

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060724\
 Data File : BF138164.D
 Acq On : 07 Jun 2024 17:05
 Operator : CG\JU
 Sample : P2704-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPN

Quant Time: Jun 07 22:52:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 06 05:19:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	386287	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	1487204	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	822867	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	1248566	20.000	ng	0.00
76) Chrysene-d12	14.063	240	599666	20.000	ng	0.00
86) Perylene-d12	15.539	264	507685	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1988200	87.716	ng	0.00
7) Phenol-d6	6.528	99	2506688	87.408	ng	0.00
23) Nitrobenzene-d5	7.463	82	1492514	68.280	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	719457	90.852	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2964507	62.994	ng	0.00
79) Terphenyl-d14	13.010	244	2445925	61.008	ng	-0.01

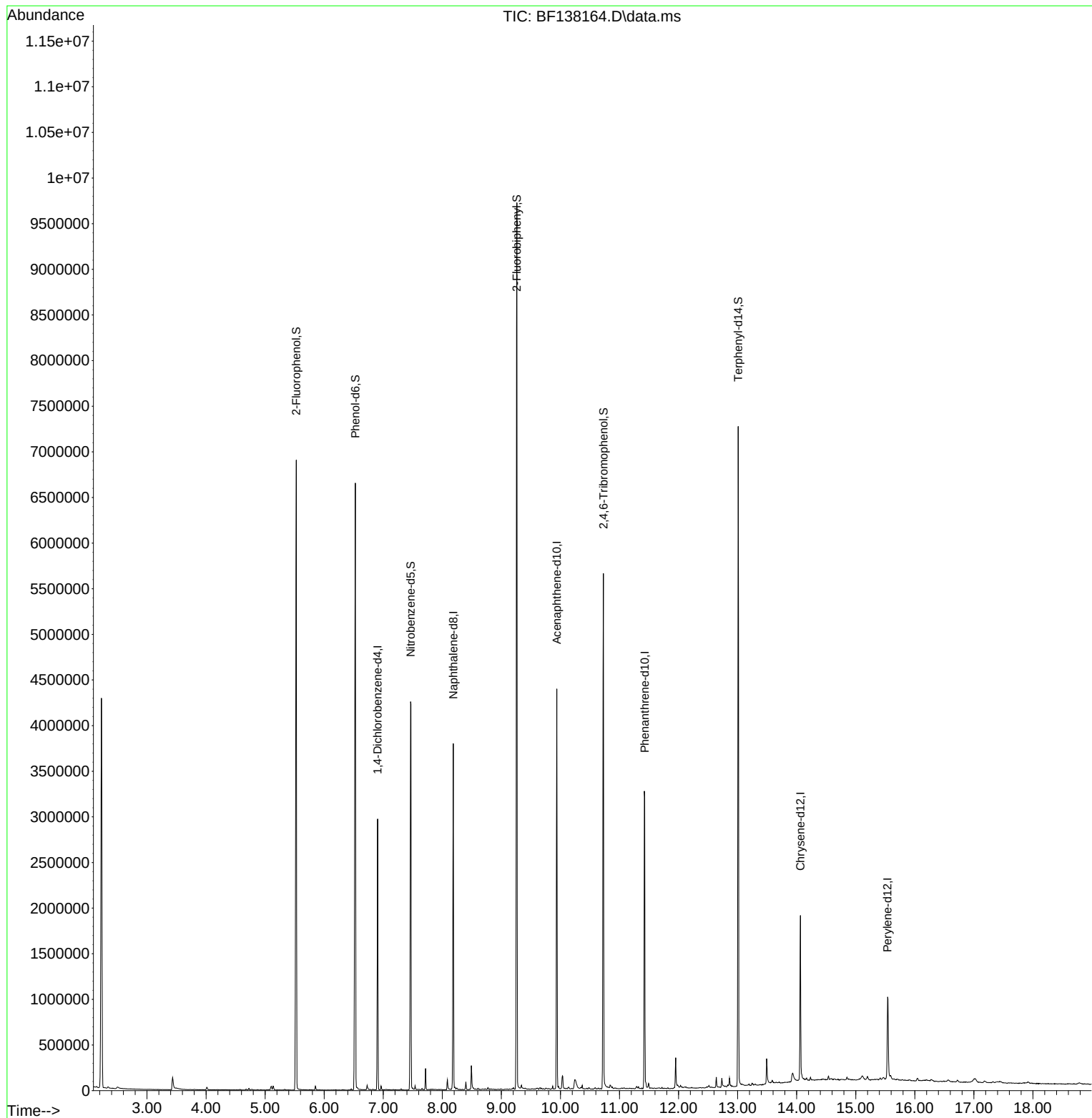
Target Compounds	Qvalue

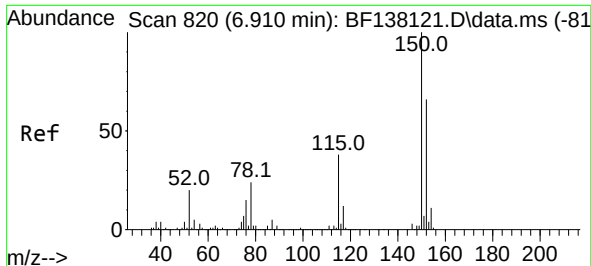
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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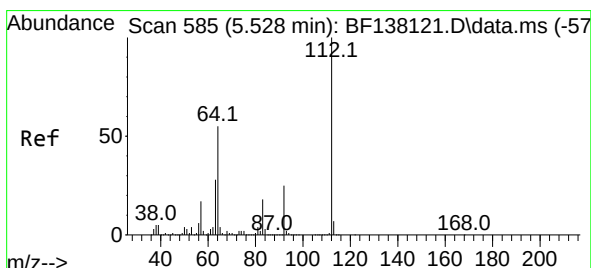
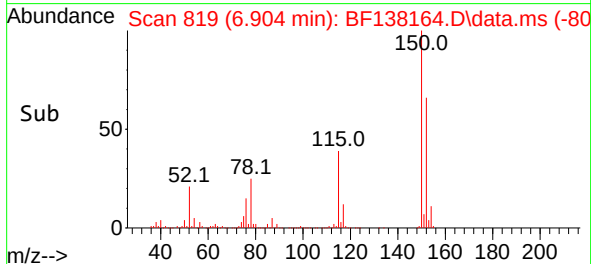
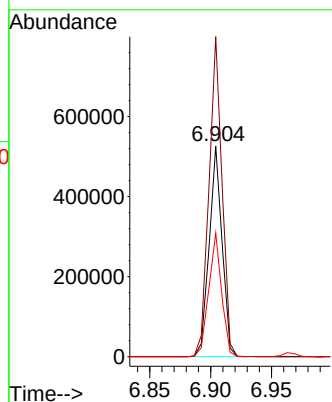
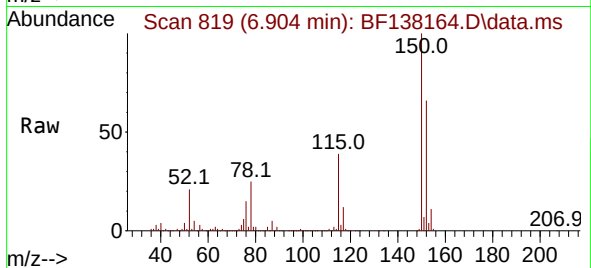




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF138164.D
Acq: 07 Jun 2024 17:05

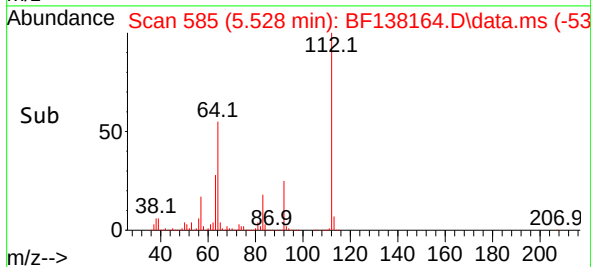
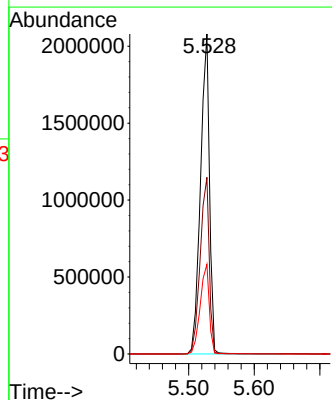
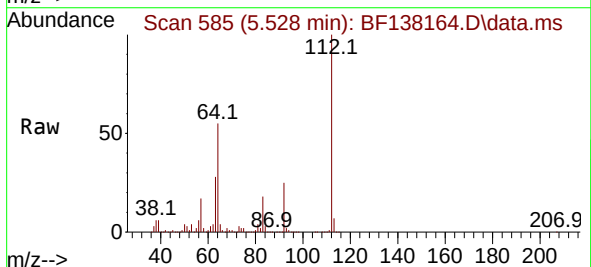
Instrument :
BNA_F
ClientSampleId :
WCS-TPN

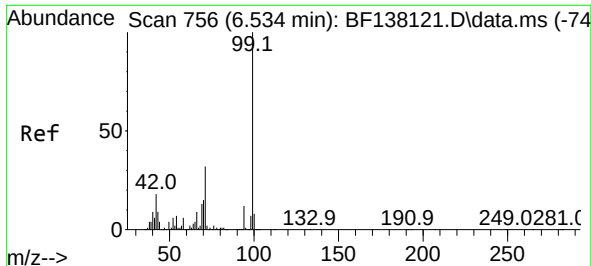
Tgt Ion:152 Resp: 386287
Ion Ratio Lower Upper
152 100
150 151.8 121.8 182.6
115 58.7 46.2 69.2



#5
2-Fluorophenol
Concen: 87.716 ng
RT: 5.528 min Scan# 585
Delta R.T. -0.000 min
Lab File: BF138164.D
Acq: 07 Jun 2024 17:05

Tgt Ion:112 Resp: 1988200
Ion Ratio Lower Upper
112 100
64 55.2 44.0 66.0
63 28.0 22.1 33.1



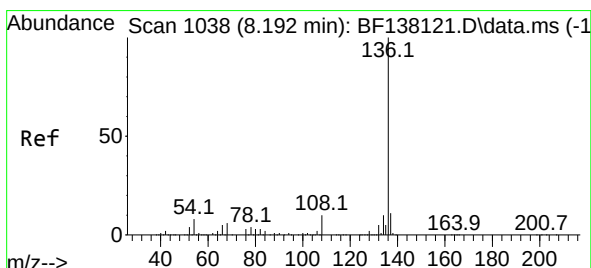
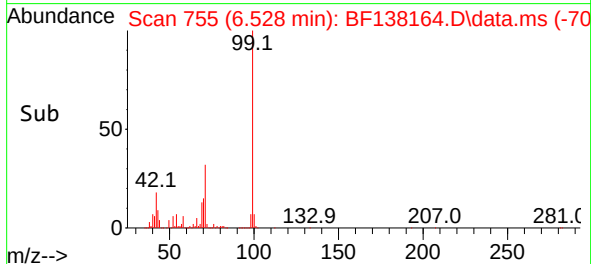
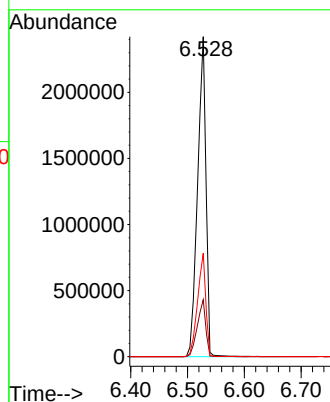
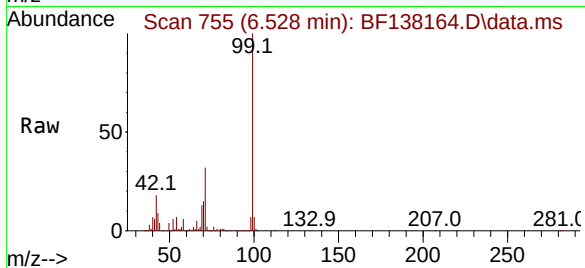


#7
Phenol-d6
Concen: 87.408 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138164.D
Acq: 07 Jun 2024 17:05

Instrument :
BNA_F
ClientSampleId :
WCS-TPN

Tgt Ion: 99 Resp: 2506688

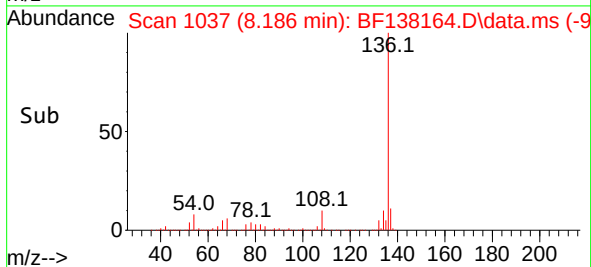
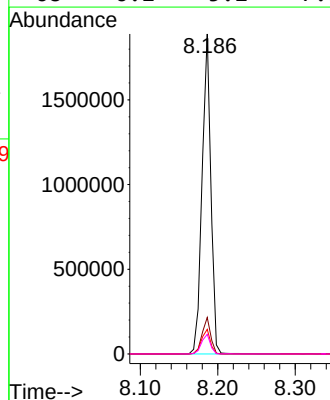
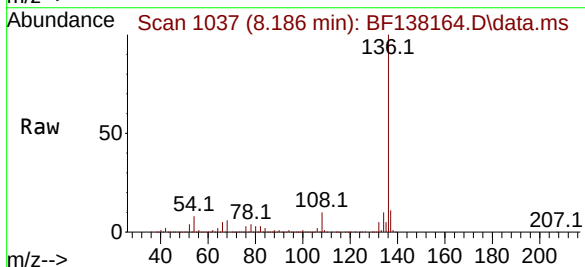
Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.4	21.6
71	32.3	25.5	38.3

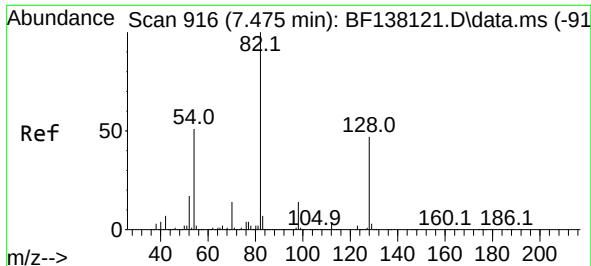


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF138164.D
Acq: 07 Jun 2024 17:05

Tgt Ion: 136 Resp: 1487204

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.7	6.2	9.2
68	6.2	5.2	7.8

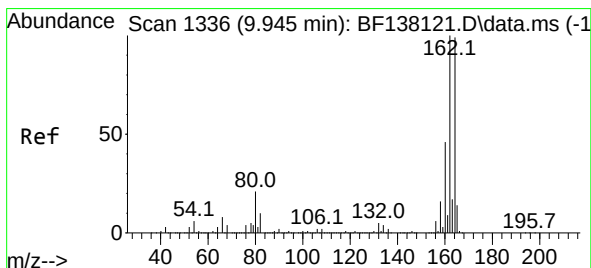
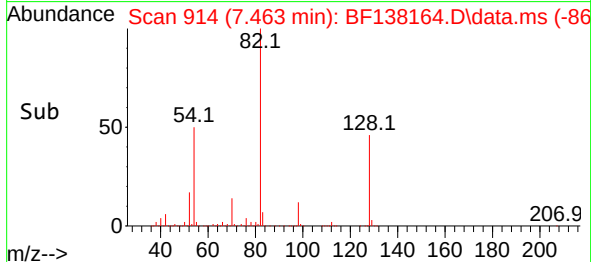
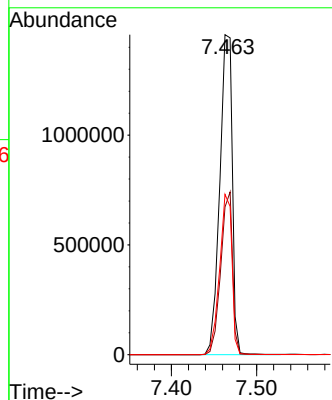
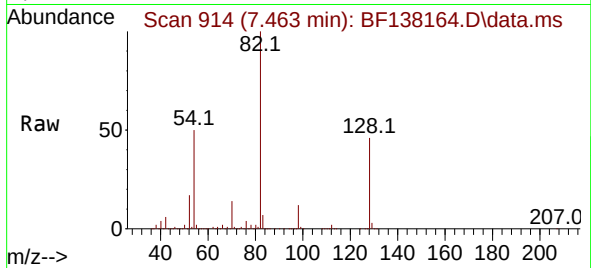




#23
Nitrobenzene-d5
Concen: 68.280 ng
RT: 7.463 min Scan# 916
Delta R.T. -0.012 min
Lab File: BF138164.D
Acq: 07 Jun 2024 17:05

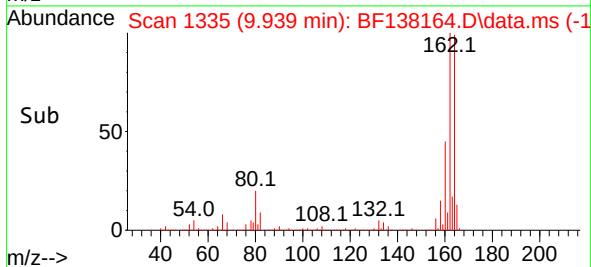
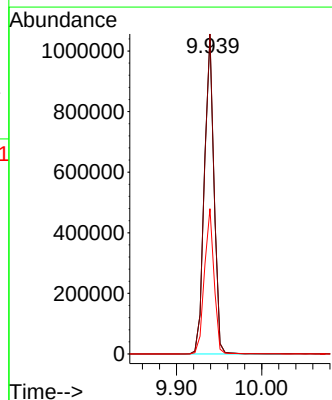
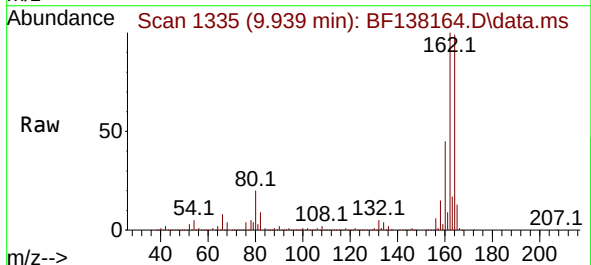
Instrument :
BNA_F
ClientSampleId :
WCS-TPN

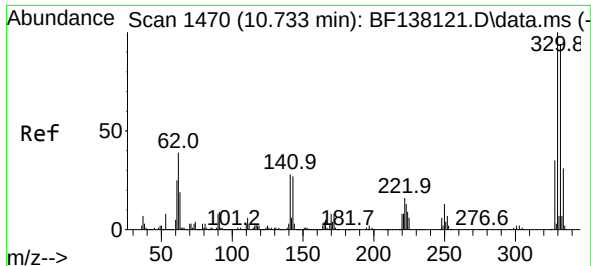
Tgt Ion: 82 Resp: 1492514
Ion Ratio Lower Upper
82 100
128 46.1 37.7 56.5
54 50.1 40.8 61.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF138164.D
Acq: 07 Jun 2024 17:05

Tgt Ion:164 Resp: 822867
Ion Ratio Lower Upper
164 100
162 101.1 80.9 121.3
160 45.9 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 90.852 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF138164.D

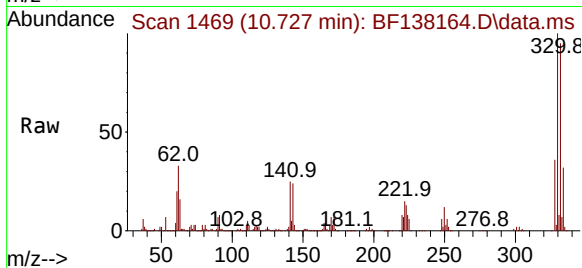
Acq: 07 Jun 2024 17:05

Instrument :

BNA_F

ClientSampleId :

WCS-TPN



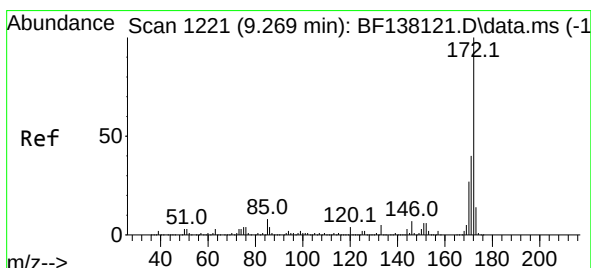
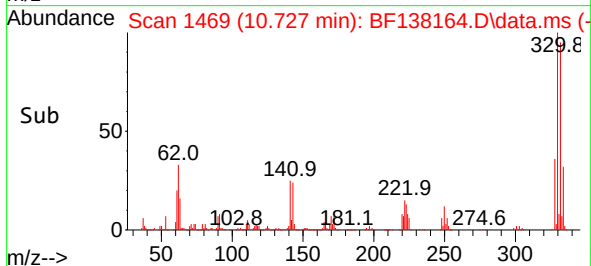
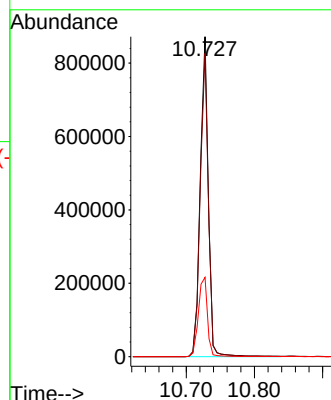
Tgt Ion:330 Resp: 719457

Ion Ratio Lower Upper

330 100

332 95.2 75.8 113.8

141 28.1 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 62.994 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF138164.D

Acq: 07 Jun 2024 17:05

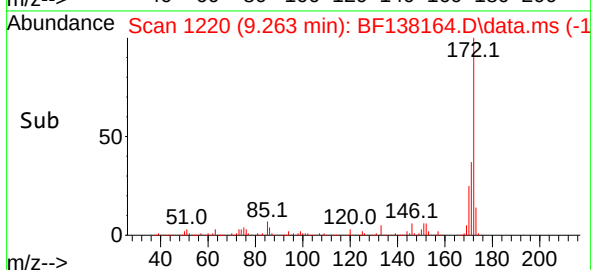
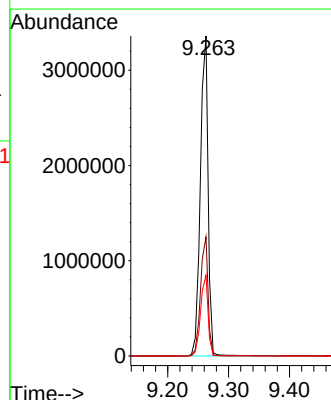
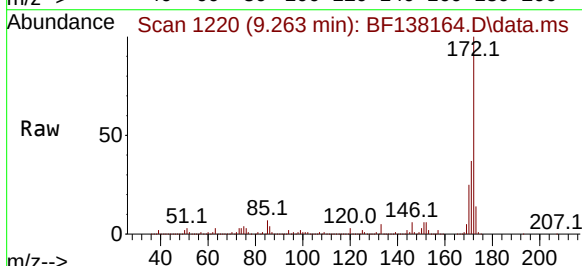
Tgt Ion:172 Resp: 2964507

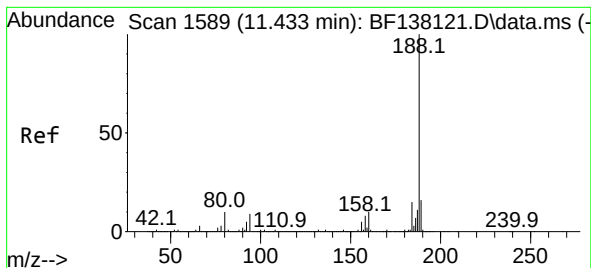
Ion Ratio Lower Upper

172 100

171 37.2 31.6 47.4

170 25.2 21.4 32.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138164.D

Acq: 07 Jun 2024 17:05

Instrument :

BNA_F

ClientSampleId :

WCS-TPN

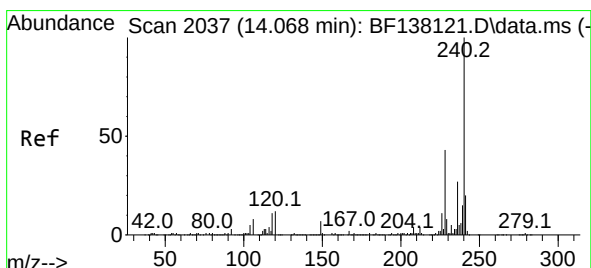
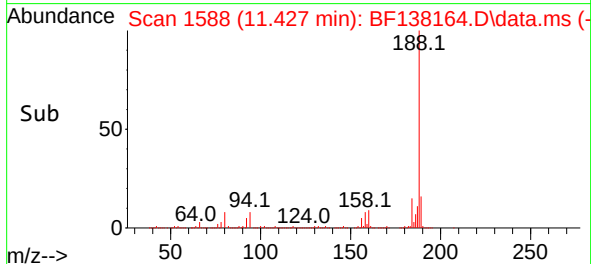
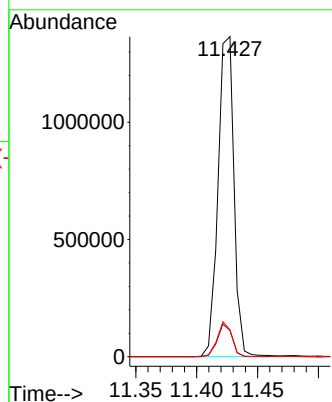
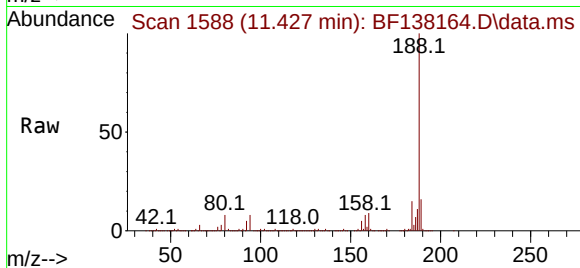
Tgt Ion:188 Resp: 1248566

Ion Ratio Lower Upper

188 100

94 8.2 7.4 11.2

80 8.4 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.005 min

Lab File: BF138164.D

Acq: 07 Jun 2024 17:05

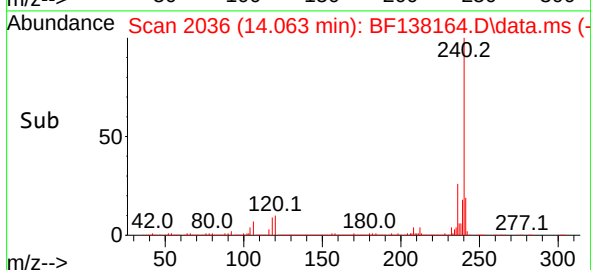
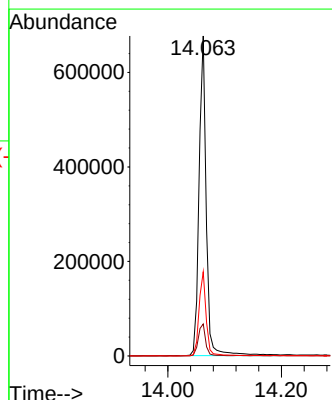
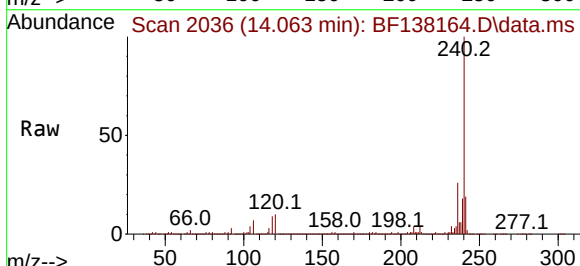
Tgt Ion:240 Resp: 599666

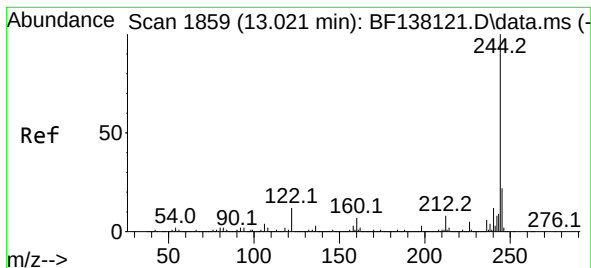
Ion Ratio Lower Upper

240 100

120 10.0 9.8 14.8

236 26.3 21.2 31.8





#79

Terphenyl-d14

Concen: 61.008 ng

RT: 13.010 min Scan# 1857

Delta R.T. -0.012 min

Lab File: BF138164.D

Acq: 07 Jun 2024 17:05

Instrument :

BNA_F

ClientSampleId :

WCS-TPN

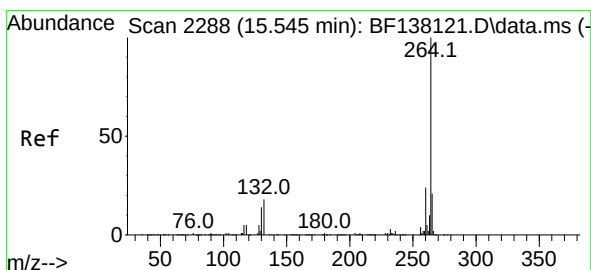
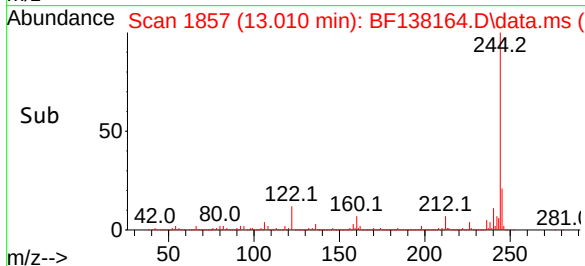
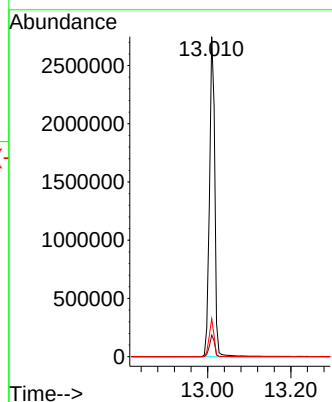
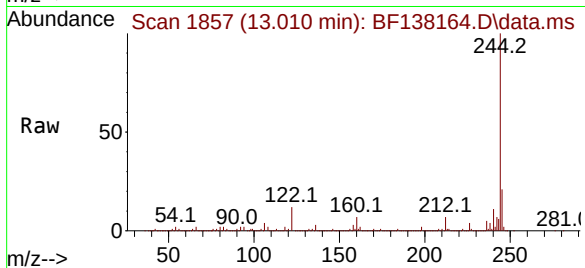
Tgt Ion:244 Resp: 2445925

Ion Ratio Lower Upper

244 100

212 6.8 6.4 9.6

122 11.9 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2287

Delta R.T. -0.006 min

Lab File: BF138164.D

Acq: 07 Jun 2024 17:05

Tgt Ion:264 Resp: 507685

Ion Ratio Lower Upper

264 100

260 24.7 19.4 29.2

265 22.3 17.1 25.7

