

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092624\
 Data File : BF139558.D
 Acq On : 26 Sep 2024 20:55
 Operator : RC/JU
 Sample : P4176-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-2C-SYS1

Quant Time: Sep 27 01:08:22 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	61781	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	231827	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	124772	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	233417	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	131782	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	124668	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	180835	47.750	ng	0.00
7) Phenol-d6	6.498	99	186773	37.574	ng	0.00
23) Nitrobenzene-d5	7.439	82	463358	93.963	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	123529	92.994	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	732754	82.366	ng	0.00
79) Terphenyl-d14	12.980	244	948170	118.098	ng	0.00

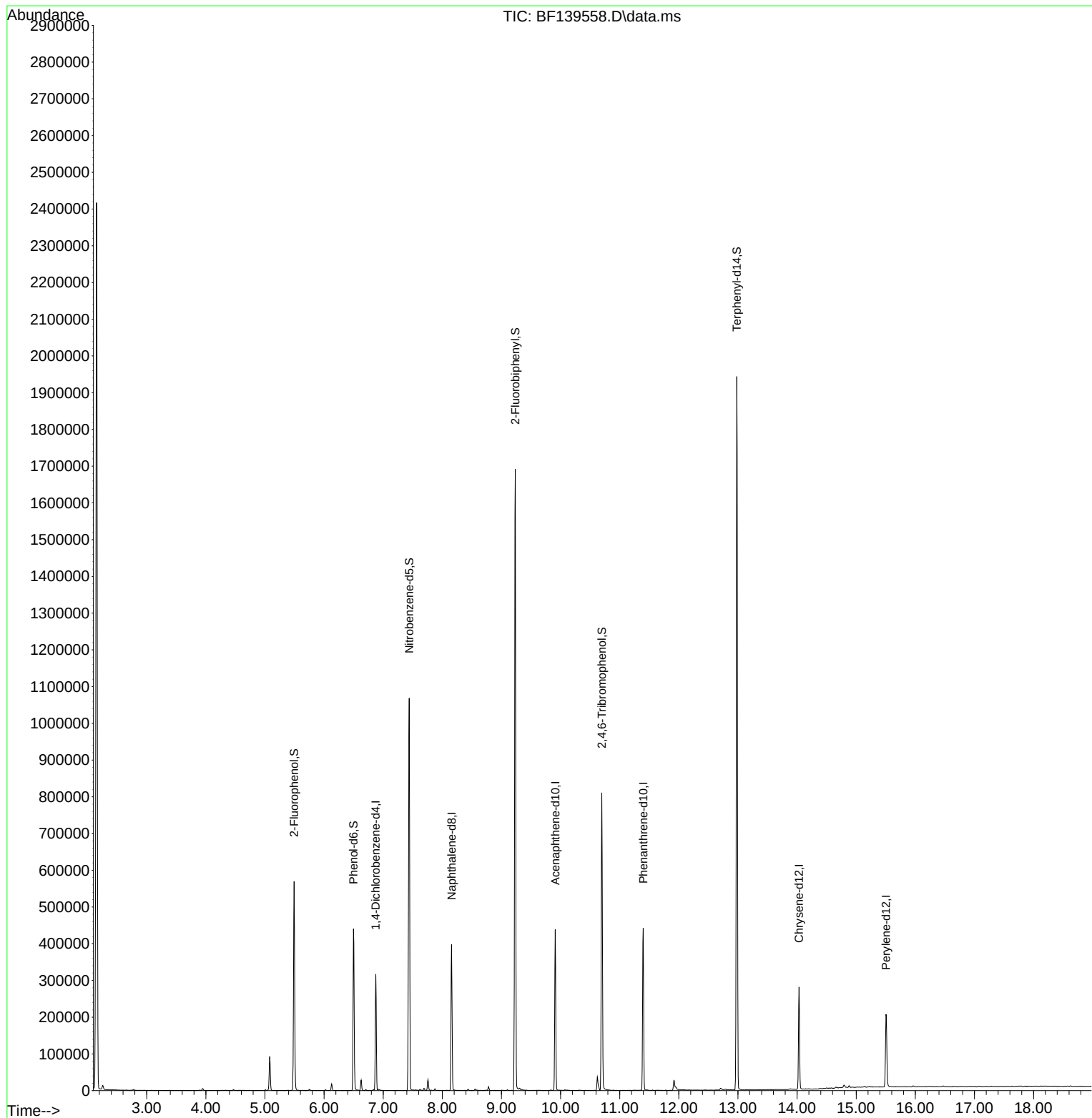
Target Compounds	Qvalue

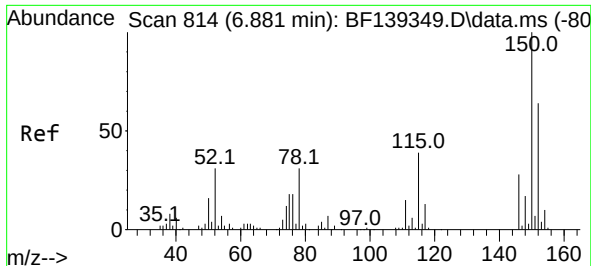
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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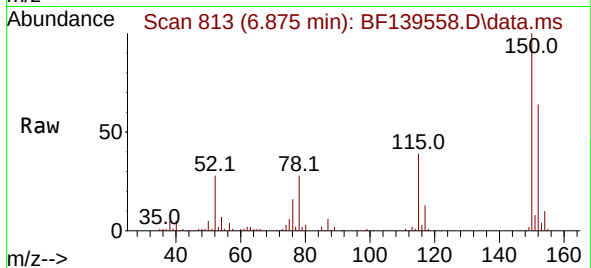
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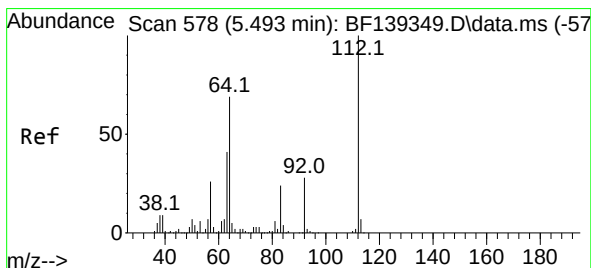
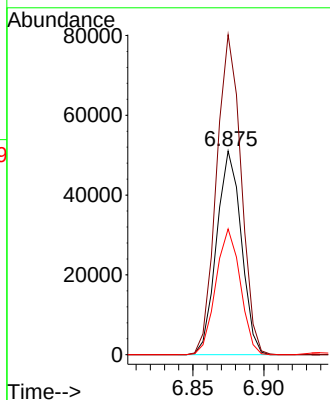
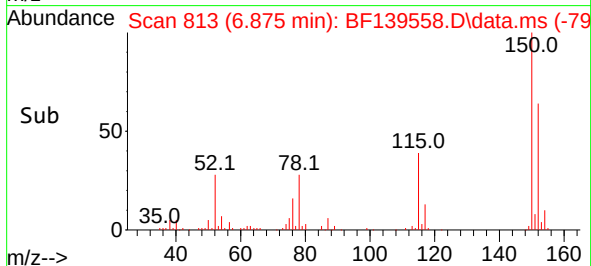


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139558.D
Acq: 26 Sep 2024 20:55

Instrument :
BNA_F
ClientSampleId :
FB-2C-SYS1

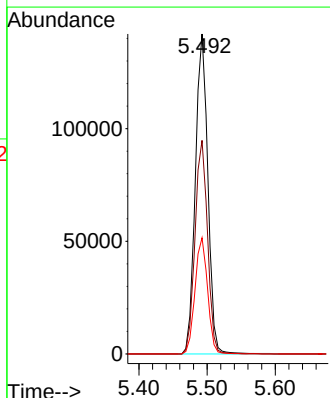
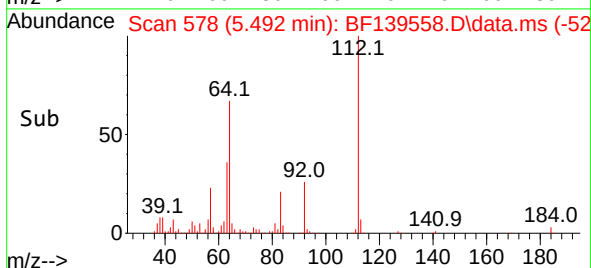
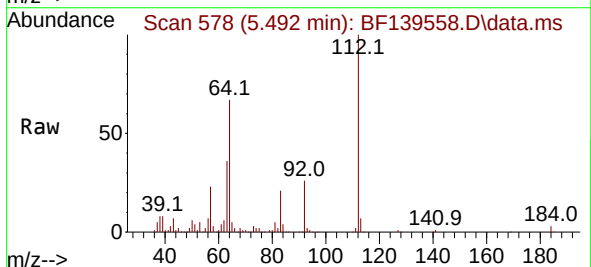


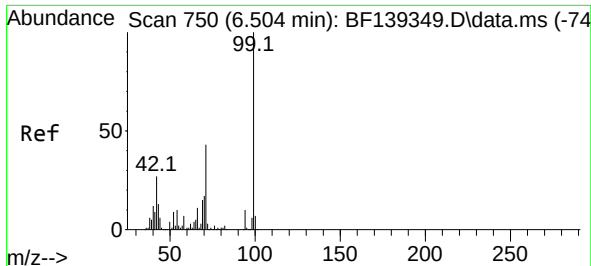
Tgt Ion:152 Resp: 61781
Ion Ratio Lower Upper
152 100
150 157.1 124.1 186.1
115 61.7 48.1 72.1



#5
2-Fluorophenol
Concen: 47.750 ng
RT: 5.492 min Scan# 578
Delta R.T. -0.001 min
Lab File: BF139558.D
Acq: 26 Sep 2024 20:55

Tgt Ion:112 Resp: 180835
Ion Ratio Lower Upper
112 100
64 66.8 54.8 82.2
63 36.3 33.0 49.4





#7

Phenol-d6

Concen: 37.574 ng

RT: 6.498 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF139558.D

Acq: 26 Sep 2024 20:55

Instrument :

BNA_F

ClientSampleId :

FB-2C-SYS1

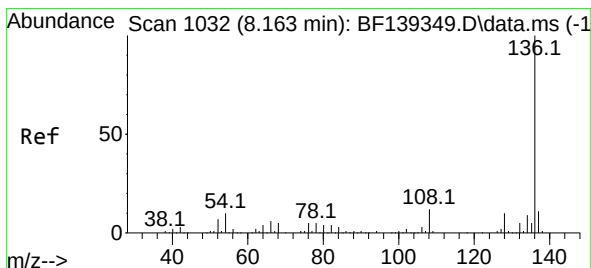
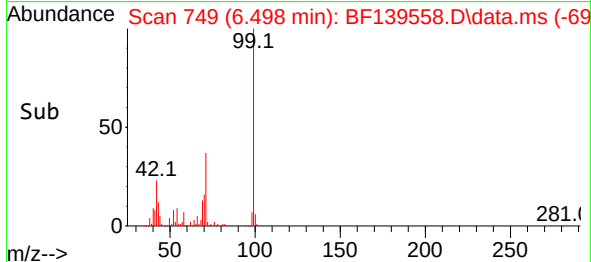
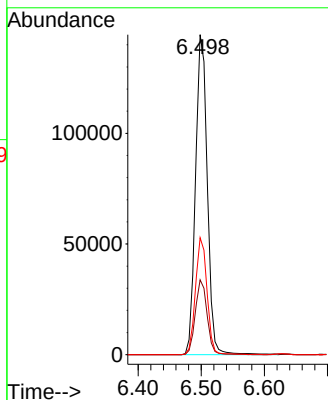
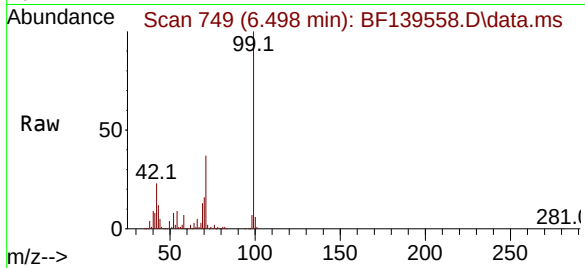
Tgt Ion: 99 Resp: 186773

Ion Ratio Lower Upper

99 100

42 23.4 21.9 32.9

71 36.5 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: BF139558.D

Acq: 26 Sep 2024 20:55

Tgt Ion: 136 Resp: 231827

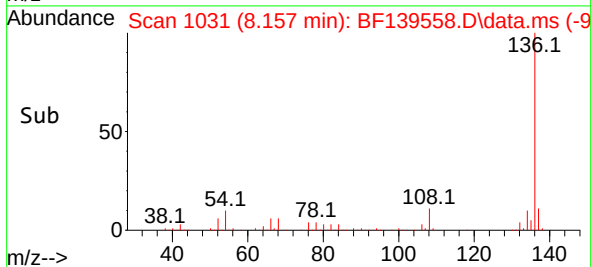
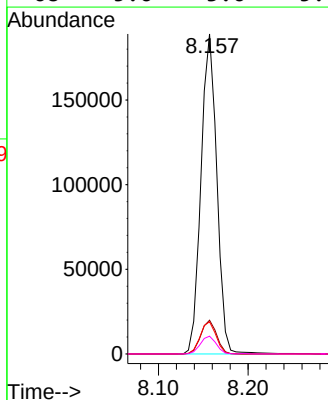
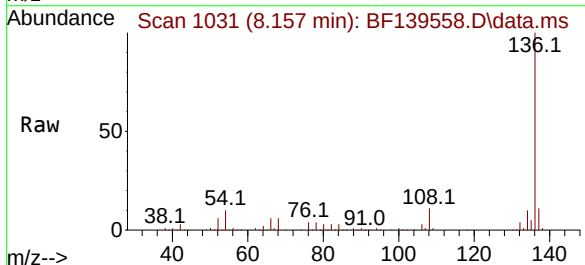
Ion Ratio Lower Upper

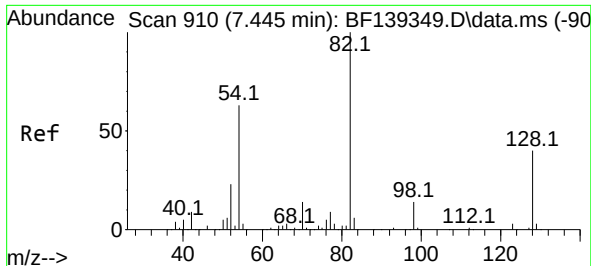
136 100

137 10.5 8.6 12.8

54 10.0 7.8 11.8

68 5.6 3.6 5.4#

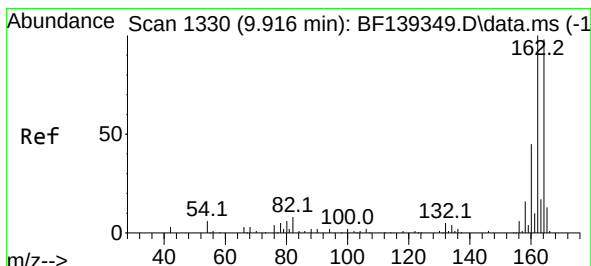
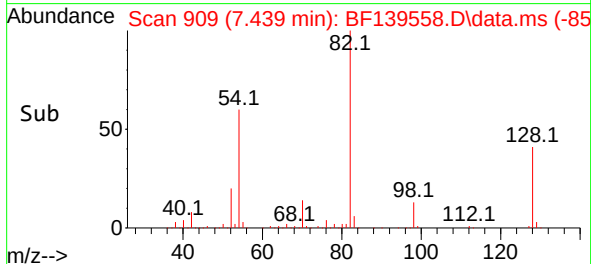
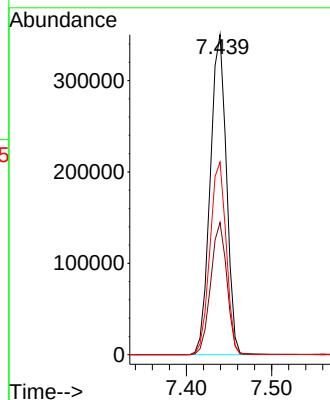
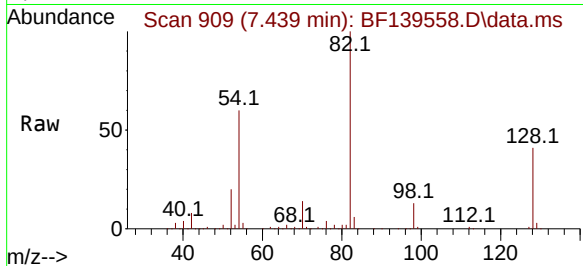




#23
Nitrobenzene-d5
Concen: 93.963 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139558.D
Acq: 26 Sep 2024 20:55

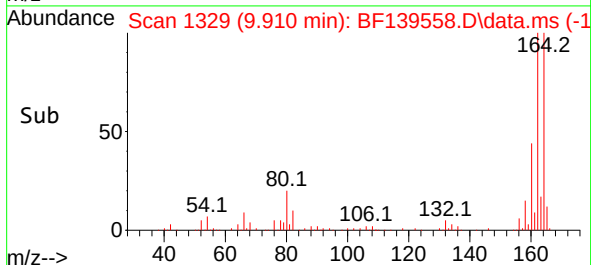
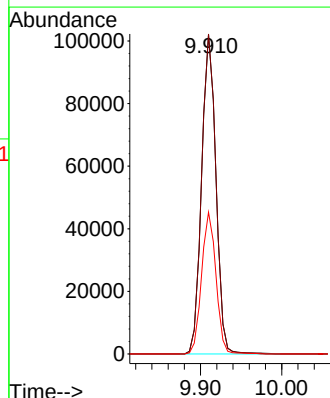
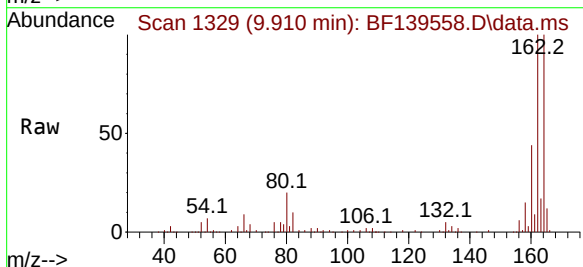
Instrument :
BNA_F
ClientSampleId :
FB-2C-SYS1

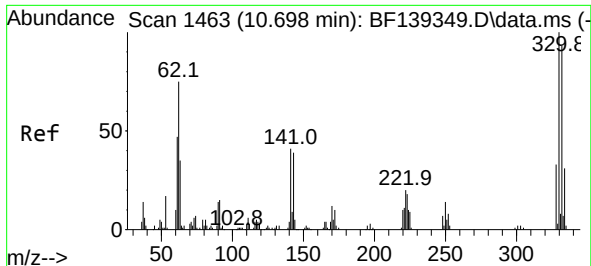
Tgt Ion: 82 Resp: 463358
Ion Ratio Lower Upper
82 100
128 41.3 31.8 47.6
54 60.2 50.6 75.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139558.D
Acq: 26 Sep 2024 20:55

Tgt Ion:164 Resp: 124772
Ion Ratio Lower Upper
164 100
162 100.1 81.3 121.9
160 44.3 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 92.994 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139558.D

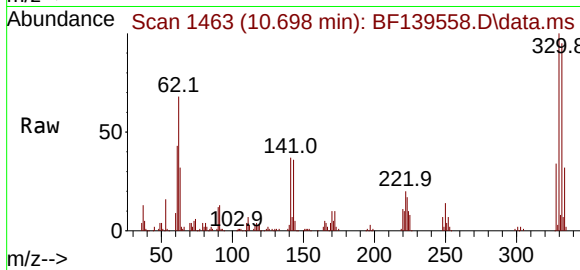
Acq: 26 Sep 2024 20:55

Instrument :

BNA_F

ClientSampleId :

FB-2C-SYS1



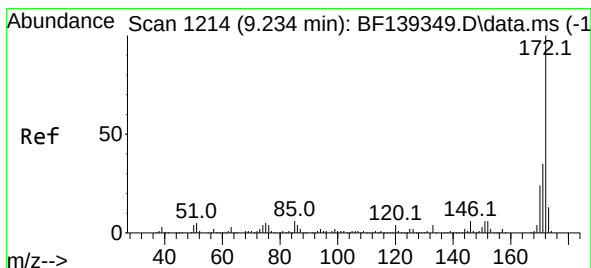
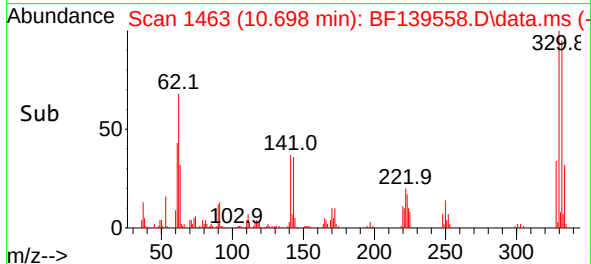
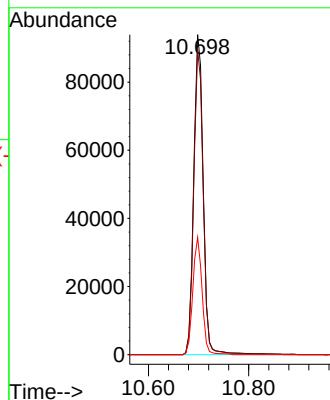
Tgt Ion:330 Resp: 123529

Ion Ratio Lower Upper

330 100

332 95.3 75.2 112.8

141 35.7 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 82.366 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139558.D

Acq: 26 Sep 2024 20:55

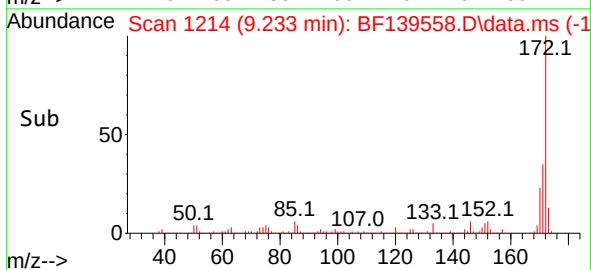
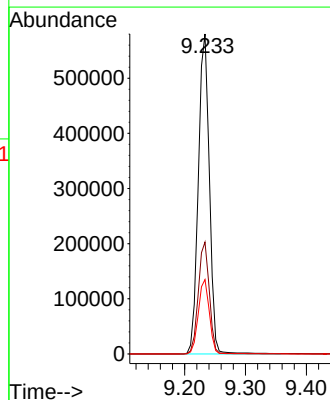
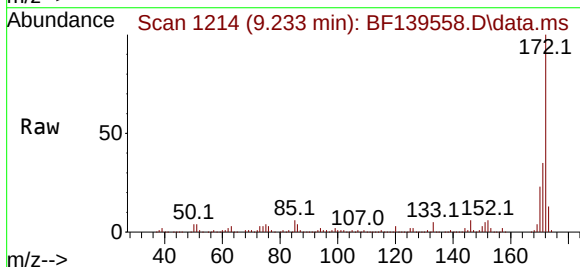
Tgt Ion:172 Resp: 732754

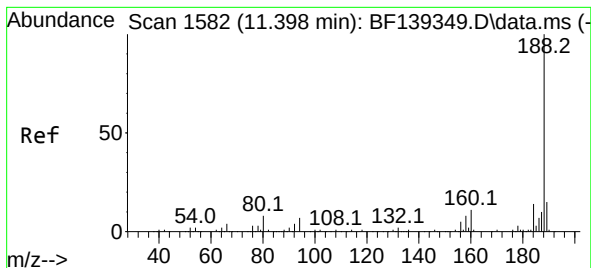
Ion Ratio Lower Upper

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: BF139558.D

Acq: 26 Sep 2024 20:55

Instrument :

BNA_F

ClientSampleId :

FB-2C-SYS1

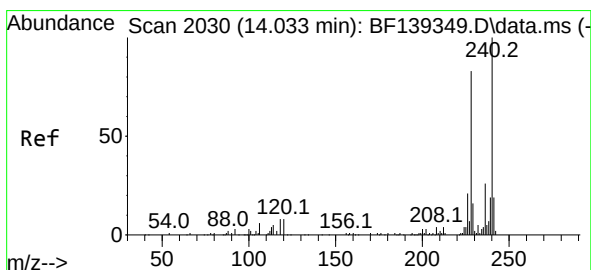
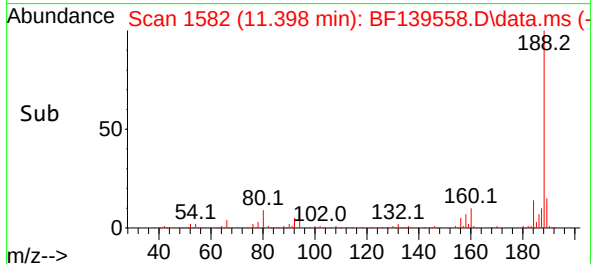
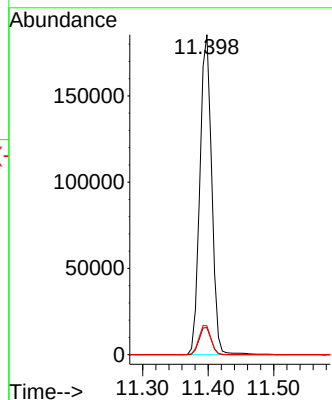
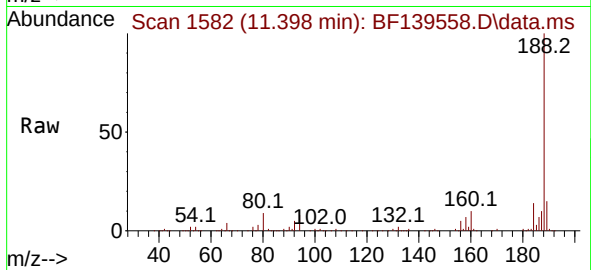
Tgt Ion:188 Resp: 233417

Ion Ratio Lower Upper

188 100

94 8.5 5.5 8.3#

80 9.0 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: BF139558.D

Acq: 26 Sep 2024 20:55

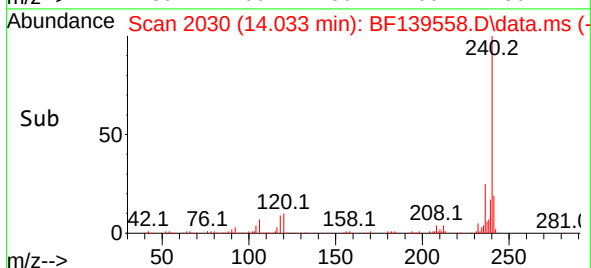
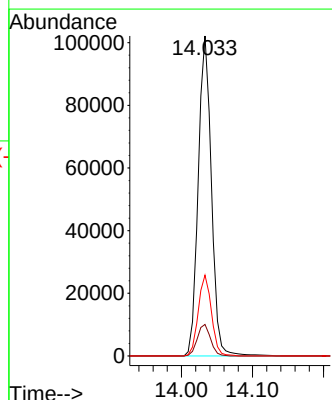
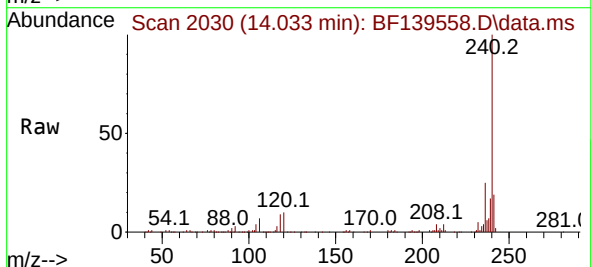
Tgt Ion:240 Resp: 131782

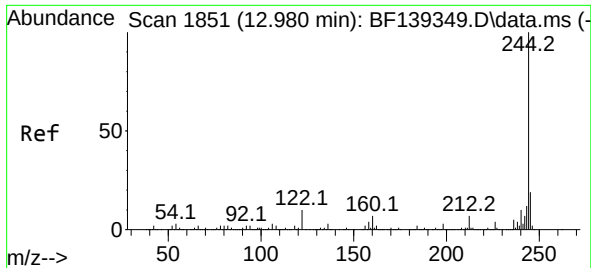
Ion Ratio Lower Upper

240 100

120 9.9 6.2 9.2#

236 25.3 20.9 31.3

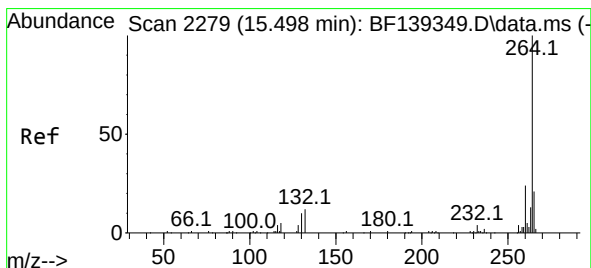
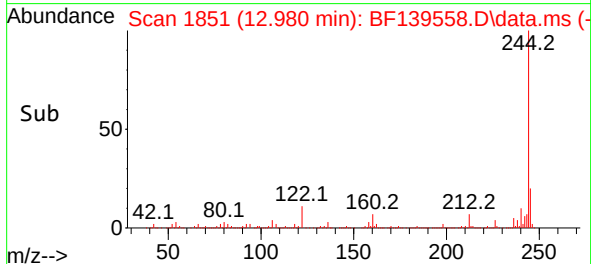
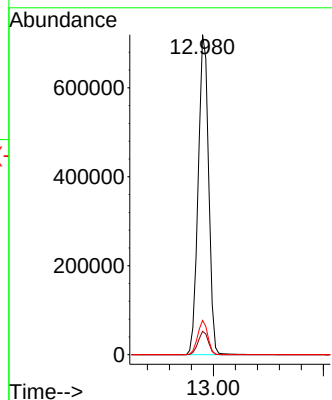
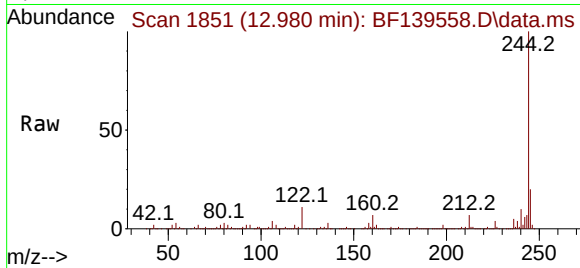




#79
Terphenyl-d14
Concen: 118.098 ng
RT: 12.980 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139558.D
Acq: 26 Sep 2024 20:55

Instrument :
BNA_F
ClientSampleId :
FB-2C-SYS1

Tgt Ion:244 Resp: 948170
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 10.7 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF139558.D
Acq: 26 Sep 2024 20:55

Tgt Ion:264 Resp: 124668
Ion Ratio Lower Upper
264 100
260 23.1 19.5 29.3
265 20.7 16.6 25.0

