

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052022\
 Data File : BM035186.D
 Acq On : 20 May 2022 21:01
 Operator : CG/JU
 Sample : N2880-02DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WWDL

Quant Time: May 23 04:21:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 04:53:59 2022
 Response via : Initial Calibration

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

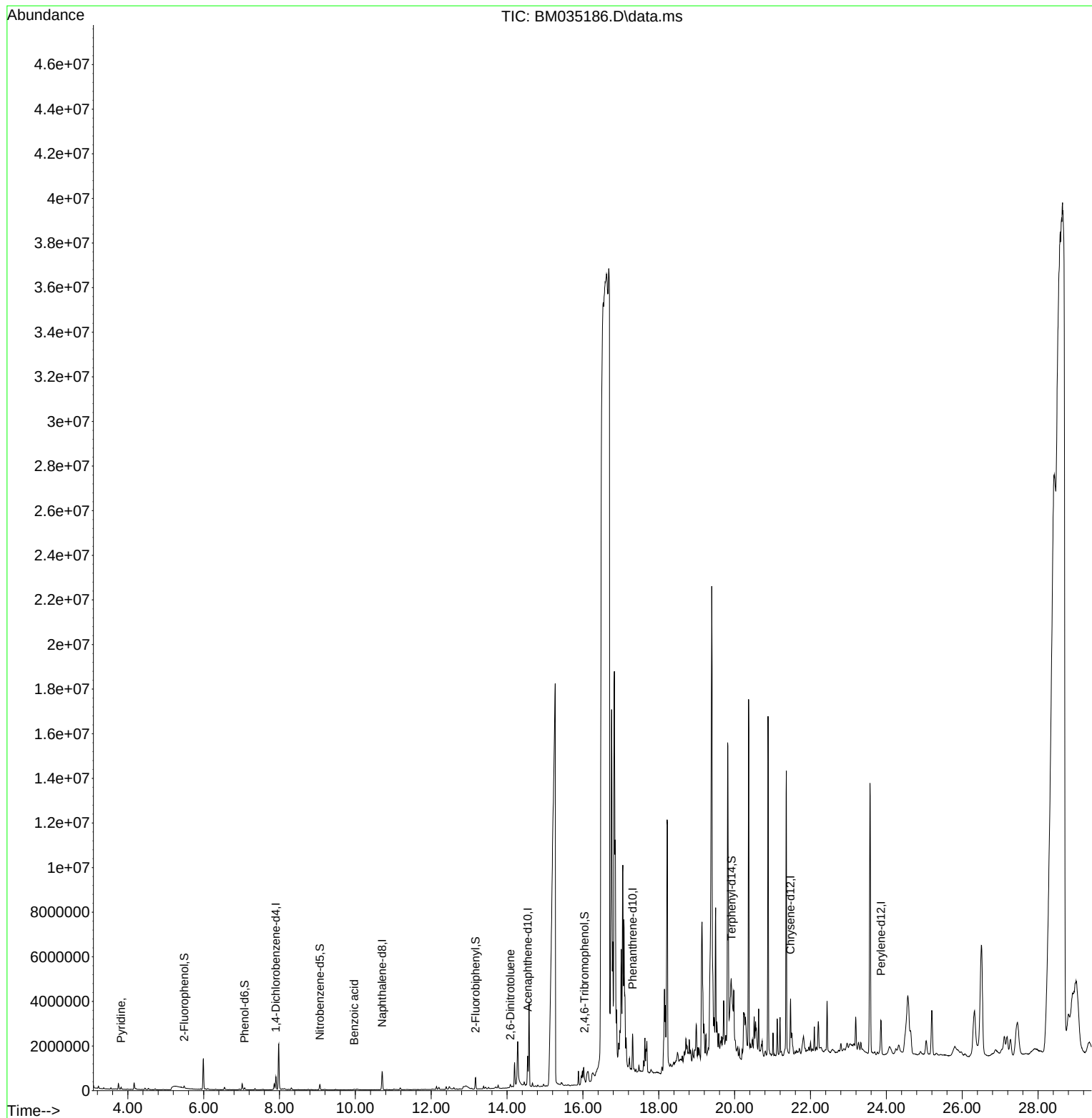
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	160899	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	675554	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	462128	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	1058927	20.000	ng	0.02
76) Chrysene-d12	21.474	240	1127460	20.000	ng	# 0.00
86) Perylene-d12	23.856	264	1159018	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	37949	4.161	ng	0.00
7) Phenol-d6	7.081	99	47499	4.034	ng	0.00
23) Nitrobenzene-d5	9.063	82	112903	9.025	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	38075	7.574	ng	0.00
45) 2-Fluorobiphenyl	13.168	172	267210	8.394	ng	0.00
79) Terphenyl-d14	19.915	244	192046	3.298	ng	0.00
Target Compounds						
						Qvalue
3) Pyridine	3.822	79	23855	2.320	ng	# 1
32) Benzoic acid	9.969	122	16846	2.480	ng	94
51) 2,6-Dinitrotoluene	14.086	165	15728	2.242	ng	# 24

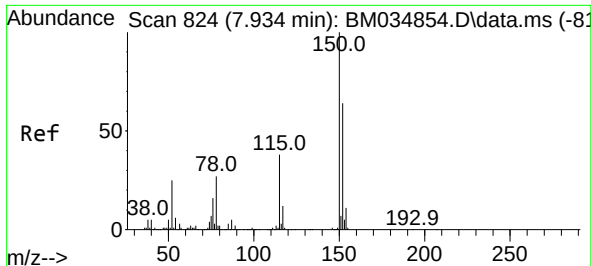
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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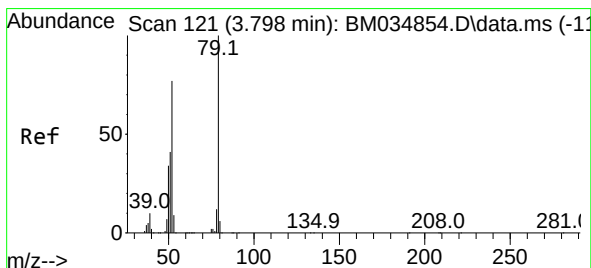
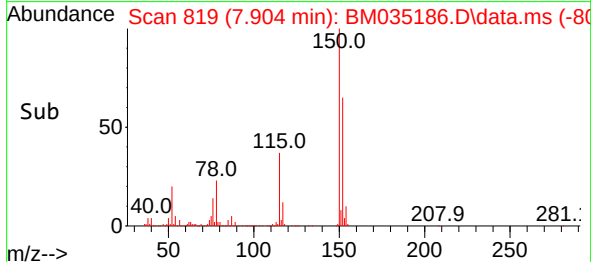
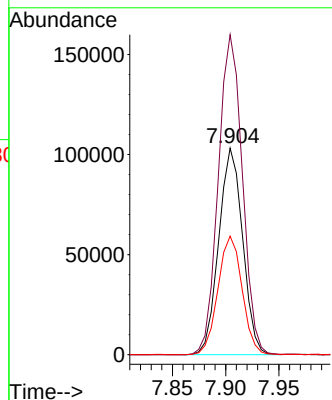
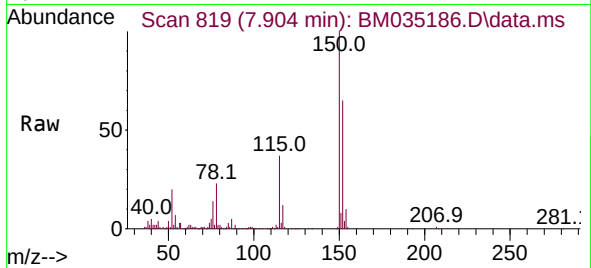




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM035186.D
Acq: 20 May 2022 21:01

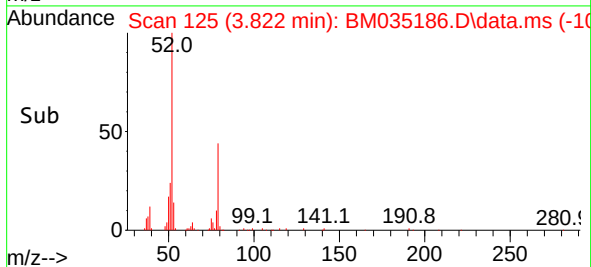
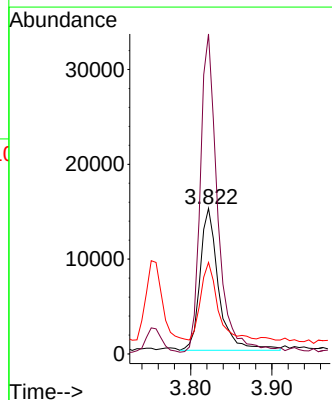
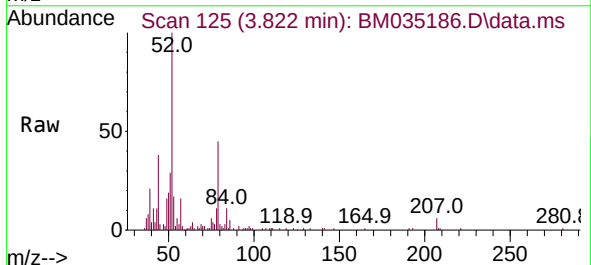
Instrument :
BNA_M
ClientSampleId :
EFF-WWDL

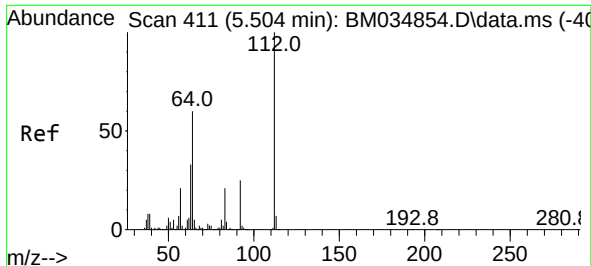
Tgt Ion:152 Resp: 160899
Ion Ratio Lower Upper
152 100
150 154.9 124.9 187.3
115 57.4 47.9 71.9



#3
Pyridine
Concen: 2.320 ng
RT: 3.822 min Scan# 125
Delta R.T. 0.041 min
Lab File: BM035186.D
Acq: 20 May 2022 21:01

Tgt Ion: 79 Resp: 23855
Ion Ratio Lower Upper
79 100
52 219.9 61.9 92.9#
51 62.9 33.5 50.3#

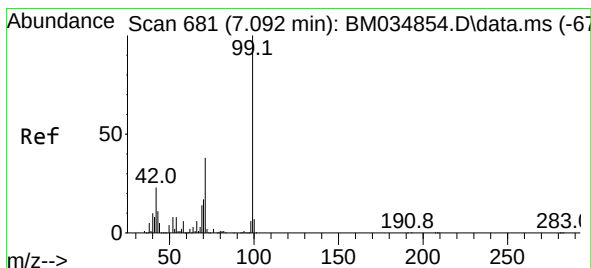
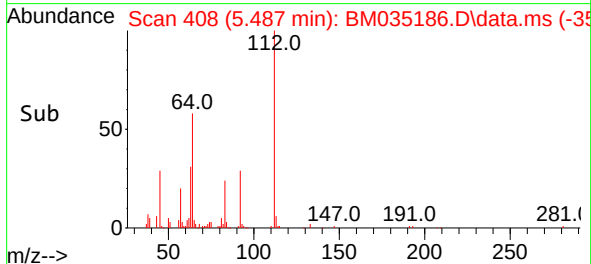
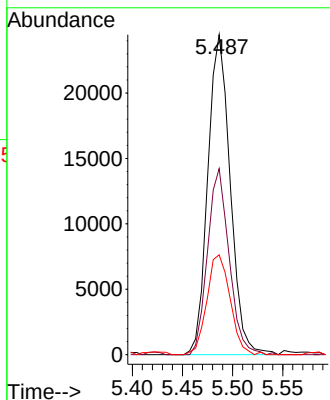
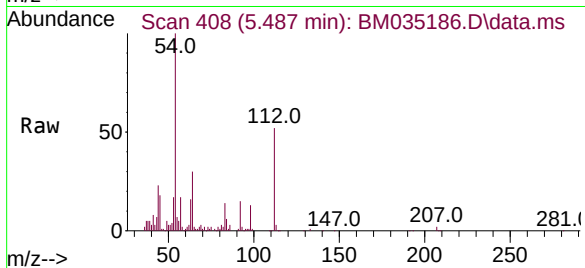




#5
2-Fluorophenol
Concen: 4.161 ng
RT: 5.487 min Scan# 411
Delta R.T. 0.006 min
Lab File: BM035186.D
Acq: 20 May 2022 21:01

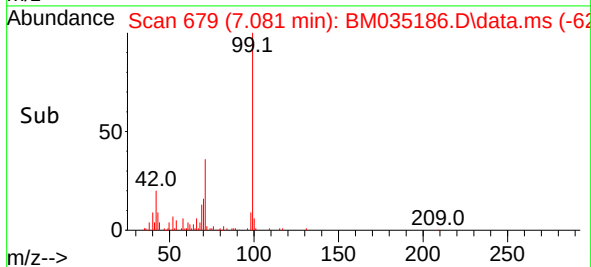
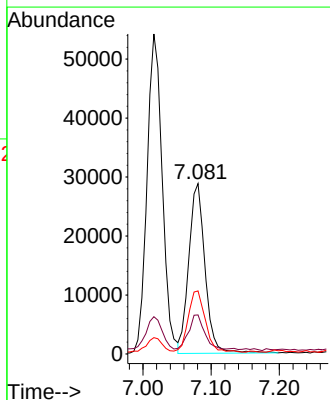
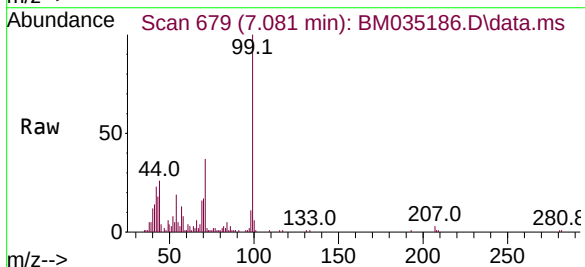
Instrument :
BNA_M
ClientSampleId :
EFF-WWDL

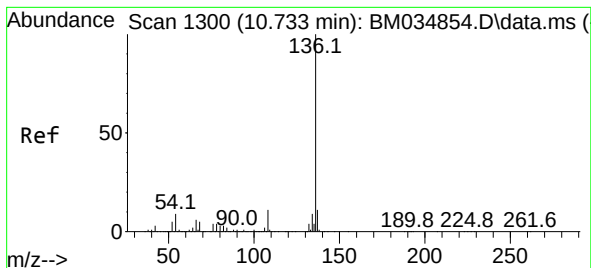
Tgt Ion: 112 Resp: 37949
Ion Ratio Lower Upper
112 100
64 58.2 47.8 71.6
63 31.2 26.6 40.0



#7
Phenol-d6
Concen: 4.034 ng
RT: 7.081 min Scan# 679
Delta R.T. 0.006 min
Lab File: BM035186.D
Acq: 20 May 2022 21:01

Tgt Ion: 99 Resp: 47499
Ion Ratio Lower Upper
99 100
42 22.9 18.8 28.2
71 37.0 30.2 45.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.704 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM035186.D

Acq: 20 May 2022 21:01

Instrument :

BNA_M

ClientSampleId :

EFF-WWDL

Tgt Ion:136 Resp: 675554

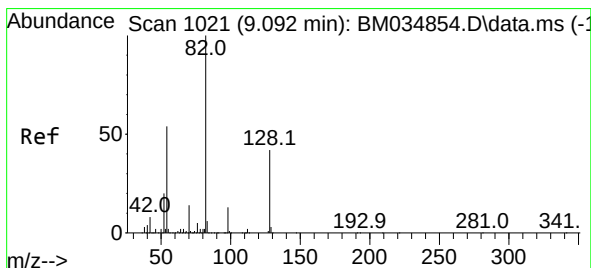
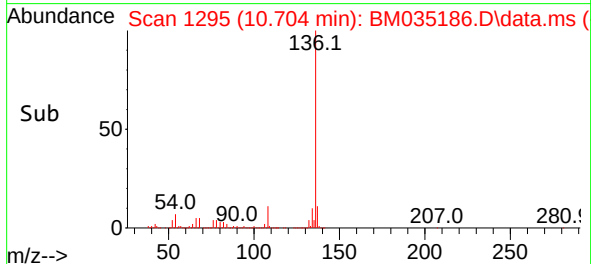
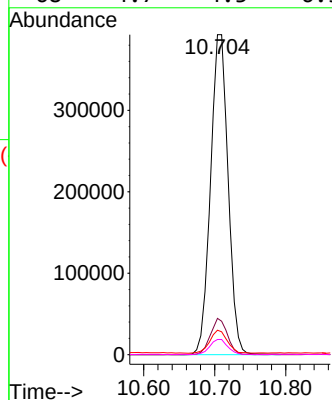
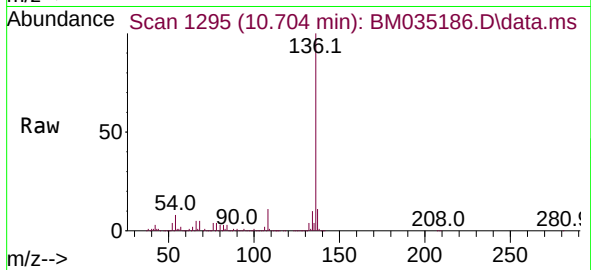
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 7.7 7.0 10.4

68 4.7 4.3 6.5



#23

Nitrobenzene-d5

Concen: 9.025 ng

RT: 9.063 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BM035186.D

Acq: 20 May 2022 21:01

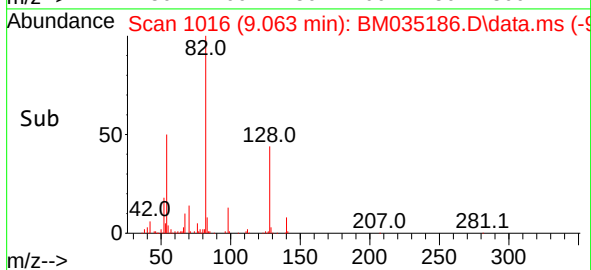
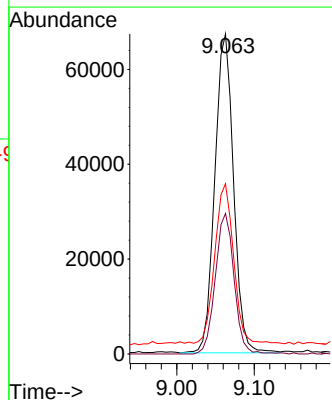
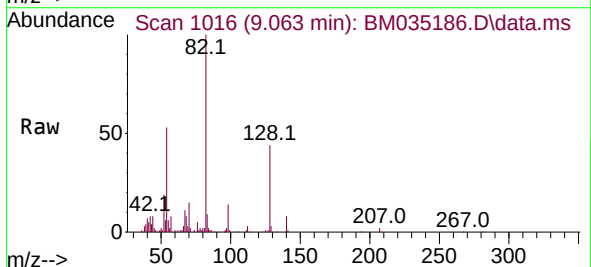
Tgt Ion: 82 Resp: 112903

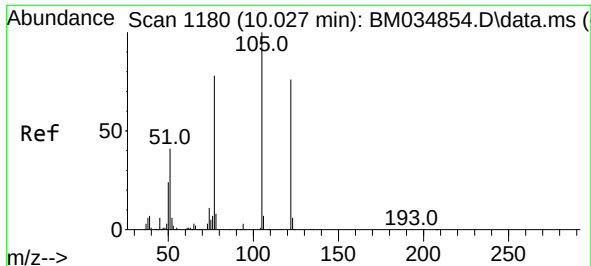
Ion Ratio Lower Upper

82 100

128 43.9 33.7 50.5

54 53.2 43.2 64.8

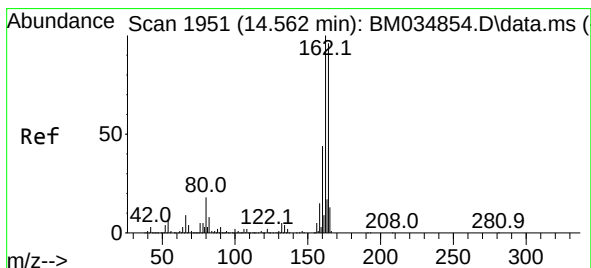
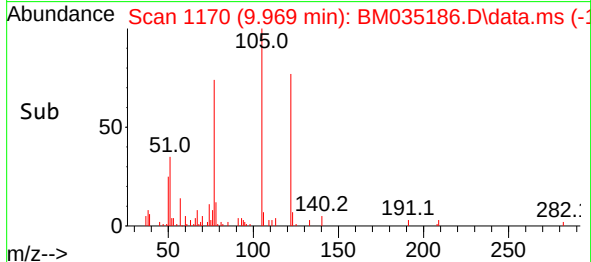
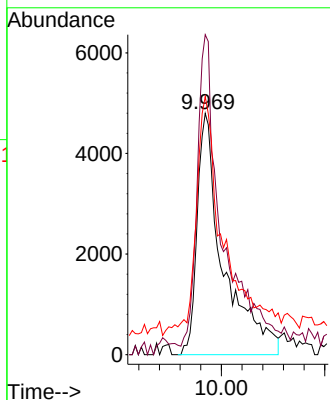
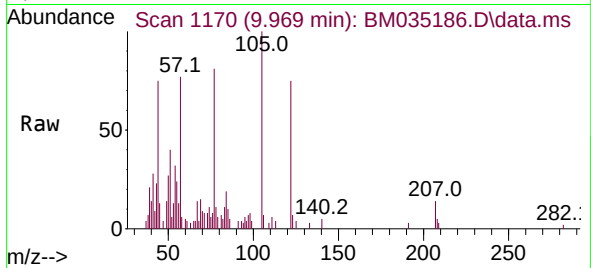




#32
Benzoic acid
Concen: 2.480 ng
RT: 9.969 min Scan# 1180
Delta R.T. -0.053 min
Lab File: BM035186.D
Acq: 20 May 2022 21:01

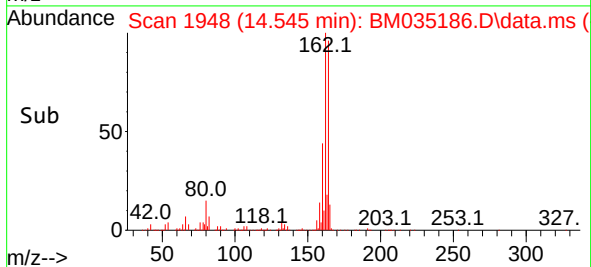
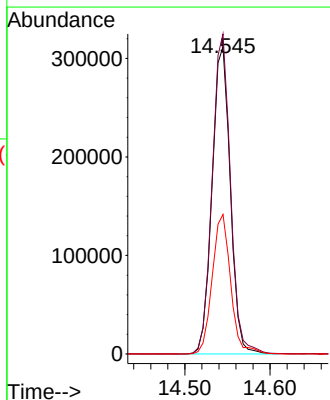
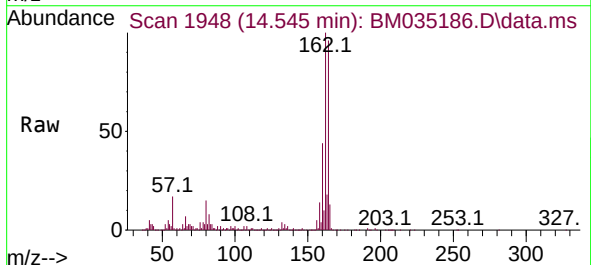
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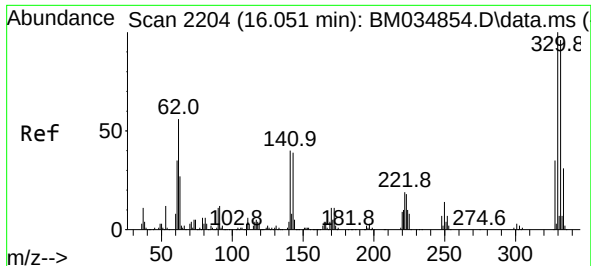
Tgt Ion:122 Resp: 16846
Ion Ratio Lower Upper
122 100
105 132.7 105.7 145.7
77 107.0 80.0 120.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BM035186.D
Acq: 20 May 2022 21:01

Tgt Ion:164 Resp: 462128
Ion Ratio Lower Upper
164 100
162 104.1 83.0 124.6
160 45.4 37.0 55.4

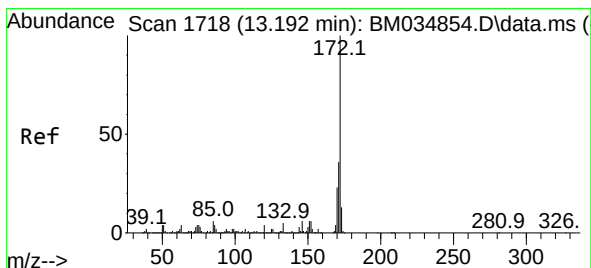
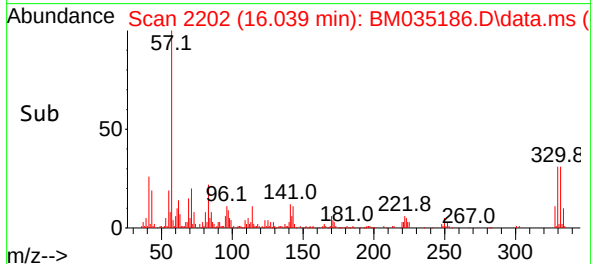
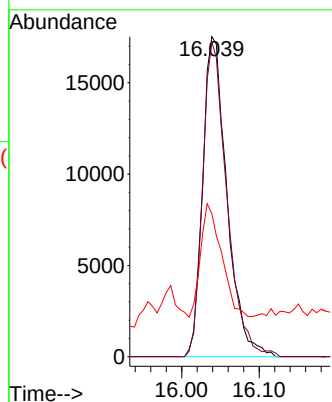
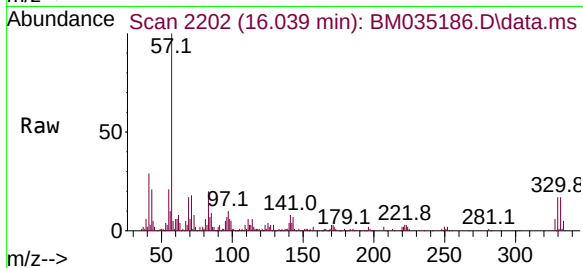




#42
2,4,6-Tribromophenol
Concen: 7.574 ng
RT: 16.039 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM035186.D
Acq: 20 May 2022 21:01

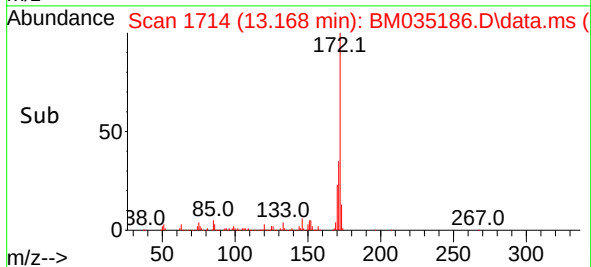
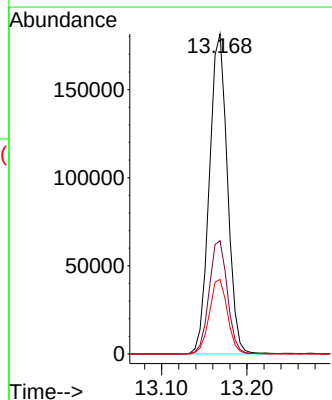
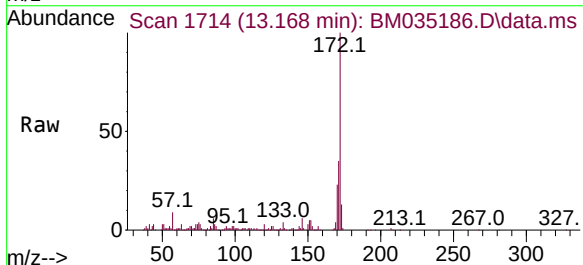
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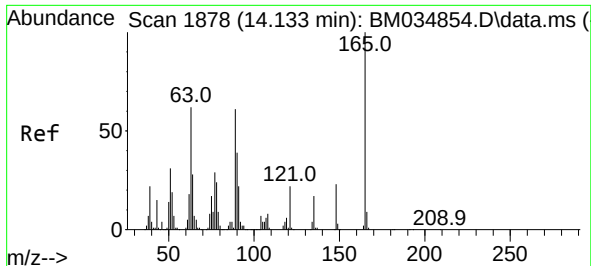
Tgt Ion:330 Resp: 38075
Ion Ratio Lower Upper
330 100
332 98.4 77.0 115.4
141 32.3 35.3 52.9#



#45
2-Fluorobiphenyl
Concen: 8.394 ng
RT: 13.168 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BM035186.D
Acq: 20 May 2022 21:01

Tgt Ion:172 Resp: 267210
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.3 18.7 28.1

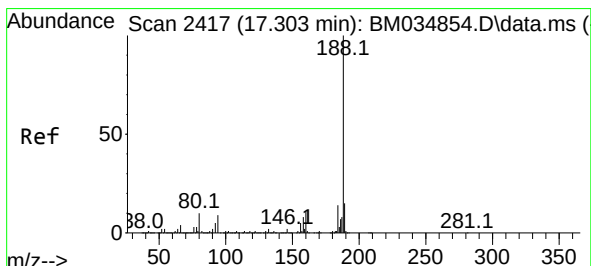
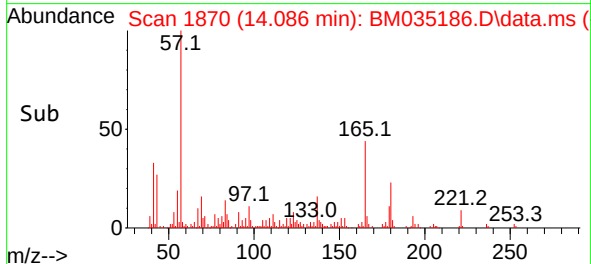
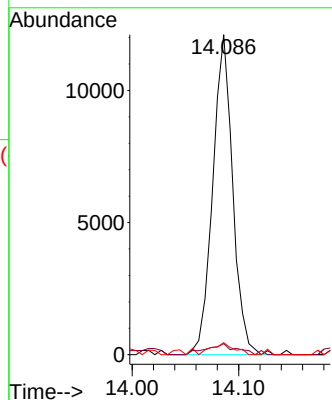
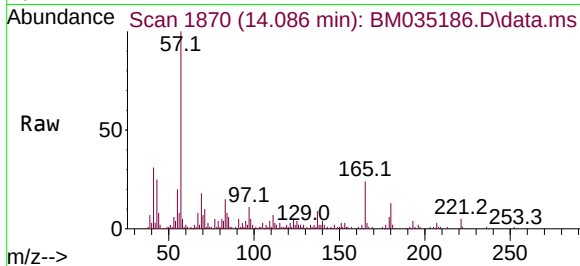




#51
2,6-Dinitrotoluene
Concen: 2.242 ng
RT: 14.086 min Scan# 11
Delta R.T. -0.030 min
Lab File: BM035186.D
Acq: 20 May 2022 21:01

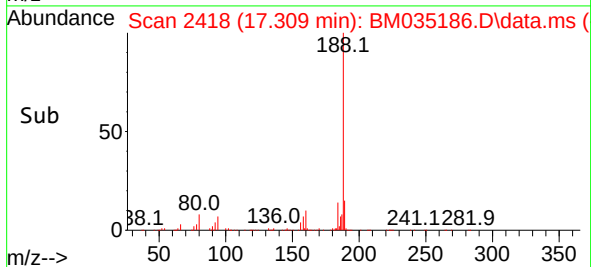
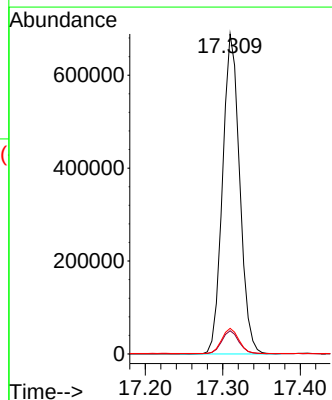
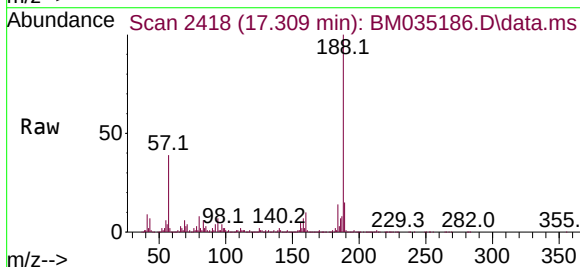
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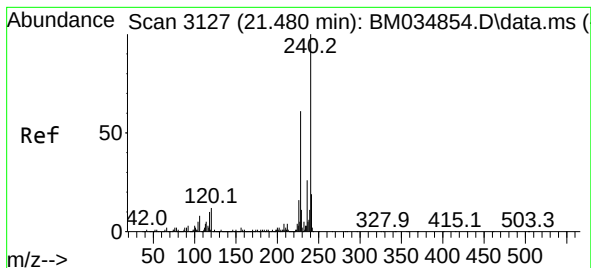
Tgt Ion:165 Resp: 15728
Ion Ratio Lower Upper
165 100
63 3.5 50.2 75.2#
89 3.7 48.4 72.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.309 min Scan# 2418
Delta R.T. 0.023 min
Lab File: BM035186.D
Acq: 20 May 2022 21:01

Tgt Ion:188 Resp: 1058927
Ion Ratio Lower Upper
188 100
94 7.2 7.0 10.4
80 8.0 7.6 11.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.474 min Scan# 3127

Delta R.T. -0.000 min

Lab File: BM035186.D

Acq: 20 May 2022 21:01

Instrument :

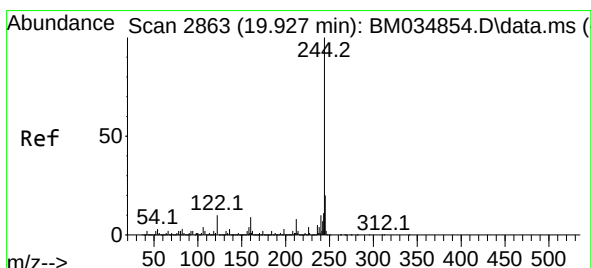
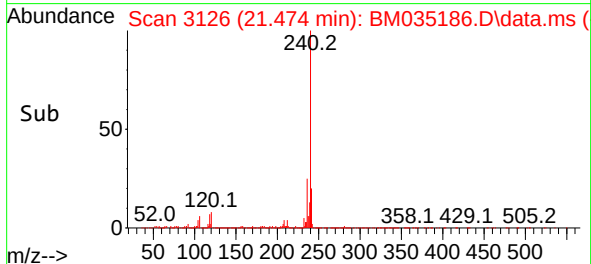
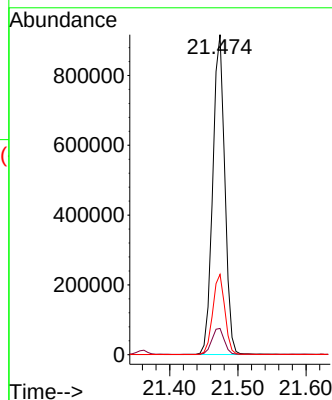
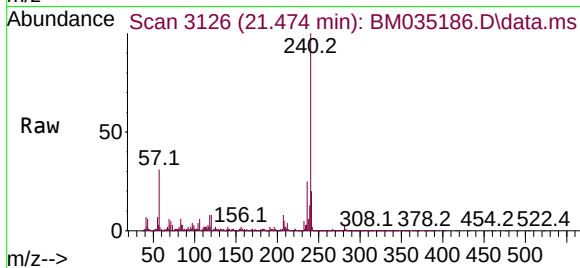
BNA_M

ClientSampleId :

EFF-WWDL

Tgt Ion:240 Resp: 1127460

Ion	Ratio	Lower	Upper
240	100		
120	8.2	9.4	14.0#
236	25.1	20.6	30.8



#79

Terphenyl-d14

Concen: 3.298 ng

RT: 19.915 min Scan# 2861

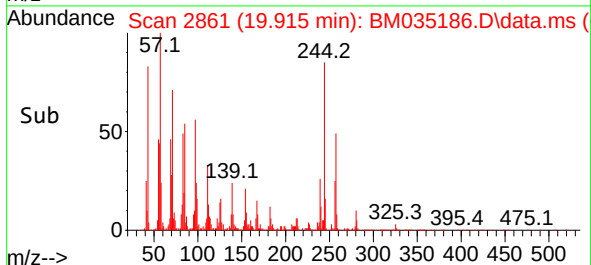
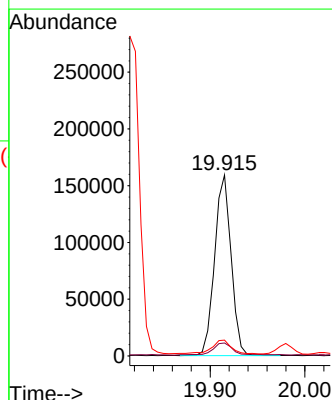
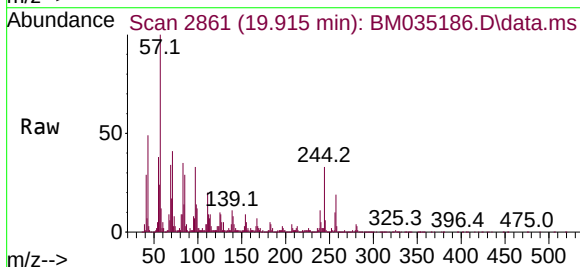
Delta R.T. -0.000 min

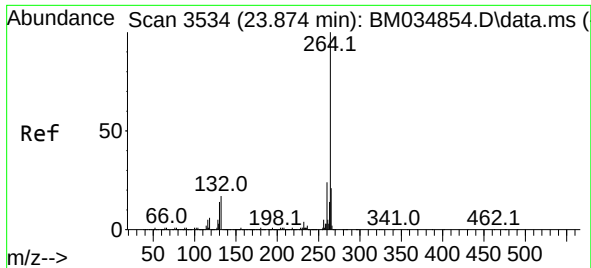
Lab File: BM035186.D

Acq: 20 May 2022 21:01

Tgt Ion:244 Resp: 192046

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.4
122	8.7	8.3	12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.856 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM035186.D
Acq: 20 May 2022 21:01

Instrument :
BNA_M
ClientSampleId :
EFF-WWDL

Tgt Ion:264 Resp: 1159018

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	22.0	17.5	26.3

