

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051424\
 Data File : BF137919.D
 Acq On : 14 May 2024 16:00
 Operator : CG\JU
 Sample : PB160921BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160921BL

Quant Time: May 15 04:18:04 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	135101	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	536512	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	300825	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	524272	20.000	ng	0.00
76) Chrysene-d12	14.227	240	337392	20.000	ng	0.00
86) Perylene-d12	15.786	264	266702	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	1033820	129.984	ng	0.01
7) Phenol-d6	6.657	99	1249954	127.580	ng	0.00
23) Nitrobenzene-d5	7.604	82	778581	85.403	ng	0.00
42) 2,4,6-Tribromophenol	10.875	330	405699	133.752	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1642300	84.095	ng	0.00
79) Terphenyl-d14	13.169	244	1934172	84.489	ng	0.00

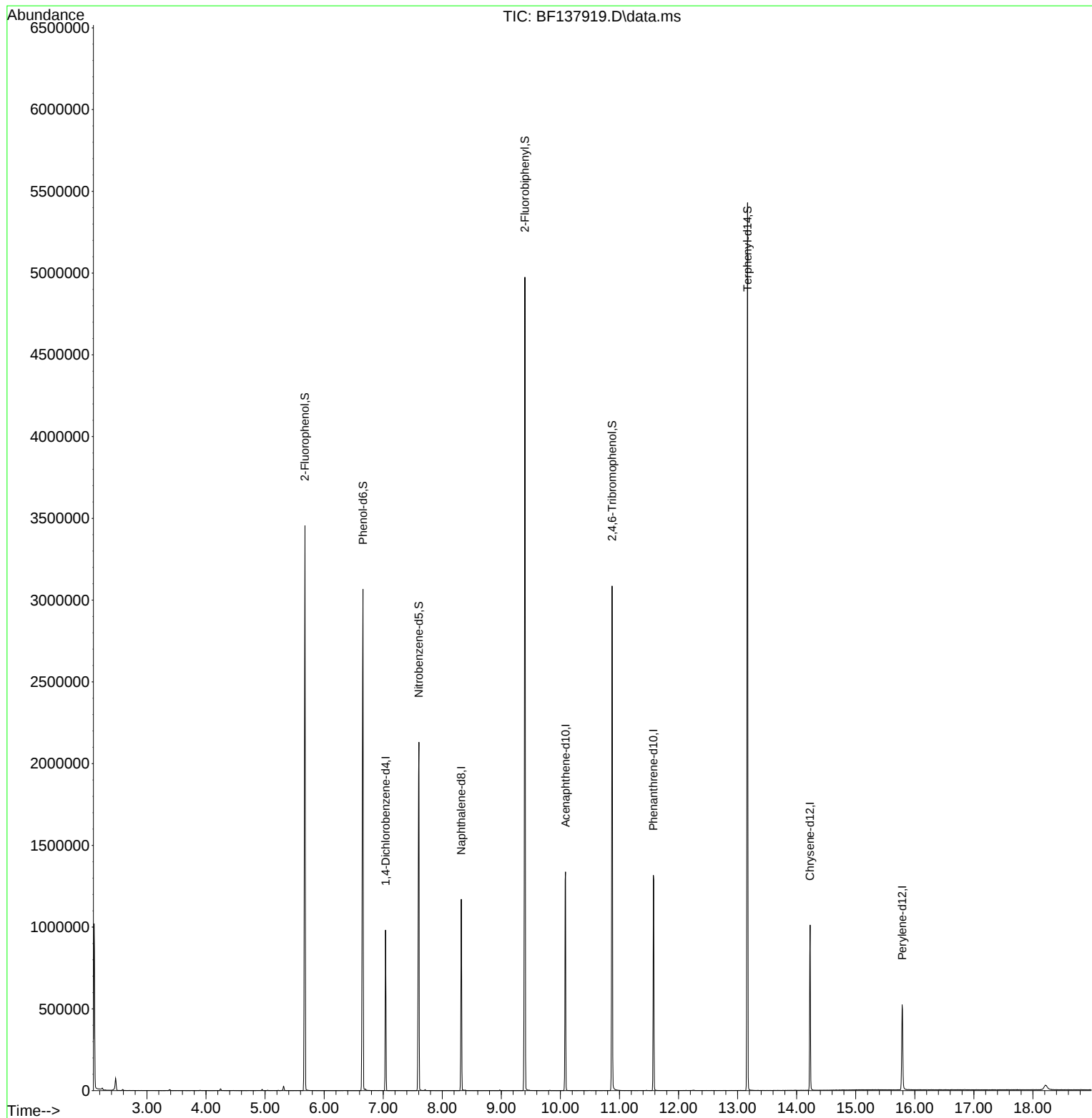
Target Compounds	Qvalue

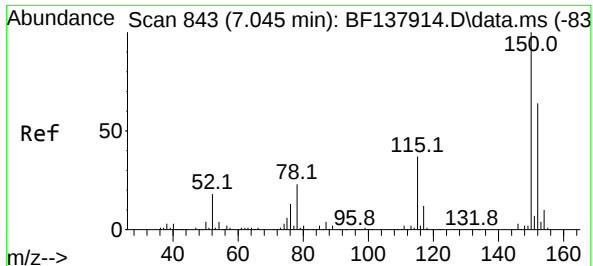
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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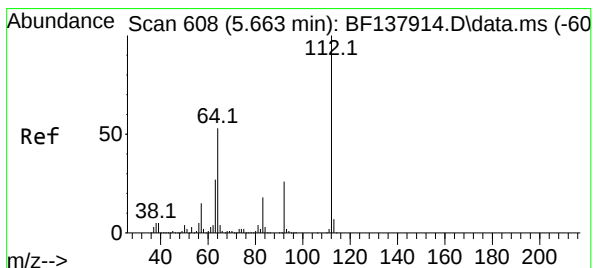
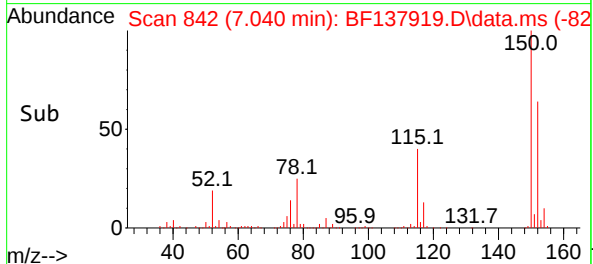
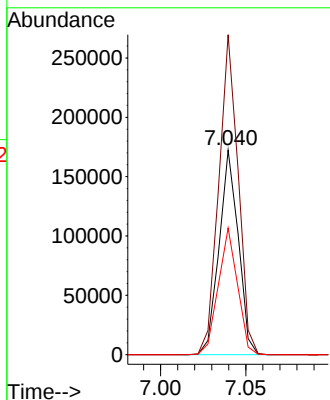
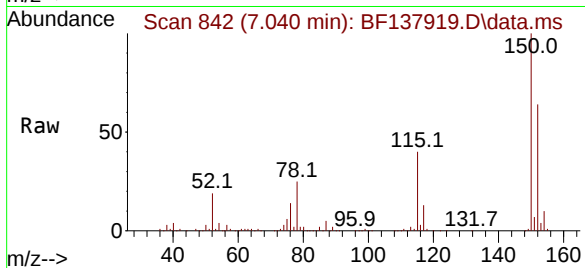




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.040 min Scan# 84
Delta R.T. -0.005 min
Lab File: BF137919.D
Acq: 14 May 2024 16:00

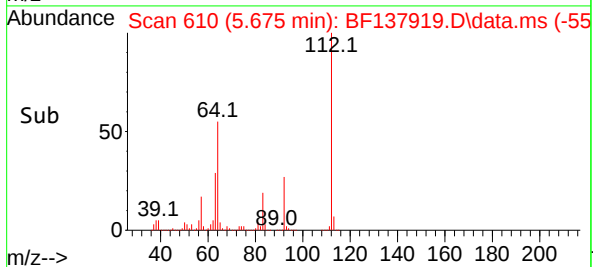
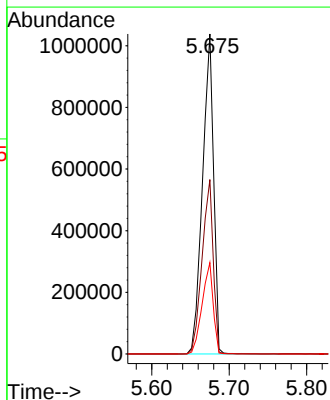
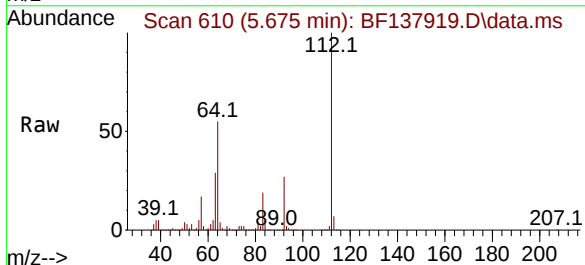
Instrument :
BNA_F
ClientSampleId :
PB160921BL

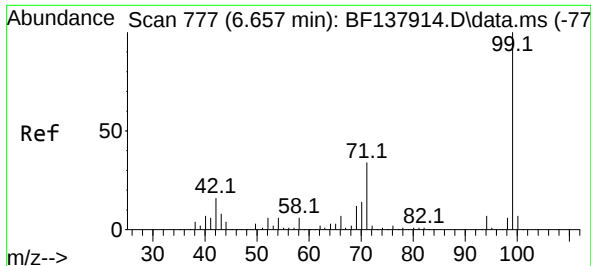
Tgt Ion:152 Resp: 135101
Ion Ratio Lower Upper
152 100
150 156.4 125.7 188.5
115 61.9 47.0 70.6



#5
2-Fluorophenol
Concen: 129.984 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF137919.D
Acq: 14 May 2024 16:00

Tgt Ion:112 Resp: 1033820
Ion Ratio Lower Upper
112 100
64 54.5 42.4 63.6
63 28.6 21.4 32.2

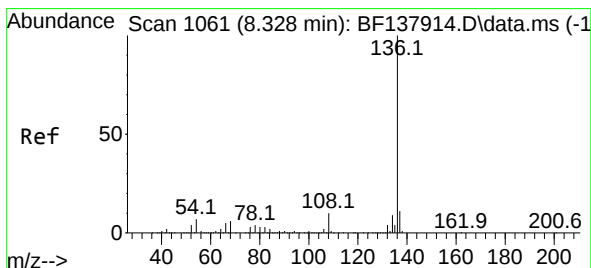
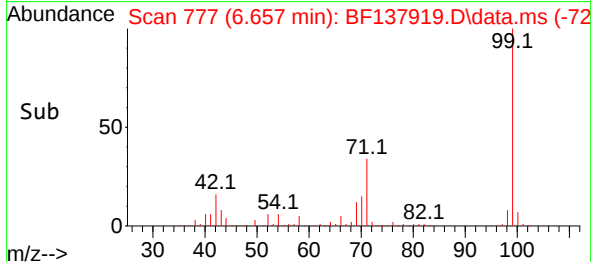
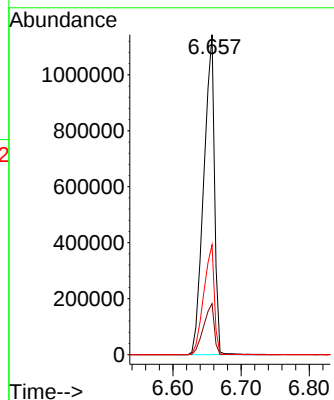
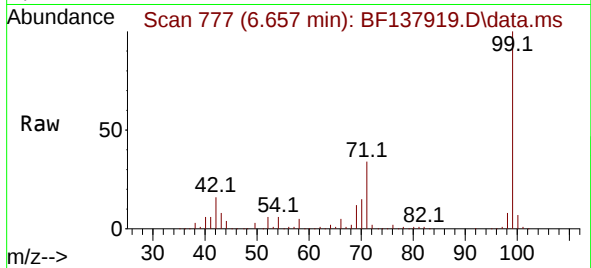




#7
Phenol-d6
Concen: 127.580 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137919.D
Acq: 14 May 2024 16:00

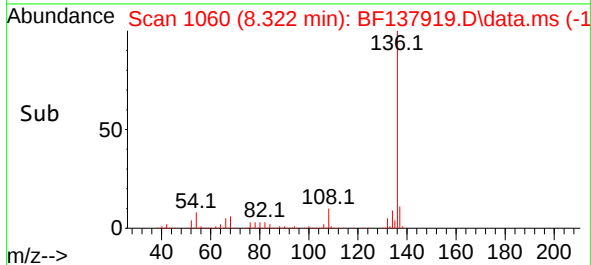
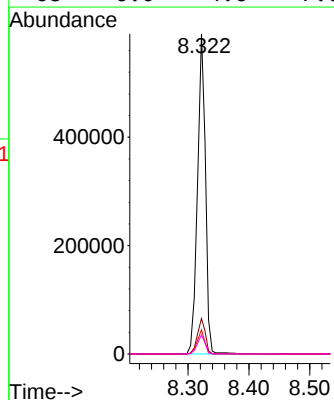
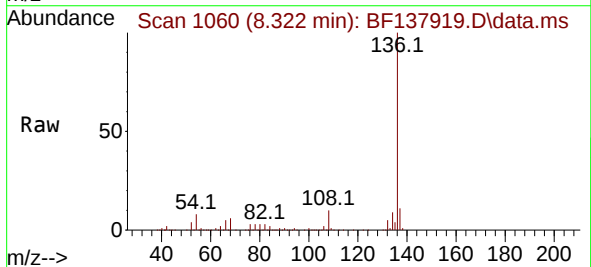
Instrument :
BNA_F
ClientSampleId :
PB160921BL

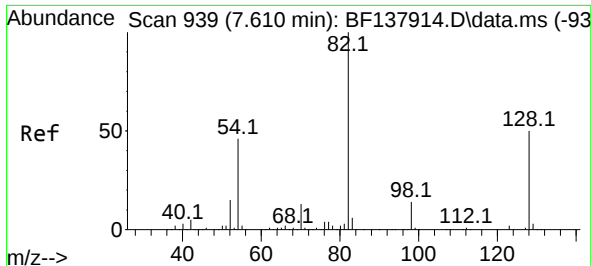
Tgt Ion: 99 Resp: 1249954
Ion Ratio Lower Upper
99 100
42 15.9 12.6 18.8
71 34.4 27.1 40.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BF137919.D
Acq: 14 May 2024 16:00

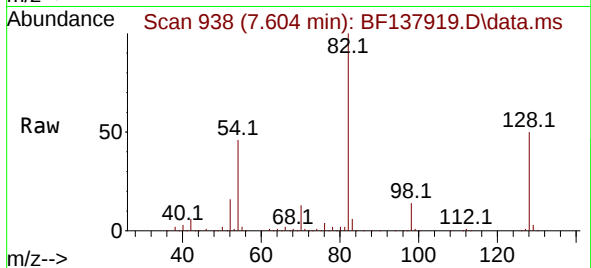
Tgt Ion: 136 Resp: 536512
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.5 5.4 8.2
68 6.0 4.6 7.0



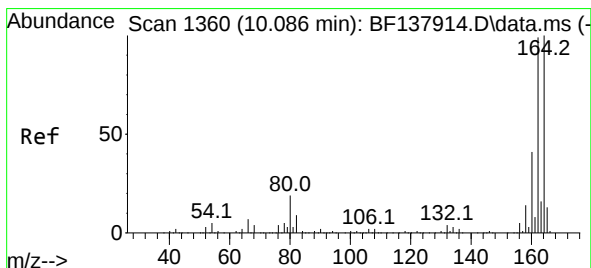
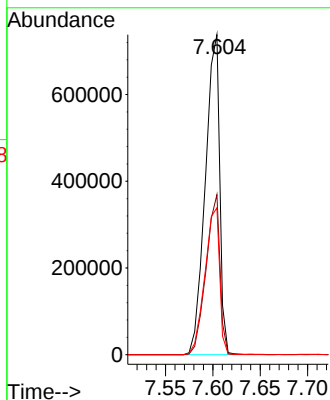
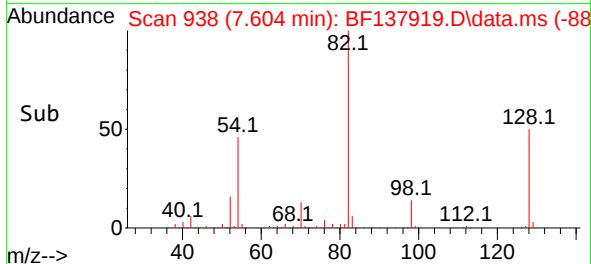


#23
Nitrobenzene-d5
Concen: 85.403 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137919.D
Acq: 14 May 2024 16:00

Instrument :
BNA_F
ClientSampleId :
PB160921BL

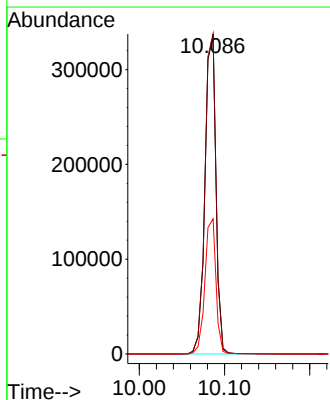
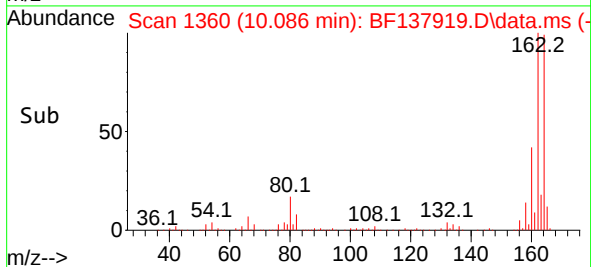
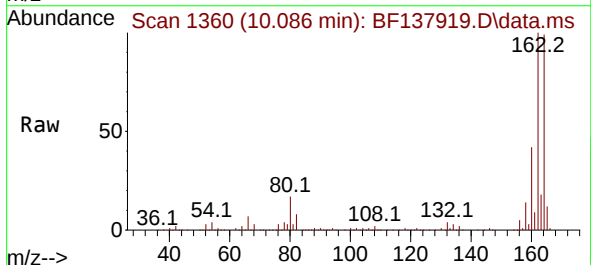


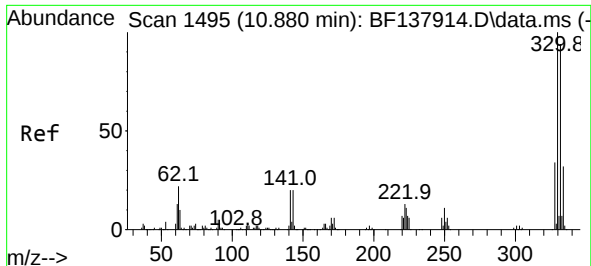
Tgt Ion: 82 Resp: 778581
Ion Ratio Lower Upper
82 100
128 50.0 40.3 60.5
54 45.9 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF137919.D
Acq: 14 May 2024 16:00

Tgt Ion:164 Resp: 300825
Ion Ratio Lower Upper
164 100
162 100.7 79.4 119.2
160 42.5 33.1 49.7

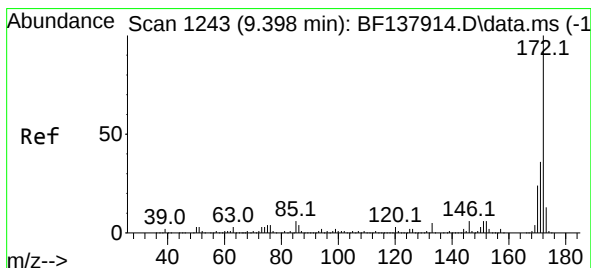
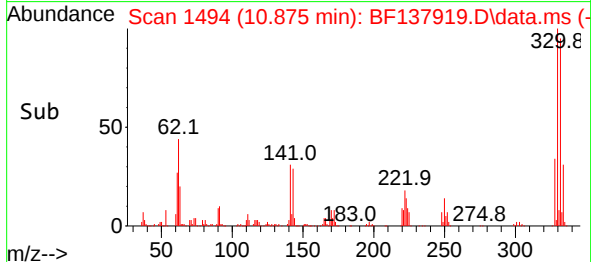
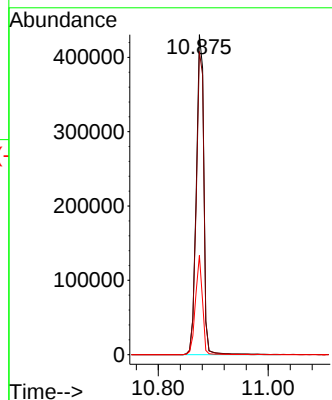
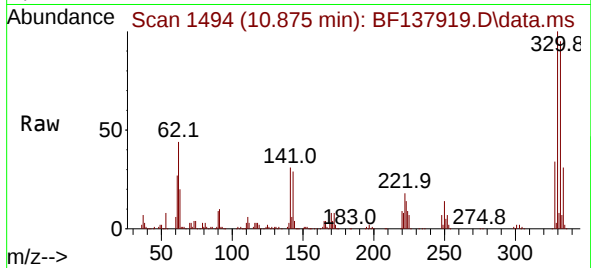




#42
2,4,6-Tribromophenol
Concen: 133.752 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF137919.D
Acq: 14 May 2024 16:00

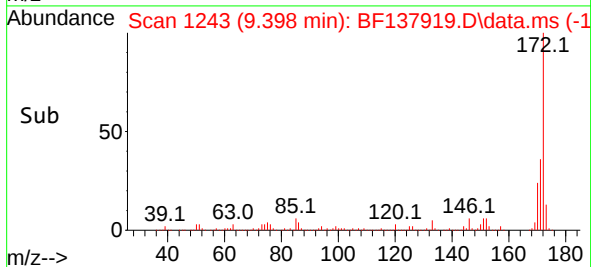
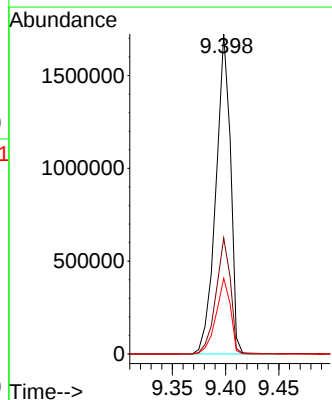
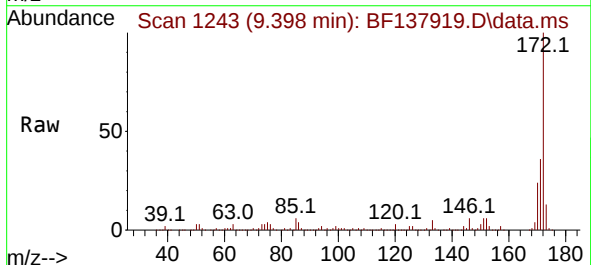
Instrument :
BNA_F
ClientSampleId :
PB160921BL

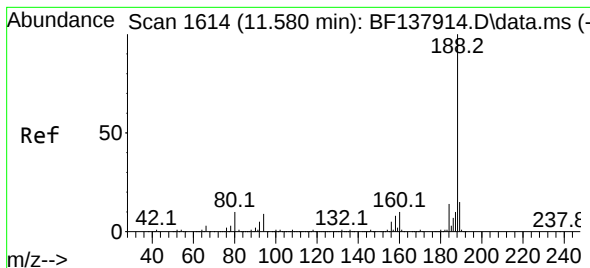
Tgt Ion:330 Resp: 405699
Ion Ratio Lower Upper
330 100
332 96.0 75.8 113.8
141 28.7 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 84.095 ng
RT: 9.398 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF137919.D
Acq: 14 May 2024 16:00

Tgt Ion:172 Resp: 1642300
Ion Ratio Lower Upper
172 100
171 36.2 28.9 43.3
170 23.7 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: BF137919.D

Acq: 14 May 2024 16:00

Instrument :

BNA_F

ClientSampleId :

PB160921BL

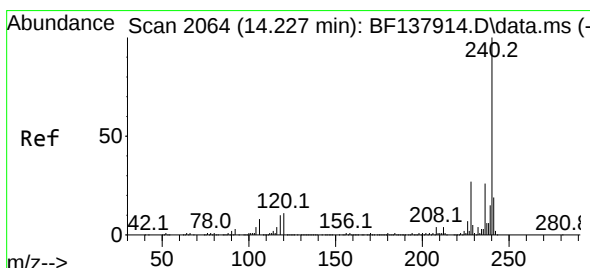
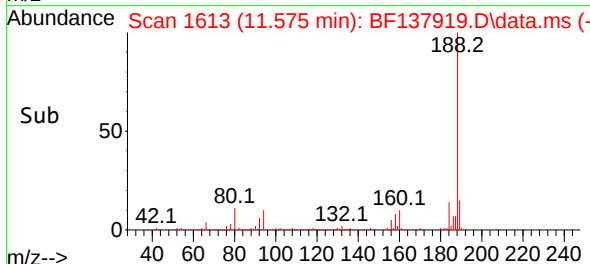
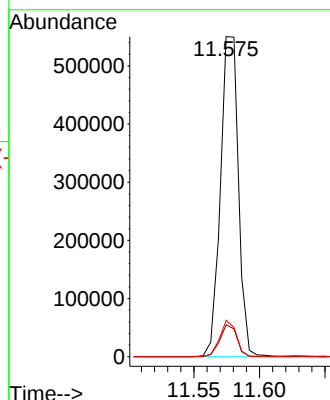
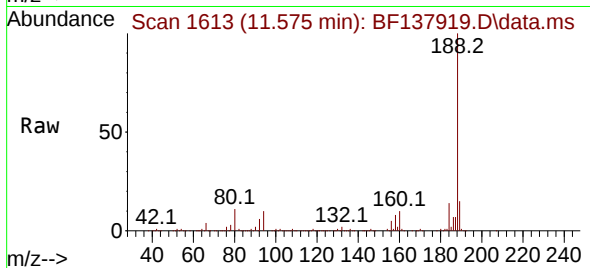
Tgt Ion:188 Resp: 524272

Ion Ratio Lower Upper

188 100

94 10.0 7.0 10.4

80 11.4 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.227 min Scan# 2064

Delta R.T. 0.000 min

Lab File: BF137919.D

Acq: 14 May 2024 16:00

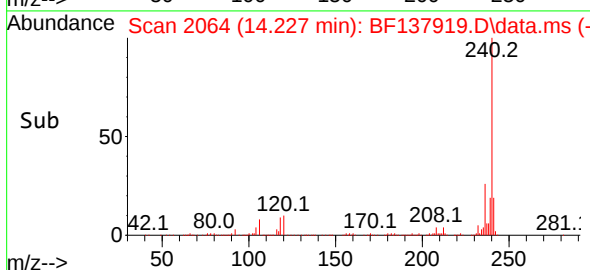
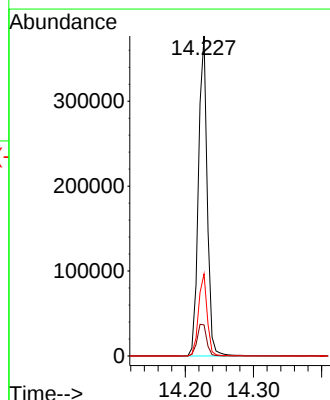
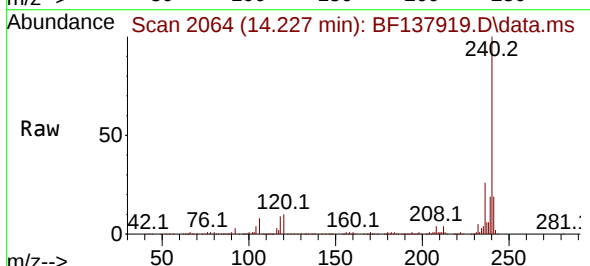
Tgt Ion:240 Resp: 337392

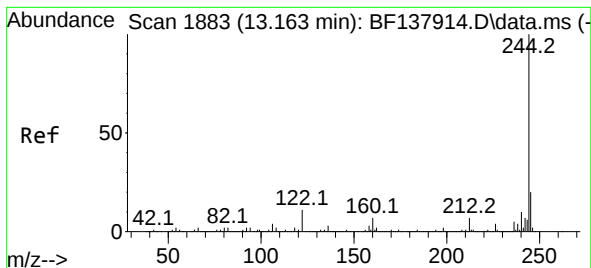
Ion Ratio Lower Upper

240 100

120 9.7 8.9 13.3

236 25.6 21.0 31.4





#79

Terphenyl-d14

Concen: 84.489 ng

RT: 13.169 min Scan# 1883

Delta R.T. 0.006 min

Lab File: BF137919.D

Acq: 14 May 2024 16:00

Instrument :

BNA_F

ClientSampleId :

PB160921BL

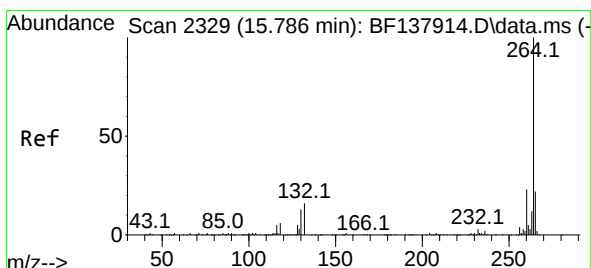
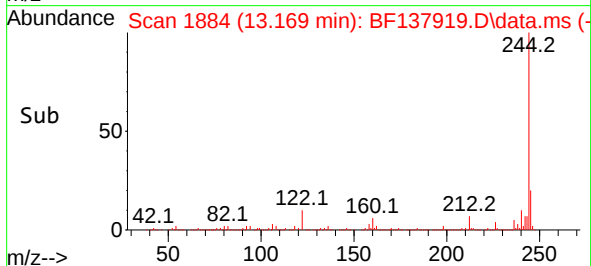
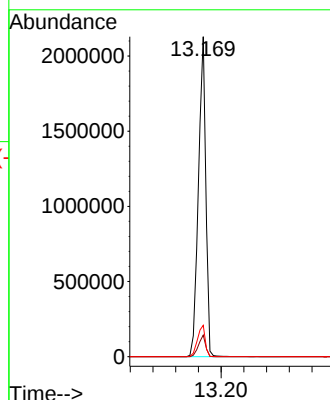
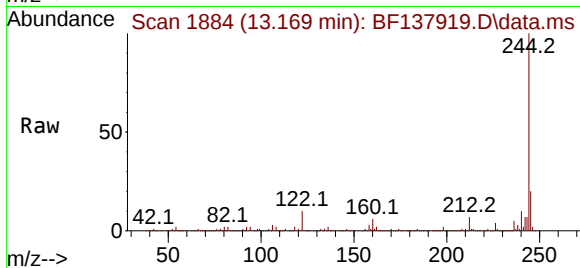
Tgt Ion:244 Resp: 1934172

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 9.8 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: BF137919.D

Acq: 14 May 2024 16:00

Tgt Ion:264 Resp: 266702

Ion Ratio Lower Upper

264 100

260 22.9 18.3 27.5

265 21.4 17.6 26.4

