

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
 Data File : BF137811.D
 Acq On : 02 May 2024 12:44
 Operator : CG\JU
 Sample : P2307-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-3

Quant Time: May 02 13:22:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	228550	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	879524	20.000	ng	0.00
39) Acenaphthene-d10	10.098	164	479173	20.000	ng	-0.01
64) Phenanthrene-d10	11.598	188	543858	20.000	ng	# 0.00
76) Chrysene-d12	14.245	240	273160	20.000	ng	0.00
86) Perylene-d12	15.815	264	252385	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.692	112	1689881	123.796	ng	0.02
7) Phenol-d6	6.669	99	1969079	113.725	ng	0.00
23) Nitrobenzene-d5	7.616	82	1402907	92.671	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	486382	99.414	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	2641727	89.442	ng	0.00
79) Terphenyl-d14	13.186	244	1797866	110.301	ng	0.00

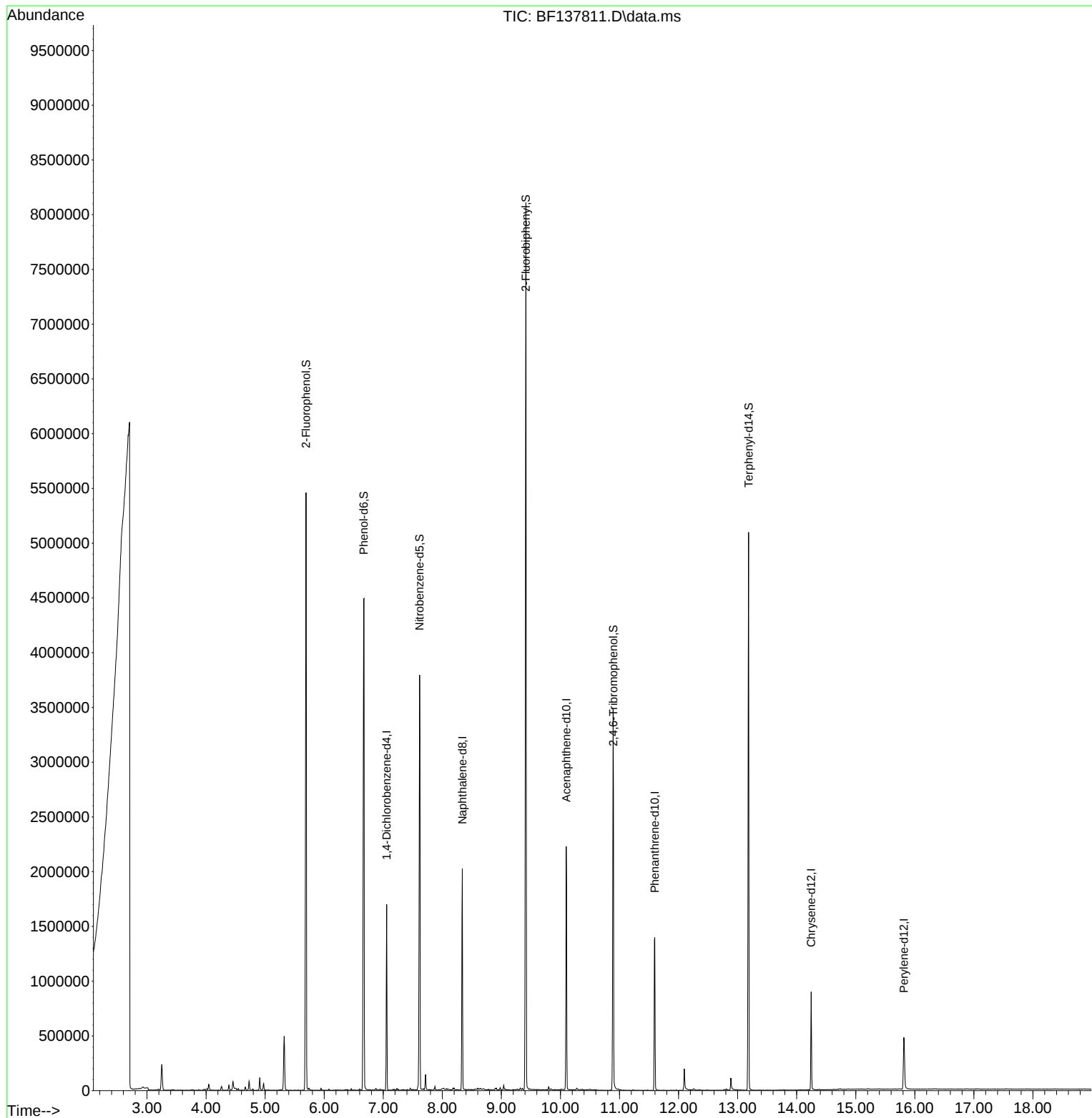
Target Compounds Qvalue

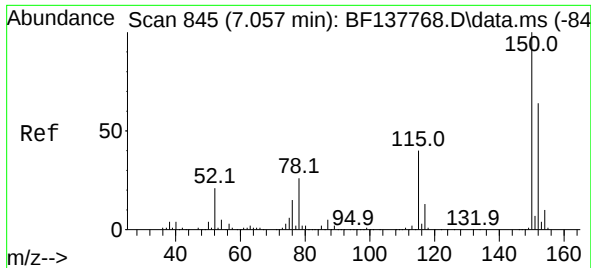
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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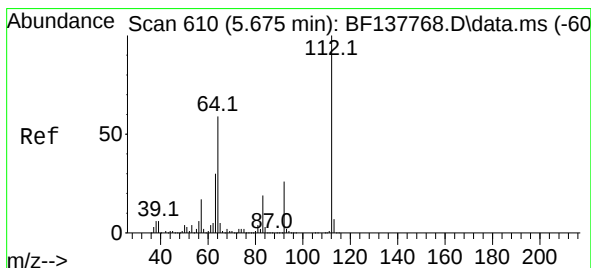
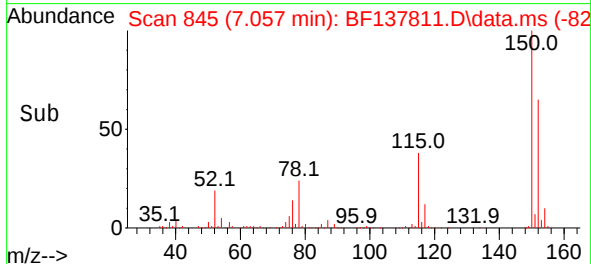
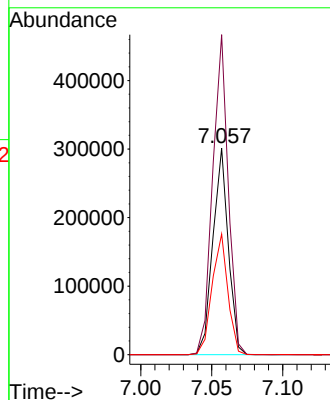
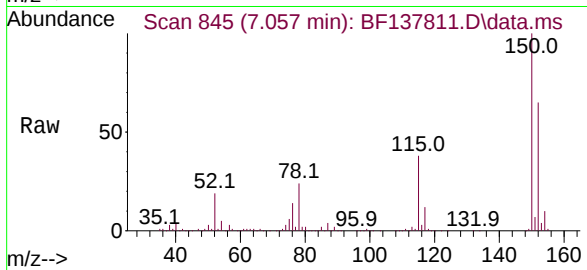




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF137811.D
Acq: 02 May 2024 12:44

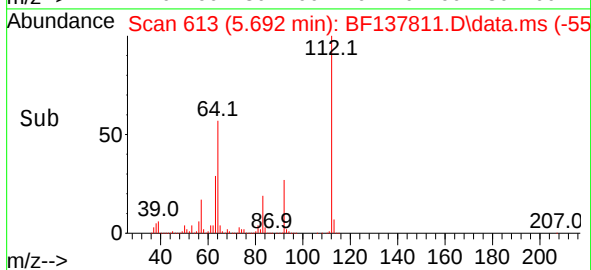
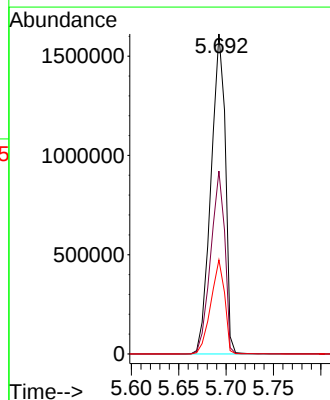
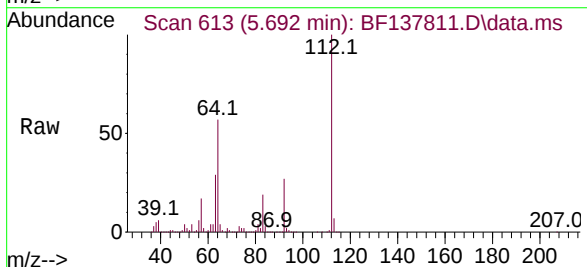
Instrument :
BNA_F
ClientSampleId :
WC-3

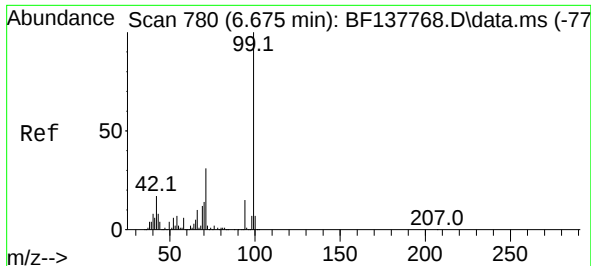
Tgt Ion:152 Resp: 228550
Ion Ratio Lower Upper
152 100
150 154.9 124.1 186.1
115 58.4 49.1 73.7



#5
2-Fluorophenol
Concen: 123.796 ng
RT: 5.692 min Scan# 613
Delta R.T. 0.017 min
Lab File: BF137811.D
Acq: 02 May 2024 12:44

Tgt Ion:112 Resp: 1689881
Ion Ratio Lower Upper
112 100
64 57.2 47.3 70.9
63 29.4 23.7 35.5





#7

Phenol-d6

Concen: 113.725 ng

RT: 6.669 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF137811.D

Acq: 02 May 2024 12:44

Instrument :

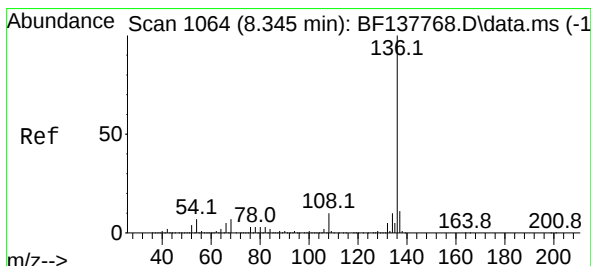
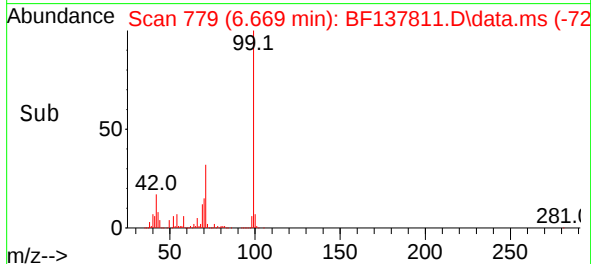
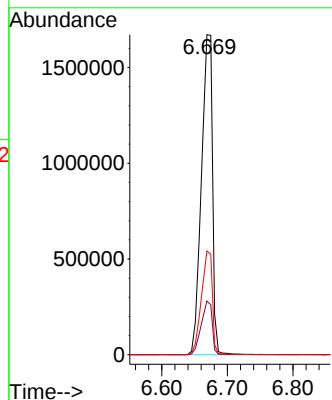
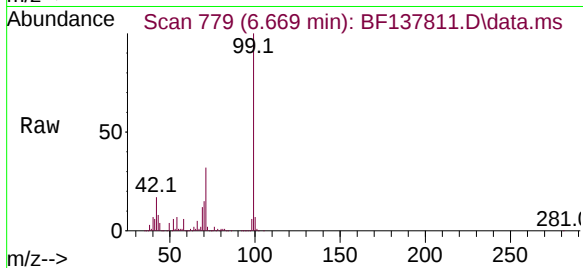
BNA_F

ClientSampleId :

WC-3

Tgt Ion: 99 Resp: 1969079

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.2	19.8
71	32.4	25.0	37.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.339 min Scan# 1063

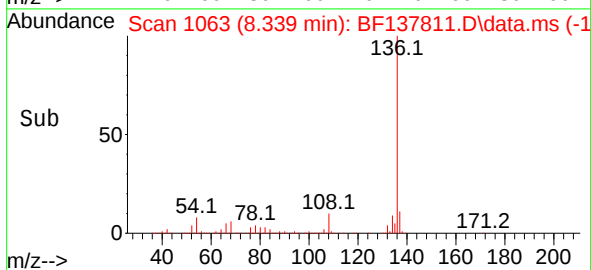
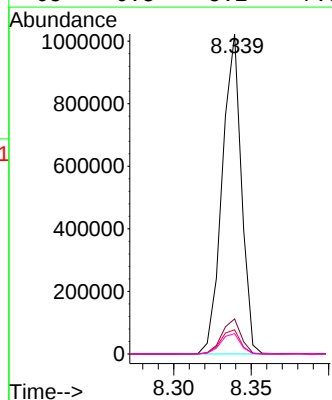
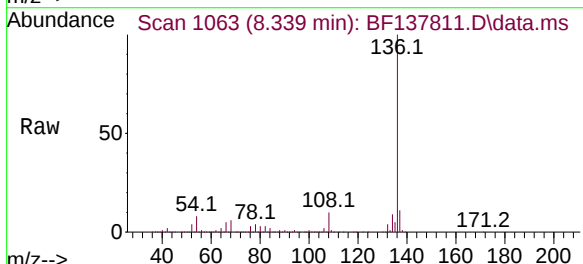
Delta R.T. -0.006 min

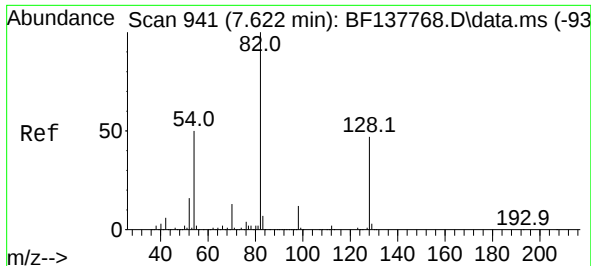
Lab File: BF137811.D

Acq: 02 May 2024 12:44

Tgt Ion: 136 Resp: 879524

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.5	5.8	8.8
68	6.3	5.2	7.8





#23

Nitrobenzene-d5

Concen: 92.671 ng

RT: 7.616 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF137811.D

Acq: 02 May 2024 12:44

Instrument :

BNA_F

ClientSampleId :

WC-3

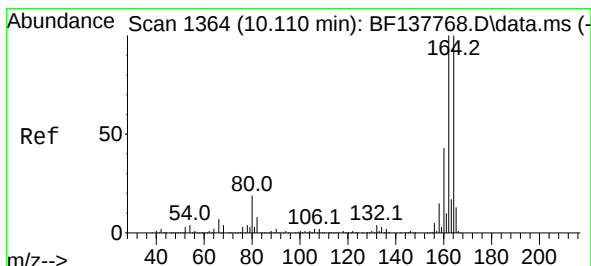
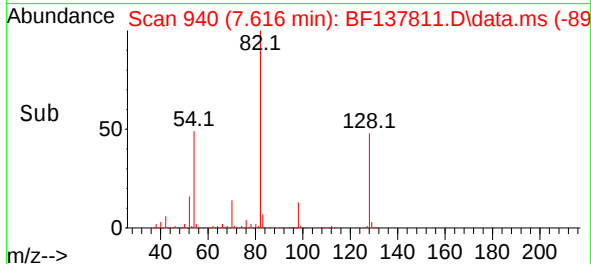
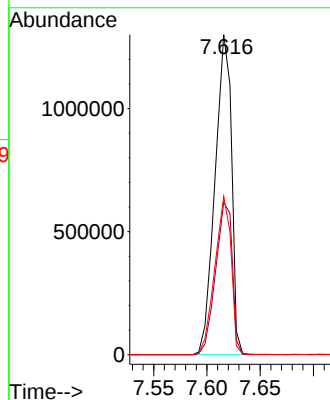
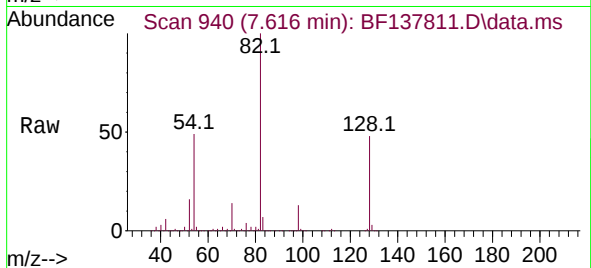
Tgt Ion: 82 Resp: 1402907

Ion Ratio Lower Upper

82 100

128 47.6 37.5 56.3

54 49.5 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.098 min Scan# 1362

Delta R.T. -0.012 min

Lab File: BF137811.D

Acq: 02 May 2024 12:44

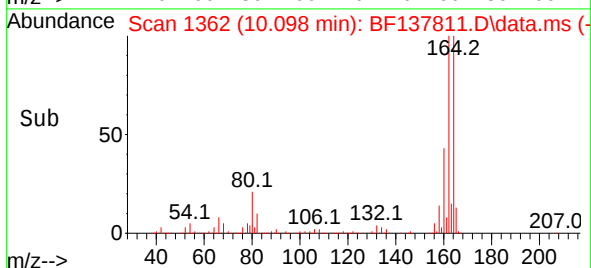
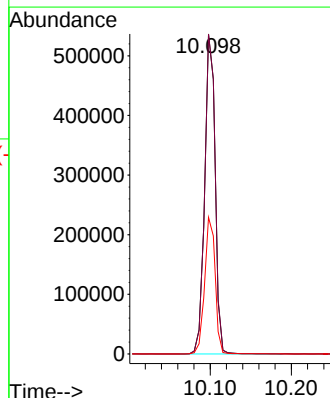
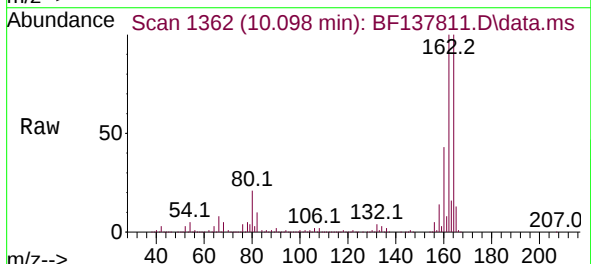
Tgt Ion:164 Resp: 479173

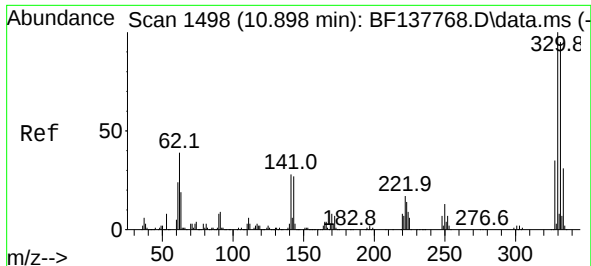
Ion Ratio Lower Upper

164 100

162 100.0 79.8 119.6

160 42.7 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 99.414 ng

RT: 10.898 min Scan# 1498

Delta R.T. -0.000 min

Lab File: BF137811.D

Acq: 02 May 2024 12:44

Instrument :

BNA_F

ClientSampleId :

WC-3

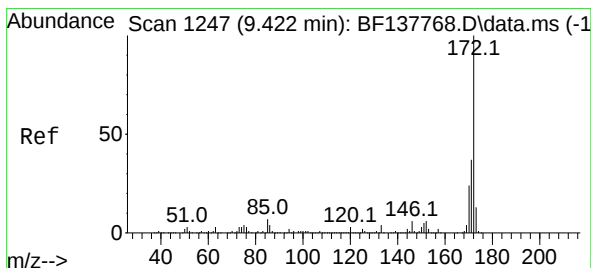
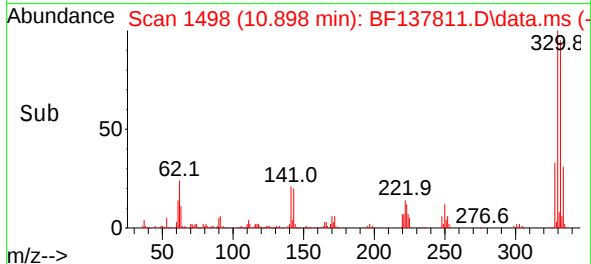
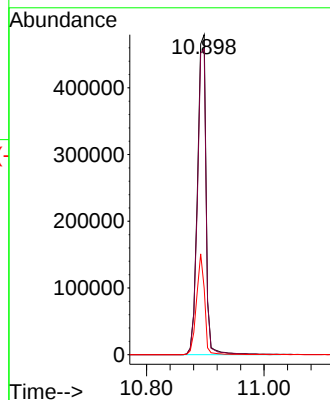
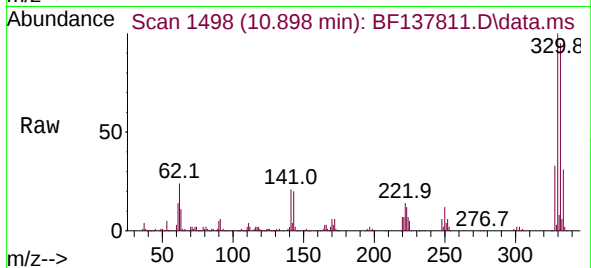
Tgt Ion:330 Resp: 486382

Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

141 29.5 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 89.442 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF137811.D

Acq: 02 May 2024 12:44

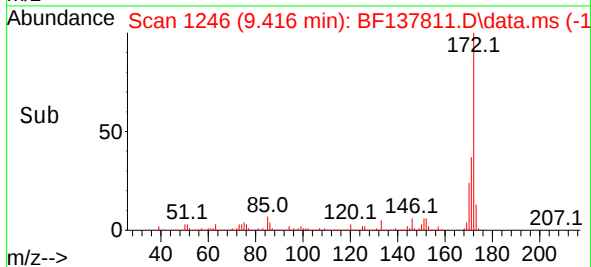
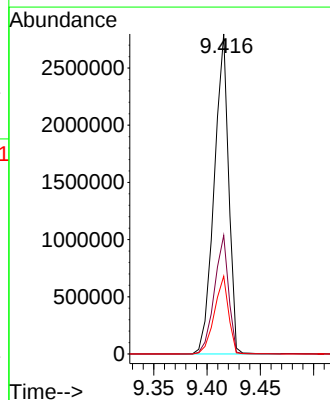
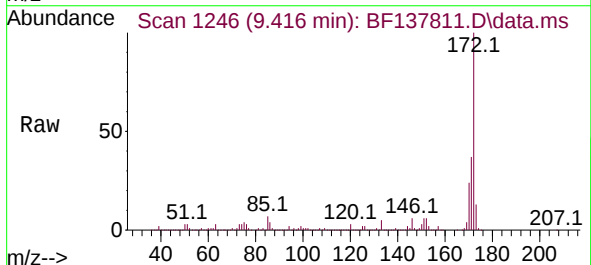
Tgt Ion:172 Resp: 2641727

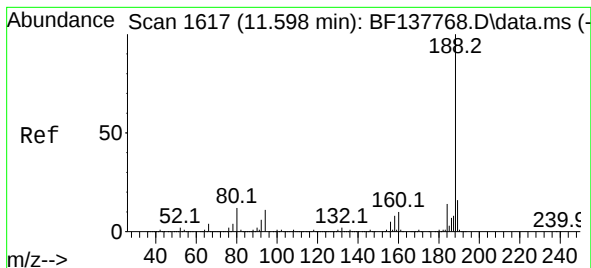
Ion Ratio Lower Upper

172 100

171 37.1 29.6 44.4

170 24.3 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.598 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137811.D

Acq: 02 May 2024 12:44

Instrument :

BNA_F

ClientSampleId :

WC-3

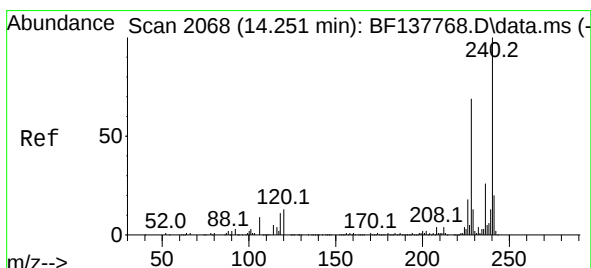
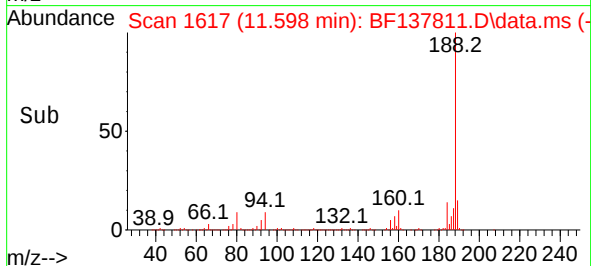
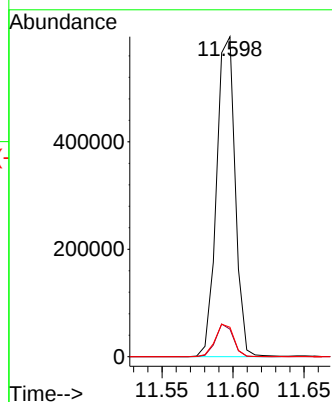
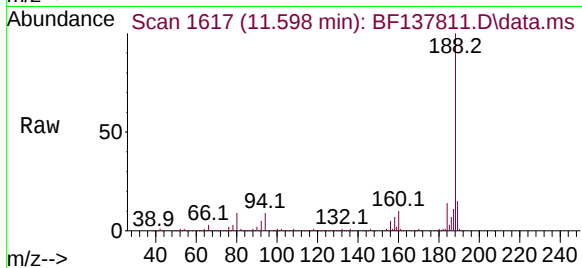
Tgt Ion:188 Resp: 543858

Ion Ratio Lower Upper

188 100

94 8.6 8.8 13.2#

80 9.2 9.6 14.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.245 min Scan# 2067

Delta R.T. -0.006 min

Lab File: BF137811.D

Acq: 02 May 2024 12:44

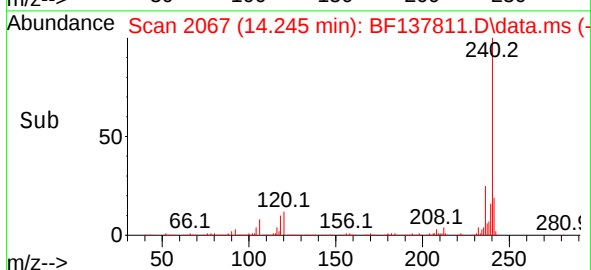
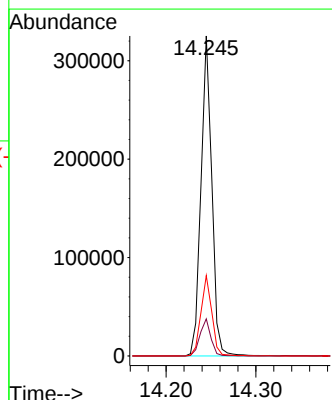
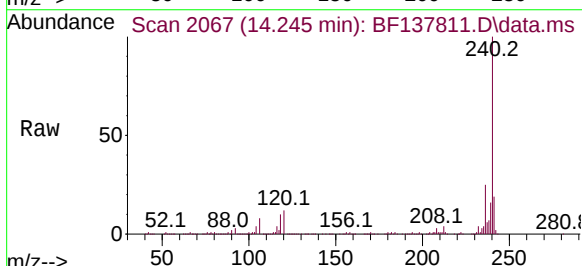
Tgt Ion:240 Resp: 273160

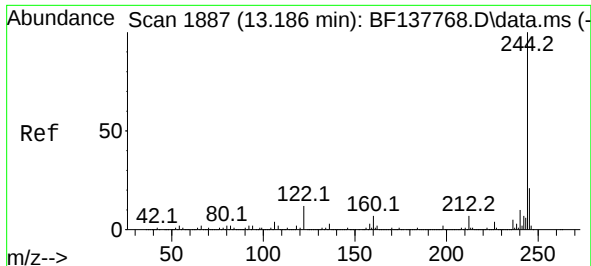
Ion Ratio Lower Upper

240 100

120 11.6 10.4 15.6

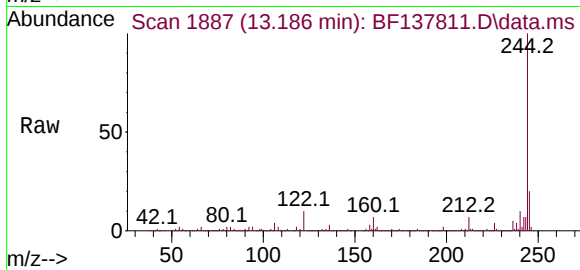
236 25.1 20.4 30.6



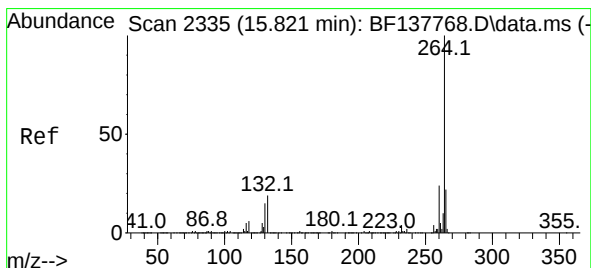
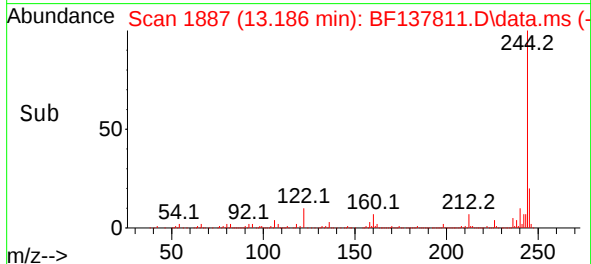
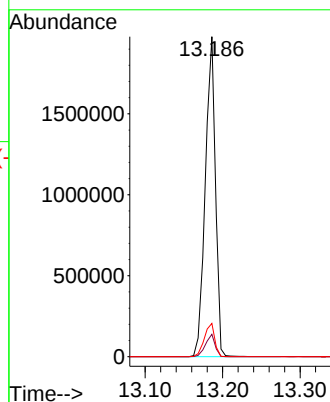


#79
 Terphenyl-d14
 Concen: 110.301 ng
 RT: 13.186 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF137811.D
 Acq: 02 May 2024 12:44

Instrument :
 BNA_F
 ClientSampleId :
 WC-3



Tgt Ion:244 Resp: 1797866
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 10.4 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.815 min Scan# 2334
 Delta R.T. -0.006 min
 Lab File: BF137811.D
 Acq: 02 May 2024 12:44

Tgt Ion:264 Resp: 252385
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.9 28.3
 265 21.3 17.4 26.0

