

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082124\
Data File : BF139093.D
Acq On : 21 Aug 2024 10:51
Operator : RC/JU
Sample : P3663-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624

Quant Time: Aug 21 11:28:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 21 01:25:05 2024
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	88228	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	333262	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	193908	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	335638	20.000	ng	0.00
76) Chrysene-d12	14.051	240	152501	20.000	ng	0.00
86) Perylene-d12	15.533	264	182422	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	628046	109.519	ng	0.00
7) Phenol-d6	6.516	99	847459	114.369	ng	0.00
23) Nitrobenzene-d5	7.457	82	525468	91.877	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	204728	116.626	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	816651	66.821	ng	0.00
79) Terphenyl-d14	13.004	244	672117	73.130	ng	0.00

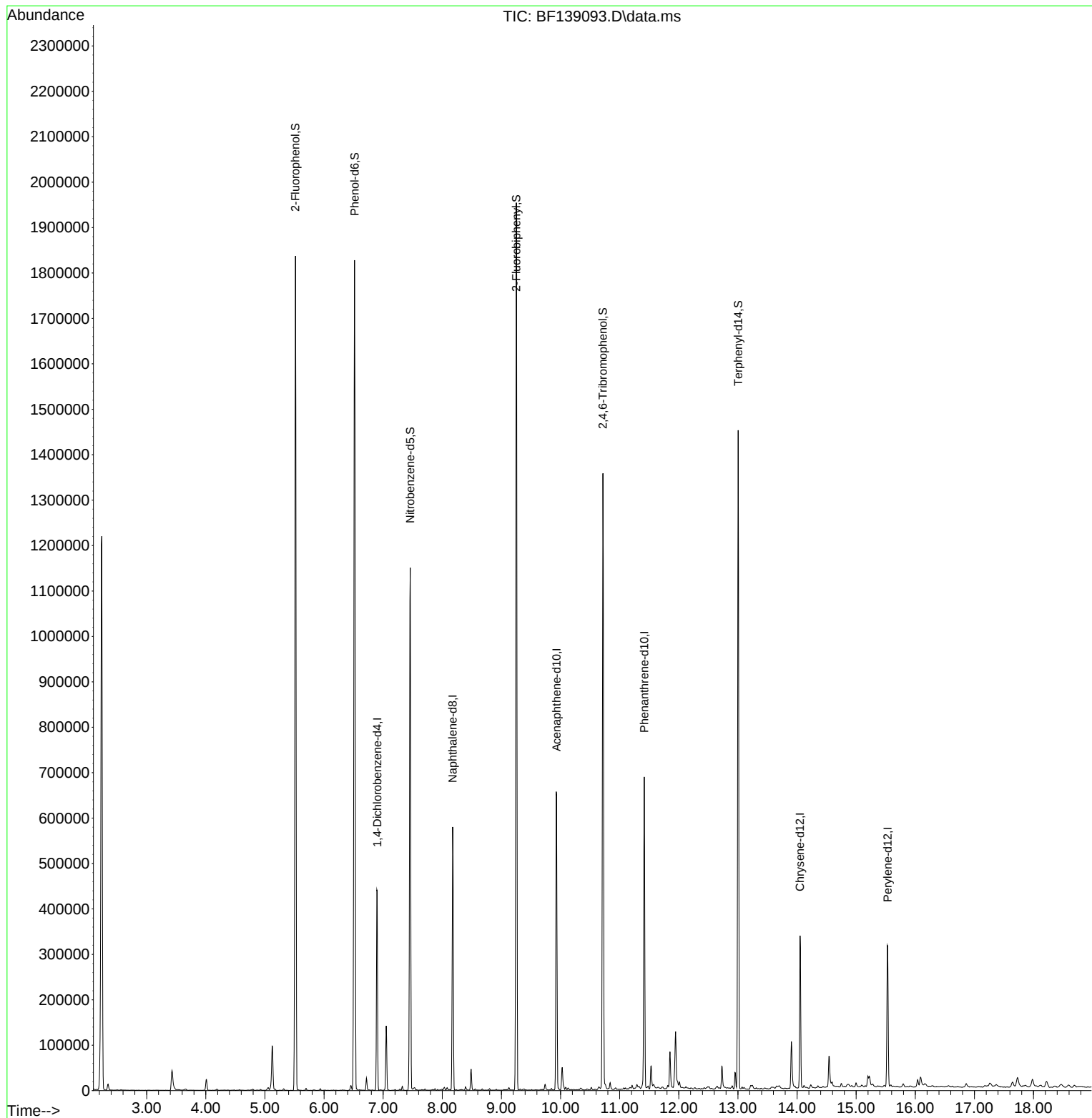
Target Compounds	Qvalue

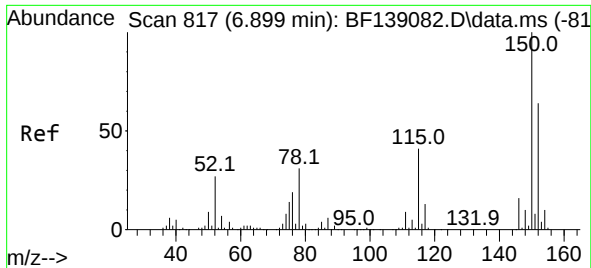
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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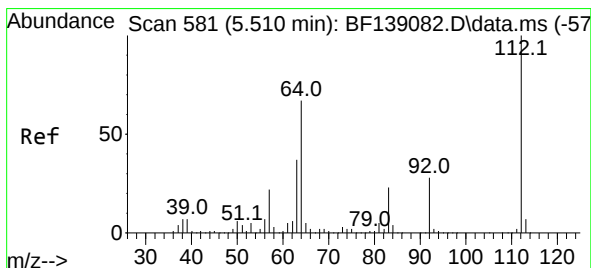
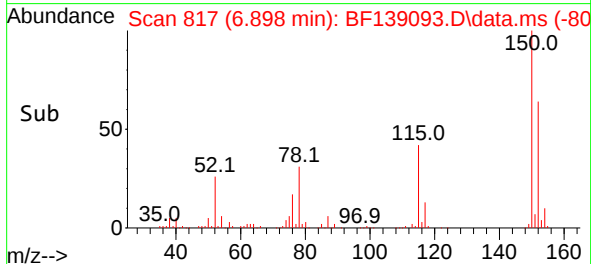
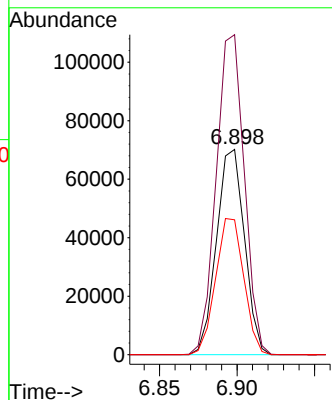
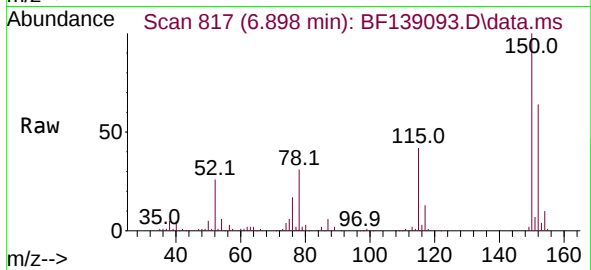




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF139093.D
Acq: 21 Aug 2024 10:51

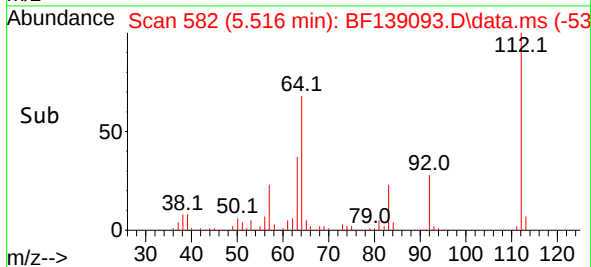
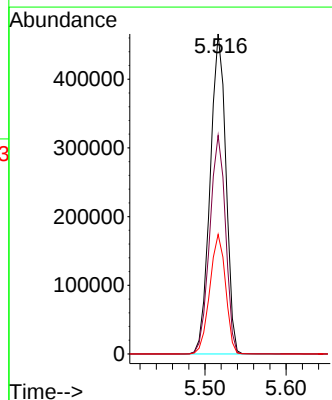
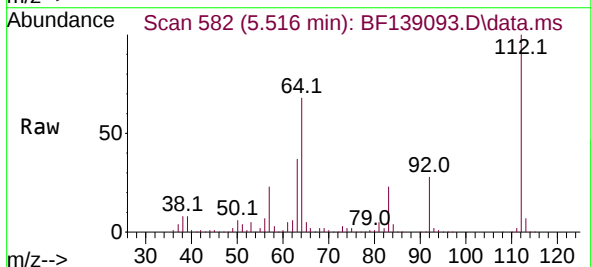
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624

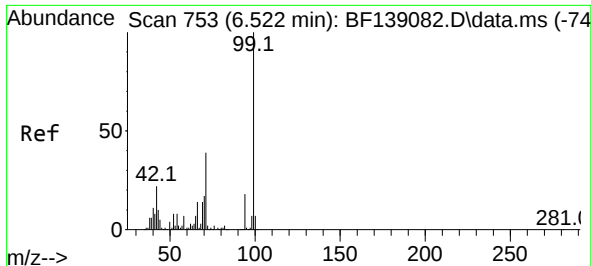
Tgt Ion:152 Resp: 88228
Ion Ratio Lower Upper
152 100
150 155.8 125.1 187.7
115 65.7 51.8 77.6



#5
2-Fluorophenol
Concen: 109.519 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF139093.D
Acq: 21 Aug 2024 10:51

Tgt Ion:112 Resp: 628046
Ion Ratio Lower Upper
112 100
64 68.3 53.8 80.6
63 37.3 29.4 44.2

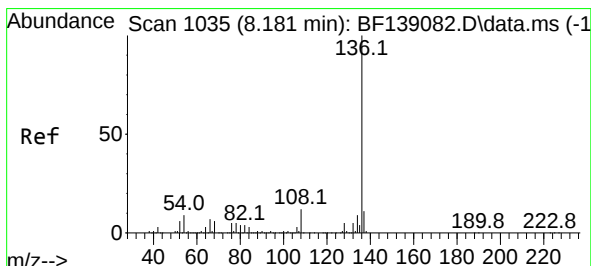
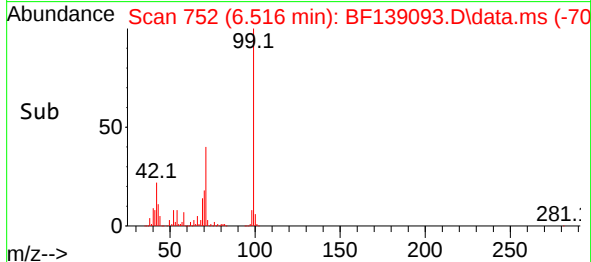
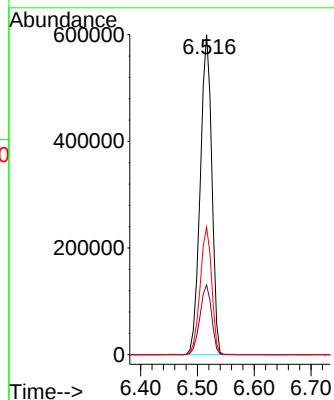
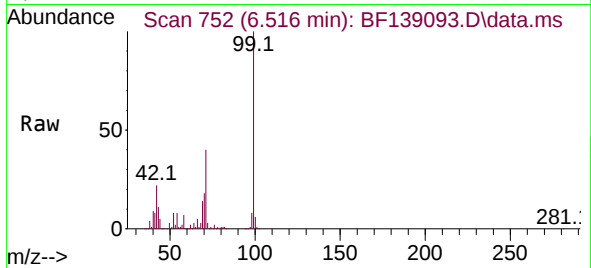




#7
Phenol-d6
Concen: 114.369 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139093.D
Acq: 21 Aug 2024 10:51

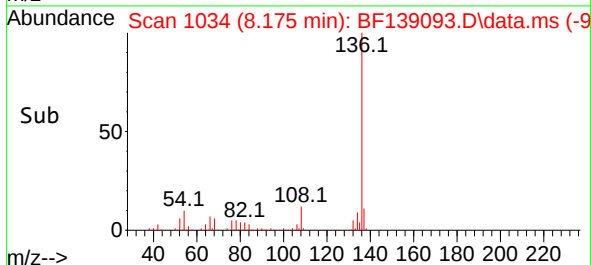
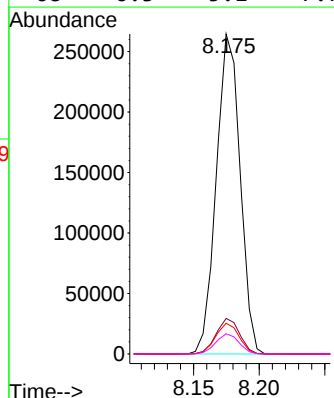
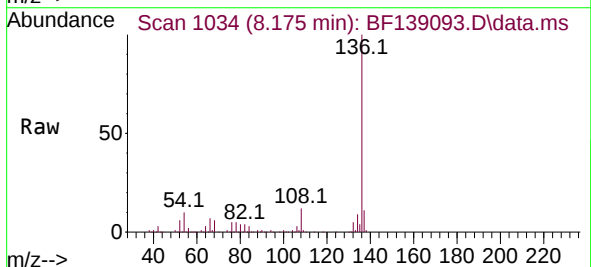
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624

Tgt Ion: 99 Resp: 847459
Ion Ratio Lower Upper
99 100
42 21.8 17.4 26.2
71 39.9 31.2 46.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF139093.D
Acq: 21 Aug 2024 10:51

Tgt Ion: 136 Resp: 333262
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 9.6 7.6 11.4
68 6.3 5.1 7.7





#23

Nitrobenzene-d5

Concen: 91.877 ng

RT: 7.457 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF139093.D

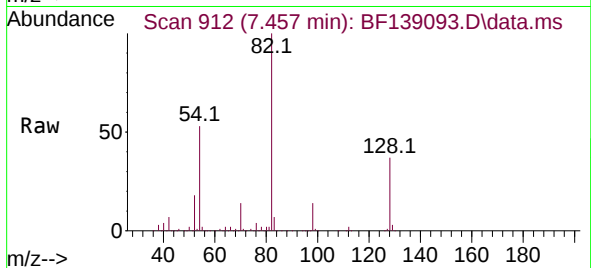
Acq: 21 Aug 2024 10:51

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624



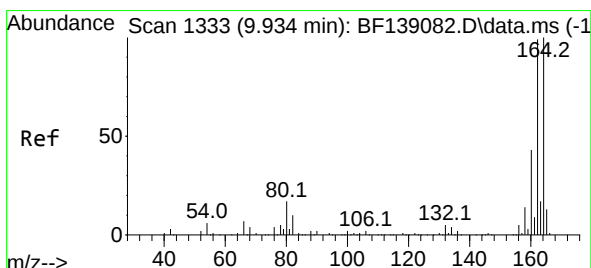
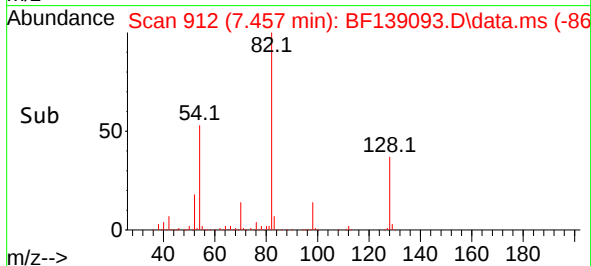
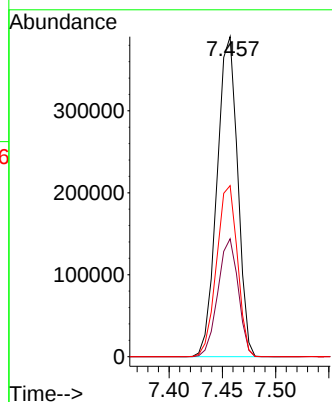
Tgt Ion: 82 Resp: 525468

Ion Ratio Lower Upper

82 100

128 36.8 29.0 43.4

54 53.4 43.4 65.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1333

Delta R.T. -0.000 min

Lab File: BF139093.D

Acq: 21 Aug 2024 10:51

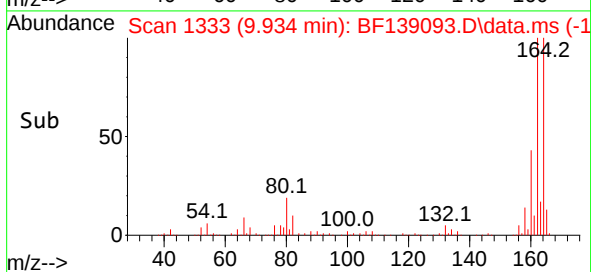
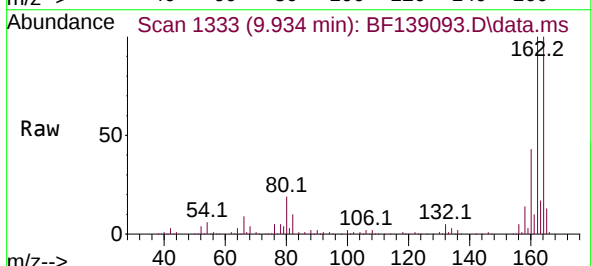
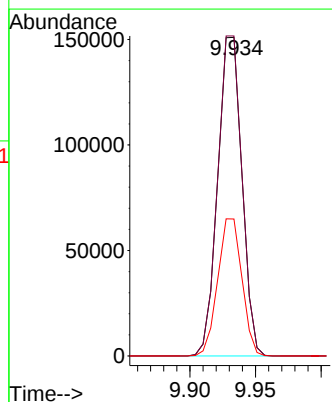
Tgt Ion:164 Resp: 193908

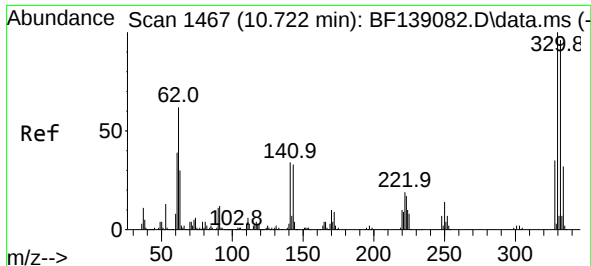
Ion Ratio Lower Upper

164 100

162 100.5 79.5 119.3

160 43.0 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 116.626 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139093.D

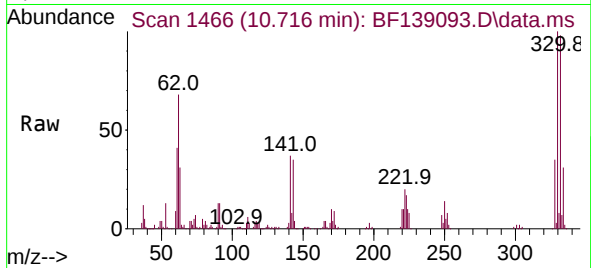
Acq: 21 Aug 2024 10:51

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624



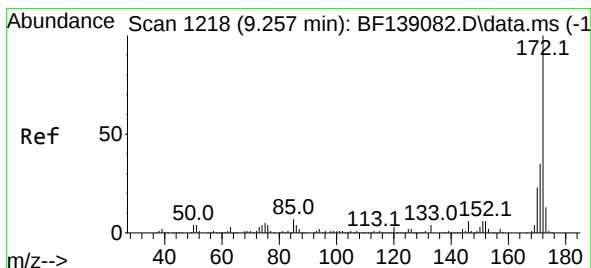
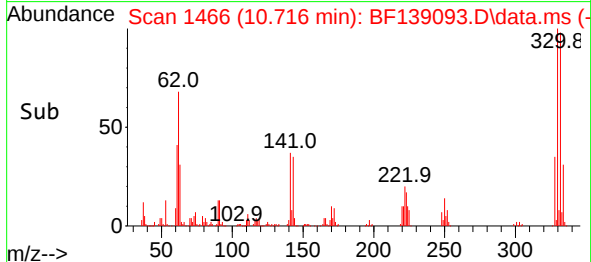
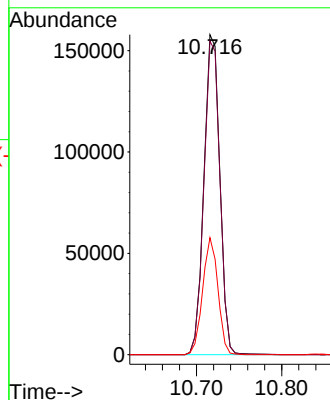
Tgt Ion:330 Resp: 204728

Ion Ratio Lower Upper

330 100

332 98.1 77.0 115.6

141 35.1 27.5 41.3



#45

2-Fluorobiphenyl

Concen: 66.821 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF139093.D

Acq: 21 Aug 2024 10:51

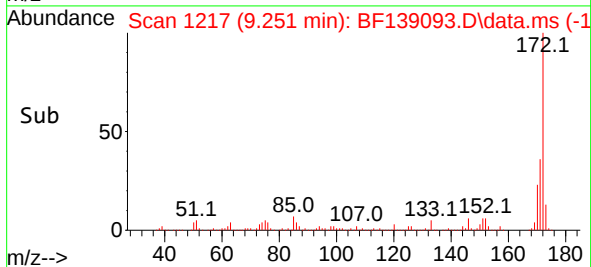
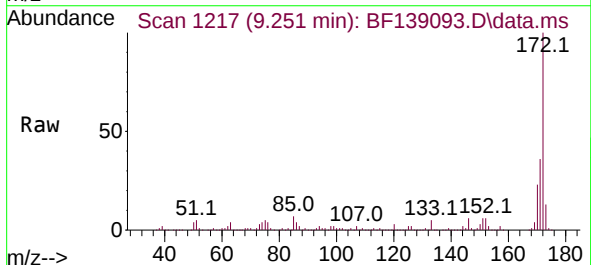
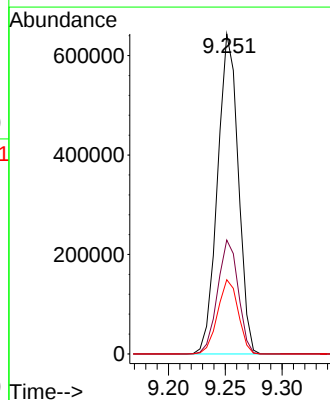
Tgt Ion:172 Resp: 816651

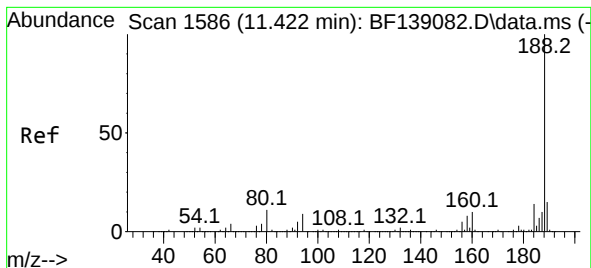
Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.2 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139093.D

Acq: 21 Aug 2024 10:51

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624

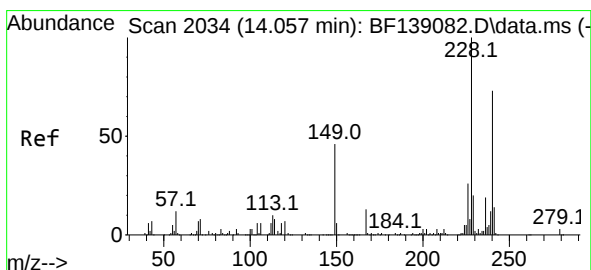
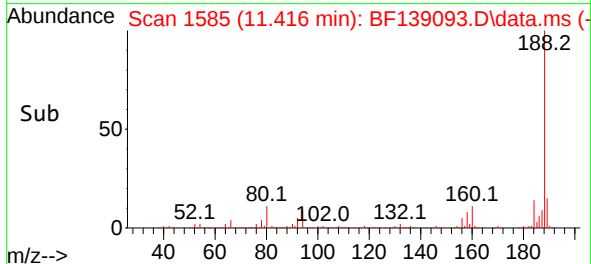
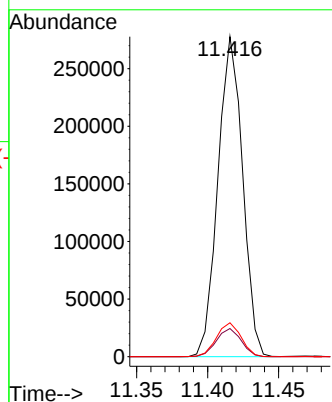
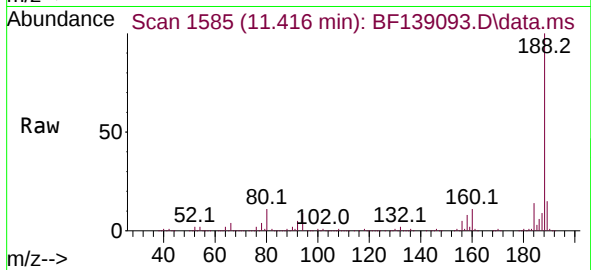
Tgt Ion:188 Resp: 335638

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

80 10.6 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF139093.D

Acq: 21 Aug 2024 10:51

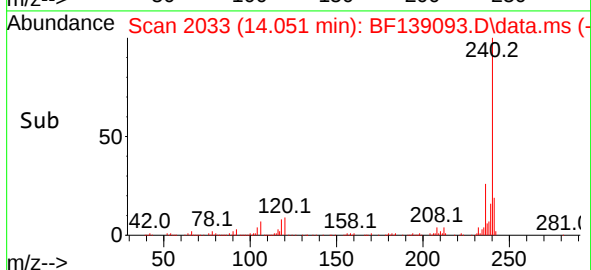
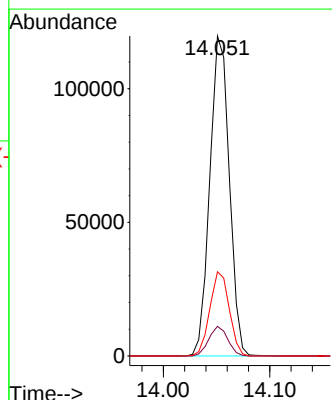
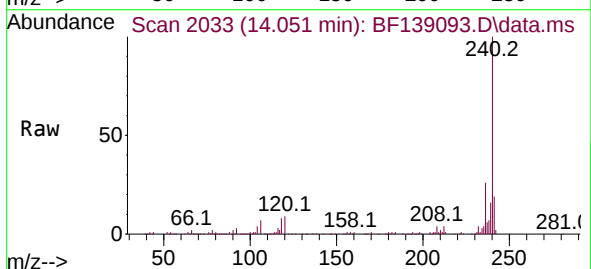
Tgt Ion:240 Resp: 152501

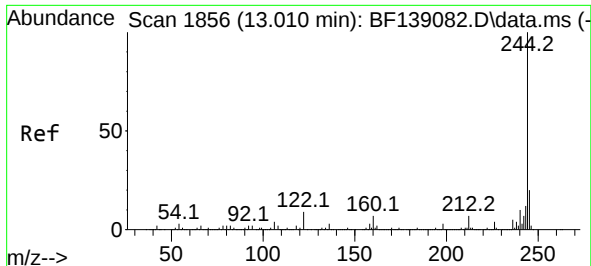
Ion Ratio Lower Upper

240 100

120 9.3 7.8 11.6

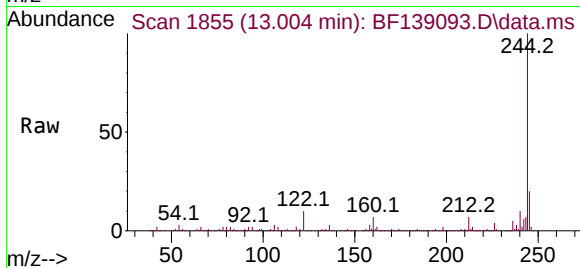
236 26.3 20.9 31.3





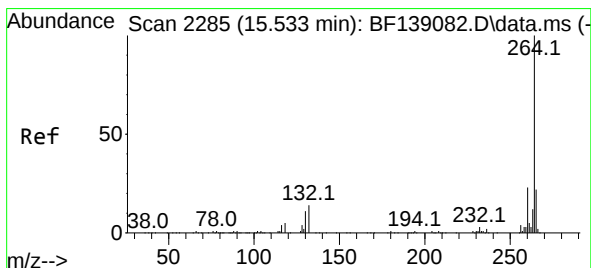
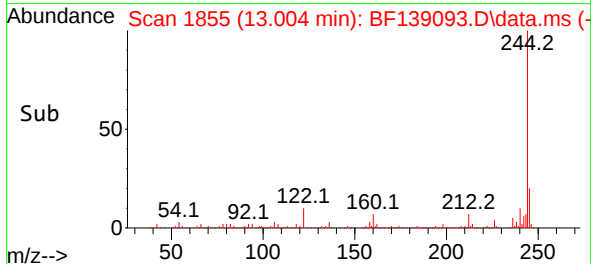
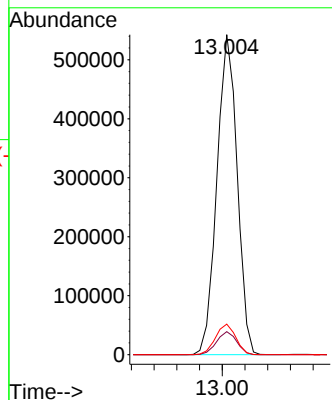
#79
 Terphenyl-d14
 Concen: 73.130 ng
 RT: 13.004 min Scan# 1855
 Delta R.T. -0.006 min
 Lab File: BF139093.D
 Acq: 21 Aug 2024 10:51

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 672117

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	9.5	7.6	11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2285
 Delta R.T. -0.000 min
 Lab File: BF139093.D
 Acq: 21 Aug 2024 10:51

Tgt Ion:264 Resp: 182422

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	20.7	17.4	26.2

