

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091424\
 Data File : BF139374.D
 Acq On : 14 Sep 2024 18:05
 Operator : RC/JU
 Sample : P3989-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Sep 16 01:58:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	64507	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	235496	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	131620	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	230431	20.000	ng	0.00
76) Chrysene-d12	14.027	240	106306	20.000	ng	0.00
86) Perylene-d12	15.498	264	117802	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	465714	117.777	ng	0.02
7) Phenol-d6	6.504	99	557664	107.446	ng	0.00
23) Nitrobenzene-d5	7.440	82	459773	91.783	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	180696	128.953	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	855619	91.173	ng	0.00
79) Terphenyl-d14	12.980	244	703728	108.657	ng	0.00

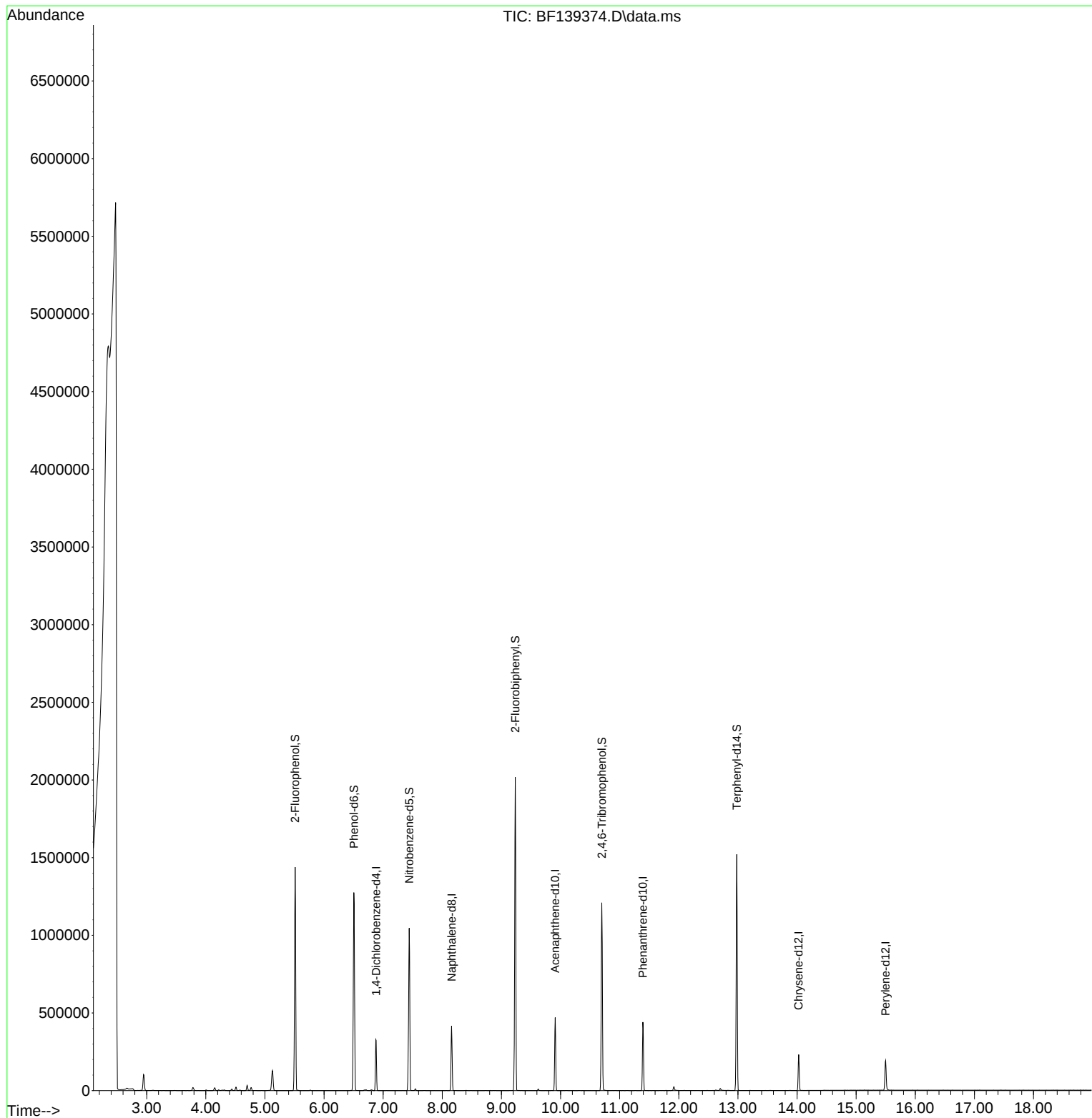
Target Compounds	Qvalue

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

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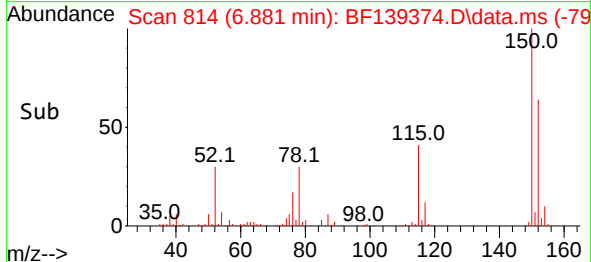
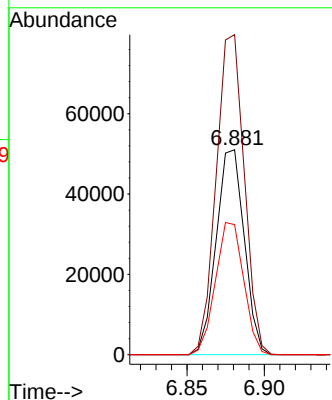
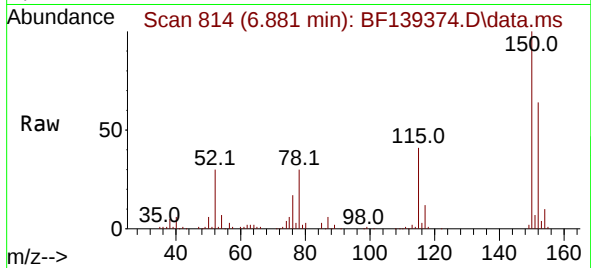




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139374.D
Acq: 14 Sep 2024 18:05

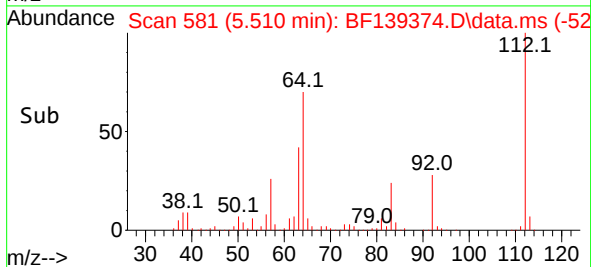
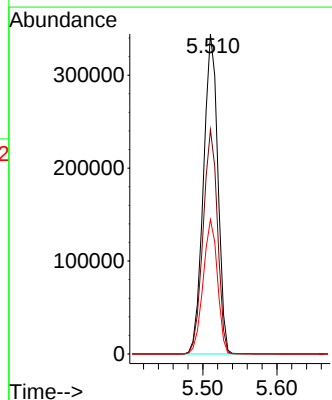
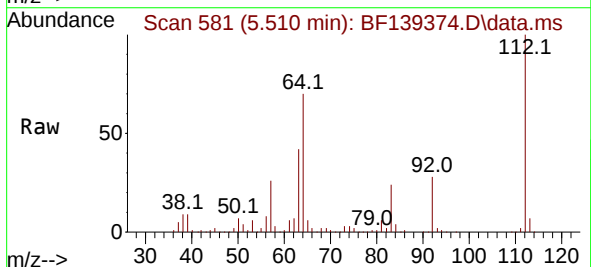
Instrument :
BNA_F
ClientSampleId :
TP-2

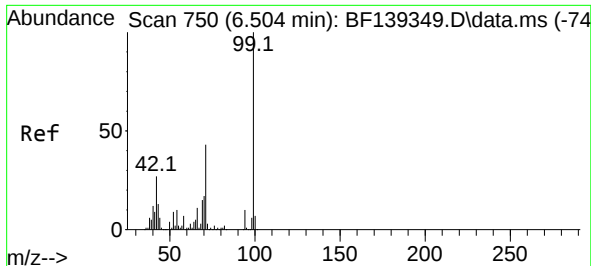
Tgt Ion:152 Resp: 64507
Ion Ratio Lower Upper
152 100
150 156.1 124.1 186.1
115 63.5 48.1 72.1



#5
2-Fluorophenol
Concen: 117.777 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.017 min
Lab File: BF139374.D
Acq: 14 Sep 2024 18:05

Tgt Ion:112 Resp: 465714
Ion Ratio Lower Upper
112 100
64 70.1 54.8 82.2
63 42.0 33.0 49.4



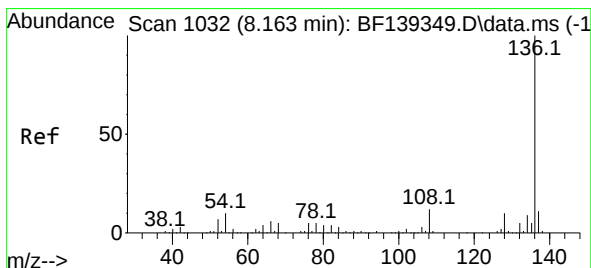
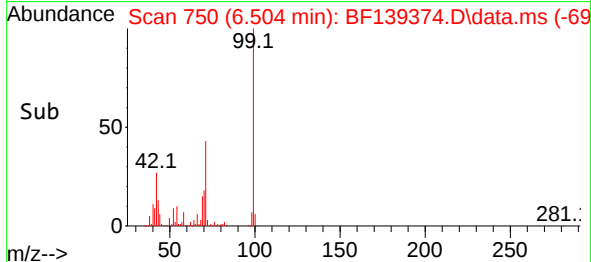
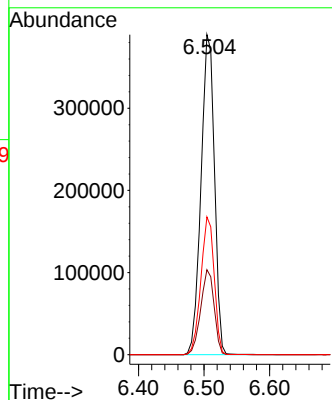
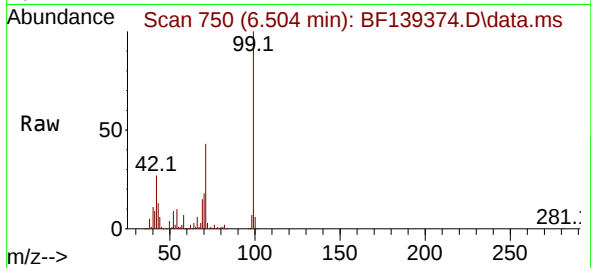


#7
Phenol-d6
Concen: 107.446 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139374.D
Acq: 14 Sep 2024 18:05

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion: 99 Resp: 557664

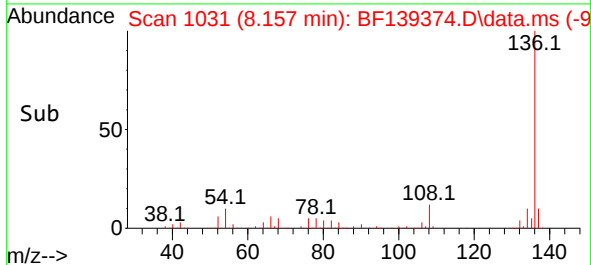
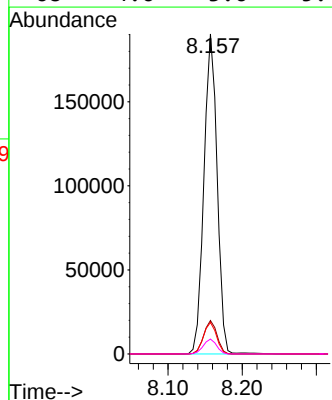
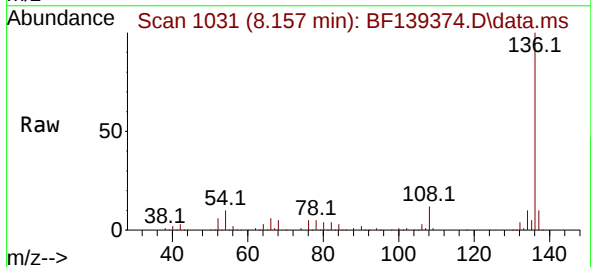
Ion	Ratio	Lower	Upper
99	100		
42	26.5	21.9	32.9
71	43.1	34.6	52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139374.D
Acq: 14 Sep 2024 18:05

Tgt Ion: 136 Resp: 235496

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	12.8
54	9.9	7.8	11.8
68	4.6	3.6	5.4





#23

Nitrobenzene-d5

Concen: 91.783 ng

RT: 7.440 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139374.D

Acq: 14 Sep 2024 18:05

Instrument :

BNA_F

ClientSampleId :

TP-2

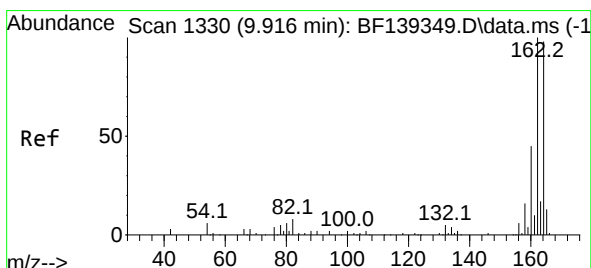
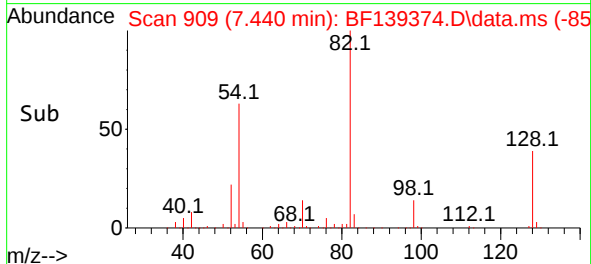
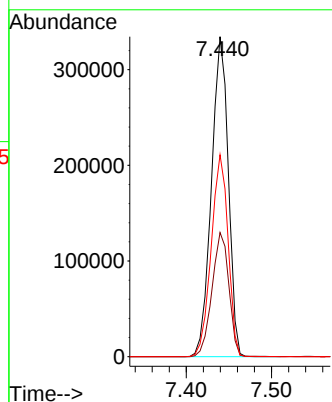
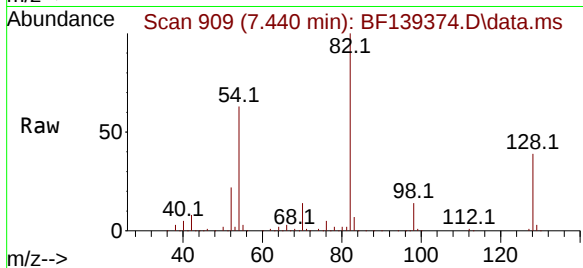
Tgt Ion: 82 Resp: 459773

Ion Ratio Lower Upper

82 100

128 38.8 31.8 47.6

54 63.1 50.6 75.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF139374.D

Acq: 14 Sep 2024 18:05

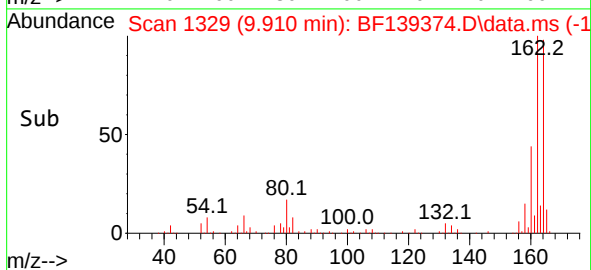
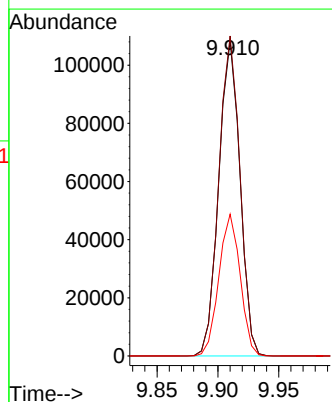
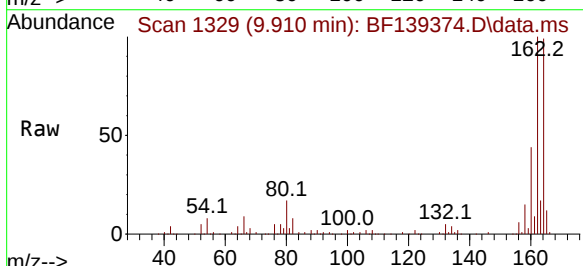
Tgt Ion:164 Resp: 131620

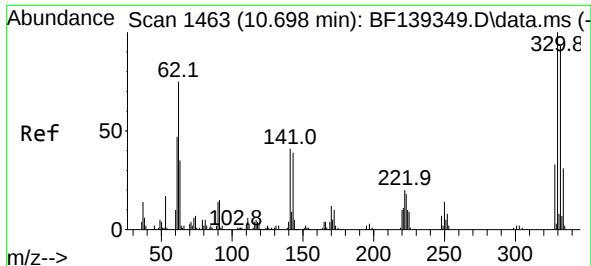
Ion Ratio Lower Upper

164 100

162 101.5 81.3 121.9

160 45.0 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 128.953 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139374.D

Acq: 14 Sep 2024 18:05

Instrument :

BNA_F

ClientSampleId :

TP-2

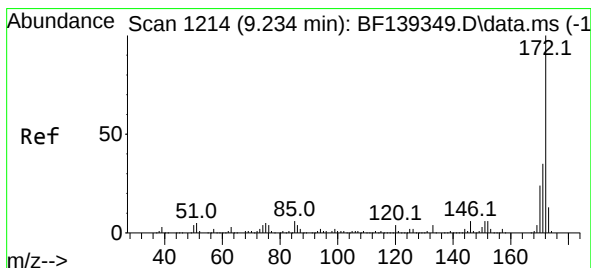
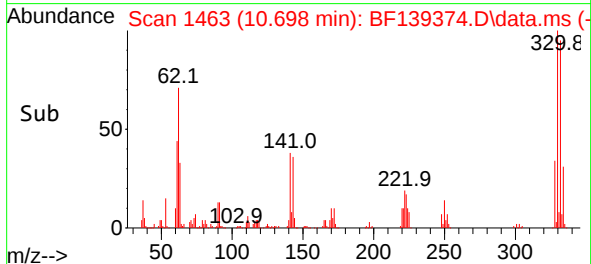
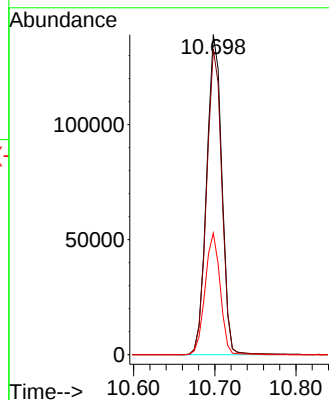
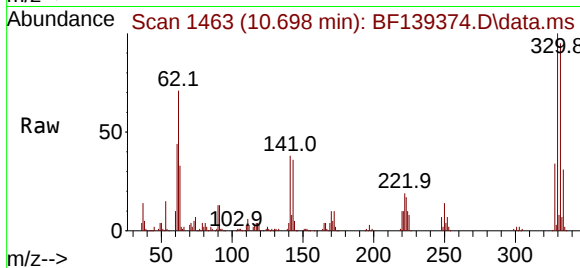
Tgt Ion:330 Resp: 180696

Ion Ratio Lower Upper

330 100

332 95.4 75.2 112.8

141 37.7 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 91.173 ng

RT: 9.234 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139374.D

Acq: 14 Sep 2024 18:05

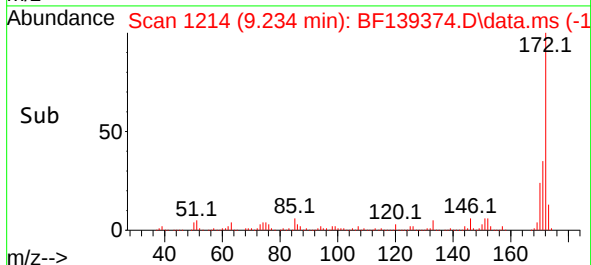
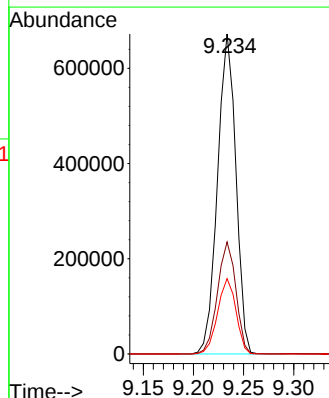
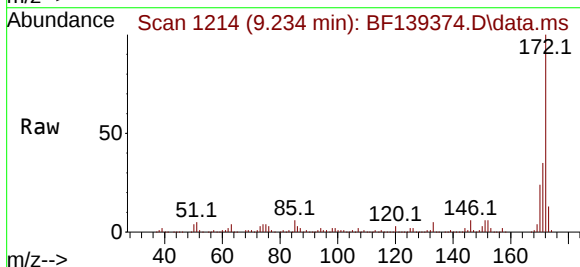
Tgt Ion:172 Resp: 855619

Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.6 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139374.D

Acq: 14 Sep 2024 18:05

Instrument :

BNA_F

ClientSampleId :

TP-2

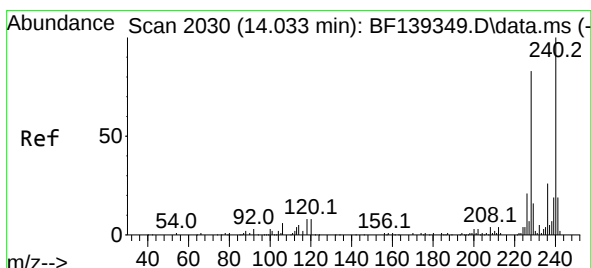
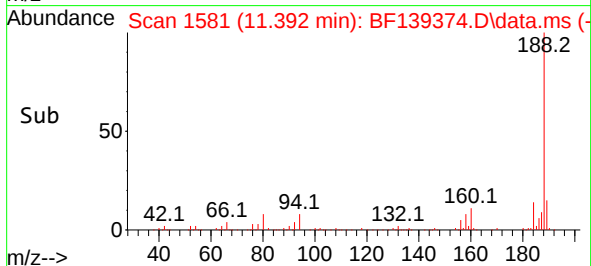
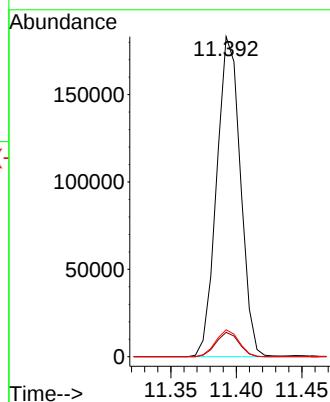
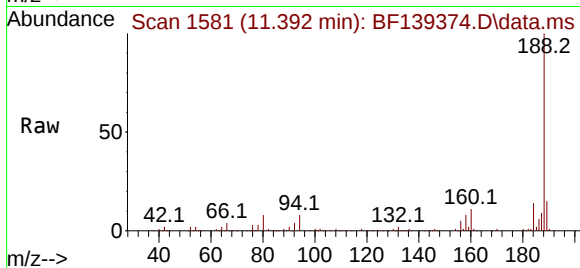
Tgt Ion:188 Resp: 230431

Ion Ratio Lower Upper

188 100

94 7.6 5.5 8.3

80 8.4 6.6 9.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF139374.D

Acq: 14 Sep 2024 18:05

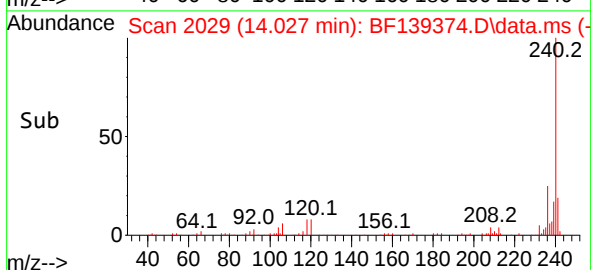
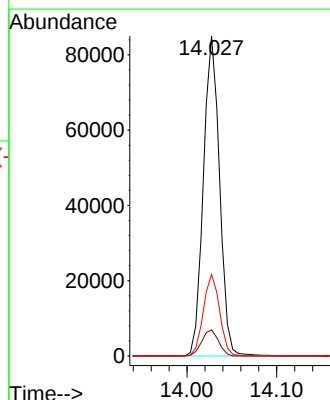
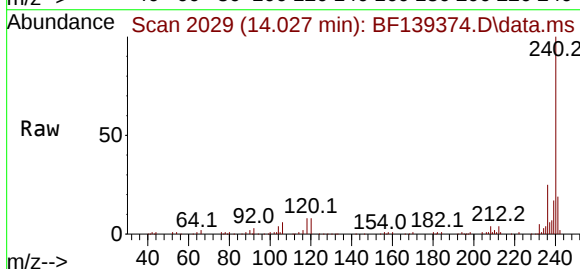
Tgt Ion:240 Resp: 106306

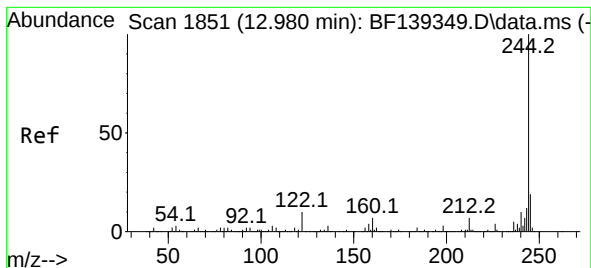
Ion Ratio Lower Upper

240 100

120 8.1 6.2 9.2

236 25.5 20.9 31.3





#79

Terphenyl-d14

Concen: 108.657 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139374.D

Acq: 14 Sep 2024 18:05

Instrument :

BNA_F

ClientSampleId :

TP-2

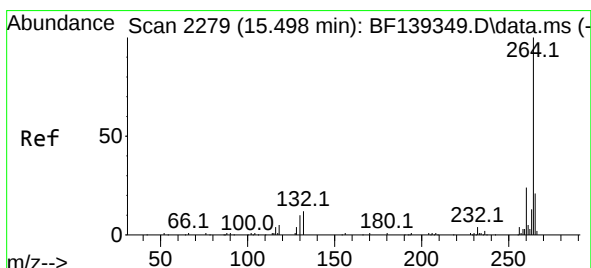
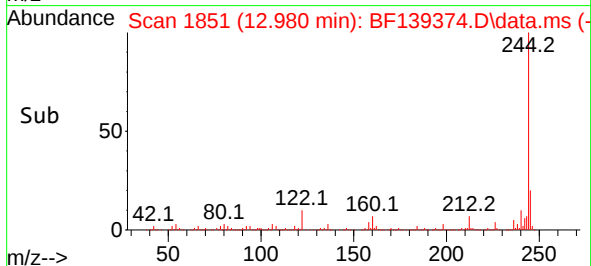
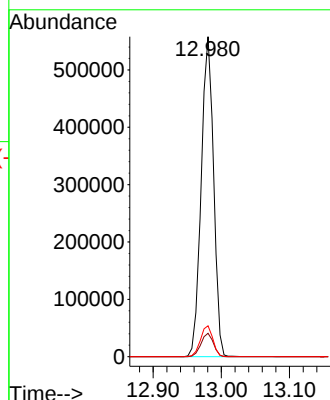
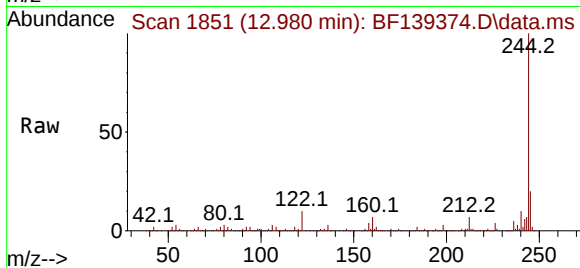
Tgt Ion:244 Resp: 703728

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 9.6 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2279

Delta R.T. -0.000 min

Lab File: BF139374.D

Acq: 14 Sep 2024 18:05

Tgt Ion:264 Resp: 117802

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 21.0 16.6 25.0

