

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092624\
 Data File : BF139553.D
 Acq On : 26 Sep 2024 18:30
 Operator : RC/JU
 Sample : P4176-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-NC-SYS2

Quant Time: Sep 27 01:06:41 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	68783	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	258808	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	143953	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	261366	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	137367	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	128950	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	211133	50.075	ng	0.00
7) Phenol-d6	6.504	99	218527	39.487	ng	0.00
23) Nitrobenzene-d5	7.440	82	530277	96.323	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	139475	91.008	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	855634	83.364	ng	0.00
79) Terphenyl-d14	12.986	244	924589	110.479	ng	0.00

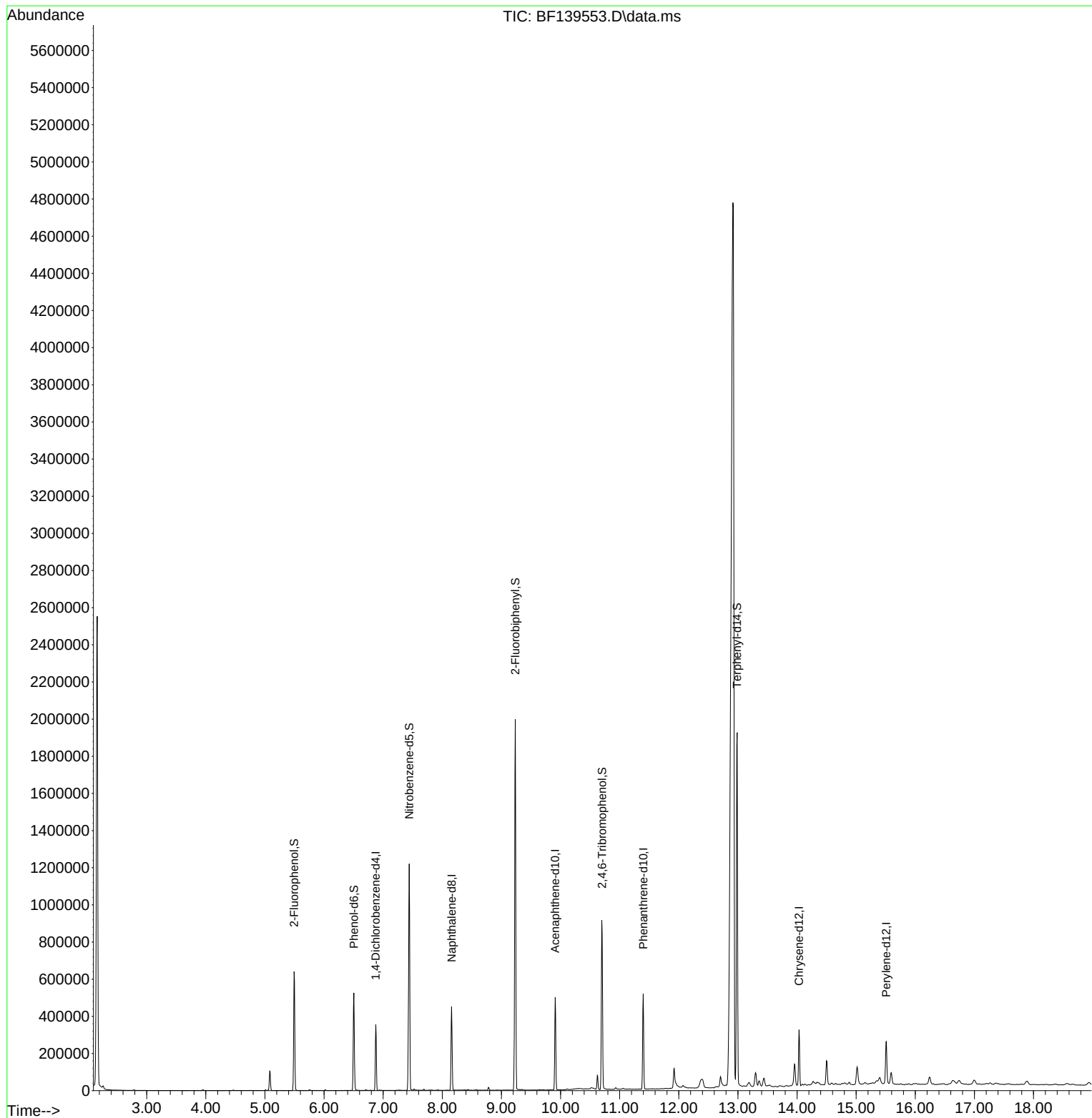
Target Compounds	Qvalue

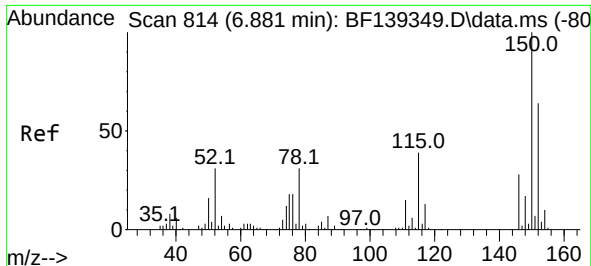
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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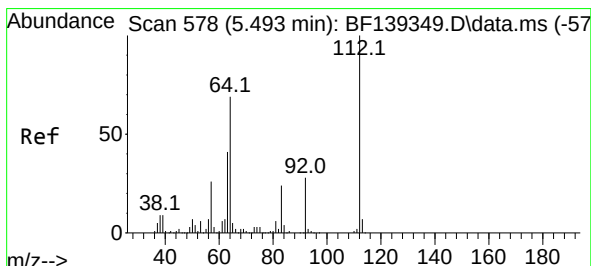
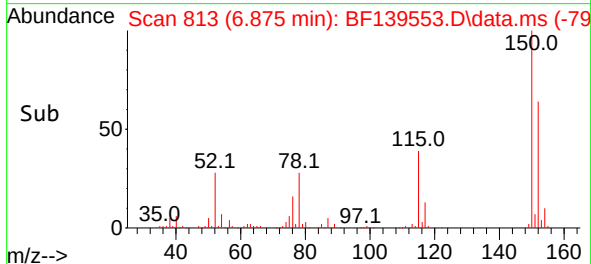
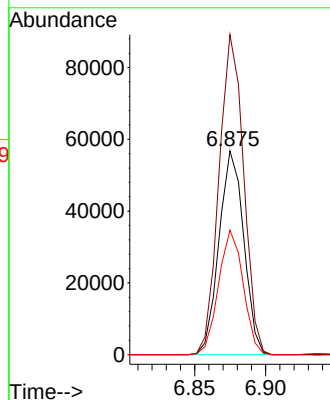
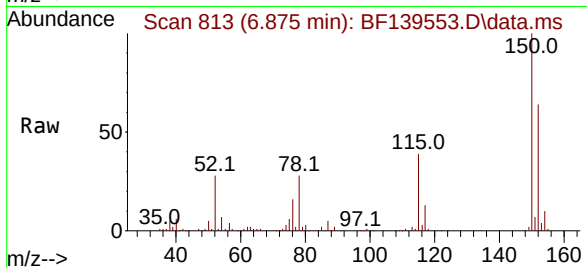




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 814
 Delta R.T. -0.006 min
 Lab File: BF139553.D
 Acq: 26 Sep 2024 18:30

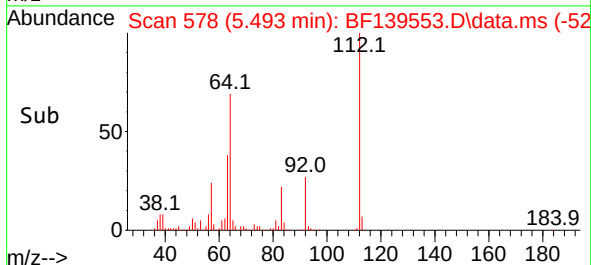
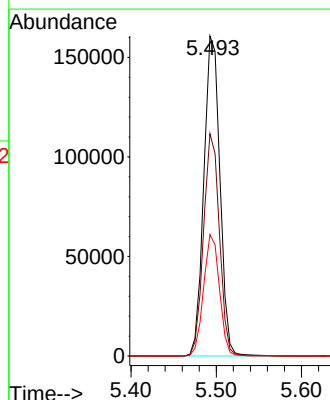
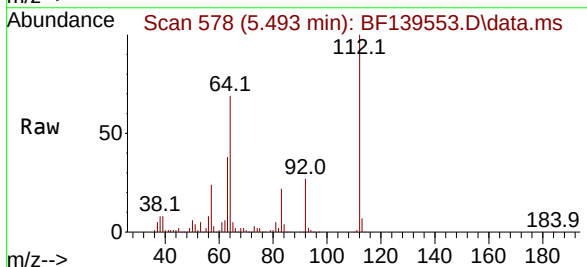
Instrument :
 BNA_F
 ClientSampleId :
 FB-NC-SYS2

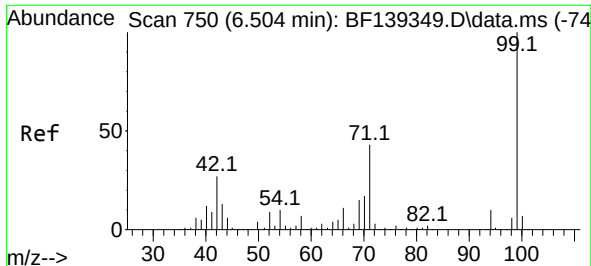
Tgt Ion:152 Resp: 68783
 Ion Ratio Lower Upper
 152 100
 150 157.0 124.1 186.1
 115 61.1 48.1 72.1



#5
 2-Fluorophenol
 Concen: 50.075 ng
 RT: 5.493 min Scan# 578
 Delta R.T. -0.000 min
 Lab File: BF139553.D
 Acq: 26 Sep 2024 18:30

Tgt Ion:112 Resp: 211133
 Ion Ratio Lower Upper
 112 100
 64 69.4 54.8 82.2
 63 38.0 33.0 49.4





#7

Phenol-d6

Concen: 39.487 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139553.D

Acq: 26 Sep 2024 18:30

Instrument :

BNA_F

ClientSampleId :

FB-NC-SYS2

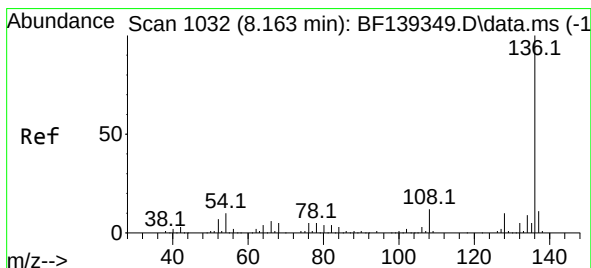
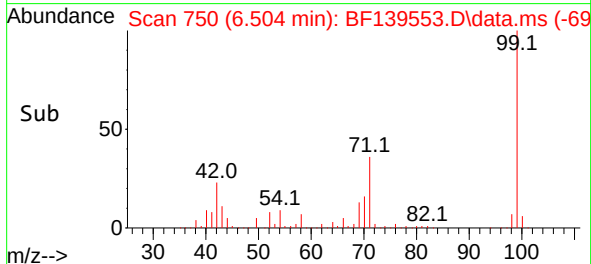
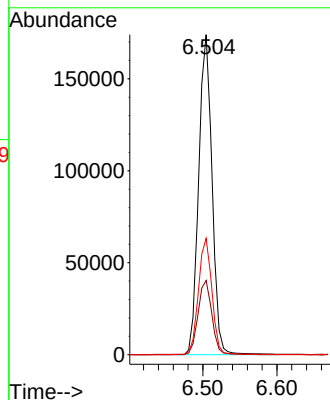
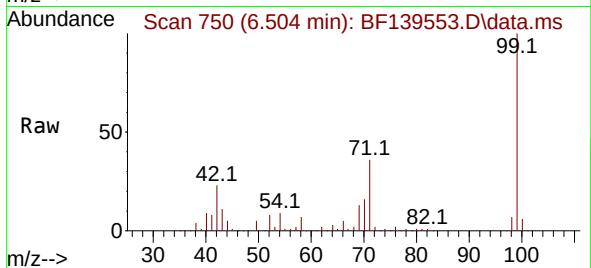
Tgt Ion: 99 Resp: 218527

Ion Ratio Lower Upper

99 100

42 23.2 21.9 32.9

71 36.3 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: BF139553.D

Acq: 26 Sep 2024 18:30

Tgt Ion: 136 Resp: 258808

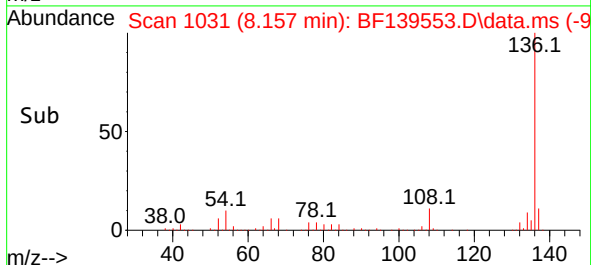
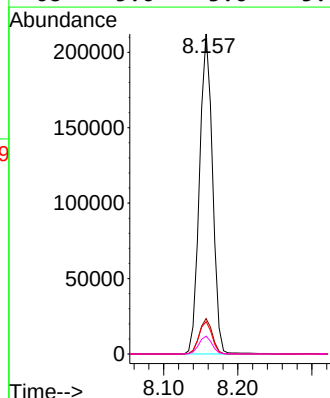
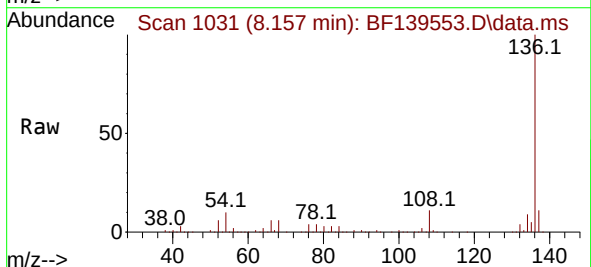
Ion Ratio Lower Upper

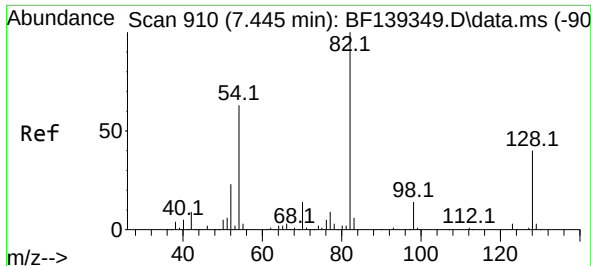
136 100

137 11.1 8.6 12.8

54 10.1 7.8 11.8

68 5.6 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 96.323 ng

RT: 7.440 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139553.D

Acq: 26 Sep 2024 18:30

Instrument :

BNA_F

ClientSampleId :

FB-NC-SYS2

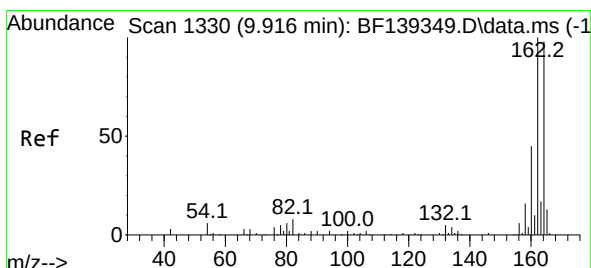
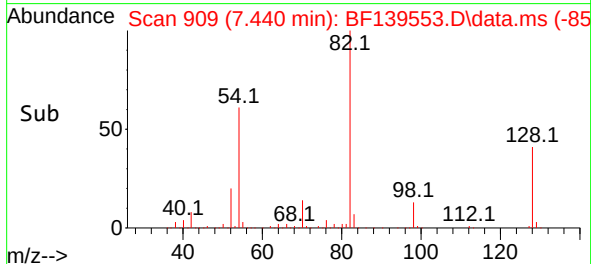
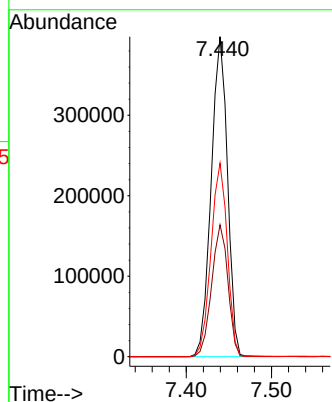
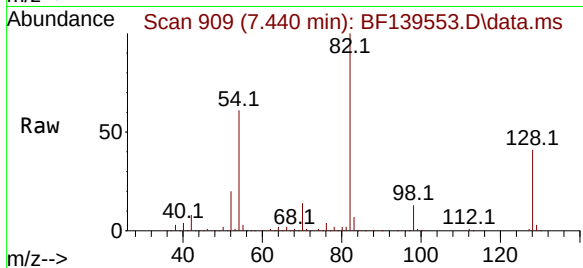
Tgt Ion: 82 Resp: 530277

Ion Ratio Lower Upper

82 100

128 41.2 31.8 47.6

54 60.5 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: BF139553.D

Acq: 26 Sep 2024 18:30

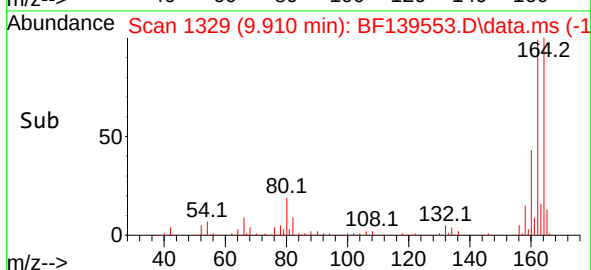
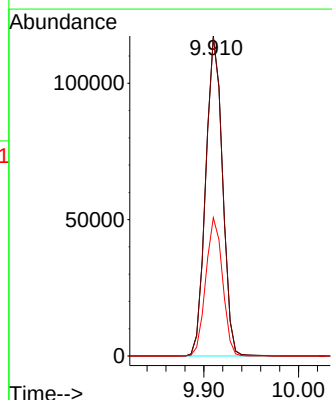
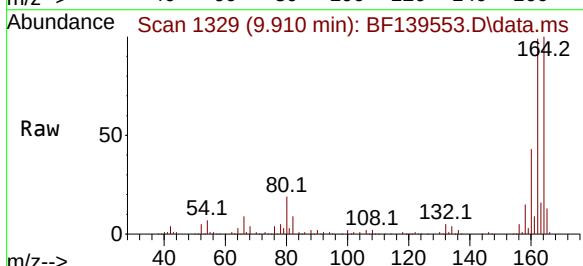
Tgt Ion:164 Resp: 143953

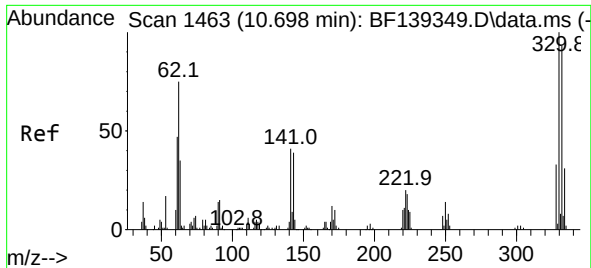
Ion Ratio Lower Upper

164 100

162 99.5 81.3 121.9

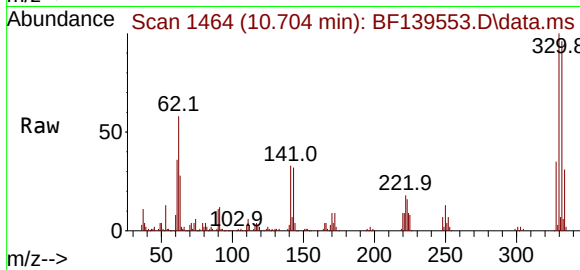
160 43.2 36.4 54.6



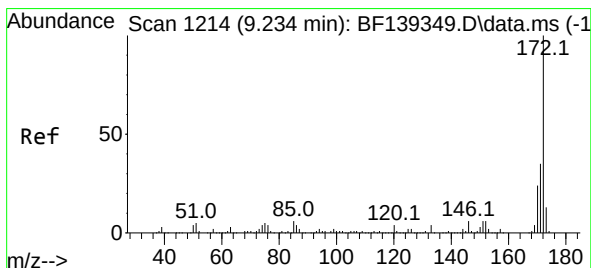
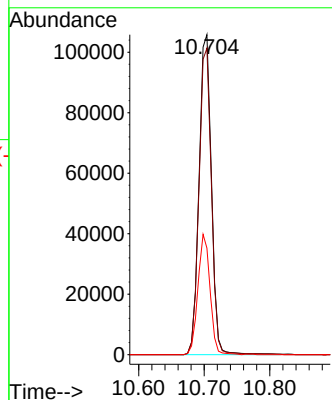
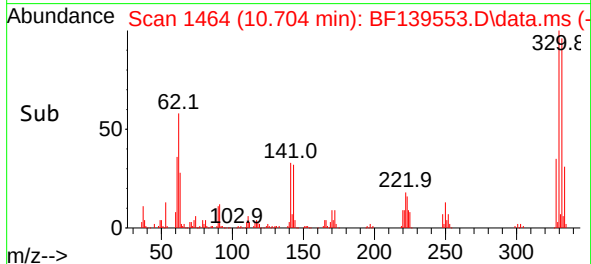


#42
2,4,6-Tribromophenol
Concen: 91.008 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139553.D
Acq: 26 Sep 2024 18:30

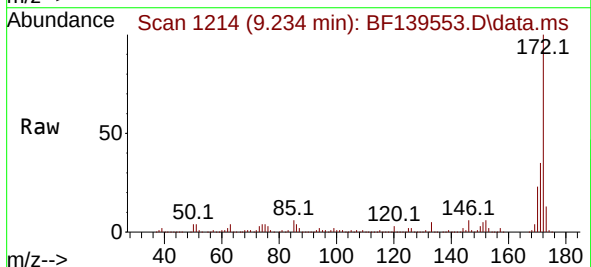
Instrument :
BNA_F
ClientSampleId :
FB-NC-SYS2



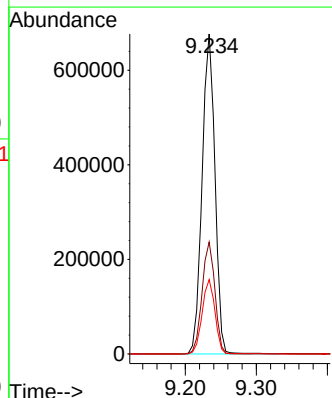
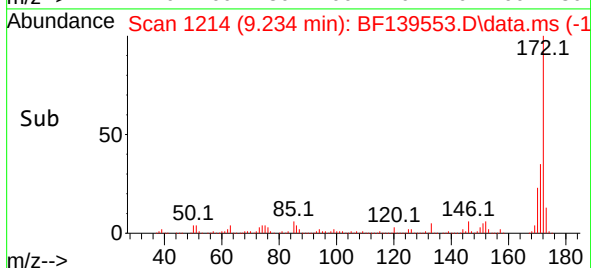
Tgt Ion: 330 Resp: 139475
Ion Ratio Lower Upper
330 100
332 95.4 75.2 112.8
141 36.7 31.2 46.8

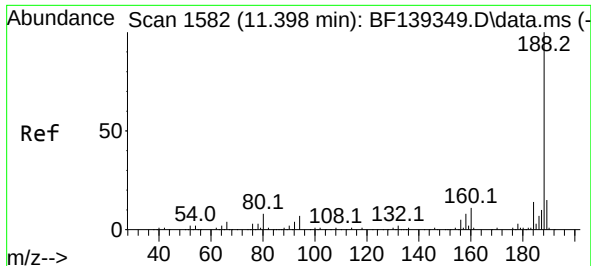


#45
2-Fluorobiphenyl
Concen: 83.364 ng
RT: 9.234 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139553.D
Acq: 26 Sep 2024 18:30



Tgt Ion: 172 Resp: 855634
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.3 19.0 28.6

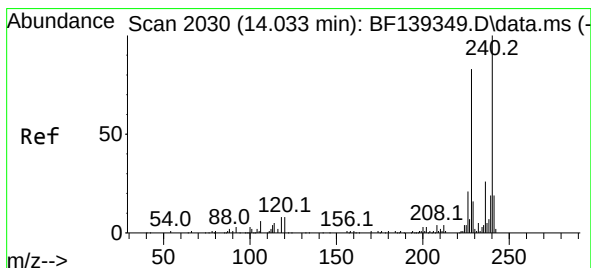
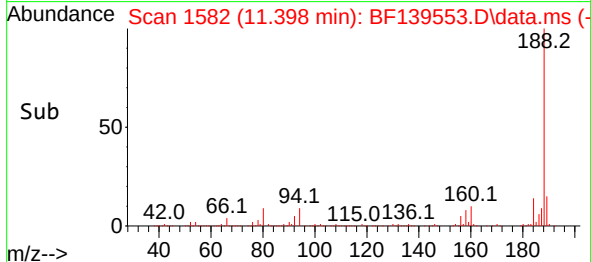
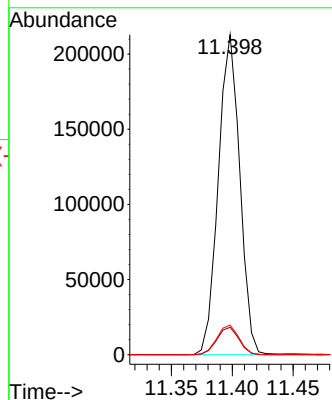
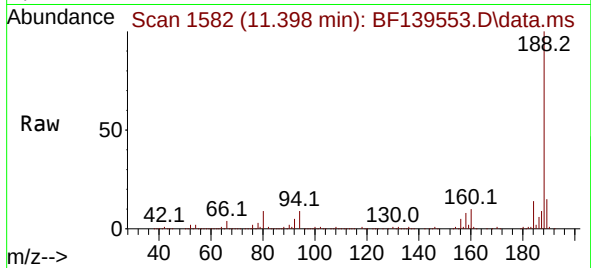




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139553.D
Acq: 26 Sep 2024 18:30

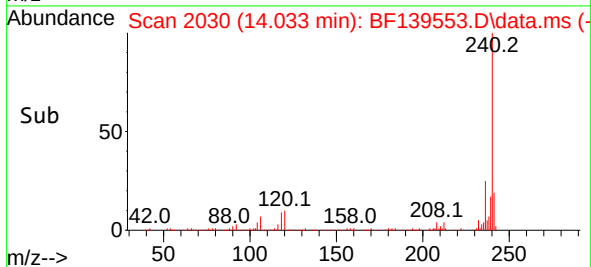
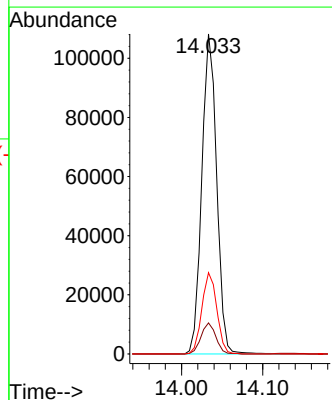
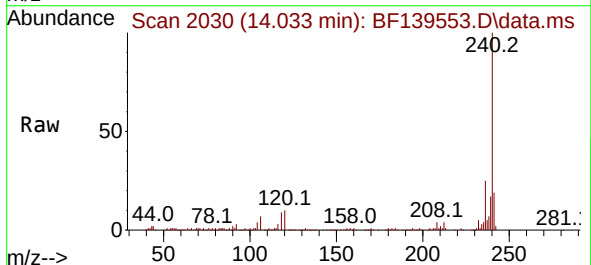
Instrument :
BNA_F
ClientSampleId :
FB-NC-SYS2

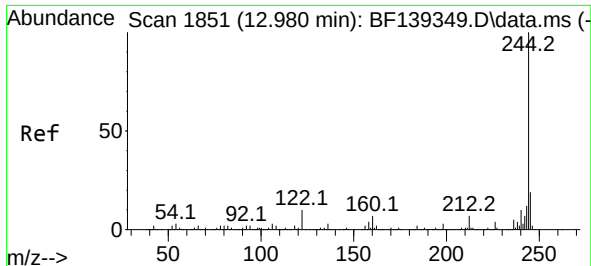
Tgt Ion:188 Resp: 261366
Ion Ratio Lower Upper
188 100
94 8.6 5.5 8.3#
80 9.3 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139553.D
Acq: 26 Sep 2024 18:30

Tgt Ion:240 Resp: 137367
Ion Ratio Lower Upper
240 100
120 9.7 6.2 9.2#
236 25.4 20.9 31.3

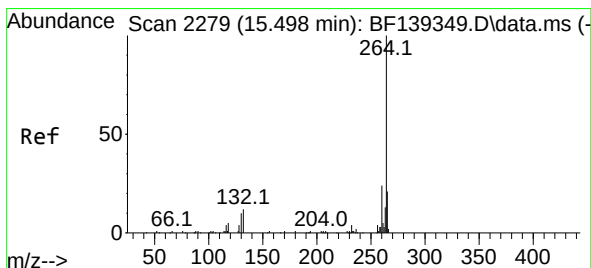
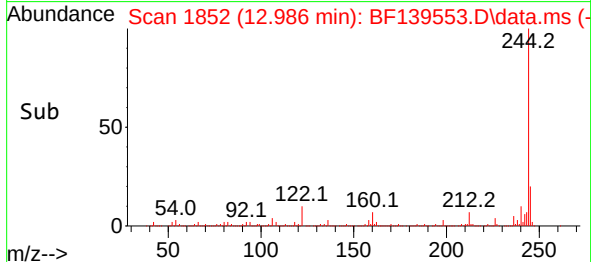
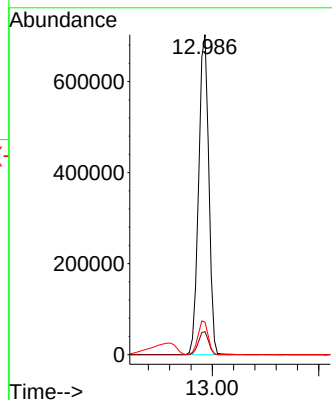
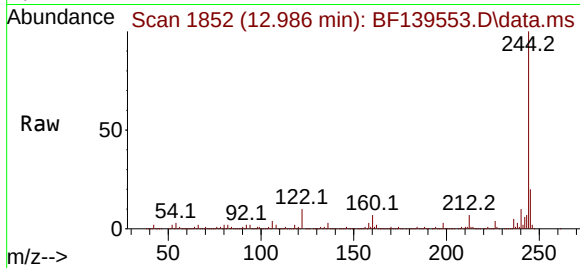




#79
 Terphenyl-d14
 Concen: 110.479 ng
 RT: 12.986 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF139553.D
 Acq: 26 Sep 2024 18:30

Instrument :
 BNA_F
 ClientSampleId :
 FB-NC-SYS2

Tgt Ion:244 Resp: 924589
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 10.2 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2281
 Delta R.T. 0.012 min
 Lab File: BF139553.D
 Acq: 26 Sep 2024 18:30

Tgt Ion:264 Resp: 128950
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 20.9 16.6 25.0

