

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011422\
 Data File : BM033735.D
 Acq On : 14 Jan 2022 19:24
 Operator : CG/JU
 Sample : N1157-02 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW

Quant Time: Jan 17 00:26:51 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)

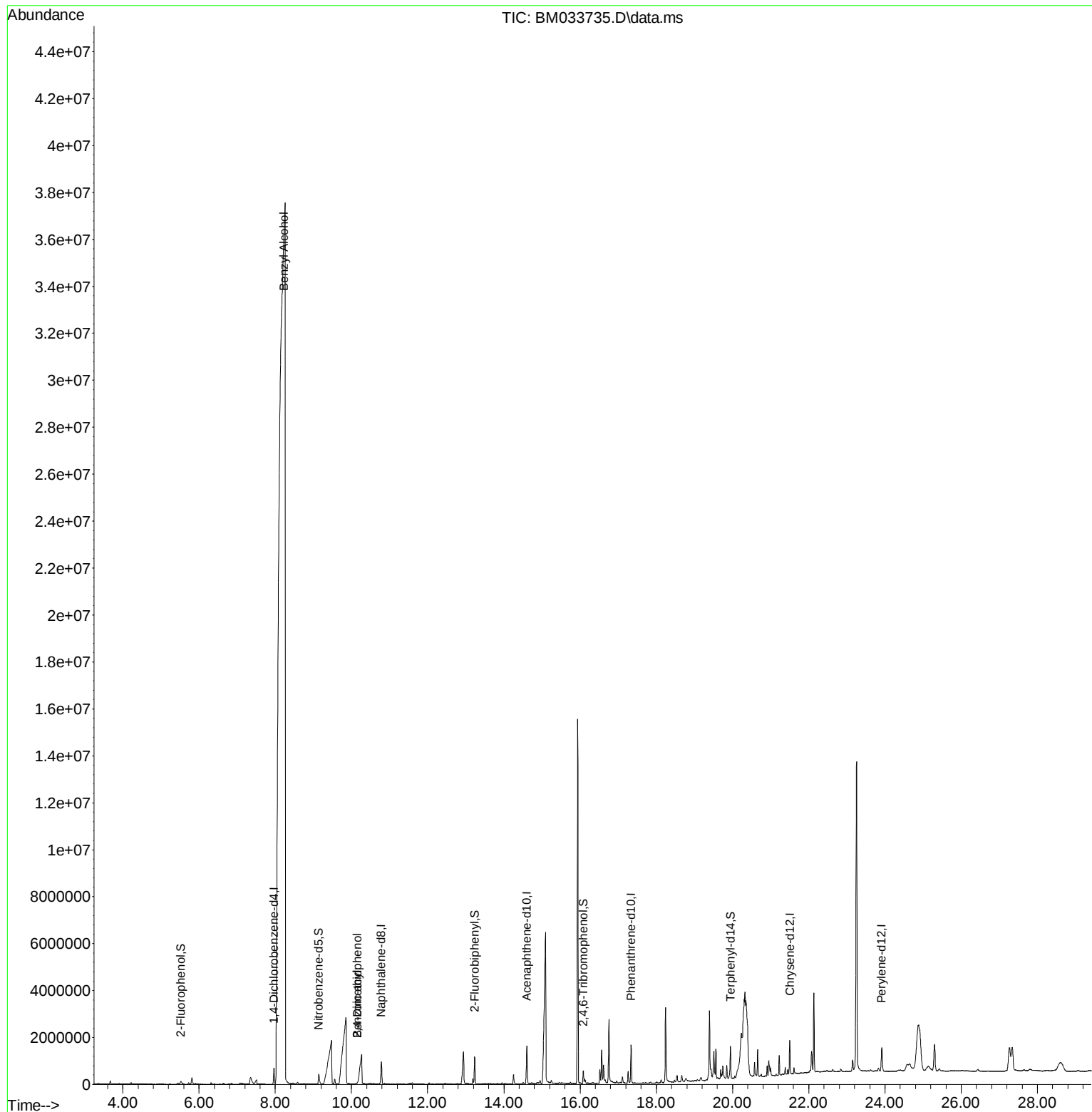
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	187123	20.000	ng	0.00
21) Naphthalene-d8	10.783	136	789717	20.000	ng	# 0.00
39) Acenaphthene-d10	14.601	164	513871	20.000	ng	0.00
64) Phenanthrene-d10	17.336	188	914392	20.000	ng	0.00
76) Chrysene-d12	21.500	240	678032	20.000	ng	0.00
86) Perylene-d12	23.912	264	745243	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.519	112	84956	7.160	ng	0.00
7) Phenol-d6	7.201	99	2555	0.160	ng	0.08
23) Nitrobenzene-d5	9.142	82	233262	13.641	ng	0.00
42) 2,4,6-Tribromophenol	16.083	330	93358	17.394	ng	0.00
45) 2-Fluorobiphenyl	13.230	172	565181	14.406	ng	-0.01
79) Terphenyl-d14	19.948	244	572945	15.210	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	7.084	77	956	Below Cal	#	21
15) Benzyl Alcohol	8.231	79	340537	26.087	ng	# 39
27) 2,4-Dimethylphenol	10.160	122	36766	3.214	ng	# 1
32) Benzoic acid	10.160	122	36766	4.568	ng	# 80

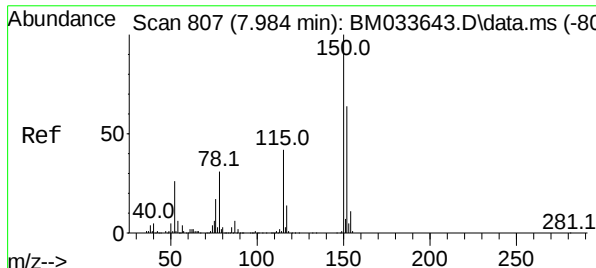
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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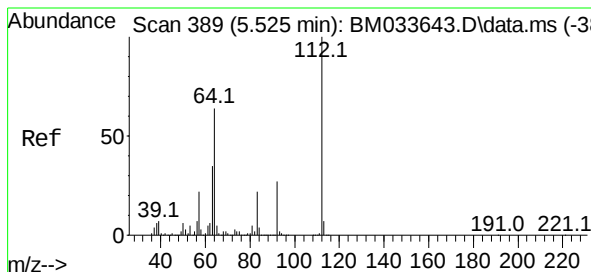
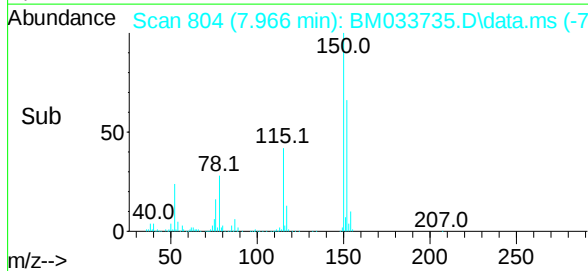
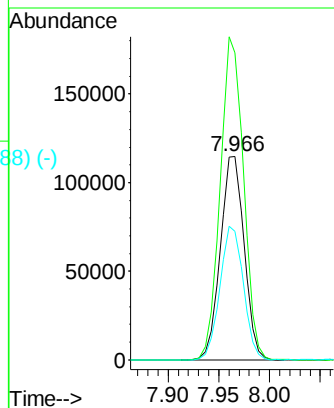
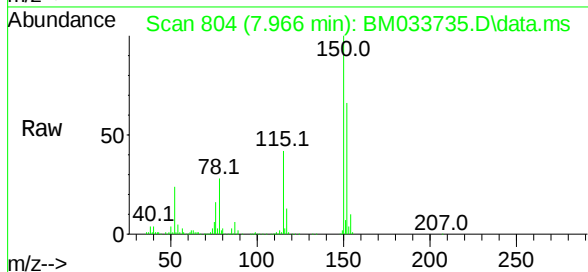




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.966 min Scan# 804
 Delta R.T. -0.006 min
 Lab File: BM033735.D
 Acq: 14 Jan 2022 19:24

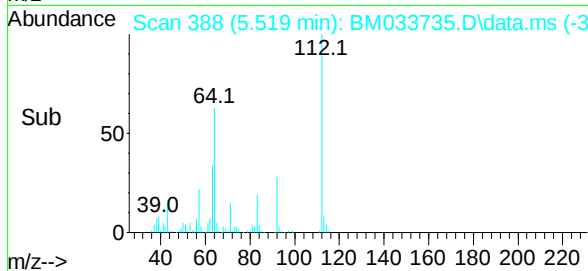
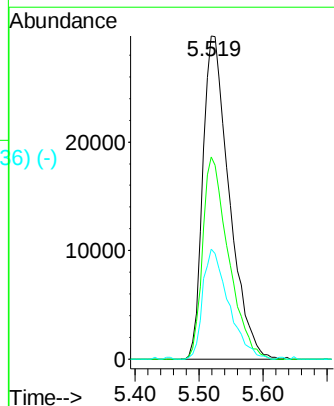
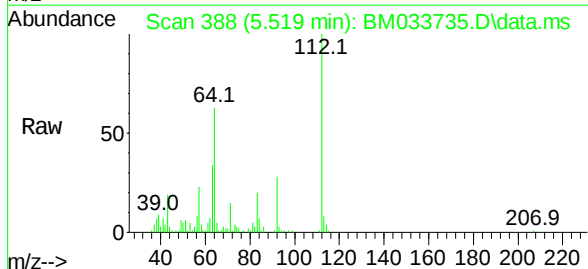
Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW

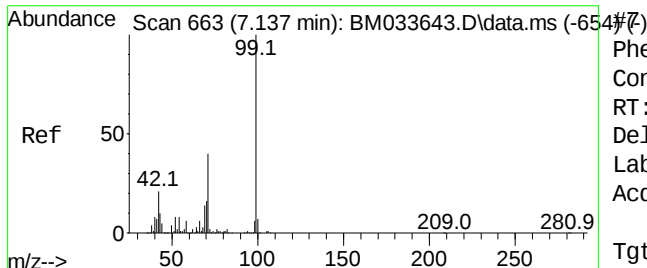
Tgt Ion:	152	Resp:	187123
Ion	Ratio	Lower	Upper
152	100		
150	150.9	128.9	193.3
115	63.3	53.0	79.6



2-Fluorophenol
 Concen: 7.160 ng
 RT: 5.519 min Scan# 388
 Delta R.T. 0.006 min
 Lab File: BM033735.D
 Acq: 14 Jan 2022 19:24

Tgt Ion:	112	Resp:	84956
Ion	Ratio	Lower	Upper
112	100		
64	62.6	55.5	83.3
63	34.1	31.3	46.9

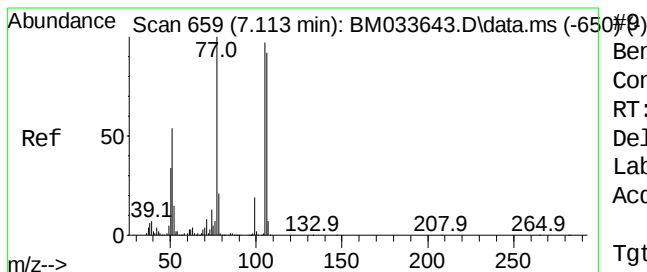
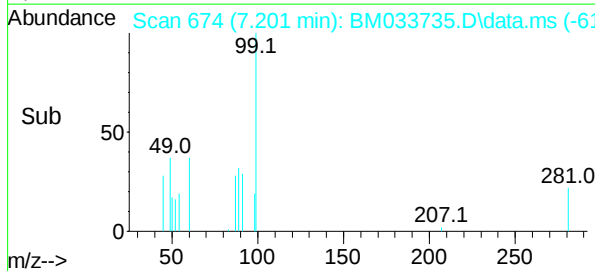
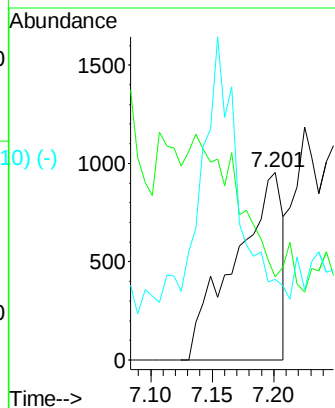
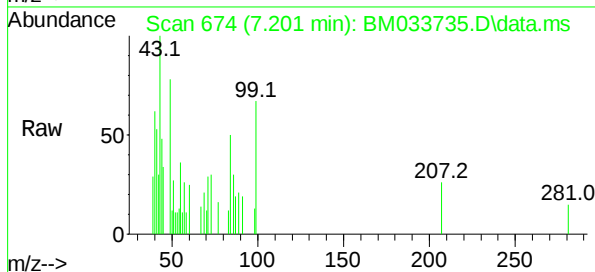




Phenol-d6
 Concen: 0.160 ng
 RT: 7.201 min Scan# 610
 Delta R.T. 0.077 min
 Lab File: BM033735.D
 Acq: 14 Jan 2022 19:24

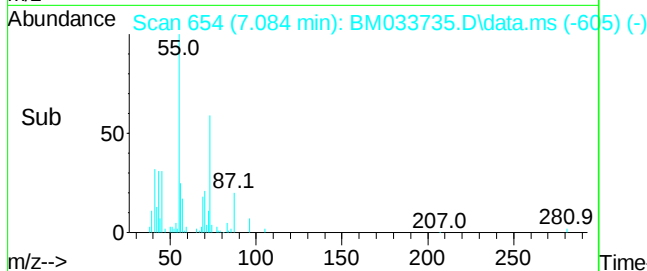
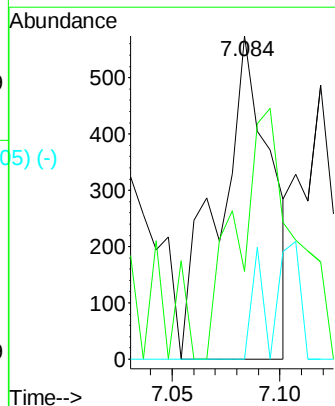
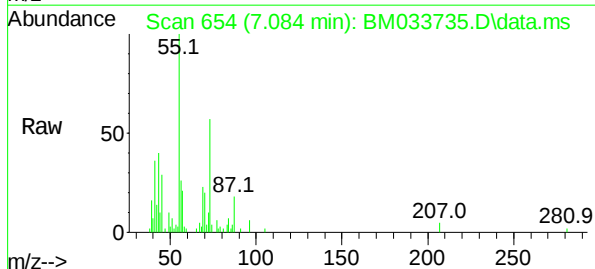
Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW

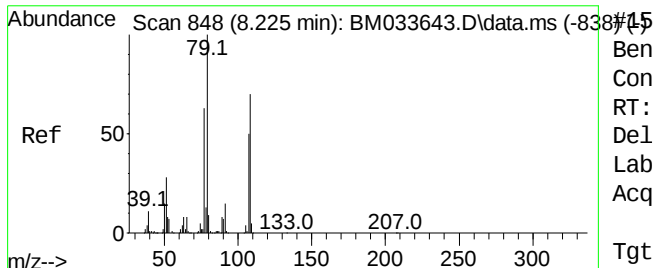
Tgt Ion: 99 Resp: 2555
 Ion Ratio Lower Upper
 99 100
 42 44.4 20.3 30.5#
 71 42.9 34.5 51.7



Benzaldehyde
 Concen: Below Cal
 RT: 7.084 min Scan# 654
 Delta R.T. -0.012 min
 Lab File: BM033735.D
 Acq: 14 Jan 2022 19:24

Tgt Ion: 77 Resp: 956
 Ion Ratio Lower Upper
 77 100
 105 27.2 67.1 107.1#
 106 0.0 64.3 104.3#





Benzyl Alcohol

Concen: 26.087 ng

RT: 8.231 min Scan# 848

Delta R.T. 0.024 min

Lab File: BM033735.D

Acq: 14 Jan 2022 19:24

Instrument :

BNA_M

ClientSampleId :

EFF-WW

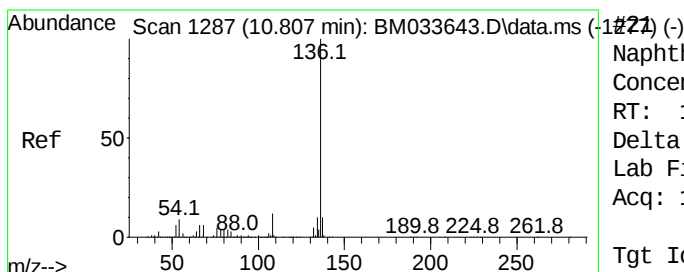
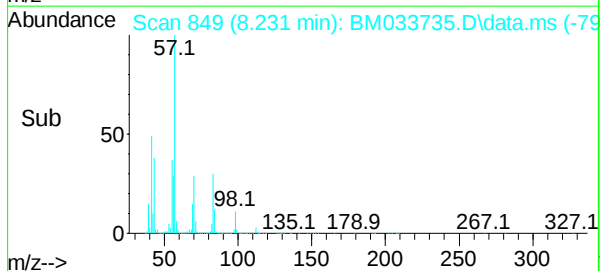
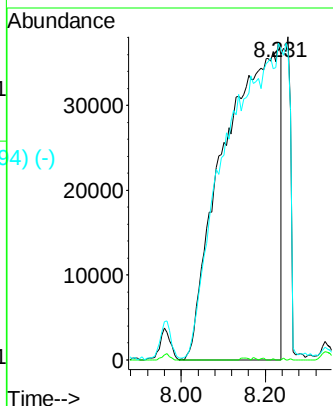
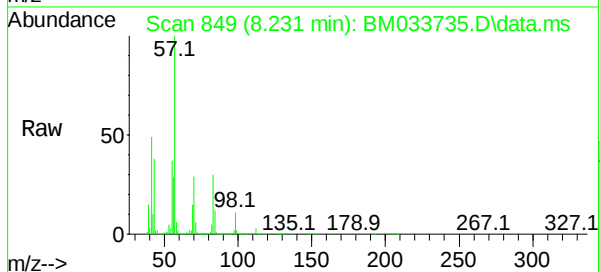
Tgt Ion: 79 Resp: 340537

Ion Ratio Lower Upper

79 100

108 0.0 51.1 76.7#

77 99.8 53.8 80.8#



Naphthalene-d8

Concen: 20.000 ng

RT: 10.783 min Scan# 1283

Delta R.T. -0.006 min

Lab File: BM033735.D

Acq: 14 Jan 2022 19:24

Tgt Ion: 136 Resp: 789717

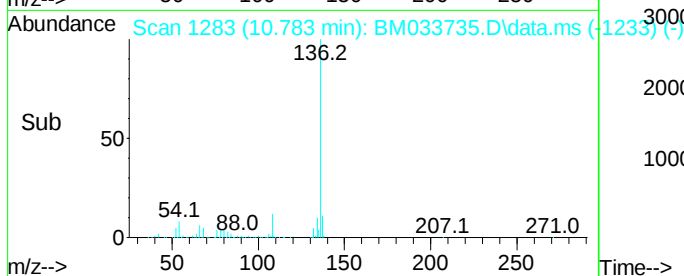
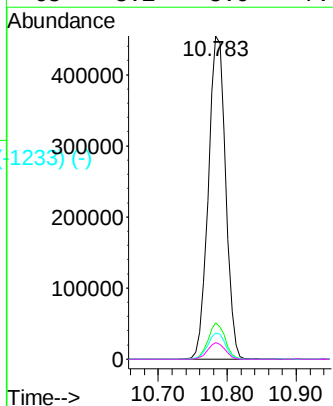
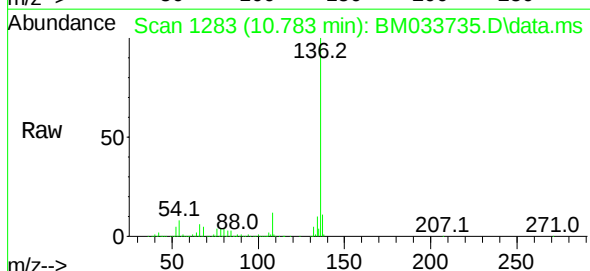
Ion Ratio Lower Upper

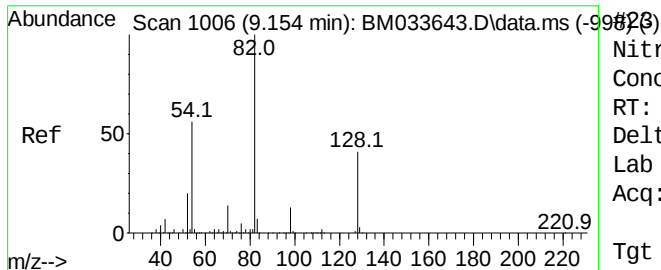
136 100

137 11.3 8.6 13.0

54 8.1 8.3 12.5#

68 5.2 5.0 7.6





Nitrobenzene-d5

Concen: 13.641 ng

RT: 9.142 min Scan# 1177

Delta R.T. 0.006 min

Lab File: BM033735.D

Acq: 14 Jan 2022 19:24

Instrument :

BNA_M

ClientSampleId :

EFF-WW

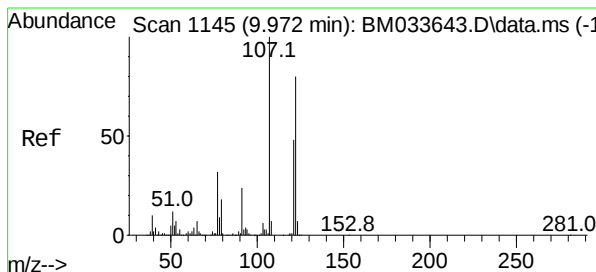
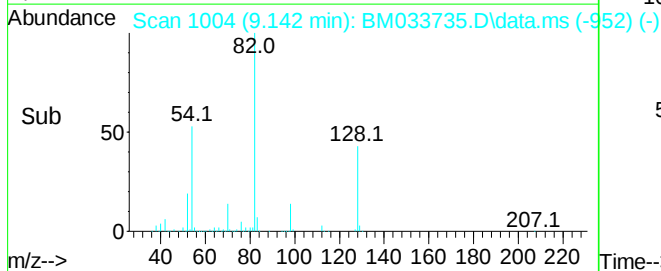
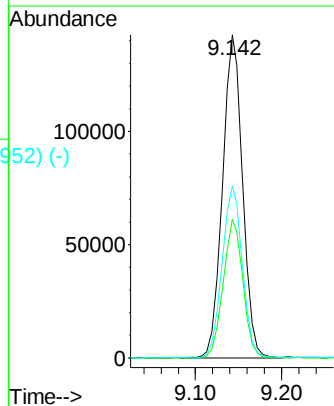
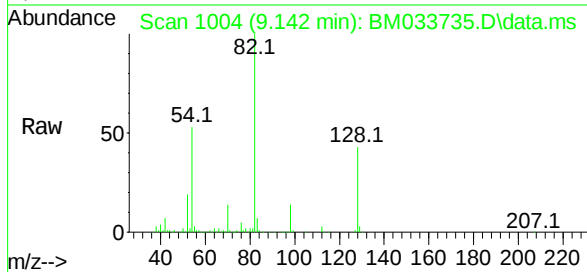
Tgt Ion: 82 Resp: 233262

Ion Ratio Lower Upper

82 100

128 43.0 28.1 42.1#

54 53.3 46.1 69.1



2,4-Dimethylphenol

Concen: 3.214 ng

RT: 10.160 min Scan# 1177

Delta R.T. 0.206 min

Lab File: BM033735.D

Acq: 14 Jan 2022 19:24

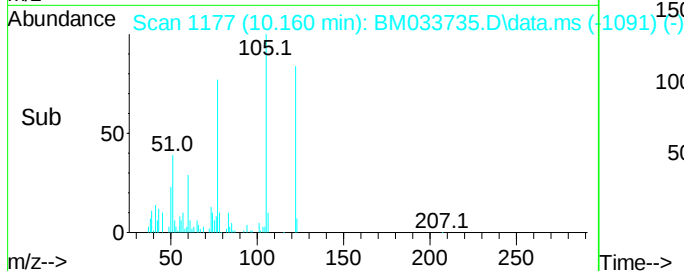
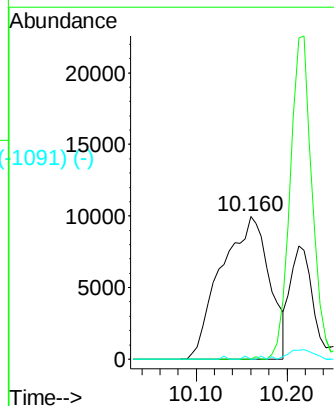
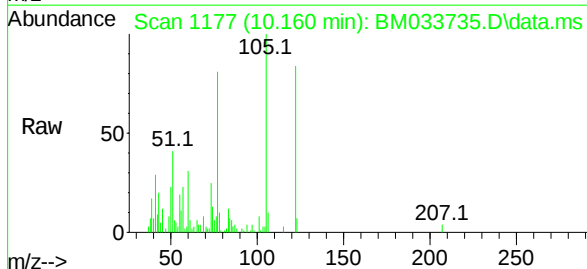
Tgt Ion: 122 Resp: 36766

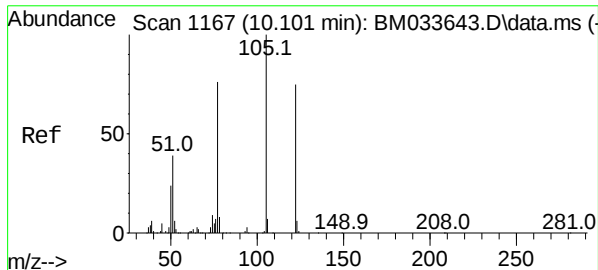
Ion Ratio Lower Upper

122 100

107 0.0 105.3 157.9#

121 0.0 49.7 74.5#

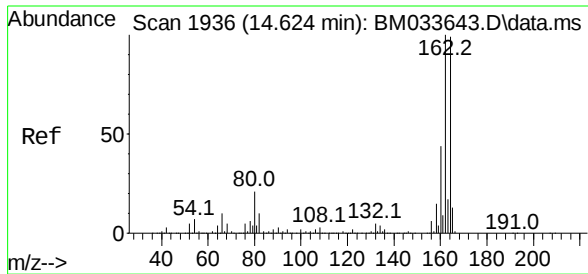
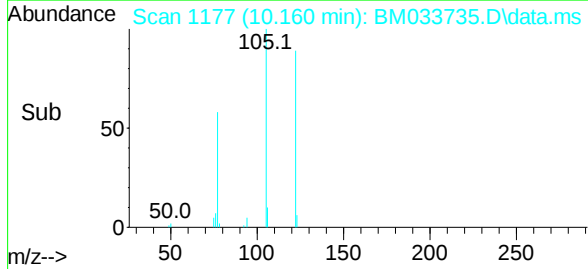
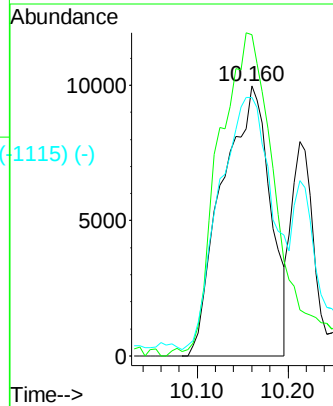
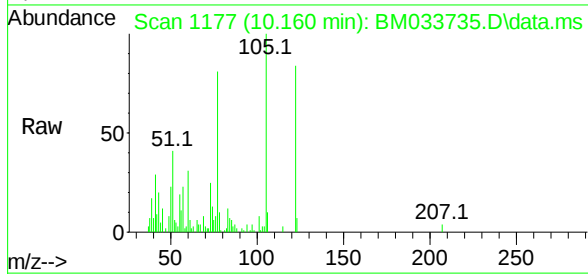




Benzoic acid
 Concen: 4.568 ng
 RT: 10.160 min Scan# 1177
 Delta R.T. 0.065 min
 Lab File: BM033735.D
 Acq: 14 Jan 2022 19:24

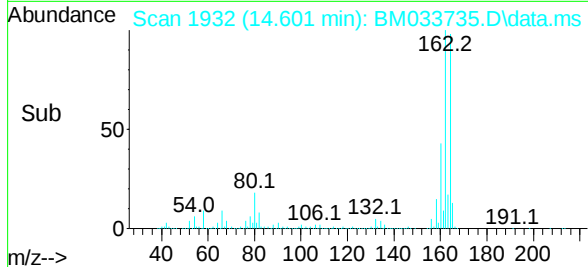
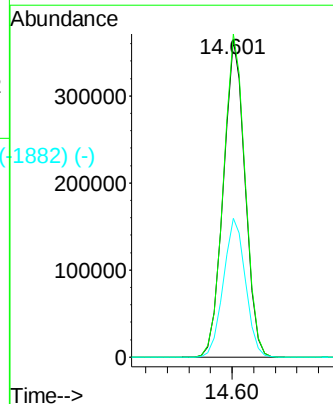
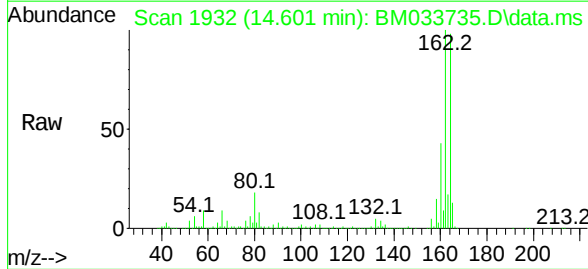
Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW

Tgt Ion:122 Resp: 36766
 Ion Ratio Lower Upper
 122 100
 105 118.8 119.6 159.6#
 77 95.7 101.0 141.0#



Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.601 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BM033735.D
 Acq: 14 Jan 2022 19:24

Tgt Ion:164 Resp: 513871
 Ion Ratio Lower Upper
 164 100
 162 101.8 79.7 119.5
 160 43.7 34.2 51.4



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

2,4,6-Tribromophenol

Concen: 17.394 ng

RT: 16.083 min Scan# 1699

Delta R.T. -0.006 min

Lab File: BM033735.D

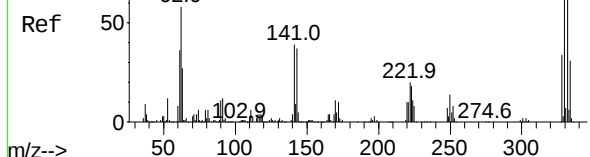
Acq: 14 Jan 2022 19:24

Instrument :

BNA_M

ClientSampleId :

EFF-WW



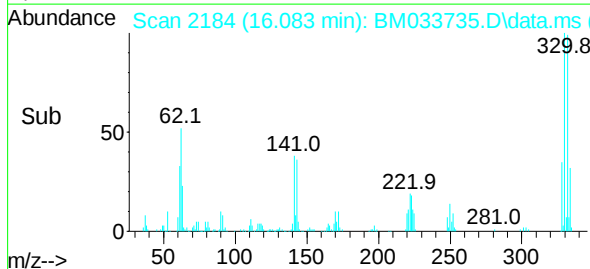
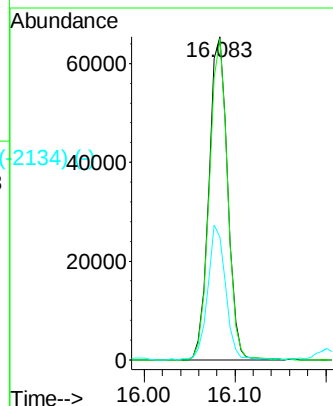
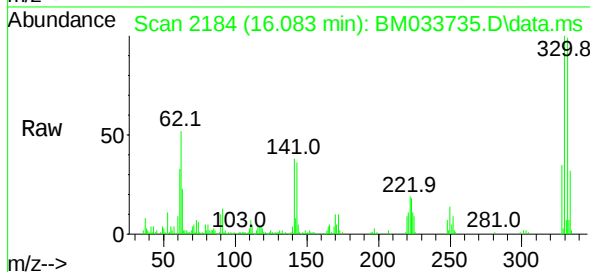
Tgt Ion:330 Resp: 93358

Ion Ratio Lower Upper

330 100

332 96.7 76.5 114.7

141 0.0 35.9 53.9#



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

2-Fluorobiphenyl

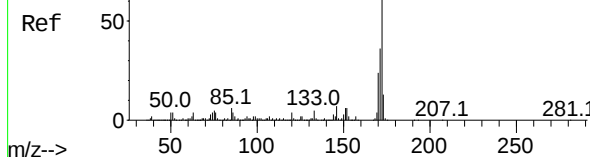
Concen: 14.406 ng

RT: 13.230 min Scan# 1699

Delta R.T. -0.012 min

Lab File: BM033735.D

Acq: 14 Jan 2022 19:24



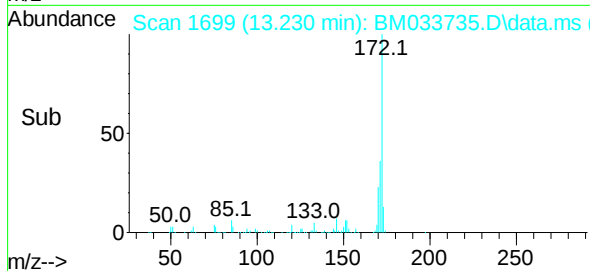
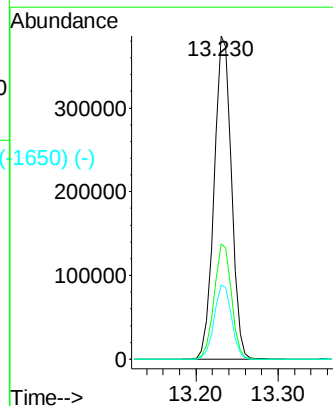
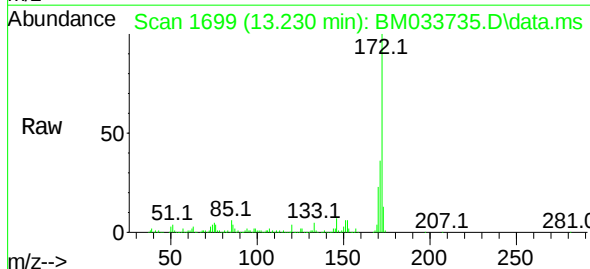
Tgt Ion:172 Resp: 565181

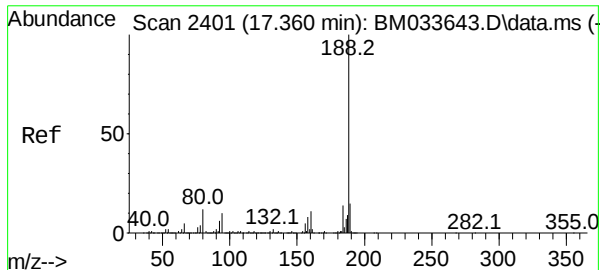
Ion Ratio Lower Upper

172 100

171 35.6 27.2 40.8

170 22.9 18.7 28.1





Phenanthrene-d10

Concen: 20.000 ng

RT: 17.336 min Scan# 2397

Delta R.T. -0.006 min

Lab File: BM033735.D

Acq: 14 Jan 2022 19:24

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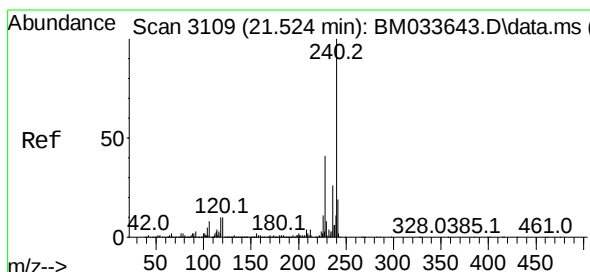
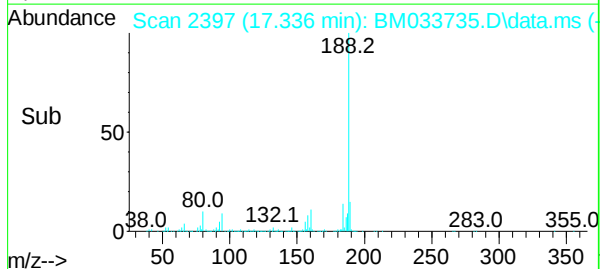
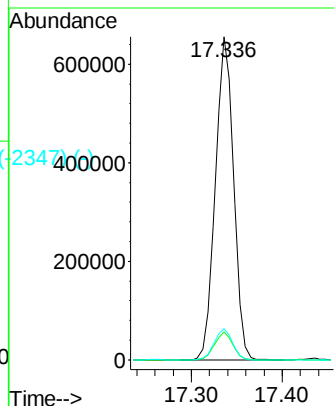
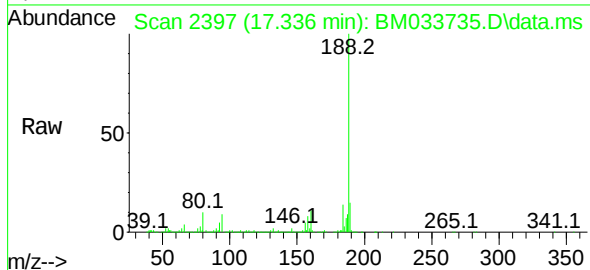
Tgt Ion:188 Resp: 914392

Ion Ratio Lower Upper

188 100

94 8.7 7.5 11.3

80 9.7 8.9 13.3



Chrysene-d12

Concen: 20.000 ng

RT: 21.500 min Scan# 3105

Delta R.T. -0.006 min

Lab File: BM033735.D

Acq: 14 Jan 2022 19:24

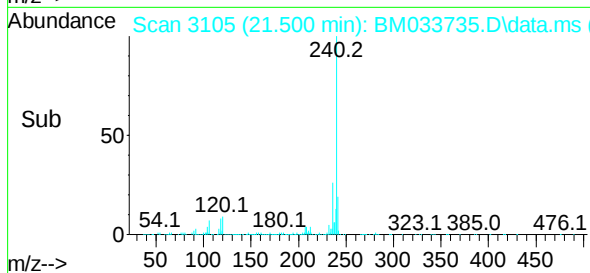
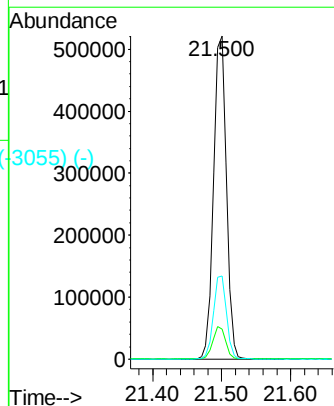
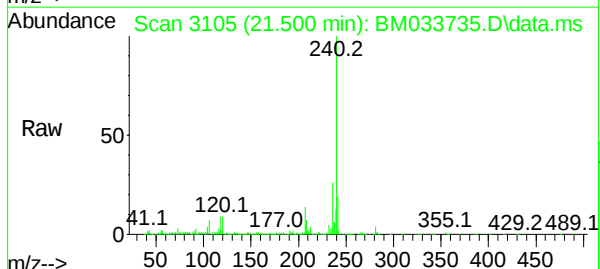
Tgt Ion:240 Resp: 678032

Ion Ratio Lower Upper

240 100

120 9.2 7.8 11.6

236 25.8 20.3 30.5



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

Terphenyl-d14

Concen: 15.210 ng

RT: 19.948 min Scan# 2841

Delta R.T. -0.012 min

Lab File: BM033735.D

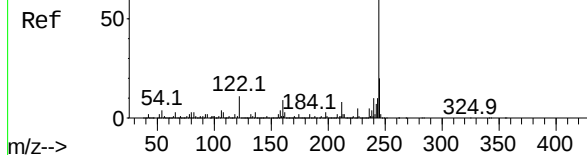
Acq: 14 Jan 2022 19:24

Instrument :

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EFF-WW



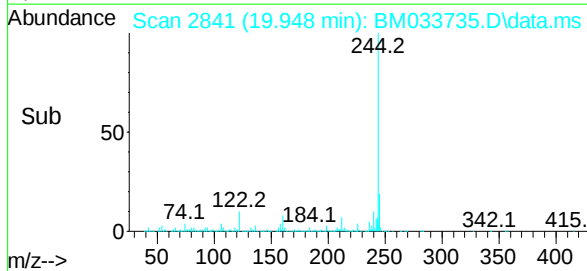
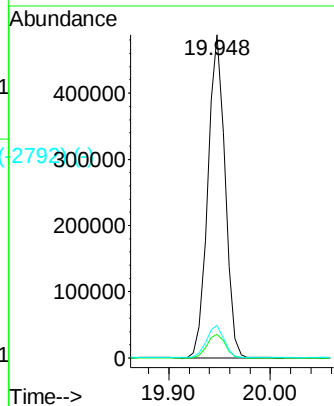
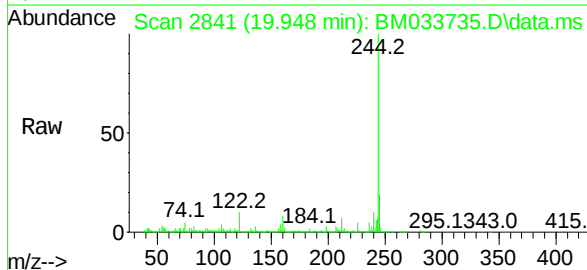
Tgt Ion:244 Resp: 572945

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 10.1 8.4 12.6



Abundance Scan 3522 (23.953 min): BM033643.D\data.ms (-3536) (-)

Perylene-d12

Concen: 20.000 ng

RT: 23.912 min Scan# 3515

Delta R.T. -0.018 min

Lab File: BM033735.D

Acq: 14 Jan 2022 19:24

Tgt Ion:264 Resp: 745243

Ion Ratio Lower Upper

264 100

260 23.9 17.7 26.5

265 21.8 17.7 26.5

