

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139922.D
 Acq On : 22 Oct 2024 12:03
 Operator : RC/JU
 Sample : PB164176BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164176BL

Quant Time: Oct 22 12:33:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	162938	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	637514	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	364122	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	656273	20.000	ng	0.00
76) Chrysene-d12	14.051	240	410355	20.000	ng	0.00
86) Perylene-d12	15.527	264	318222	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1303817	125.269	ng	0.02
7) Phenol-d6	6.510	99	1648727	122.307	ng	0.00
23) Nitrobenzene-d5	7.445	82	1061547	92.288	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	478872	140.601	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1900920	86.280	ng	0.00
79) Terphenyl-d14	13.004	244	2153243	85.503	ng	0.00

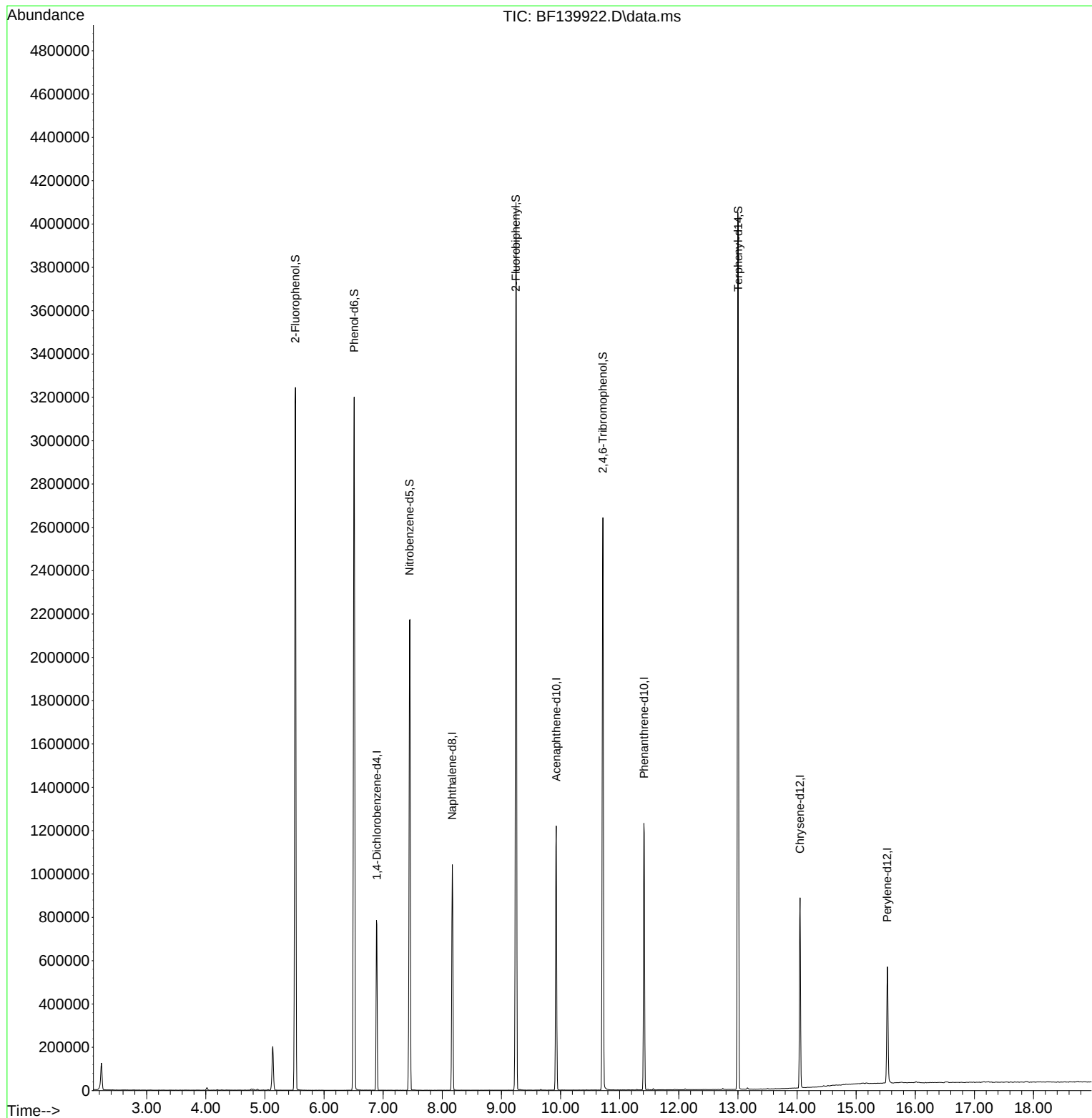
Target Compounds	Qvalue

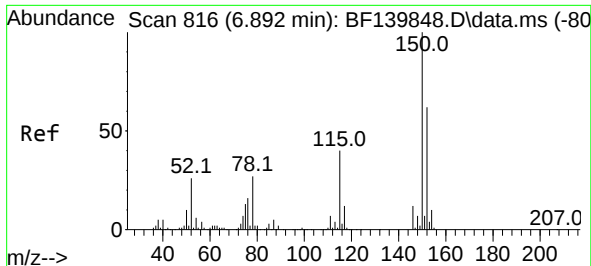
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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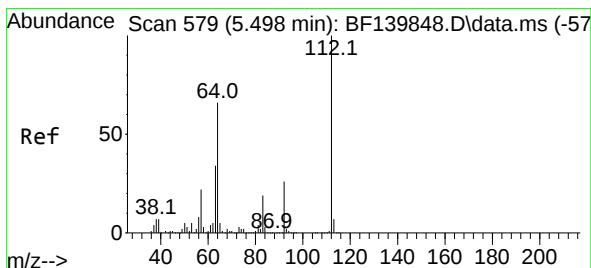
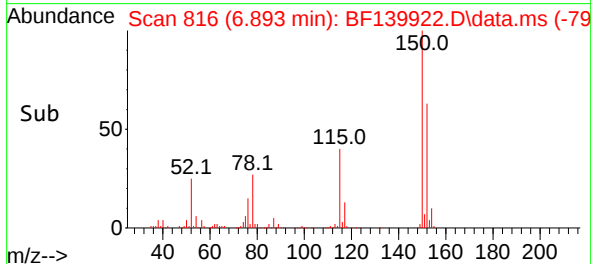
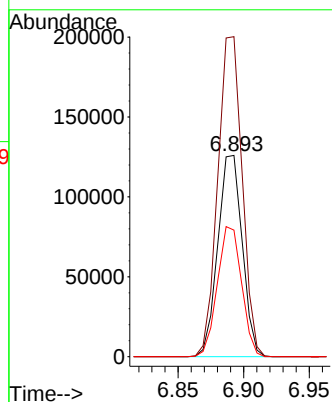
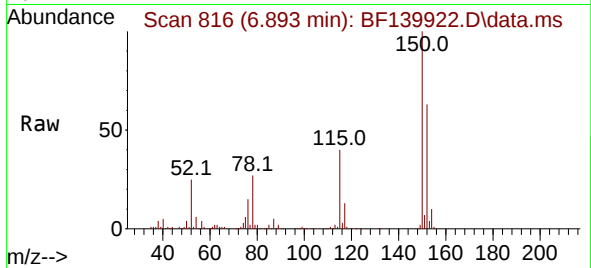




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139922.D
Acq: 22 Oct 2024 12:03

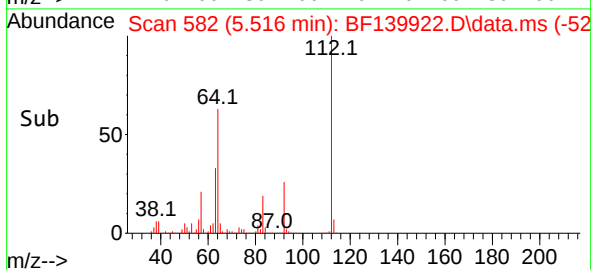
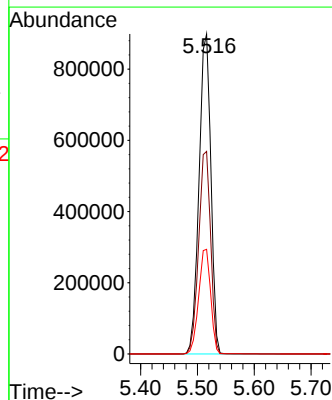
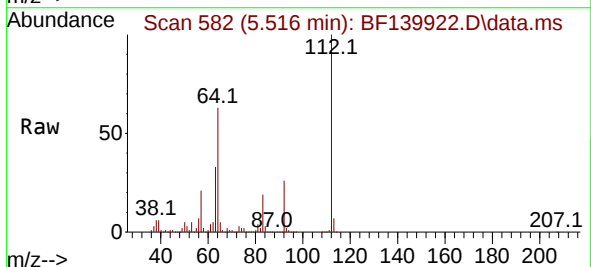
Instrument :
BNA_F
ClientSampleId :
PB164176BL

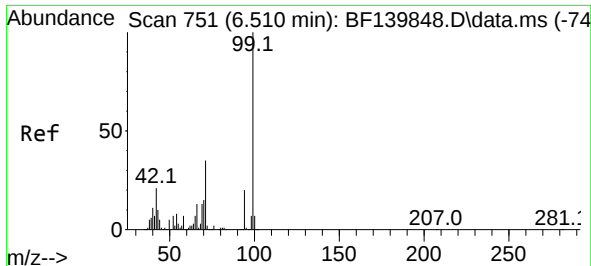
Tgt Ion:152 Resp: 162938
Ion Ratio Lower Upper
152 100
150 159.0 130.2 195.2
115 62.9 51.4 77.2



#5
2-Fluorophenol
Concen: 125.269 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139922.D
Acq: 22 Oct 2024 12:03

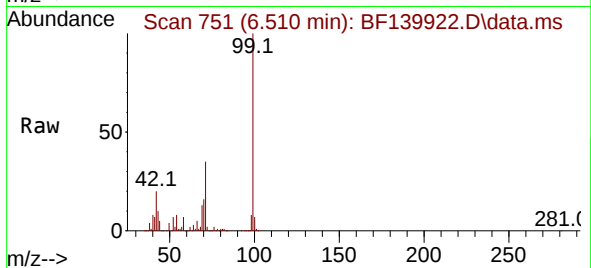
Tgt Ion:112 Resp: 1303817
Ion Ratio Lower Upper
112 100
64 63.3 53.0 79.6
63 32.7 27.0 40.4





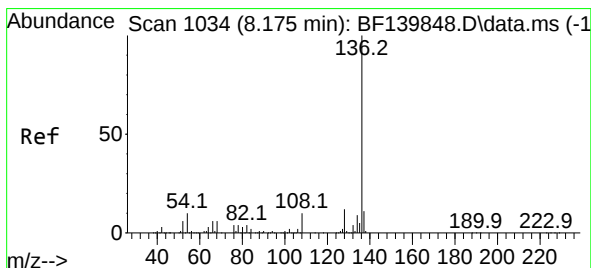
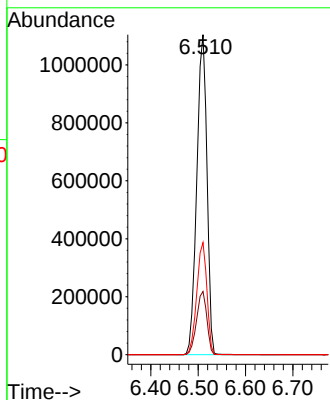
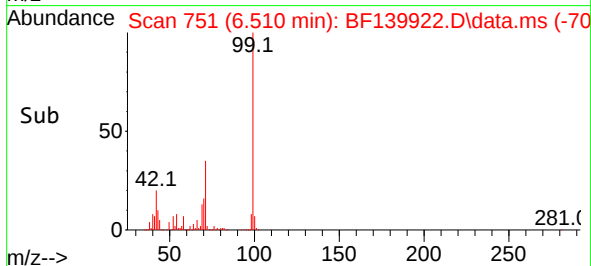
#7
Phenol-d6
Concen: 122.307 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139922.D
Acq: 22 Oct 2024 12:03

Instrument :
BNA_F
ClientSampleId :
PB164176BL

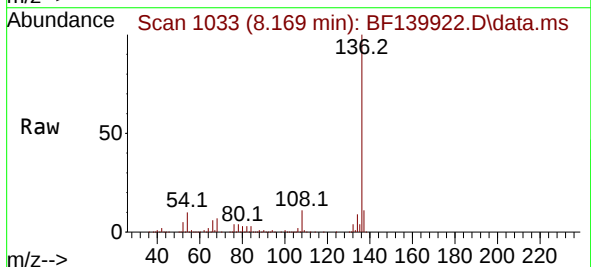


Tgt Ion: 99 Resp: 1648727

Ion	Ratio	Lower	Upper
99	100		
42	19.8	16.7	25.1
71	35.0	27.7	41.5

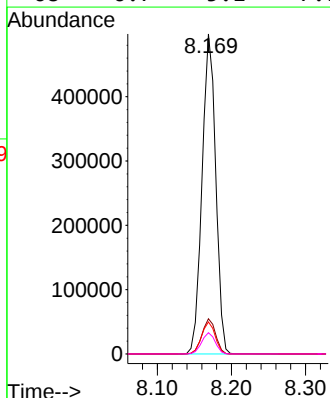
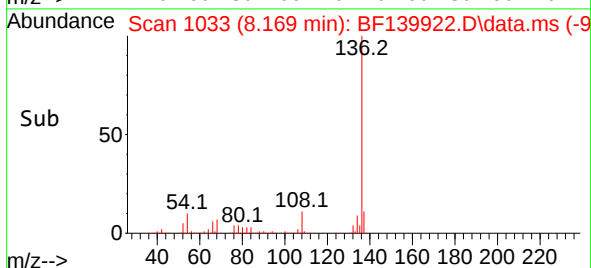


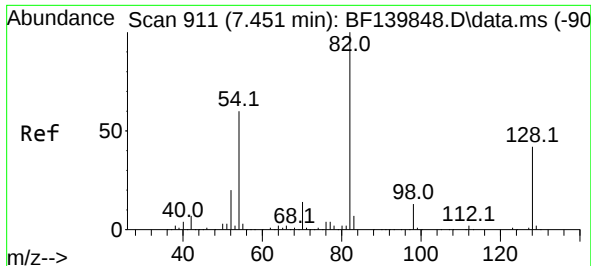
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139922.D
Acq: 22 Oct 2024 12:03



Tgt Ion: 136 Resp: 637514

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	10.0	8.4	12.6
68	6.7	5.1	7.7





#23

Nitrobenzene-d5

Concen: 92.288 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139922.D

Acq: 22 Oct 2024 12:03

Instrument :

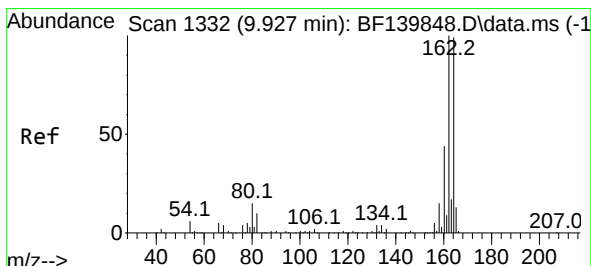
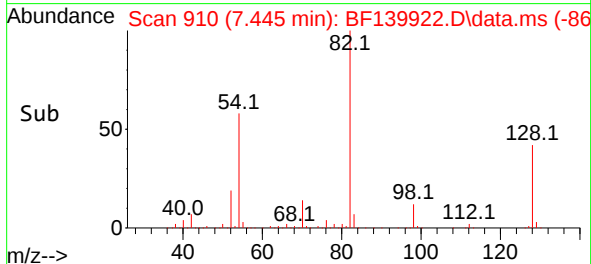
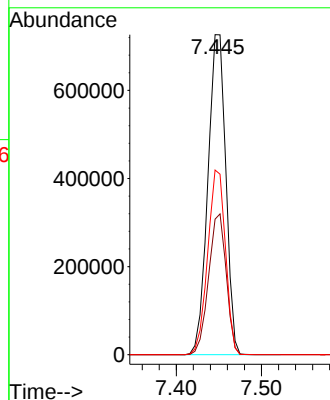
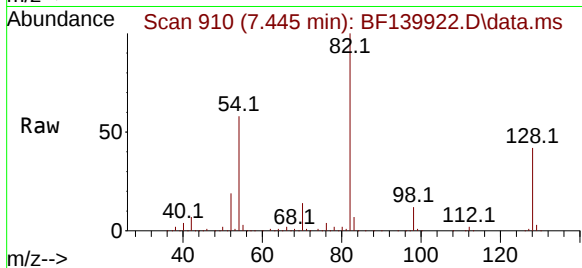
BNA_F

ClientSampleId :

PB164176BL

Tgt Ion: 82 Resp: 1061547

Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.4	50.0
54	57.7	47.8	71.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1332

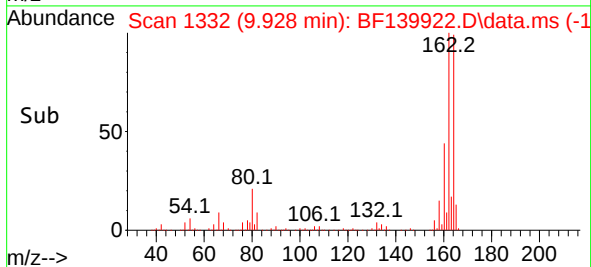
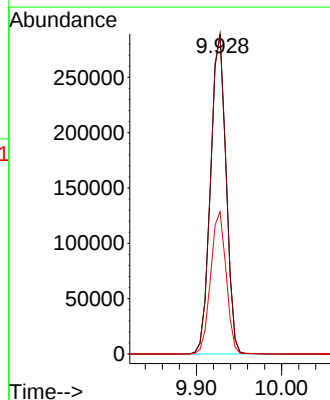
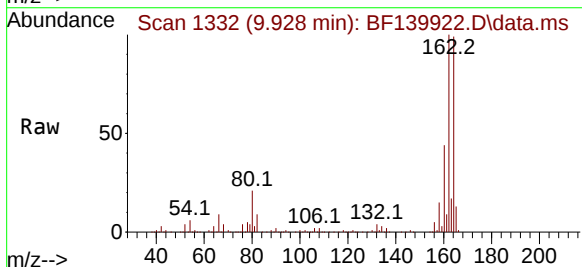
Delta R.T. 0.001 min

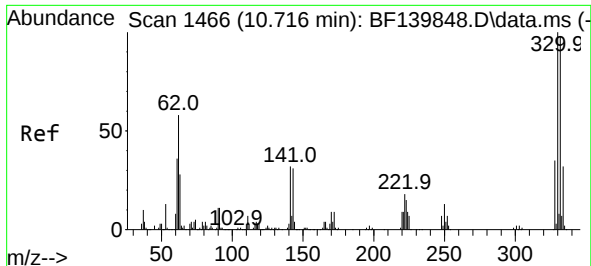
Lab File: BF139922.D

Acq: 22 Oct 2024 12:03

Tgt Ion:164 Resp: 364122

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.0	121.4
160	44.7	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 140.601 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF139922.D

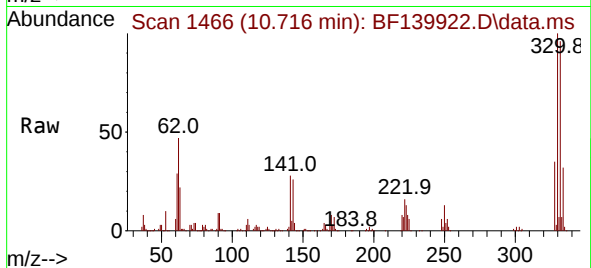
Acq: 22 Oct 2024 12:03

Instrument :

BNA_F

ClientSampleId :

PB164176BL



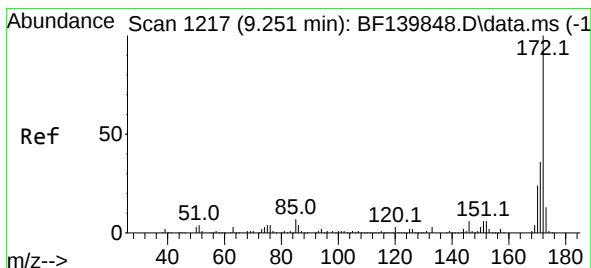
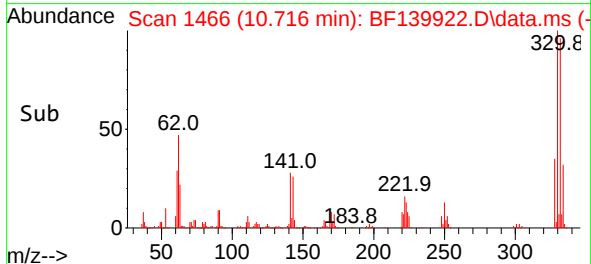
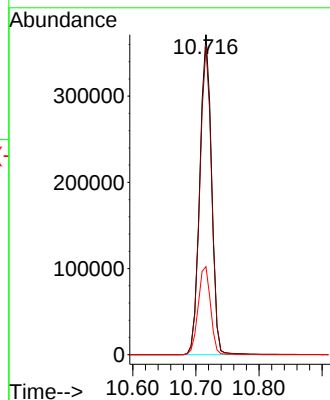
Tgt Ion:330 Resp: 478872

Ion Ratio Lower Upper

330 100

332 96.8 78.1 117.1

141 28.9 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 86.280 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139922.D

Acq: 22 Oct 2024 12:03

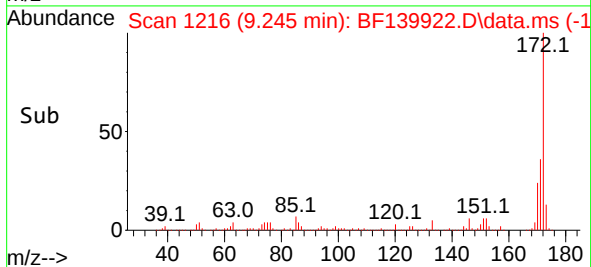
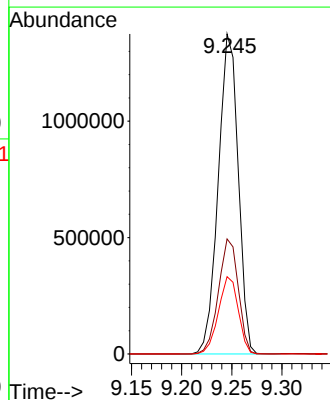
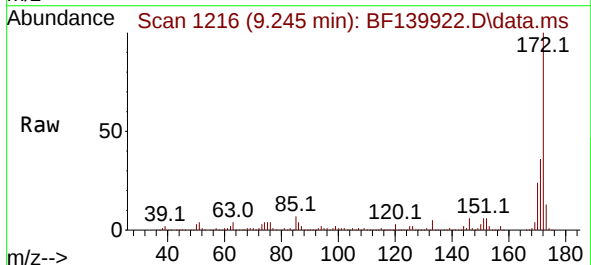
Tgt Ion:172 Resp: 1900920

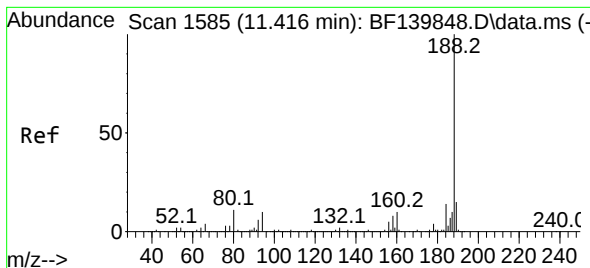
Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

170 24.2 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139922.D

Acq: 22 Oct 2024 12:03

Instrument :

BNA_F

ClientSampleId :

PB164176BL

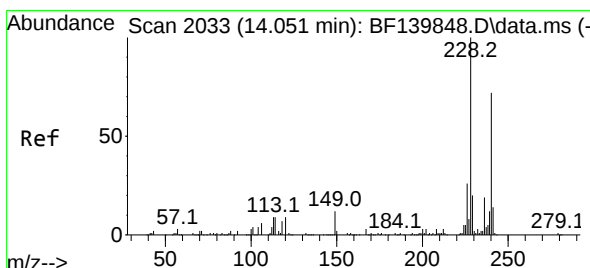
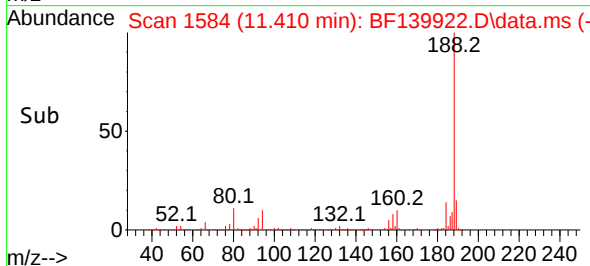
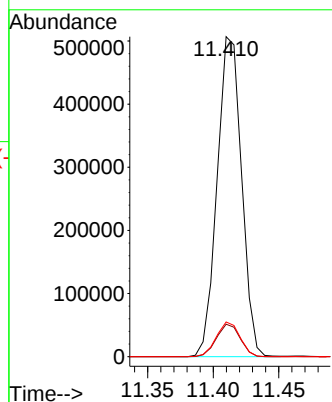
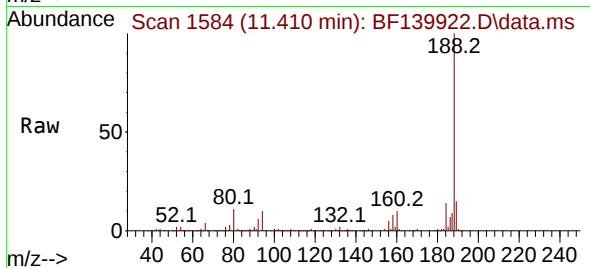
Tgt Ion:188 Resp: 656273

Ion Ratio Lower Upper

188 100

94 10.1 7.9 11.9

80 10.9 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF139922.D

Acq: 22 Oct 2024 12:03

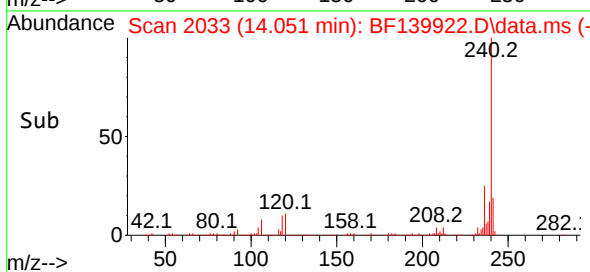
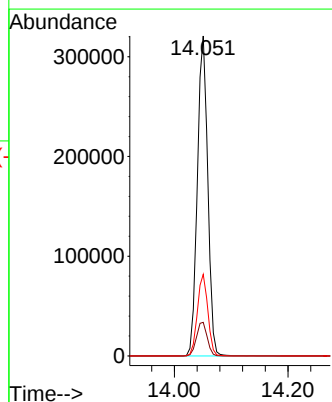
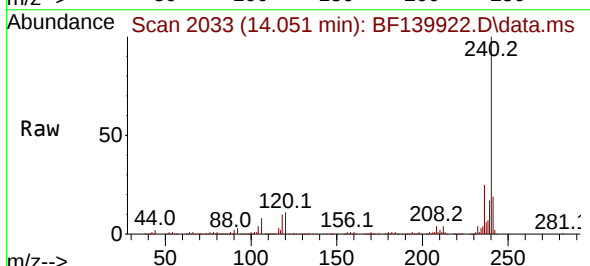
Tgt Ion:240 Resp: 410355

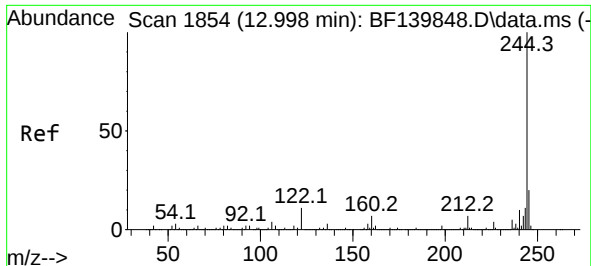
Ion Ratio Lower Upper

240 100

120 10.5 9.4 14.2

236 25.5 20.9 31.3

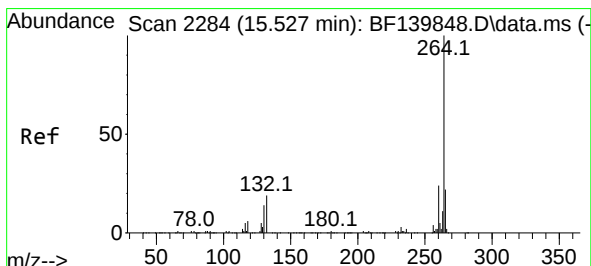
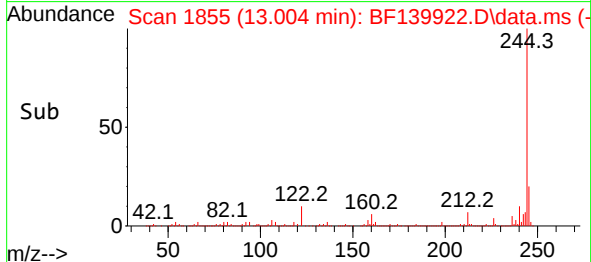
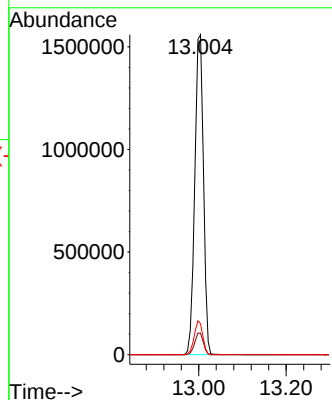
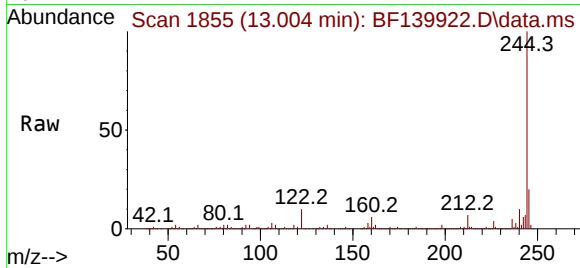




#79
 Terphenyl-d14
 Concen: 85.503 ng
 RT: 13.004 min Scan# 1855
 Delta R.T. 0.006 min
 Lab File: BF139922.D
 Acq: 22 Oct 2024 12:03

Instrument :
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Tgt Ion:244 Resp: 2153243
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 9.7 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: BF139922.D
 Acq: 22 Oct 2024 12:03

Tgt Ion:264 Resp: 318222
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 21.5 17.4 26.0

