

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
 Data File : BF137931.D
 Acq On : 17 May 2024 14:51
 Operator : CG\JU
 Sample : P2482-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-02-229

Quant Time: May 17 15:31:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.040	152	121343	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	475009	20.000	ng	0.00
39) Acenaphthene-d10	10.081	164	272303	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	490789	20.000	ng	0.00
76) Chrysene-d12	14.221	240	347378	20.000	ng	0.00
86) Perylene-d12	15.786	264	274969	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	648311	90.755	ng	0.00
7) Phenol-d6	6.651	99	801942	91.133	ng	0.00
23) Nitrobenzene-d5	7.598	82	476157	58.993	ng	-0.01
42) 2,4,6-Tribromophenol	10.875	330	245156	89.290	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1019009	57.644	ng	0.00
79) Terphenyl-d14	13.163	244	1232215	52.278	ng	0.00

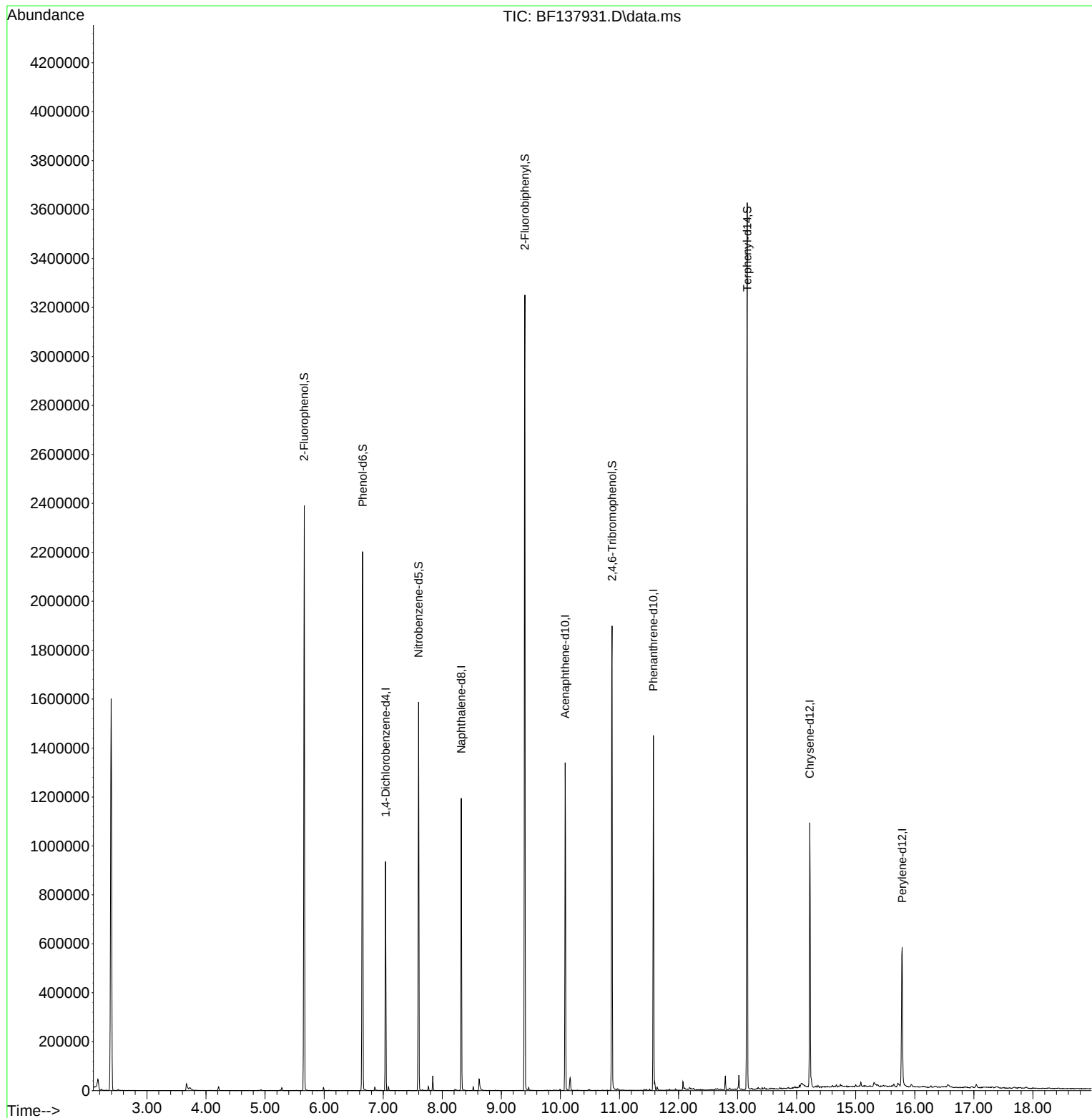
Target Compounds	Qvalue

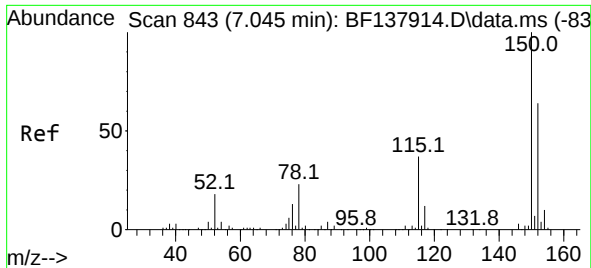
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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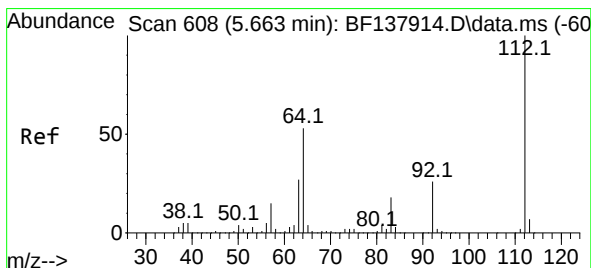
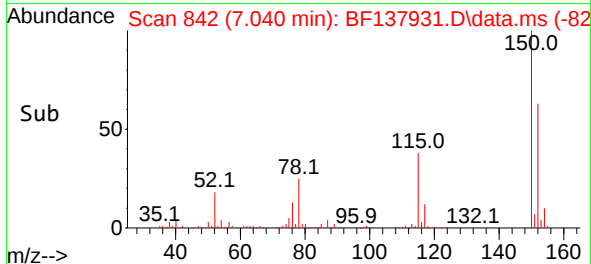
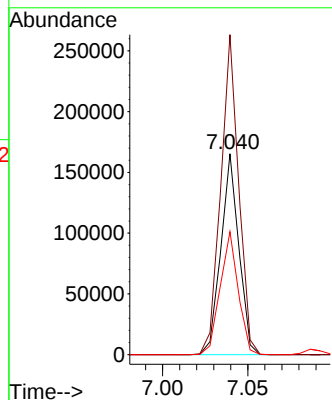
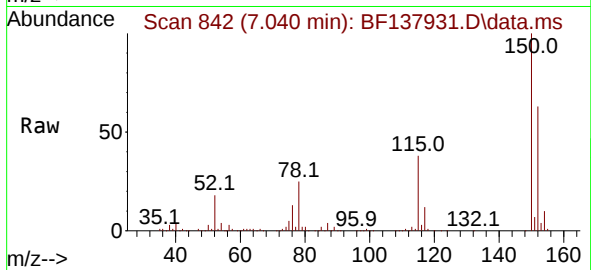




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.040 min Scan# 843
Delta R.T. -0.005 min
Lab File: BF137931.D
Acq: 17 May 2024 14:51

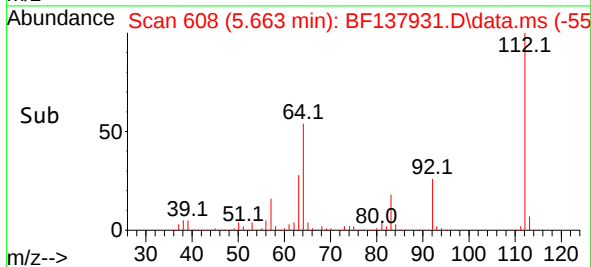
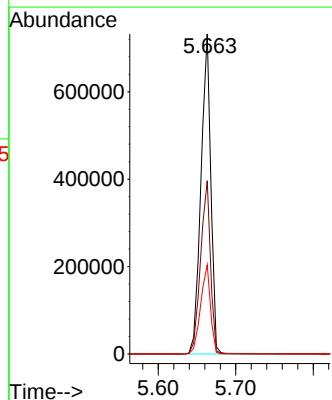
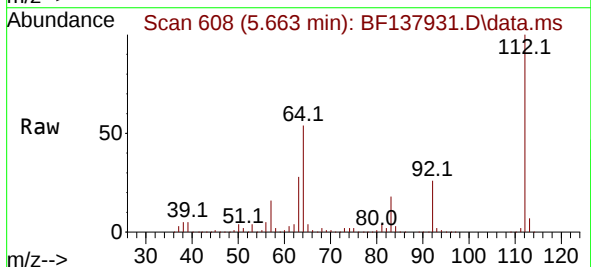
Instrument :
BNA_F
ClientSampleId :
B-02-229

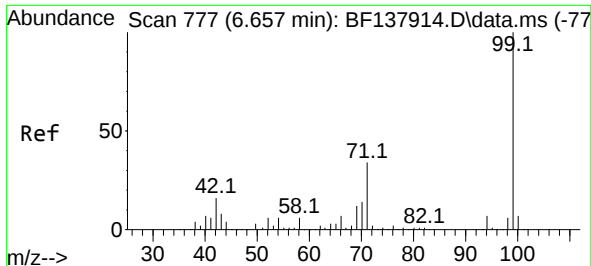
Tgt Ion:152 Resp: 121343
Ion Ratio Lower Upper
152 100
150 159.2 125.7 188.5
115 61.2 47.0 70.6



#5
2-Fluorophenol
Concen: 90.755 ng
RT: 5.663 min Scan# 608
Delta R.T. 0.000 min
Lab File: BF137931.D
Acq: 17 May 2024 14:51

Tgt Ion:112 Resp: 648311
Ion Ratio Lower Upper
112 100
64 54.2 42.4 63.6
63 27.8 21.4 32.2

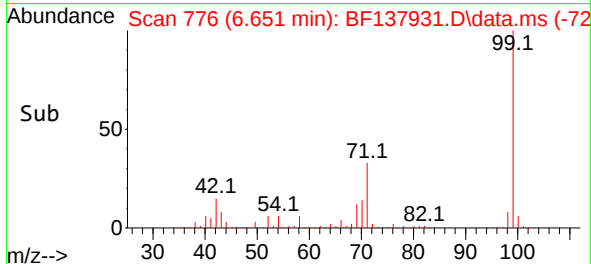
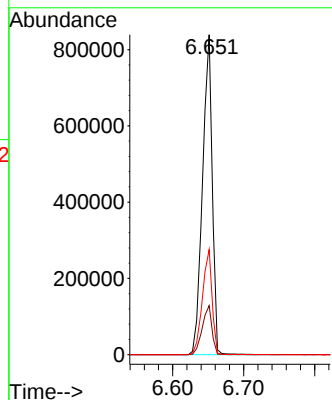
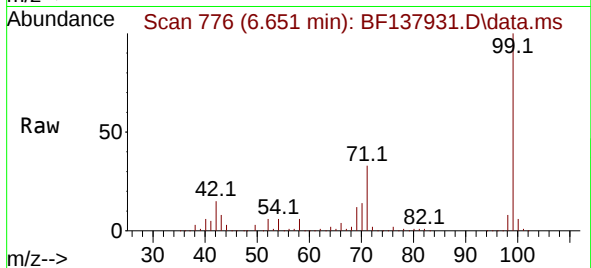




#7
Phenol-d6
Concen: 91.133 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137931.D
Acq: 17 May 2024 14:51

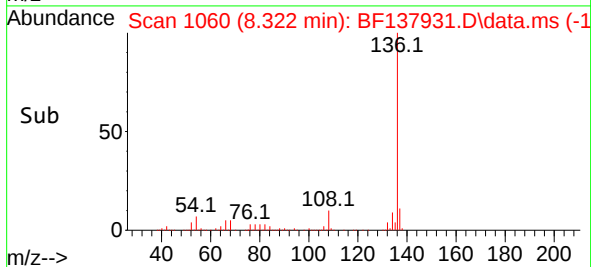
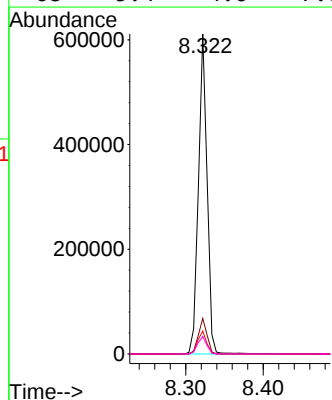
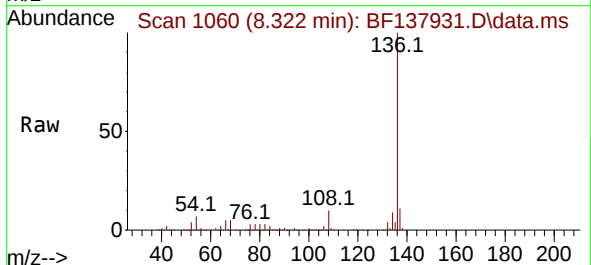
Instrument :
BNA_F
ClientSampleId :
B-02-229

Tgt Ion: 99 Resp: 801942
Ion Ratio Lower Upper
99 100
42 15.3 12.6 18.8
71 32.9 27.1 40.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BF137931.D
Acq: 17 May 2024 14:51

Tgt Ion: 136 Resp: 475009
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.2 5.4 8.2
68 5.4 4.6 7.0

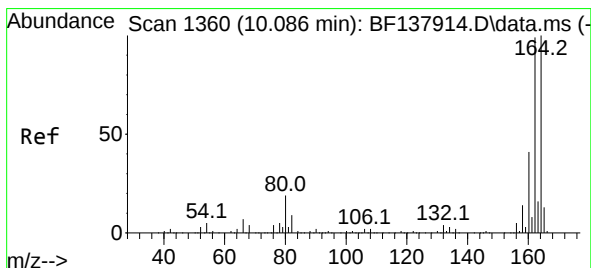
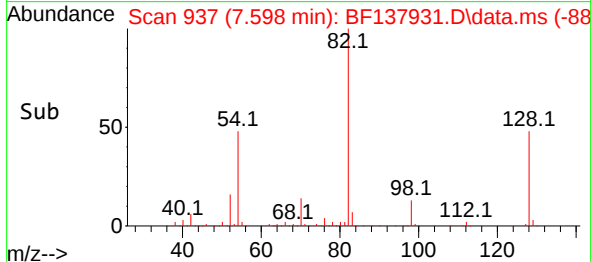
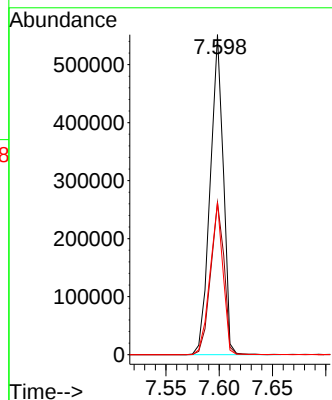
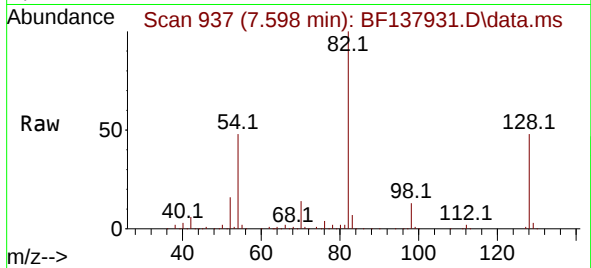




#23
Nitrobenzene-d5
Concen: 58.993 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF137931.D
Acq: 17 May 2024 14:51

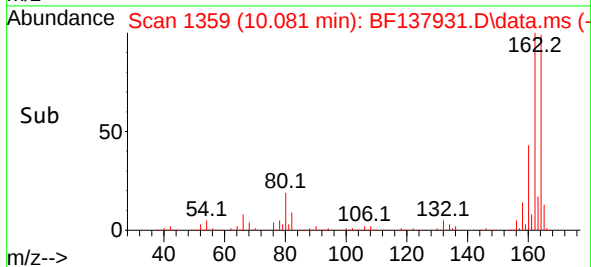
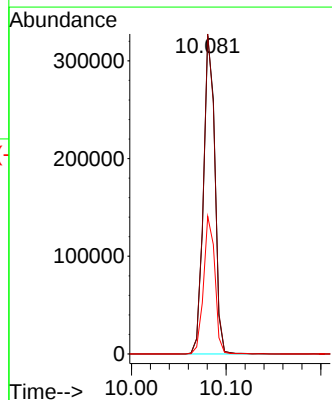
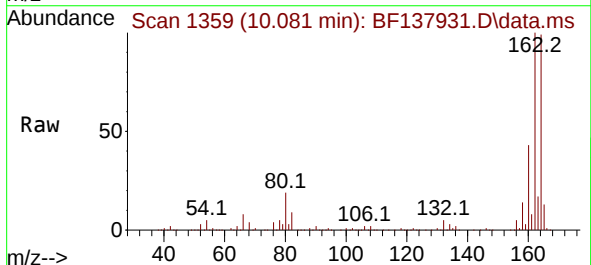
Instrument :
BNA_F
ClientSampleId :
B-02-229

Tgt Ion: 82 Resp: 476157
Ion Ratio Lower Upper
82 100
128 47.6 40.3 60.5
54 47.5 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.005 min
Lab File: BF137931.D
Acq: 17 May 2024 14:51

Tgt Ion: 164 Resp: 272303
Ion Ratio Lower Upper
164 100
162 100.7 79.4 119.2
160 43.3 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 89.290 ng

RT: 10.875 min Scan# 1495

Delta R.T. -0.006 min

Lab File: BF137931.D

Acq: 17 May 2024 14:51

Instrument :

BNA_F

ClientSampleId :

B-02-229

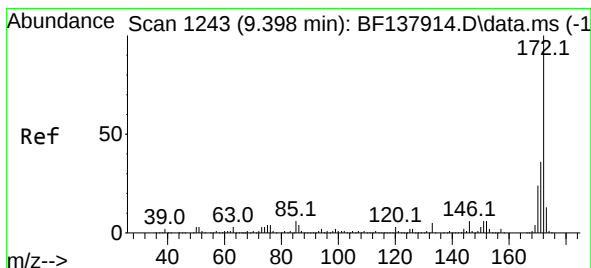
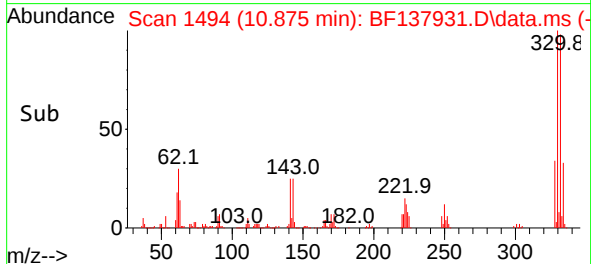
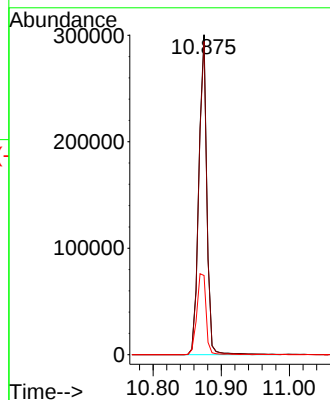
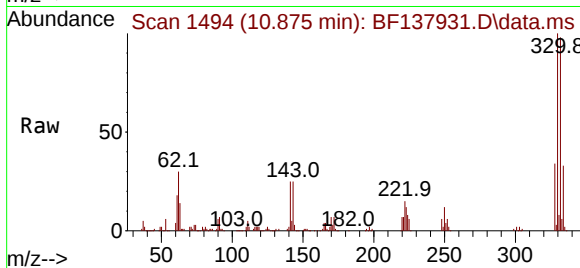
Tgt Ion:330 Resp: 245156

Ion Ratio Lower Upper

330 100

332 98.1 75.8 113.8

141 29.3 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 57.644 ng

RT: 9.398 min Scan# 1243

Delta R.T. 0.000 min

Lab File: BF137931.D

Acq: 17 May 2024 14:51

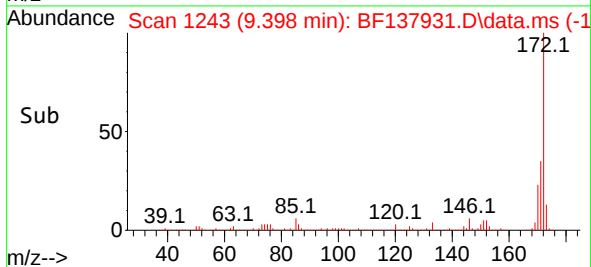
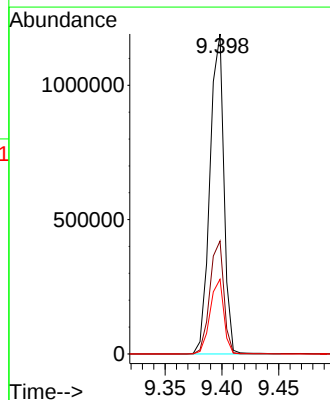
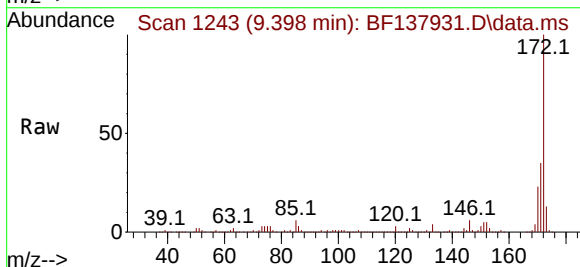
Tgt Ion:172 Resp: 1019009

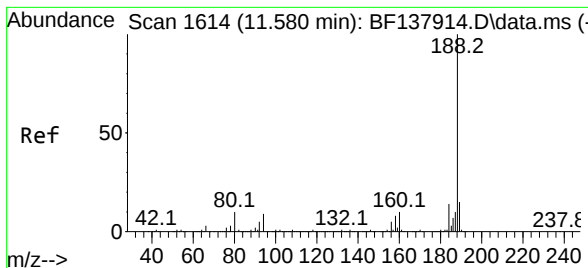
Ion Ratio Lower Upper

172 100

171 35.3 28.9 43.3

170 23.4 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.575 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137931.D

Acq: 17 May 2024 14:51

Instrument :

BNA_F

ClientSampleId :

B-02-229

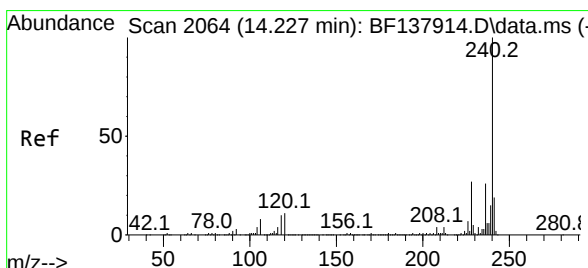
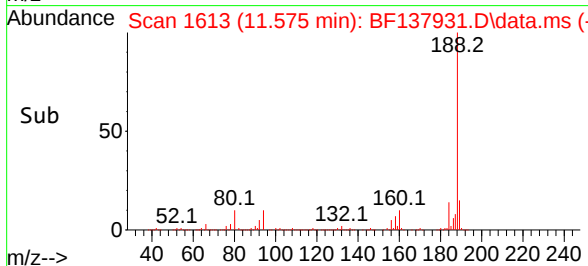
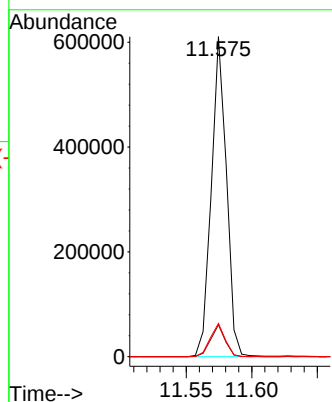
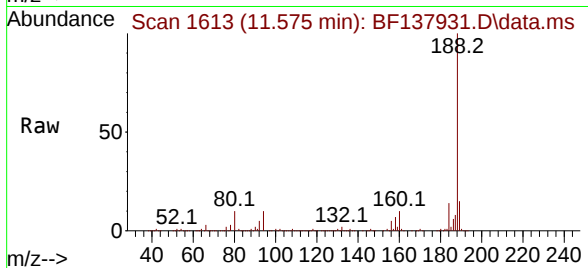
Tgt Ion:188 Resp: 490789

Ion Ratio Lower Upper

188 100

94 9.9 7.0 10.4

80 10.4 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.221 min Scan# 2063

Delta R.T. -0.006 min

Lab File: BF137931.D

Acq: 17 May 2024 14:51

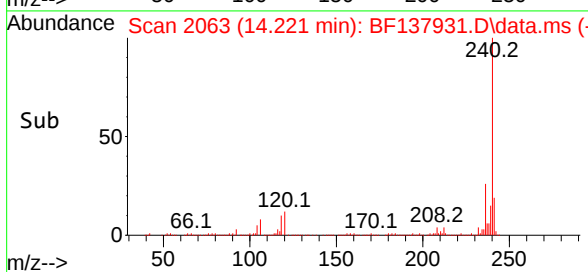
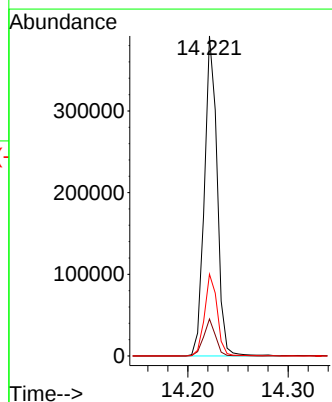
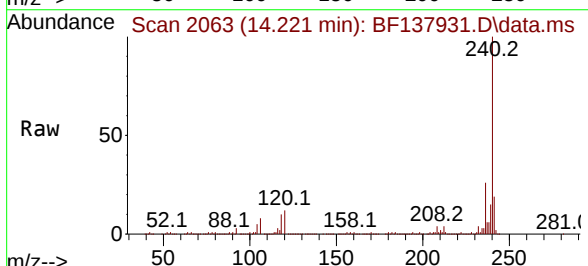
Tgt Ion:240 Resp: 347378

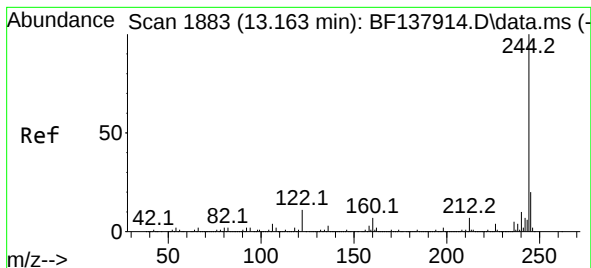
Ion Ratio Lower Upper

240 100

120 11.6 8.9 13.3

236 25.6 21.0 31.4





#79

Terphenyl-d14

Concen: 52.278 ng

RT: 13.163 min Scan# 1883

Delta R.T. 0.000 min

Lab File: BF137931.D

Acq: 17 May 2024 14:51

Instrument :

BNA_F

ClientSampleId :

B-02-229

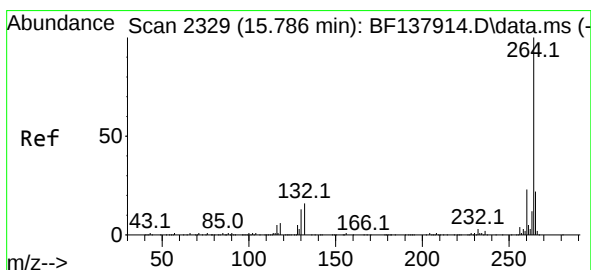
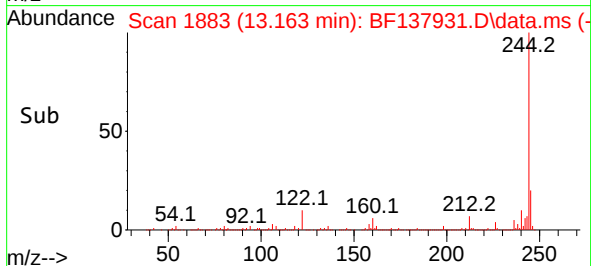
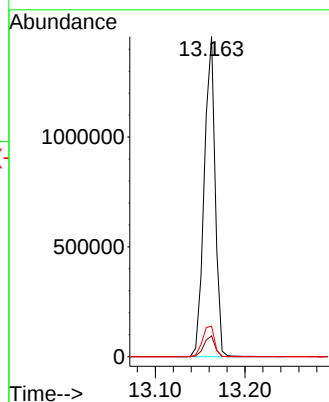
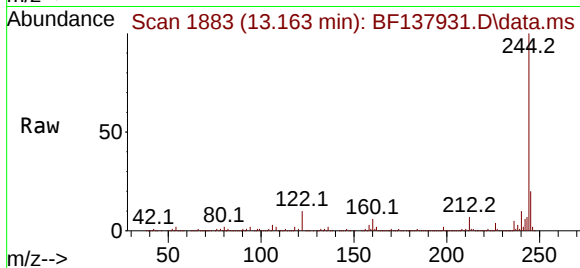
Tgt Ion:244 Resp: 1232215

Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

122 9.6 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.786 min Scan# 2329

Delta R.T. 0.000 min

Lab File: BF137931.D

Acq: 17 May 2024 14:51

Tgt Ion:264 Resp: 274969

Ion Ratio Lower Upper

264 100

260 23.8 18.3 27.5

265 21.6 17.6 26.4

