

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139464.D
 Acq On : 19 Sep 2024 15:05
 Operator : RC/JU
 Sample : P4085-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PURGE-WATER

Quant Time: Sep 19 15:28:21 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	75334	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	273103	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	143674	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	247739	20.000	ng	0.00
76) Chrysene-d12	14.027	240	120289	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	122092	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	273232	59.168	ng	0.03
7) Phenol-d6	6.498	99	215965	35.630	ng	0.00
23) Nitrobenzene-d5	7.440	82	520903	89.667	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	191302	125.068	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	911140	88.944	ng	0.00
79) Terphenyl-d14	12.980	244	818630	111.705	ng	0.00

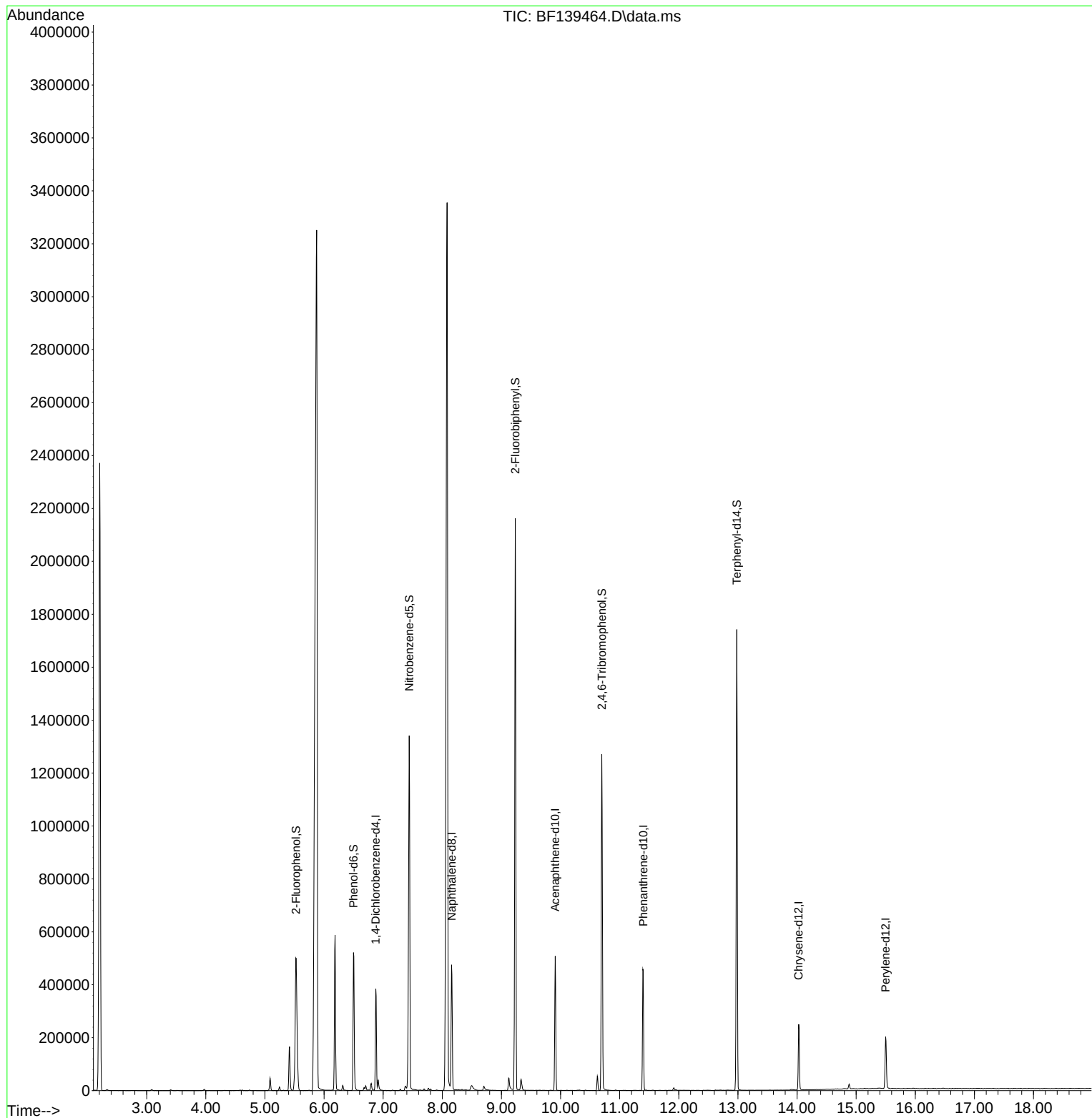
Target Compounds	Qvalue

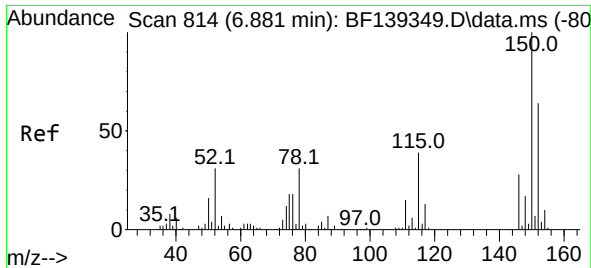
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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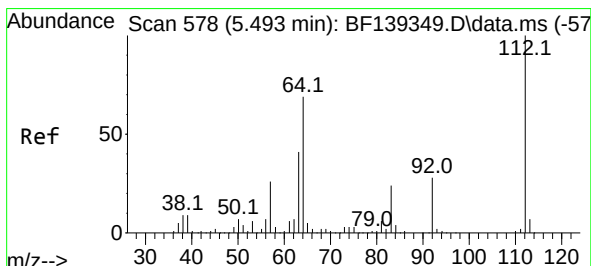
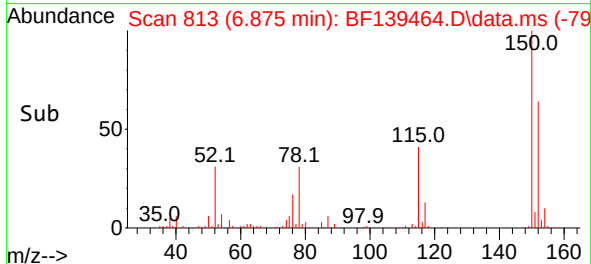
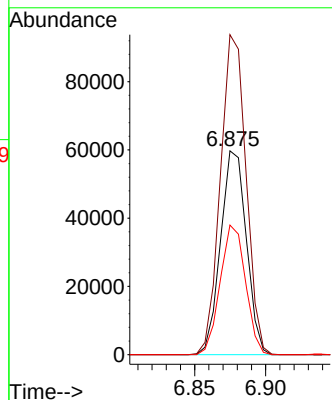
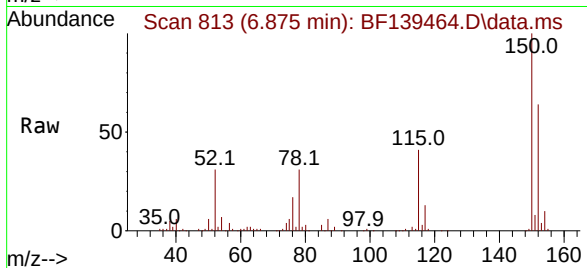




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 814
 Delta R.T. -0.006 min
 Lab File: BF139464.D
 Acq: 19 Sep 2024 15:05

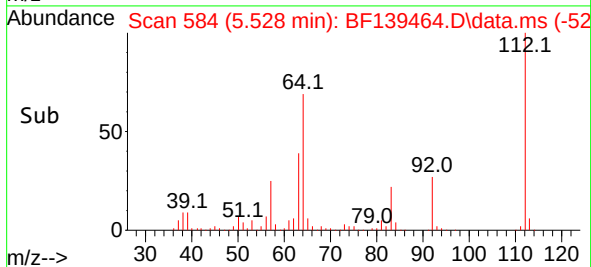
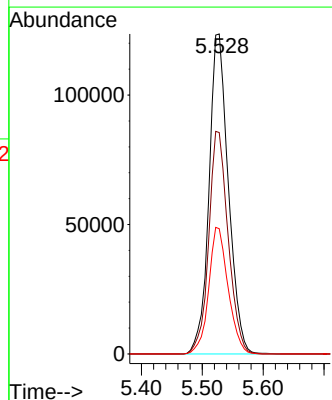
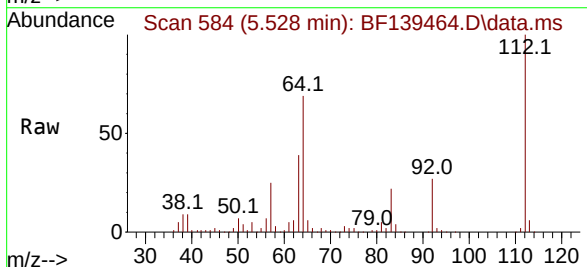
Instrument :
 BNA_F
 ClientSampleId :
 PURGE-WATER

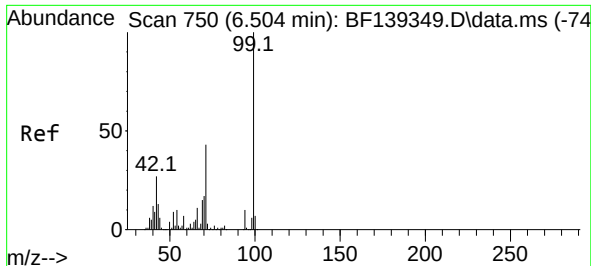
Tgt Ion:152 Resp: 75334
 Ion Ratio Lower Upper
 152 100
 150 157.0 124.1 186.1
 115 63.6 48.1 72.1



#5
 2-Fluorophenol
 Concen: 59.168 ng
 RT: 5.528 min Scan# 584
 Delta R.T. 0.035 min
 Lab File: BF139464.D
 Acq: 19 Sep 2024 15:05

Tgt Ion:112 Resp: 273232
 Ion Ratio Lower Upper
 112 100
 64 69.2 54.8 82.2
 63 39.2 33.0 49.4

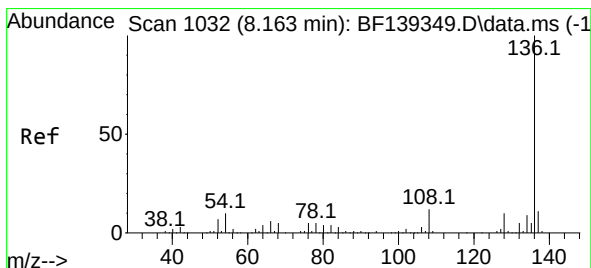
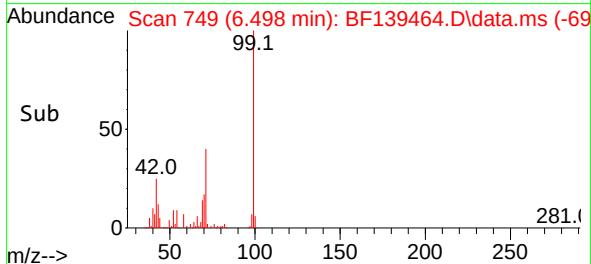
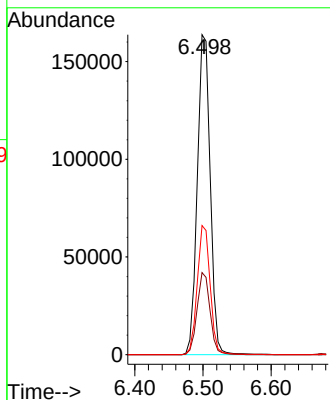
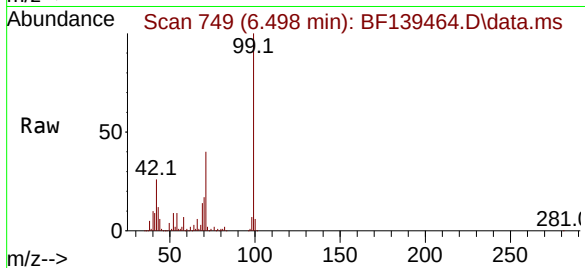




#7
Phenol-d6
Concen: 35.630 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF139464.D
Acq: 19 Sep 2024 15:05

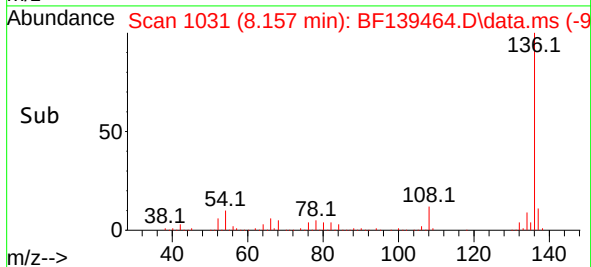
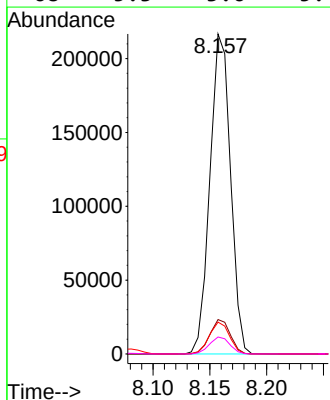
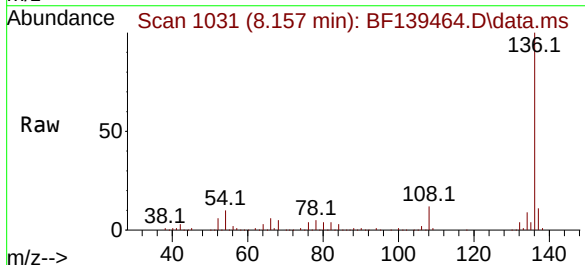
Instrument :
BNA_F
ClientSampleId :
PURGE-WATER

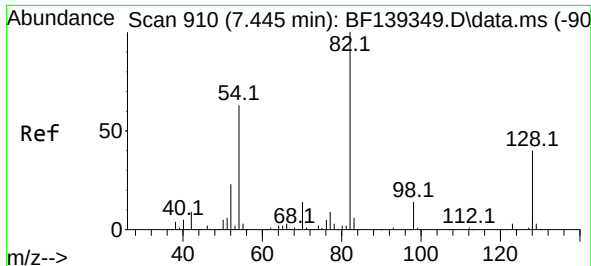
Tgt Ion: 99 Resp: 215965
Ion Ratio Lower Upper
99 100
42 25.6 21.9 32.9
71 40.3 34.6 52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139464.D
Acq: 19 Sep 2024 15:05

Tgt Ion: 136 Resp: 273103
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 10.0 7.8 11.8
68 5.3 3.6 5.4





#23

Nitrobenzene-d5

Concen: 89.667 ng

RT: 7.440 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139464.D

Acq: 19 Sep 2024 15:05

Instrument :

BNA_F

ClientSampleId :

PURGE-WATER

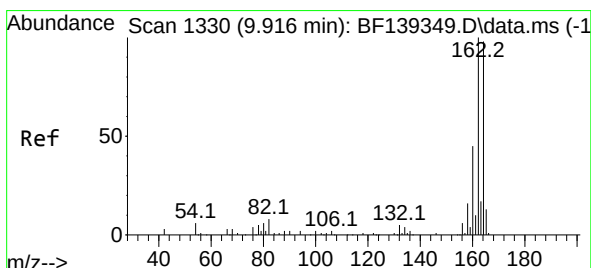
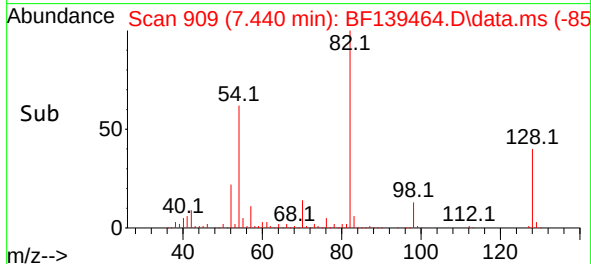
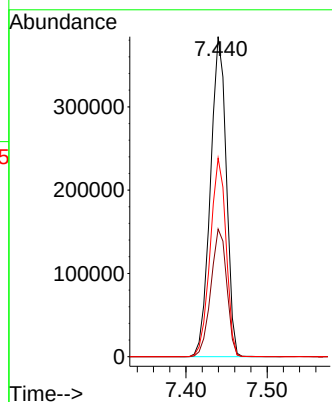
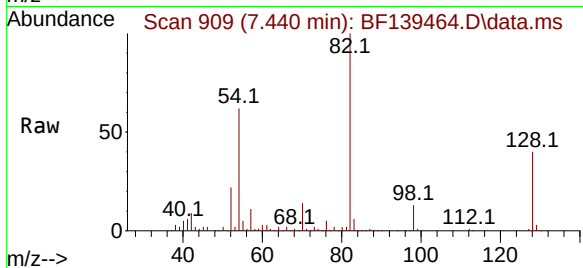
Tgt Ion: 82 Resp: 520903

Ion Ratio Lower Upper

82 100

128 39.9 31.8 47.6

54 62.1 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: BF139464.D

Acq: 19 Sep 2024 15:05

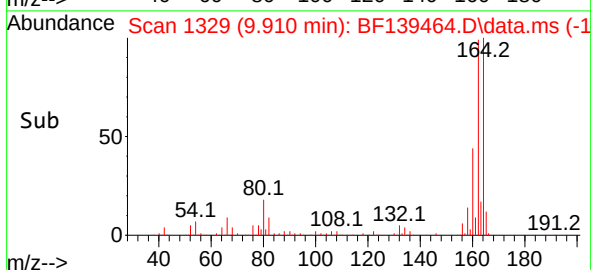
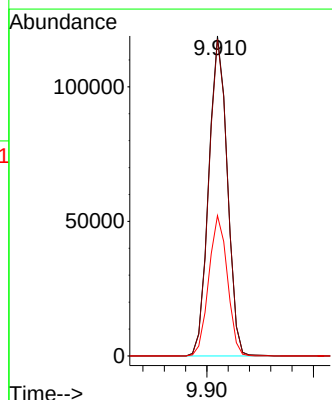
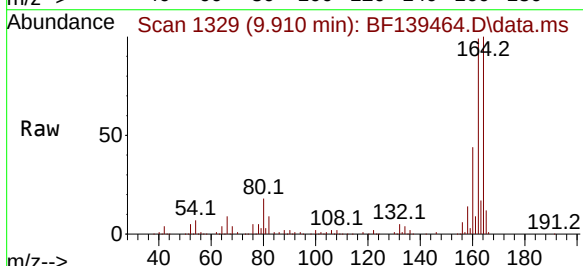
Tgt Ion:164 Resp: 143674

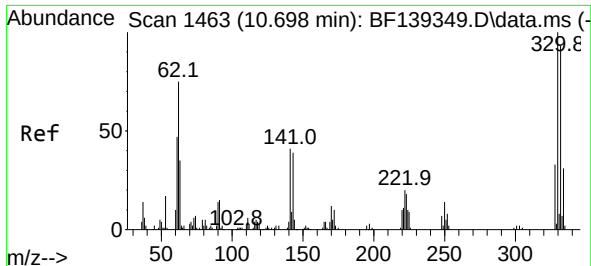
Ion Ratio Lower Upper

164 100

162 99.0 81.3 121.9

160 43.8 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 125.068 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139464.D

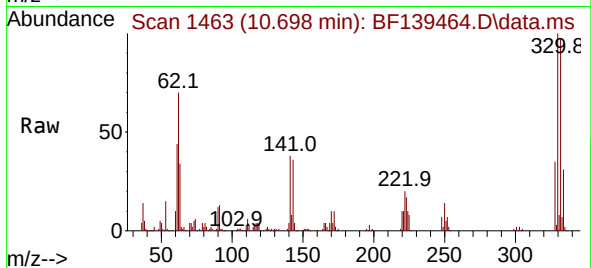
Acq: 19 Sep 2024 15:05

Instrument :

BNA_F

ClientSampleId :

PURGE-WATER



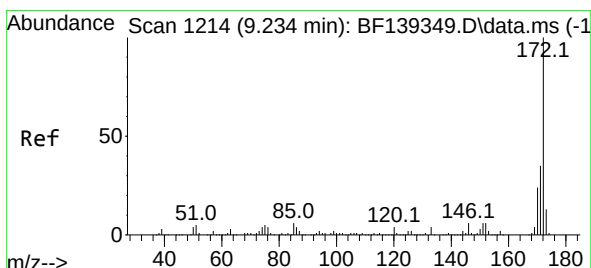
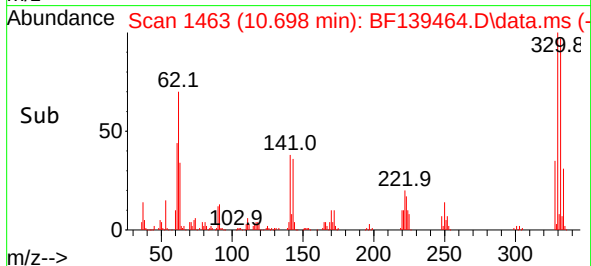
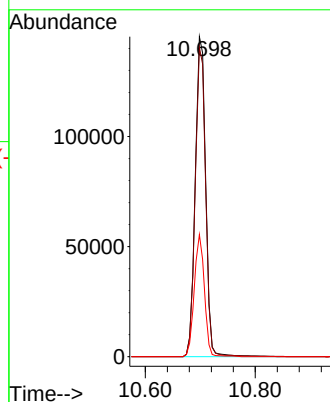
Tgt Ion:330 Resp: 191302

Ion Ratio Lower Upper

330 100

332 96.5 75.2 112.8

141 37.1 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 88.944 ng

RT: 9.234 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139464.D

Acq: 19 Sep 2024 15:05

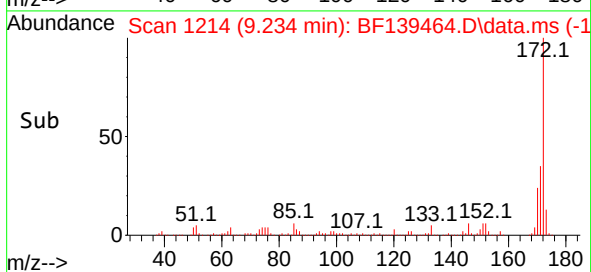
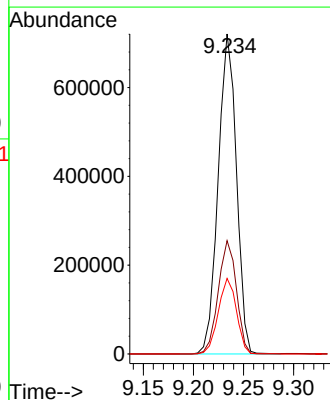
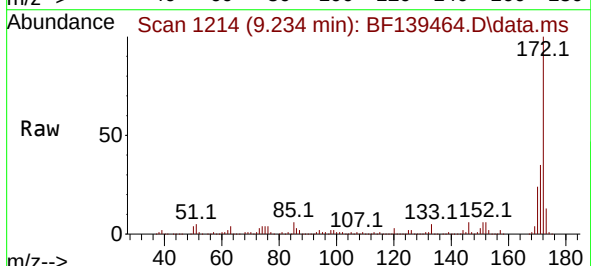
Tgt Ion:172 Resp: 911140

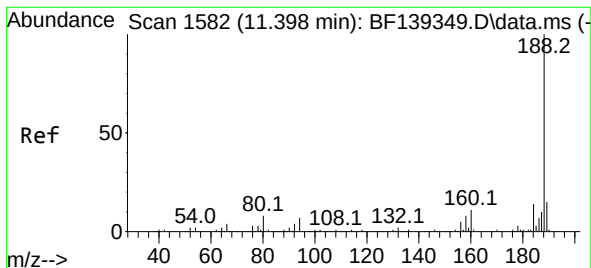
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.6 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: BF139464.D

Acq: 19 Sep 2024 15:05

Instrument :

BNA_F

ClientSampleId :

PURGE-WATER

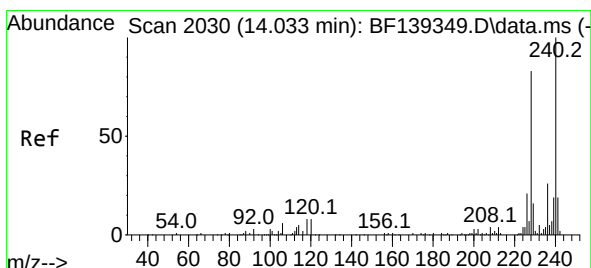
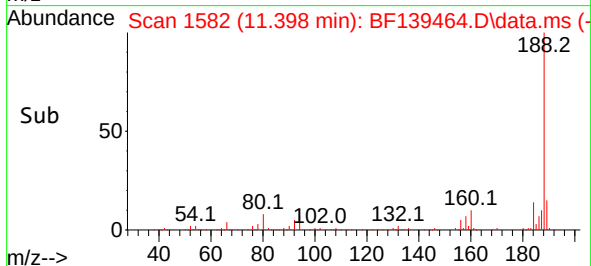
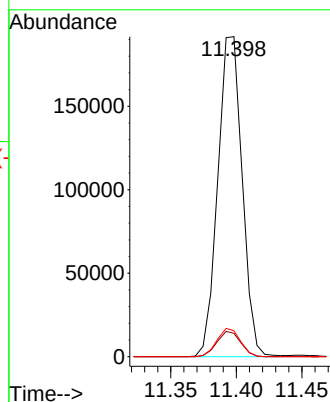
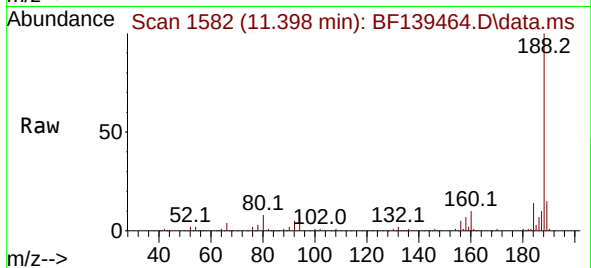
Tgt Ion:188 Resp: 247739

Ion Ratio Lower Upper

188 100

94 7.3 5.5 8.3

80 8.1 6.6 9.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF139464.D

Acq: 19 Sep 2024 15:05

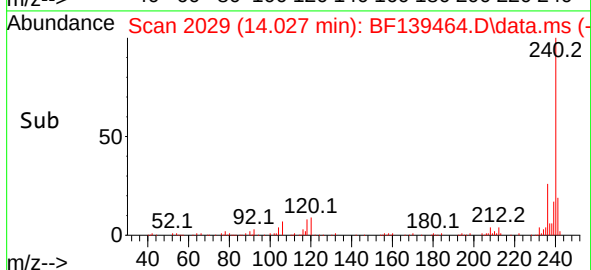
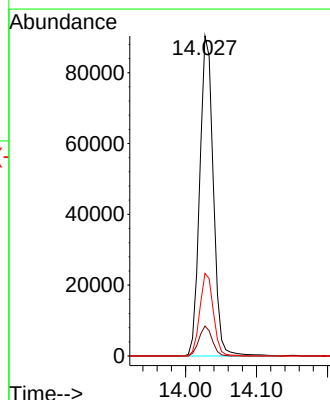
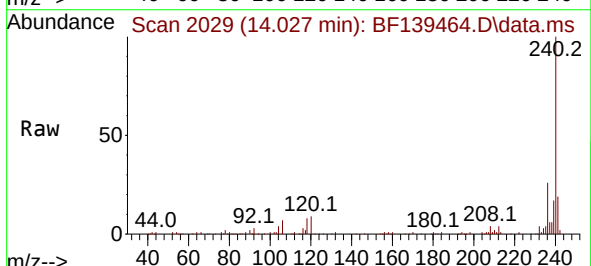
Tgt Ion:240 Resp: 120289

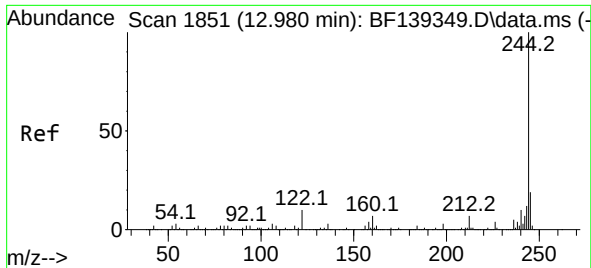
Ion Ratio Lower Upper

240 100

120 9.3 6.2 9.2#

236 25.8 20.9 31.3

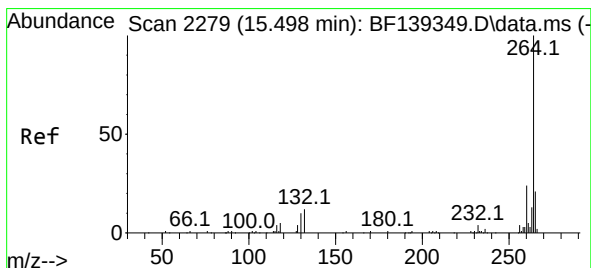
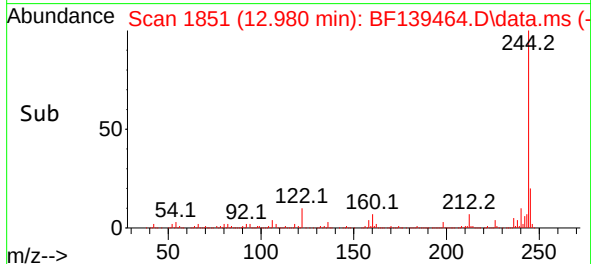
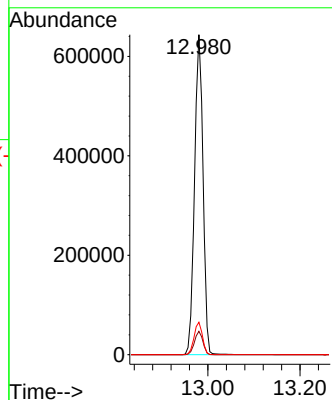
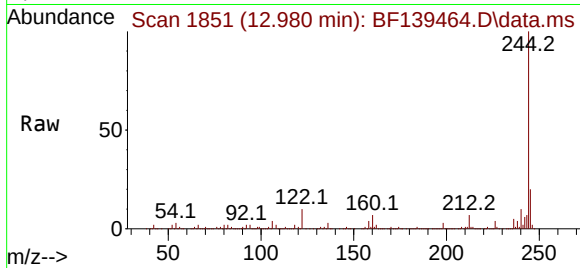




#79
 Terphenyl-d14
 Concen: 111.705 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF139464.D
 Acq: 19 Sep 2024 15:05

Instrument :
 BNA_F
 ClientSampleId :
 PURGE-WATER

Tgt Ion:244 Resp: 818630
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 10.2 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2279
 Delta R.T. -0.000 min
 Lab File: BF139464.D
 Acq: 19 Sep 2024 15:05

Tgt Ion:264 Resp: 122092
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.5 29.3
 265 20.5 16.6 25.0

