

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
Data File : BF137965.D
Acq On : 20 May 2024 18:07
Operator : CG\JU
Sample : P2513-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-17

Quant Time: May 20 19:07:39 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	7.039	152	146471	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	571309	20.000	ng	0.00
39) Acenaphthene-d10	10.080	164	328598	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	559908	20.000	ng	0.00
76) Chrysene-d12	14.221	240	318698	20.000	ng	0.00
86) Perylene-d12	15.786	264	364825	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	686966	79.668	ng	0.00
7) Phenol-d6	6.651	99	855059	80.499	ng	0.00
23) Nitrobenzene-d5	7.598	82	504273	51.945	ng	-0.01
42) 2,4,6-Tribromophenol	10.874	330	273110	82.430	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1039559	48.732	ng	0.00
79) Terphenyl-d14	13.163	244	974456	45.063	ng	0.00

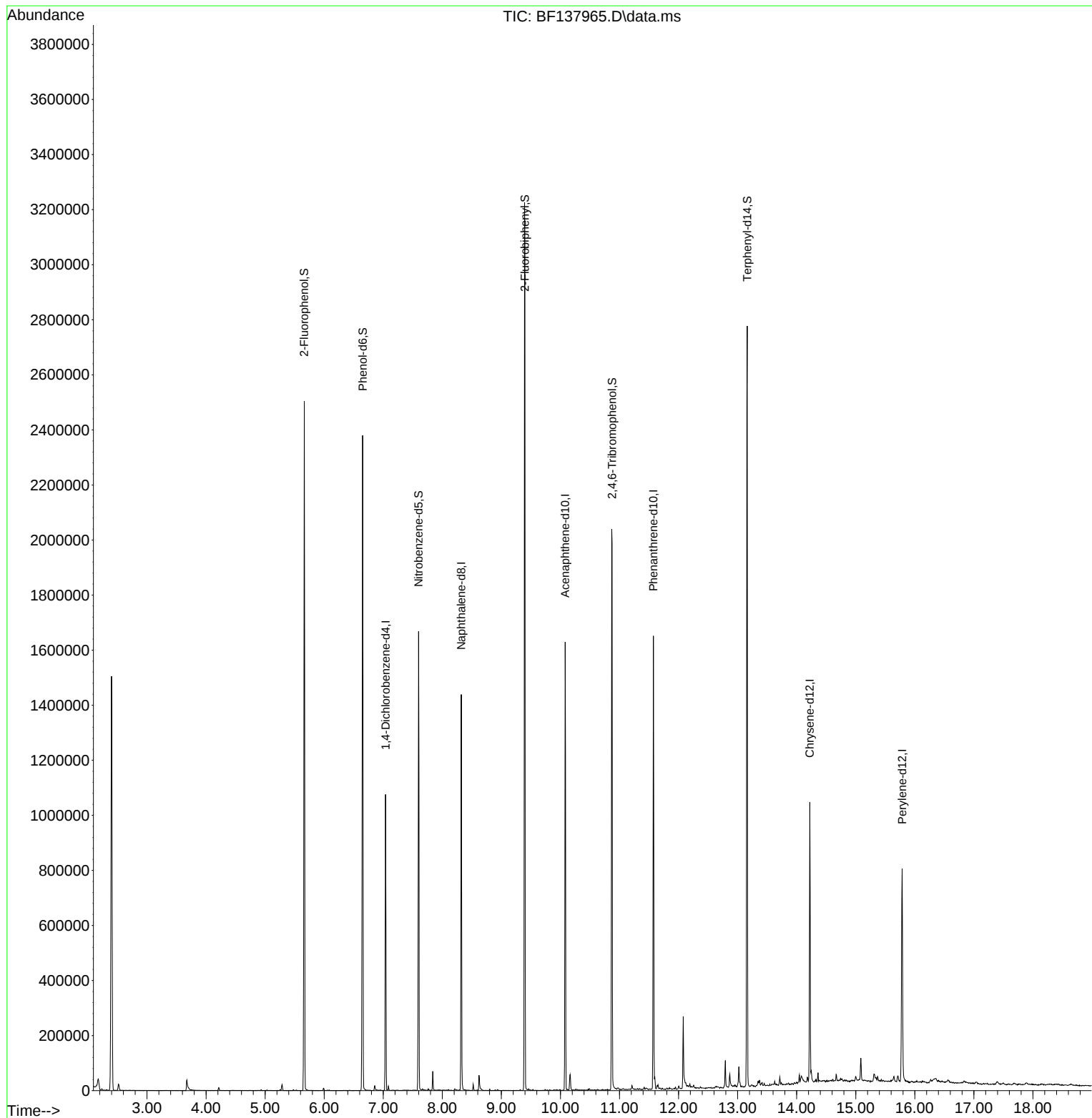
Target Compounds	Qvalue

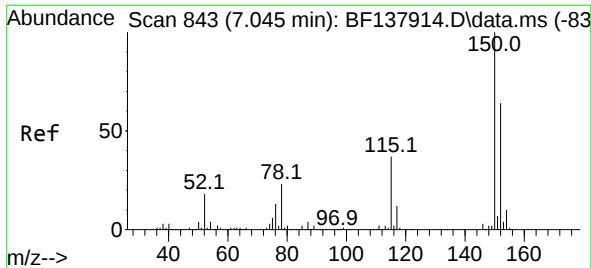
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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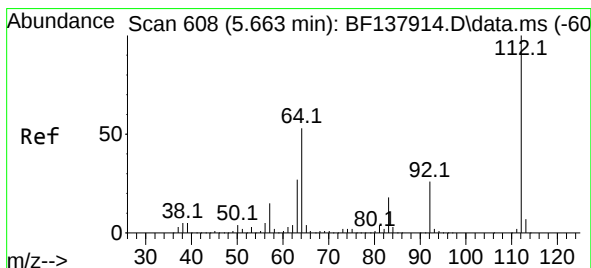
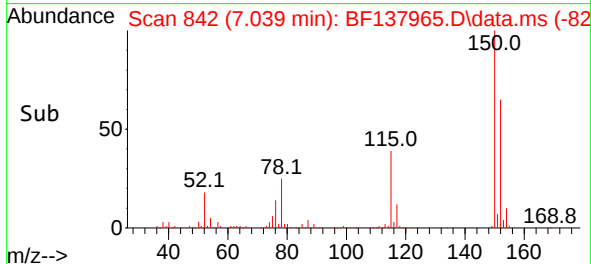
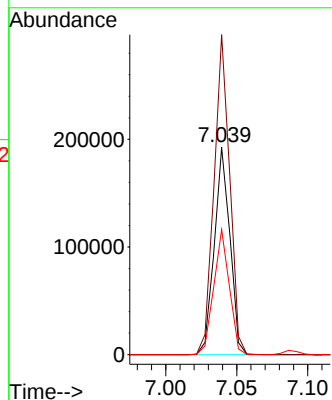
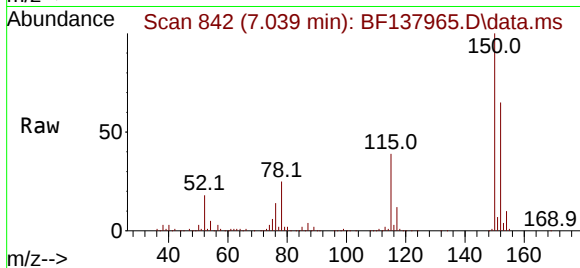




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.039 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF137965.D
Acq: 20 May 2024 18:07

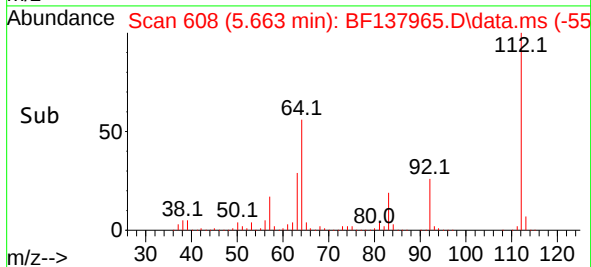
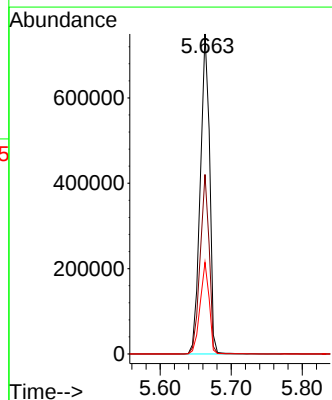
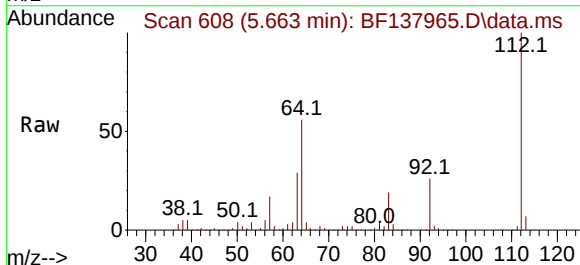
Instrument :
BNA_F
ClientSampleId :
TP-17

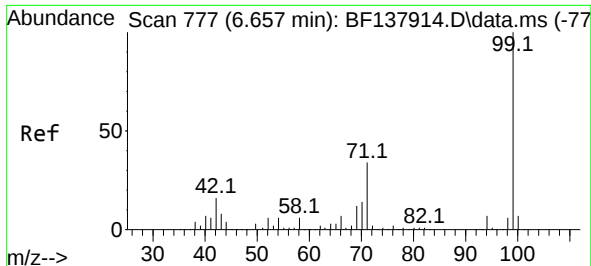
Tgt Ion:152 Resp: 146471
Ion Ratio Lower Upper
152 100
150 154.3 125.7 188.5
115 60.3 47.0 70.6



#5
2-Fluorophenol
Concen: 79.668 ng
RT: 5.663 min Scan# 608
Delta R.T. -0.000 min
Lab File: BF137965.D
Acq: 20 May 2024 18:07

Tgt Ion:112 Resp: 686966
Ion Ratio Lower Upper
112 100
64 56.1 42.4 63.6
63 28.7 21.4 32.2

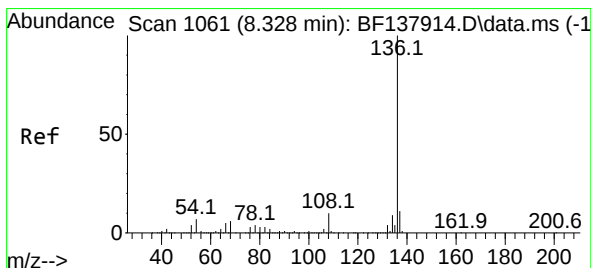
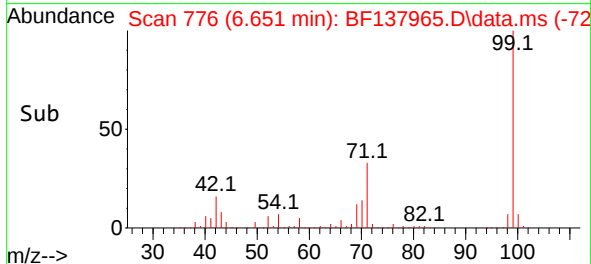
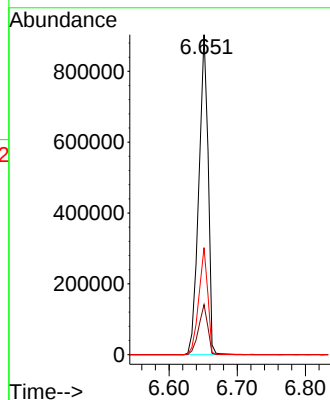
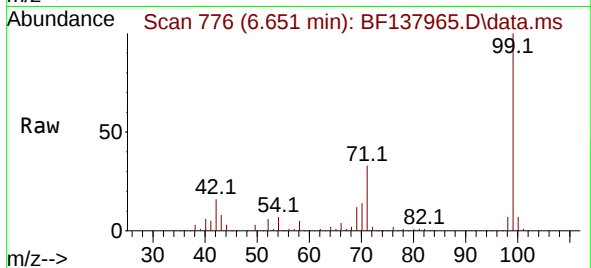




#7
Phenol-d6
Concen: 80.499 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137965.D
Acq: 20 May 2024 18:07

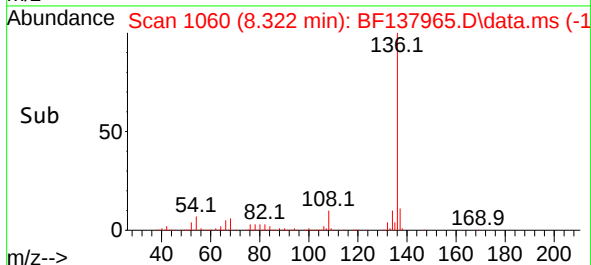
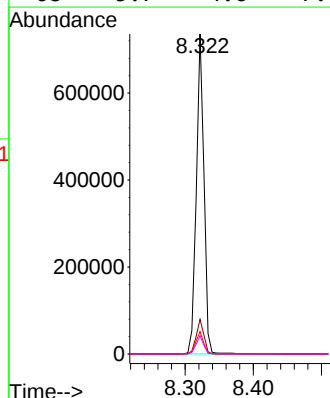
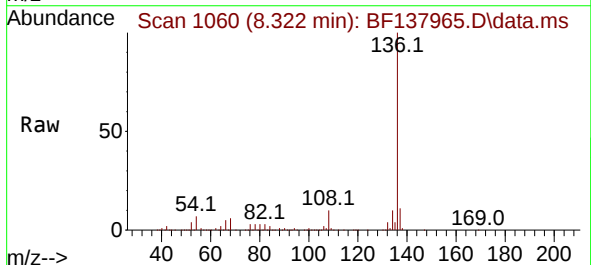
Instrument :
BNA_F
ClientSampleId :
TP-17

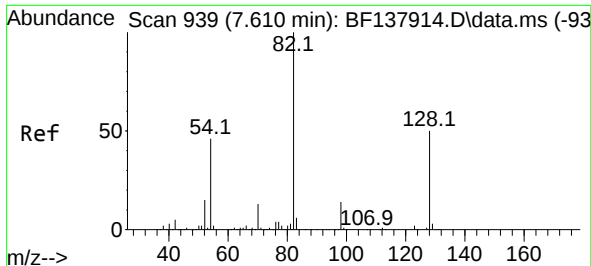
Tgt Ion: 99 Resp: 855059
Ion Ratio Lower Upper
99 100
42 15.6 12.6 18.8
71 33.5 27.1 40.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BF137965.D
Acq: 20 May 2024 18:07

Tgt Ion: 136 Resp: 571309
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.0 5.4 8.2
68 5.7 4.6 7.0

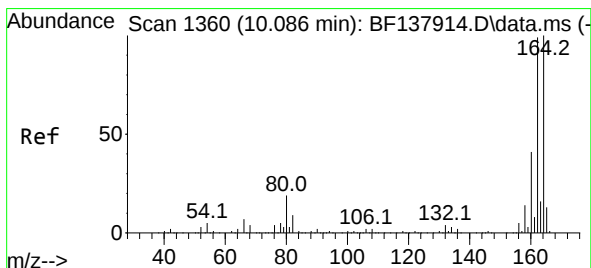
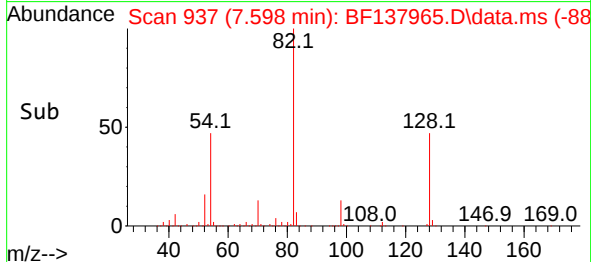
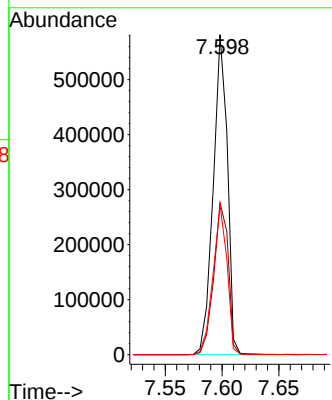
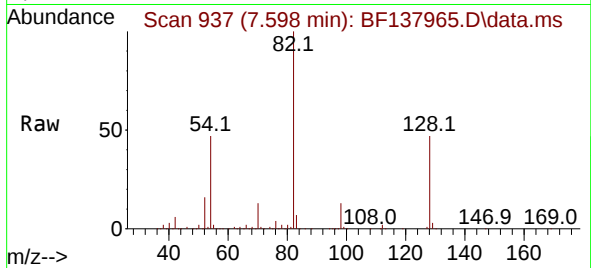




#23
Nitrobenzene-d5
Concen: 51.945 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF137965.D
Acq: 20 May 2024 18:07

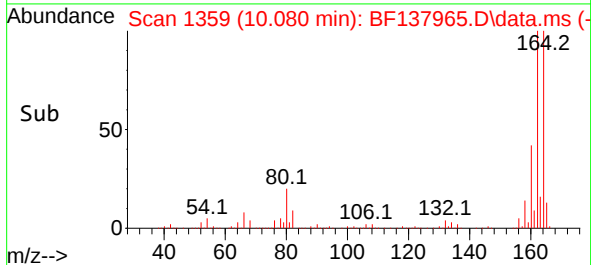
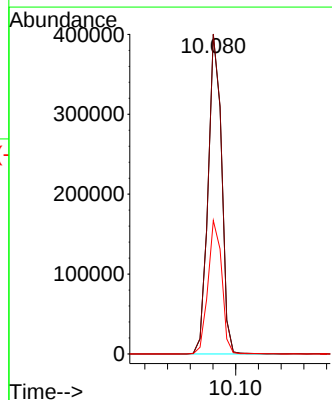
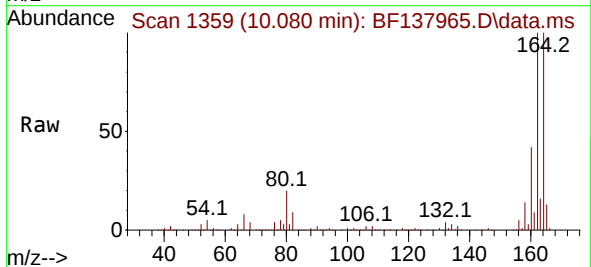
Instrument :
BNA_F
ClientSampleId :
TP-17

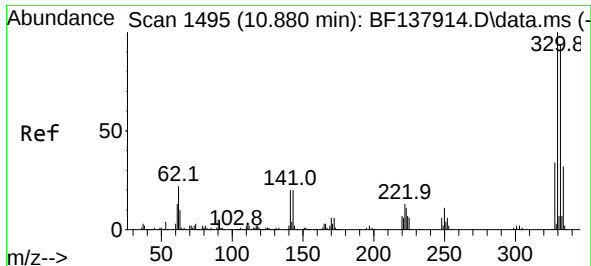
Tgt Ion: 82 Resp: 504273
Ion Ratio Lower Upper
82 100
128 47.4 40.3 60.5
54 46.9 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF137965.D
Acq: 20 May 2024 18:07

Tgt Ion:164 Resp: 328598
Ion Ratio Lower Upper
164 100
162 100.2 79.4 119.2
160 41.8 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 82.430 ng

RT: 10.874 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF137965.D

Acq: 20 May 2024 18:07

Instrument :

BNA_F

ClientSampleId :

TP-17

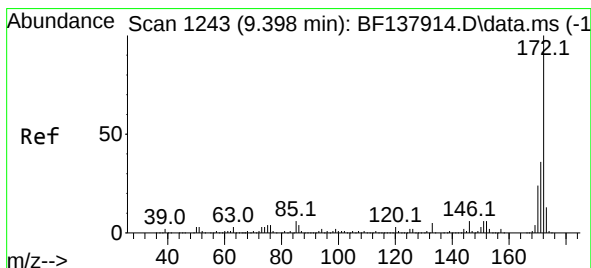
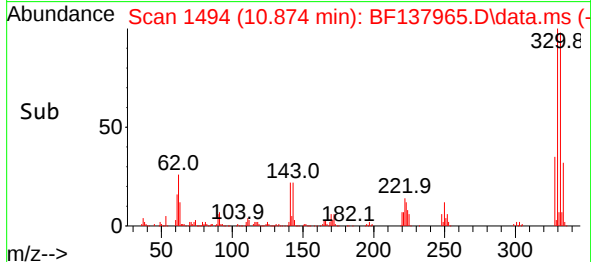
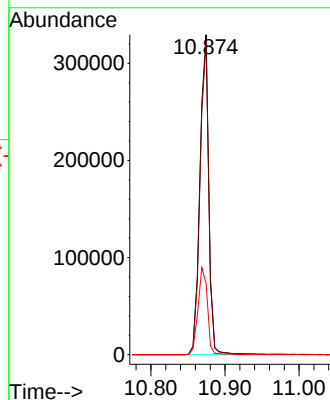
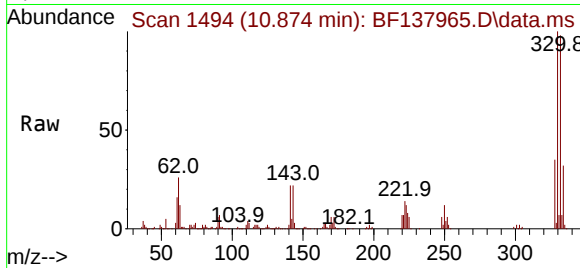
Tgt Ion:330 Resp: 273110

Ion Ratio Lower Upper

330 100

332 97.7 75.8 113.8

141 28.9 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 48.732 ng

RT: 9.398 min Scan# 1243

Delta R.T. -0.000 min

Lab File: BF137965.D

Acq: 20 May 2024 18:07

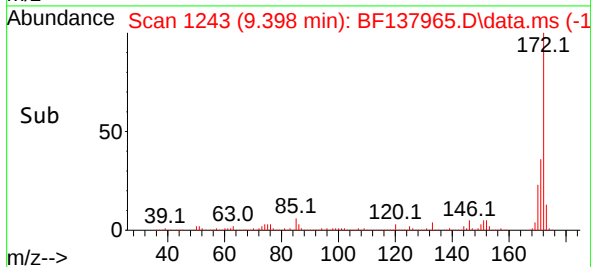
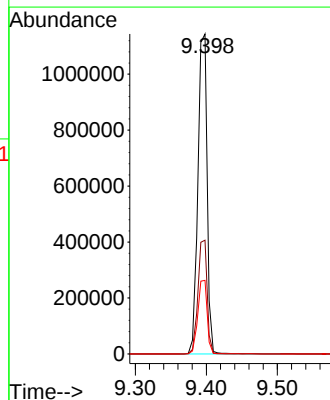
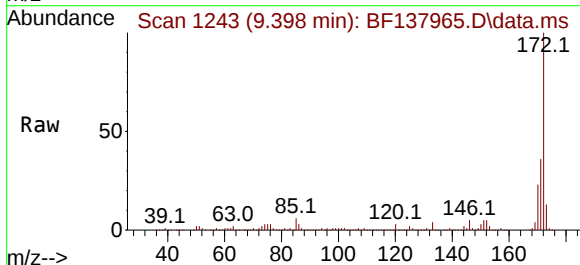
Tgt Ion:172 Resp: 1039559

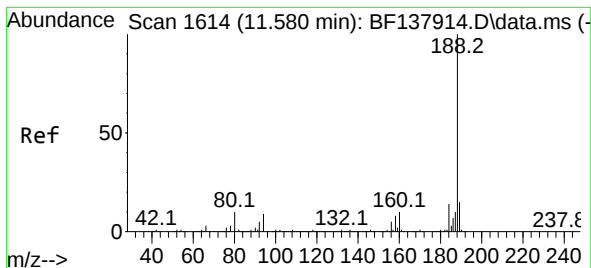
Ion Ratio Lower Upper

172 100

171 35.5 28.9 43.3

170 23.0 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.574 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137965.D

Acq: 20 May 2024 18:07

Instrument :

BNA_F

ClientSampleId :

TP-17

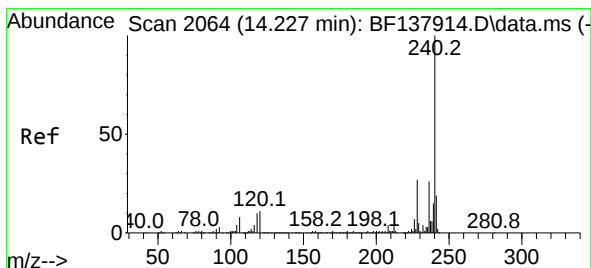
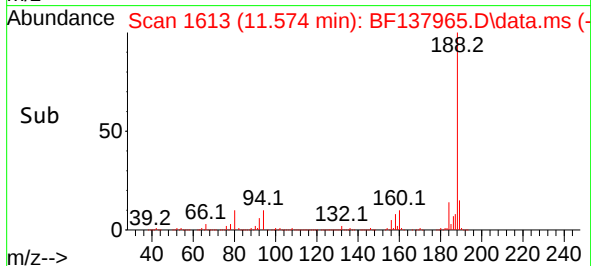
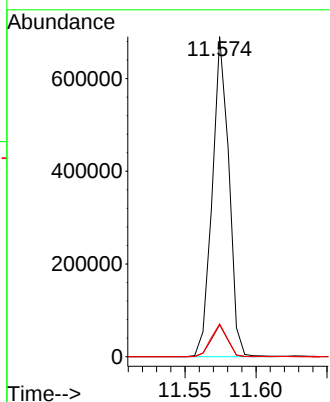
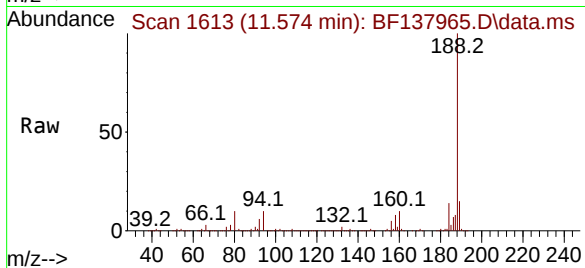
Tgt Ion:188 Resp: 559908

Ion Ratio Lower Upper

188 100

94 9.9 7.0 10.4

80 10.3 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: BF137965.D

Acq: 20 May 2024 18:07

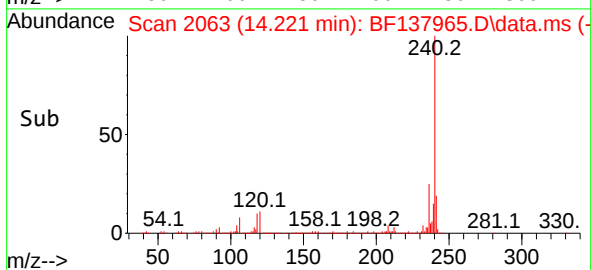
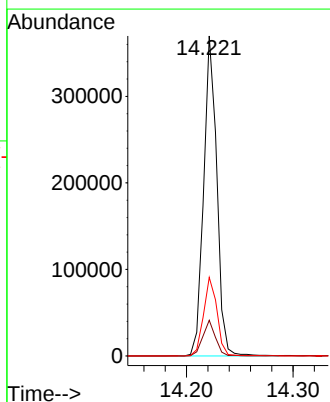
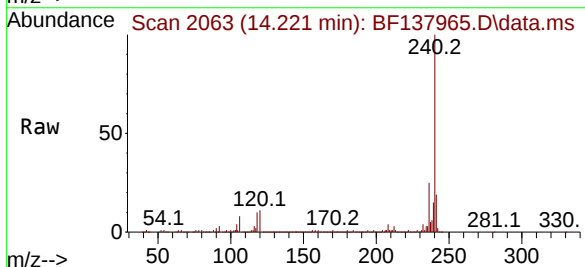
Tgt Ion:240 Resp: 318698

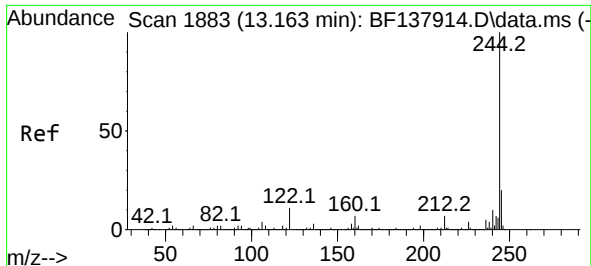
Ion Ratio Lower Upper

240 100

120 11.2 8.9 13.3

236 24.6 21.0 31.4

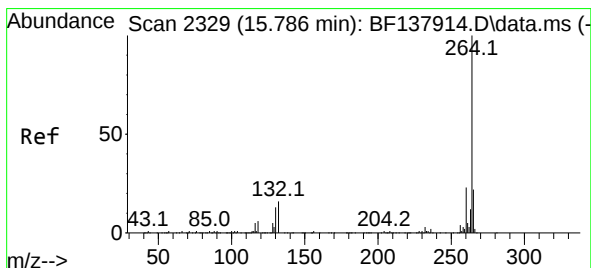
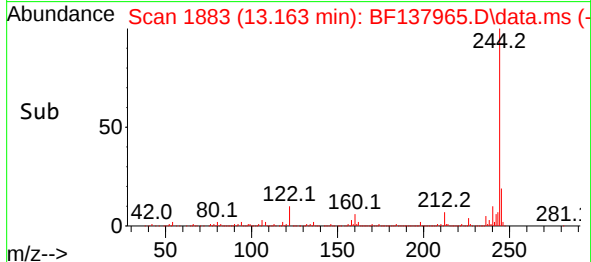
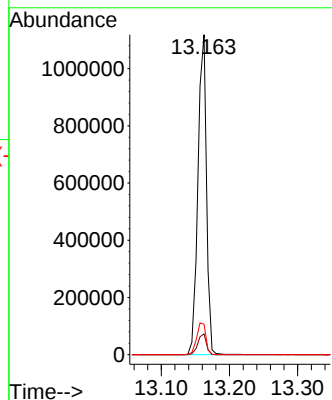
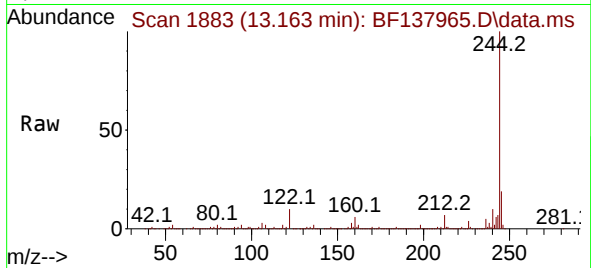




#79
 Terphenyl-d14
 Concen: 45.063 ng
 RT: 13.163 min Scan# 1883
 Delta R.T. -0.000 min
 Lab File: BF137965.D
 Acq: 20 May 2024 18:07

Instrument :
 BNA_F
 ClientSampleId :
 TP-17

Tgt Ion:244 Resp: 974456
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 9.5 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: BF137965.D
 Acq: 20 May 2024 18:07

Tgt Ion:264 Resp: 364825
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.3 27.5
 265 21.2 17.6 26.4

