

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
 Data File : BF140870.D
 Acq On : 16 Dec 2024 19:45
 Operator : RC/JU
 Sample : P5192-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WASTE WATER

Quant Time: Dec 17 00:04:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

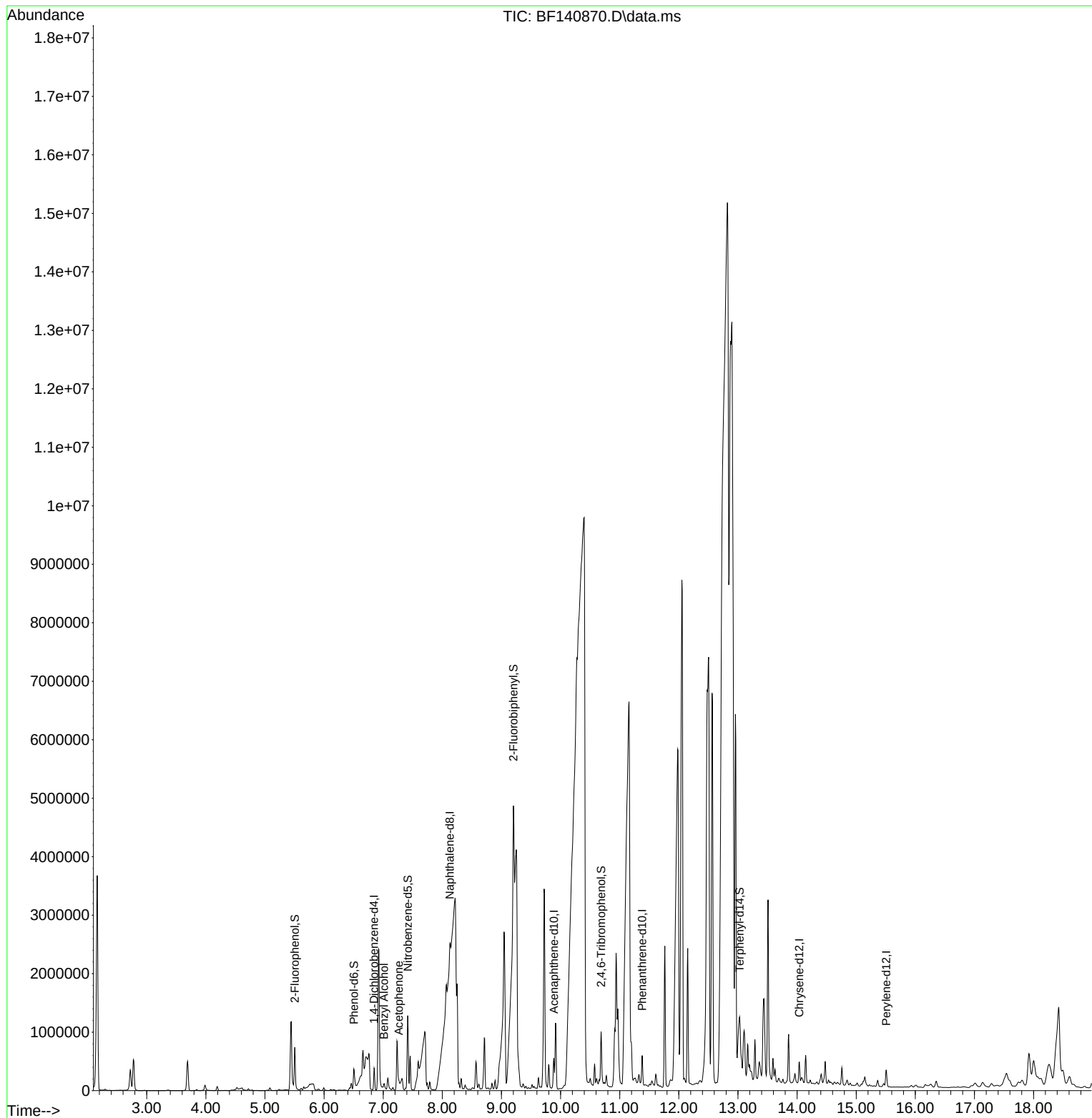
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	80631	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	258325	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	155195	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	262866	20.000	ng	0.00
76) Chrysene-d12	14.039	240	174670	20.000	ng	0.00
86) Perylene-d12	15.509	264	170876	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	265489	54.203	ng	0.02
7) Phenol-d6	6.504	99	224076	34.540	ng	0.00
23) Nitrobenzene-d5	7.416	82	599790	116.164	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	158263	86.223	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1033829	91.585	ng	0.00
79) Terphenyl-d14	13.027	244	990907	89.456	ng	0.07
Target Compounds						
						Qvalue
15) Benzyl Alcohol	7.016	79	36324	7.831	ng	98
22) Acetophenone	7.263	105	36484	5.646	ng	94

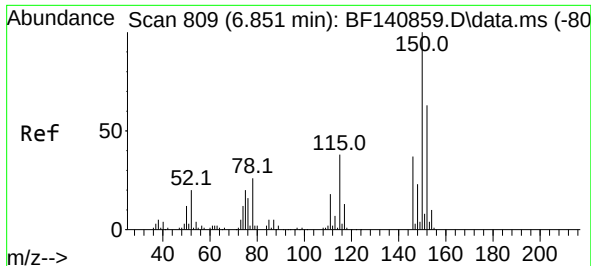
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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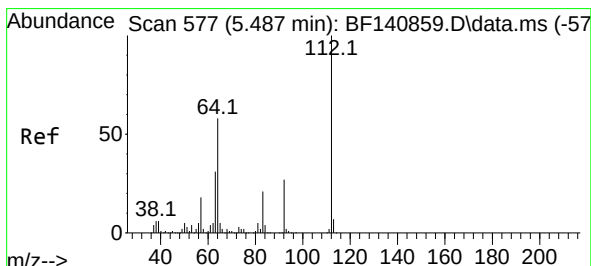
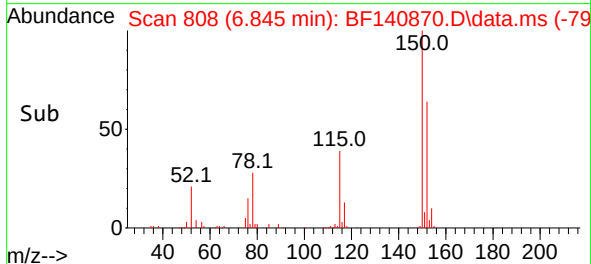
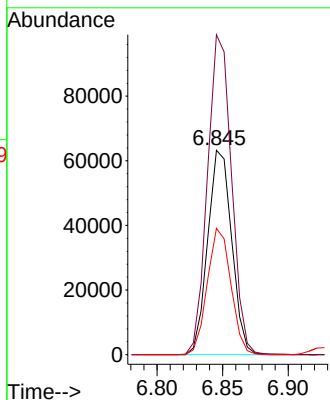
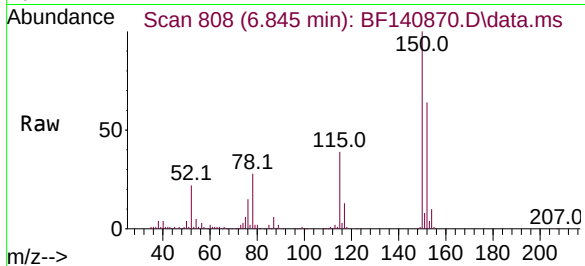




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF140870.D
Acq: 16 Dec 2024 19:45

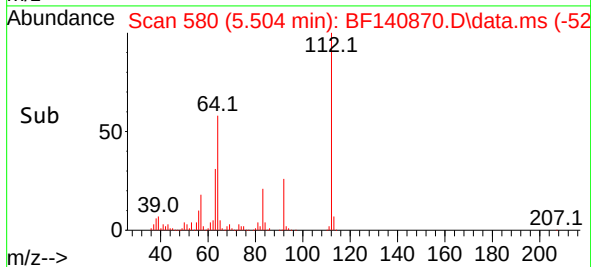
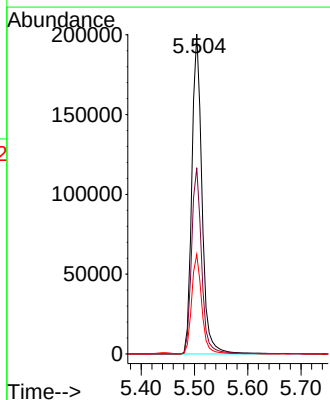
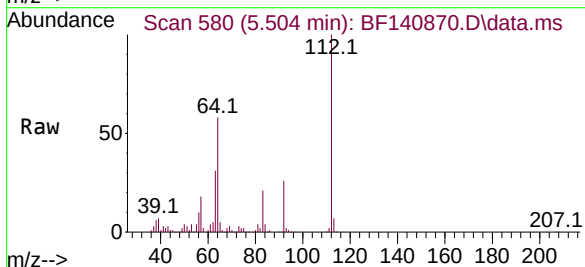
Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

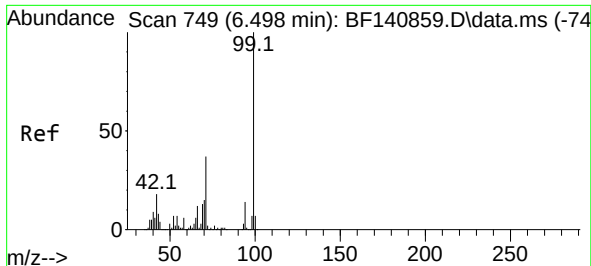
Tgt Ion:152 Resp: 80631
Ion Ratio Lower Upper
152 100
150 156.5 127.9 191.9
115 61.8 48.0 72.0



#5
2-Fluorophenol
Concen: 54.203 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.017 min
Lab File: BF140870.D
Acq: 16 Dec 2024 19:45

Tgt Ion:112 Resp: 265489
Ion Ratio Lower Upper
112 100
64 58.2 46.1 69.1
63 31.1 24.9 37.3

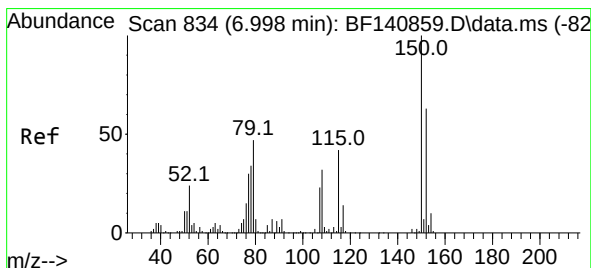
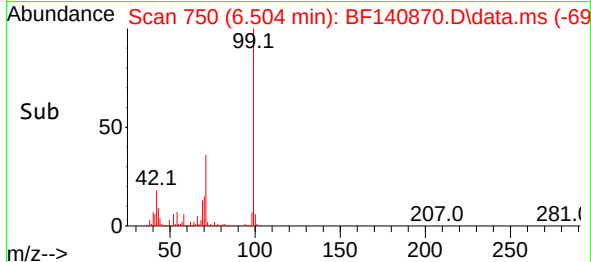
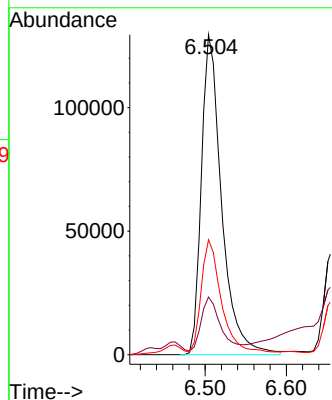
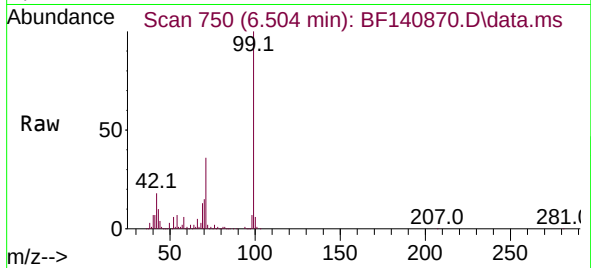




#7
Phenol-d6
Concen: 34.540 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140870.D
Acq: 16 Dec 2024 19:45

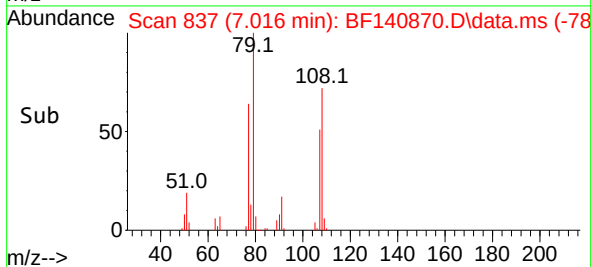
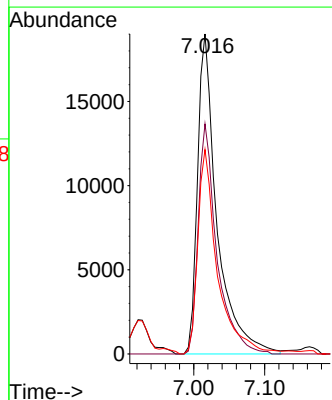
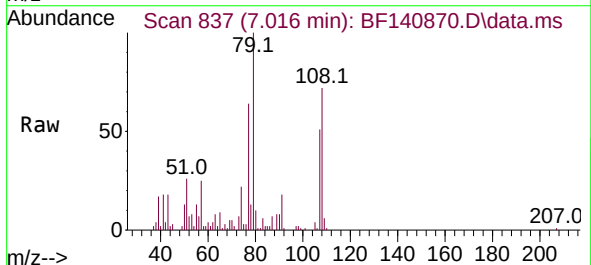
Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

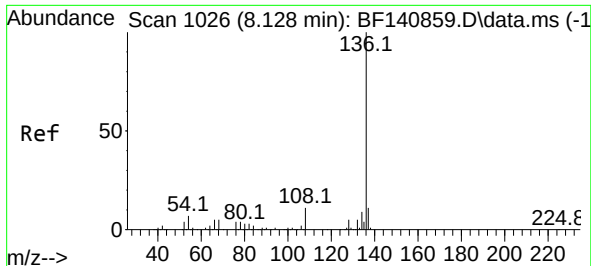
Tgt Ion: 99 Resp: 224076
Ion Ratio Lower Upper
99 100
42 18.0 14.3 21.5
71 35.9 29.9 44.9



#15
Benzyl Alcohol
Concen: 7.831 ng
RT: 7.016 min Scan# 837
Delta R.T. 0.017 min
Lab File: BF140870.D
Acq: 16 Dec 2024 19:45

Tgt Ion: 79 Resp: 36324
Ion Ratio Lower Upper
79 100
108 71.9 55.1 82.7
77 63.9 50.6 76.0

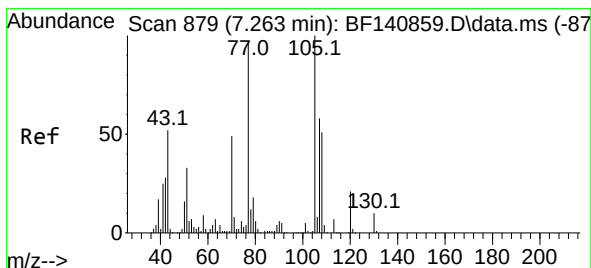
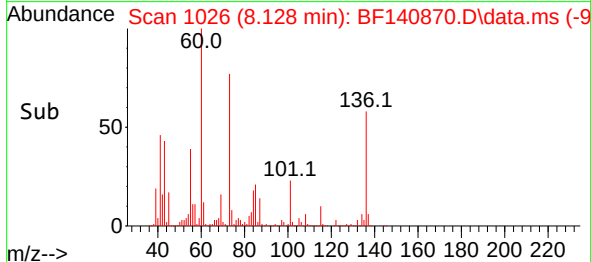
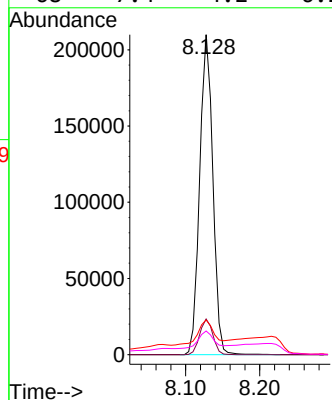
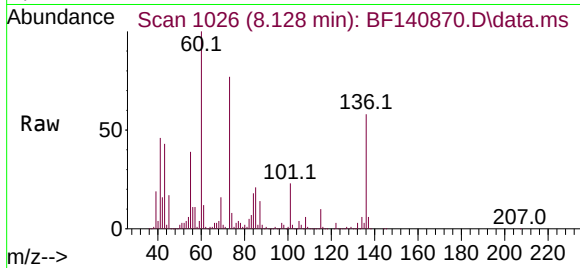




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140870.D
Acq: 16 Dec 2024 19:45

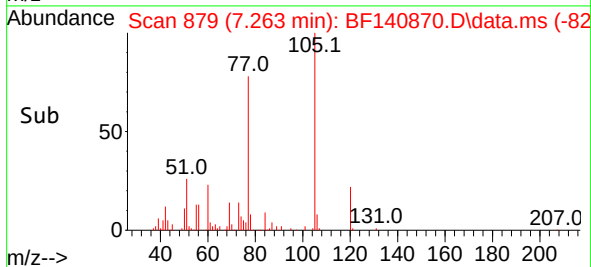
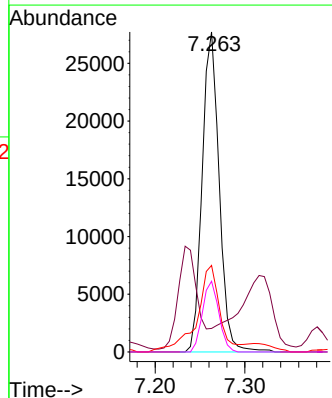
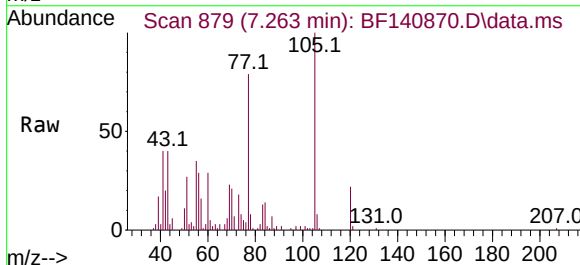
Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

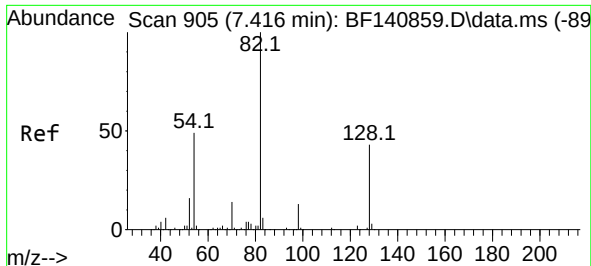
Tgt Ion:	136	Resp:	258325
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	10.8	5.6	8.4#
68	7.4	4.2	6.2#



#22
Acetophenone
Concen: 5.646 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF140870.D
Acq: 16 Dec 2024 19:45

Tgt Ion:	105	Resp:	36484
Ion	Ratio	Lower	Upper
105	100		
71	7.3	6.2	9.4
51	27.1	26.3	39.5
120	22.1	17.1	25.7





#23

Nitrobenzene-d5

Concen: 116.164 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF140870.D

Acq: 16 Dec 2024 19:45

Instrument :

BNA_F

ClientSampleId :

EFF-WASTE WATER

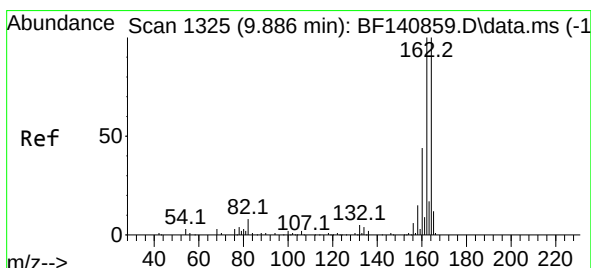
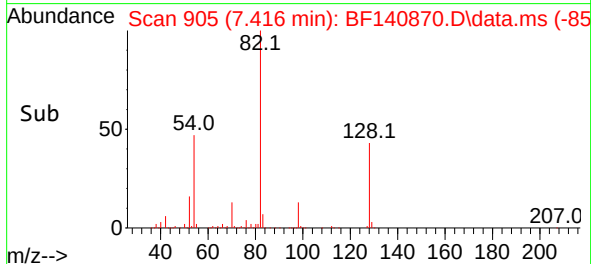
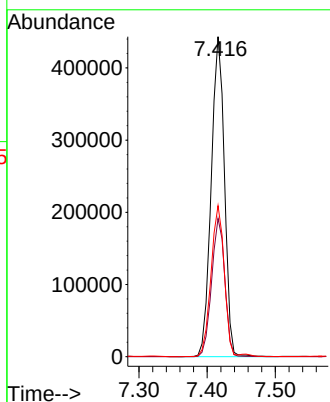
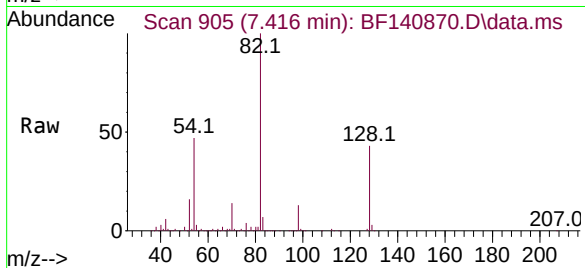
Tgt Ion: 82 Resp: 599790

Ion Ratio Lower Upper

82 100

128 43.2 34.4 51.6

54 47.2 38.8 58.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1325

Delta R.T. -0.000 min

Lab File: BF140870.D

Acq: 16 Dec 2024 19:45

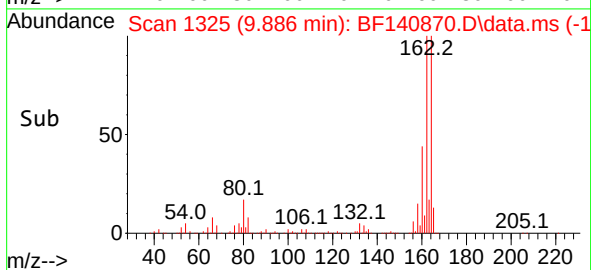
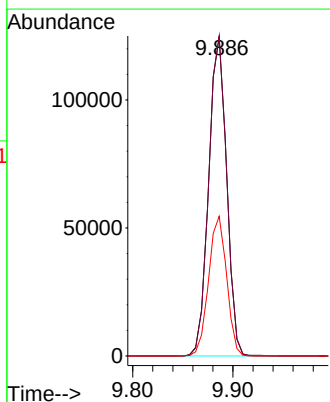
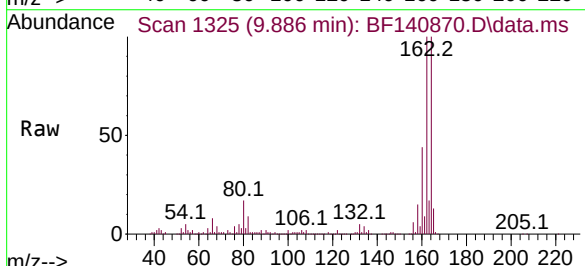
Tgt Ion: 164 Resp: 155195

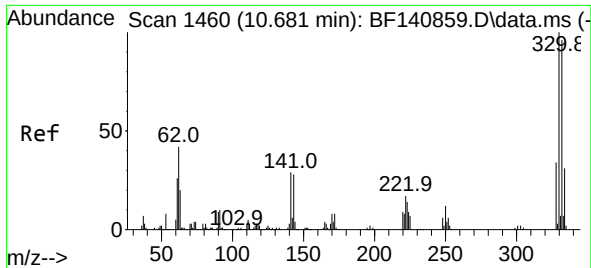
Ion Ratio Lower Upper

164 100

162 100.4 79.9 119.9

160 43.9 35.2 52.8

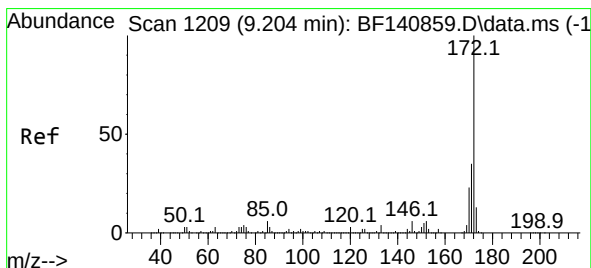
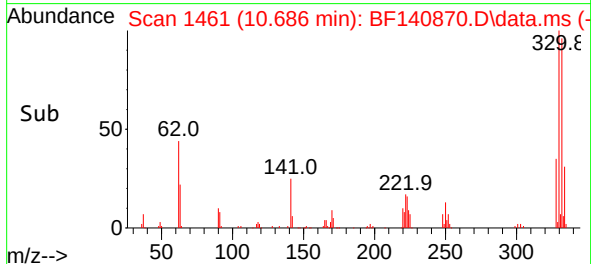
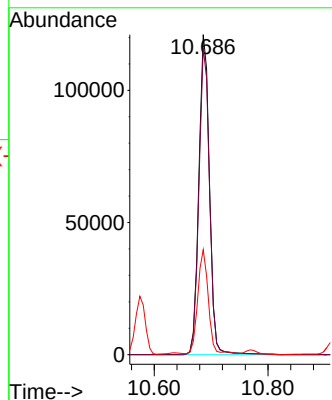
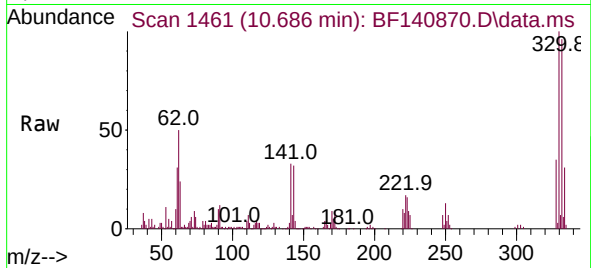




#42
2,4,6-Tribromophenol
Concen: 86.223 ng
RT: 10.686 min Scan# 1460
Delta R.T. 0.006 min
Lab File: BF140870.D
Acq: 16 Dec 2024 19:45

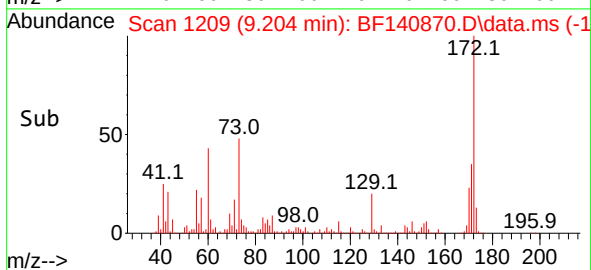
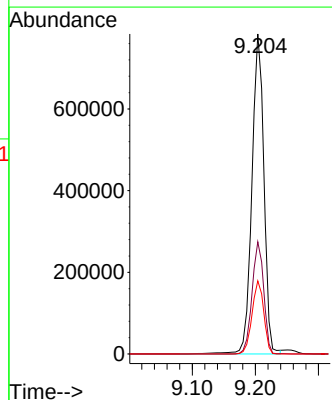
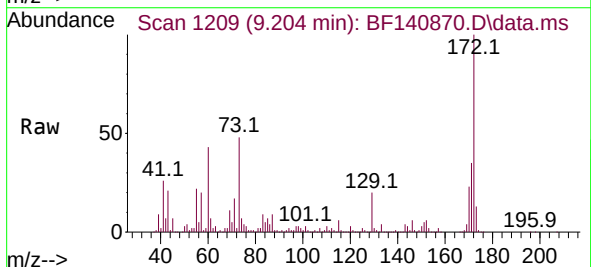
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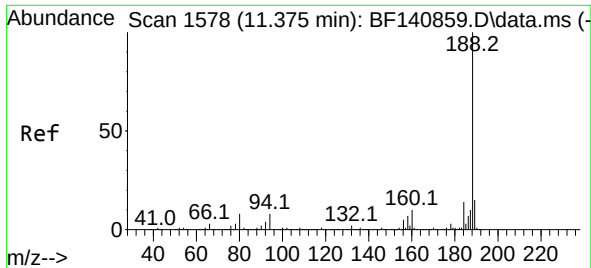
Tgt Ion:330 Resp: 158263
Ion Ratio Lower Upper
330 100
332 96.0 76.2 114.4
141 31.8 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 91.585 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF140870.D
Acq: 16 Dec 2024 19:45

Tgt Ion:172 Resp: 1033829
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 22.8 18.6 28.0

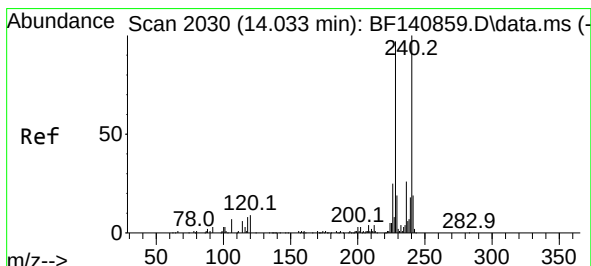
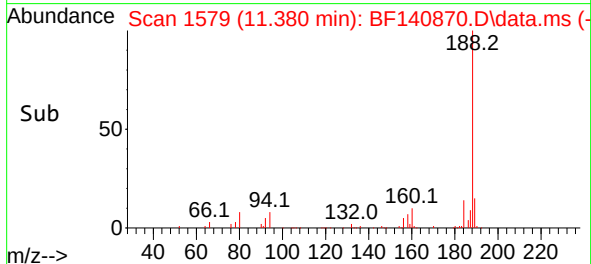
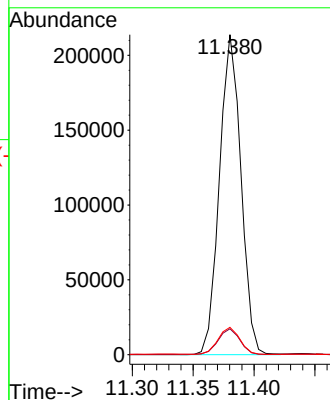
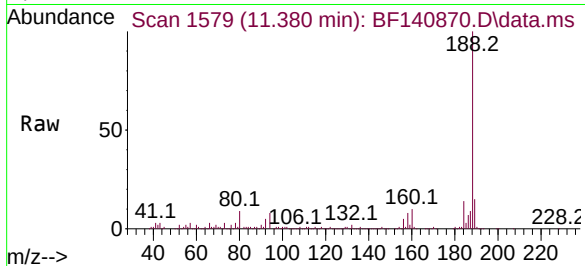




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140870.D
Acq: 16 Dec 2024 19:45

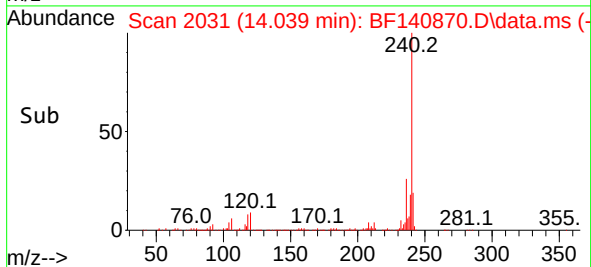
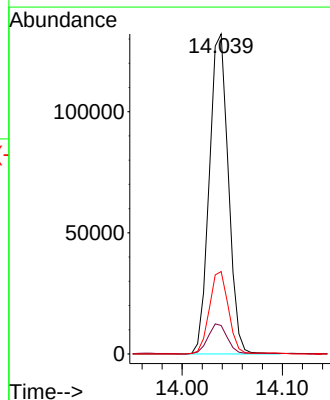
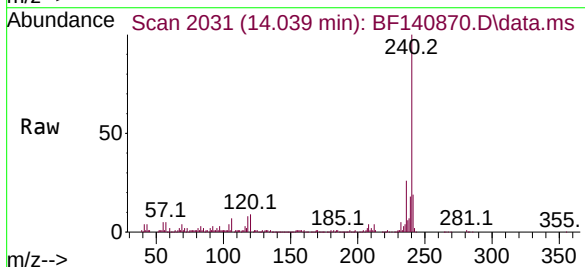
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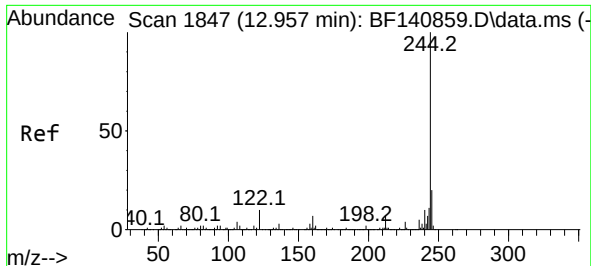
Tgt Ion:188 Resp: 262866
Ion Ratio Lower Upper
188 100
94 8.1 6.4 9.6
80 8.5 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF140870.D
Acq: 16 Dec 2024 19:45

Tgt Ion:240 Resp: 174670
Ion Ratio Lower Upper
240 100
120 8.9 7.6 11.4
236 25.8 20.5 30.7

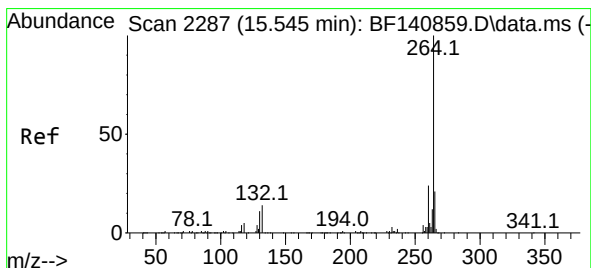
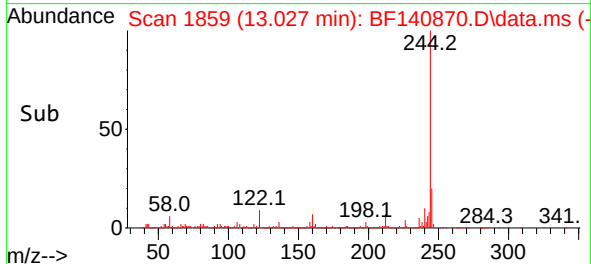
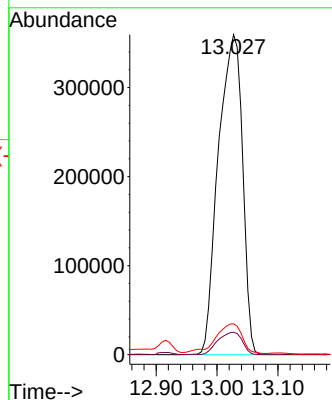
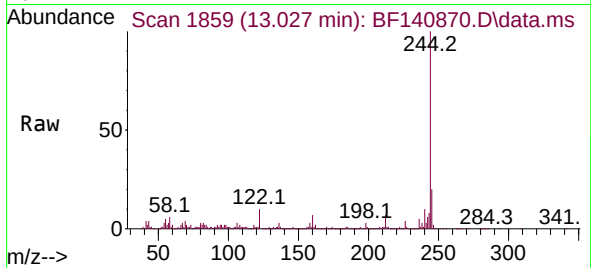




#79
 Terphenyl-d14
 Concen: 89.456 ng
 RT: 13.027 min Scan# 1847
 Delta R.T. 0.070 min
 Lab File: BF140870.D
 Acq: 16 Dec 2024 19:45

Instrument :
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Tgt Ion:244 Resp: 990907
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 9.7 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 2281
 Delta R.T. -0.036 min
 Lab File: BF140870.D
 Acq: 16 Dec 2024 19:45

Tgt Ion:264 Resp: 170876
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.5 17.0 25.4

