

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091424\
 Data File : BF139358.D
 Acq On : 14 Sep 2024 09:58
 Operator : RC/JU
 Sample : PB163293BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163293BL

Quant Time: Sep 16 01:50:39 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	6.875	152	79463	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	299670	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	168574	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	326160	20.000	ng	0.00
76) Chrysene-d12	14.027	240	219748	20.000	ng	0.00
86) Perylene-d12	15.498	264	181316	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	588588	120.835	ng	0.01
7) Phenol-d6	6.504	99	767084	119.978	ng	0.00
23) Nitrobenzene-d5	7.440	82	521097	81.748	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	212756	118.549	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	992284	82.557	ng	0.00
79) Terphenyl-d14	12.986	244	1143742	85.431	ng	0.00

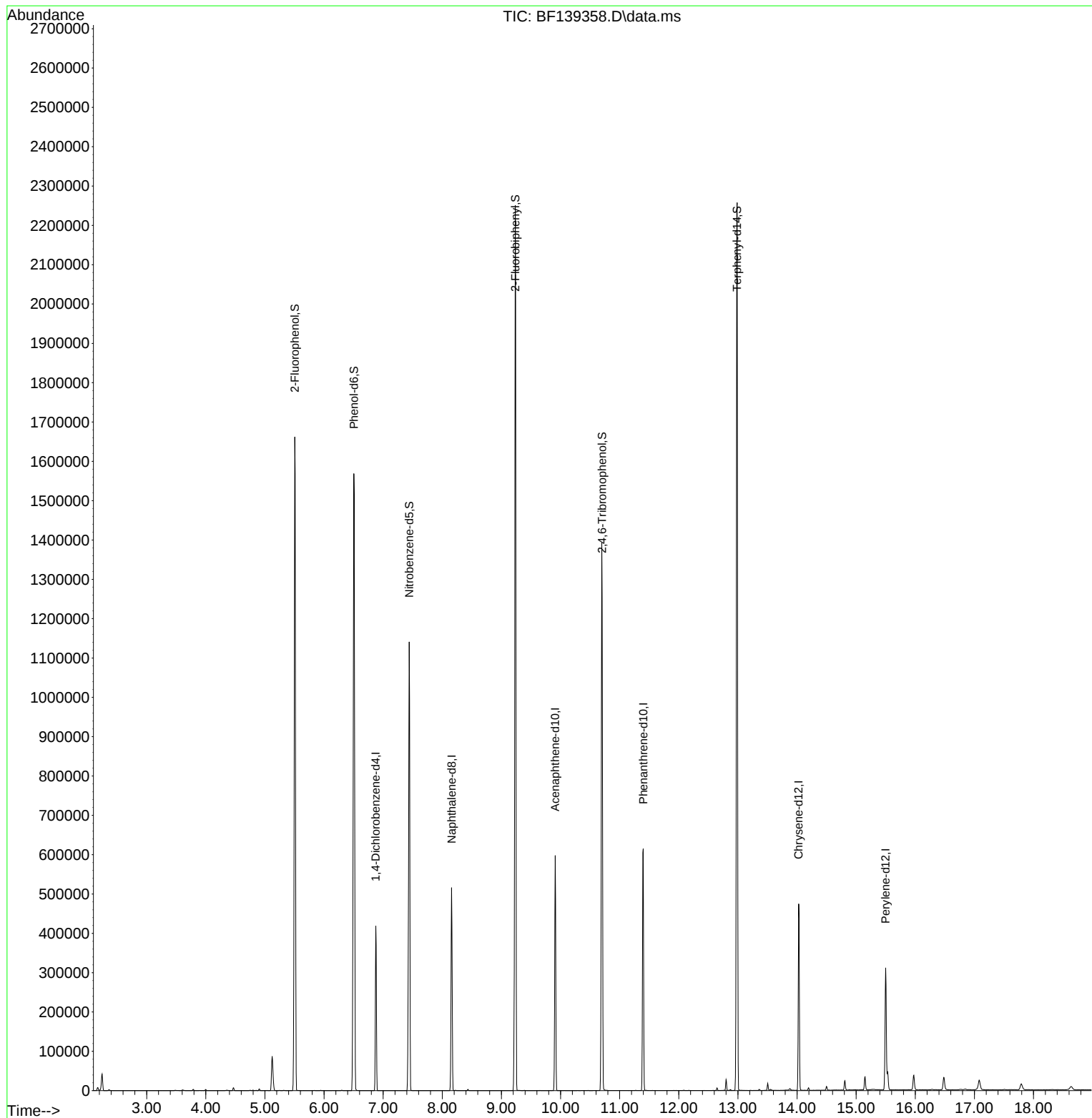
Target Compounds	Qvalue

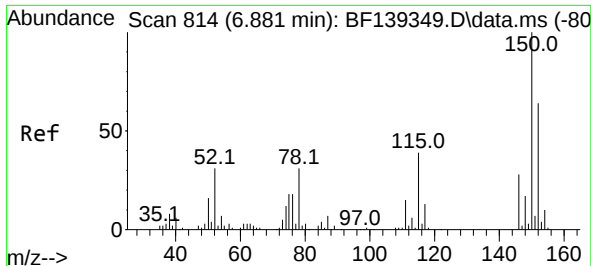
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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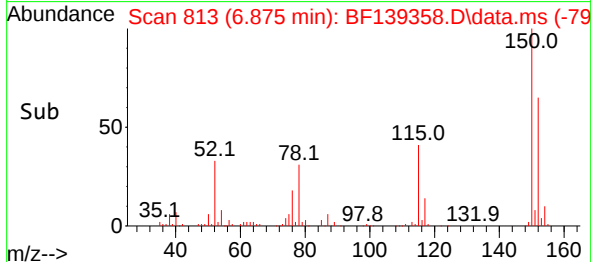
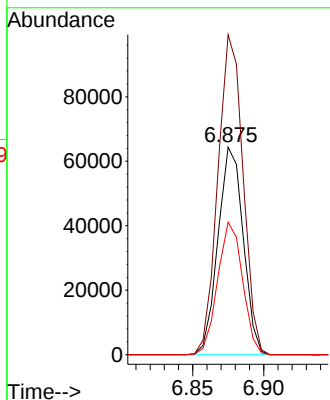
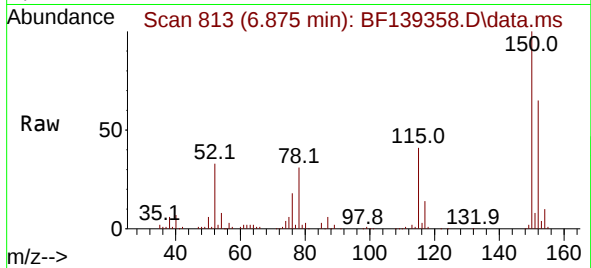




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139358.D
Acq: 14 Sep 2024 09:58

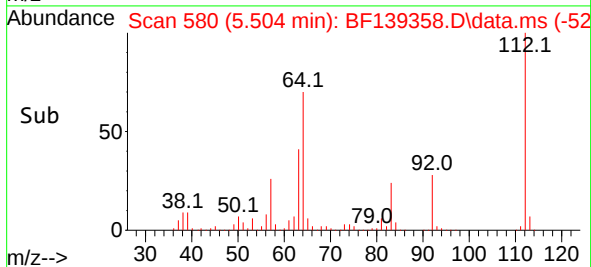
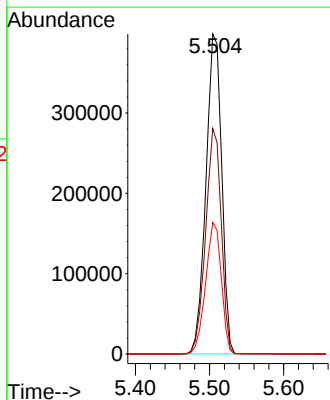
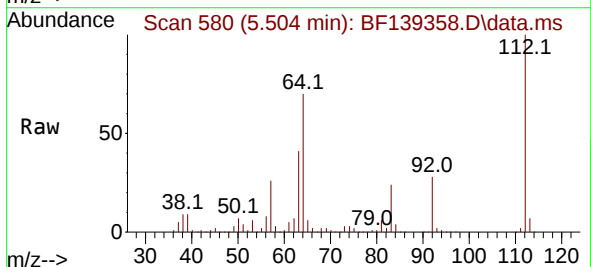
Instrument :
BNA_F
ClientSampleId :
PB163293BL

Tgt Ion:152 Resp: 79463
Ion Ratio Lower Upper
152 100
150 154.2 124.1 186.1
115 63.9 48.1 72.1



#5
2-Fluorophenol
Concen: 120.835 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.011 min
Lab File: BF139358.D
Acq: 14 Sep 2024 09:58

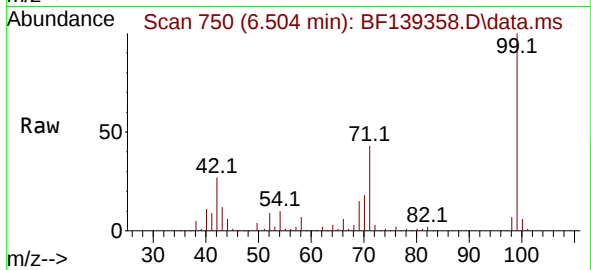
Tgt Ion:112 Resp: 588588
Ion Ratio Lower Upper
112 100
64 70.4 54.8 82.2
63 41.1 33.0 49.4





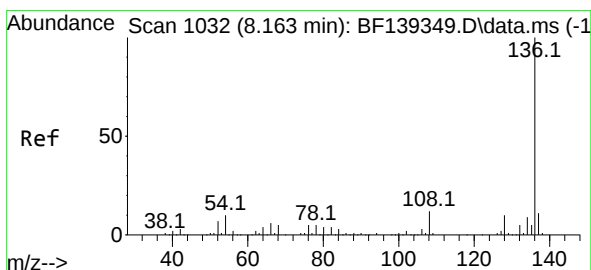
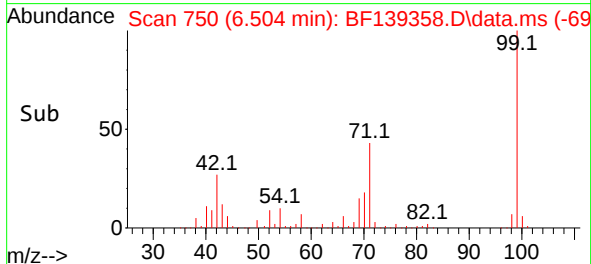
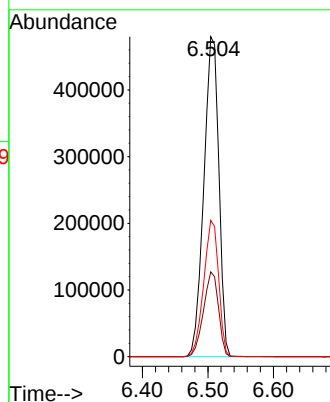
#7
Phenol-d6
Concen: 119.978 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139358.D
Acq: 14 Sep 2024 09:58

Instrument :
BNA_F
ClientSampleId :
PB163293BL



Tgt Ion: 99 Resp: 767084

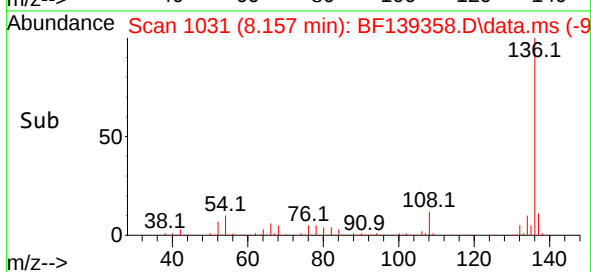
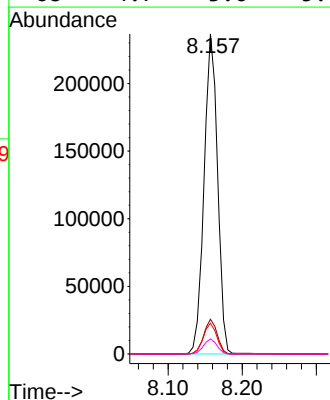
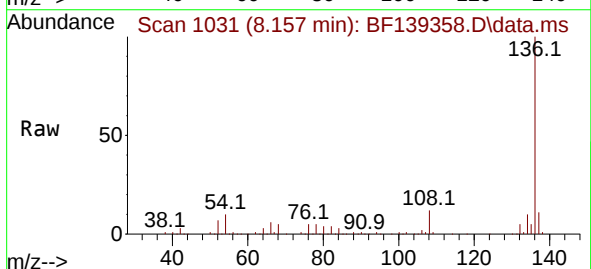
Ion	Ratio	Lower	Upper
99	100		
42	26.5	21.9	32.9
71	42.6	34.6	52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139358.D
Acq: 14 Sep 2024 09:58

Tgt Ion: 136 Resp: 299670

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.6	7.8	11.8
68	4.7	3.6	5.4

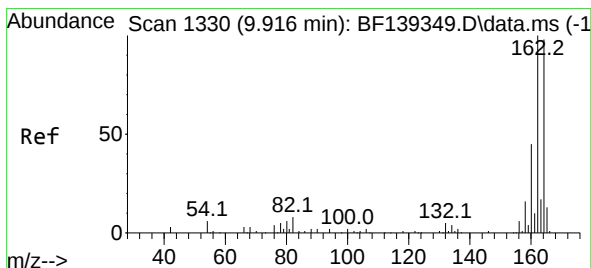
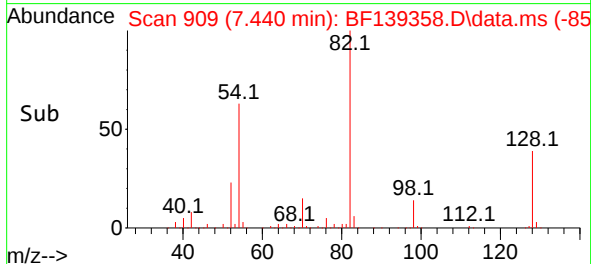
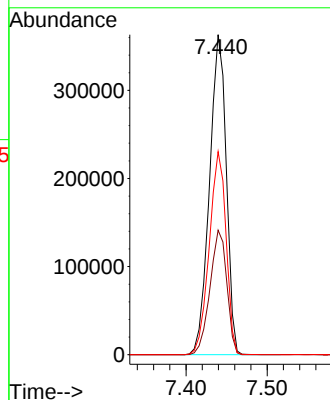
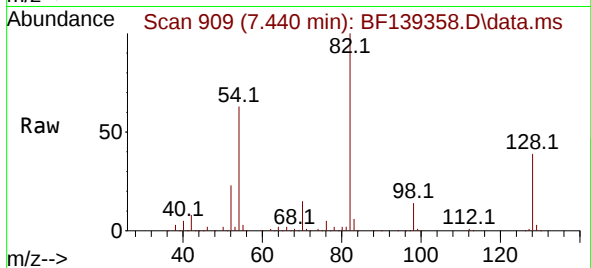




#23
Nitrobenzene-d5
Concen: 81.748 ng
RT: 7.440 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF139358.D
Acq: 14 Sep 2024 09:58

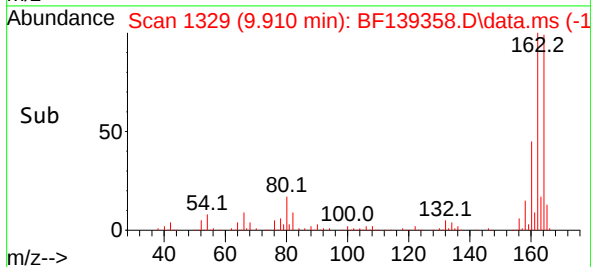
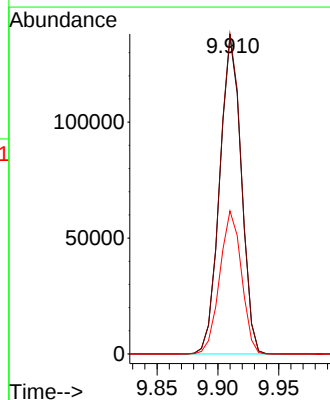
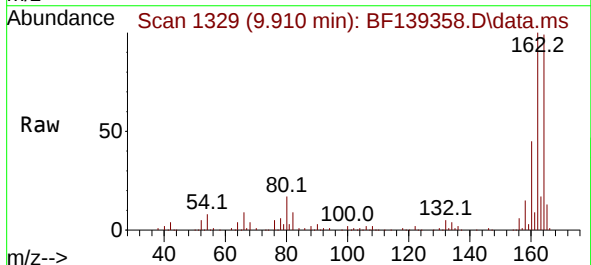
Instrument :
BNA_F
ClientSampleId :
PB163293BL

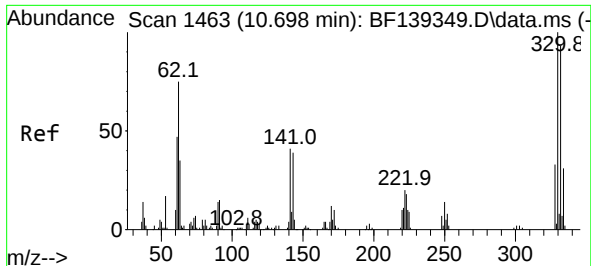
Tgt Ion: 82 Resp: 521097
Ion Ratio Lower Upper
82 100
128 38.9 31.8 47.6
54 63.5 50.6 75.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139358.D
Acq: 14 Sep 2024 09:58

Tgt Ion:164 Resp: 168574
Ion Ratio Lower Upper
164 100
162 100.9 81.3 121.9
160 45.1 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 118.549 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.006 min

Lab File: BF139358.D

Acq: 14 Sep 2024 09:58

Instrument :

BNA_F

ClientSampleId :

PB163293BL

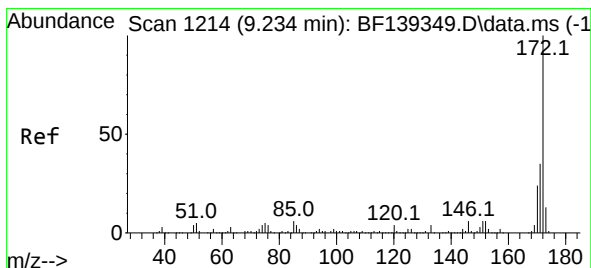
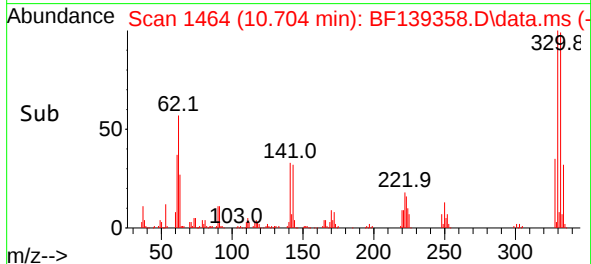
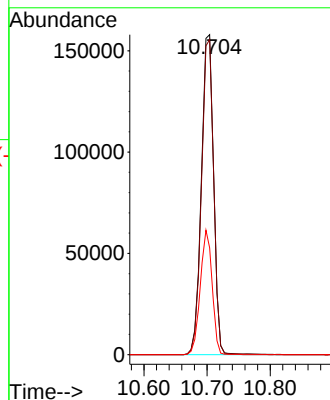
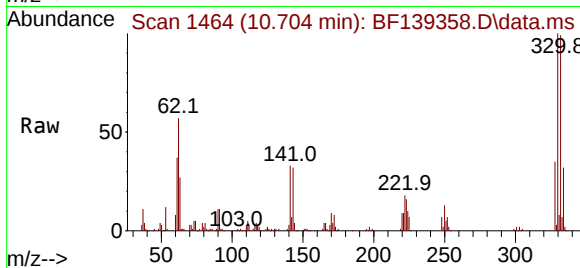
Tgt Ion:330 Resp: 212756

Ion Ratio Lower Upper

330 100

332 97.6 75.2 112.8

141 37.7 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 82.557 ng

RT: 9.234 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139358.D

Acq: 14 Sep 2024 09:58

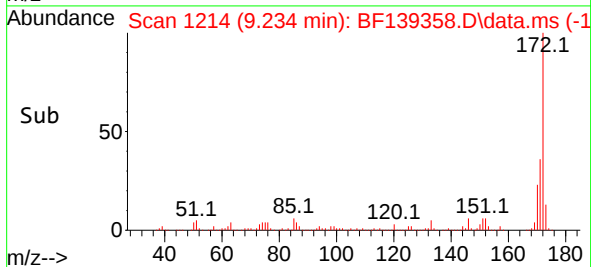
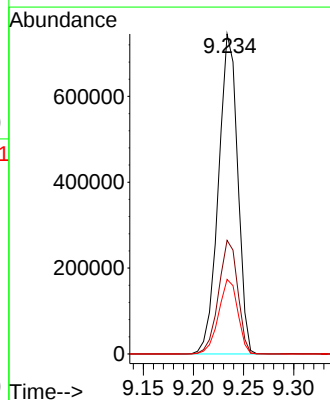
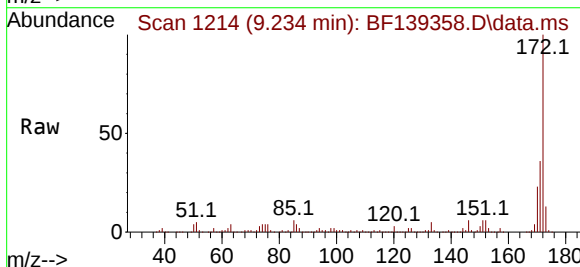
Tgt Ion:172 Resp: 992284

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.3 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139358.D

Acq: 14 Sep 2024 09:58

Instrument :

BNA_F

ClientSampleId :

PB163293BL

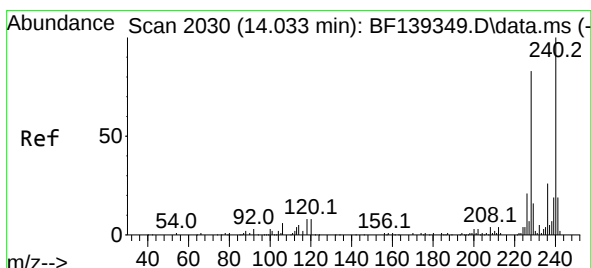
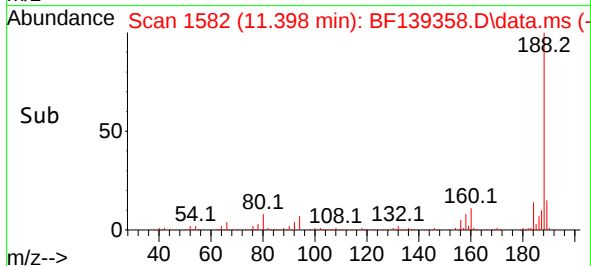
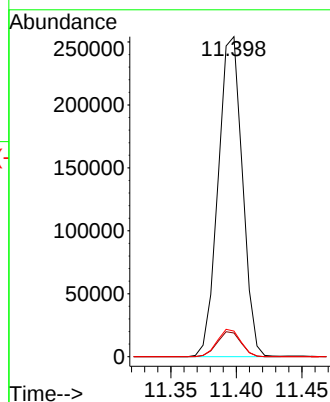
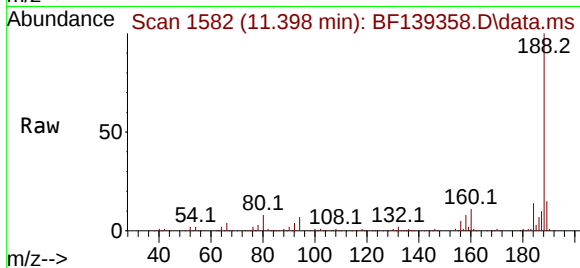
Tgt Ion:188 Resp: 326160

Ion Ratio Lower Upper

188 100

94 7.4 5.5 8.3

80 8.0 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: BF139358.D

Acq: 14 Sep 2024 09:58

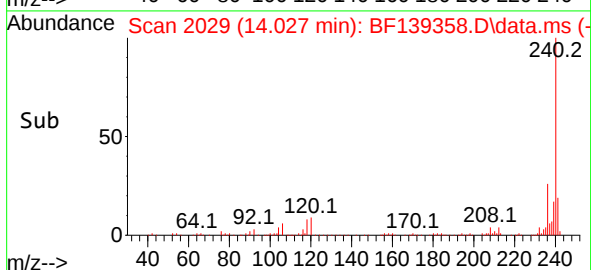
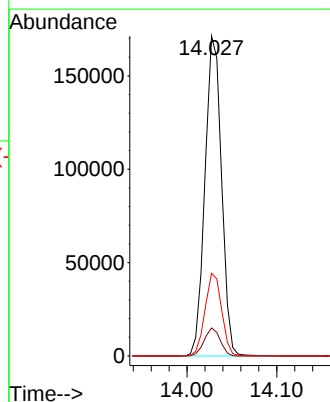
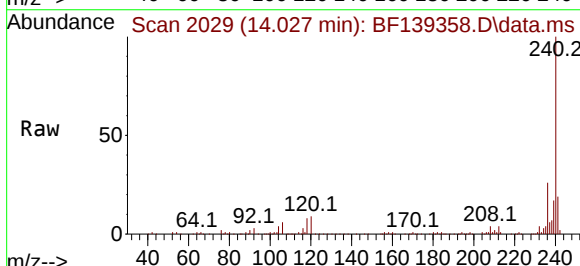
Tgt Ion:240 Resp: 219748

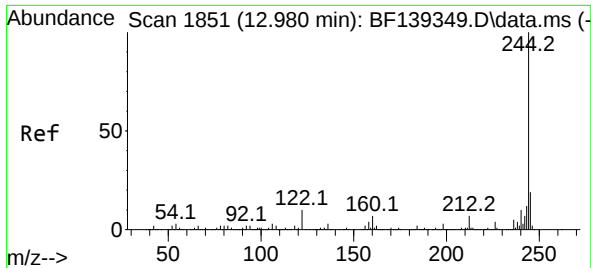
Ion Ratio Lower Upper

240 100

120 8.7 6.2 9.2

236 25.8 20.9 31.3

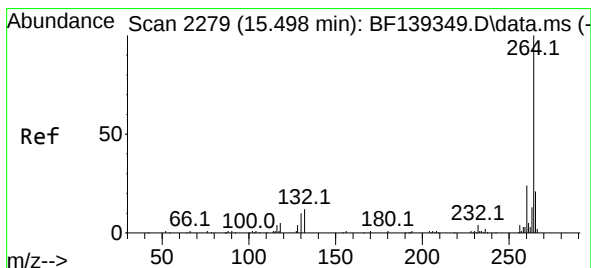
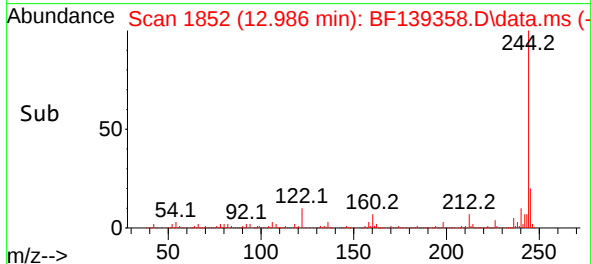
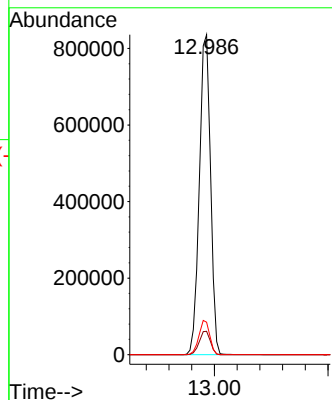
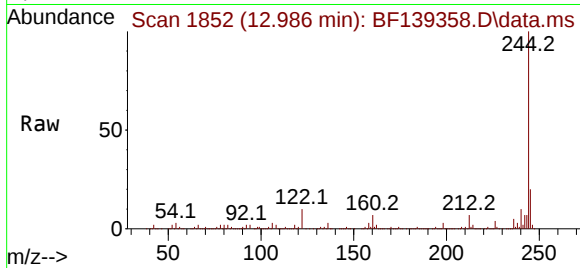




#79
 Terphenyl-d14
 Concen: 85.431 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. 0.006 min
 Lab File: BF139358.D
 Acq: 14 Sep 2024 09:58

Instrument :
 BNA_F
 ClientSampleId :
 PB163293BL

Tgt Ion:244 Resp: 1143742
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 10.2 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: BF139358.D
 Acq: 14 Sep 2024 09:58

Tgt Ion:264 Resp: 181316
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.0 16.6 25.0

