

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011422\
 Data File : BM033734.D
 Acq On : 14 Jan 2022 18:48
 Operator : CG/JU
 Sample : N1157-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW

Quant Time: Jan 17 00:26:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 13 07:49:01 2022
 Response via : Initial Calibration

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

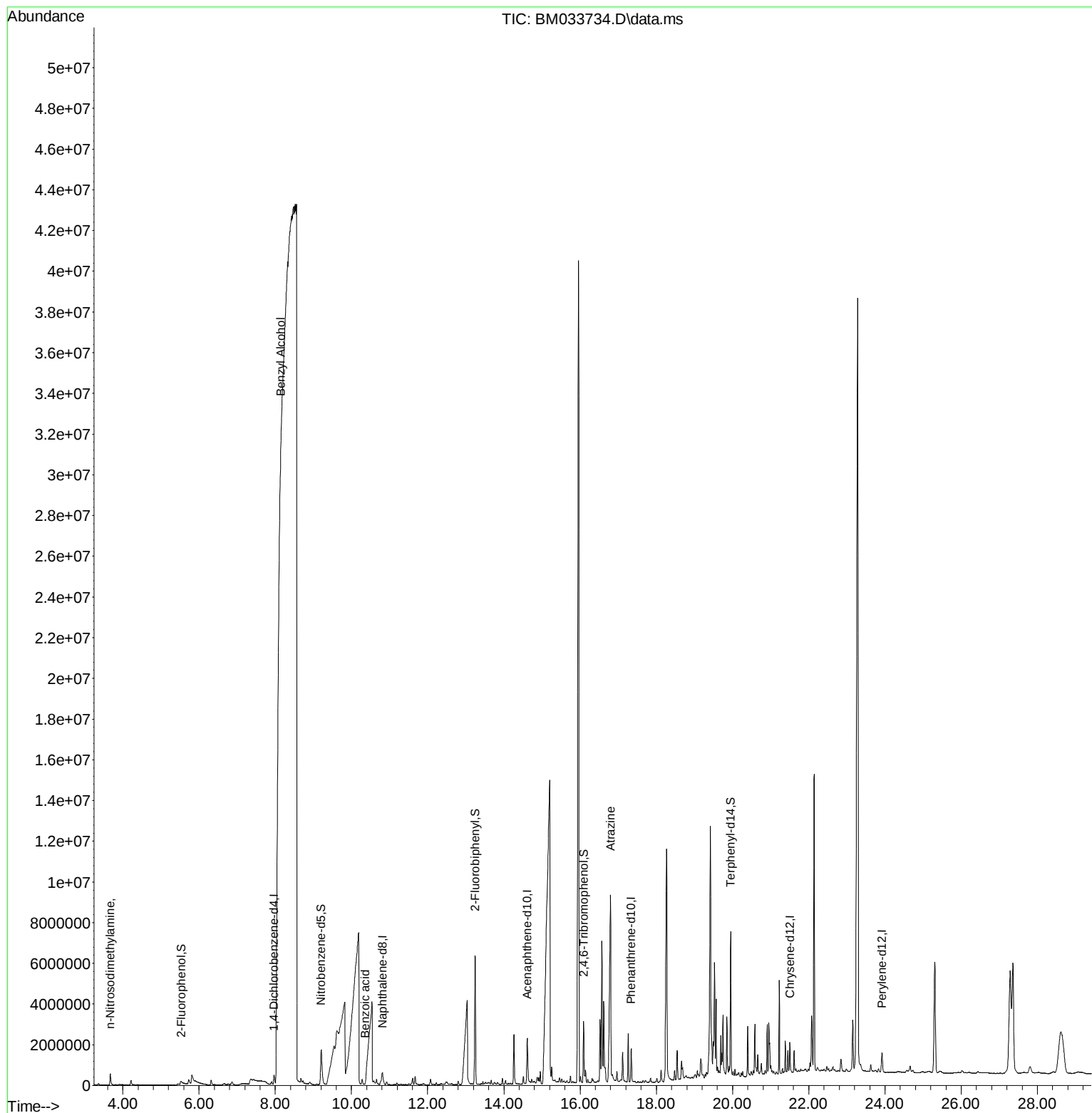
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	172643	20.000	ng	0.00
21) Naphthalene-d8	10.813	136	705645	20.000	ng	0.02
39) Acenaphthene-d10	14.607	164	469475	20.000	ng	0.00
64) Phenanthrene-d10	17.342	188	886939	20.000	ng	0.00
76) Chrysene-d12	21.500	240	617263	20.000	ng	0.00
86) Perylene-d12	23.918	264	691540	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.537	112	206889	18.900	ng	0.02
7) Phenol-d6	7.296	99	17157	1.163	ng	0.17
23) Nitrobenzene-d5	9.201	82	1150518	75.298	ng	0.06
42) 2,4,6-Tribromophenol	16.089	330	515571	105.143	ng	0.00
45) 2-Fluorobiphenyl	13.242	172	2764495	77.126	ng	0.00
79) Terphenyl-d14	19.954	244	3040490	88.663	ng	0.00
Target Compounds						
4) n-Nitrosodimethylamine	3.672	42	28891	4.552	ng	# 6
9) Benzaldehyde	7.096	77	2250	Below Cal		# 80
15) Benzyl Alcohol	8.148	79	170426	14.151	ng	# 44
32) Benzoic acid	10.360	122	19032	2.646	ng	95
69) Atrazine	16.795	200	22251	2.164	ng	# 51

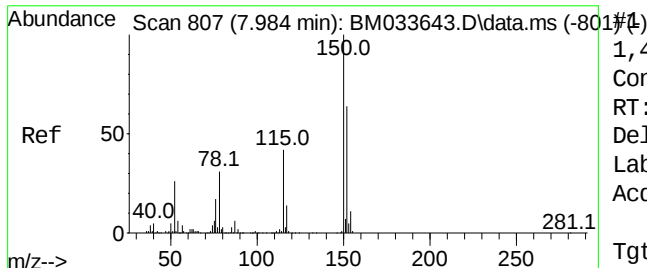
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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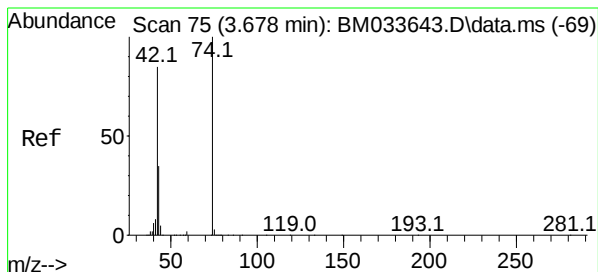
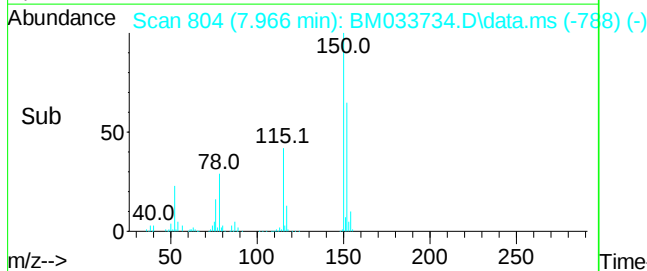
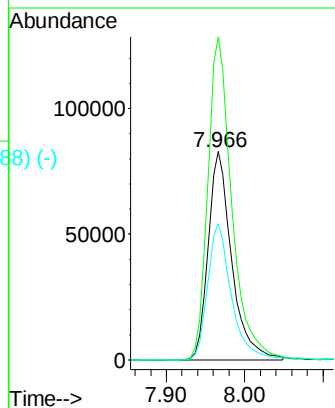
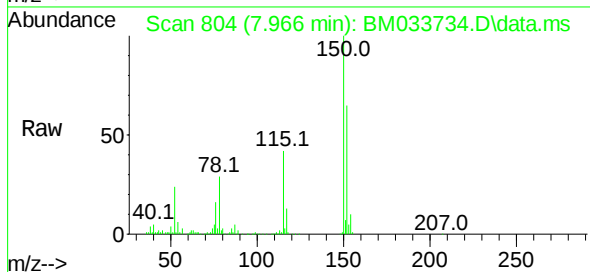




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.966 min Scan# 807
 Delta R.T. -0.006 min
 Lab File: BM033734.D
 Acq: 14 Jan 2022 18:48

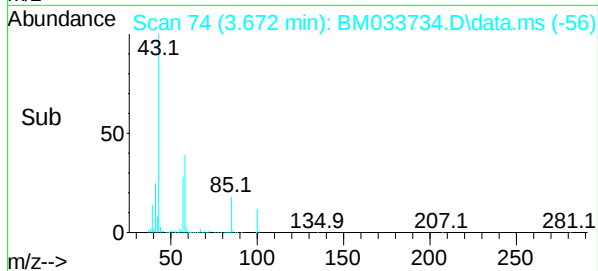
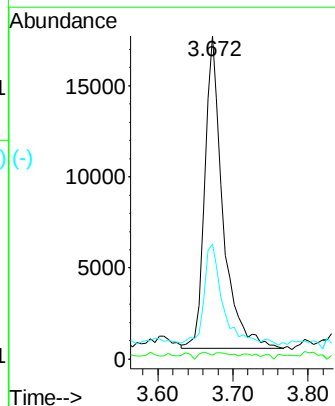
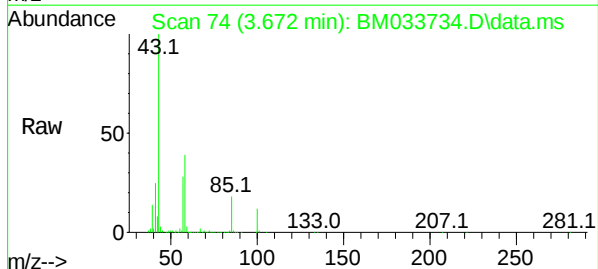
Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW

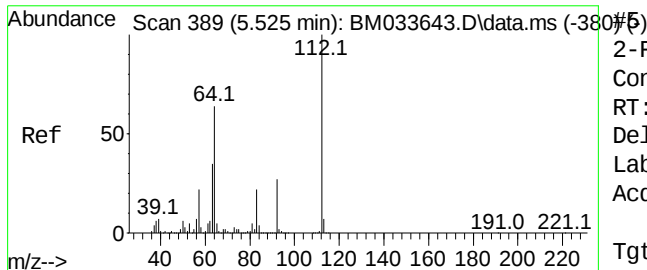
Tgt Ion:152 Resp: 172643
 Ion Ratio Lower Upper
 152 100
 150 155.0 128.9 193.3
 115 65.5 53.0 79.6



n-Nitrosodimethylamine
 Concen: 4.552 ng
 RT: 3.672 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: BM033734.D
 Acq: 14 Jan 2022 18:48

Tgt Ion: 42 Resp: 28891
 Ion Ratio Lower Upper
 42 100
 74 1.1 72.5 108.7#
 44 35.7 5.4 8.2#





2-Fluorophenol

Concen: 18.900 ng

RT: 5.537 min Scan#

Delta R.T. 0.024 min

Lab File: BM033734.D

Acq: 14 Jan 2022 18:48

Instrument :

BNA_M

ClientSampleId :

EFF-WW

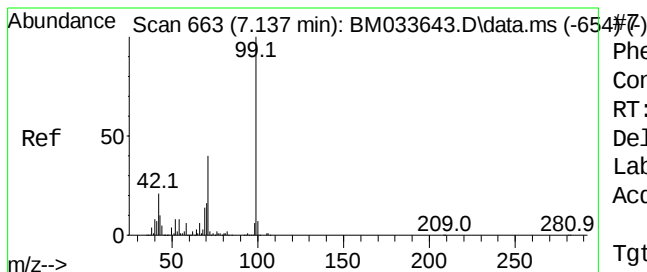
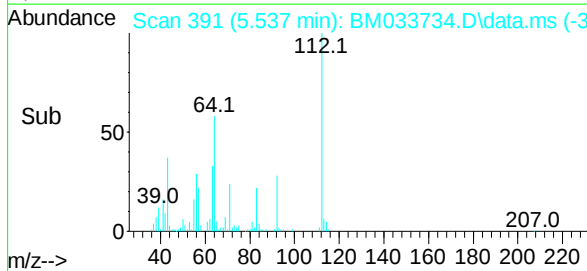
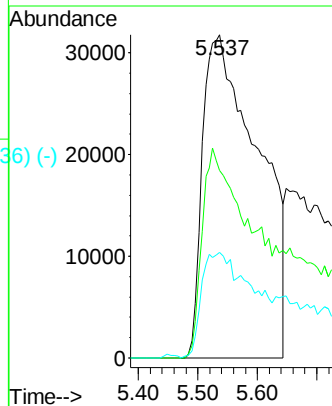
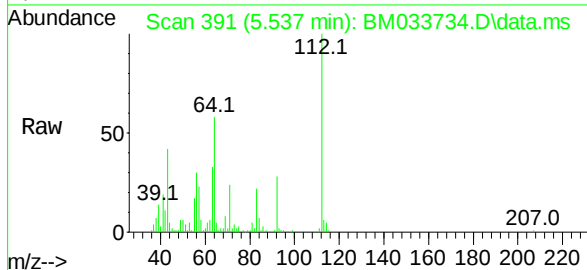
Tgt Ion:112 Resp: 206889

Ion Ratio Lower Upper

112 100

64 58.0 55.5 83.3

63 32.7 31.3 46.9



Phenol-d6

Concen: 1.163 ng

RT: 7.296 min Scan# 690

Delta R.T. 0.171 min

Lab File: BM033734.D

Acq: 14 Jan 2022 18:48

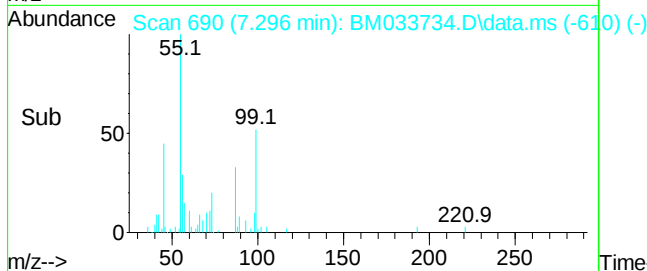
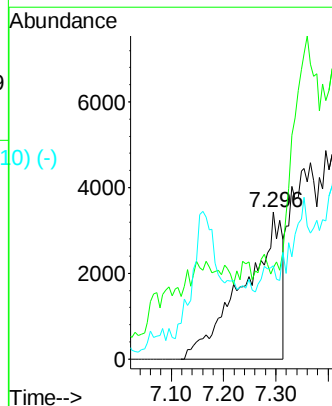
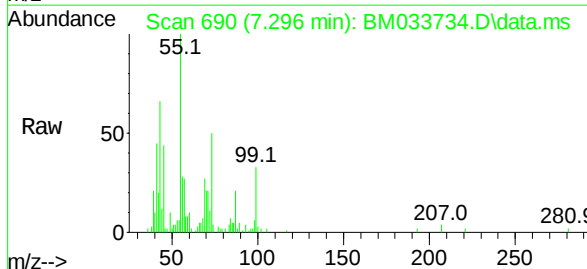
Tgt Ion: 99 Resp: 17157

Ion Ratio Lower Upper

99 100

42 62.1 20.3 30.5#

71 63.3 34.5 51.7#



Abundance Scan 659 (7.113 min): BM033643.D\data.ms (-650) #9

Benzaldehyde

Concen: Below Cal

RT: 7.096 min Scan#

Delta R.T. 0.000 min

Lab File: BM033734.D

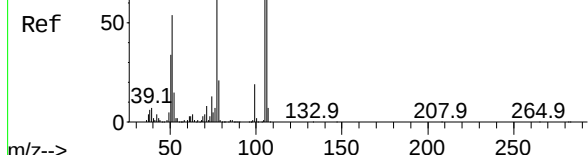
Acq: 14 Jan 2022 18:48

Instrument :

BNA_M

ClientSampleId :

EFF-WW



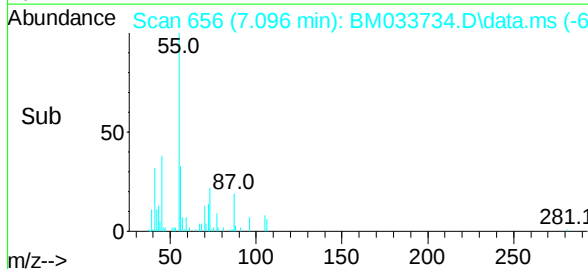
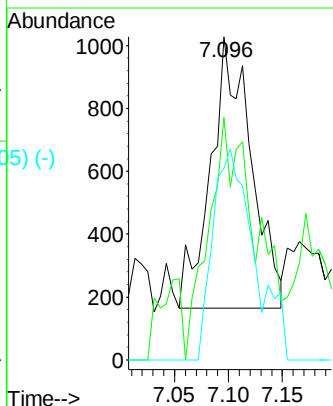
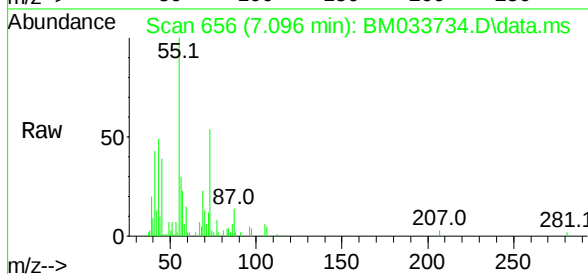
Tgt Ion: 77 Resp: 2250

Ion Ratio Lower Upper

77 100

105 75.1 67.1 107.1

106 59.4 64.3 104.3#



Abundance Scan 848 (8.225 min): BM033643.D\data.ms (-838) #15

Benzyl Alcohol

Concen: 14.151 ng

RT: 8.148 min Scan# 835

Delta R.T. -0.059 min

Lab File: BM033734.D

Acq: 14 Jan 2022 18:48

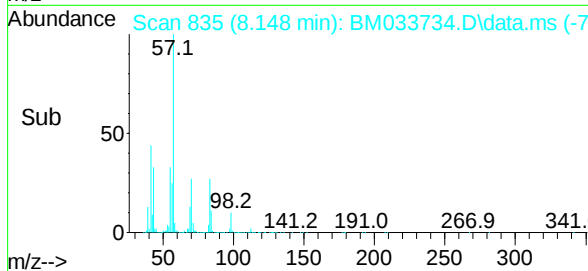
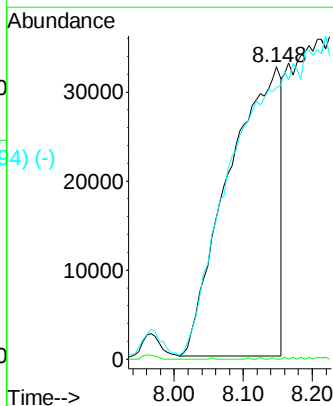
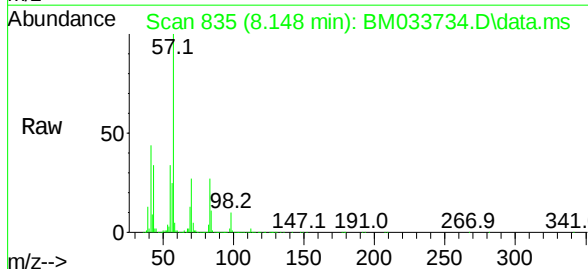
Tgt Ion: 79 Resp: 170426

Ion Ratio Lower Upper

79 100

108 0.0 51.1 76.7#

77 92.8 53.8 80.8#



Abundance Scan 1287 (10.807 min): BM033643.D\data.ms (-1271) (-)

Naphthalene-d8

Concen: 20.000 ng

RT: 10.813 min Scan# 1287

Delta R.T. 0.024 min

Lab File: BM033734.D

Acq: 14 Jan 2022 18:48

Instrument :

BNA_M

ClientSampleId :

EFF-WW

Tgt Ion:136 Resp: 705645

Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 8.4 8.3 12.5

68 5.5 5.0 7.6

Abundance Scan 1288 (10.813 min): BM033734.D\data.ms

Ref 50

136.1

54.1 88.0 189.8 224.8 261.8

m/z-->

Abundance Scan 1288 (10.813 min): BM033734.D\data.ms

Raw 50

136.2

54.1 104.1 207.0

m/z-->

Abundance Scan 1288 (10.813 min): BM033734.D\data.ms (-1233) (-)

Sub 50

136.2

66.1 100.1

m/z-->

Abundance

10.813

250000

200000

150000

100000

50000

0

Time-->

10.70 10.80 10.90

Abundance Scan 1006 (9.154 min): BM033643.D\data.ms (-9928)

Nitrobenzene-d5

Concen: 75.298 ng

RT: 9.201 min Scan# 1014

Delta R.T. 0.065 min

Lab File: BM033734.D

Acq: 14 Jan 2022 18:48

Tgt Ion: 82 Resp: 1150518

Ion Ratio Lower Upper

82 100

128 42.4 28.1 42.1#

54 54.2 46.1 69.1

Abundance Scan 1014 (9.201 min): BM033734.D\data.ms

Ref 50

82.0

42.1 128.1 220.9

m/z-->

Abundance Scan 1014 (9.201 min): BM033734.D\data.ms

Raw 50

82.1

43.1 128.1 207.0 281.1

m/z-->

Abundance Scan 1014 (9.201 min): BM033734.D\data.ms (-952) (-)

Sub 50

82.0

43.1 128.1 206.9 281.0

m/z-->

Abundance

9.201

400000

300000

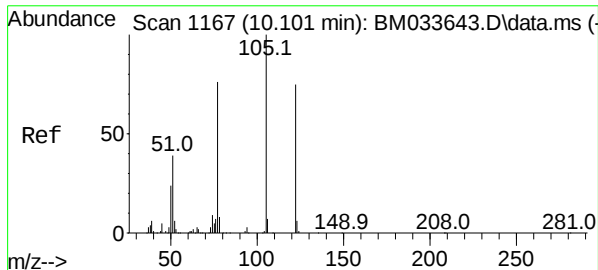
200000

100000

0

Time-->

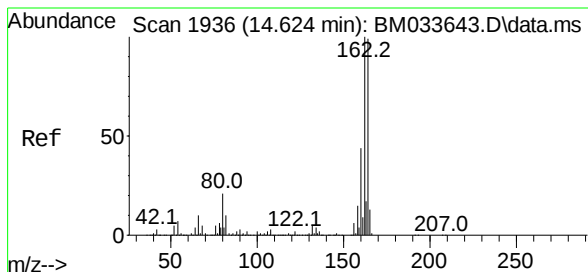
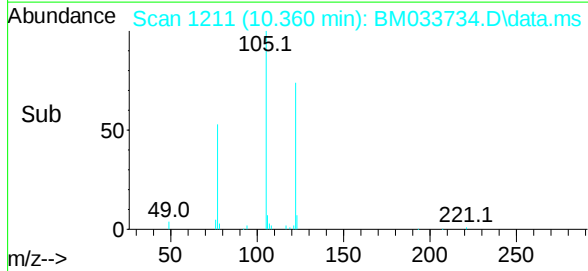
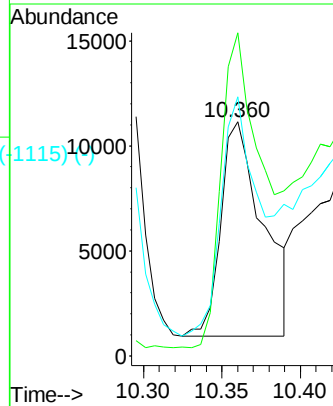
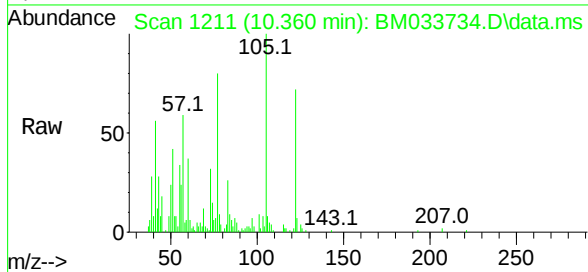
9.10 9.20 9.30



Benzoic acid
 Concen: 2.646 ng
 RT: 10.360 min Scan# 1132
 Delta R.T. 0.265 min
 Lab File: BM033734.D
 Acq: 14 Jan 2022 18:48

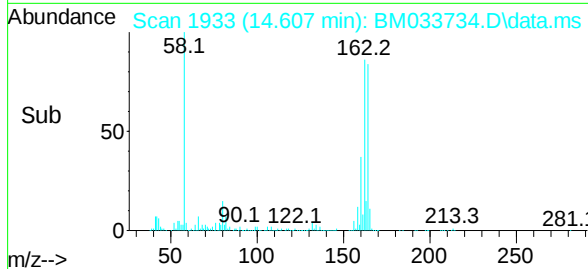
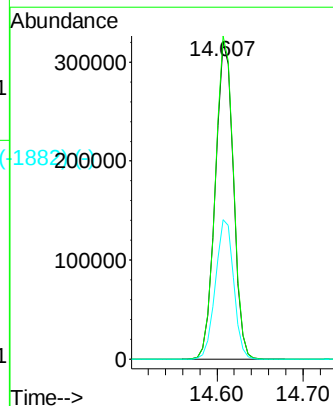
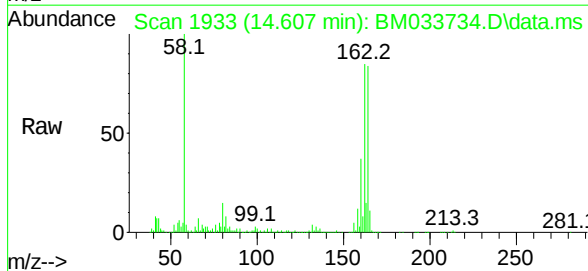
Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW

Tgt Ion:122 Resp: 19032
 Ion Ratio Lower Upper
 122 100
 105 138.0 119.6 159.6
 77 110.7 101.0 141.0



Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.607 min Scan# 1933
 Delta R.T. 0.000 min
 Lab File: BM033734.D
 Acq: 14 Jan 2022 18:48

Tgt Ion:164 Resp: 469475
 Ion Ratio Lower Upper
 164 100
 162 101.8 79.7 119.5
 160 43.9 34.2 51.4



Abundance Scan 2188 (16.107 min): BM033643.D\data.ms (-2140) (-)

2,4,6-Tribromophenol

Concen: 105.143 ng

RT: 16.089 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM033734.D

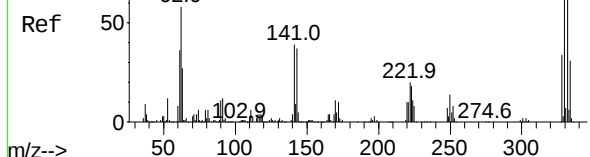
Acq: 14 Jan 2022 18:48

Instrument :

BNA_M

ClientSampleId :

EFF-WW



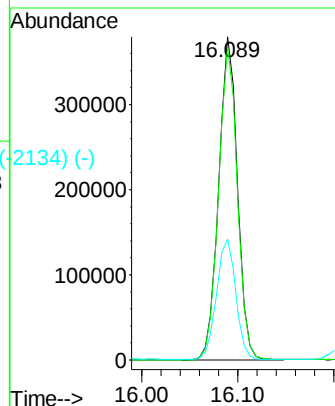
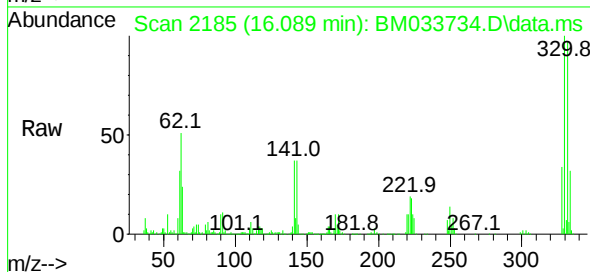
Tgt Ion:330 Resp: 515571

Ion Ratio Lower Upper

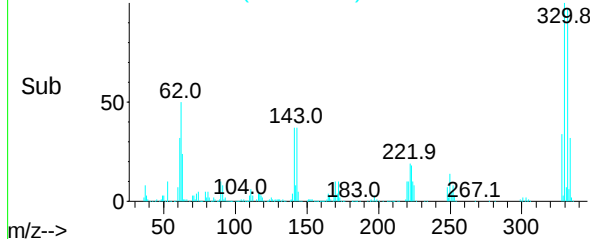
330 100

332 97.4 76.5 114.7

141 38.3 35.9 53.9



Abundance Scan 2185 (16.089 min): BM033734.D\data.ms (-2134) (-)



Abundance Scan 1704 (13.260 min): BM033643.D\data.ms (-1645) (-)

2-Fluorobiphenyl

Concen: 77.126 ng

RT: 13.242 min Scan# 1701

Delta R.T. 0.000 min

Lab File: BM033734.D

Acq: 14 Jan 2022 18:48

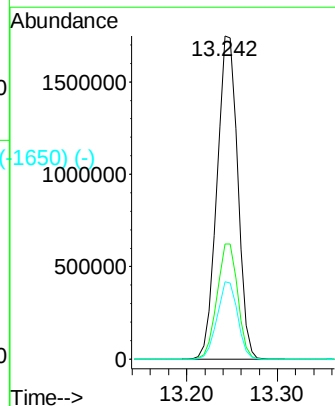
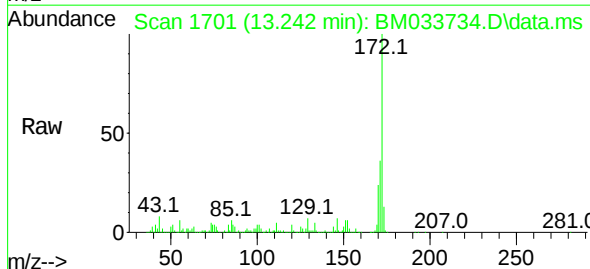
Tgt Ion:172 Resp: 2764495

Ion Ratio Lower Upper

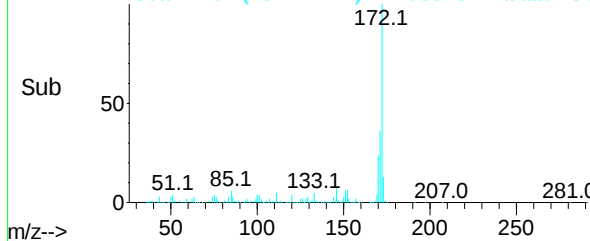
172 100

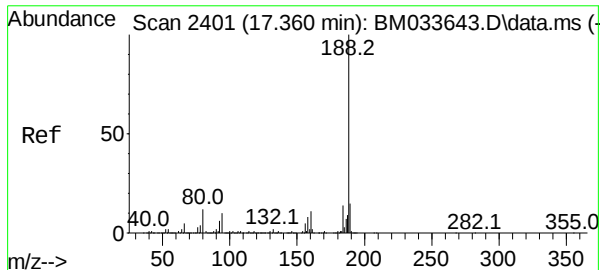
171 35.6 27.2 40.8

170 23.9 18.7 28.1



Abundance Scan 1701 (13.242 min): BM033734.D\data.ms (-1650) (-)

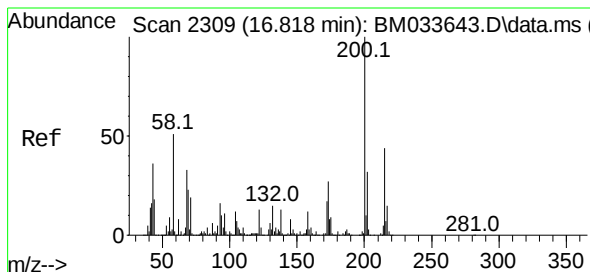
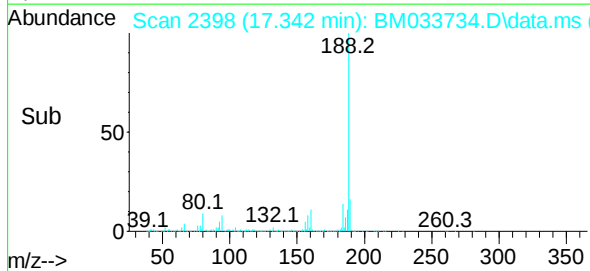
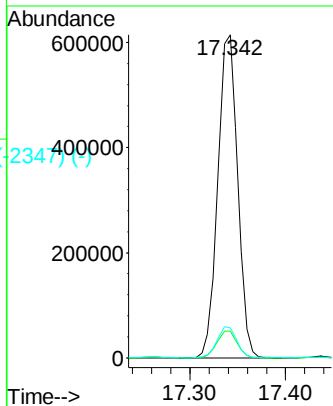
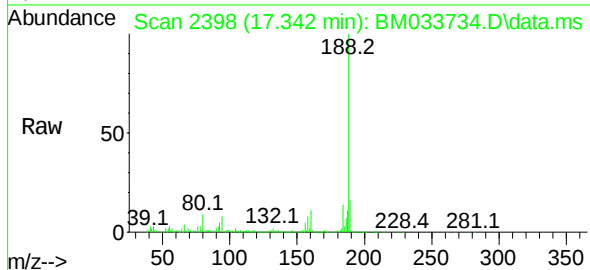




Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.342 min Scan# 2398
 Delta R.T. 0.000 min
 Lab File: BM033734.D
 Acq: 14 Jan 2022 18:48

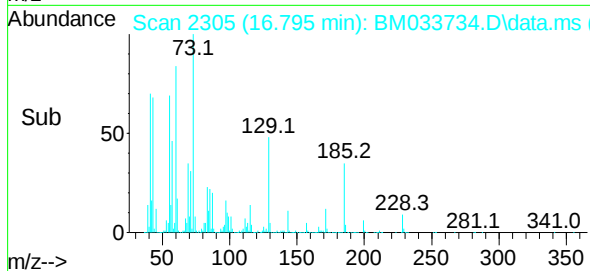
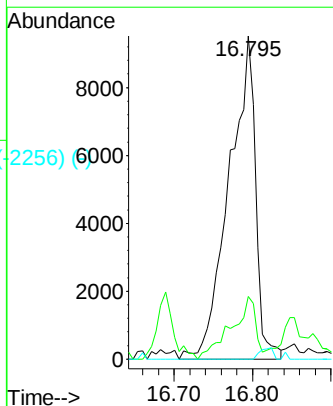
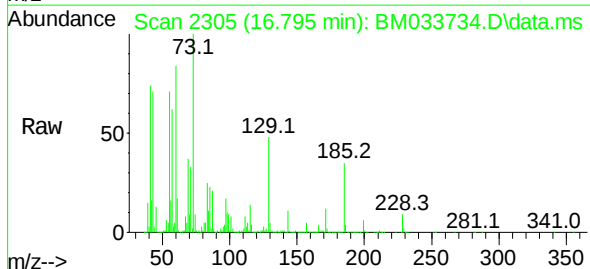
Instrument :
 BNA_M
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Tgt Ion:	188	Resp:	886939
Ion Ratio	Lower	Upper	
188	100		
94	8.3	7.5	11.3
80	9.3	8.9	13.3



Atrazine
 Concen: 2.164 ng
 RT: 16.795 min Scan# 2305
 Delta R.T. -0.012 min
 Lab File: BM033734.D
 Acq: 14 Jan 2022 18:48

Tgt Ion:	200	Resp:	22251
Ion Ratio	Lower	Upper	
200	100		
173	19.3	7.3	47.3
215	0.0	25.7	65.7#



Abundance Scan 3109 (21.524 min): BM033643.D\data.ms (-3170) (-)

Chrysene-d12

Concen: 20.000 ng

RT: 21.500 min Scan# 3105

Delta R.T. -0.006 min

Lab File: BM033734.D

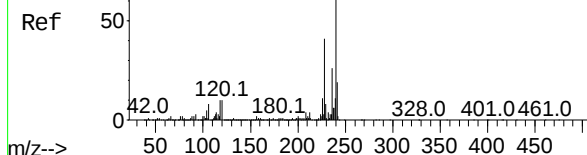
Acq: 14 Jan 2022 18:48

Instrument :

BNA_M

ClientSampleId :

EFF-WW



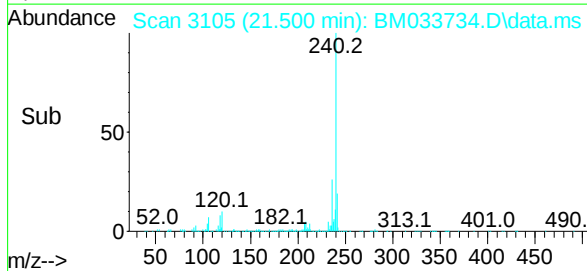
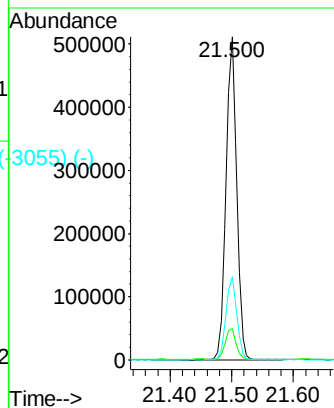
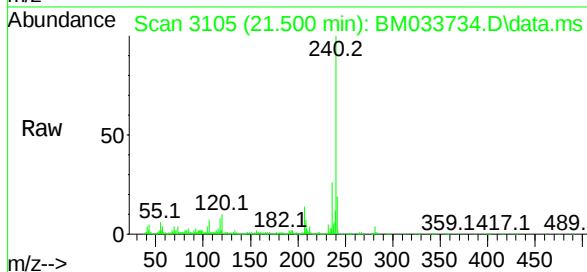
Tgt Ion:240 Resp: 617263

Ion Ratio Lower Upper

240 100

120 9.7 7.8 11.6

236 25.6 20.3 30.5



Abundance Scan 2845 (19.971 min): BM033643.D\data.ms (-2879) (-)

Terphenyl-d14

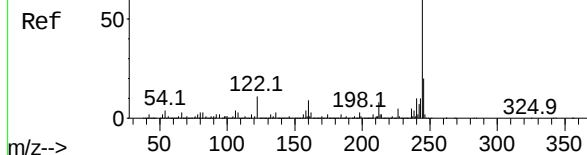
Concen: 88.663 ng

RT: 19.954 min Scan# 2842

Delta R.T. -0.006 min

Lab File: BM033734.D

Acq: 14 Jan 2022 18:48



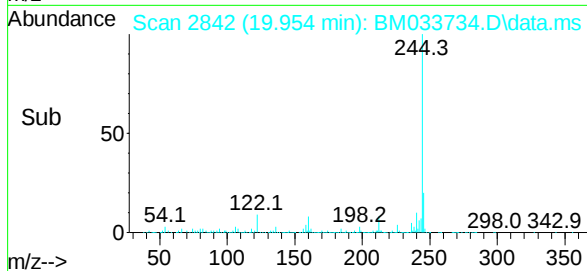
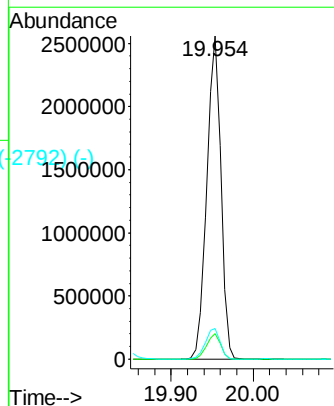
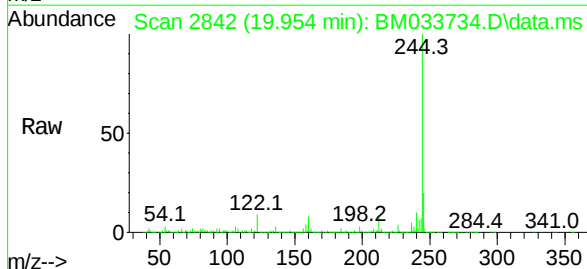
Tgt Ion:244 Resp: 3040490

Ion Ratio Lower Upper

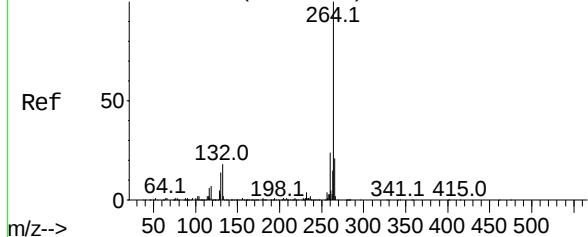
244 100

212 7.8 5.9 8.9

122 9.5 8.4 12.6



Abundance Scan 3522 (23.953 min): BM033643.D\data.ms (-3467) (-)



Perylene-d12

Concen: 20.000 ng

RT: 23.918 min Scan#

Delta R.T. -0.012 min

Lab File: BM033734.D

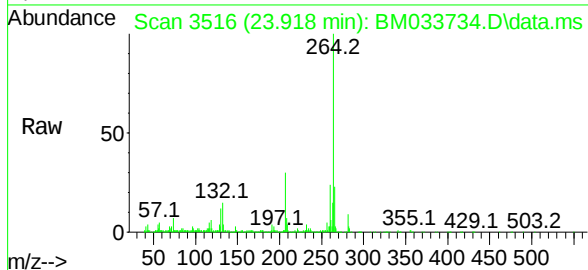
Acq: 14 Jan 2022 18:48

Instrument :

BNA_M

ClientSampleId :

EFF-WW



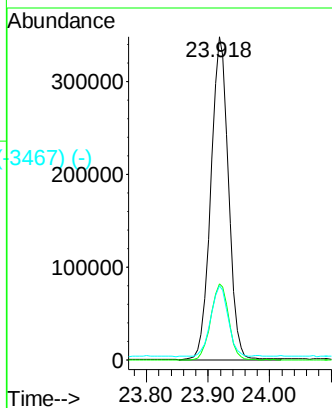
Tgt Ion:264 Resp: 691540

Ion Ratio Lower Upper

264 100

260 23.6 17.7 26.5

265 22.9 17.7 26.5



Abundance Scan 3516 (23.918 min): BM033734.D\data.ms (-3467) (-)

