

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092624\
Data File : BF139557.D
Acq On : 26 Sep 2024 20:26
Operator : RC/JU
Sample : P4176-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB-1C-SYS1

Quant Time: Sep 27 01:08:01 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	69863	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	259638	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	140424	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	265704	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	148610	20.000	ng	# 0.00
86) Perylene-d12	15.509	264	134445	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	184914	43.179	ng	0.00
7) Phenol-d6	6.498	99	197380	35.114	ng	0.00
23) Nitrobenzene-d5	7.439	82	455853	82.539	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	125460	83.921	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	708884	70.802	ng	0.00
79) Terphenyl-d14	12.986	244	984345	108.720	ng	0.00

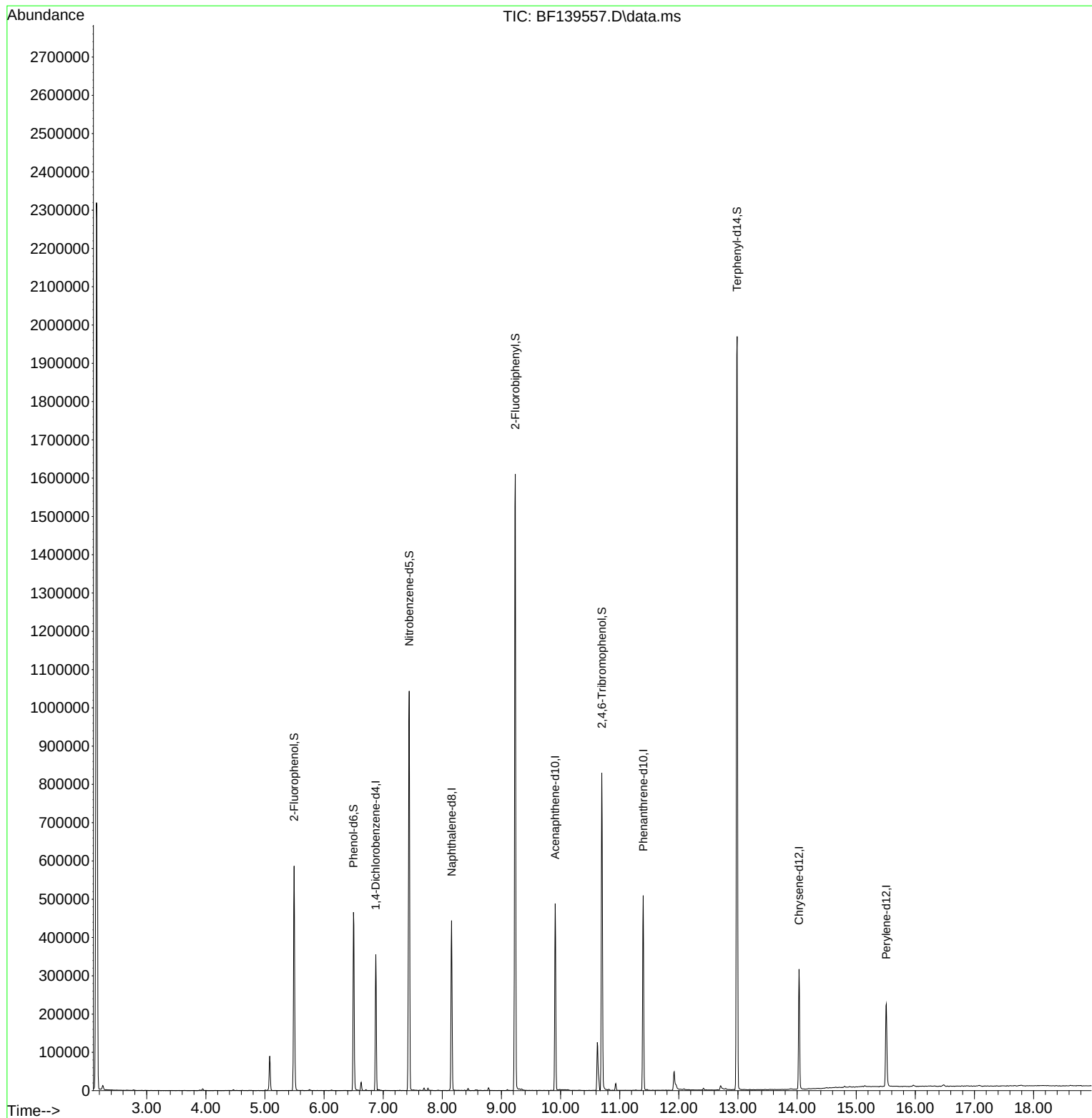
Target Compounds	Qvalue

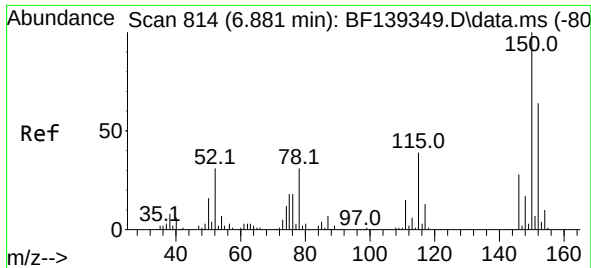
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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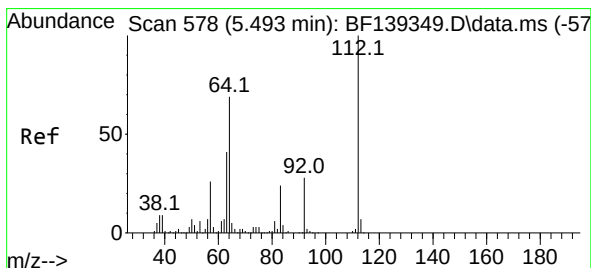
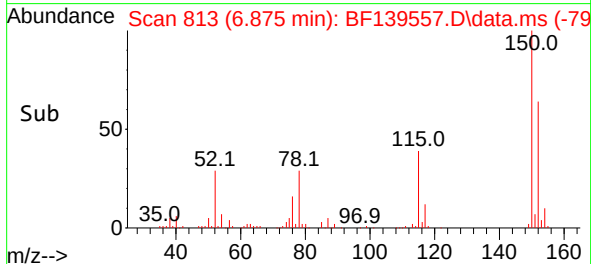
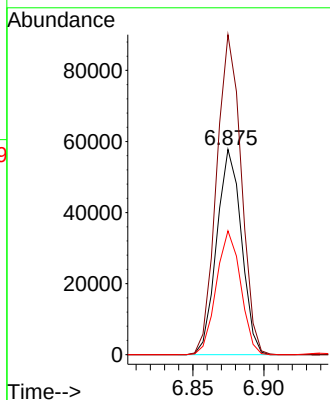
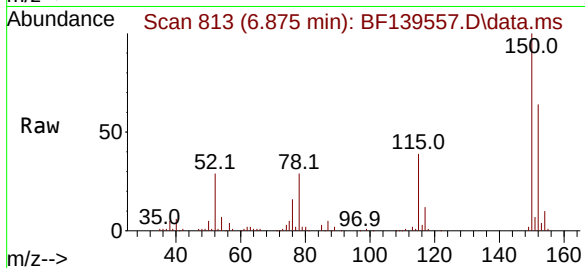




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139557.D
Acq: 26 Sep 2024 20:26

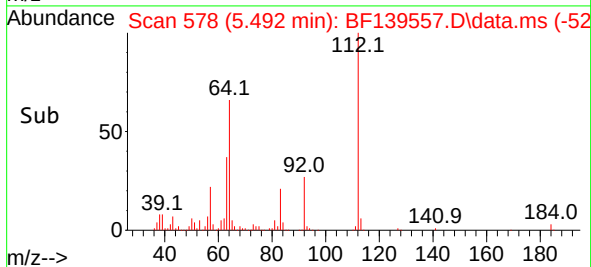
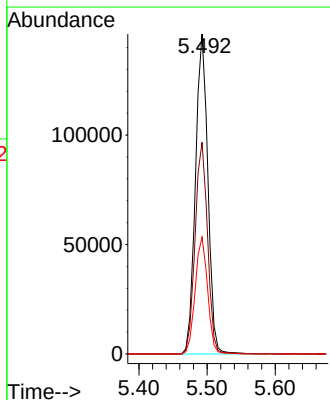
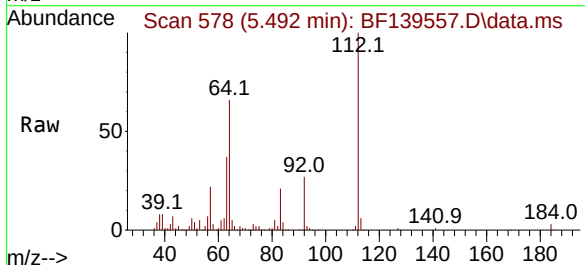
Instrument :
BNA_F
ClientSampleId :
FB-1C-SYS1

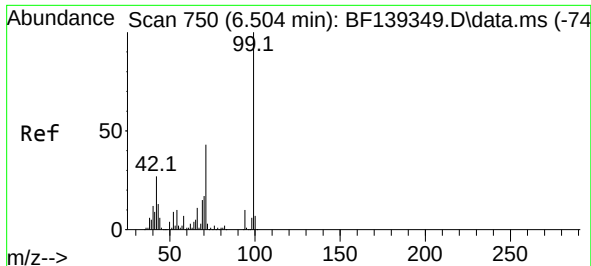
Tgt Ion:152 Resp: 69863
Ion Ratio Lower Upper
152 100
150 155.9 124.1 186.1
115 60.3 48.1 72.1



#5
2-Fluorophenol
Concen: 43.179 ng
RT: 5.492 min Scan# 578
Delta R.T. -0.001 min
Lab File: BF139557.D
Acq: 26 Sep 2024 20:26

Tgt Ion:112 Resp: 184914
Ion Ratio Lower Upper
112 100
64 66.2 54.8 82.2
63 36.5 33.0 49.4

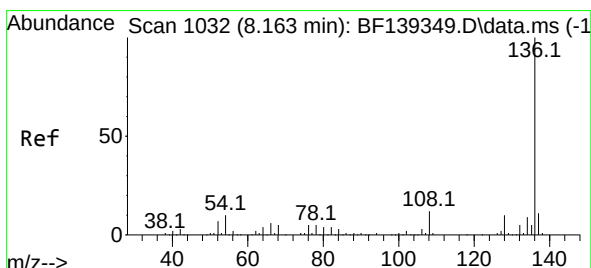
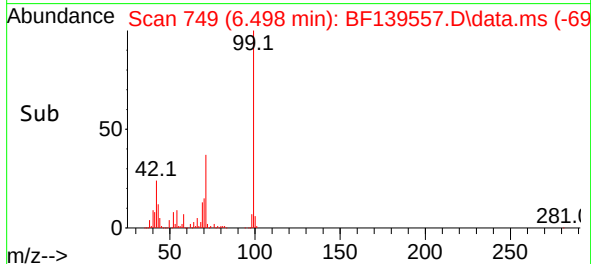
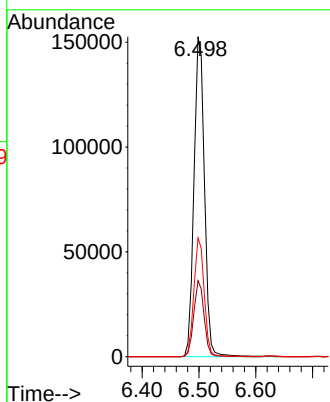
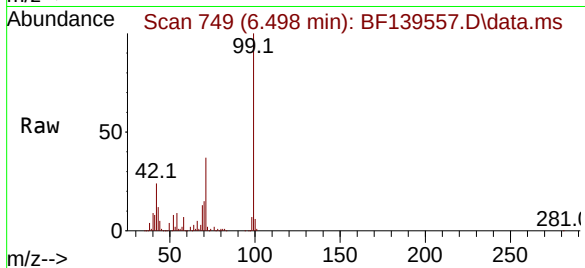




#7
Phenol-d6
Concen: 35.114 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF139557.D
Acq: 26 Sep 2024 20:26

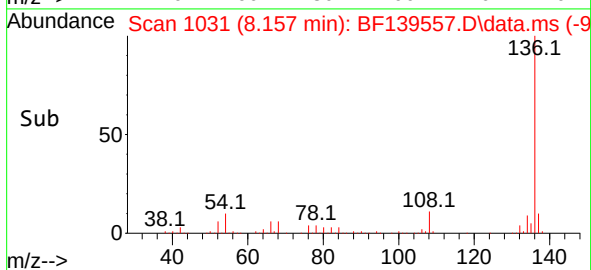
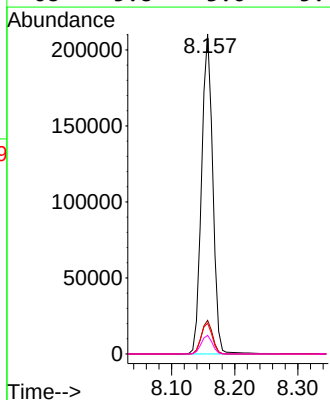
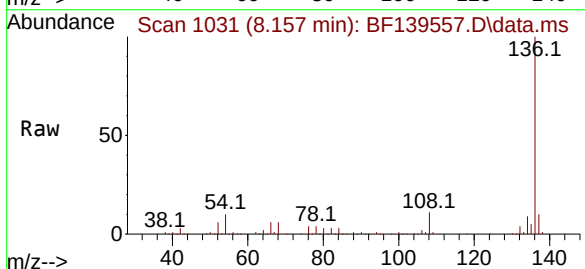
Instrument :
BNA_F
ClientSampleId :
FB-1C-SYS1

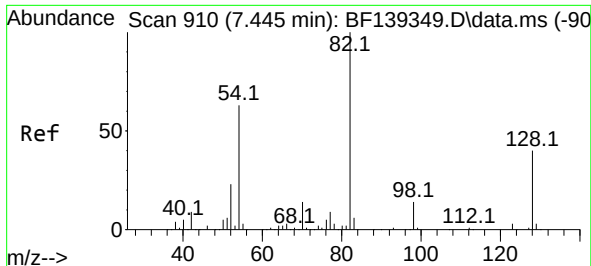
Tgt Ion: 99 Resp: 197380
Ion Ratio Lower Upper
99 100
42 23.8 21.9 32.9
71 37.1 34.6 52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139557.D
Acq: 26 Sep 2024 20:26

Tgt Ion: 136 Resp: 259638
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 9.6 7.8 11.8
68 5.8 3.6 5.4

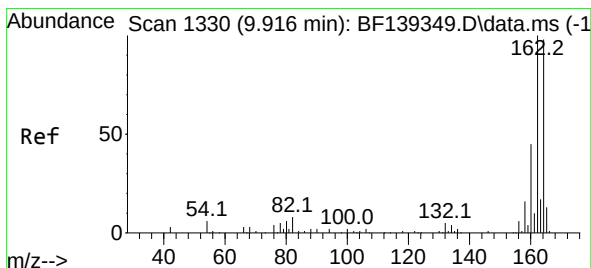
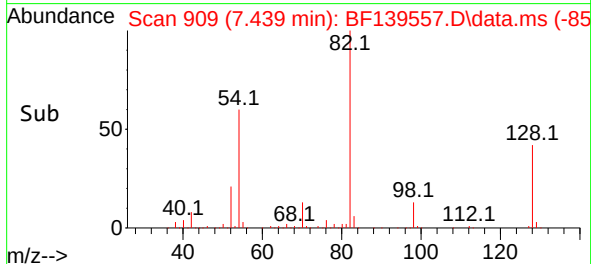
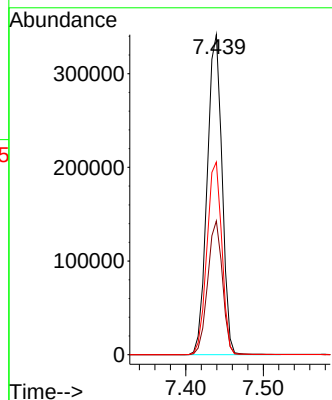
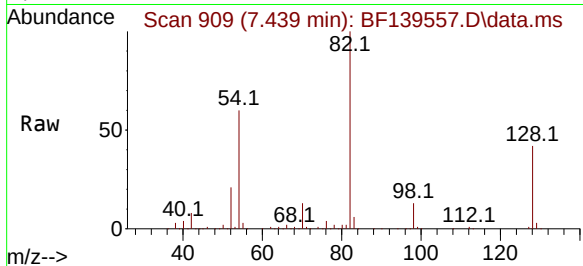




#23
 Nitrobenzene-d5
 Concen: 82.539 ng
 RT: 7.439 min Scan# 909
 Delta R.T. -0.006 min
 Lab File: BF139557.D
 Acq: 26 Sep 2024 20:26

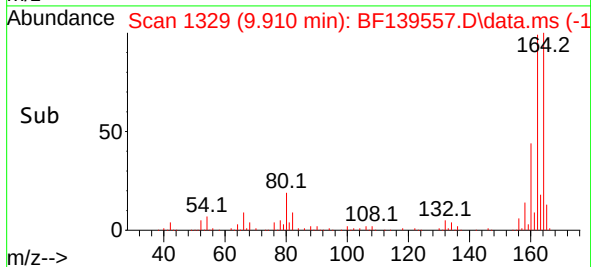
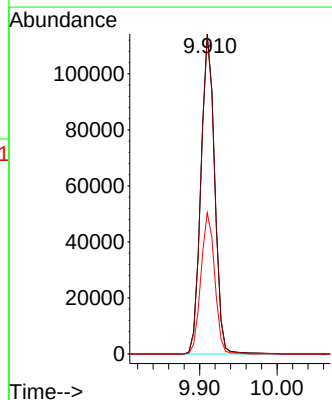
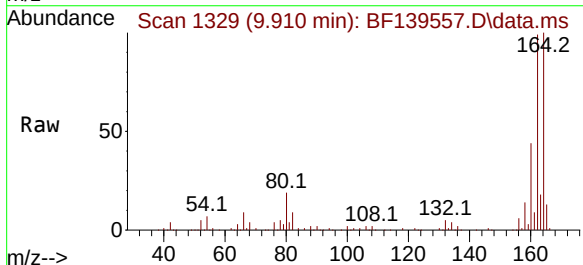
Instrument :
 BNA_F
 ClientSampleId :
 FB-1C-SYS1

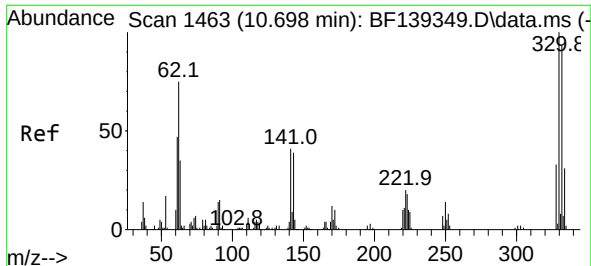
Tgt Ion: 82 Resp: 455853
 Ion Ratio Lower Upper
 82 100
 128 41.8 31.8 47.6
 54 60.2 50.6 75.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.910 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: BF139557.D
 Acq: 26 Sep 2024 20:26

Tgt Ion:164 Resp: 140424
 Ion Ratio Lower Upper
 164 100
 162 99.2 81.3 121.9
 160 44.1 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 83.921 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139557.D

Acq: 26 Sep 2024 20:26

Instrument :

BNA_F

ClientSampleId :

FB-1C-SYS1

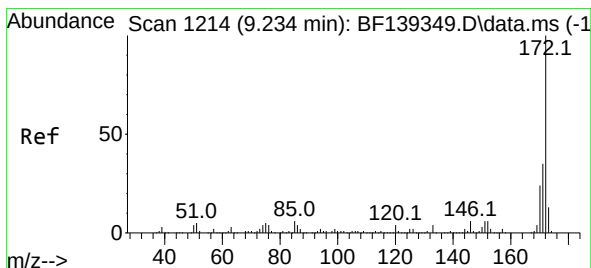
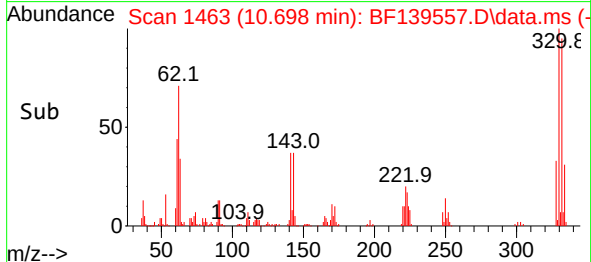
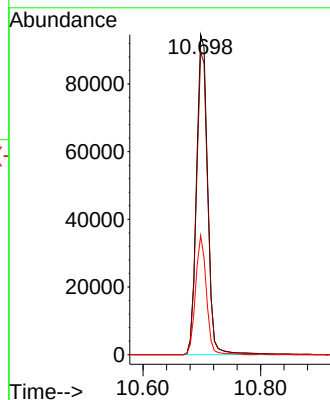
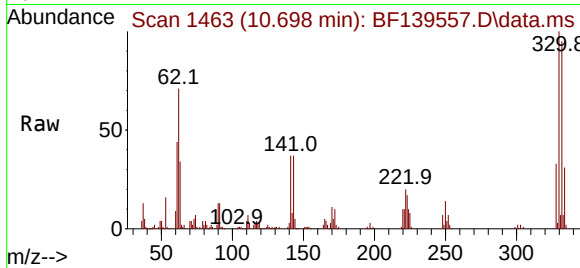
Tgt Ion:330 Resp: 125460

Ion Ratio Lower Upper

330 100

332 94.9 75.2 112.8

141 35.9 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 70.802 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139557.D

Acq: 26 Sep 2024 20:26

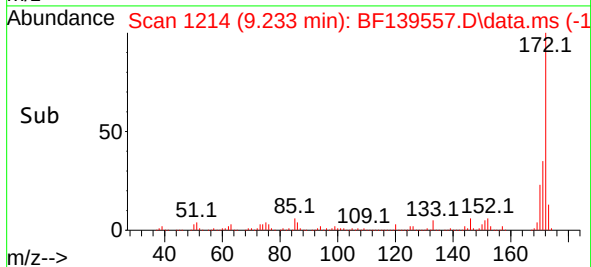
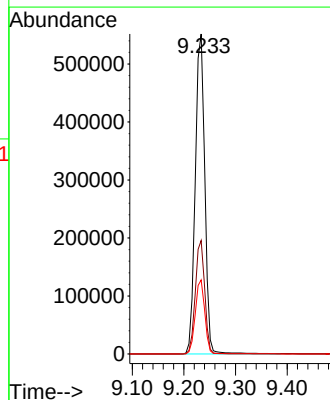
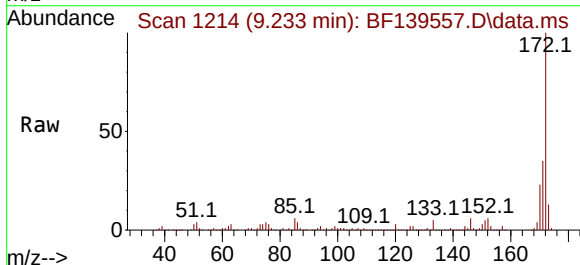
Tgt Ion:172 Resp: 708884

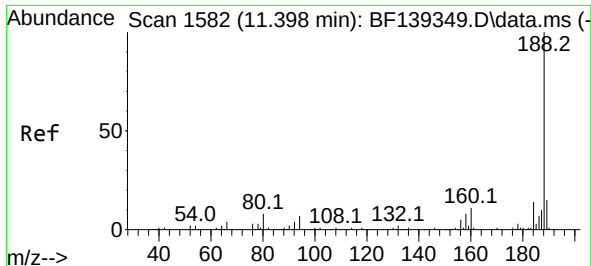
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.2 19.0 28.6

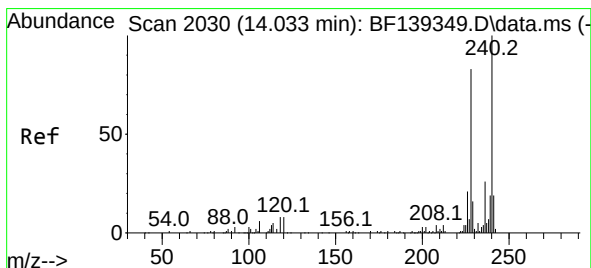
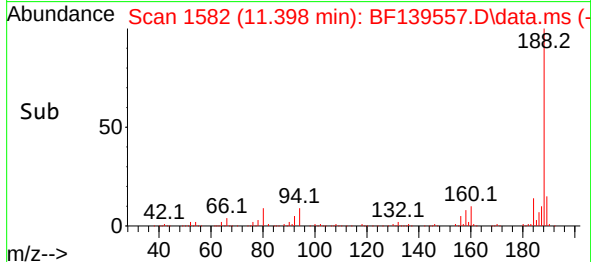
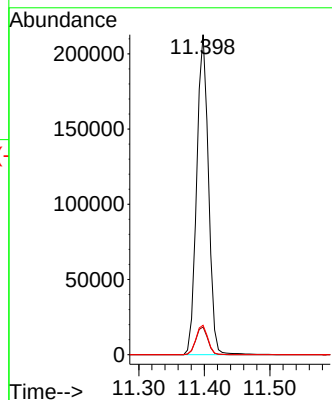
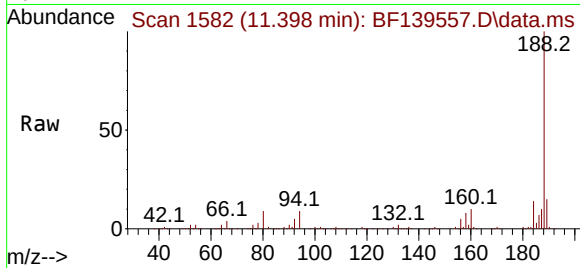




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139557.D
Acq: 26 Sep 2024 20:26

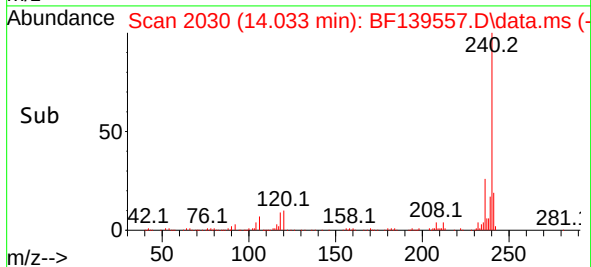
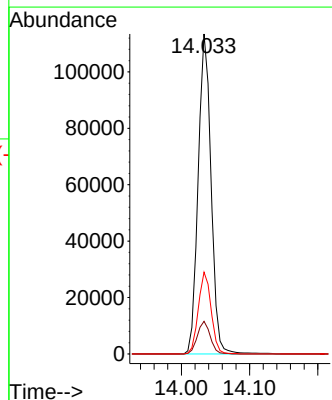
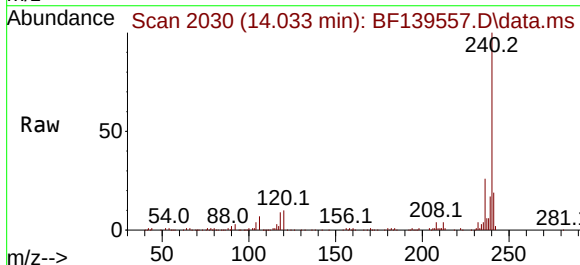
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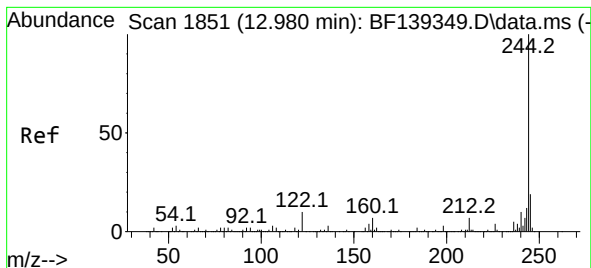
Tgt Ion:188 Resp: 265704
Ion Ratio Lower Upper
188 100
94 8.6 5.5 8.3#
80 9.2 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139557.D
Acq: 26 Sep 2024 20:26

Tgt Ion:240 Resp: 148610
Ion Ratio Lower Upper
240 100
120 10.2 6.2 9.2#
236 25.6 20.9 31.3





#79

Terphenyl-d14

Concen: 108.720 ng

RT: 12.986 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139557.D

Acq: 26 Sep 2024 20:26

Instrument :

BNA_F

ClientSampleId :

FB-1C-SYS1

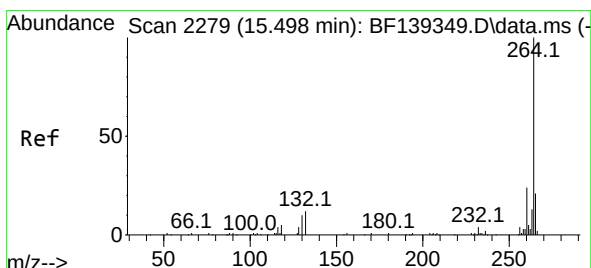
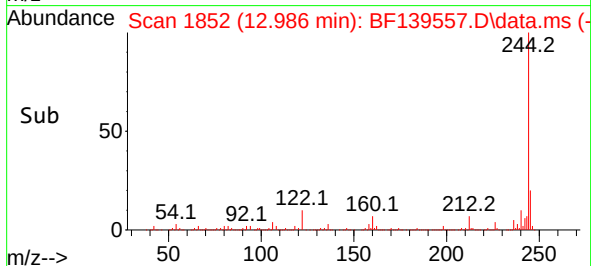
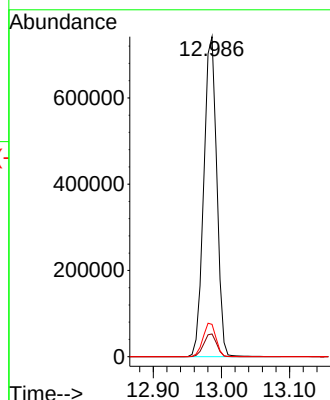
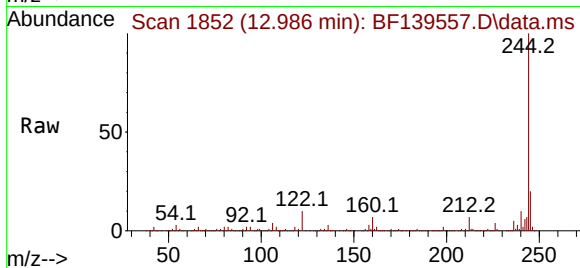
Tgt Ion:244 Resp: 984345

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 10.1 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 2281

Delta R.T. 0.012 min

Lab File: BF139557.D

Acq: 26 Sep 2024 20:26

Tgt Ion:264 Resp: 134445

Ion Ratio Lower Upper

264 100

260 22.2 19.5 29.3

265 21.7 16.6 25.0

