

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
 Data File : BM034326.D
 Acq On : 23 Mar 2022 00:52
 Operator : CG/JU
 Sample : N1935-02 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW

Quant Time: Mar 23 05:08:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 16 02:38:26 2022
 Response via : Initial Calibration

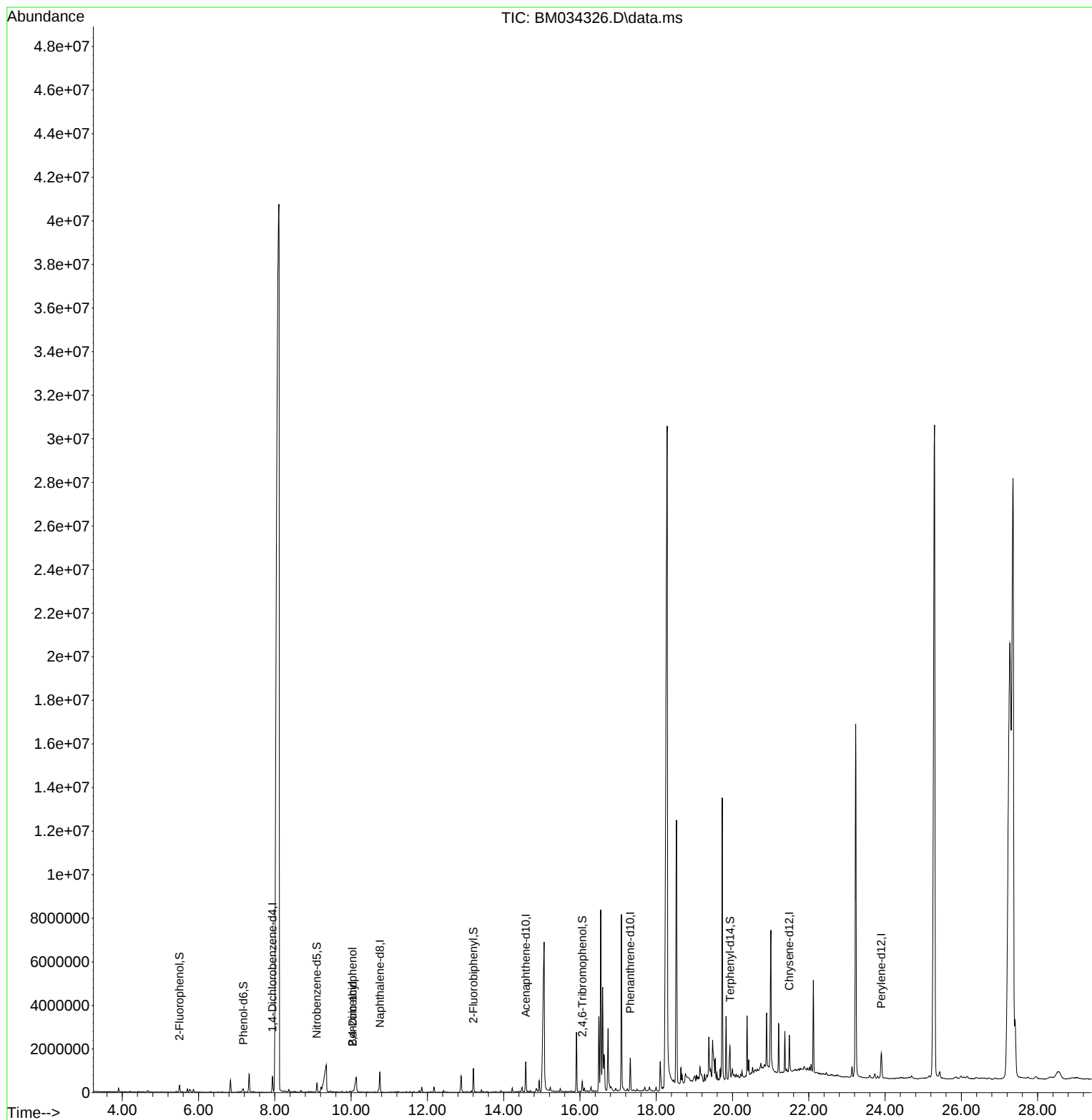
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	187517	20.000	ng	-0.01
21) Naphthalene-d8	10.754	136	744939	20.000	ng	-0.01
39) Acenaphthene-d10	14.577	164	430892	20.000	ng	-0.01
64) Phenanthrene-d10	17.318	188	828057	20.000	ng	-0.01
76) Chrysene-d12	21.489	240	828761	20.000	ng	-0.01
86) Perylene-d12	23.900	264	904510	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.501	112	93929	8.986	ng	0.00
7) Phenol-d6	7.172	99	78059	5.216	ng	0.06
23) Nitrobenzene-d5	9.101	82	238681	15.599	ng	-0.01
42) 2,4,6-Tribromophenol	16.060	330	81541	14.040	ng	-0.01
45) 2-Fluorobiphenyl	13.207	172	525771	16.674	ng	-0.01
79) Terphenyl-d14	19.936	244	695190	14.576	ng	-0.01
Target Compounds						
27) 2,4-Dimethylphenol	10.036	122	20481	2.065	ng	# 1
32) Benzoic acid	10.036	122	20481	2.497	ng	95

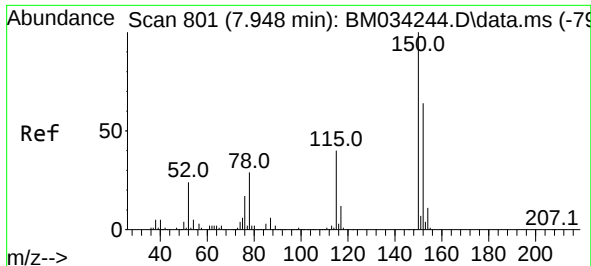
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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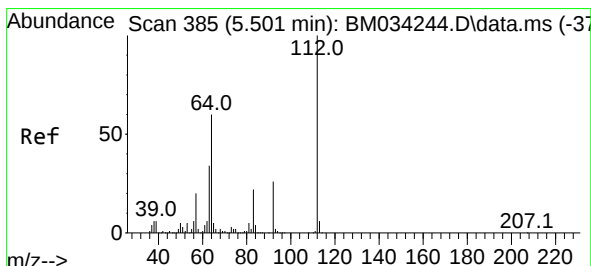
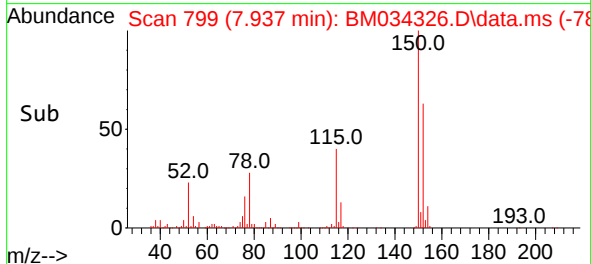
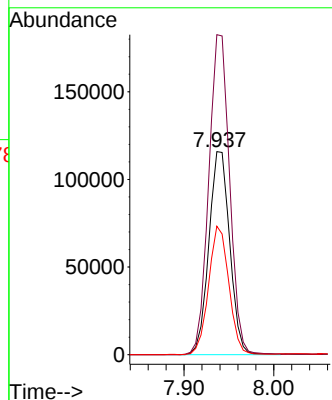
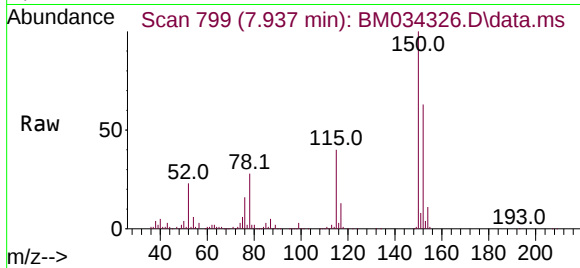




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 79
Delta R.T. -0.011 min
Lab File: BM034326.D
Acq: 23 Mar 2022 00:52

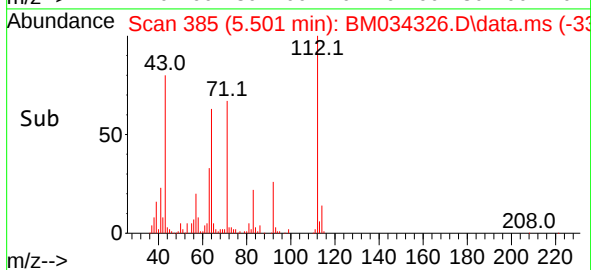
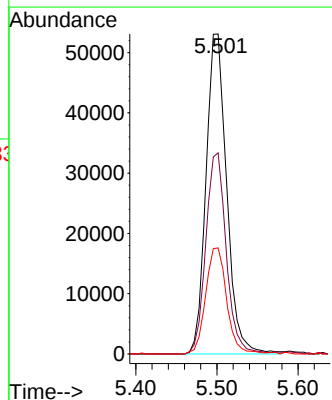
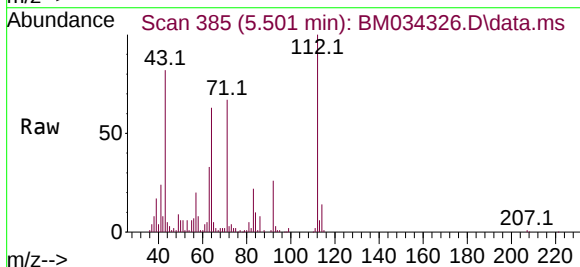
Instrument :
BNA_M
ClientSampleId :
EFF-WW

Tgt Ion:152 Resp: 187517
Ion Ratio Lower Upper
152 100
150 157.6 125.4 188.2
115 63.3 50.1 75.1



#5
2-Fluorophenol
Concen: 8.986 ng
RT: 5.501 min Scan# 385
Delta R.T. 0.000 min
Lab File: BM034326.D
Acq: 23 Mar 2022 00:52

Tgt Ion:112 Resp: 93929
Ion Ratio Lower Upper
112 100
64 62.8 47.9 71.9
63 33.2 27.1 40.7

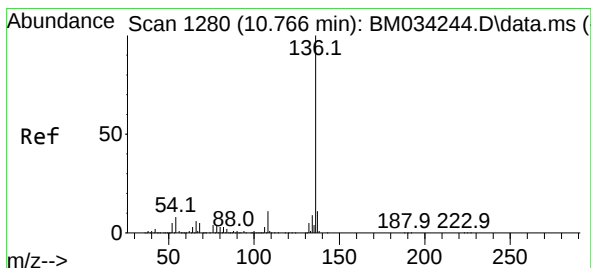
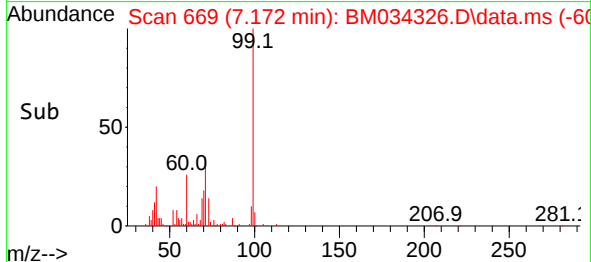
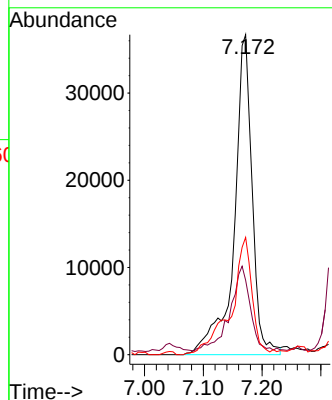
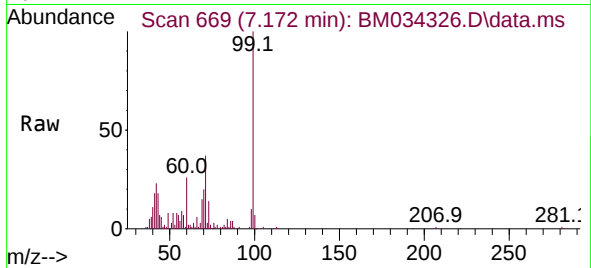




#7
Phenol-d6
Concen: 5.216 ng
RT: 7.172 min Scan# 60
Delta R.T. 0.065 min
Lab File: BM034326.D
Acq: 23 Mar 2022 00:52

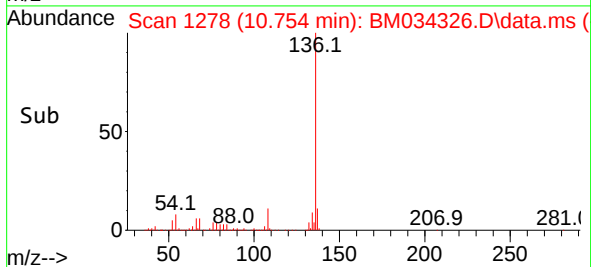
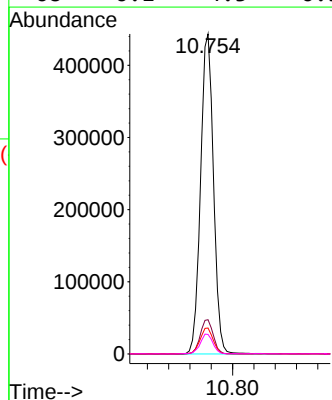
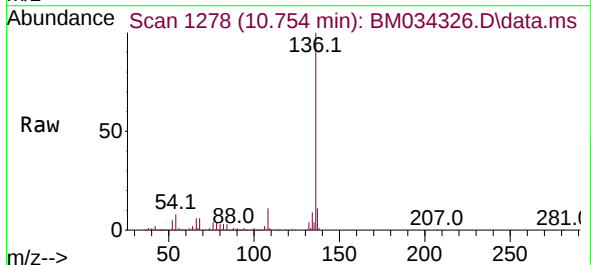
Instrument :
BNA_M
ClientSampleId :
EFF-WW

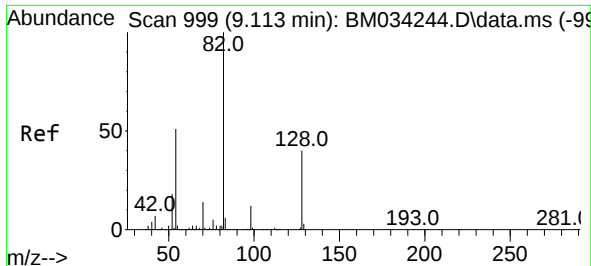
Tgt Ion: 99 Resp: 78059
Ion Ratio Lower Upper
99 100
42 23.3 15.6 23.4
71 36.7 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.754 min Scan# 1278
Delta R.T. -0.012 min
Lab File: BM034326.D
Acq: 23 Mar 2022 00:52

Tgt Ion: 136 Resp: 744939
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.1 6.2 9.4
68 6.1 4.3 6.5

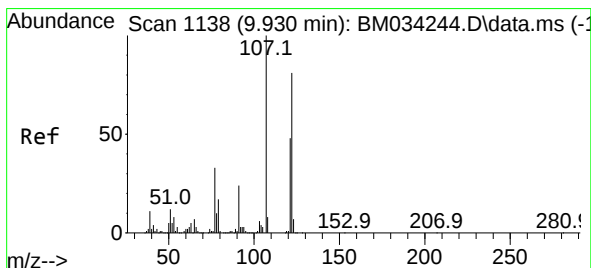
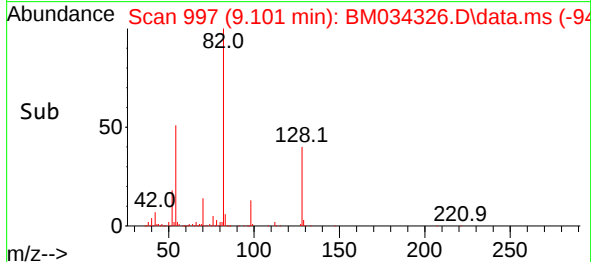
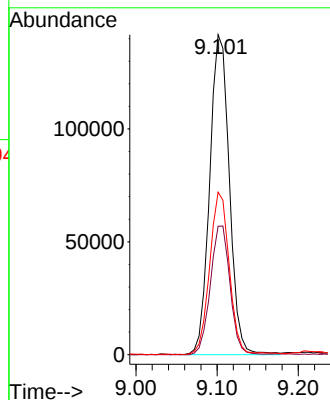
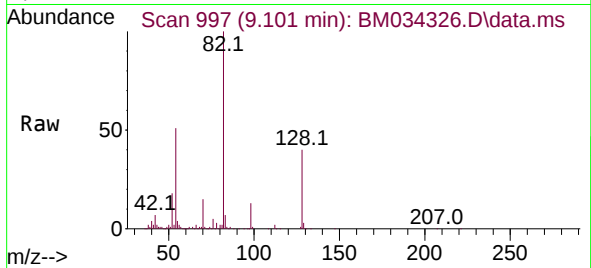




#23
Nitrobenzene-d5
Concen: 15.599 ng
RT: 9.101 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM034326.D
Acq: 23 Mar 2022 00:52

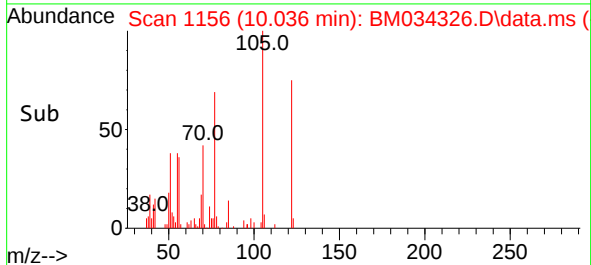
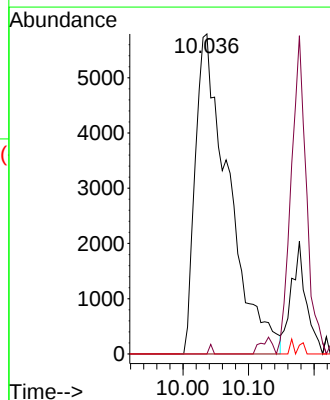
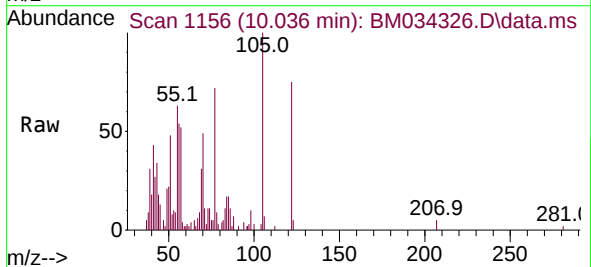
Instrument :
BNA_M
ClientSampleId :
EFF-WW

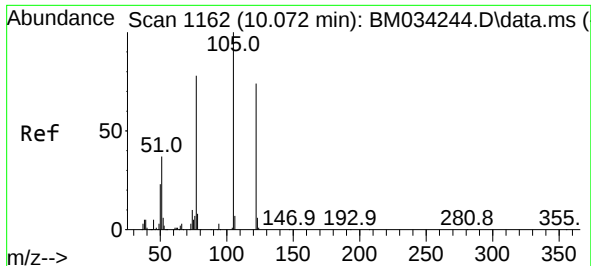
Tgt Ion: 82 Resp: 238681
Ion Ratio Lower Upper
82 100
128 40.2 31.9 47.9
54 50.8 40.6 61.0



#27
2,4-Dimethylphenol
Concen: 2.065 ng
RT: 10.036 min Scan# 1156
Delta R.T. 0.106 min
Lab File: BM034326.D
Acq: 23 Mar 2022 00:52

Tgt Ion:122 Resp: 20481
Ion Ratio Lower Upper
122 100
107 0.0 99.0 148.6#
121 0.0 47.7 71.5#

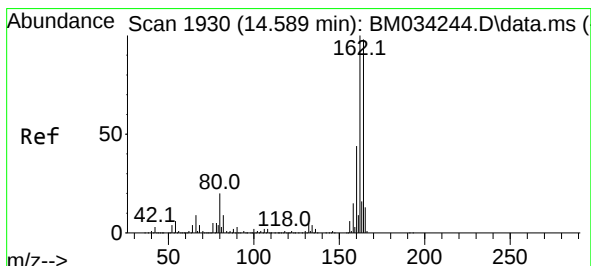
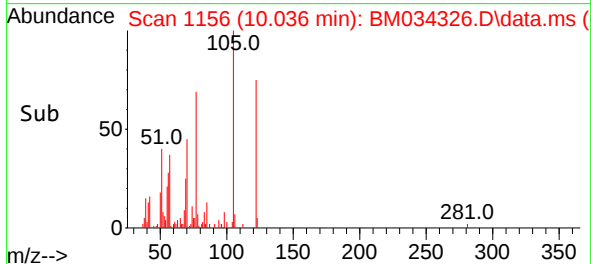
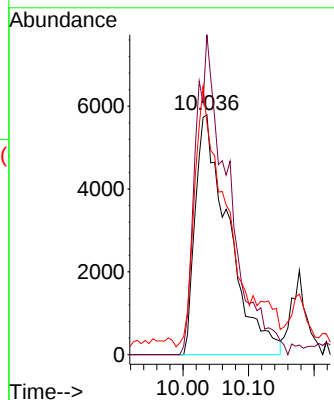
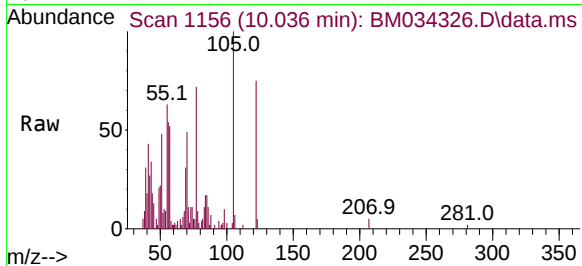




#32
Benzoic acid
Concen: 2.497 ng
RT: 10.036 min Scan# 1162
Delta R.T. -0.036 min
Lab File: BM034326.D
Acq: 23 Mar 2022 00:52

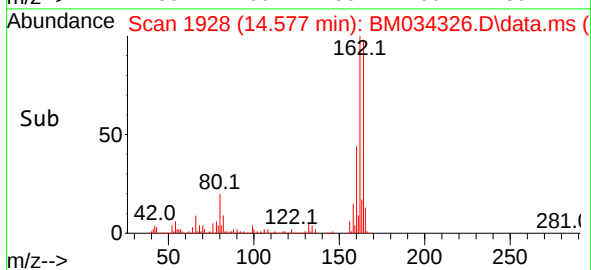
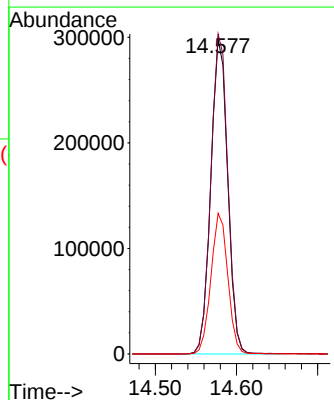
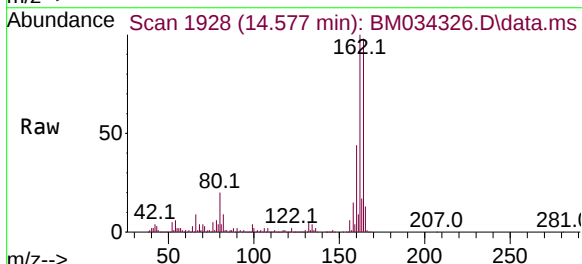
Instrument :
BNA_M
ClientSampleId :
EFF-WW

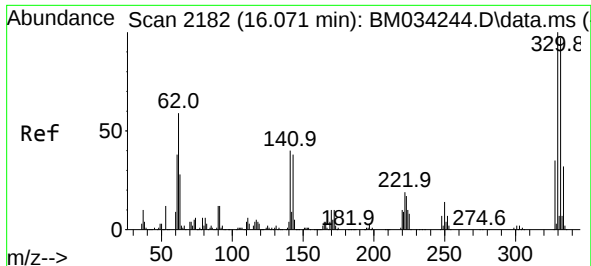
Tgt Ion:122 Resp: 20481
Ion Ratio Lower Upper
122 100
105 133.4 109.6 149.6
77 96.7 83.1 123.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1928
Delta R.T. -0.012 min
Lab File: BM034326.D
Acq: 23 Mar 2022 00:52

Tgt Ion:164 Resp: 430892
Ion Ratio Lower Upper
164 100
162 101.7 81.6 122.4
160 44.7 35.6 53.4

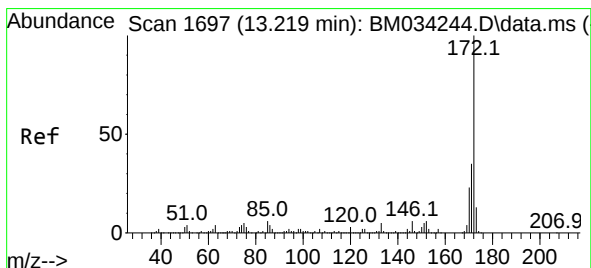
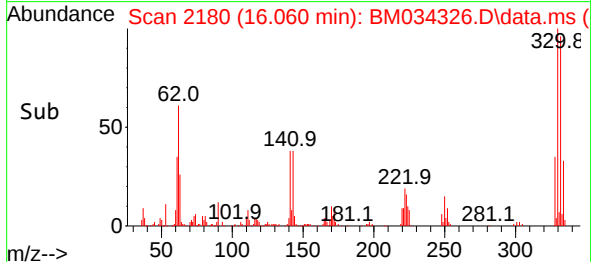
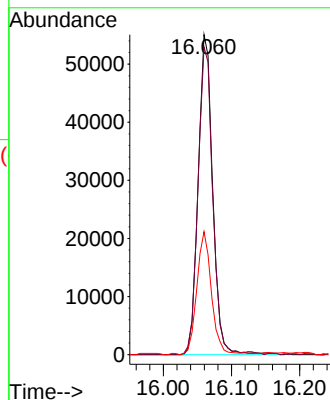
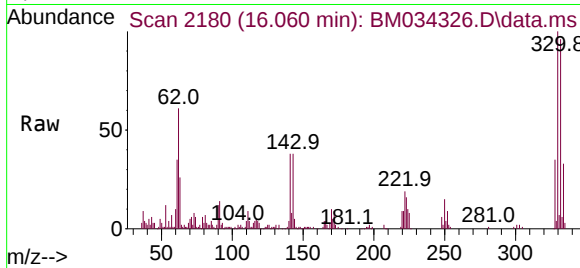




#42
2,4,6-Tribromophenol
Concen: 14.040 ng
RT: 16.060 min Scan# 2182
Delta R.T. -0.012 min
Lab File: BM034326.D
Acq: 23 Mar 2022 00:52

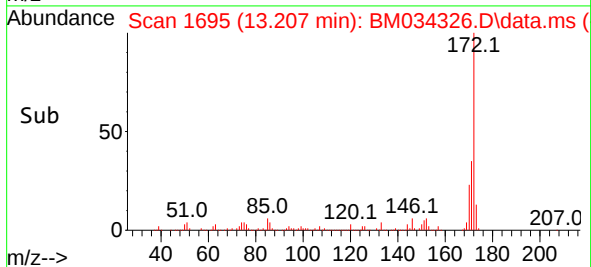
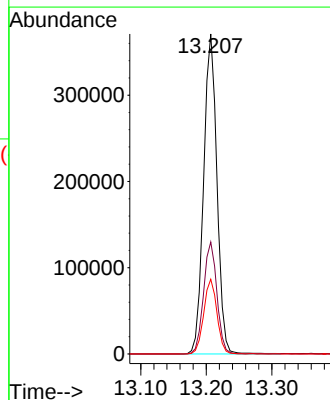
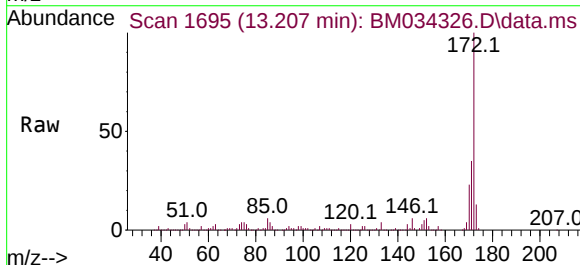
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ClientSampleId :
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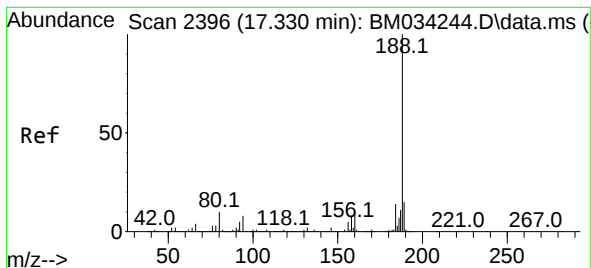
Tgt Ion:330 Resp: 81541
Ion Ratio Lower Upper
330 100
332 97.0 78.2 117.4
141 38.9 30.6 45.8



#45
2-Fluorobiphenyl
Concen: 16.674 ng
RT: 13.207 min Scan# 1695
Delta R.T. -0.012 min
Lab File: BM034326.D
Acq: 23 Mar 2022 00:52

Tgt Ion:172 Resp: 525771
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 23.3 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.318 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM034326.D

Acq: 23 Mar 2022 00:52

Instrument :

BNA_M

ClientSampleId :

EFF-WW

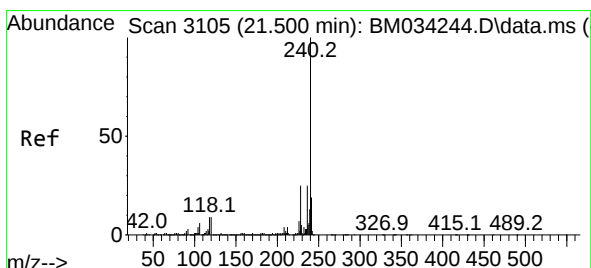
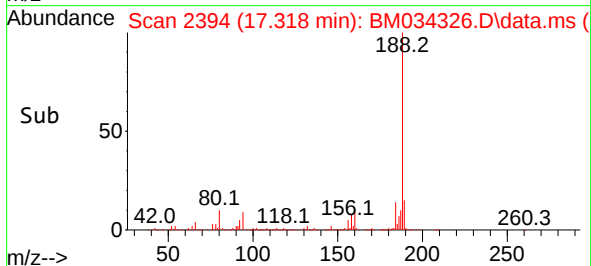
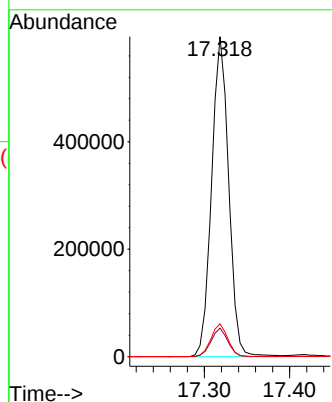
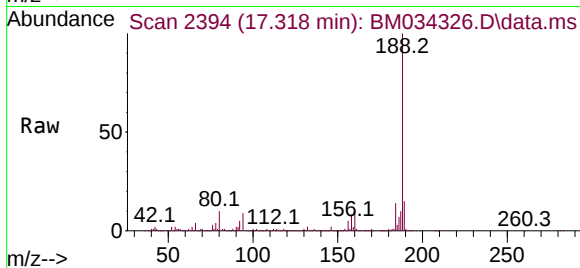
Tgt Ion:188 Resp: 828057

Ion Ratio Lower Upper

188 100

94 8.9 6.6 9.8

80 10.3 7.8 11.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.489 min Scan# 3103

Delta R.T. -0.012 min

Lab File: BM034326.D

Acq: 23 Mar 2022 00:52

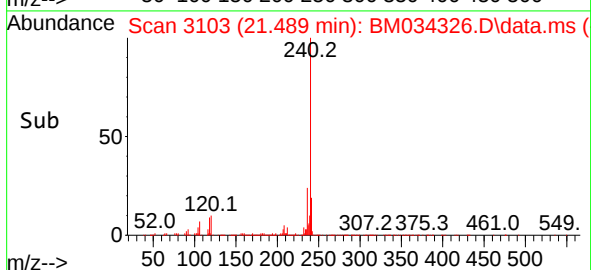
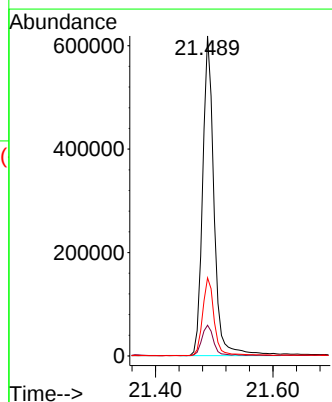
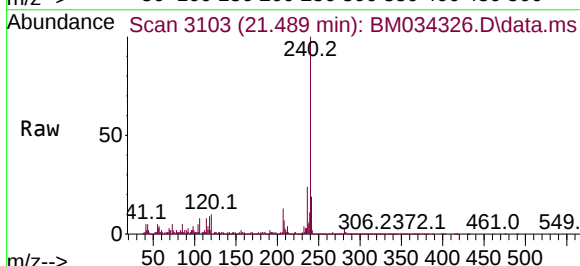
Tgt Ion:240 Resp: 828761

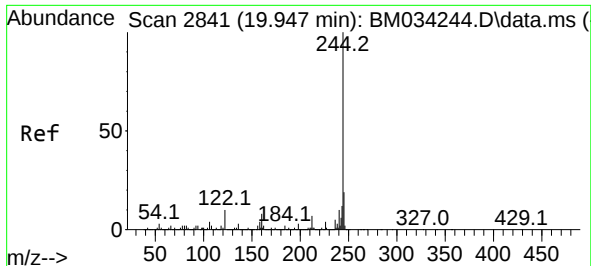
Ion Ratio Lower Upper

240 100

120 9.6 7.3 10.9

236 24.4 20.2 30.2

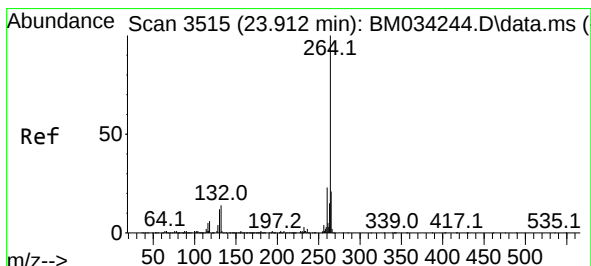
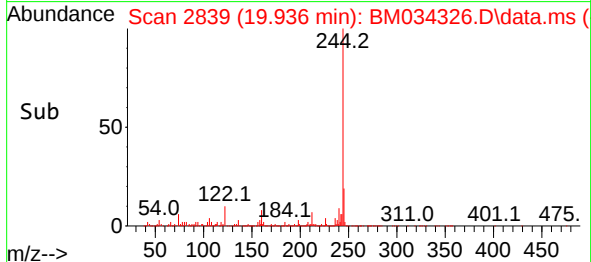
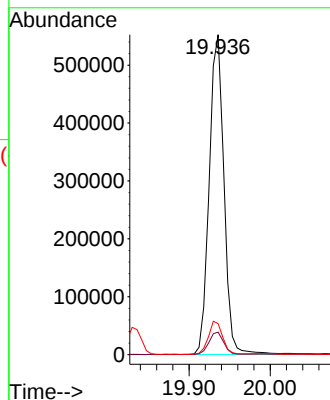
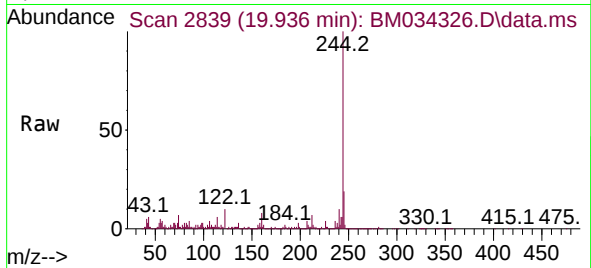




#79
 Terphenyl-d14
 Concen: 14.576 ng
 RT: 19.936 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM034326.D
 Acq: 23 Mar 2022 00:52

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW

Tgt Ion:244 Resp: 695190
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 9.7 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.900 min Scan# 3513
 Delta R.T. -0.012 min
 Lab File: BM034326.D
 Acq: 23 Mar 2022 00:52

Tgt Ion:264 Resp: 904510
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 28.0
 265 21.9 17.6 26.4

