

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
 Data File : BF139893.D
 Acq On : 21 Oct 2024 10:25
 Operator : RC/JU
 Sample : PB164123BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164123BL

Quant Time: Oct 21 11:07:33 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	167950	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	682521	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	387913	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	717487	20.000	ng	0.00
76) Chrysene-d12	14.051	240	434664	20.000	ng	0.00
86) Perylene-d12	15.527	264	327943	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1477979	137.765	ng	0.02
7) Phenol-d6	6.510	99	1885243	135.679	ng	0.00
23) Nitrobenzene-d5	7.451	82	1193449	96.913	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	526130	145.003	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2140061	91.177	ng	0.00
79) Terphenyl-d14	13.004	244	2411993	90.421	ng	0.00

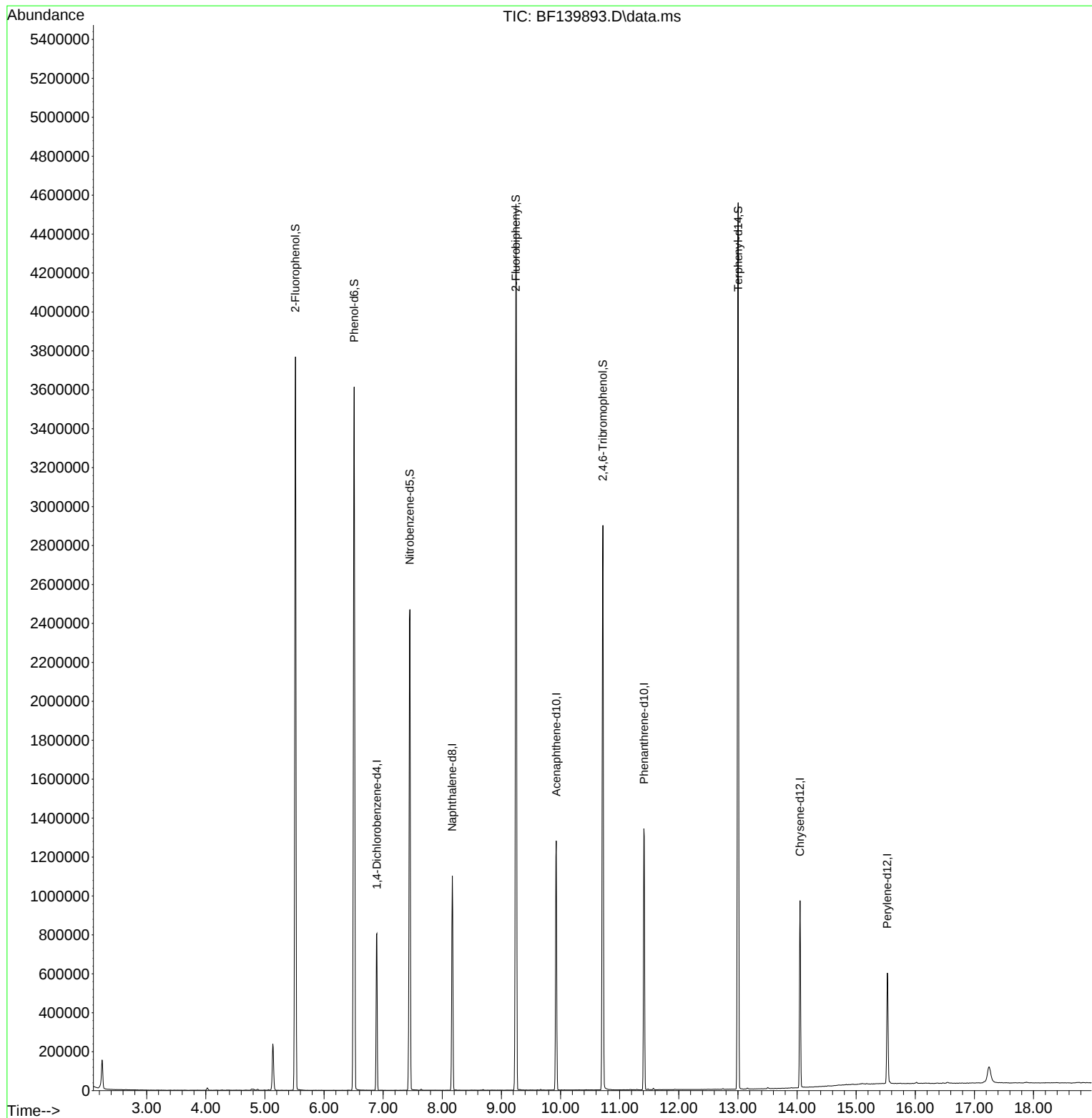
Target Compounds	Qvalue

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

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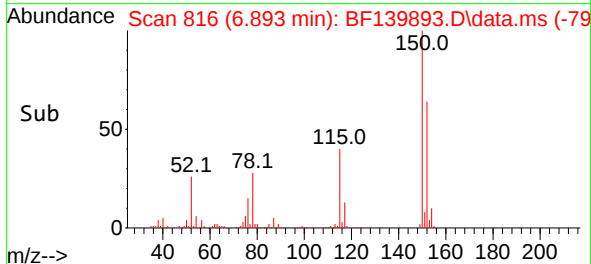
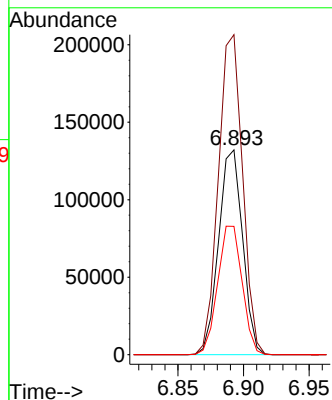
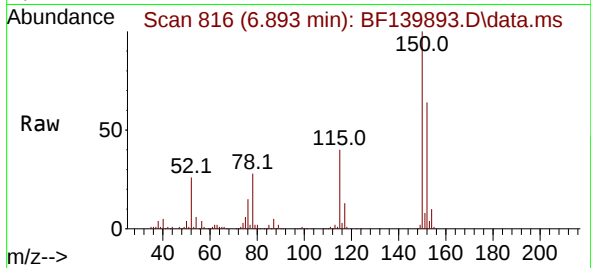




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF139893.D
Acq: 21 Oct 2024 10:25

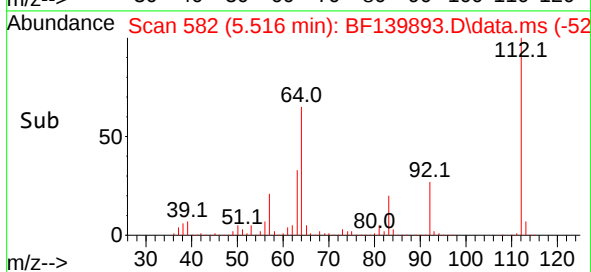
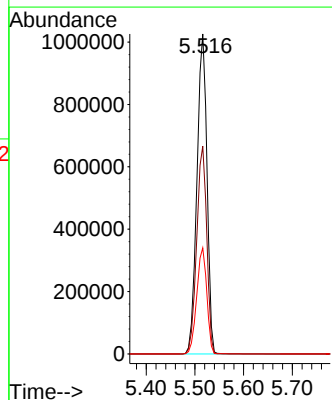
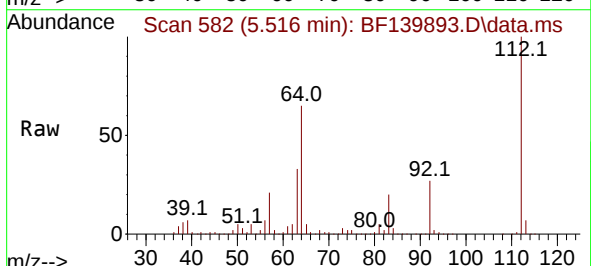
Instrument :
BNA_F
ClientSampleId :
PB164123BL

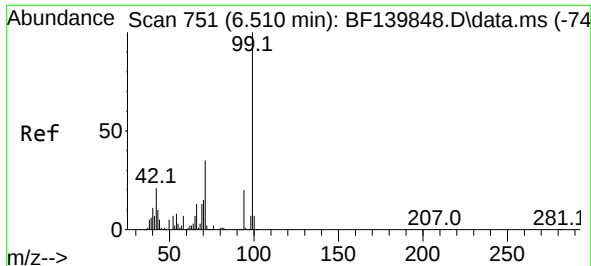
Tgt Ion:152 Resp: 167950
Ion Ratio Lower Upper
152 100
150 156.3 130.2 195.2
115 62.7 51.4 77.2



#5
2-Fluorophenol
Concen: 137.765 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139893.D
Acq: 21 Oct 2024 10:25

Tgt Ion:112 Resp: 1477979
Ion Ratio Lower Upper
112 100
64 64.9 53.0 79.6
63 33.2 27.0 40.4

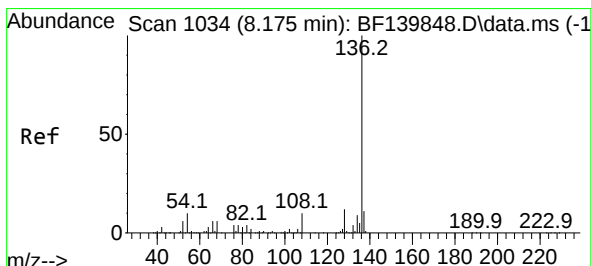
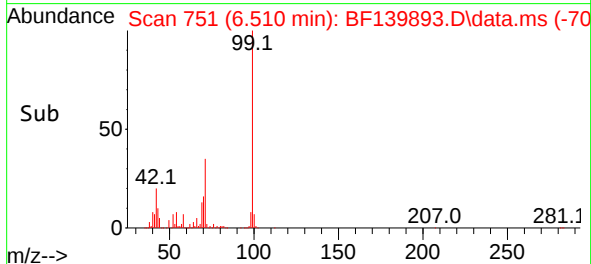
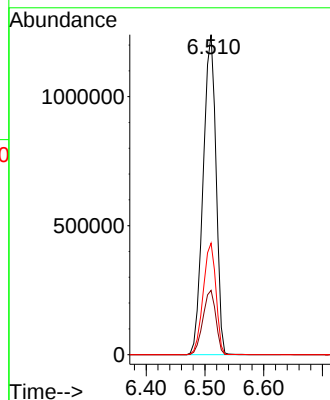
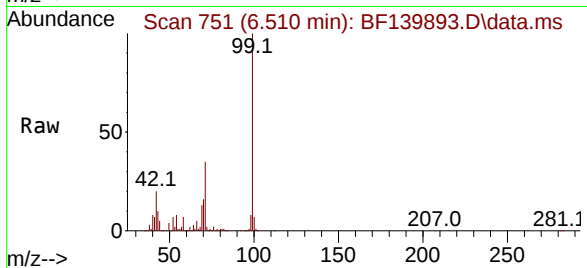




#7
Phenol-d6
Concen: 135.679 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF139893.D
Acq: 21 Oct 2024 10:25

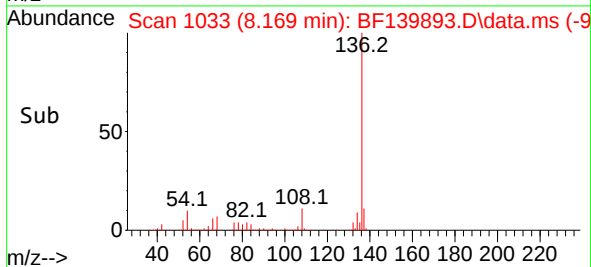
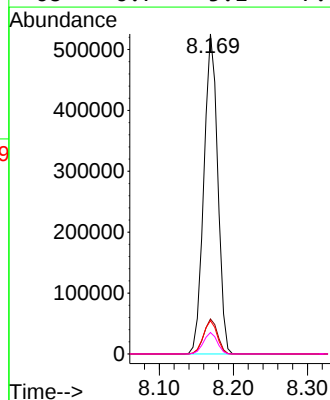
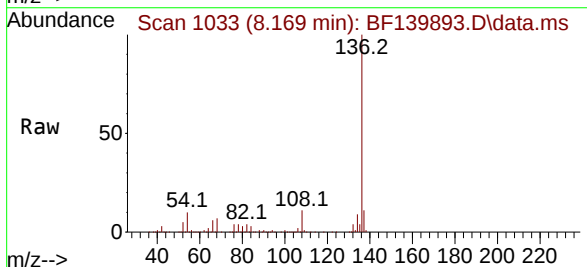
Instrument :
BNA_F
ClientSampleId :
PB164123BL

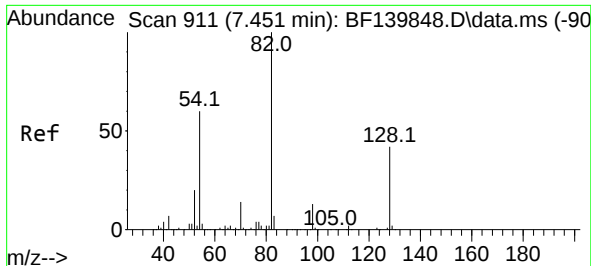
Tgt Ion: 99 Resp: 1885243
Ion Ratio Lower Upper
99 100
42 20.1 16.7 25.1
71 34.9 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139893.D
Acq: 21 Oct 2024 10:25

Tgt Ion: 136 Resp: 682521
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 10.4 8.4 12.6
68 6.7 5.1 7.7





#23

Nitrobenzene-d5

Concen: 96.913 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF139893.D

Acq: 21 Oct 2024 10:25

Instrument :

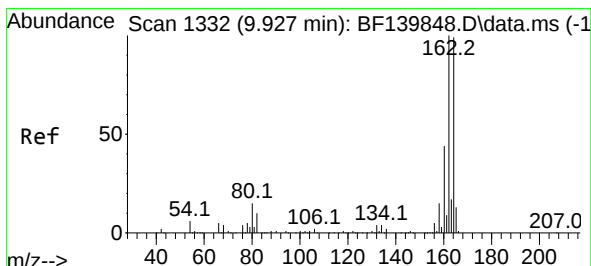
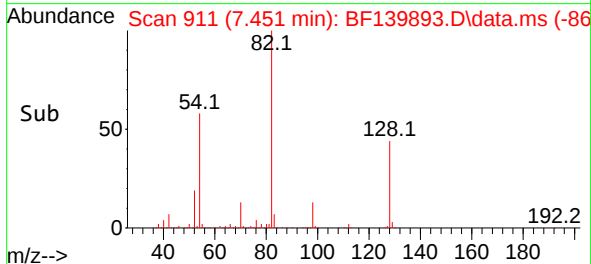
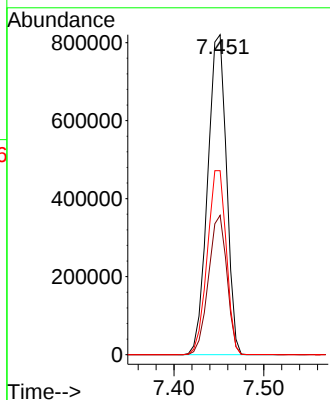
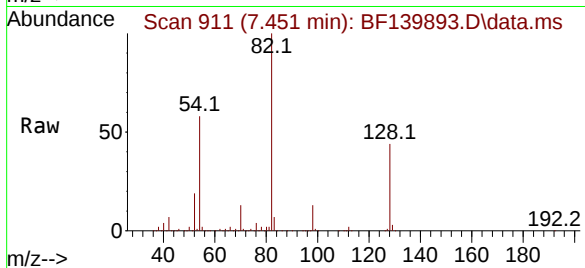
BNA_F

ClientSampleId :

PB164123BL

Tgt Ion: 82 Resp: 1193449

Ion	Ratio	Lower	Upper
82	100		
128	43.6	33.4	50.0
54	57.5	47.8	71.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1332

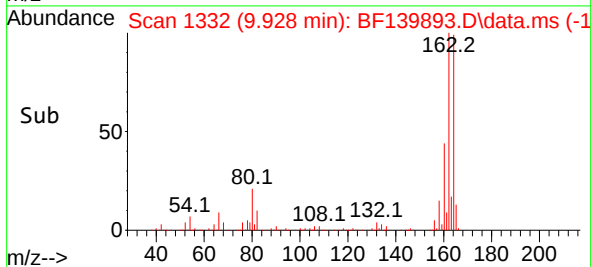
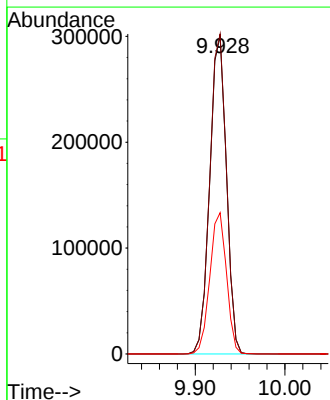
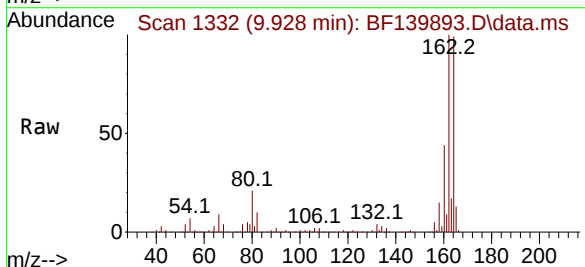
Delta R.T. 0.001 min

Lab File: BF139893.D

Acq: 21 Oct 2024 10:25

Tgt Ion: 164 Resp: 387913

Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.0	121.4
160	44.4	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 145.003 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF139893.D

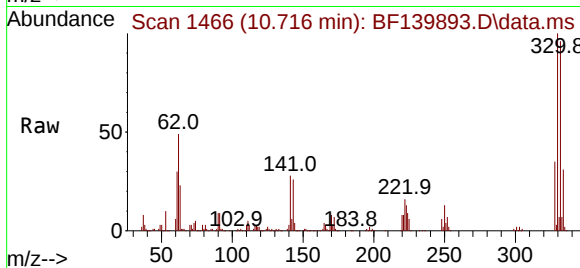
Acq: 21 Oct 2024 10:25

Instrument :

BNA_F

ClientSampleId :

PB164123BL



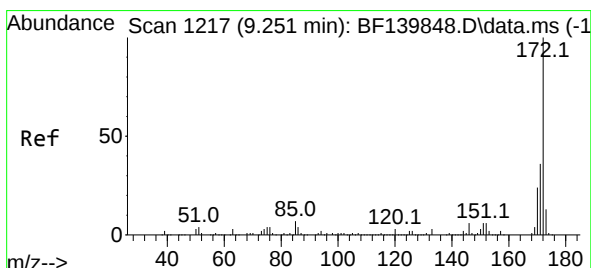
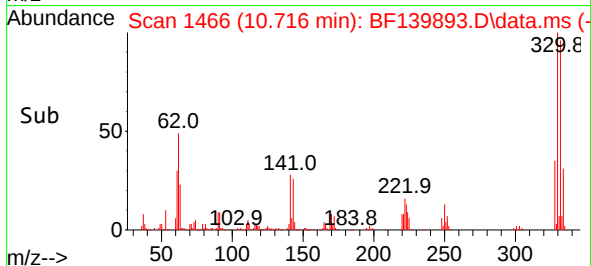
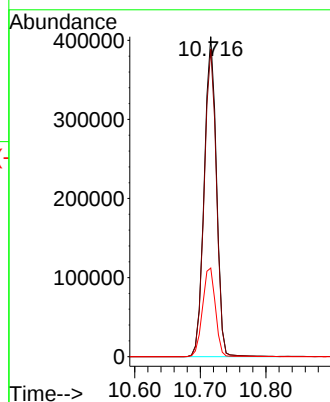
Tgt Ion:330 Resp: 526130

Ion Ratio Lower Upper

330 100

332 96.3 78.1 117.1

141 29.3 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 91.177 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139893.D

Acq: 21 Oct 2024 10:25

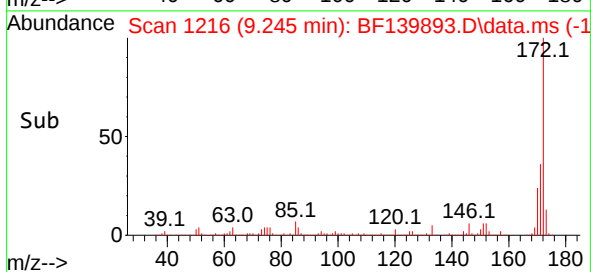
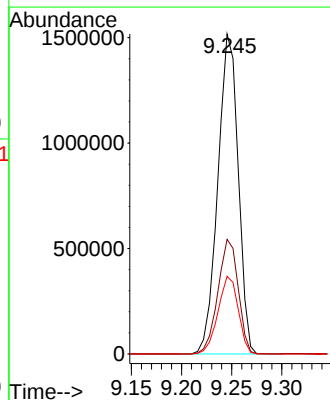
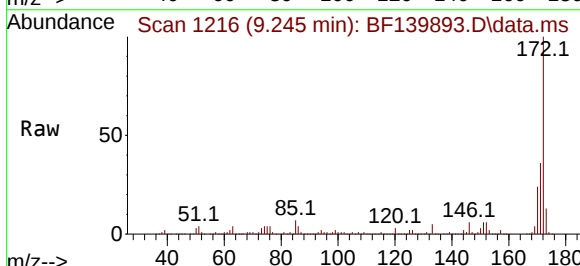
Tgt Ion:172 Resp: 2140061

Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 24.2 19.1 28.7

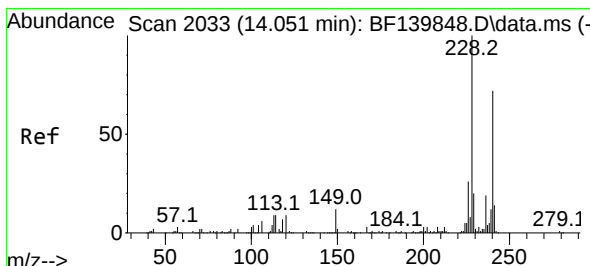
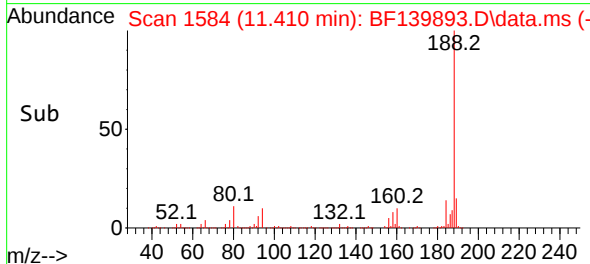
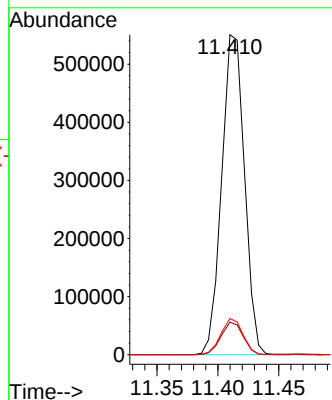
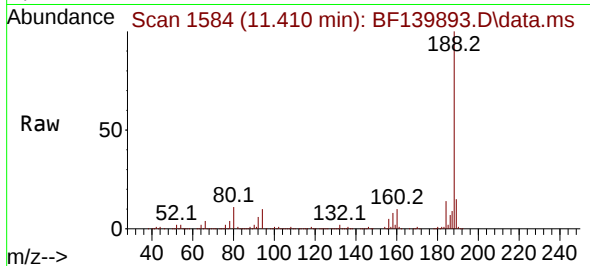




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139893.D
Acq: 21 Oct 2024 10:25

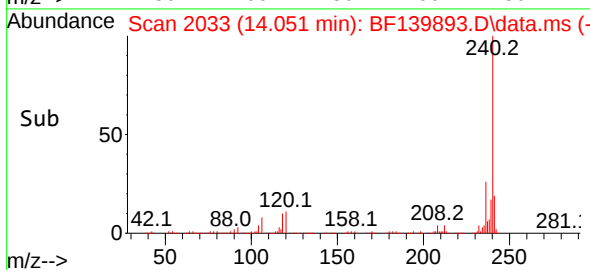
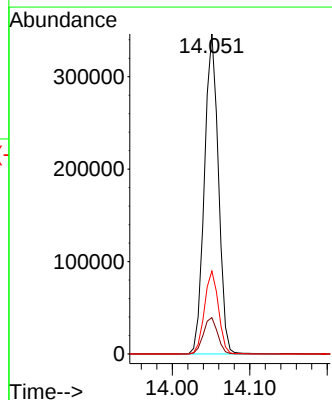
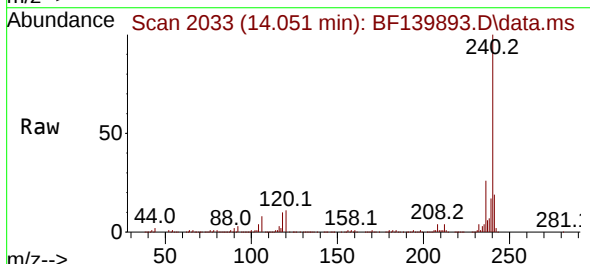
Instrument :
BNA_F
ClientSampleId :
PB164123BL

Tgt Ion:188 Resp: 717487
Ion Ratio Lower Upper
188 100
94 10.2 7.9 11.9
80 11.3 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: BF139893.D
Acq: 21 Oct 2024 10:25

Tgt Ion:240 Resp: 434664
Ion Ratio Lower Upper
240 100
120 11.3 9.4 14.2
236 25.9 20.9 31.3

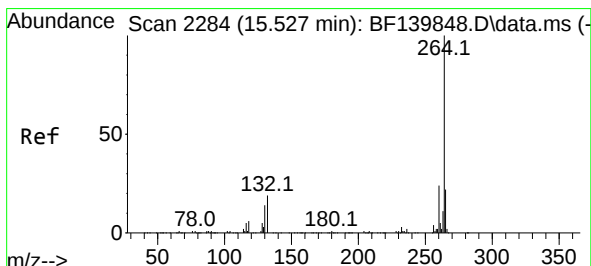
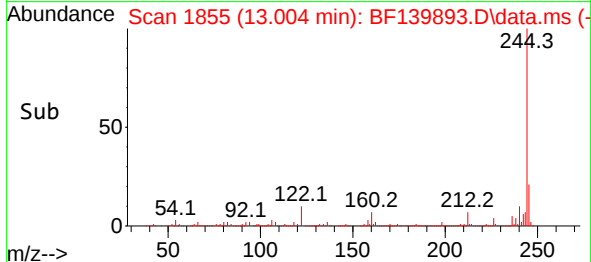
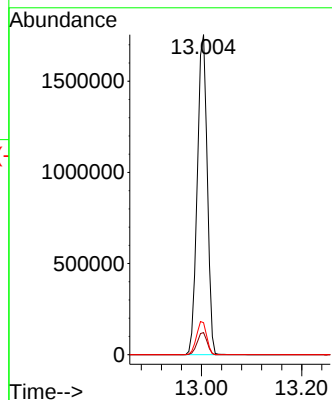
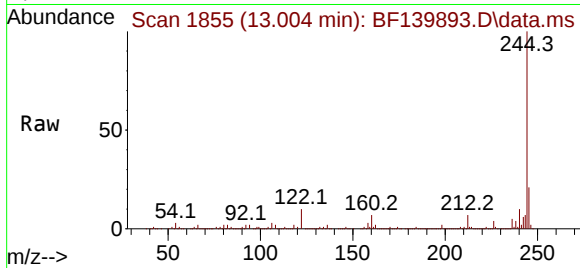




#79
 Terphenyl-d14
 Concen: 90.421 ng
 RT: 13.004 min Scan# 1855
 Delta R.T. 0.006 min
 Lab File: BF139893.D
 Acq: 21 Oct 2024 10:25

Instrument :
 BNA_F
 ClientSampleId :
 PB164123BL

Tgt Ion:244 Resp: 2411993
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 10.0 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: BF139893.D
 Acq: 21 Oct 2024 10:25

Tgt Ion:264 Resp: 327943
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.2
 265 22.0 17.4 26.0

