

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100724\
 Data File : BF139690.D
 Acq On : 07 Oct 2024 17:02
 Operator : RC/JU
 Sample : P4285-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WATER-TOTES

Quant Time: Oct 07 17:31:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	90457	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	326769	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	178080	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	307222	20.000	ng	0.00
76) Chrysene-d12	14.027	240	161840	20.000	ng	0.00
86) Perylene-d12	15.498	264	175613	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	327797	62.809	ng	0.00
7) Phenol-d6	6.498	99	272466	38.822	ng	0.00
23) Nitrobenzene-d5	7.428	82	599770	92.930	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	221061	128.593	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1042197	89.845	ng	0.00
79) Terphenyl-d14	12.974	244	915108	92.779	ng	0.00

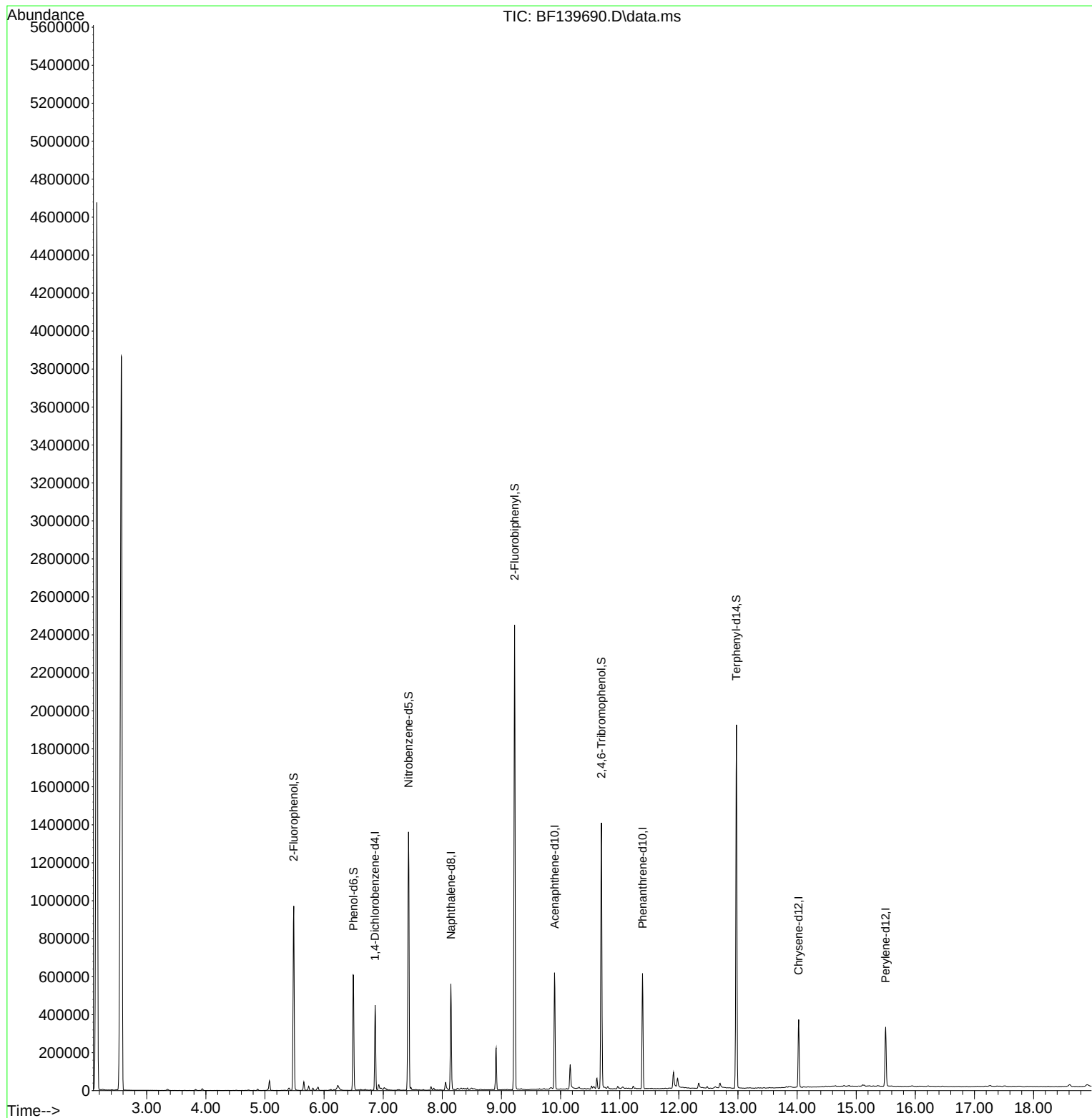
Target Compounds	Qvalue

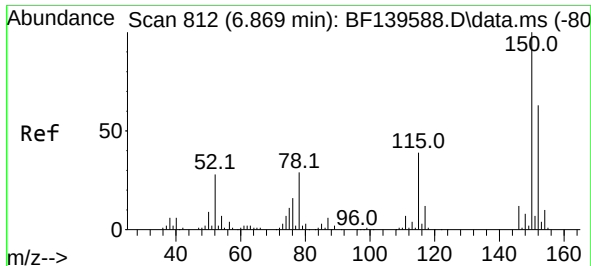
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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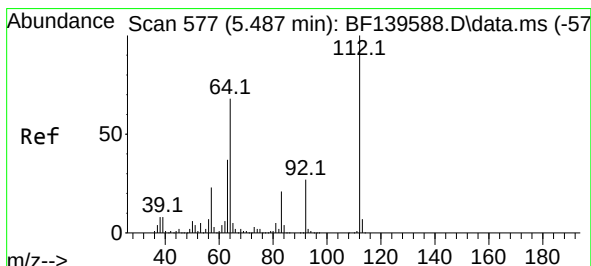
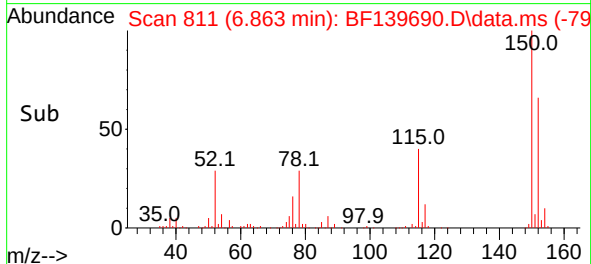
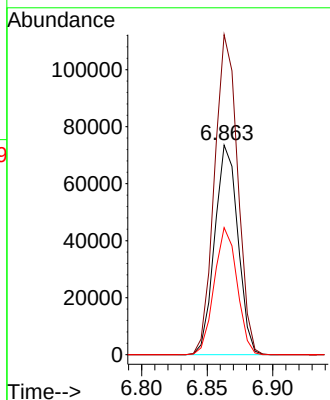
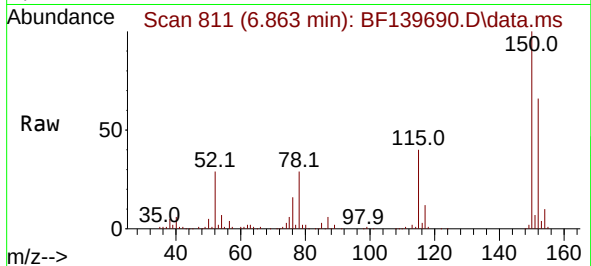




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139690.D
Acq: 07 Oct 2024 17:02

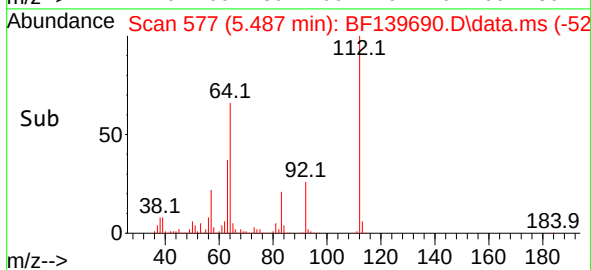
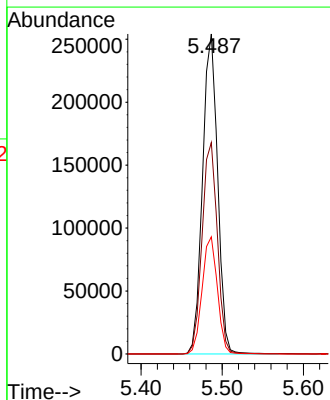
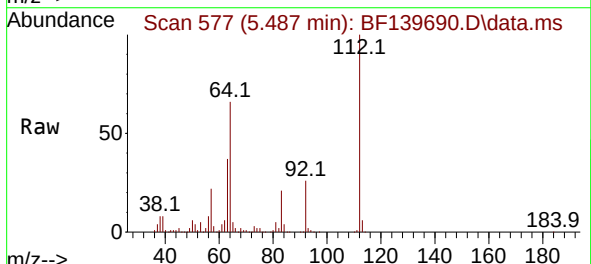
Instrument :
BNA_F
ClientSampleId :
WATER-TOTES

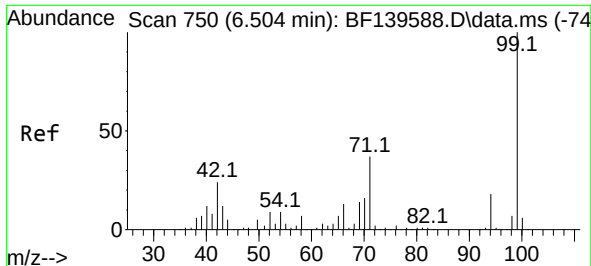
Tgt Ion:152 Resp: 90457
Ion Ratio Lower Upper
152 100
150 152.7 127.2 190.8
115 60.6 49.0 73.4



#5
2-Fluorophenol
Concen: 62.809 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139690.D
Acq: 07 Oct 2024 17:02

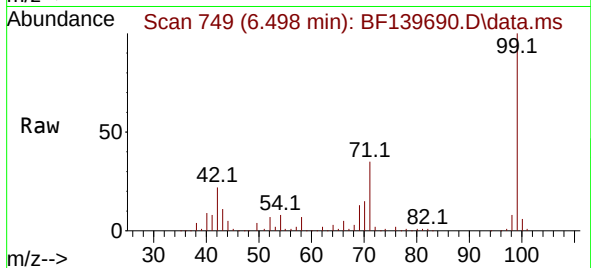
Tgt Ion:112 Resp: 327797
Ion Ratio Lower Upper
112 100
64 66.1 54.2 81.4
63 36.6 29.4 44.2



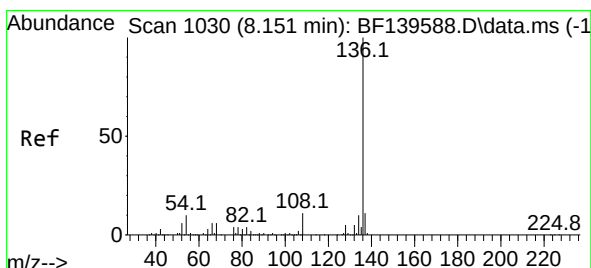
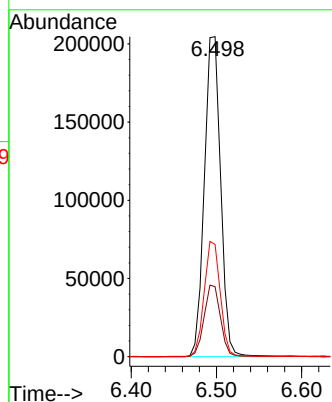
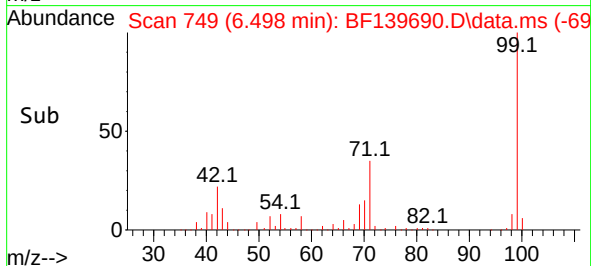


#7
Phenol-d6
Concen: 38.822 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139690.D
Acq: 07 Oct 2024 17:02

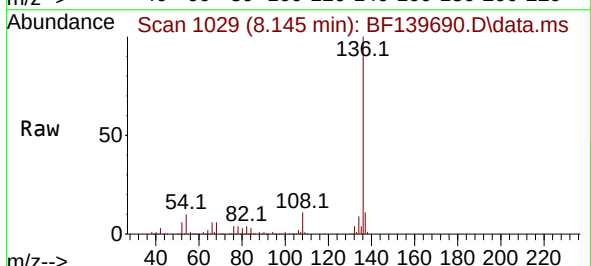
Instrument :
BNA_F
ClientSampleId :
WATER-TOTES



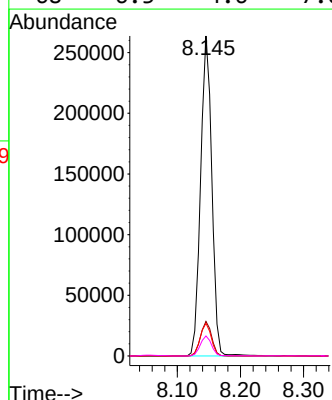
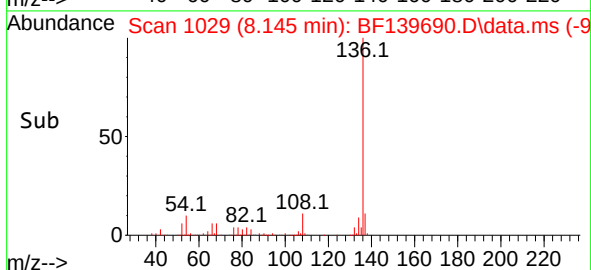
Tgt Ion: 99 Resp: 272466
Ion Ratio Lower Upper
99 100
42 21.9 19.1 28.7
71 35.1 29.7 44.5

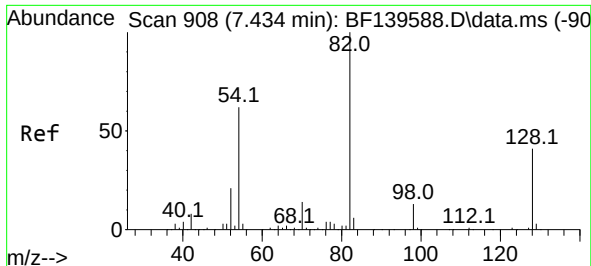


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139690.D
Acq: 07 Oct 2024 17:02



Tgt Ion: 136 Resp: 326769
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.2 8.3 12.5
68 6.3 4.6 7.0





#23

Nitrobenzene-d5

Concen: 92.930 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF139690.D

Acq: 07 Oct 2024 17:02

Instrument :

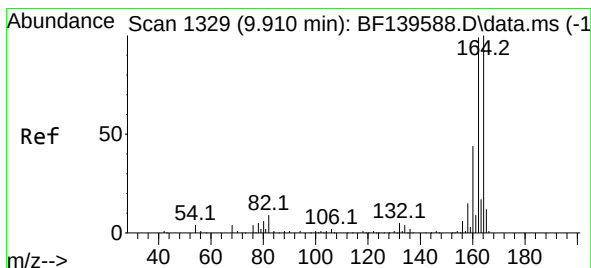
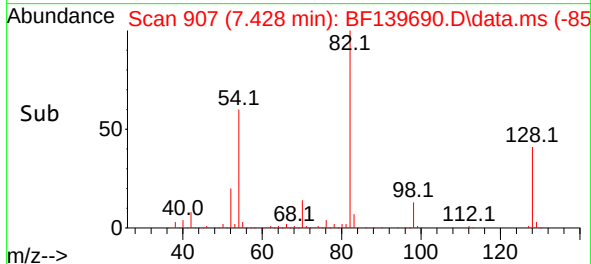
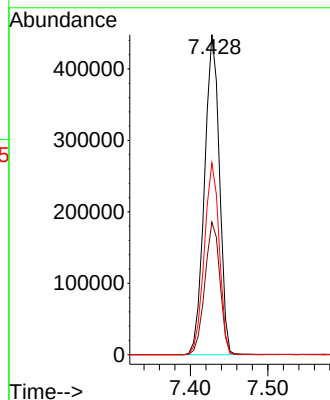
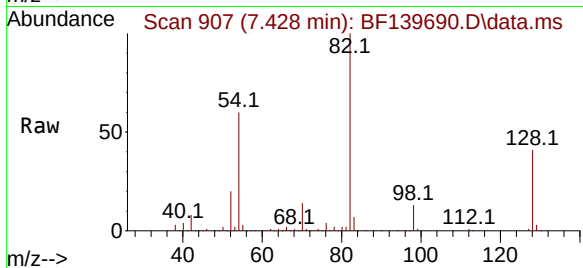
BNA_F

ClientSampleId :

WATER-TOTES

Tgt Ion: 82 Resp: 599770

Ion	Ratio	Lower	Upper
82	100		
128	41.4	32.4	48.6
54	60.0	49.1	73.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1327

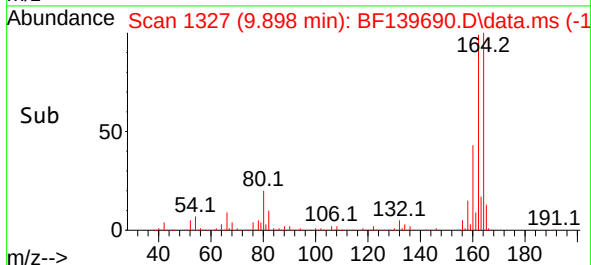
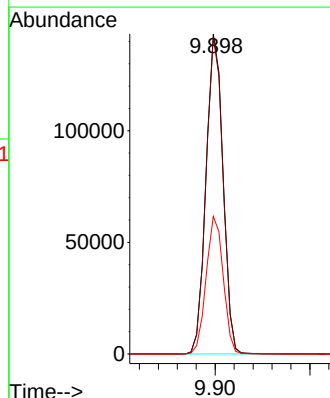
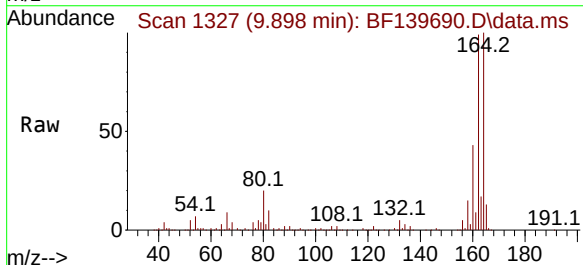
Delta R.T. -0.012 min

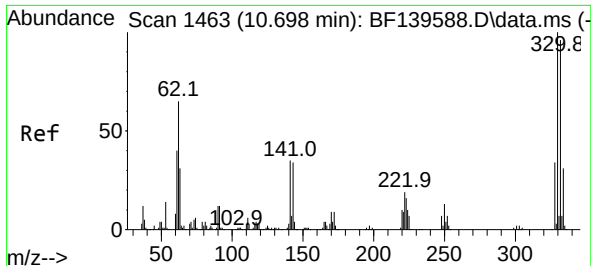
Lab File: BF139690.D

Acq: 07 Oct 2024 17:02

Tgt Ion:164 Resp: 178080

Ion	Ratio	Lower	Upper
164	100		
162	99.1	79.4	119.0
160	43.0	35.1	52.7





#42

2,4,6-Tribromophenol

Concen: 128.593 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF139690.D

Acq: 07 Oct 2024 17:02

Instrument :

BNA_F

ClientSampleId :

WATER-TOTES

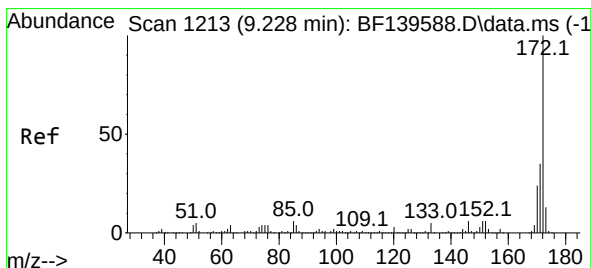
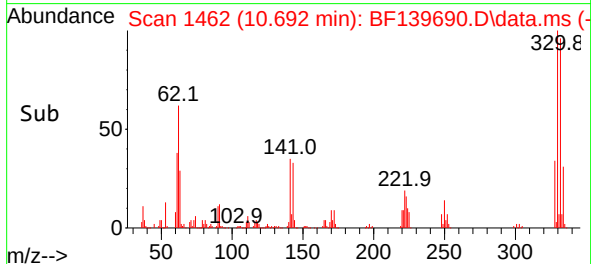
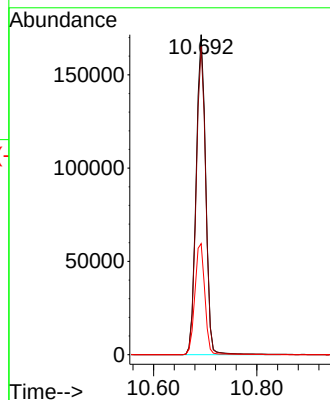
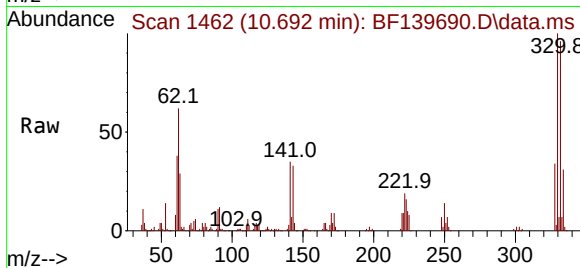
Tgt Ion:330 Resp: 221061

Ion Ratio Lower Upper

330 100

332 96.0 76.5 114.7

141 36.0 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 89.845 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF139690.D

Acq: 07 Oct 2024 17:02

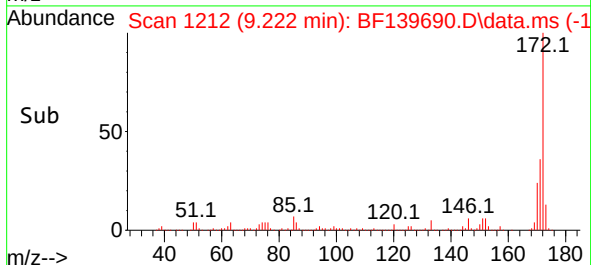
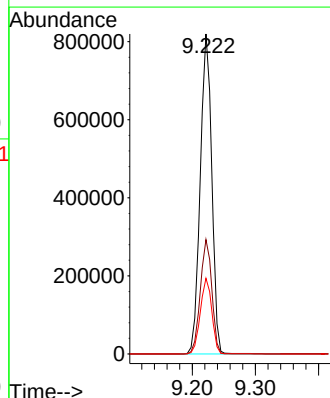
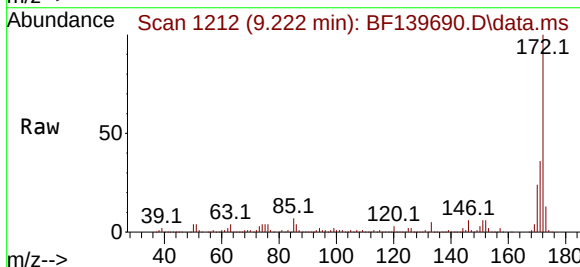
Tgt Ion:172 Resp: 1042197

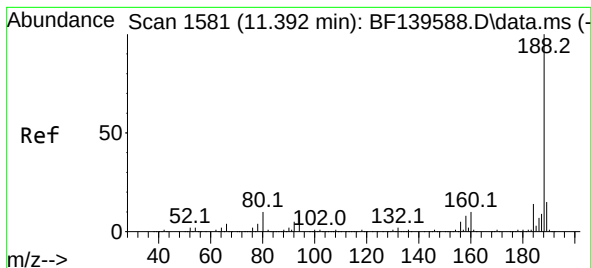
Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.4

170 23.7 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139690.D

Acq: 07 Oct 2024 17:02

Instrument :

BNA_F

ClientSampleId :

WATER-TOTES

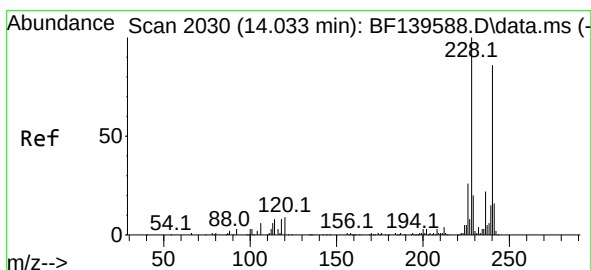
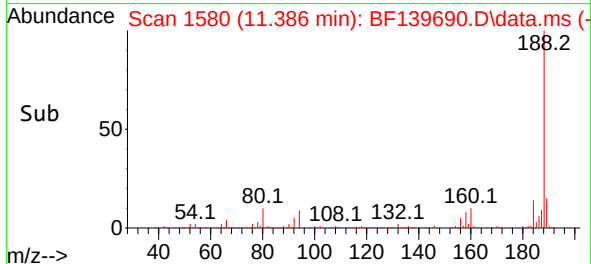
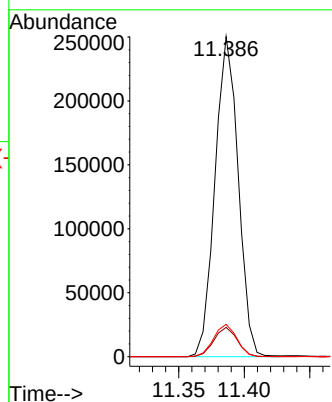
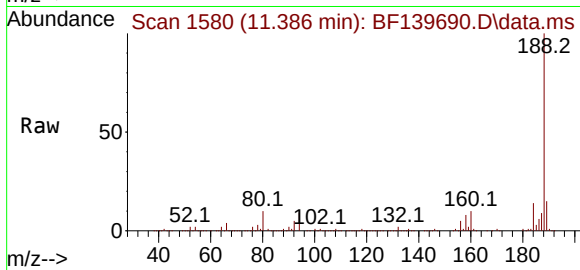
Tgt Ion:188 Resp: 307222

Ion Ratio Lower Upper

188 100

94 9.1 7.4 11.2

80 10.1 8.2 12.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF139690.D

Acq: 07 Oct 2024 17:02

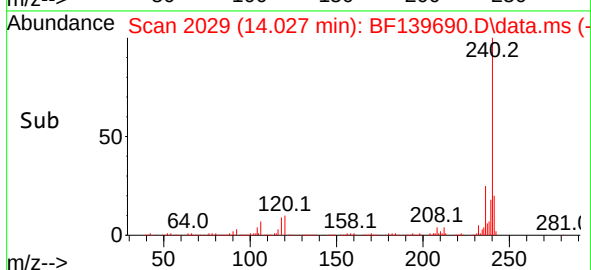
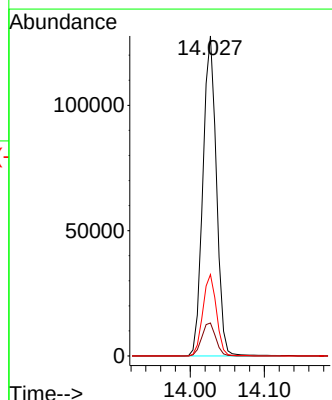
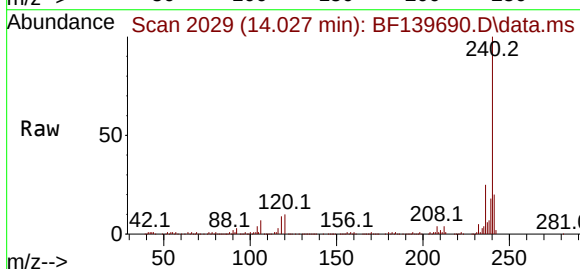
Tgt Ion:240 Resp: 161840

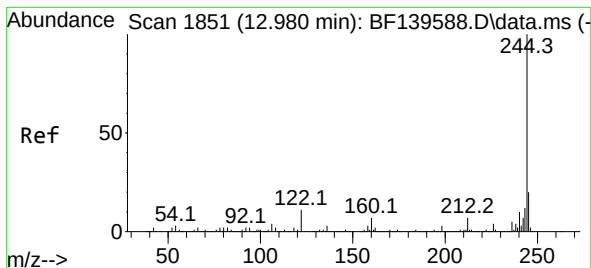
Ion Ratio Lower Upper

240 100

120 10.3 8.4 12.6

236 25.5 20.3 30.5





#79

Terphenyl-d14

Concen: 92.779 ng

RT: 12.974 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139690.D

Acq: 07 Oct 2024 17:02

Instrument :

BNA_F

ClientSampleId :

WATER-TOTES

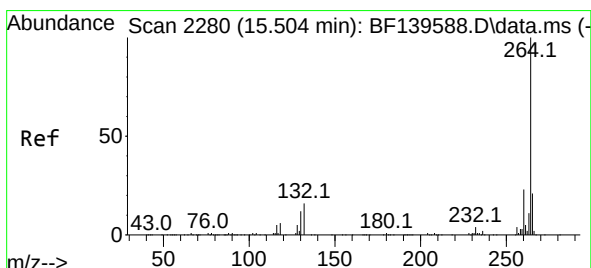
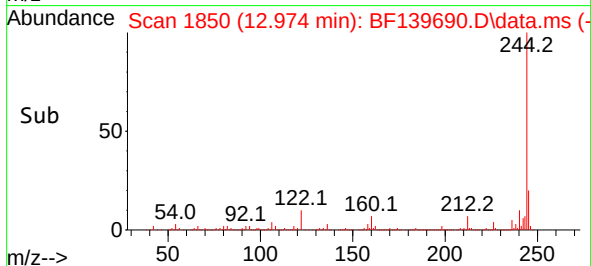
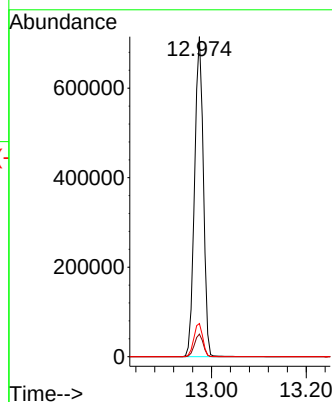
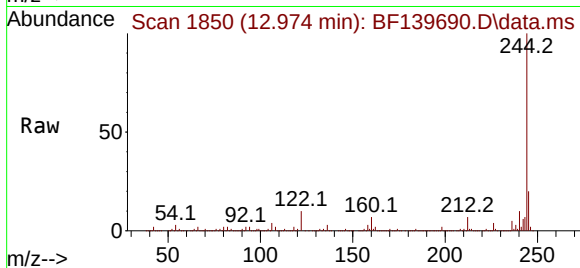
Tgt Ion:244 Resp: 915108

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 10.4 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2279

Delta R.T. -0.006 min

Lab File: BF139690.D

Acq: 07 Oct 2024 17:02

Tgt Ion:264 Resp: 175613

Ion Ratio Lower Upper

264 100

260 22.5 18.7 28.1

265 21.0 16.9 25.3

