

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
 Data File : BF137943.D
 Acq On : 17 May 2024 20:44
 Operator : CG\JU
 Sample : P2513-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-13

Quant Time: May 17 22:55:36 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	118663	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	456314	20.000	ng	0.00
39) Acenaphthene-d10	10.080	164	265760	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	479219	20.000	ng	0.00
76) Chrysene-d12	14.221	240	287506	20.000	ng	0.00
86) Perylene-d12	15.786	264	317794	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	818987	117.237	ng	0.00
7) Phenol-d6	6.657	99	925521	107.552	ng	0.00
23) Nitrobenzene-d5	7.604	82	668095	86.164	ng	0.00
42) 2,4,6-Tribromophenol	10.875	330	379647	141.678	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1429137	82.835	ng	0.00
79) Terphenyl-d14	13.163	244	1639044	84.020	ng	0.00

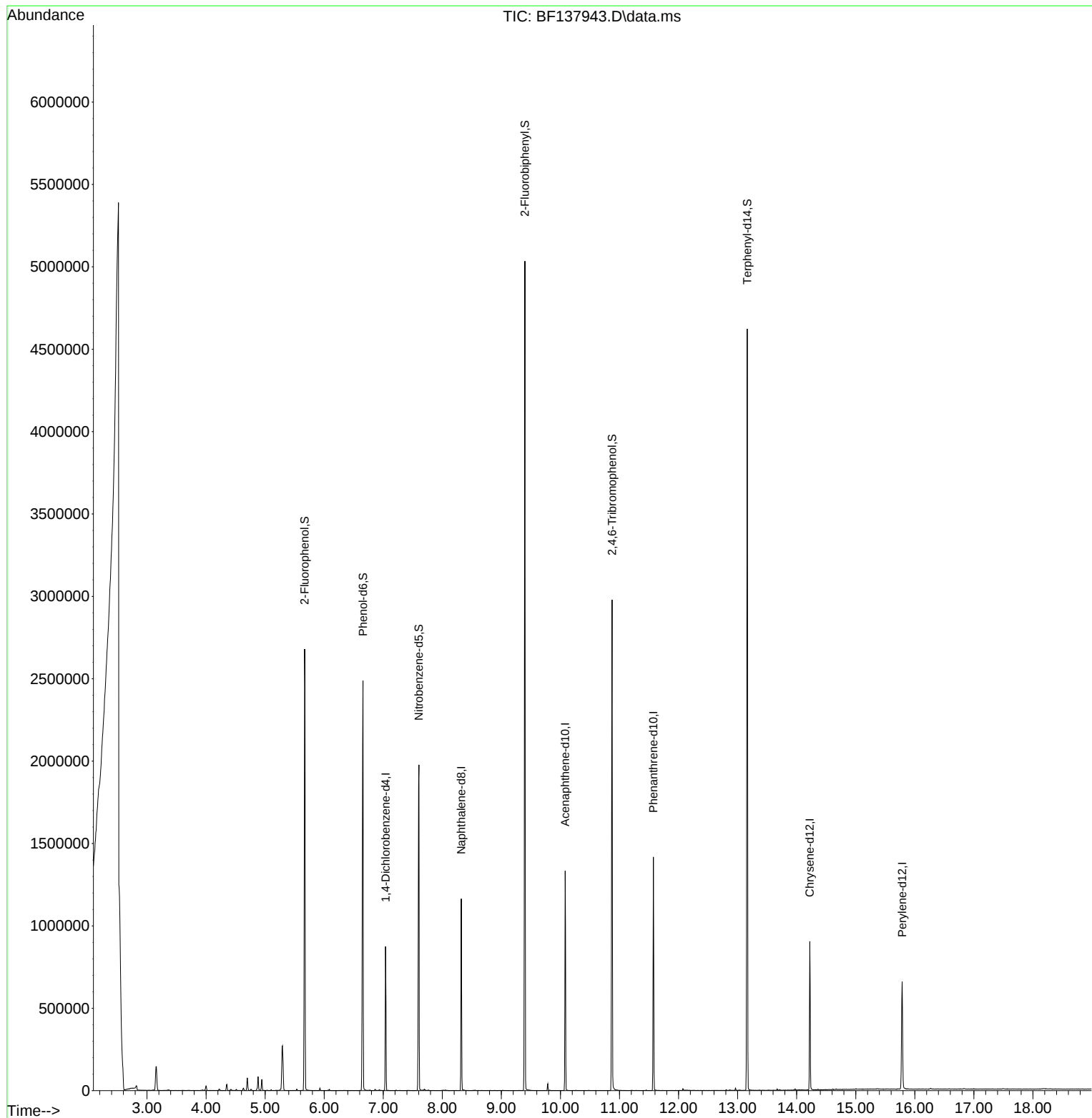
Target Compounds	Qvalue

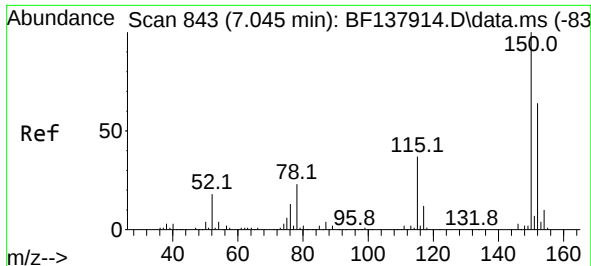
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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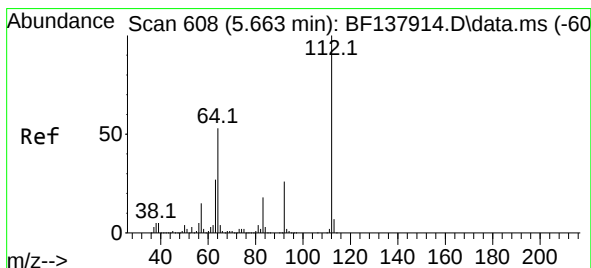
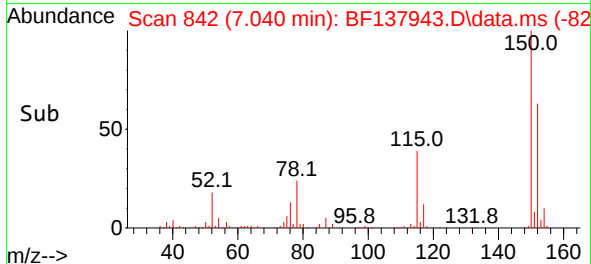
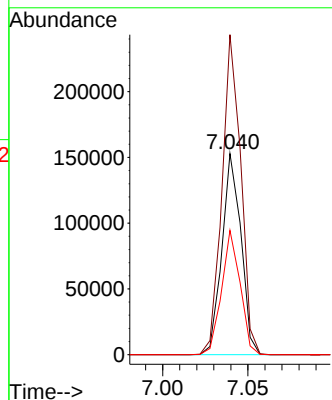
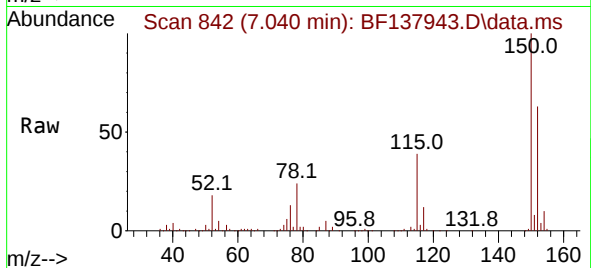




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.040 min Scan# 84
Delta R.T. -0.005 min
Lab File: BF137943.D
Acq: 17 May 2024 20:44

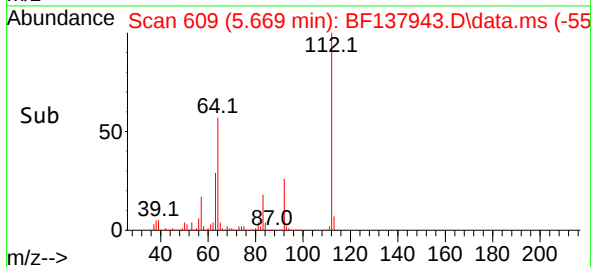
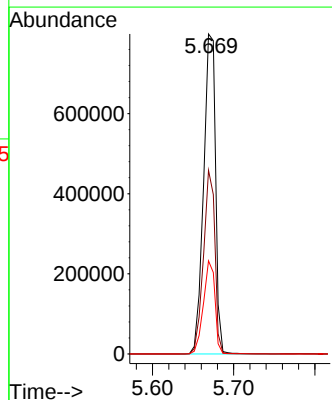
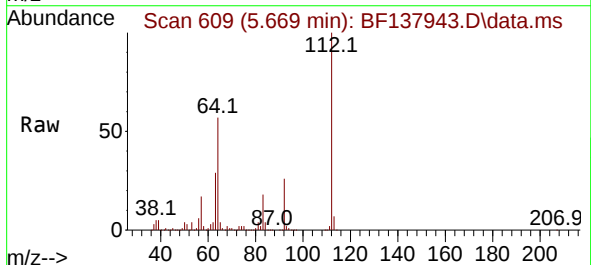
Instrument :
BNA_F
ClientSampleId :
TP-13

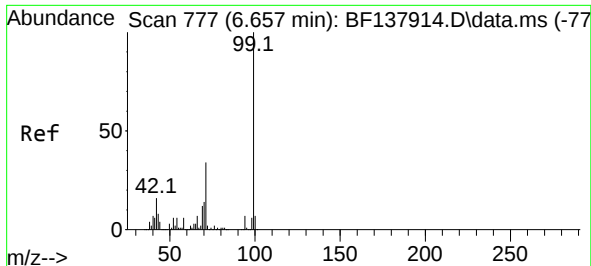
Tgt Ion:152 Resp: 118663
Ion Ratio Lower Upper
152 100
150 159.1 125.7 188.5
115 61.8 47.0 70.6



#5
2-Fluorophenol
Concen: 117.237 ng
RT: 5.669 min Scan# 609
Delta R.T. 0.006 min
Lab File: BF137943.D
Acq: 17 May 2024 20:44

Tgt Ion:112 Resp: 818987
Ion Ratio Lower Upper
112 100
64 57.4 42.4 63.6
63 29.1 21.4 32.2

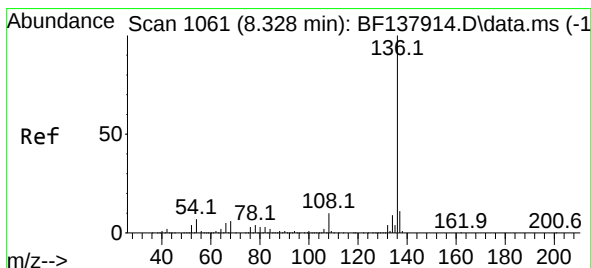
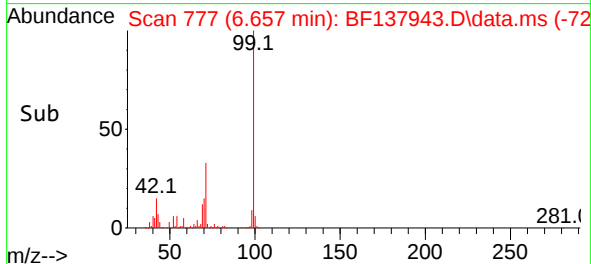
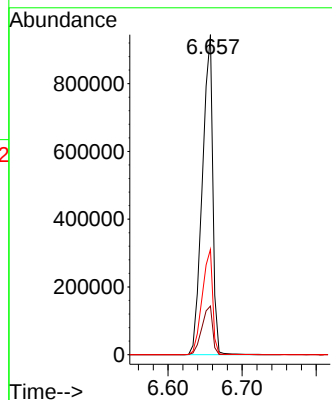
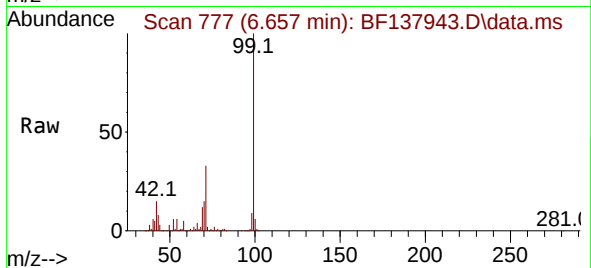




#7
Phenol-d6
Concen: 107.552 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137943.D
Acq: 17 May 2024 20:44

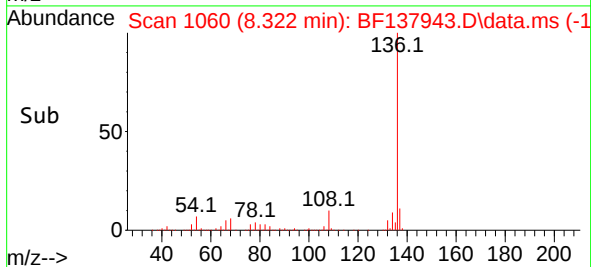
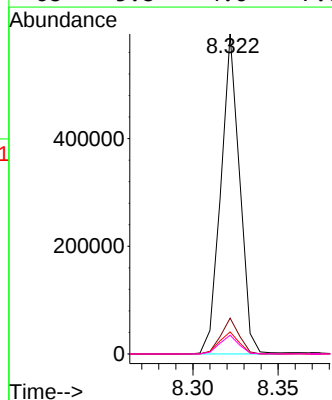
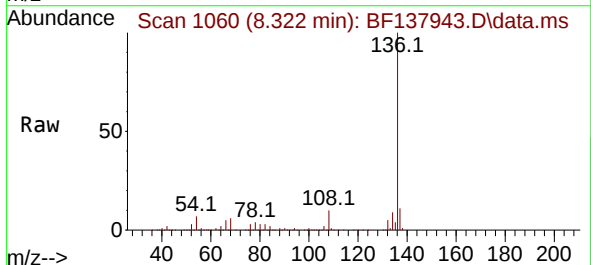
Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion: 99 Resp: 925521
Ion Ratio Lower Upper
99 100
42 15.2 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: BF137943.D
Acq: 17 May 2024 20:44

Tgt Ion: 136 Resp: 456314
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 6.9 5.4 8.2
68 5.8 4.6 7.0





#23

Nitrobenzene-d5

Concen: 86.164 ng

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF137943.D

Acq: 17 May 2024 20:44

Instrument :

BNA_F

ClientSampleId :

TP-13

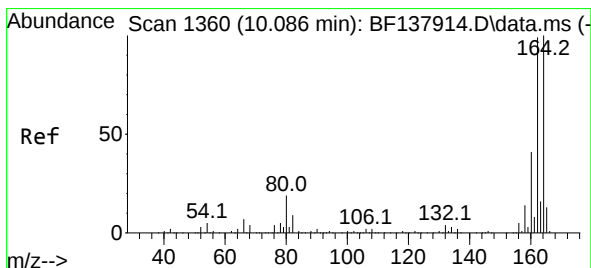
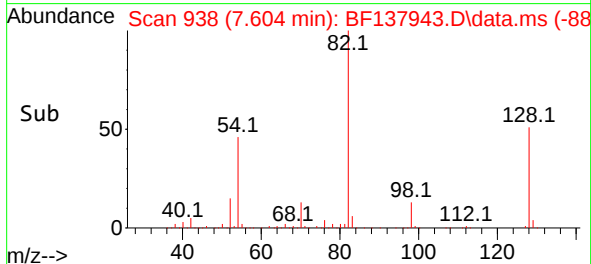
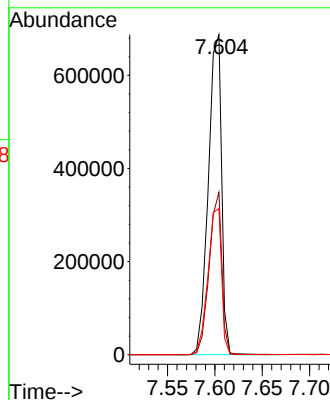
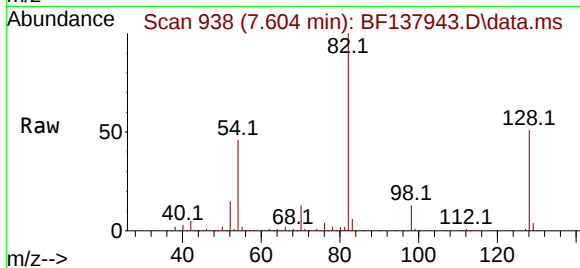
Tgt Ion: 82 Resp: 668095

Ion Ratio Lower Upper

82 100

128 50.7 40.3 60.5

54 45.6 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.080 min Scan# 1359

Delta R.T. -0.006 min

Lab File: BF137943.D

Acq: 17 May 2024 20:44

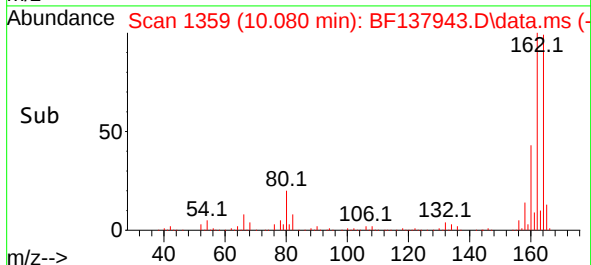
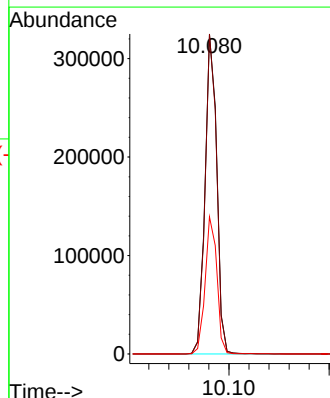
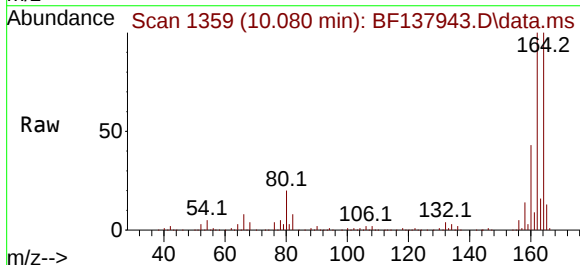
Tgt Ion:164 Resp: 265760

Ion Ratio Lower Upper

164 100

162 100.1 79.4 119.2

160 42.9 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 141.678 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF137943.D

Acq: 17 May 2024 20:44

Instrument :

BNA_F

ClientSampleId :

TP-13

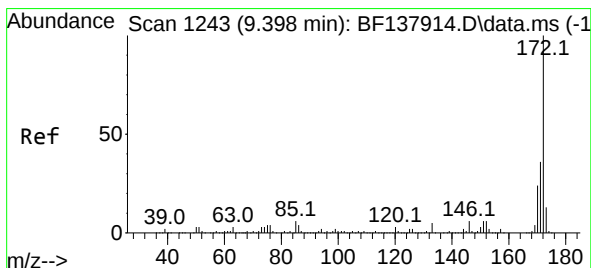
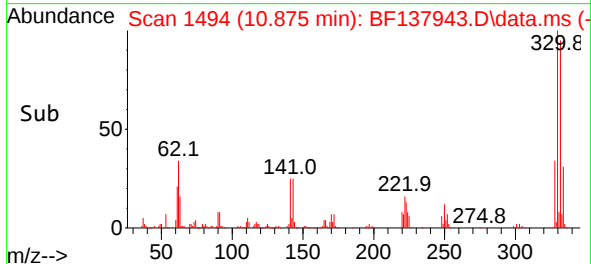
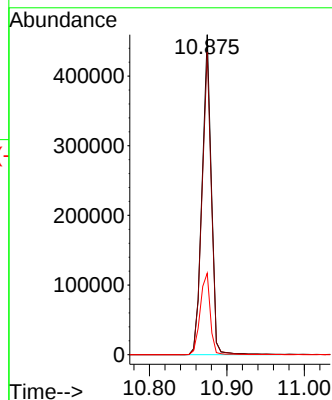
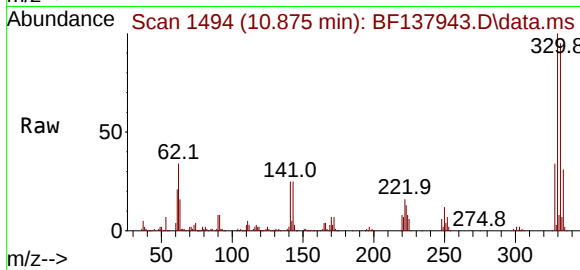
Tgt Ion:330 Resp: 379647

Ion Ratio Lower Upper

330 100

332 95.7 75.8 113.8

141 27.7 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 82.835 ng

RT: 9.398 min Scan# 1243

Delta R.T. 0.000 min

Lab File: BF137943.D

Acq: 17 May 2024 20:44

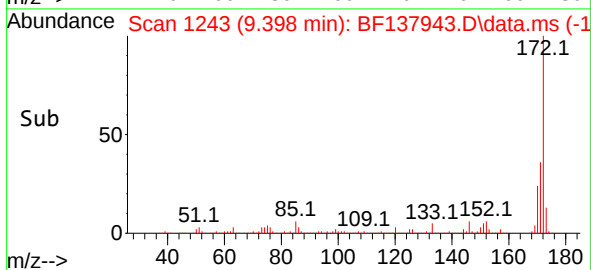
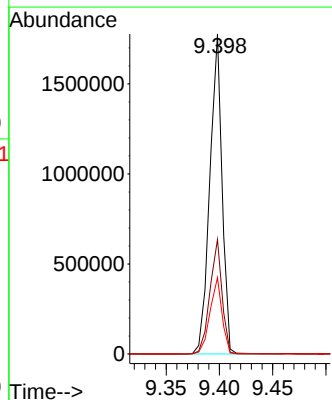
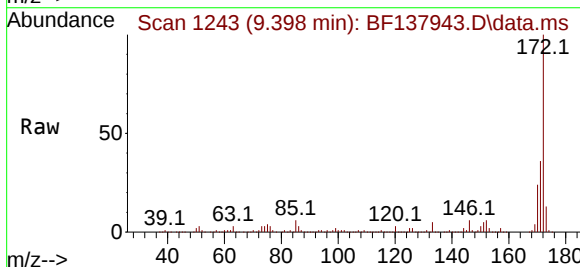
Tgt Ion:172 Resp: 1429137

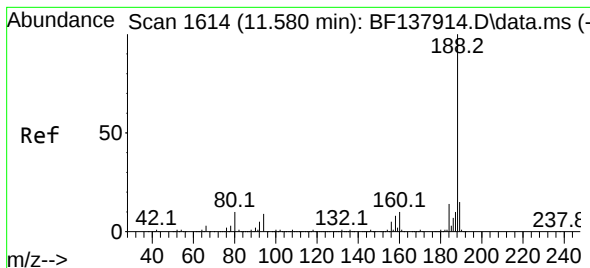
Ion Ratio Lower Upper

172 100

171 35.8 28.9 43.3

170 23.8 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: BF137943.D

Acq: 17 May 2024 20:44

Instrument :

BNA_F

ClientSampleId :

TP-13

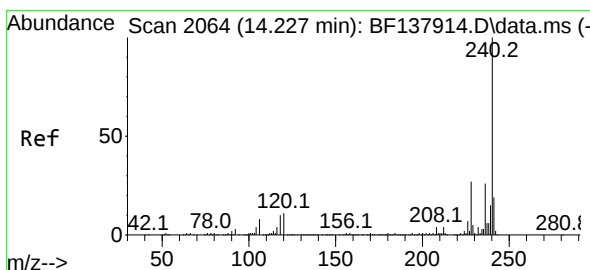
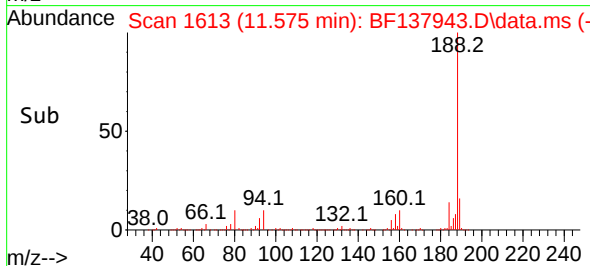
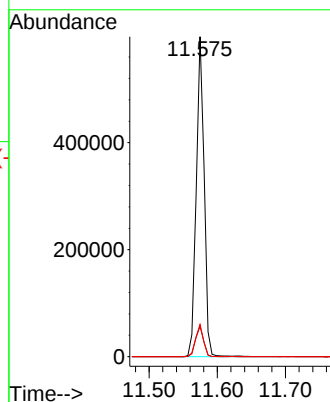
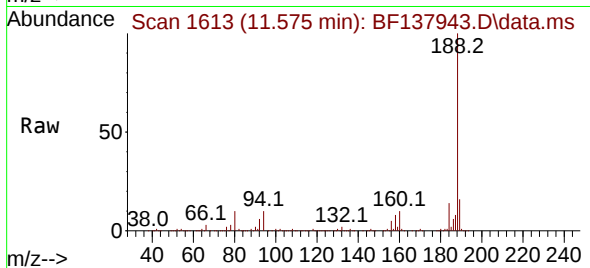
Tgt Ion:188 Resp: 479219

Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.4

80 10.1 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: BF137943.D

Acq: 17 May 2024 20:44

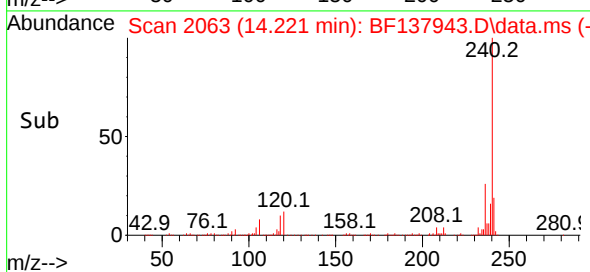
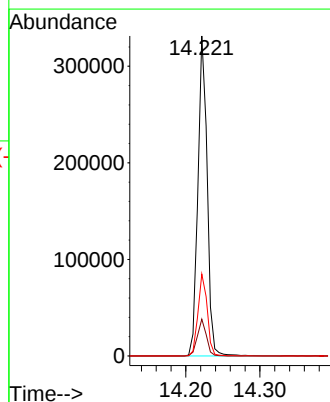
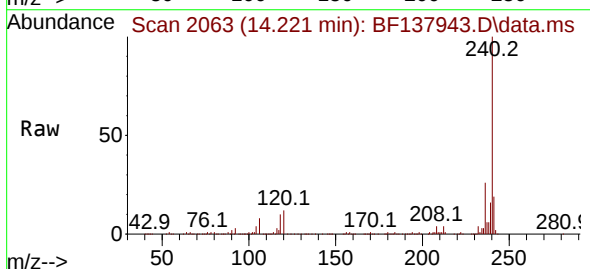
Tgt Ion:240 Resp: 287506

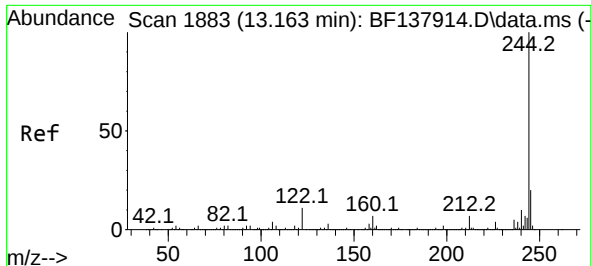
Ion Ratio Lower Upper

240 100

120 11.5 8.9 13.3

236 25.6 21.0 31.4

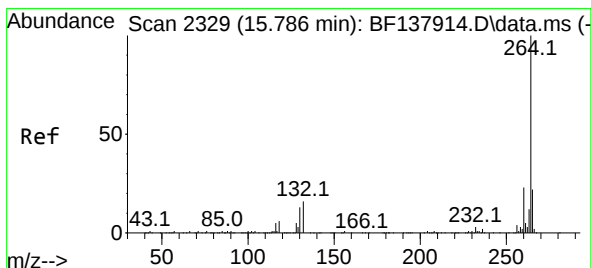
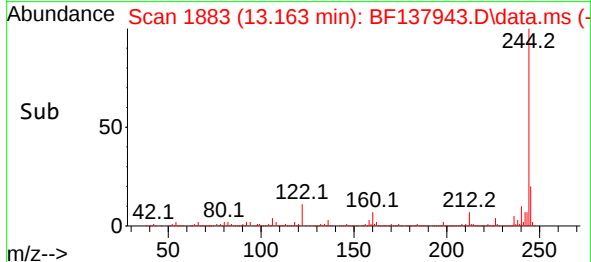
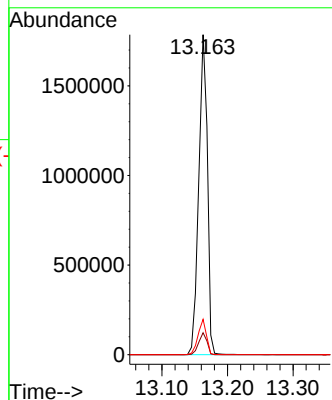
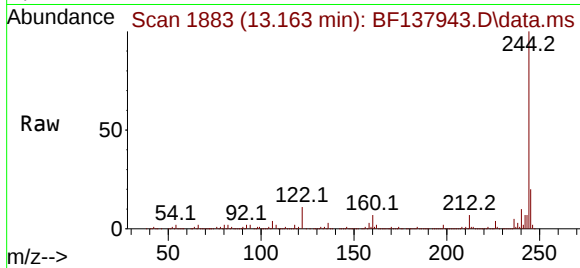




#79
 Terphenyl-d14
 Concen: 84.020 ng
 RT: 13.163 min Scan# 1883
 Delta R.T. 0.000 min
 Lab File: BF137943.D
 Acq: 17 May 2024 20:44

Instrument :
 BNA_F
 ClientSampleId :
 TP-13

Tgt Ion:244 Resp: 1639044
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.1 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: BF137943.D
 Acq: 17 May 2024 20:44

Tgt Ion:264 Resp: 317794
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.3 27.5
 265 21.6 17.6 26.4

