

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082824\
 Data File : BF139204.D
 Acq On : 28 Aug 2024 12:44
 Operator : RC/JU
 Sample : P3731-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-Waste Water

Quant Time: Aug 28 13:10:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 02:51:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	74802	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	258700	20.000	ng	0.04
39) Acenaphthene-d10	9.927	164	137381	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	203685	20.000	ng	0.00
76) Chrysene-d12	14.045	240	174744	20.000	ng	0.00
86) Perylene-d12	15.533	264	180200	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	224582m	50.450	ng	0.05
7) Phenol-d6	7.239	99	1437193m	235.245	ng	0.72
23) Nitrobenzene-d5	7.522	82	446291	95.573	ng	0.06
42) 2,4,6-Tribromophenol	10.710	330	108676	92.364	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	761182	86.066	ng	0.00
79) Terphenyl-d14	12.998	244	771919	68.926	ng	0.00

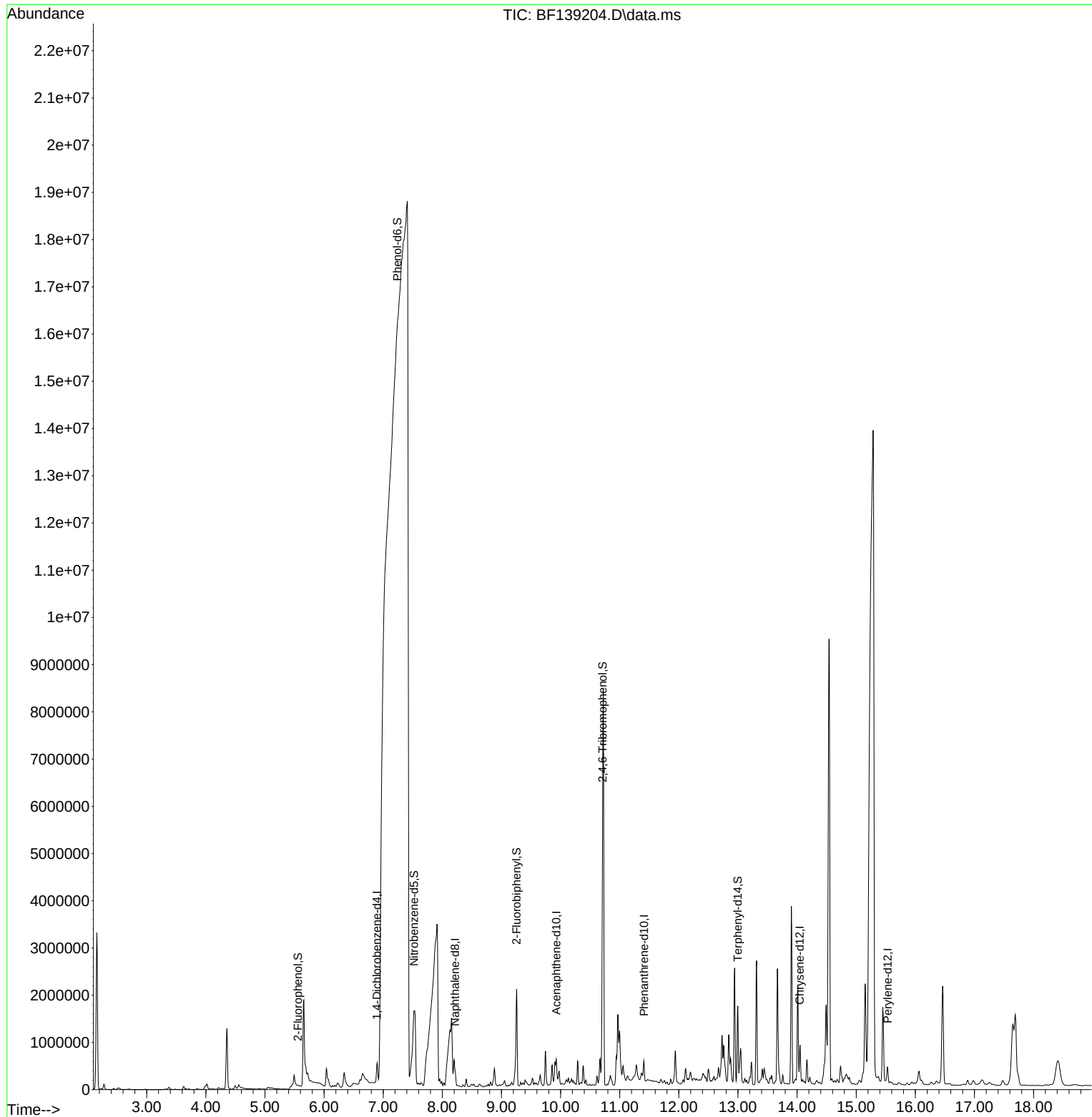
Target Compounds	Qvalue

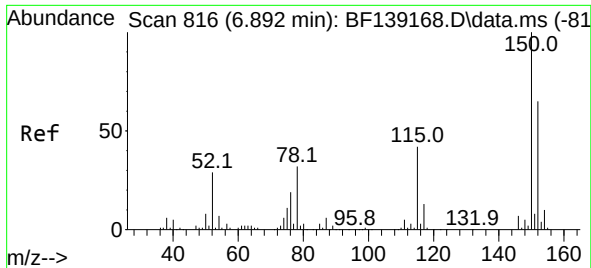
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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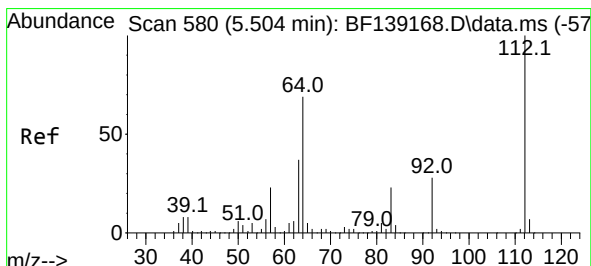
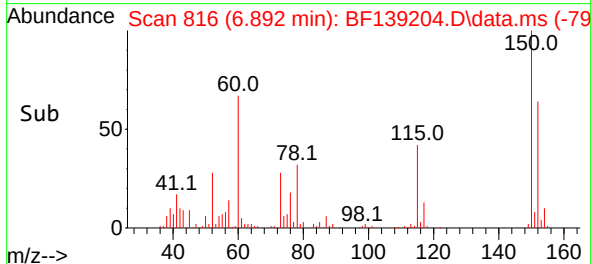
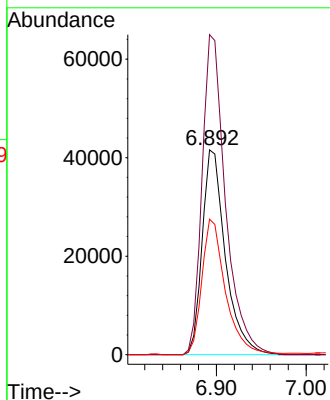
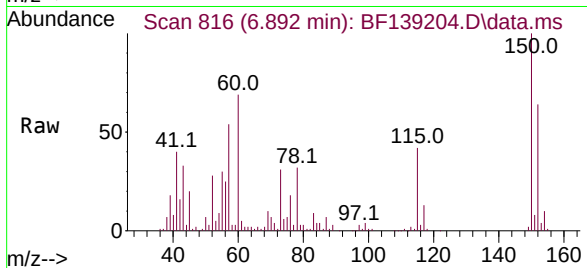




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 816
 Delta R.T. 0.000 min
 Lab File: BF139204.D
 Acq: 28 Aug 2024 12:44

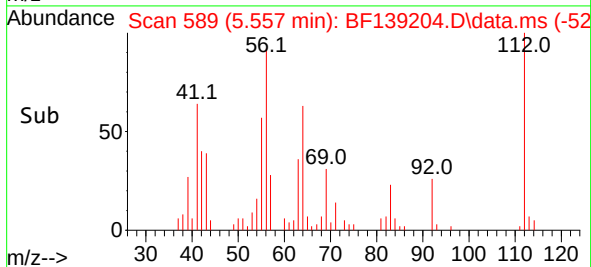
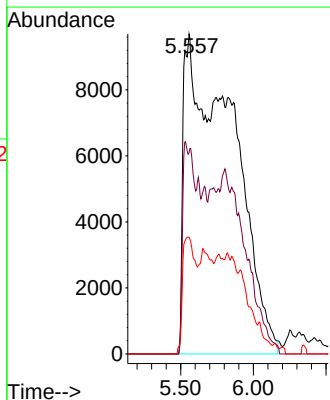
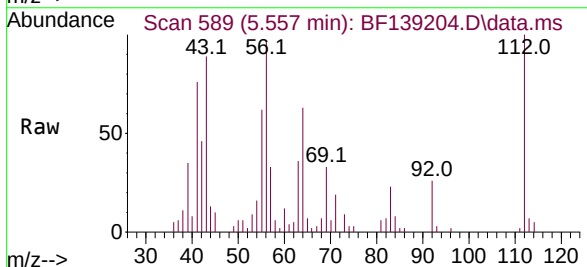
Instrument :
 BNA_F
 ClientSampleId :
 EFF-Waste Water

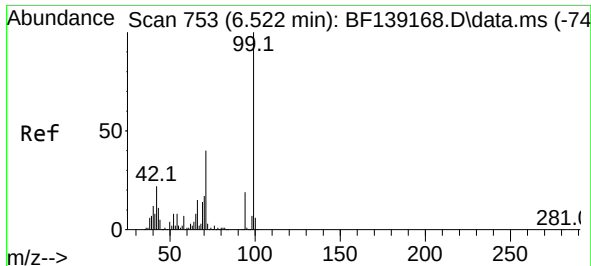
Tgt Ion:152 Resp: 74802
 Ion Ratio Lower Upper
 152 100
 150 156.2 123.7 185.5
 115 66.2 51.8 77.8



#5
 2-Fluorophenol
 Concen: 50.450 ng m
 RT: 5.557 min Scan# 589
 Delta R.T. 0.053 min
 Lab File: BF139204.D
 Acq: 28 Aug 2024 12:44

Tgt Ion:112 Resp: 224582
 Ion Ratio Lower Upper
 112 100
 64 62.8 55.5 83.3
 63 36.4 29.8 44.6

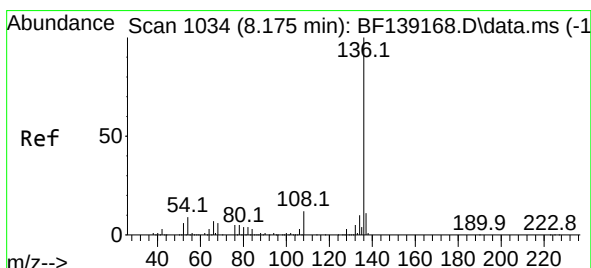
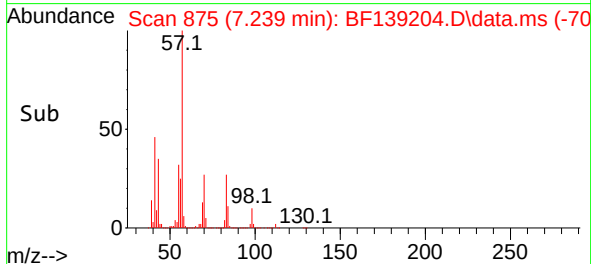
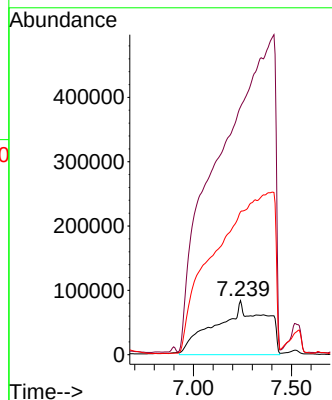
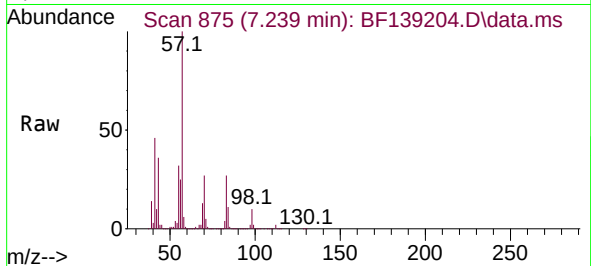




#7
Phenol-d6
Concen: 235.245 ng m
RT: 7.239 min Scan# 81
Delta R.T. 0.718 min
Lab File: BF139204.D
Acq: 28 Aug 2024 12:44

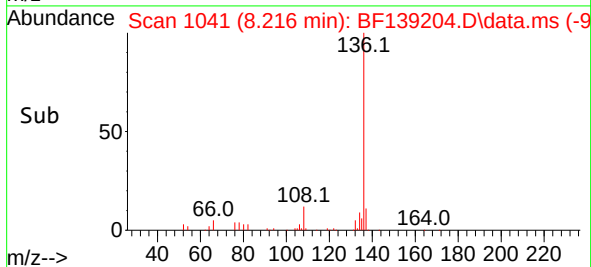
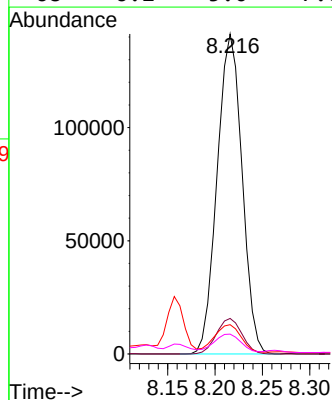
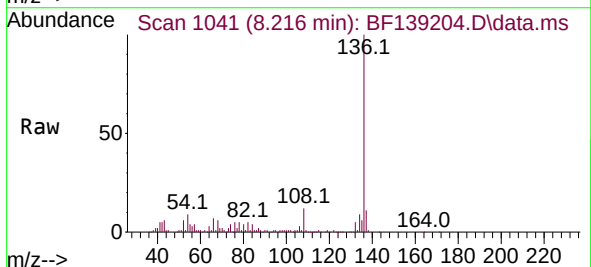
Instrument :
BNA_F
ClientSampleId :
EFF-Waste Water

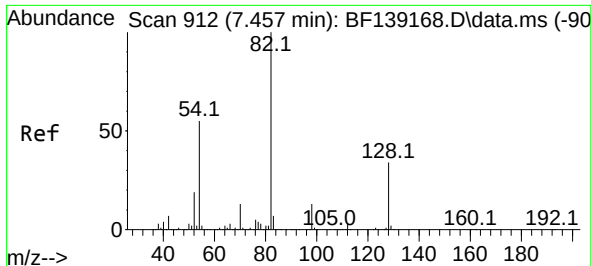
Tgt Ion: 99 Resp: 1437193
Ion Ratio Lower Upper
99 100
42 458.8 17.9 26.9#
71 264.4 31.7 47.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1041
Delta R.T. 0.041 min
Lab File: BF139204.D
Acq: 28 Aug 2024 12:44

Tgt Ion: 136 Resp: 258700
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 9.2 7.6 11.4
68 6.2 5.0 7.6





#23

Nitrobenzene-d5

Concen: 95.573 ng

RT: 7.522 min Scan# 91

Delta R.T. 0.065 min

Lab File: BF139204.D

Acq: 28 Aug 2024 12:44

Instrument :

BNA_F

ClientSampleId :

EFF-Waste Water

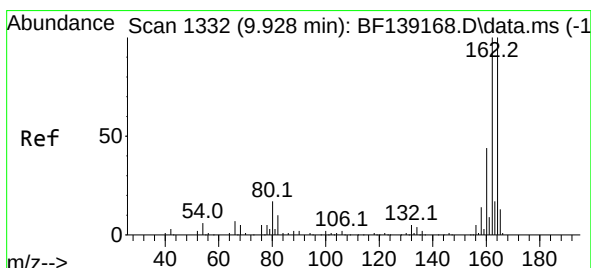
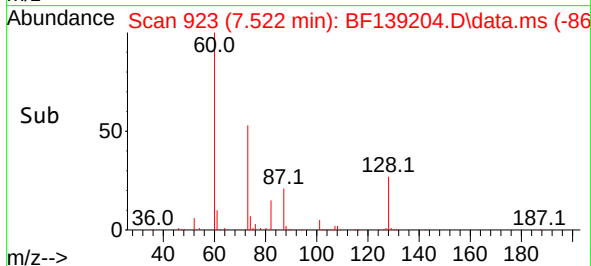
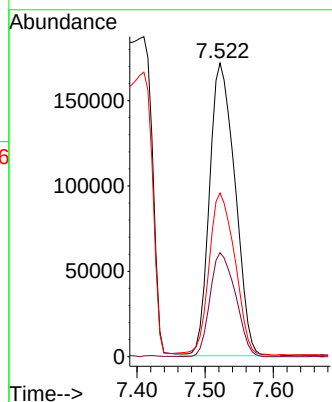
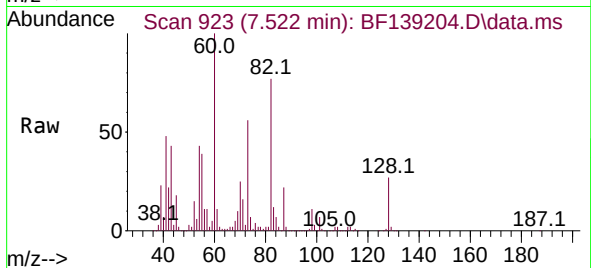
Tgt Ion: 82 Resp: 446291

Ion Ratio Lower Upper

82 100

128 35.4 27.1 40.7

54 55.8 44.2 66.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1332

Delta R.T. -0.000 min

Lab File: BF139204.D

Acq: 28 Aug 2024 12:44

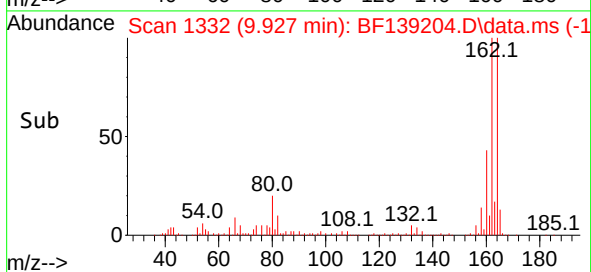
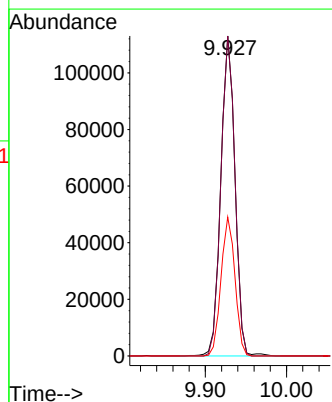
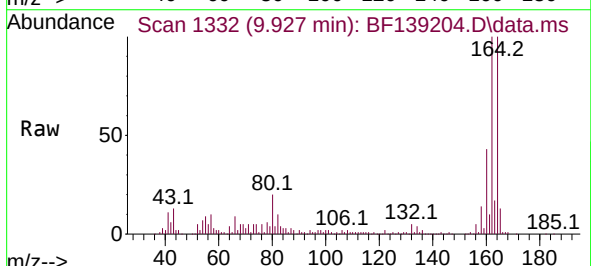
Tgt Ion:164 Resp: 137381

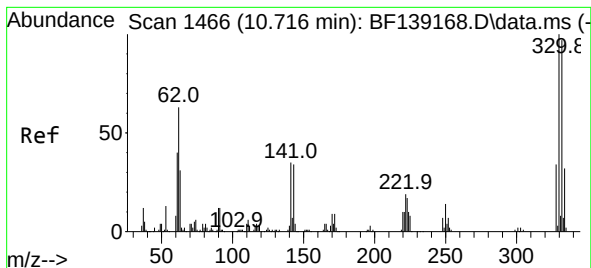
Ion Ratio Lower Upper

164 100

162 99.9 80.0 120.0

160 43.4 35.0 52.6

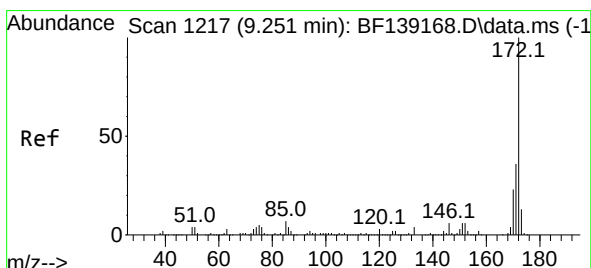
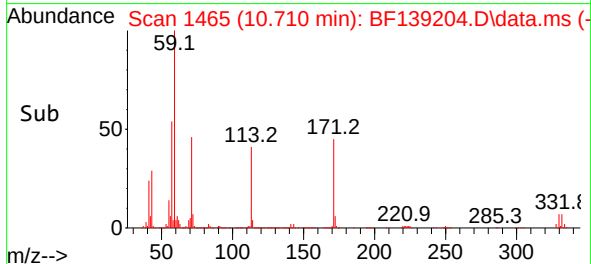
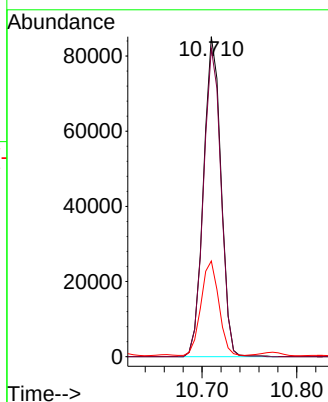
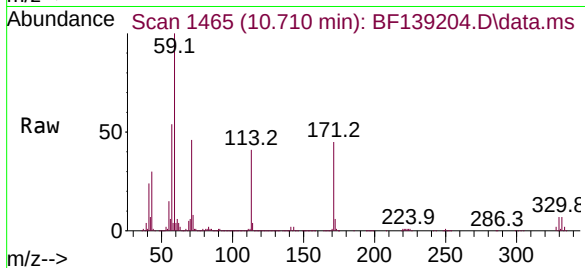




#42
2,4,6-Tribromophenol
Concen: 92.364 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139204.D
Acq: 28 Aug 2024 12:44

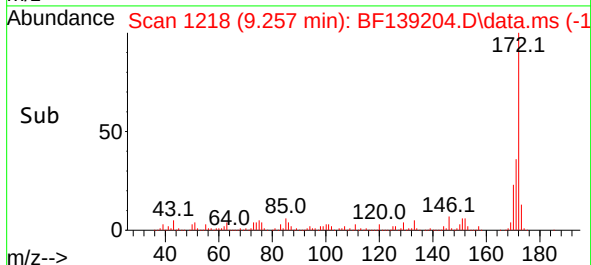
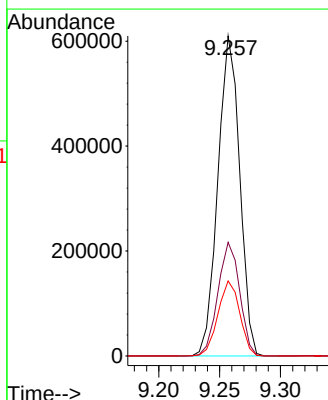
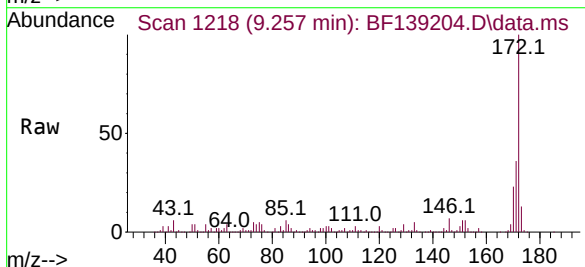
Instrument :
BNA_F
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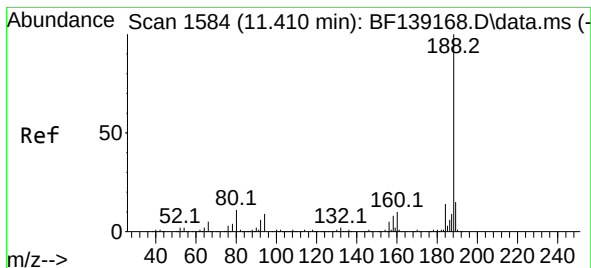
Tgt Ion: 330 Resp: 108676
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 30.1 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 86.066 ng
RT: 9.257 min Scan# 1218
Delta R.T. 0.006 min
Lab File: BF139204.D
Acq: 28 Aug 2024 12:44

Tgt Ion: 172 Resp: 761182
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.5 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139204.D

Acq: 28 Aug 2024 12:44

Instrument :

BNA_F

ClientSampleId :

EFF-Waste Water

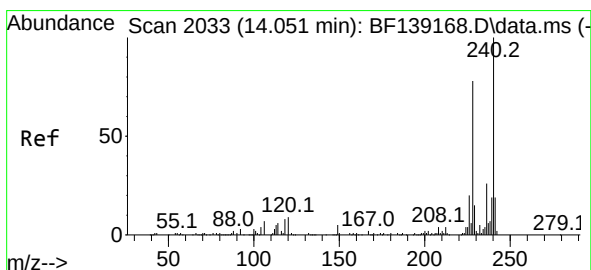
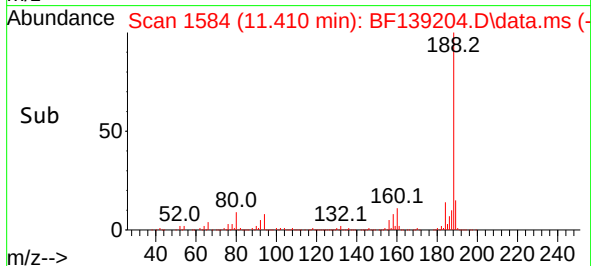
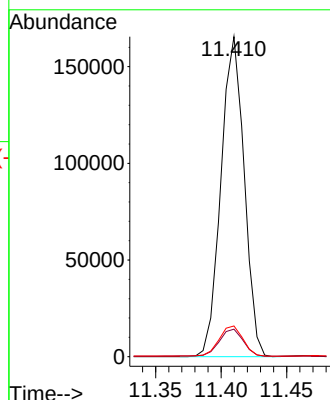
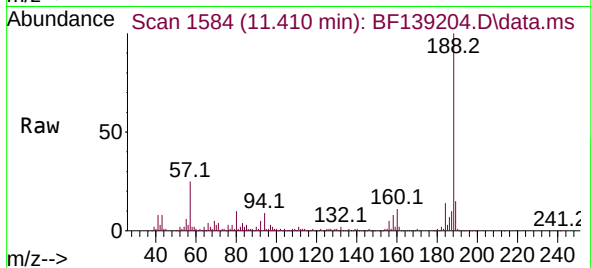
Tgt Ion:188 Resp: 203685

Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.2

80 9.6 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF139204.D

Acq: 28 Aug 2024 12:44

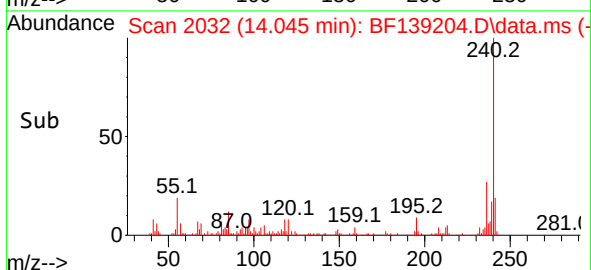
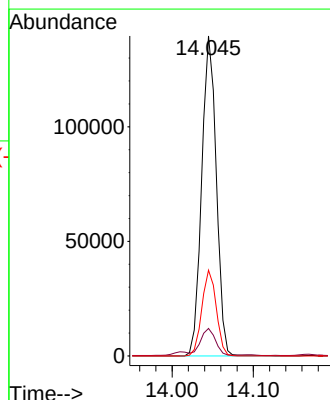
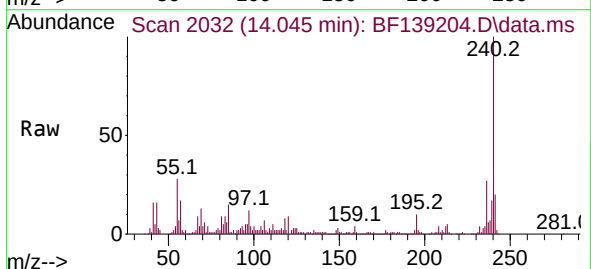
Tgt Ion:240 Resp: 174744

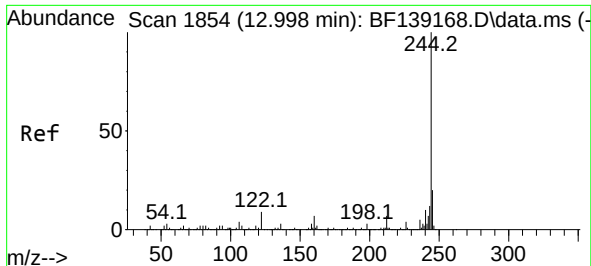
Ion Ratio Lower Upper

240 100

120 8.6 6.9 10.3

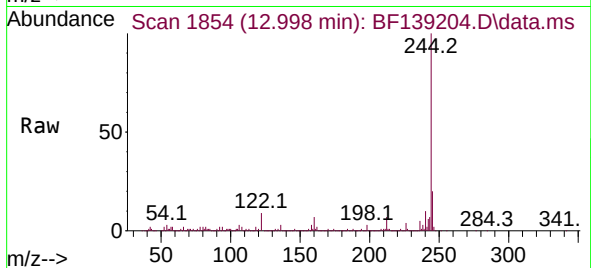
236 26.8 20.9 31.3



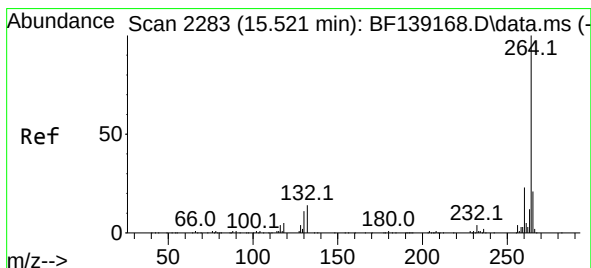
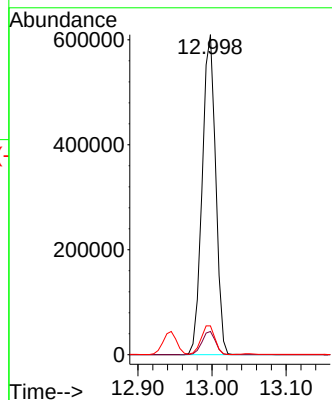
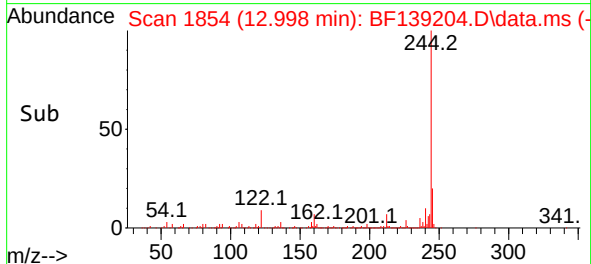


#79
 Terphenyl-d14
 Concen: 68.926 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: BF139204.D
 Acq: 28 Aug 2024 12:44

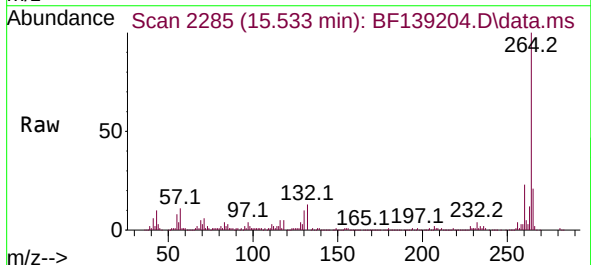
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 BNA_F
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Tgt Ion:244 Resp: 771919
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 9.0 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2285
 Delta R.T. 0.012 min
 Lab File: BF139204.D
 Acq: 28 Aug 2024 12:44



Tgt Ion:264 Resp: 180200
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.3 27.5
 265 21.1 17.0 25.6

