

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
 Data File : BF137823.D
 Acq On : 02 May 2024 19:24
 Operator : CG\JU
 Sample : P2331-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-1

Quant Time: May 03 02:24:08 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	146571	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	573964	20.000	ng	0.00
39) Acenaphthene-d10	10.098	164	321071	20.000	ng	-0.01
64) Phenanthrene-d10	11.598	188	498188	20.000	ng	# 0.00
76) Chrysene-d12	14.245	240	265233	20.000	ng	# 0.00
86) Perylene-d12	15.815	264	295689	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	958215	109.457	ng	0.00
7) Phenol-d6	6.663	99	807170	72.693	ng	-0.01
23) Nitrobenzene-d5	7.616	82	569928	57.690	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	196070	59.810	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	1261192	63.728	ng	0.00
79) Terphenyl-d14	13.180	244	1091242	68.950	ng	0.00

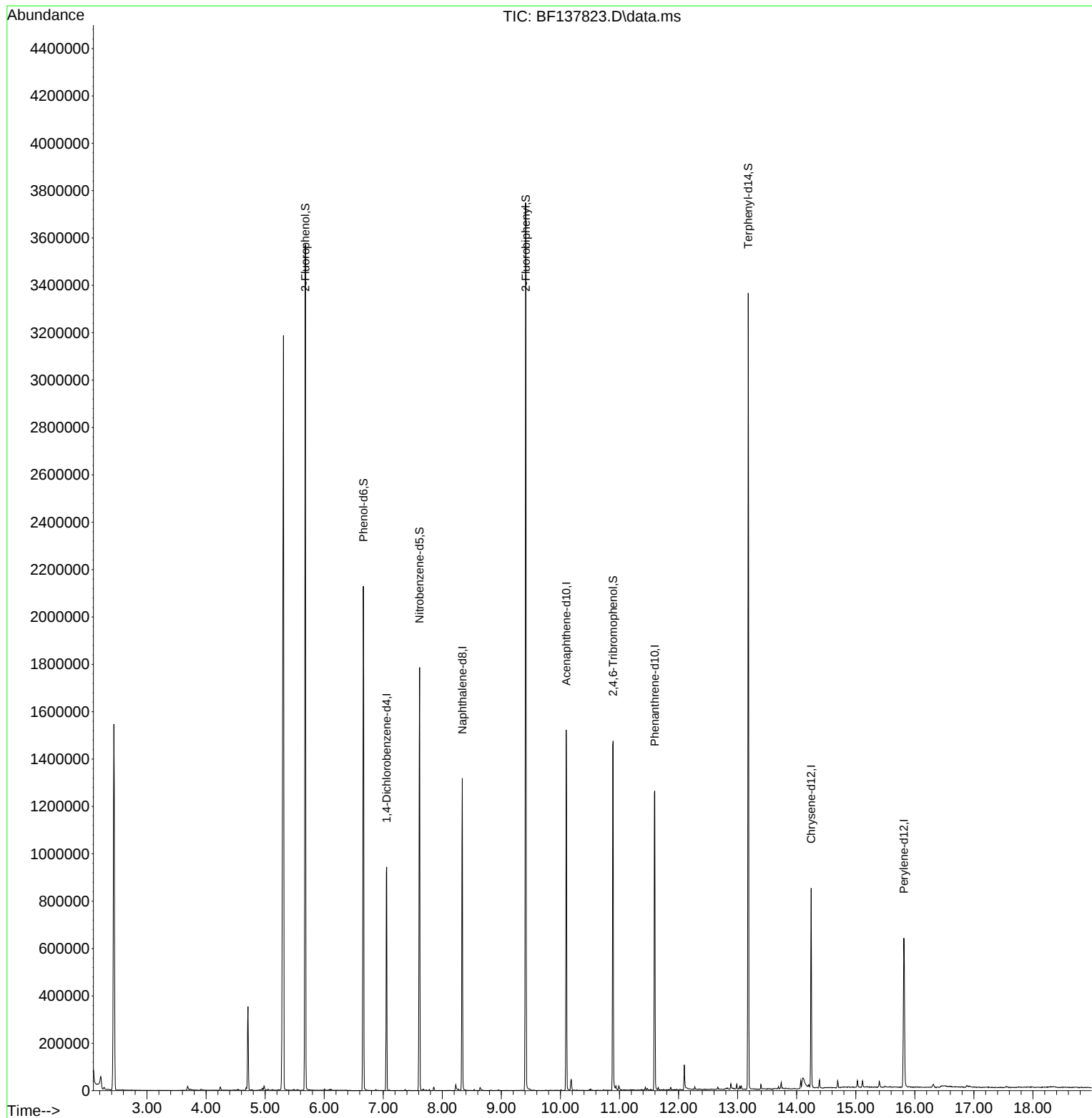
Target Compounds Qvalue

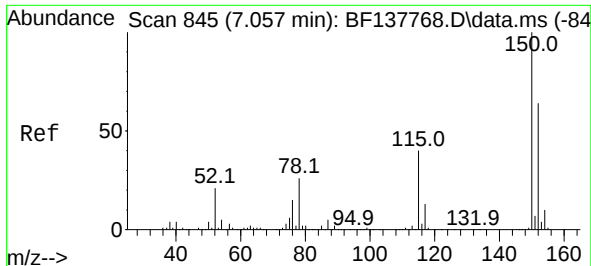
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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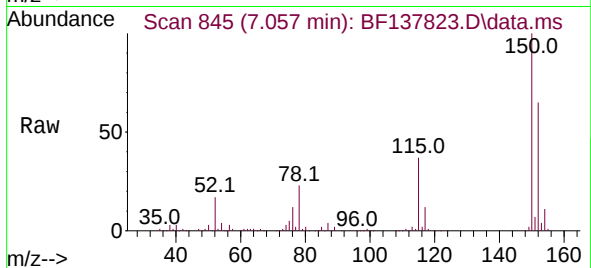
Quant Time: May 03 02:24:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration



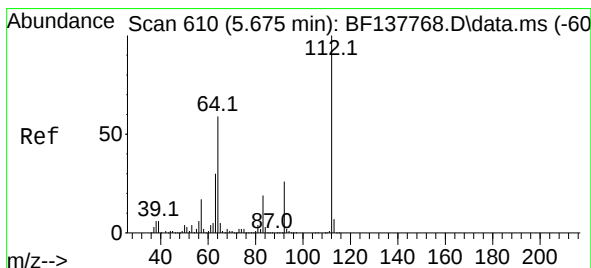
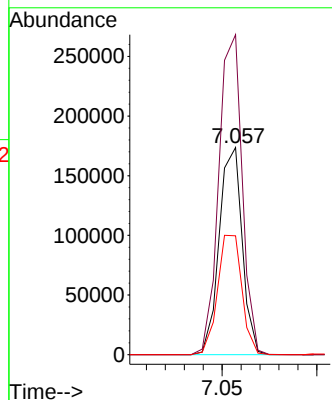
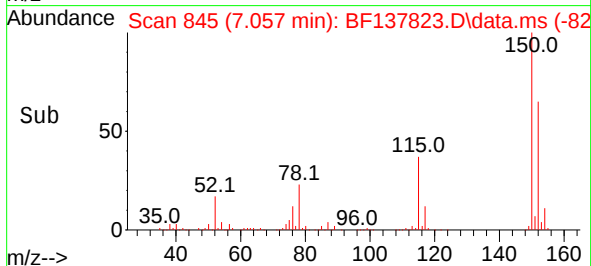


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137823.D
Acq: 02 May 2024 19:24

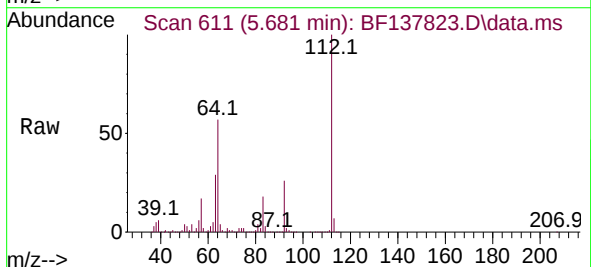
Instrument :
BNA_F
ClientSampleId :
CONC-1



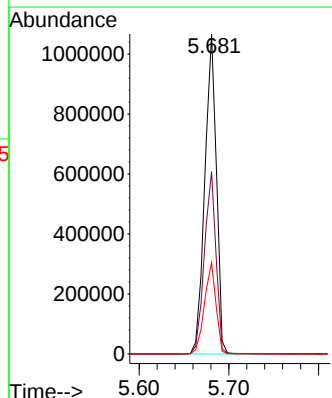
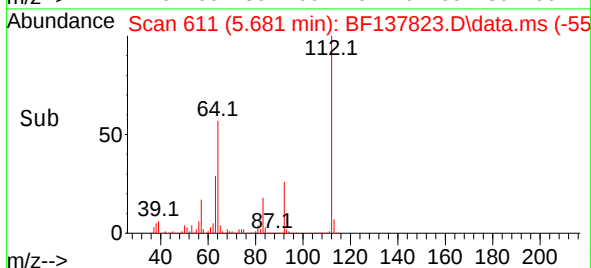
Tgt Ion:152 Resp: 146571
Ion Ratio Lower Upper
152 100
150 154.4 124.1 186.1
115 57.4 49.1 73.7

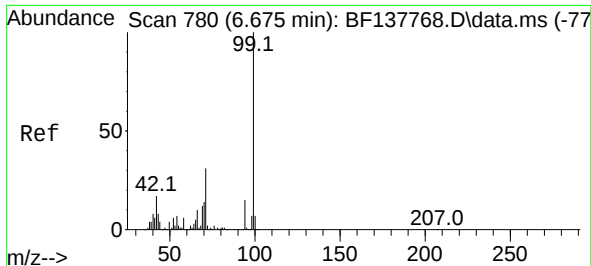


#5
2-Fluorophenol
Concen: 109.457 ng
RT: 5.681 min Scan# 611
Delta R.T. 0.006 min
Lab File: BF137823.D
Acq: 02 May 2024 19:24



Tgt Ion:112 Resp: 958215
Ion Ratio Lower Upper
112 100
64 57.0 47.3 70.9
63 28.5 23.7 35.5

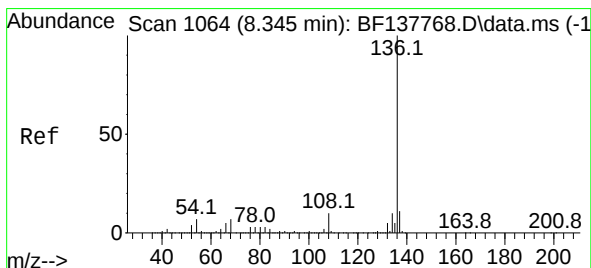
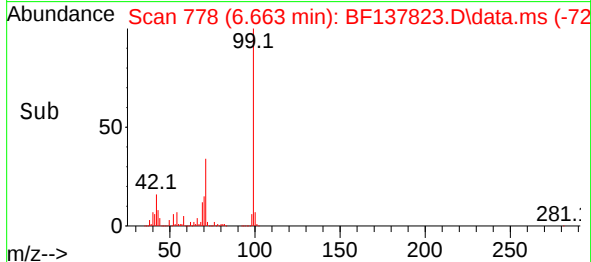
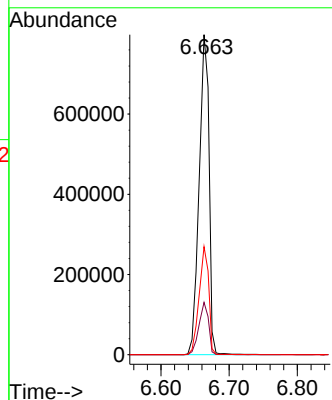
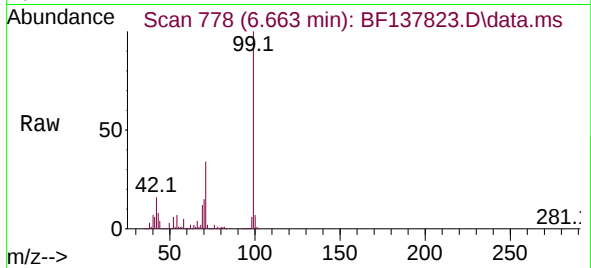




#7
Phenol-d6
Concen: 72.693 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137823.D
Acq: 02 May 2024 19:24

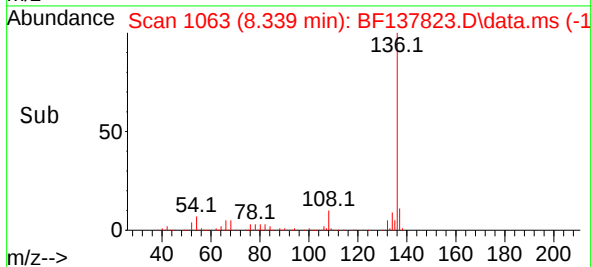
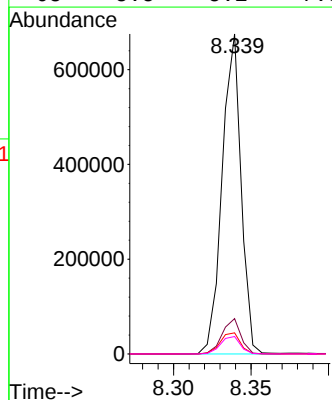
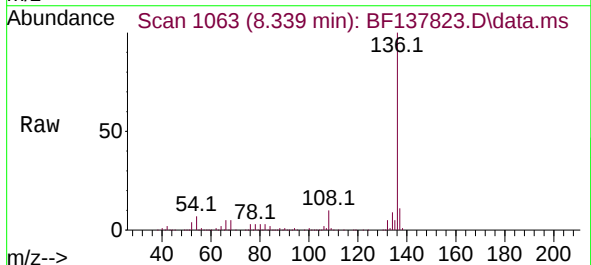
Instrument :
BNA_F
ClientSampleId :
CONC-1

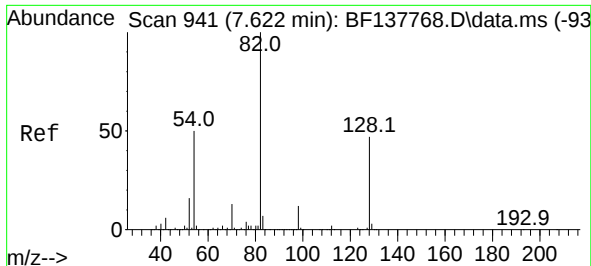
Tgt Ion: 99 Resp: 807170
Ion Ratio Lower Upper
99 100
42 16.3 13.2 19.8
71 33.8 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137823.D
Acq: 02 May 2024 19:24

Tgt Ion: 136 Resp: 573964
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.6 5.8 8.8
68 5.5 5.2 7.8





#23

Nitrobenzene-d5

Concen: 57.690 ng

RT: 7.616 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF137823.D

Acq: 02 May 2024 19:24

Instrument :

BNA_F

ClientSampleId :

CONC-1

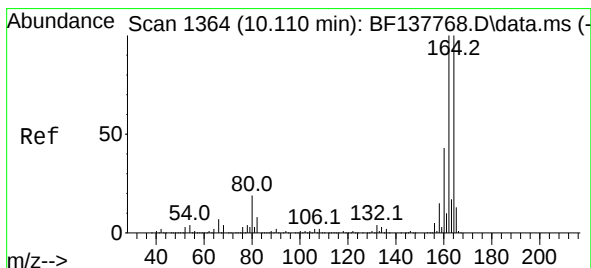
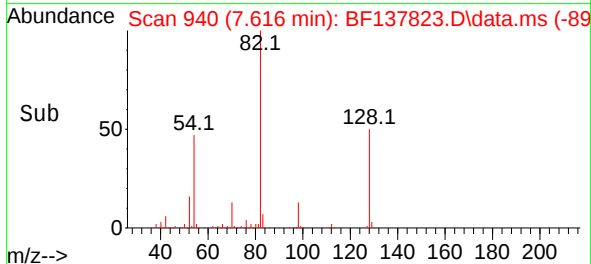
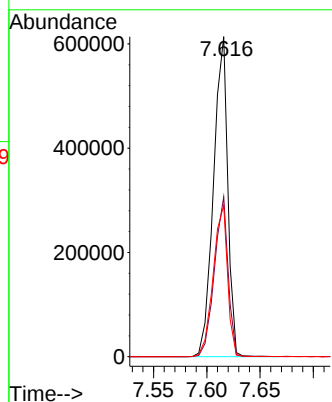
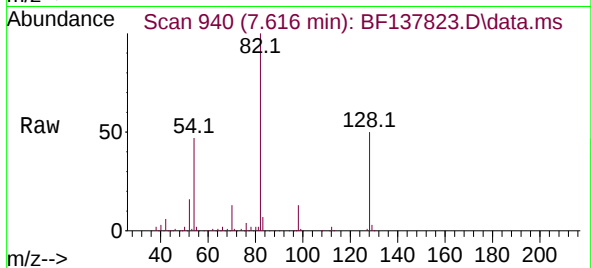
Tgt Ion: 82 Resp: 569928

Ion Ratio Lower Upper

82 100

128 50.0 37.5 56.3

54 47.3 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: BF137823.D

Acq: 02 May 2024 19:24

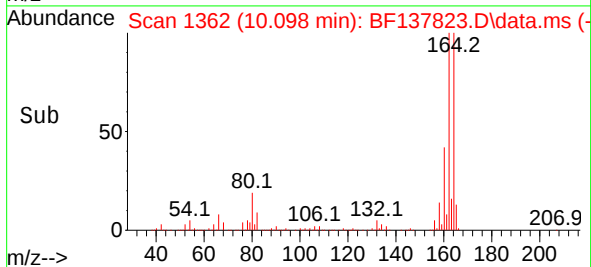
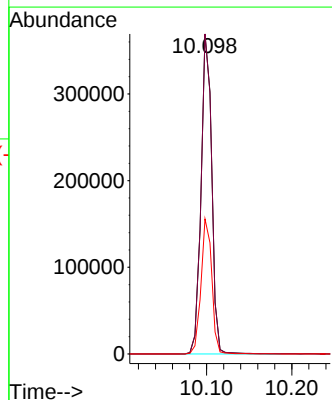
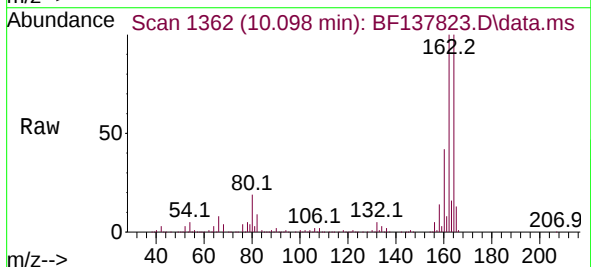
Tgt Ion: 164 Resp: 321071

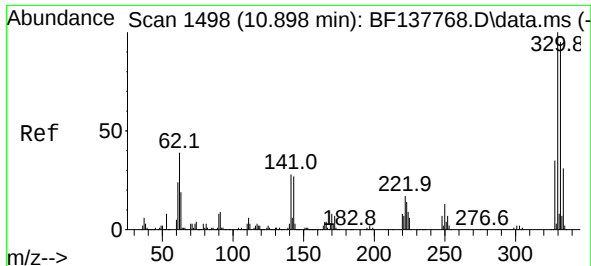
Ion Ratio Lower Upper

164 100

162 100.0 79.8 119.6

160 42.2 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 59.810 ng

RT: 10.892 min Scan# 1498

Delta R.T. -0.006 min

Lab File: BF137823.D

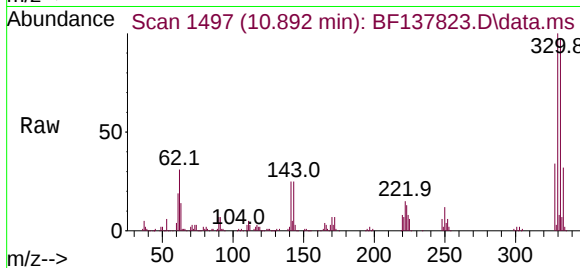
Acq: 02 May 2024 19:24

Instrument :

BNA_F

ClientSampleId :

CONC-1



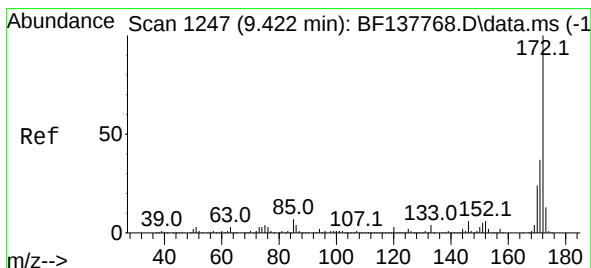
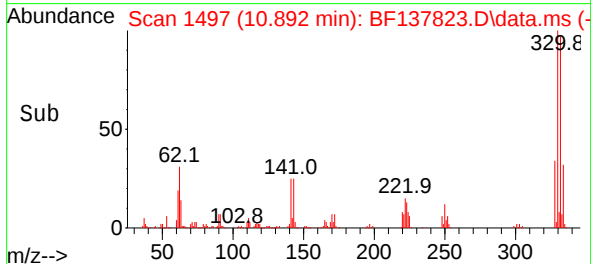
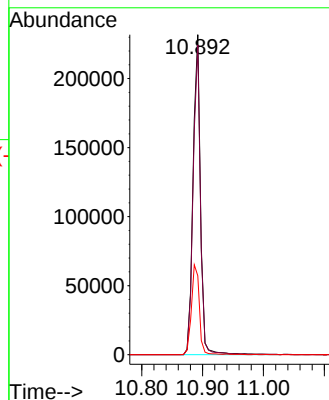
Tgt Ion:330 Resp: 196070

Ion Ratio Lower Upper

330 100

332 95.7 77.3 115.9

141 29.8 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 63.728 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF137823.D

Acq: 02 May 2024 19:24

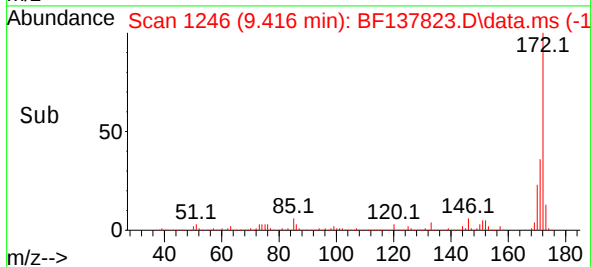
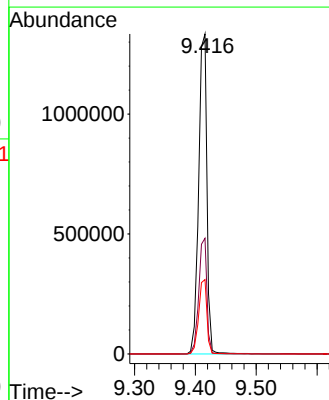
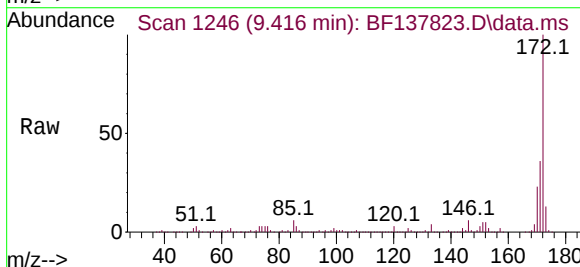
Tgt Ion:172 Resp: 1261192

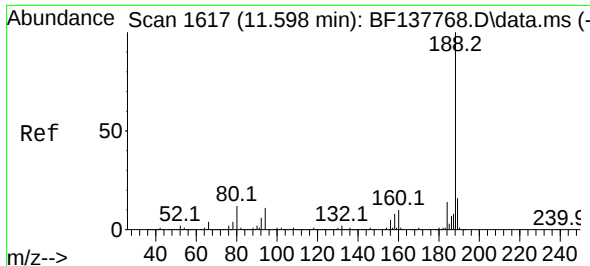
Ion Ratio Lower Upper

172 100

171 36.1 29.6 44.4

170 23.2 19.4 29.2

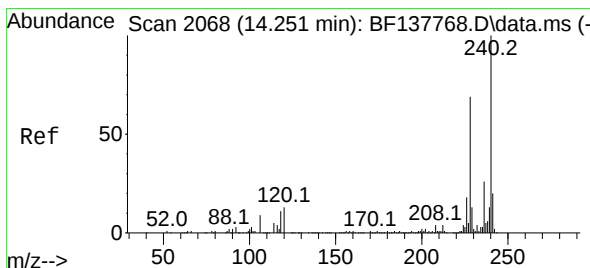
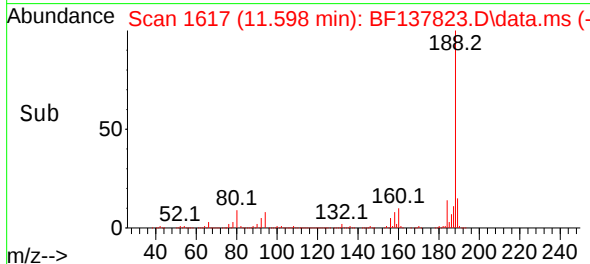
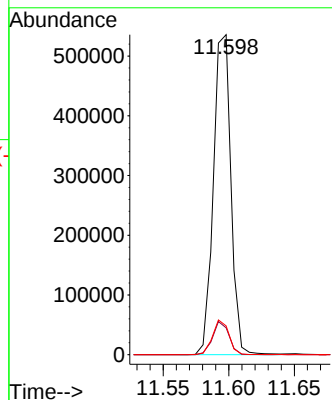
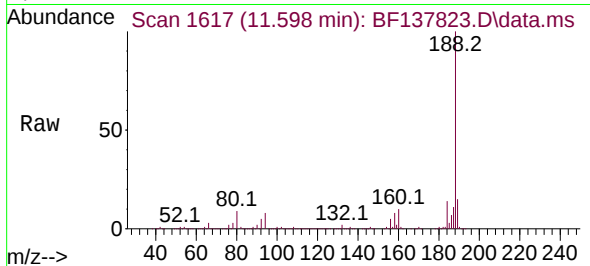




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.598 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF137823.D
Acq: 02 May 2024 19:24

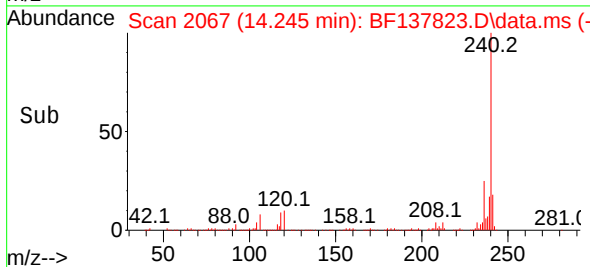
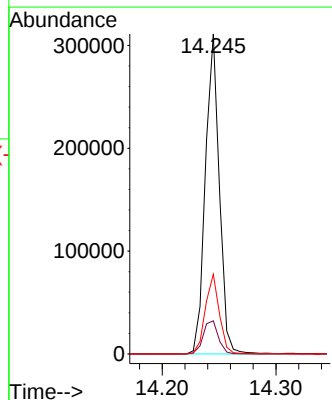
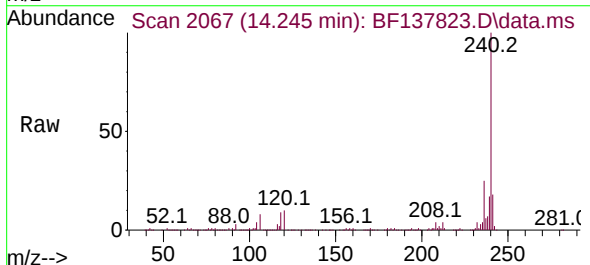
Instrument :
BNA_F
ClientSampleId :
CONC-1

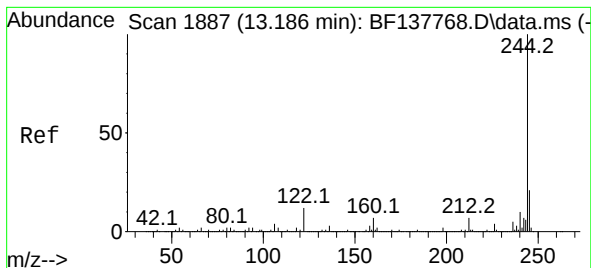
Tgt Ion:188 Resp: 498188
Ion Ratio Lower Upper
188 100
94 8.4 8.8 13.2#
80 9.0 9.6 14.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.245 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BF137823.D
Acq: 02 May 2024 19:24

Tgt Ion:240 Resp: 265233
Ion Ratio Lower Upper
240 100
120 10.4 10.4 15.6#
236 24.9 20.4 30.6





#79

Terphenyl-d14

Concen: 68.950 ng

RT: 13.180 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137823.D

Acq: 02 May 2024 19:24

Instrument :

BNA_F

ClientSampleId :

CONC-1

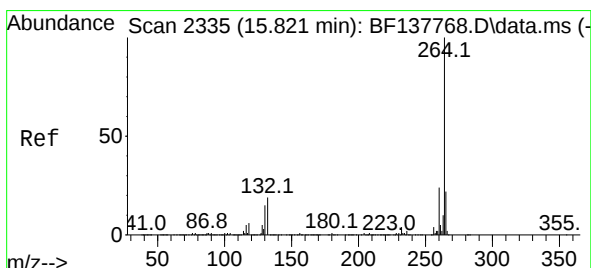
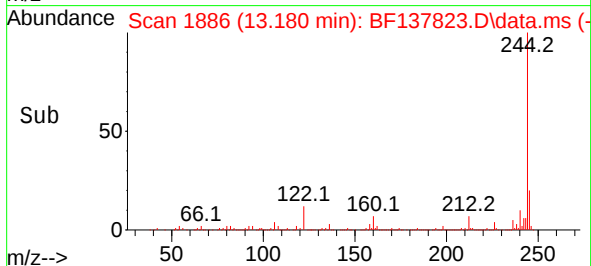
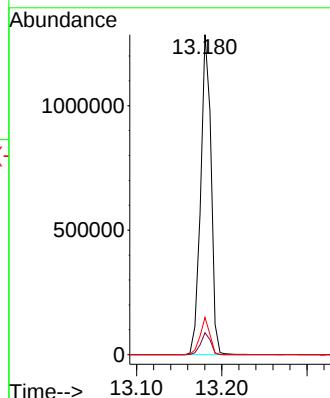
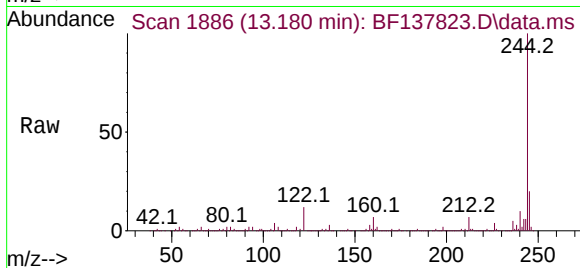
Tgt Ion:244 Resp: 1091242

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 11.7 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: BF137823.D

Acq: 02 May 2024 19:24

Tgt Ion:264 Resp: 295689

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 21.7 17.4 26.0

