

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
 Data File : BM049681.D
 Acq On : 28 Feb 2025 16:36
 Operator : RC/JU
 Sample : Q1456-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WASTE WATER

Quant Time: Feb 28 17:10:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 04:55:28 2025
 Response via : Initial Calibration

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

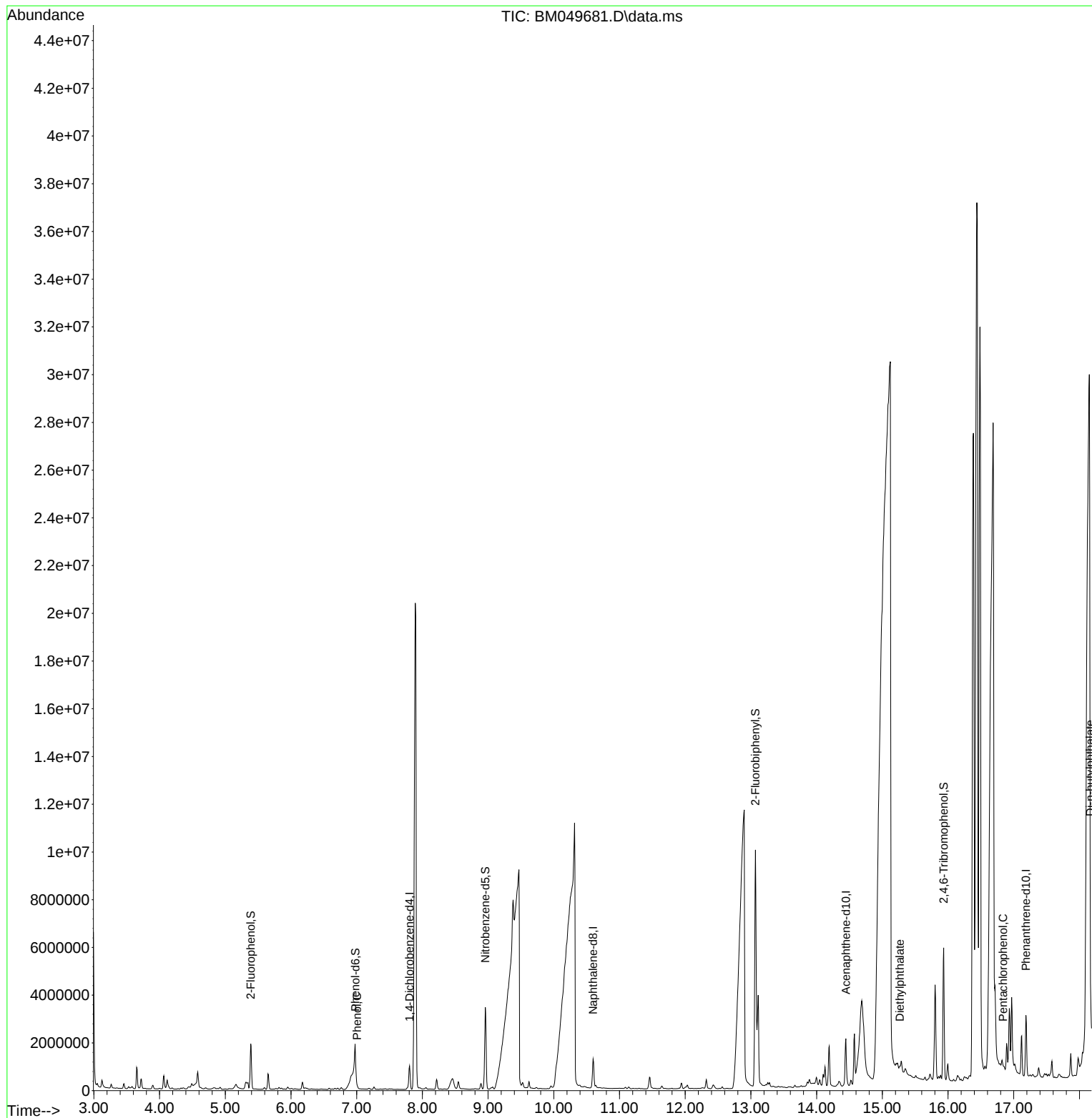
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	262882	20.000	ng	-0.02
21) Naphthalene-d8	10.598	136	956753	20.000	ng	-0.03
39) Acenaphthene-d10	14.445	164	659772	20.000	ng	-0.02
64) Phenanthrene-d10	17.186	188	1424347	20.000	ng	-0.02
76) Chrysene-d12	21.427	240	1790067	20.000	ng	-0.02
86) Perylene-d12	24.439	264	1614006	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	762276	46.630	ng	0.00
7) Phenol-d6	6.981	99	619987	28.948	ng	0.00
23) Nitrobenzene-d5	8.957	82	1904665	102.399	ng	-0.02
42) 2,4,6-Tribromophenol	15.933	330	972101	124.345	ng	-0.02
45) 2-Fluorobiphenyl	13.069	172	4847076	95.172	ng	-0.02
79) Terphenyl-d14	19.815	244	10036283	85.616	ng	-0.02
Target Compounds						
						Qvalue
10) Phenol	7.004	94	58662	2.781	ng	96
60) Diethylphthalate	15.269	149	160810	3.377	ng	98
70) Pentachlorophenol	16.839	266	42013	10.675	ng	96
74) Di-n-butylphthalate	18.163	149	274438	3.067	ng	97

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

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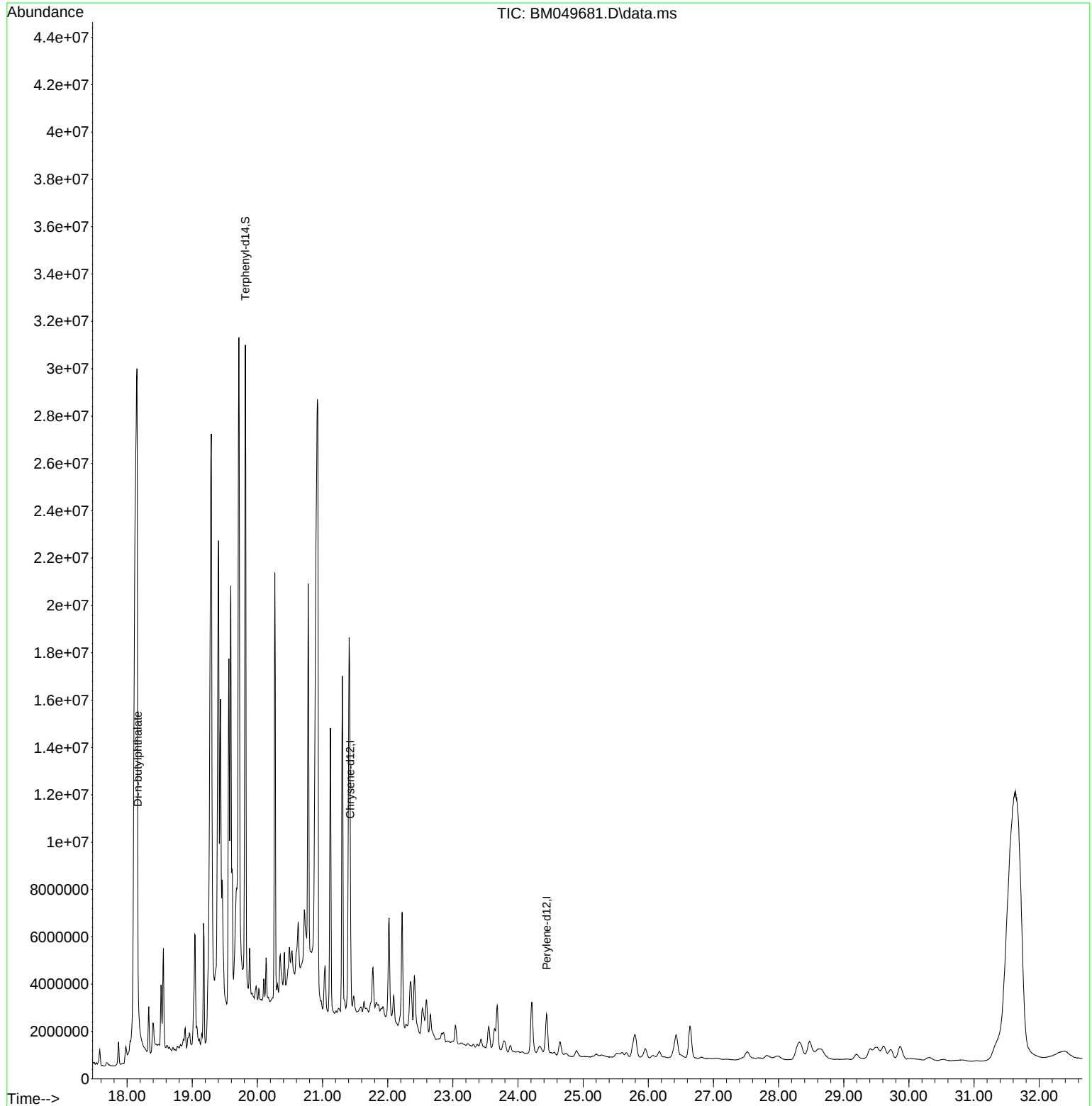
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 2025
Response via : Initial Calibration

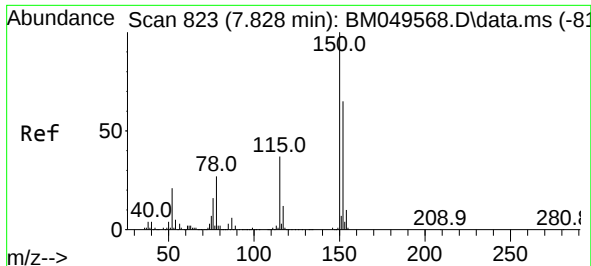


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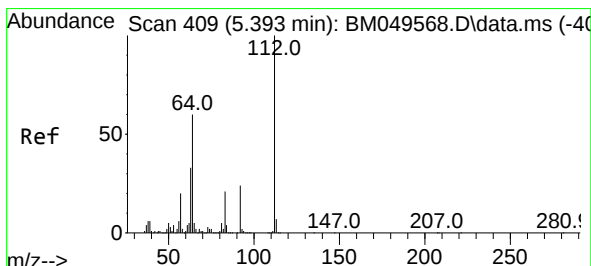
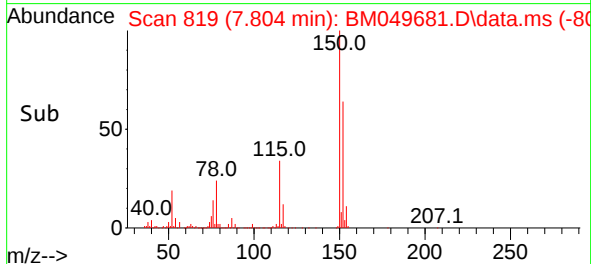
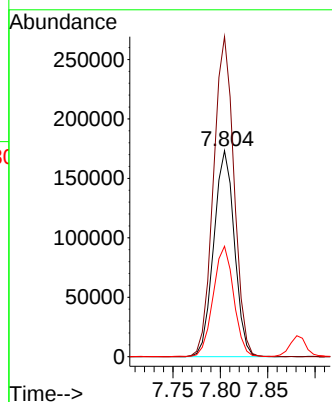
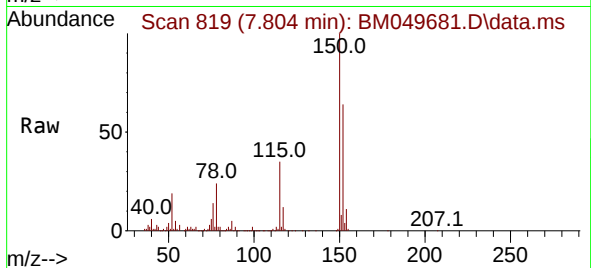




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.024 min
Lab File: BM049681.D
Acq: 28 Feb 2025 16:36

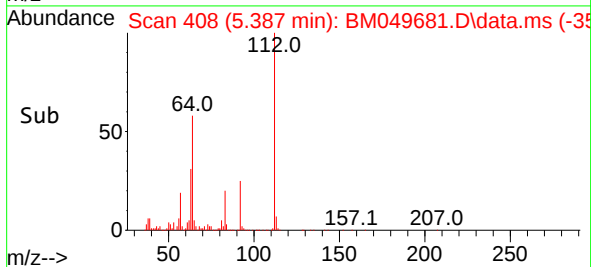
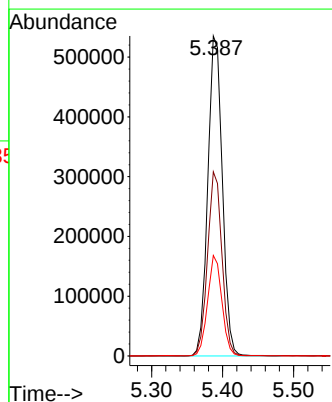
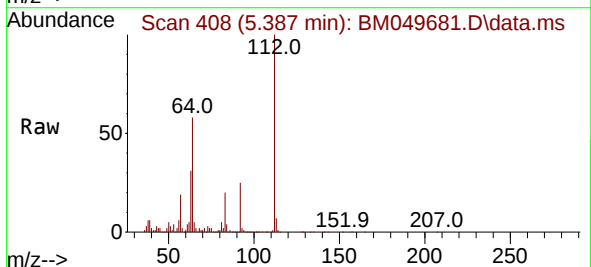
Instrument :
BNA_M
ClientSampleId :
EFF-WASTE WATER

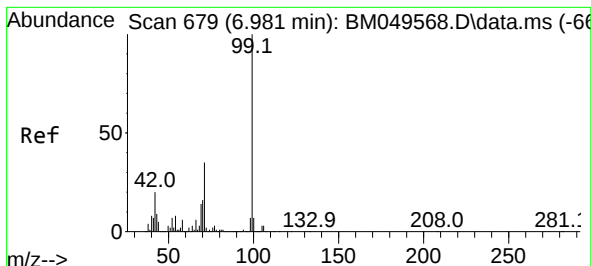
Tgt Ion:152 Resp: 262882
Ion Ratio Lower Upper
152 100
150 155.4 122.6 184.0
115 53.6 45.4 68.0



#5
2-Fluorophenol
Concen: 46.630 ng
RT: 5.387 min Scan# 408
Delta R.T. -0.006 min
Lab File: BM049681.D
Acq: 28 Feb 2025 16:36

Tgt Ion:112 Resp: 762276
Ion Ratio Lower Upper
112 100
64 57.6 47.8 71.8
63 31.4 26.2 39.4

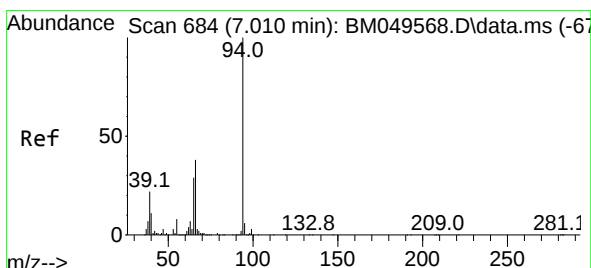
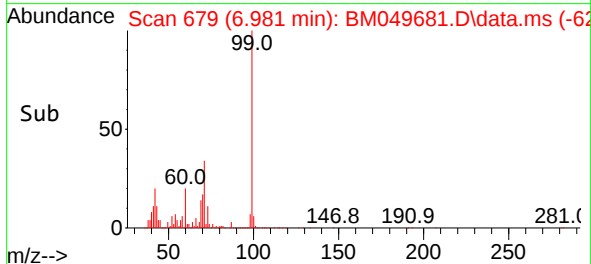
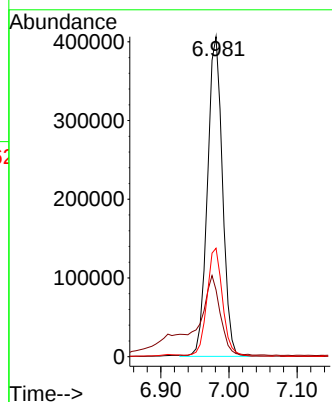
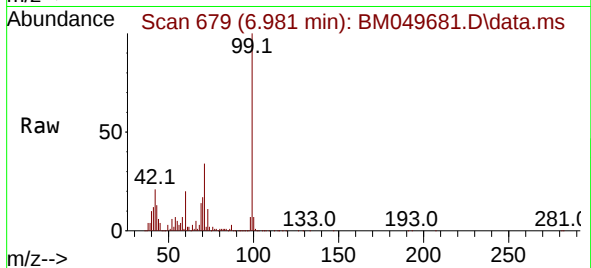




#7
Phenol-d6
Concen: 28.948 ng
RT: 6.981 min Scan# 619
Delta R.T. 0.000 min
Lab File: BM049681.D
Acq: 28 Feb 2025 16:36

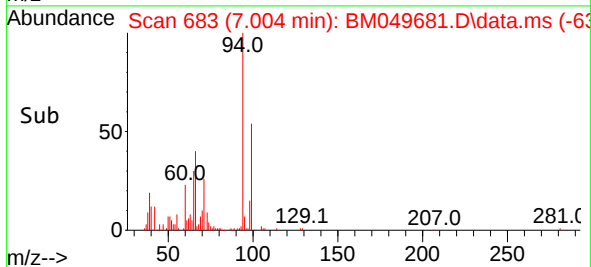
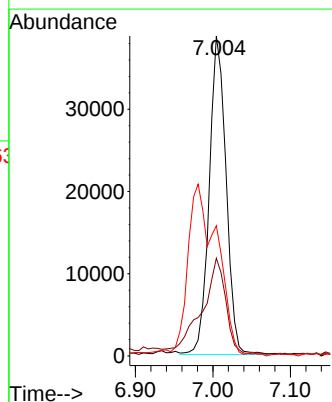
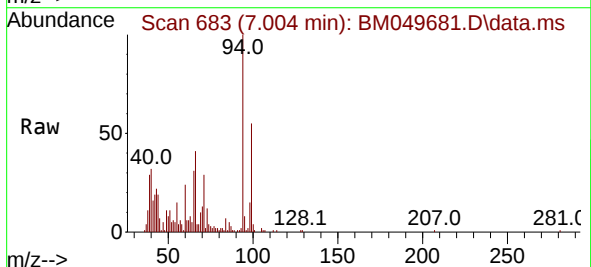
Instrument :
BNA_M
ClientSampleId :
EFF-WASTE WATER

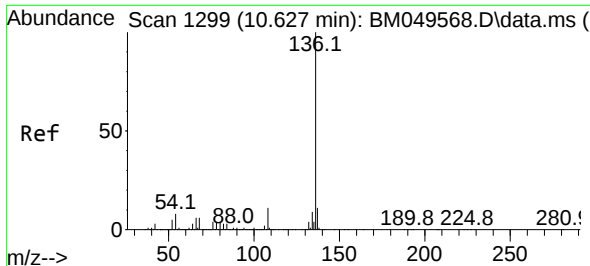
Tgt Ion: 99 Resp: 619987
Ion Ratio Lower Upper
99 100
42 20.9 16.0 24.0
71 33.9 27.8 41.6



#10
Phenol
Concen: 2.781 ng
RT: 7.004 min Scan# 683
Delta R.T. -0.006 min
Lab File: BM049681.D
Acq: 28 Feb 2025 16:36

Tgt Ion: 94 Resp: 58662
Ion Ratio Lower Upper
94 100
65 30.6 9.3 49.3
66 40.7 17.7 57.7

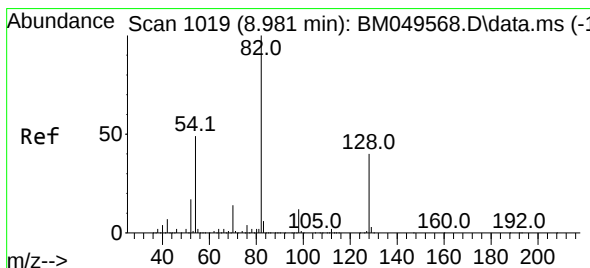
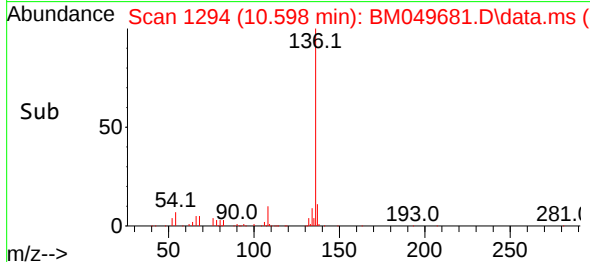
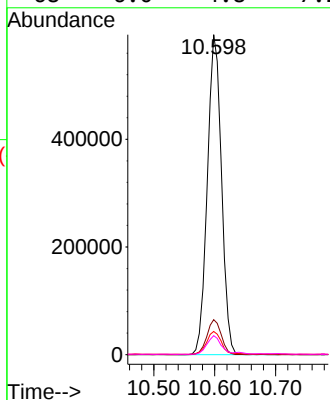
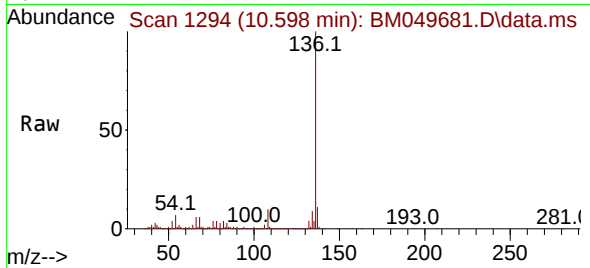




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.598 min Scan# 11
Delta R.T. -0.029 min
Lab File: BM049681.D
Acq: 28 Feb 2025 16:36

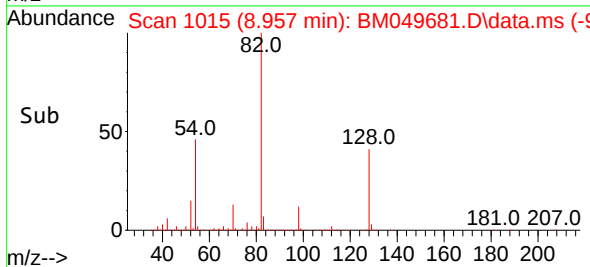
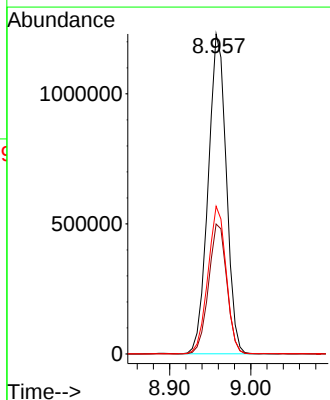
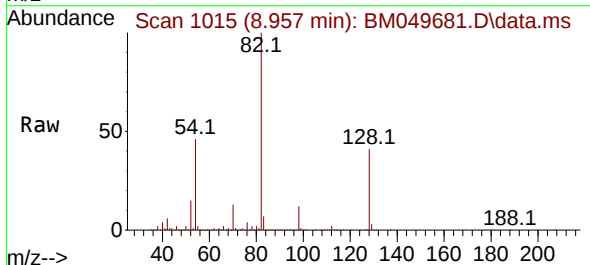
Instrument :
BNA_M
ClientSampleId :
EFF-WASTE WATER

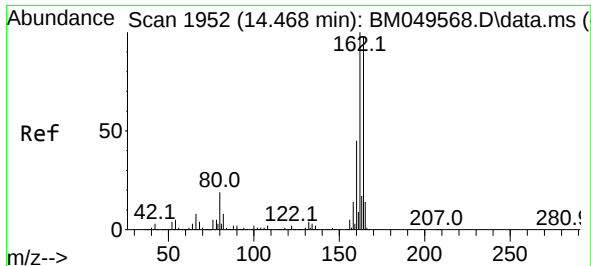
Tgt Ion:	136	Resp:	956753
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.2	6.6	10.0
68	6.0	4.8	7.2



#23
Nitrobenzene-d5
Concen: 102.399 ng
RT: 8.957 min Scan# 1015
Delta R.T. -0.023 min
Lab File: BM049681.D
Acq: 28 Feb 2025 16:36

Tgt Ion:	82	Resp:	1904665
Ion	Ratio	Lower	Upper
82	100		
128	40.6	31.6	47.4
54	46.2	39.4	59.0

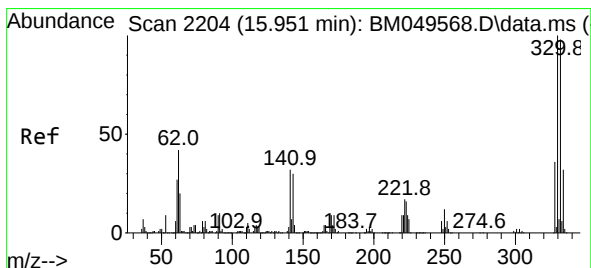
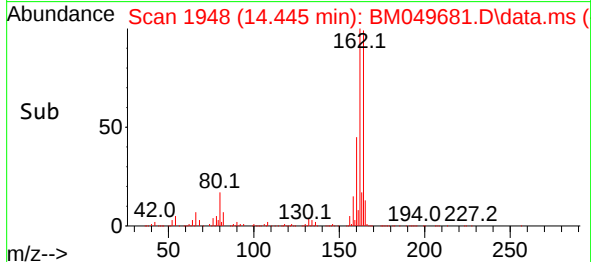
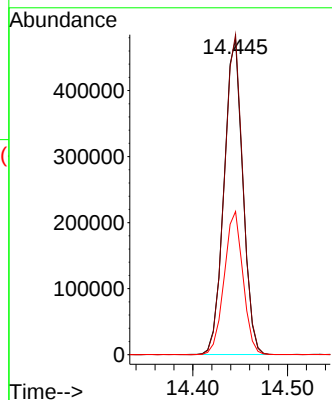
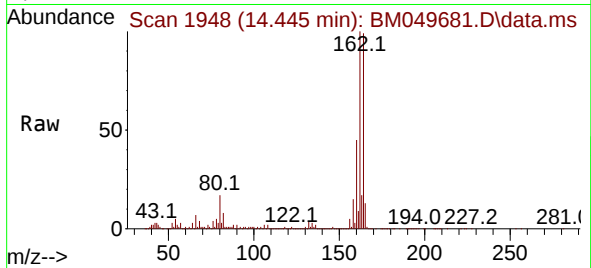




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1952
Delta R.T. -0.023 min
Lab File: BM049681.D
Acq: 28 Feb 2025 16:36

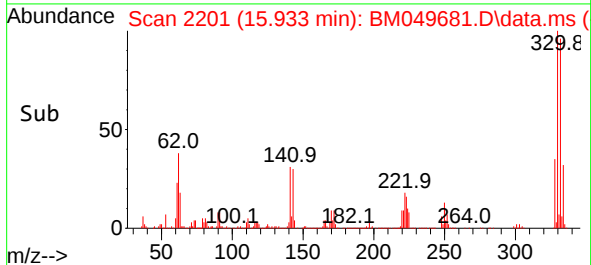
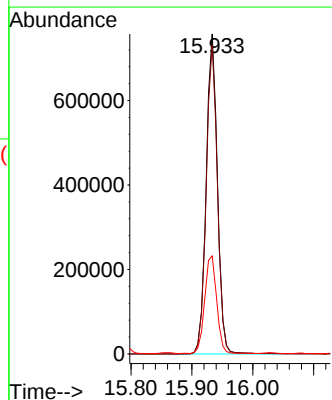
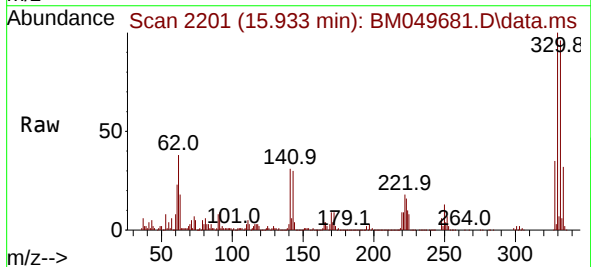
Instrument :
BNA_M
ClientSampleId :
EFF-WASTE WATER

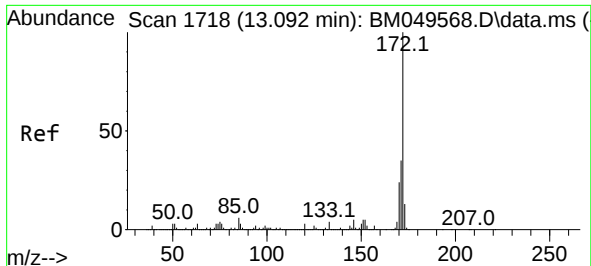
Tgt Ion:164 Resp: 659772
Ion Ratio Lower Upper
164 100
162 101.5 81.4 122.0
160 45.4 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 124.345 ng
RT: 15.933 min Scan# 2201
Delta R.T. -0.017 min
Lab File: BM049681.D
Acq: 28 Feb 2025 16:36

Tgt Ion:330 Resp: 972101
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 32.6 28.2 42.2

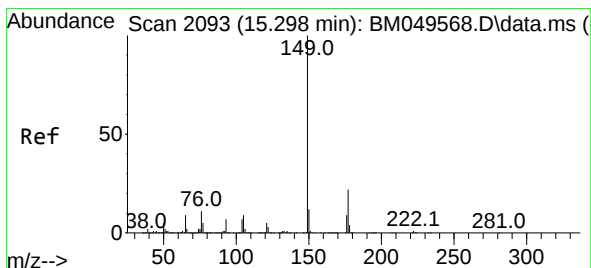
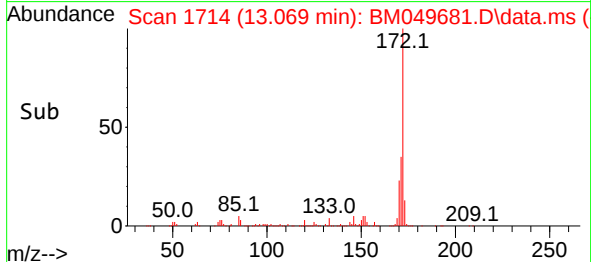
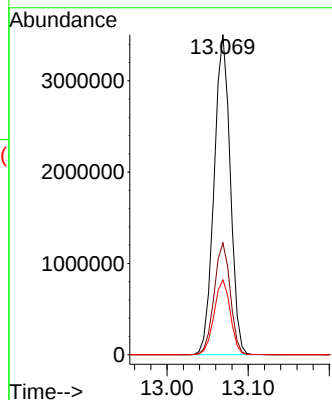
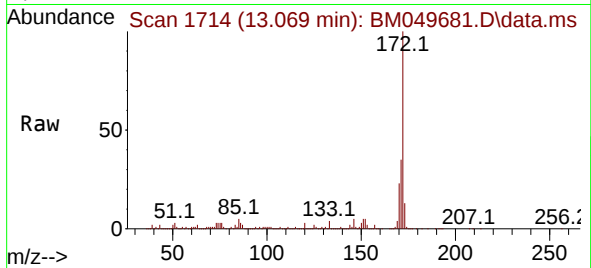




#45
2-Fluorobiphenyl
Concen: 95.172 ng
RT: 13.069 min Scan# 11
Delta R.T. -0.023 min
Lab File: BM049681.D
Acq: 28 Feb 2025 16:36

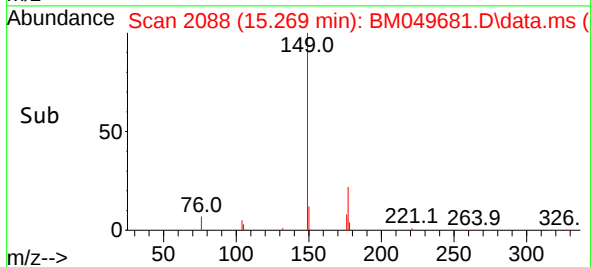
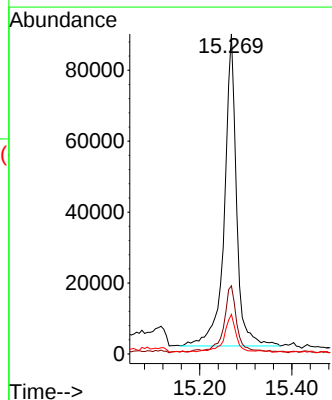
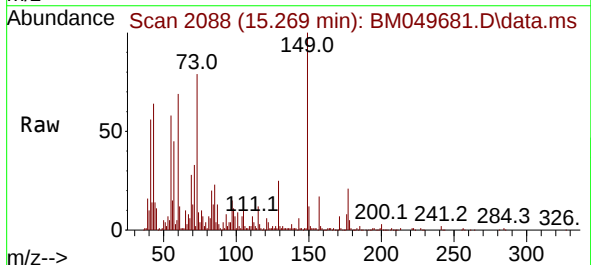
Instrument :
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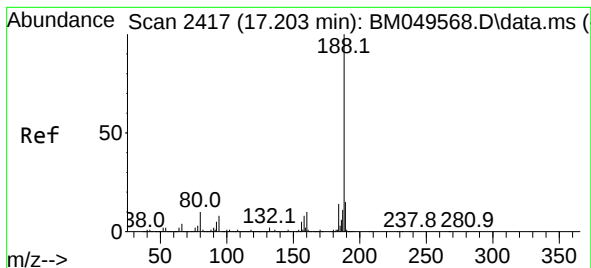
Tgt Ion:172 Resp: 4847076
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 23.4 19.0 28.4



#60
Diethylphthalate
Concen: 3.377 ng
RT: 15.269 min Scan# 2088
Delta R.T. -0.029 min
Lab File: BM049681.D
Acq: 28 Feb 2025 16:36

Tgt Ion:149 Resp: 160810
Ion Ratio Lower Upper
149 100
177 21.3 18.0 27.0
150 12.3 9.7 14.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.186 min Scan# 2417

Delta R.T. -0.017 min

Lab File: BM049681.D

Acq: 28 Feb 2025 16:36

Instrument :

BNA_M

ClientSampleId :

EFF-WASTE WATER

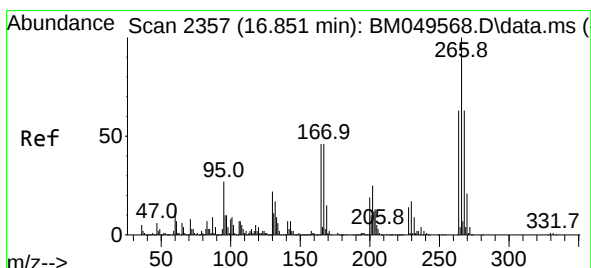
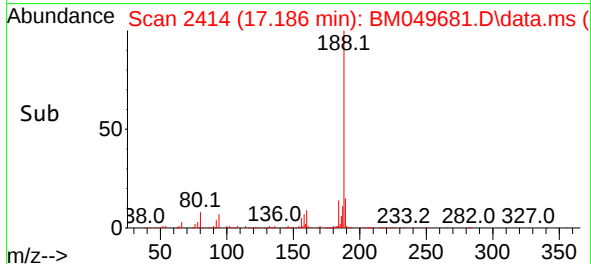
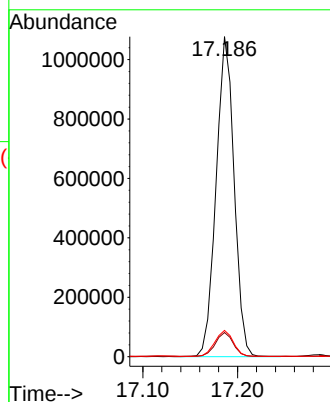
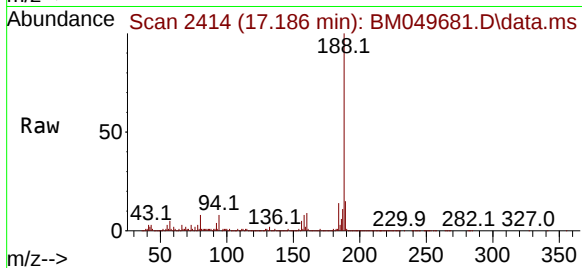
Tgt Ion:188 Resp: 1424347

Ion Ratio Lower Upper

188 100

94 7.5 6.7 10.1

80 8.2 7.7 11.5



#70

Pentachlorophenol

Concen: 10.675 ng

RT: 16.839 min Scan# 2355

Delta R.T. -0.011 min

Lab File: BM049681.D

Acq: 28 Feb 2025 16:36

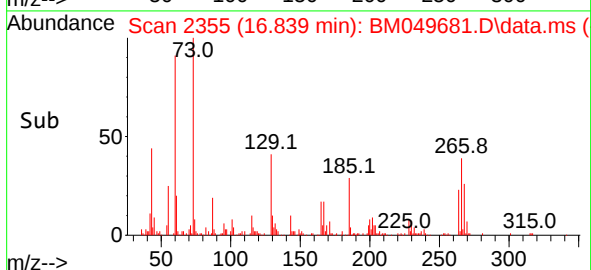
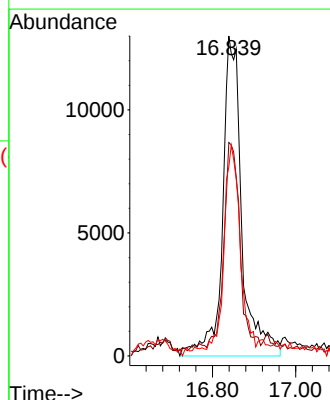
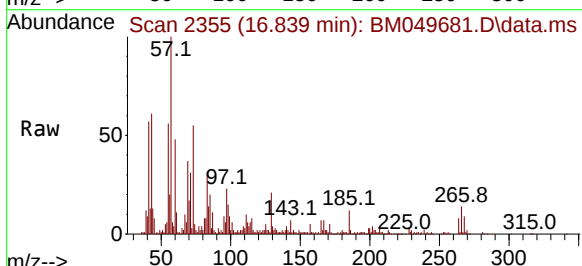
Tgt Ion:266 Resp: 42013

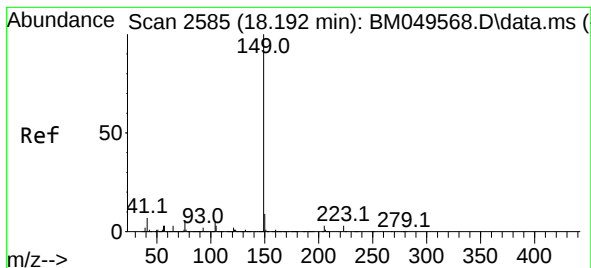
Ion Ratio Lower Upper

266 100

268 66.7 50.8 76.2

264 59.1 50.0 75.0





#74

Di-n-butylphthalate

Concen: 3.067 ng

RT: 18.163 min Scan# 21

Delta R.T. -0.029 min

Lab File: BM049681.D

Acq: 28 Feb 2025 16:36

Instrument :

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EFF-WASTE WATER

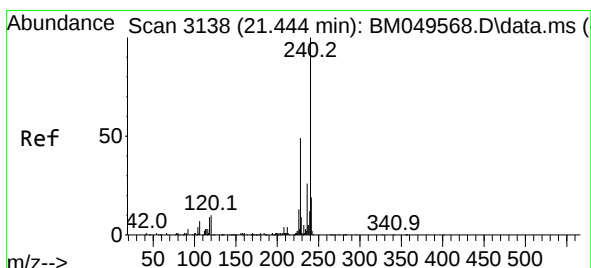
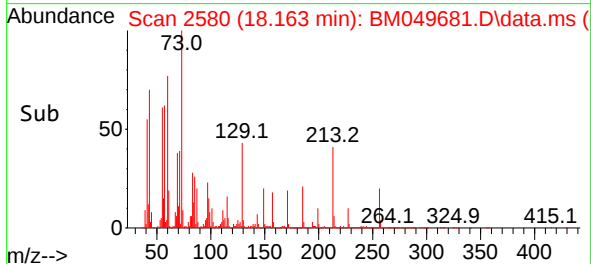
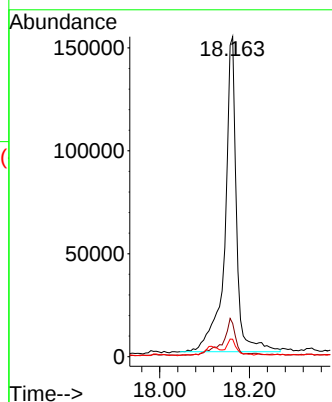
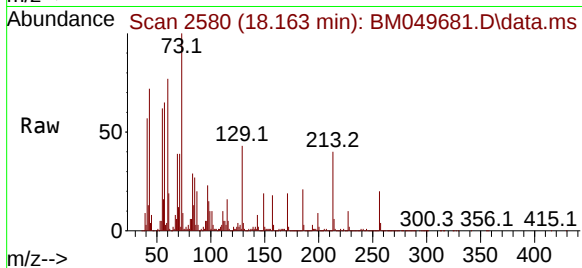
Tgt Ion:149 Resp: 274438

Ion Ratio Lower Upper

149 100

150 10.4 7.4 11.0

104 5.5 4.1 6.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.427 min Scan# 3135

Delta R.T. -0.017 min

Lab File: BM049681.D

Acq: 28 Feb 2025 16:36

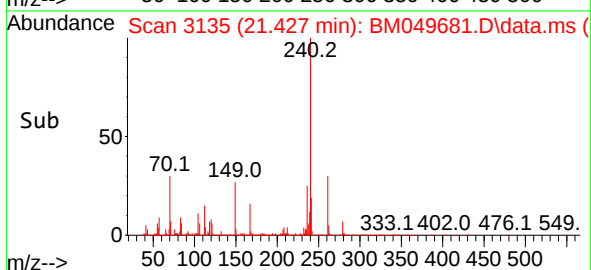
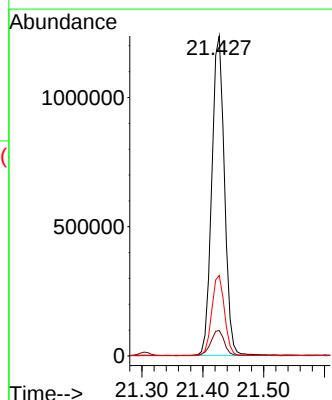
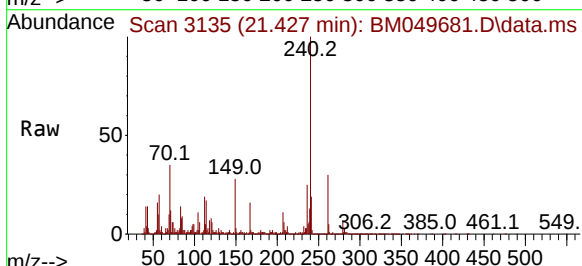
Tgt Ion:240 Resp: 1790067

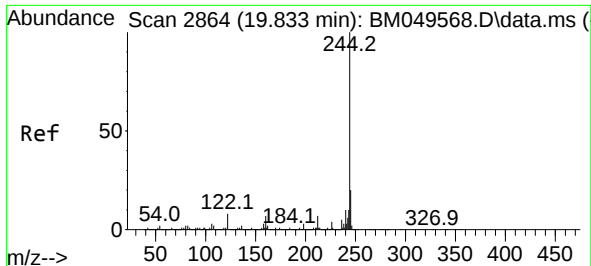
Ion Ratio Lower Upper

240 100

120 8.0 7.8 11.8

236 25.1 20.6 31.0

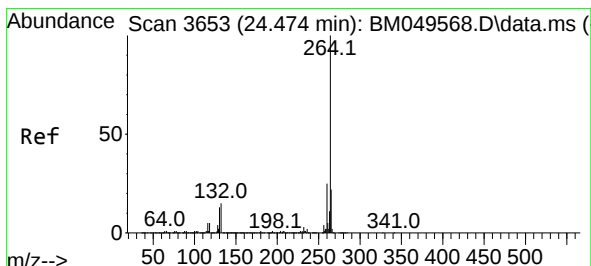
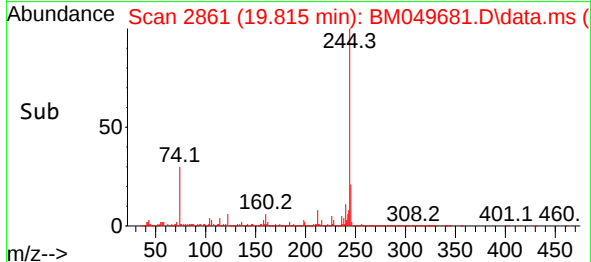
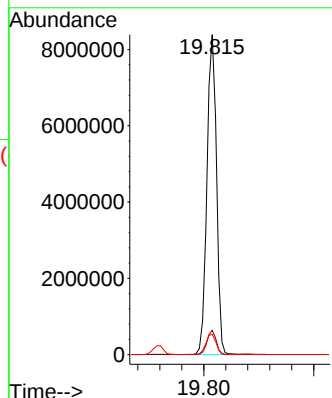
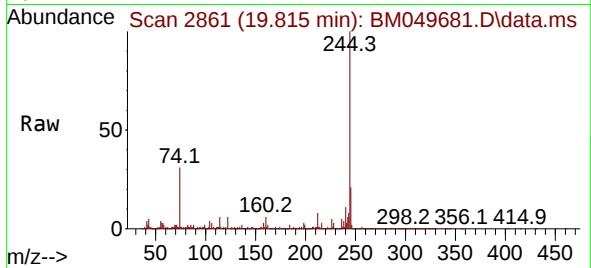




#79
 Terphenyl-d14
 Concen: 85.616 ng
 RT: 19.815 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BM049681.D
 Acq: 28 Feb 2025 16:36

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WASTE WATER

Tgt Ion:244 Resp:10036283
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.6
 122 6.3 6.2 9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.439 min Scan# 3647
 Delta R.T. -0.035 min
 Lab File: BM049681.D
 Acq: 28 Feb 2025 16:36

Tgt Ion:264 Resp: 1614006
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.8 29.6
 265 22.1 17.5 26.3

