

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
 Data File : BF140884.D
 Acq On : 17 Dec 2024 14:45
 Operator : RC/JU
 Sample : P5192-02RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WASTE WATERRE

Quant Time: Dec 17 15:13:32 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)

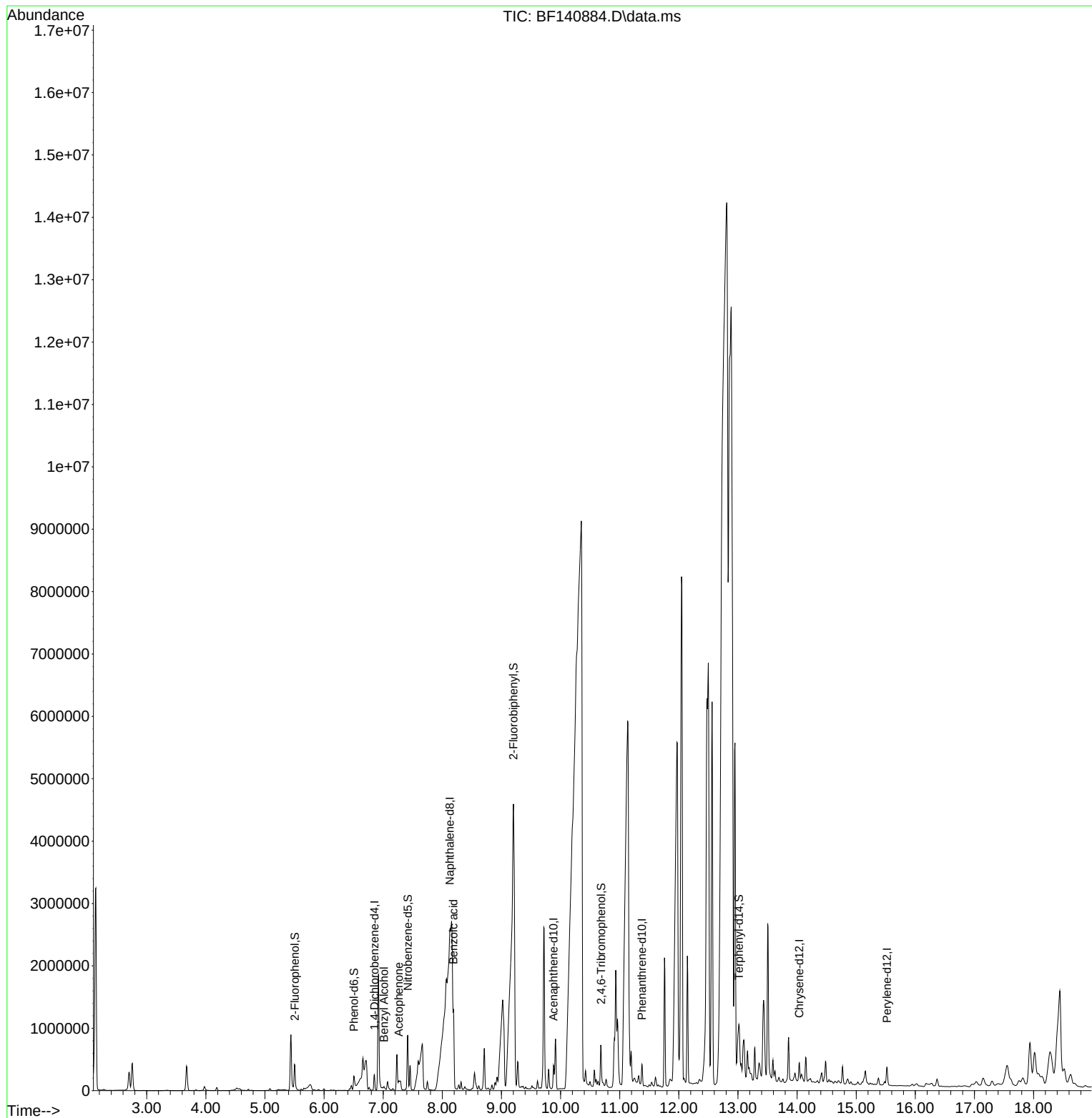
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	57503	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	187534	20.000	ng	# 0.00
39) Acenaphthene-d10	9.880	164	112053	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	187995	20.000	ng	0.00
76) Chrysene-d12	14.039	240	144181	20.000	ng	0.00
86) Perylene-d12	15.521	264	175828	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	169729	48.590	ng	0.02
7) Phenol-d6	6.504	99	140472	30.361	ng	0.00
23) Nitrobenzene-d5	7.416	82	399106	106.475	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	113534	85.669	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	740795	90.893	ng	0.00
79) Terphenyl-d14	13.016	244	779547	85.257	ng	0.06
Target Compounds						
15) Benzyl Alcohol	7.016	79	23443	7.087	ng	Qvalue 97
22) Acetophenone	7.263	105	23958	5.107	ng	# 93
32) Benzoic acid	8.187	122	523060	267.020	ng	99

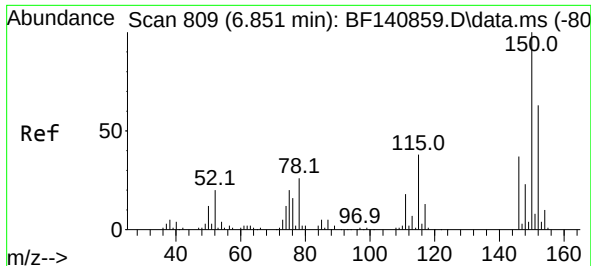
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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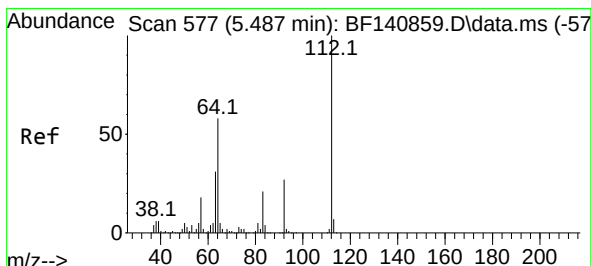
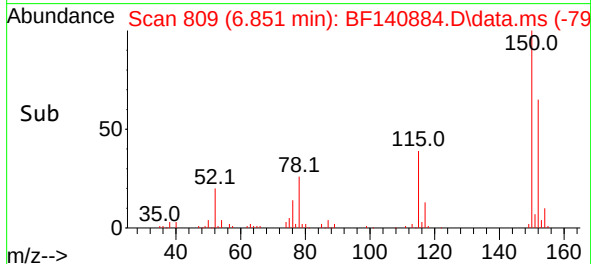
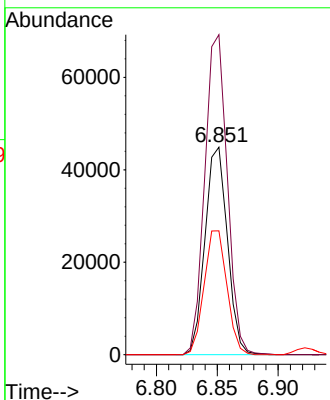
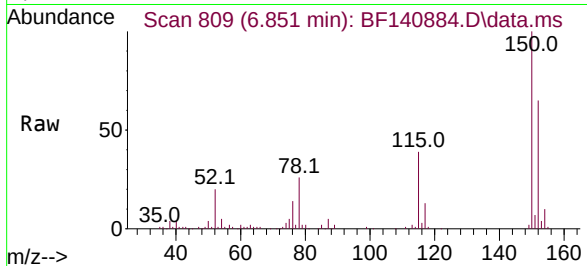




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF140884.D
Acq: 17 Dec 2024 14:45

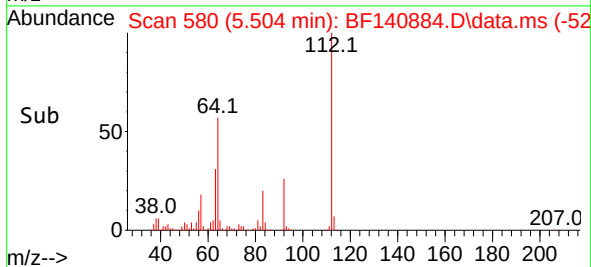
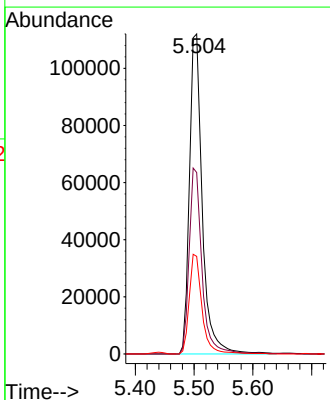
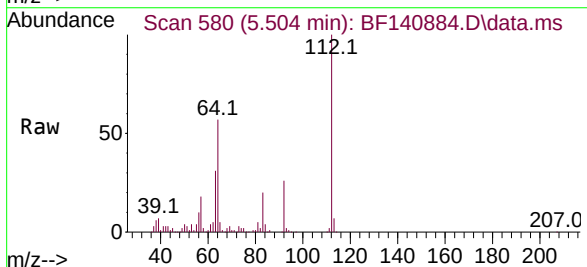
Instrument :
BNA_F
ClientSampleId :
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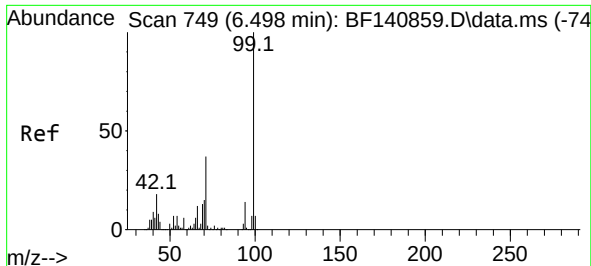
Tgt Ion:152 Resp: 57503
Ion Ratio Lower Upper
152 100
150 154.2 127.9 191.9
115 59.7 48.0 72.0



#5
2-Fluorophenol
Concen: 48.590 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF140884.D
Acq: 17 Dec 2024 14:45

Tgt Ion:112 Resp: 169729
Ion Ratio Lower Upper
112 100
64 56.7 46.1 69.1
63 30.5 24.9 37.3





#7

Phenol-d6

Concen: 30.361 ng

RT: 6.504 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF140884.D

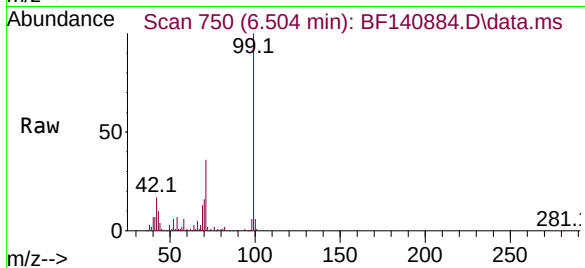
Acq: 17 Dec 2024 14:45

Instrument :

BNA_F

ClientSampleId :

EFF-WASTE WATERRE



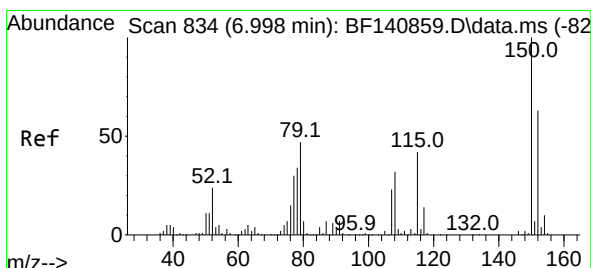
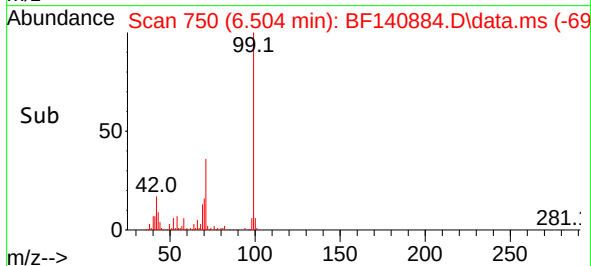
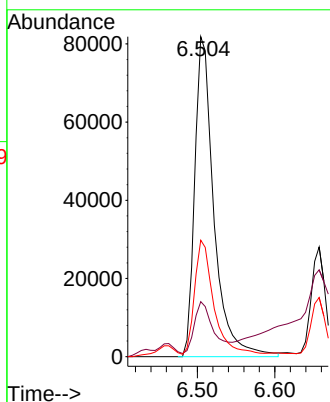
Tgt Ion: 99 Resp: 140472

Ion Ratio Lower Upper

99 100

42 17.2 14.3 21.5

71 36.4 29.9 44.9



#15

Benzyl Alcohol

Concen: 7.087 ng

RT: 7.016 min Scan# 837

Delta R.T. 0.018 min

Lab File: BF140884.D

Acq: 17 Dec 2024 14:45

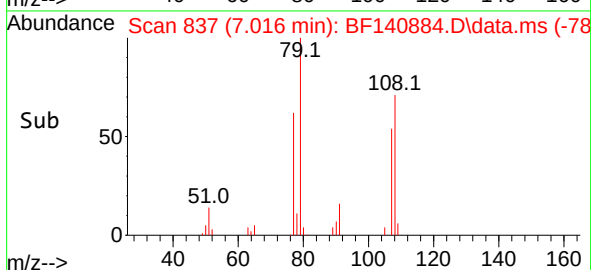
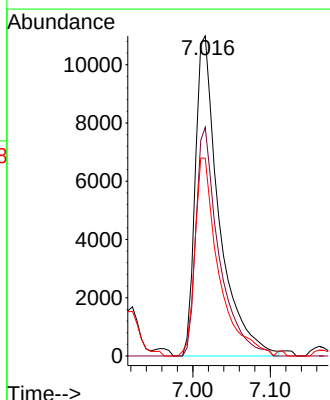
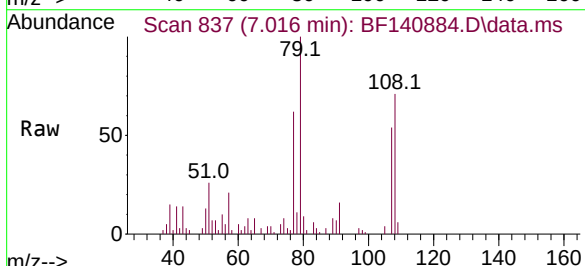
Tgt Ion: 79 Resp: 23443

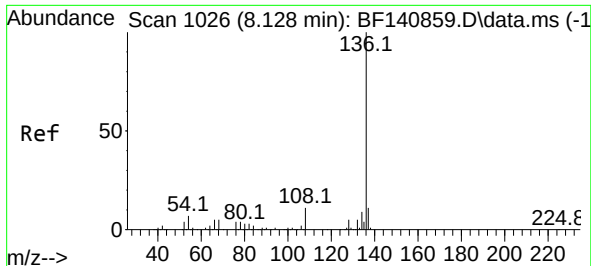
Ion Ratio Lower Upper

79 100

108 71.5 55.1 82.7

77 61.8 50.6 76.0

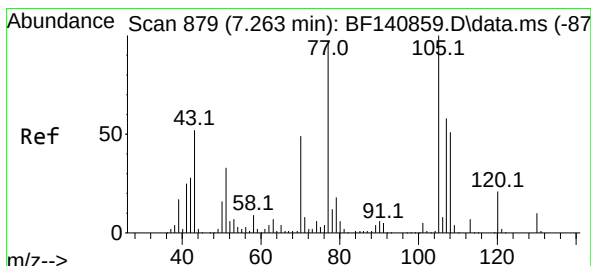
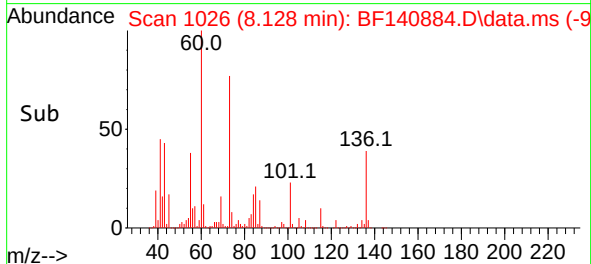
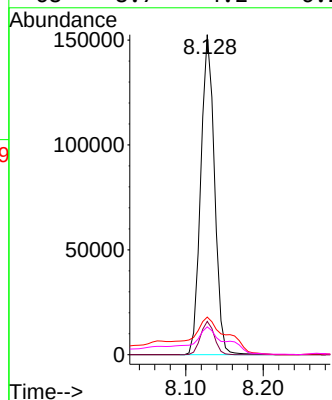
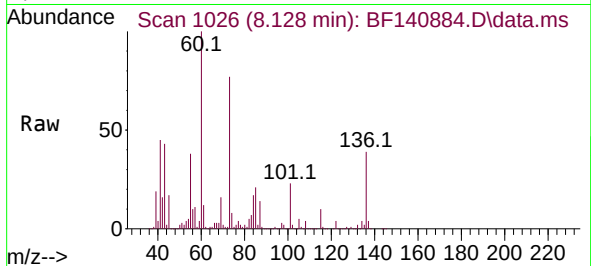




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140884.D
Acq: 17 Dec 2024 14:45

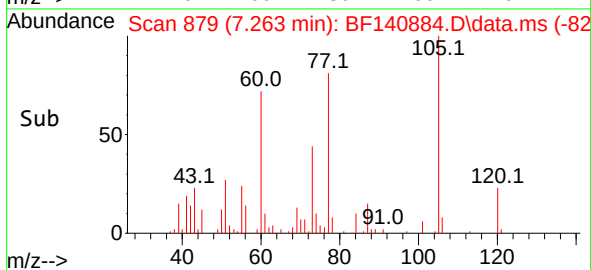
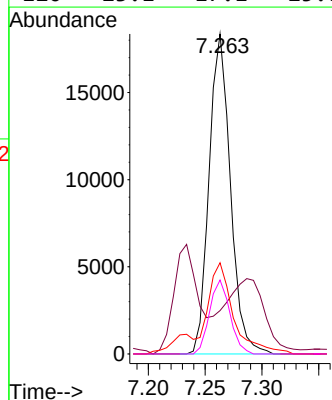
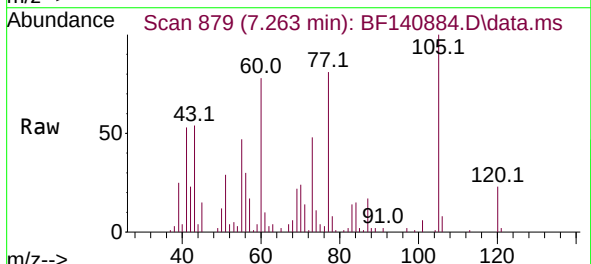
Instrument :
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ClientSampleId :
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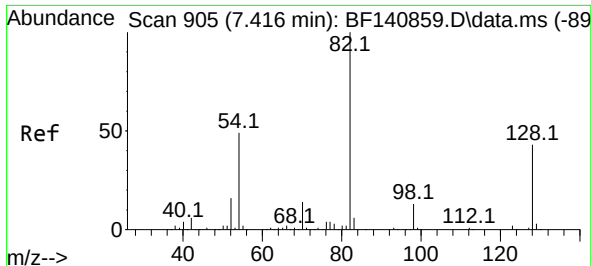
Tgt Ion:136 Resp: 187534
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.4
54 11.7 5.6 8.4#
68 8.7 4.2 6.2#



#22
Acetophenone
Concen: 5.107 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF140884.D
Acq: 17 Dec 2024 14:45

Tgt Ion:105 Resp: 23958
Ion Ratio Lower Upper
105 100
71 13.6 6.2 9.4#
51 28.5 26.3 39.5
120 23.1 17.1 25.7

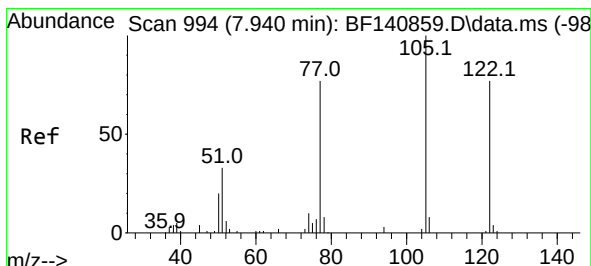
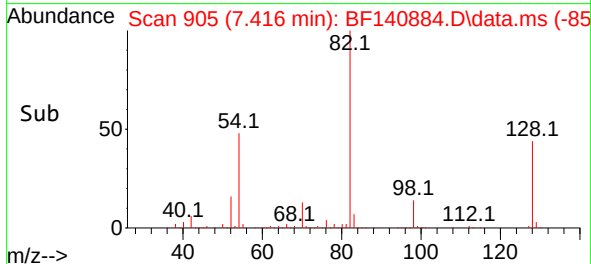
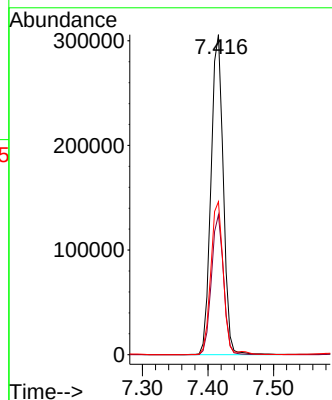
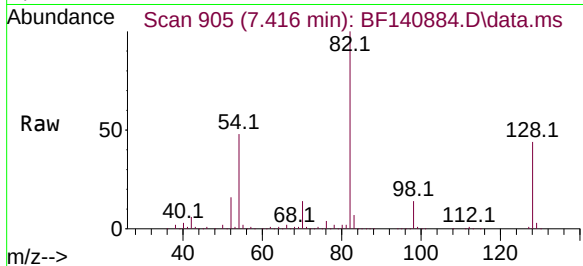




#23
Nitrobenzene-d5
Concen: 106.475 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF140884.D
Acq: 17 Dec 2024 14:45

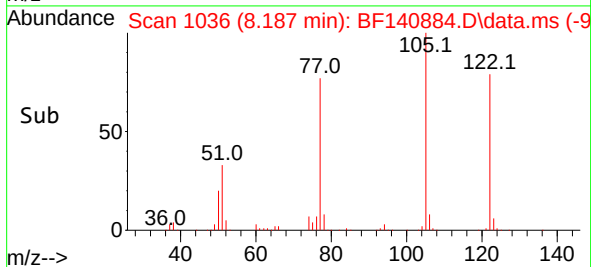
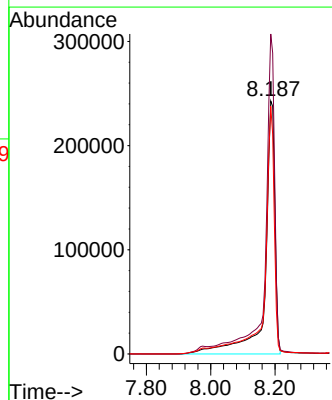
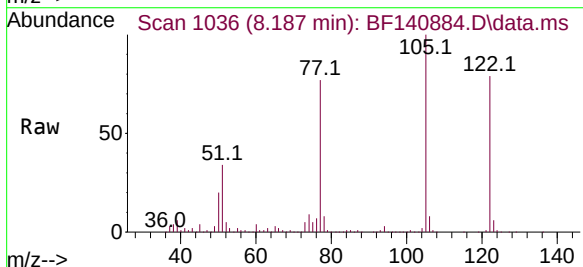
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BNA_F
ClientSampleId :
EFF-WASTE WATERRE

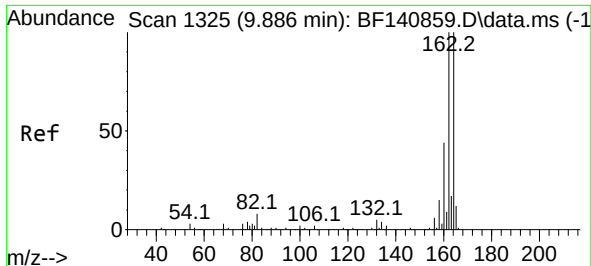
Tgt Ion: 82 Resp: 399106
Ion Ratio Lower Upper
82 100
128 43.7 34.4 51.6
54 47.8 38.8 58.2



#32
Benzoic acid
Concen: 267.020 ng
RT: 8.187 min Scan# 1036
Delta R.T. 0.247 min
Lab File: BF140884.D
Acq: 17 Dec 2024 14:45

Tgt Ion:122 Resp: 523060
Ion Ratio Lower Upper
122 100
105 126.5 108.3 148.3
77 97.9 78.8 118.8

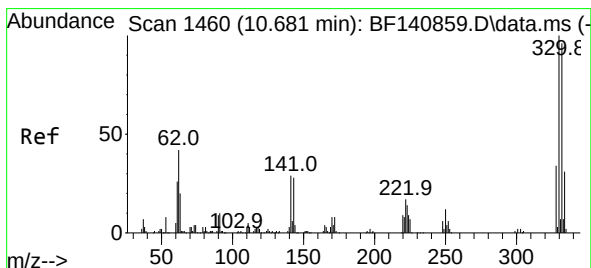
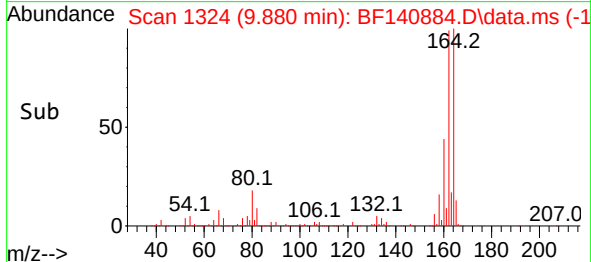
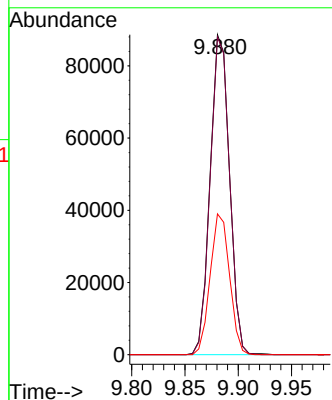
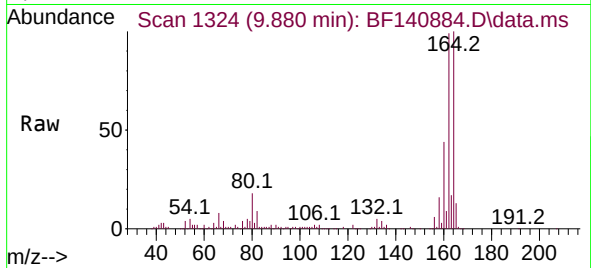




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140884.D
Acq: 17 Dec 2024 14:45

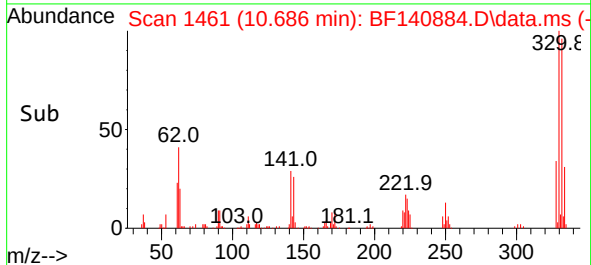
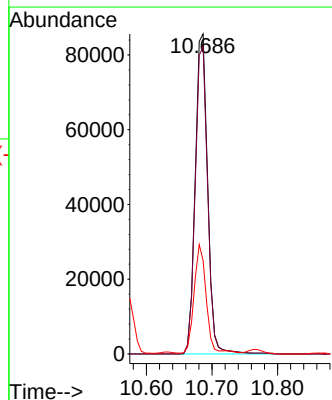
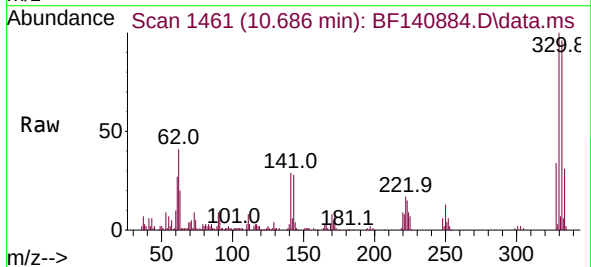
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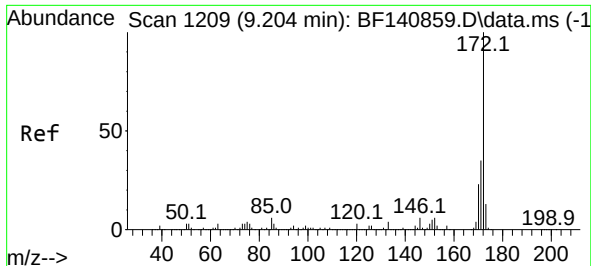
Tgt Ion:164 Resp: 112053
Ion Ratio Lower Upper
164 100
162 99.3 79.9 119.9
160 44.0 35.2 52.8



#42
2,4,6-Tribromophenol
Concen: 85.669 ng
RT: 10.686 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BF140884.D
Acq: 17 Dec 2024 14:45

Tgt Ion:330 Resp: 113534
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 33.1 24.9 37.3

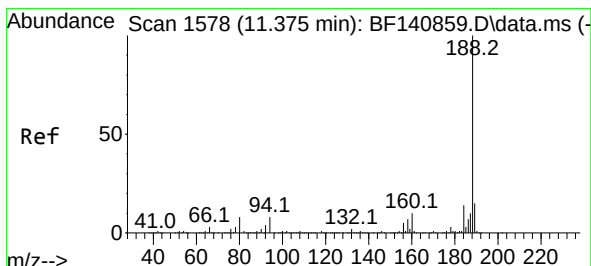
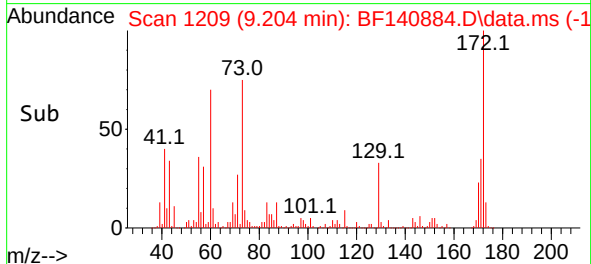
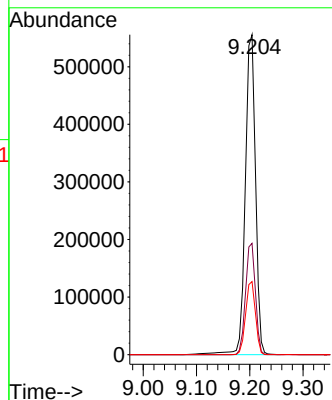
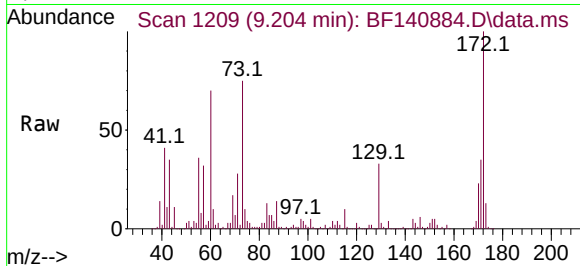




#45
2-Fluorobiphenyl
Concen: 90.893 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140884.D
Acq: 17 Dec 2024 14:45

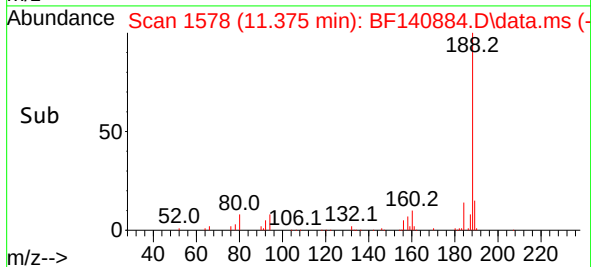
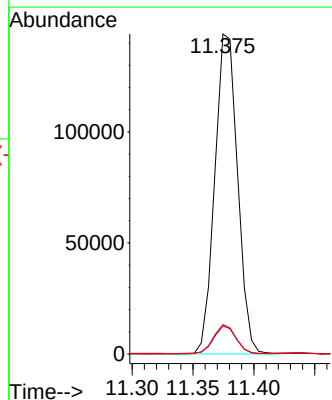
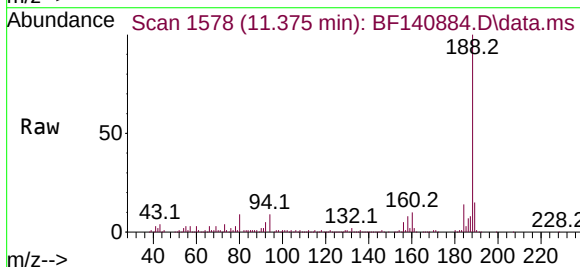
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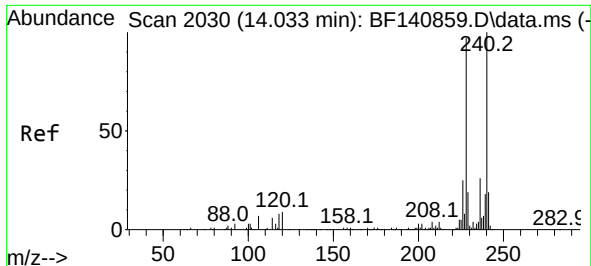
Tgt Ion:172 Resp: 740795
Ion Ratio Lower Upper
172 100
171 34.8 28.4 42.6
170 22.9 18.6 28.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF140884.D
Acq: 17 Dec 2024 14:45

Tgt Ion:188 Resp: 187995
Ion Ratio Lower Upper
188 100
94 8.8 6.4 9.6
80 9.2 6.8 10.2

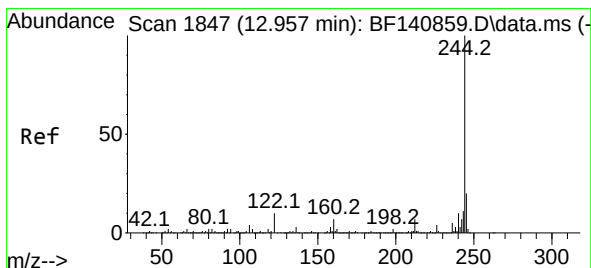
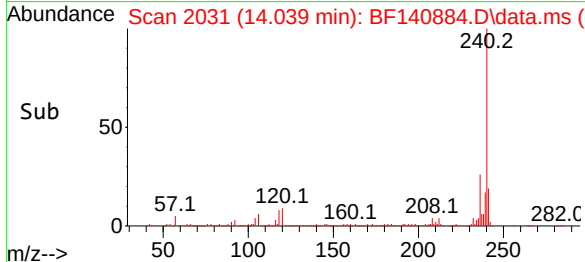
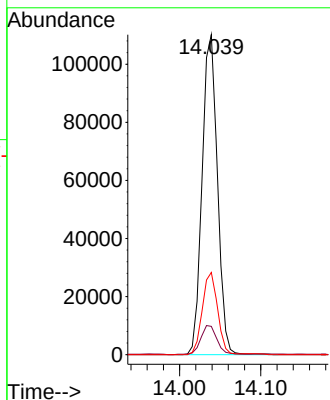
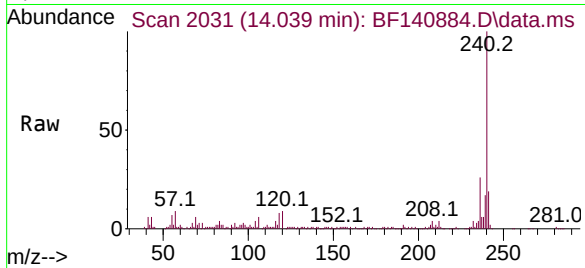




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2030
Delta R.T. 0.006 min
Lab File: BF140884.D
Acq: 17 Dec 2024 14:45

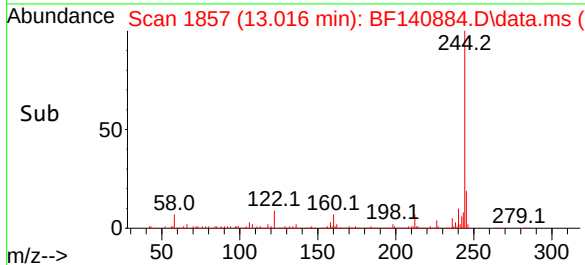
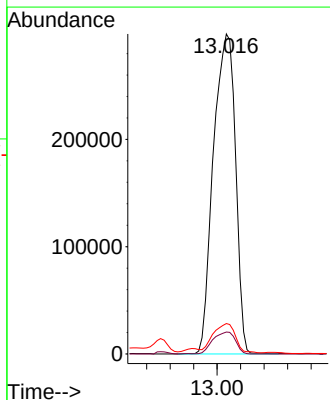
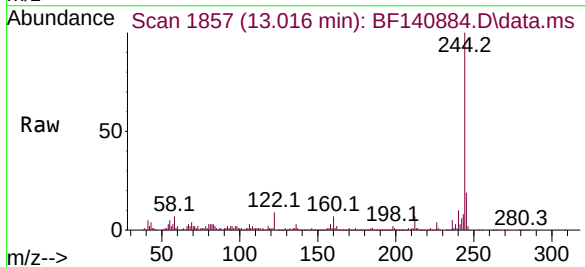
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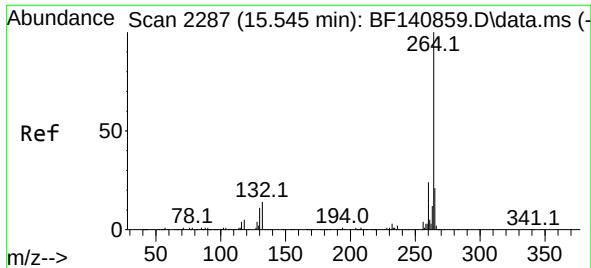
Tgt Ion:240 Resp: 144181
Ion Ratio Lower Upper
240 100
120 8.9 7.6 11.4
236 25.7 20.5 30.7



#79
Terphenyl-d14
Concen: 85.257 ng
RT: 13.016 min Scan# 1857
Delta R.T. 0.059 min
Lab File: BF140884.D
Acq: 17 Dec 2024 14:45

Tgt Ion:244 Resp: 779547
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 9.5 8.2 12.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF140884.D
Acq: 17 Dec 2024 14:45

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATERRE

Tgt Ion:264 Resp: 175828

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.1	28.7
265	21.9	17.0	25.4

