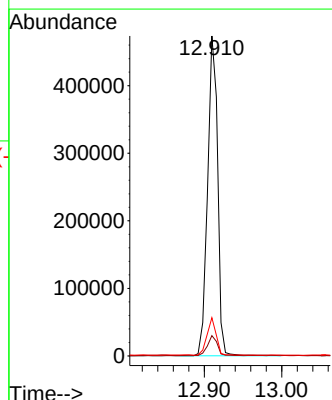
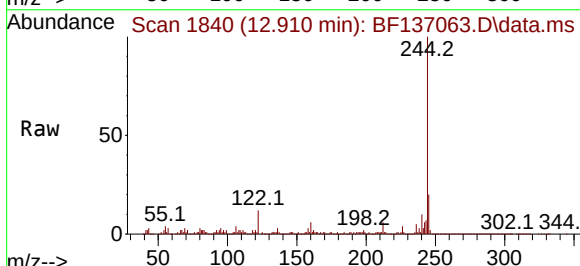
Tgt Ion:244 Resp: 425372

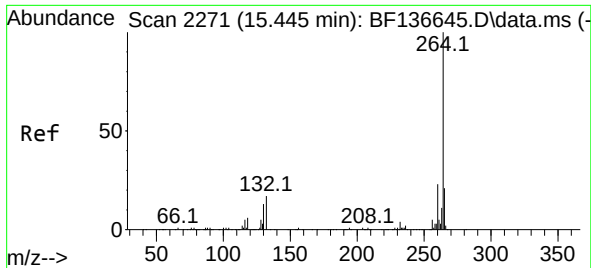
Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

122 11.9 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: BF137063.D
Acq: 15 Jan 2024 15:11

Instrument :
BNA_F
ClientSampleId :
RBR200010

Tgt Ion:264 Resp: 145578

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.3	27.5
265	21.2	17.0	25.6

