

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100724\
 Data File : BF139694.D
 Acq On : 07 Oct 2024 18:56
 Operator : RC/JU
 Sample : P4289-02 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-Waste Water

Quant Time: Oct 08 01:13:15 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)

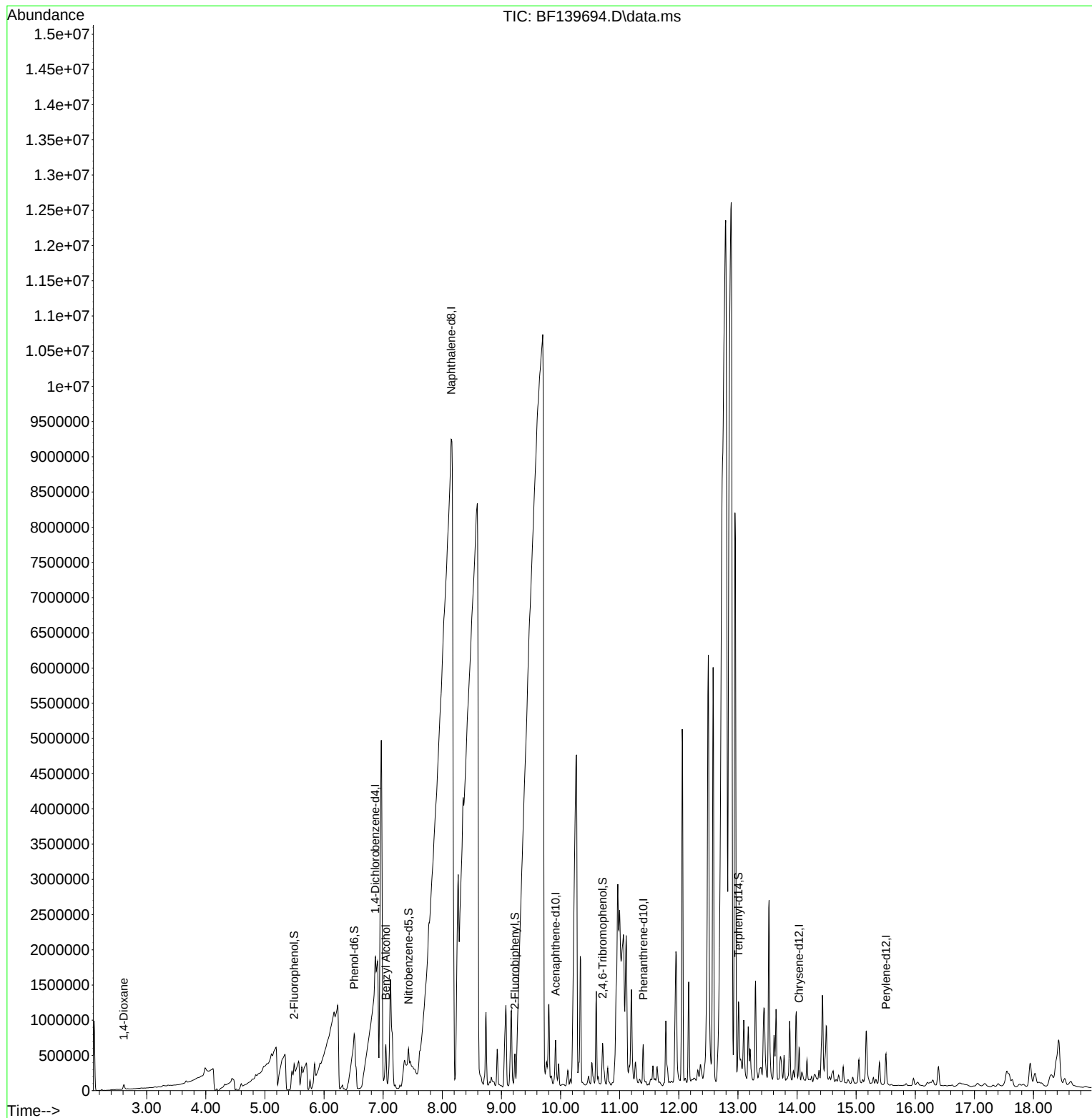
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	89612	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	220169	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	179031	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	272593	20.000	ng	0.00
76) Chrysene-d12	14.033	240	207490	20.000	ng	0.00
86) Perylene-d12	15.504	264	231731	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	54592	10.559	ng	0.00
7) Phenol-d6	6.510	99	55830	8.030	ng	0.00
23) Nitrobenzene-d5	7.428	82	97668	22.460	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	20404	11.806	ng	0.01
45) 2-Fluorobiphenyl	9.228	172	185010	15.865	ng	0.00
79) Terphenyl-d14	13.010	244	154016	12.180	ng	0.03
Target Compounds						
2) 1,4-Dioxane	2.610	88	30401	13.600	ng	# 83
15) Benzyl Alcohol	7.045	79	164674	30.998	ng	97

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

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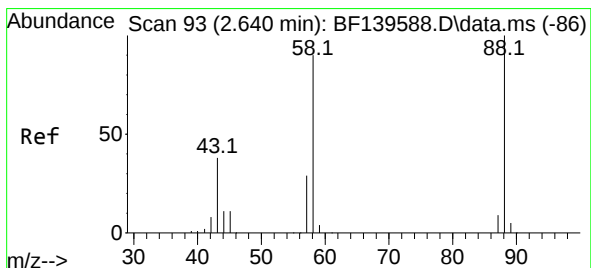
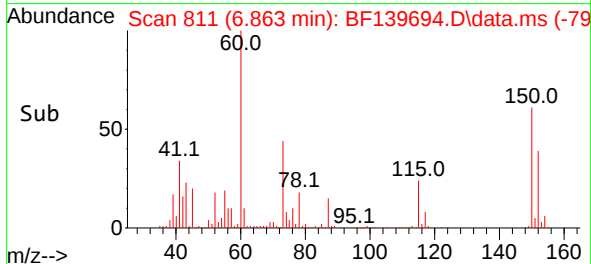
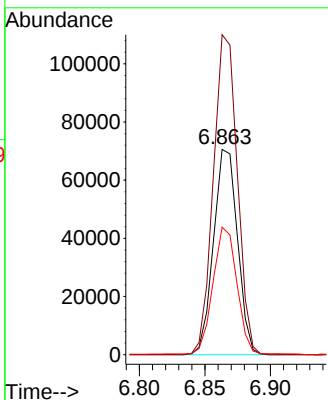
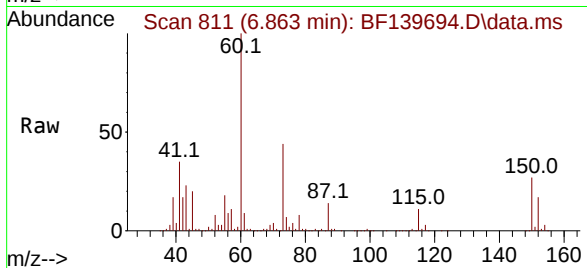




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF139694.D
 Acq: 07 Oct 2024 18:56

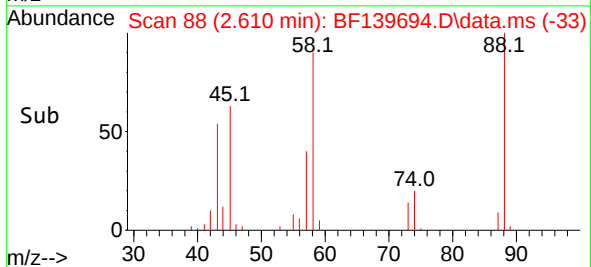
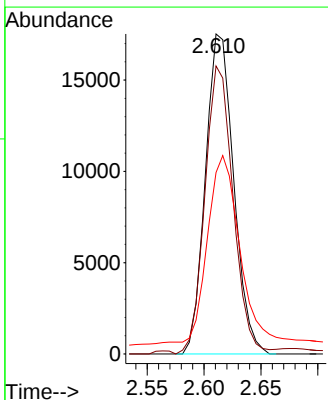
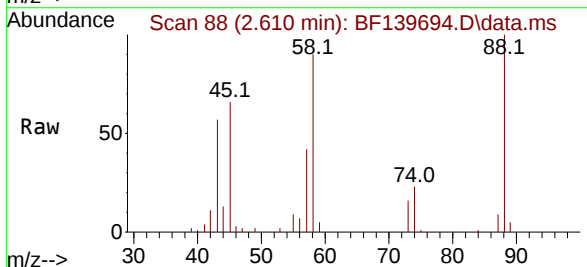
Instrument :
 BNA_F
 ClientSampleId :
 EFF-Waste Water

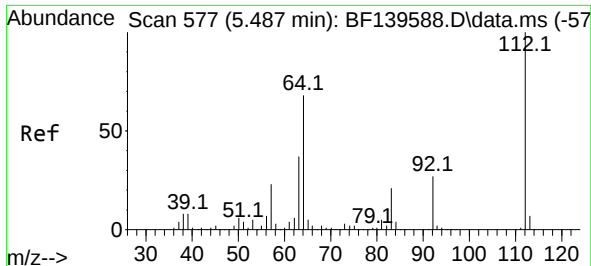
Tgt Ion:152 Resp: 89612
 Ion Ratio Lower Upper
 152 100
 150 155.9 127.2 190.8
 115 62.1 49.0 73.4



#2
 1,4-Dioxane
 Concen: 13.600 ng
 RT: 2.610 min Scan# 88
 Delta R.T. -0.029 min
 Lab File: BF139694.D
 Acq: 07 Oct 2024 18:56

Tgt Ion: 88 Resp: 30401
 Ion Ratio Lower Upper
 88 100
 58 89.7 72.0 108.0
 43 71.4 30.8 46.2#

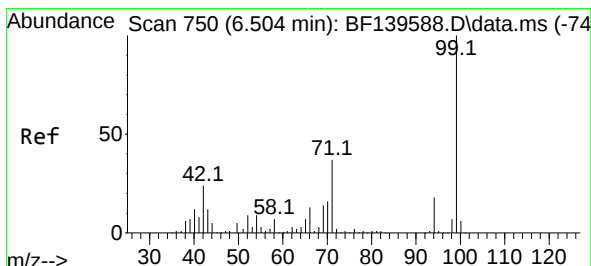
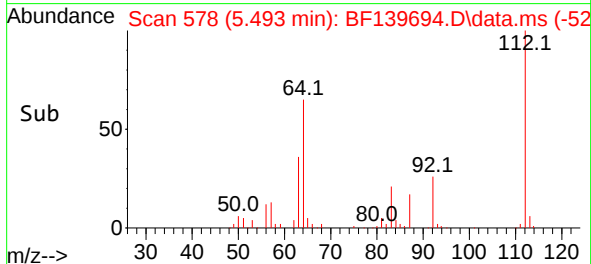
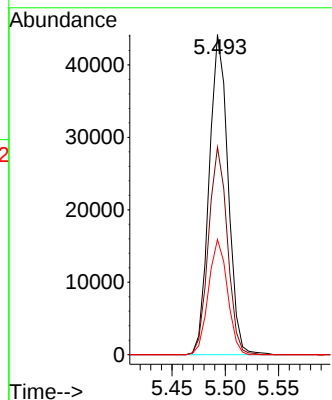
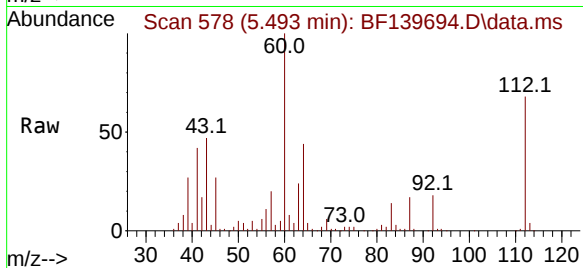




#5
2-Fluorophenol
Concen: 10.559 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF139694.D
Acq: 07 Oct 2024 18:56

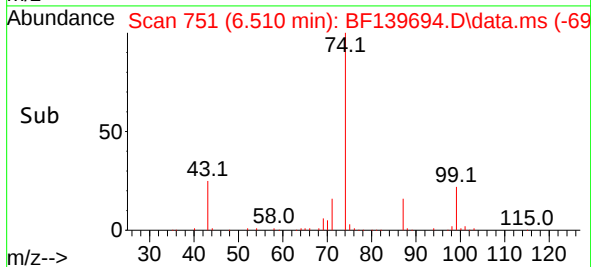
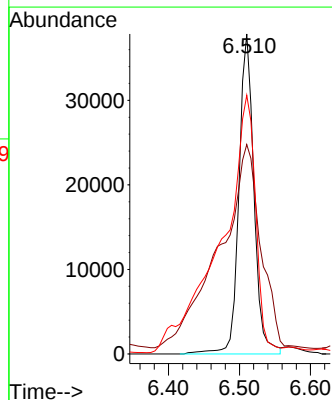
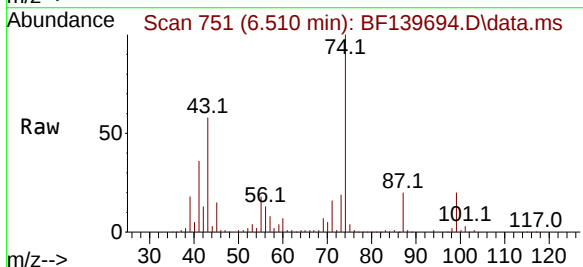
Instrument :
BNA_F
ClientSampleId :
EFF-Waste Water

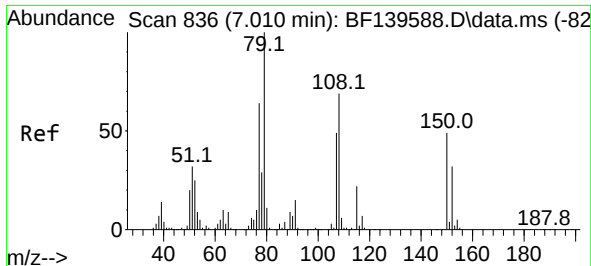
Tgt Ion:112 Resp: 54592
Ion Ratio Lower Upper
112 100
64 64.8 54.2 81.4
63 36.0 29.4 44.2



#7
Phenol-d6
Concen: 8.030 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF139694.D
Acq: 07 Oct 2024 18:56

Tgt Ion: 99 Resp: 55830
Ion Ratio Lower Upper
99 100
42 65.4 19.1 28.7#
71 80.9 29.7 44.5#

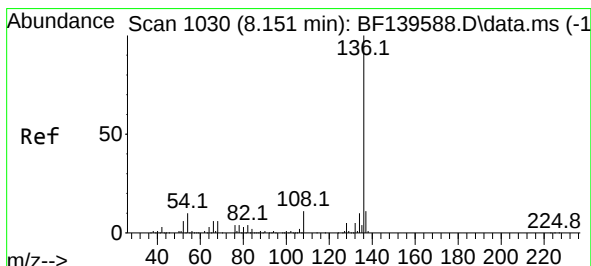
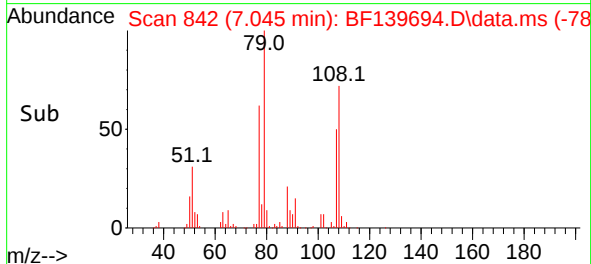
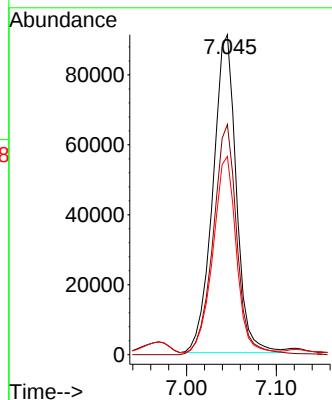
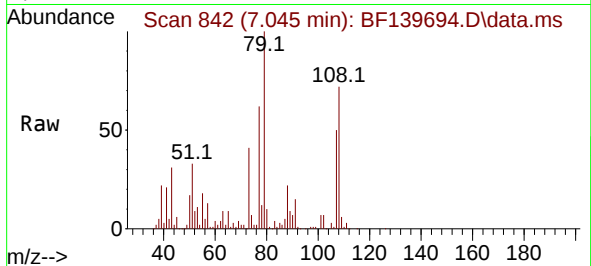




#15
Benzyl Alcohol
Concen: 30.998 ng
RT: 7.045 min Scan# 84
Delta R.T. 0.035 min
Lab File: BF139694.D
Acq: 07 Oct 2024 18:56

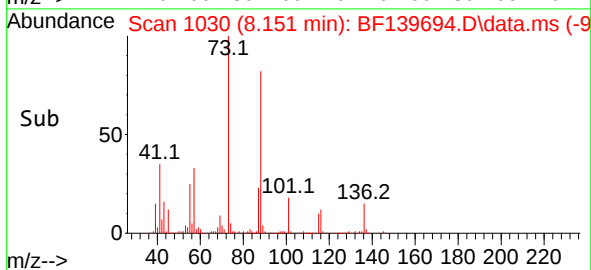
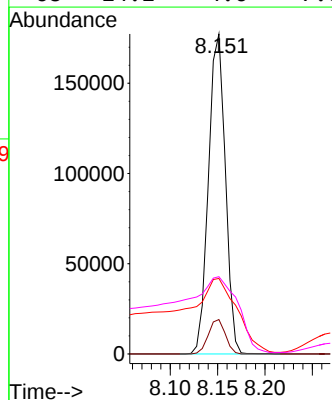
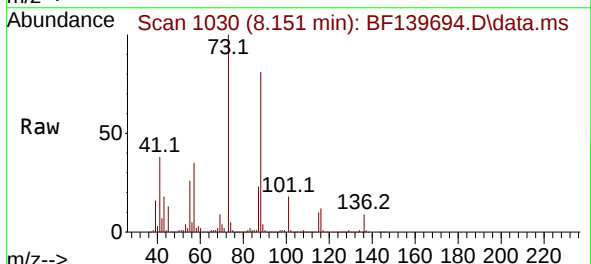
Instrument :
BNA_F
ClientSampleId :
EFF-Waste Water

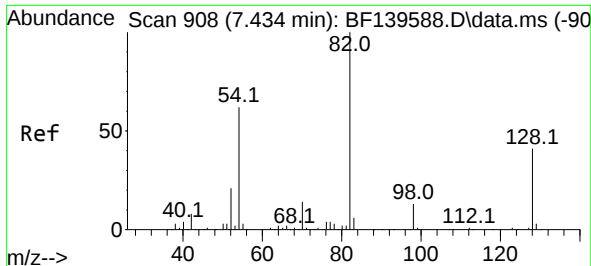
Tgt Ion: 79 Resp: 164674
Ion Ratio Lower Upper
79 100
108 71.9 55.1 82.7
77 62.0 50.8 76.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF139694.D
Acq: 07 Oct 2024 18:56

Tgt Ion:136 Resp: 220169
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 23.6 8.3 12.5#
68 24.2 4.6 7.0#





#23

Nitrobenzene-d5

Concen: 22.460 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF139694.D

Acq: 07 Oct 2024 18:56

Instrument :

BNA_F

ClientSampleId :

EFF-Waste Water

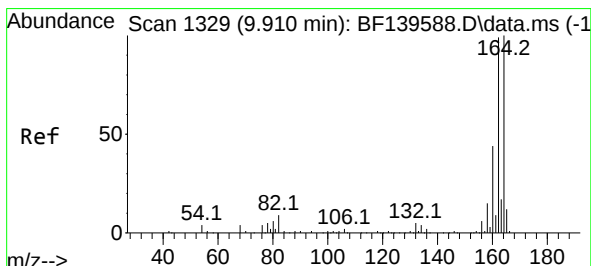
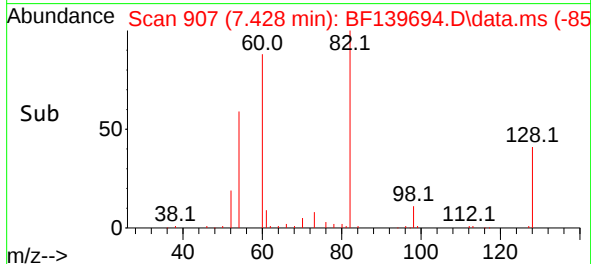
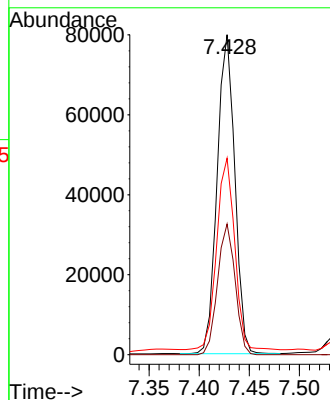
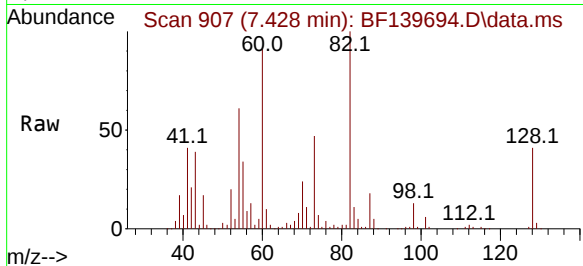
Tgt Ion: 82 Resp: 97668

Ion Ratio Lower Upper

82 100

128 40.8 32.4 48.6

54 61.4 49.1 73.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1330

Delta R.T. 0.006 min

Lab File: BF139694.D

Acq: 07 Oct 2024 18:56

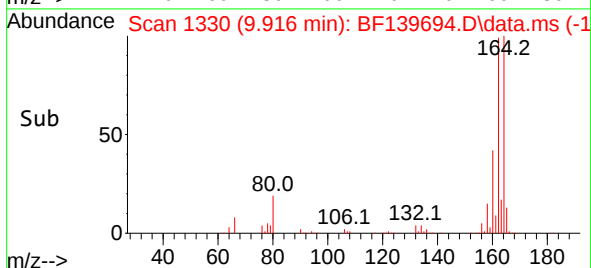
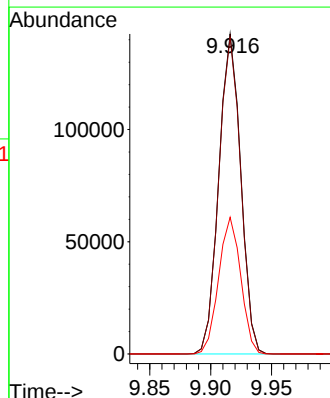
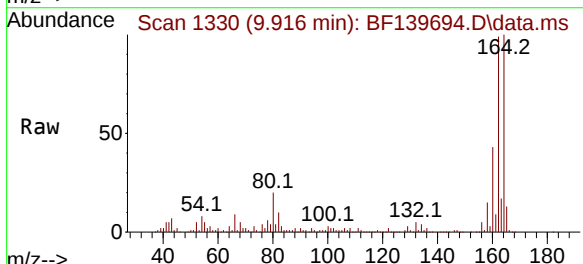
Tgt Ion:164 Resp: 179031

Ion Ratio Lower Upper

164 100

162 99.0 79.4 119.0

160 42.7 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 11.806 ng

RT: 10.710 min Scan# 1465

Delta R.T. 0.012 min

Lab File: BF139694.D

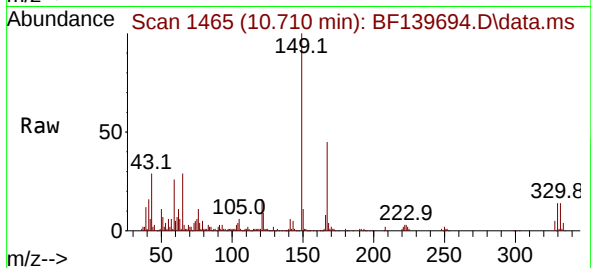
Acq: 07 Oct 2024 18:56

Instrument :

BNA_F

ClientSampleId :

EFF-Waste Water



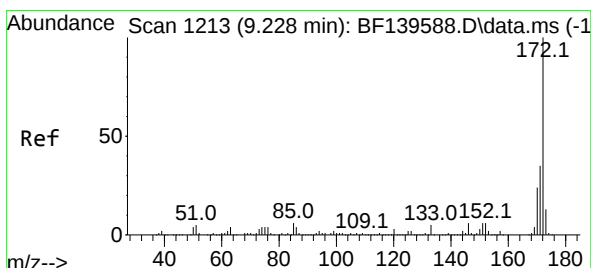
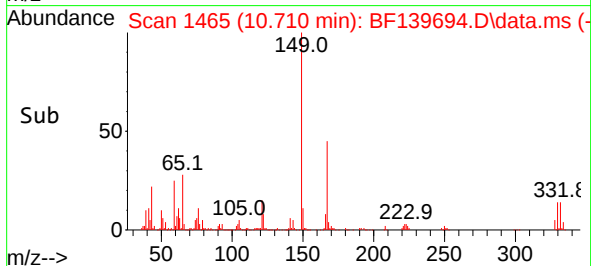
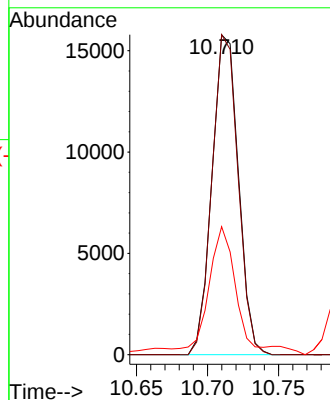
Tgt Ion:330 Resp: 20404

Ion Ratio Lower Upper

330 100

332 98.4 76.5 114.7

141 39.1 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 15.865 ng

RT: 9.228 min Scan# 1213

Delta R.T. 0.000 min

Lab File: BF139694.D

Acq: 07 Oct 2024 18:56

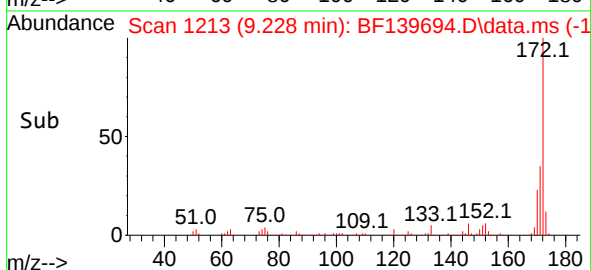
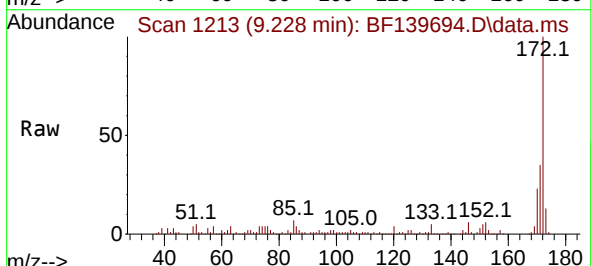
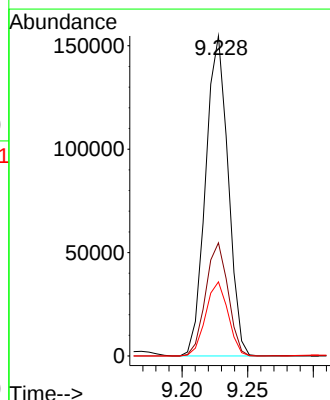
Tgt Ion:172 Resp: 185010

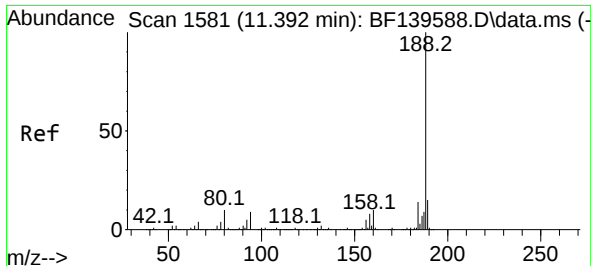
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

170 23.1 18.8 28.2

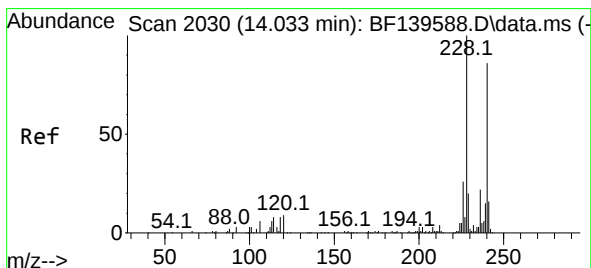
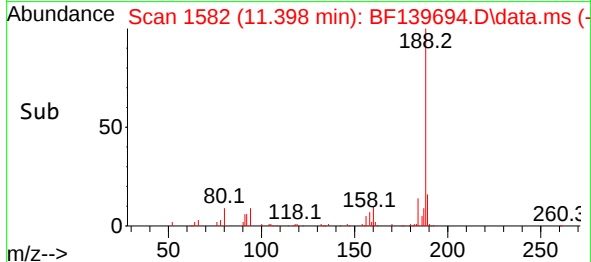
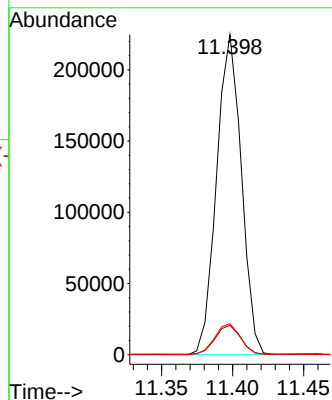
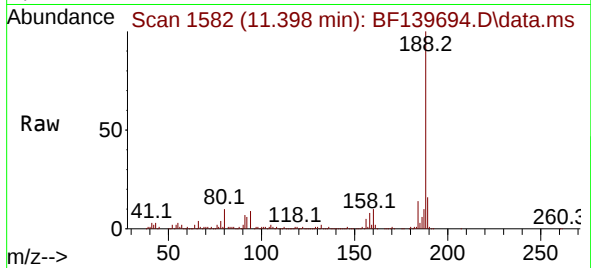




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139694.D
Acq: 07 Oct 2024 18:56

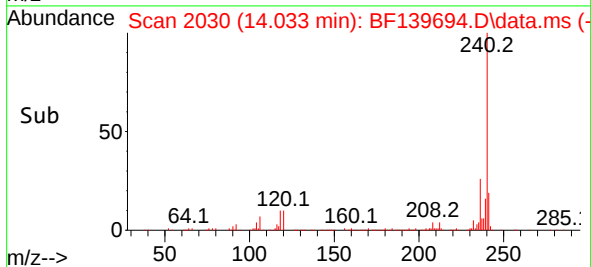
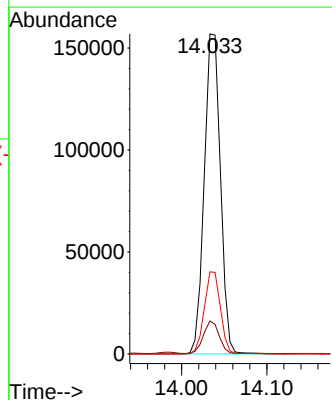
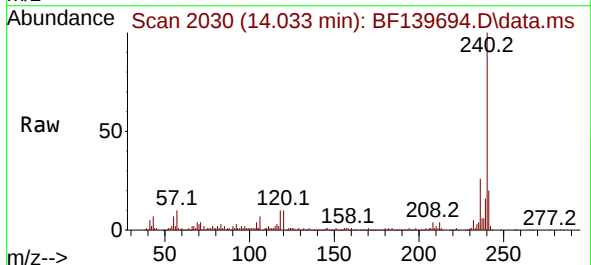
Instrument :
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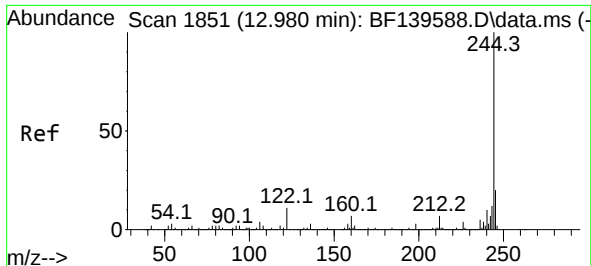
Tgt Ion:188 Resp: 272593
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 9.7 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF139694.D
Acq: 07 Oct 2024 18:56

Tgt Ion:240 Resp: 207490
Ion Ratio Lower Upper
240 100
120 10.3 8.4 12.6
236 25.6 20.3 30.5

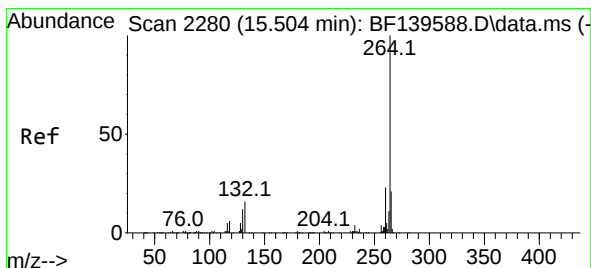
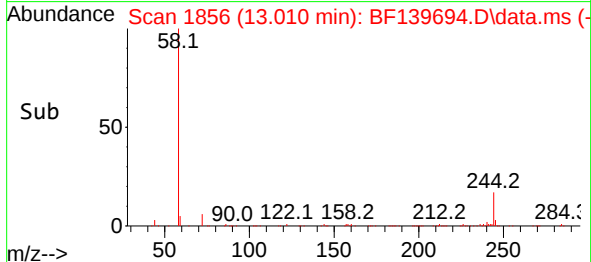
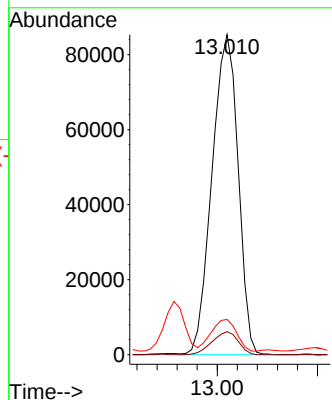
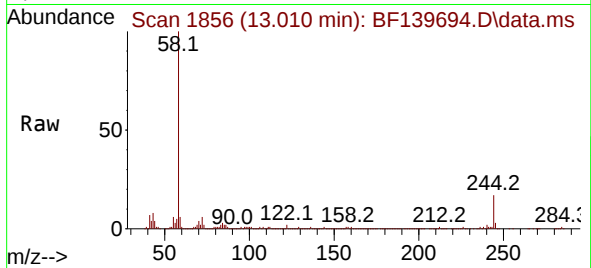




#79
 Terphenyl-d14
 Concen: 12.180 ng
 RT: 13.010 min Scan# 1851
 Delta R.T. 0.030 min
 Lab File: BF139694.D
 Acq: 07 Oct 2024 18:56

Instrument :
 BNA_F
 ClientSampleId :
 EFF-Waste Water

Tgt Ion:244 Resp: 154016
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 11.0 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2280
 Delta R.T. 0.000 min
 Lab File: BF139694.D
 Acq: 07 Oct 2024 18:56

Tgt Ion:264 Resp: 231731
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.7 28.1
 265 20.9 16.9 25.3

