

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071018\
 Data File : BM015878.D
 Acq On : 10 Jul 2018 21:24
 Operator : SJ/JU
 Sample : J3914-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NEMH

Quant Time: Jul 11 03:47:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 05 17:39:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	58850	20.00	ng	-0.02
21) Naphthalene-d8	11.12	136	250764	20.00	ng	-0.02
38) Acenaphthene-d10	14.92	164	152915	20.00	ng	-0.02
63) Phenanthrene-d10	17.64	188	380811	20.00	ng	-0.01
75) Chrysene-d12	21.75	240	405218	20.00	ng	-0.02
86) Perylene-d12	24.15	264	363927	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	577287	168.23	ng	-0.02
7) Phenol-d6	7.45	99	705518	150.18	ng	-0.02
23) Nitrobenzene-d5	9.48	82	572963	111.48	ng	-0.02
41) 2,4,6-Tribromophenol	16.40	330	380826	190.60	ng	-0.02
44) 2-Fluorobiphenyl	13.54	172	1223333	99.32	ng	-0.02
78) Terphenyl-d14	20.20	244	2816648	128.93	ng	-0.02

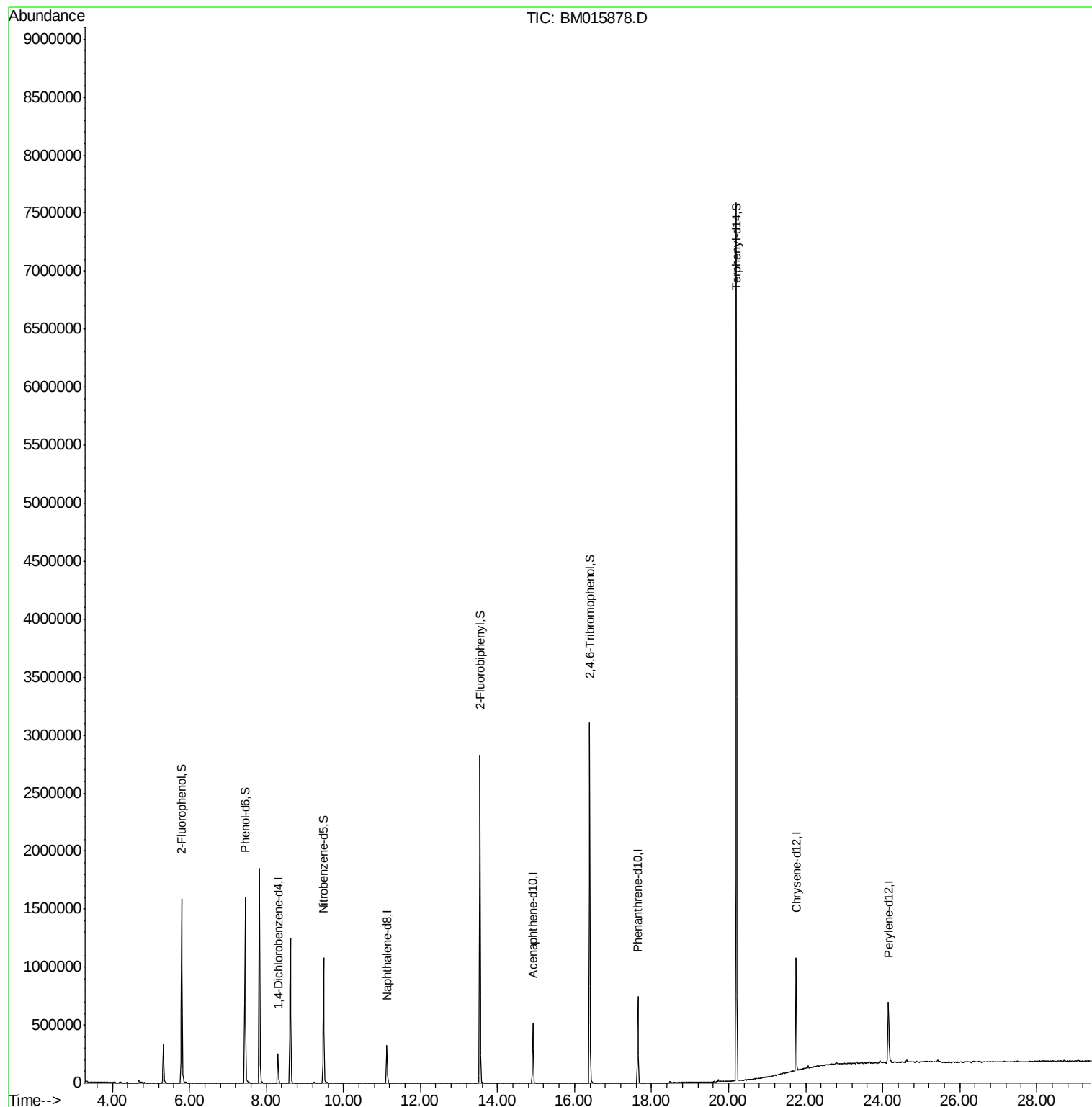
Target Compounds Qvalue

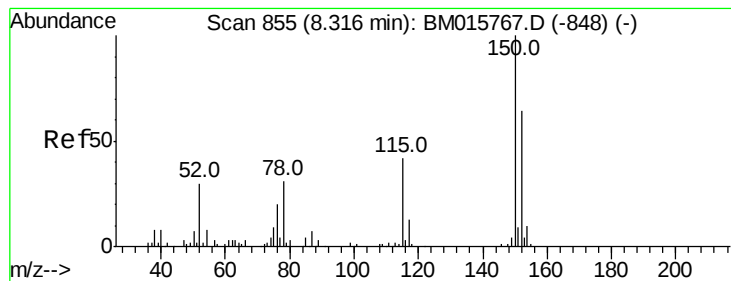
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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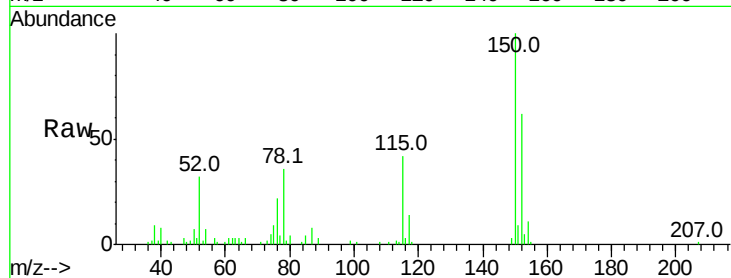


#1

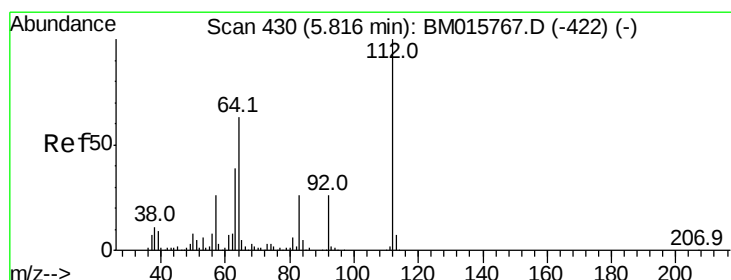
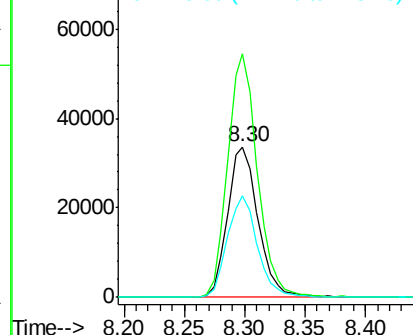
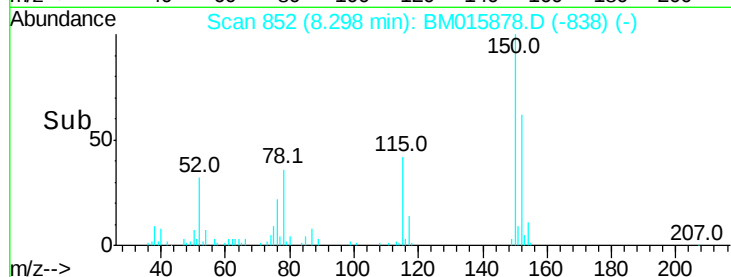
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 852
Delta R.T. -0.02 min
Lab File: BM015878.D
Acq: 10 Jul 2018 21:24

Instrument :
BNA_M
ClientSampleId :
NEMH

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.8	119.5	179.3
115	67.2	43.0	64.4



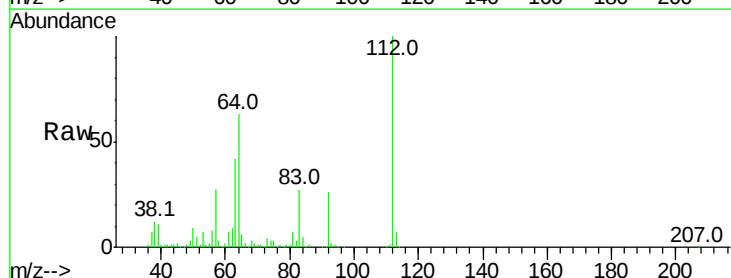
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



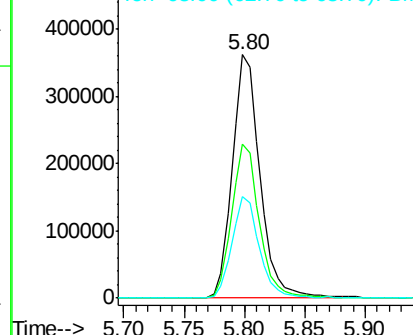
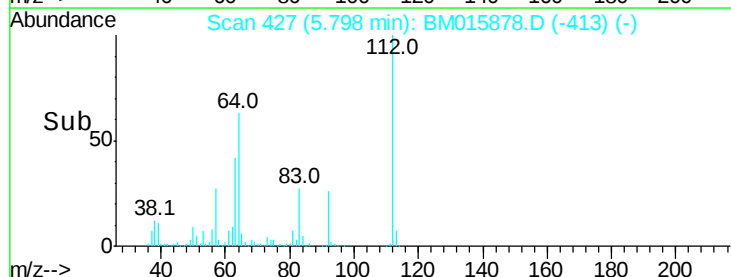
#5

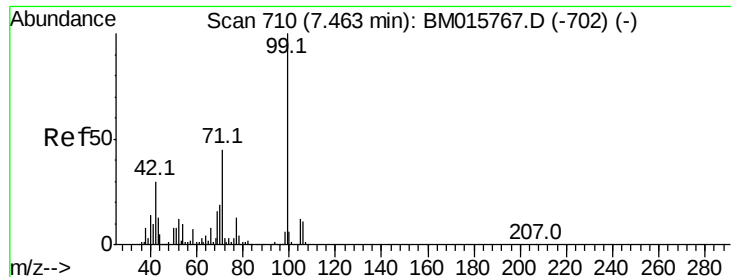
2-Fluorophenol
Concen: Below ng
RT: 5.80 min Scan# 427
Delta R.T. -0.02 min
Lab File: BM015878.D
Acq: 10 Jul 2018 21:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	38.6	57.8
63	41.9	19.3	28.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: N.D. ng

RT: 7.45 min Scan# 707

Delta R.T. -0.02 min

Lab File: BM015878.D

Acq: 10 Jul 2018 21:24

Instrument :

BNA_M

ClientSampled :

NEMH

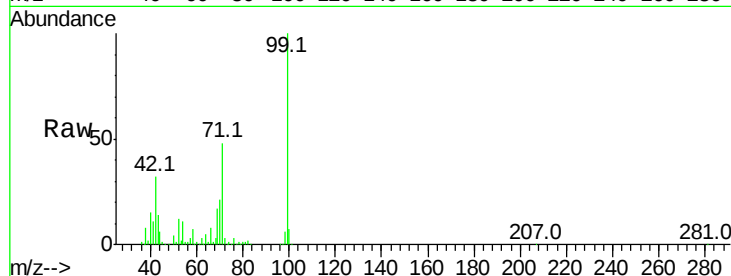
Tot Ion: 99 Resp: 705518

Ion Ratio Lower Upper

99 100

42 32.4 11.0 16.4#

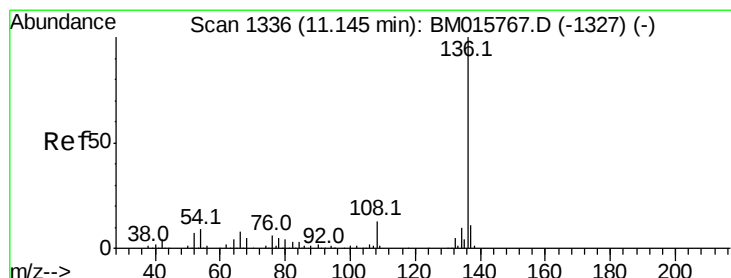
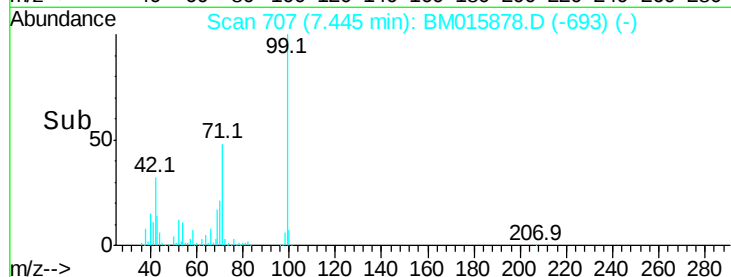
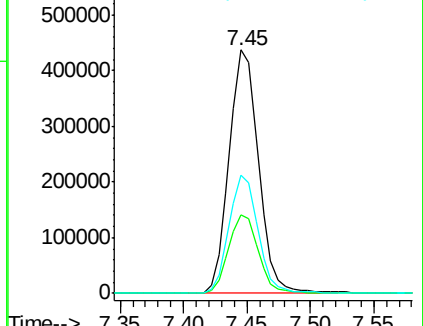
71 48.4 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM015767.D (-702) (-)

Ion 42.00 (41.70 to 42.70): BM015767.D (-702) (-)

Ion 71.00 (70.70 to 71.70): BM015767.D (-702) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.12 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BM015878.D

Acq: 10 Jul 2018 21:24

Tgt Ion: 136 Resp: 250764

Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.4 4.6 6.8#

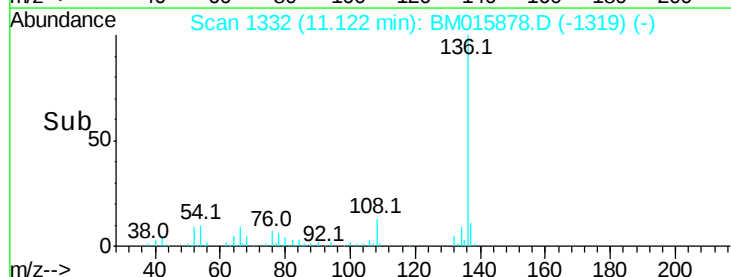
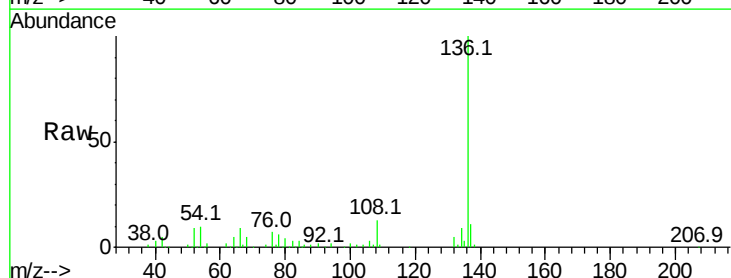
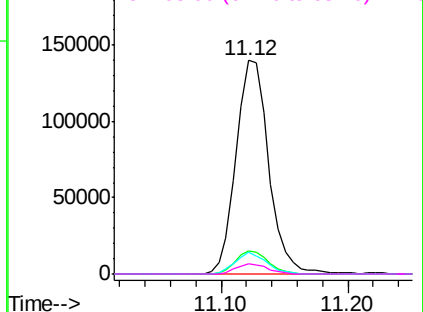
68 4.5 3.7 5.5

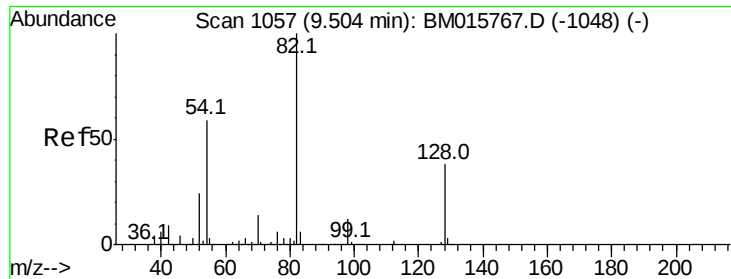
Abundance Ion 136.00 (135.70 to 136.70): BM015767.D (-1327) (-)

Ion 137.00 (136.70 to 137.70): BM015767.D (-1327) (-)

Ion 54.00 (53.70 to 54.70): BM015767.D (-1327) (-)

Ion 68.00 (67.70 to 68.70): BM015767.D (-1327) (-)

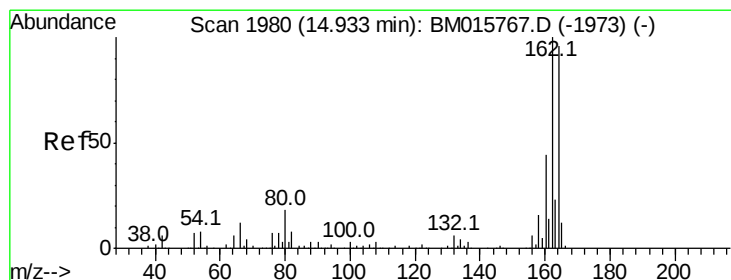
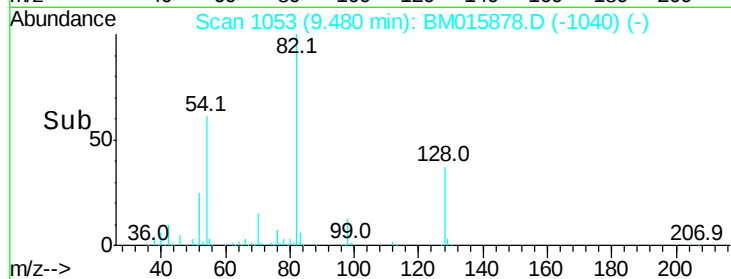
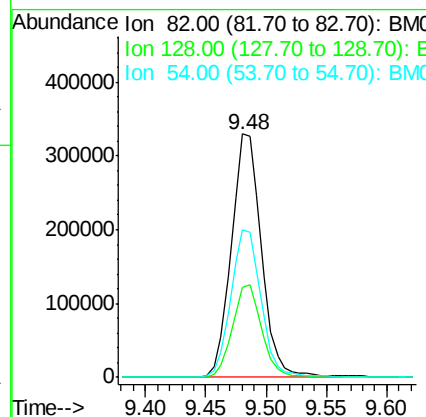
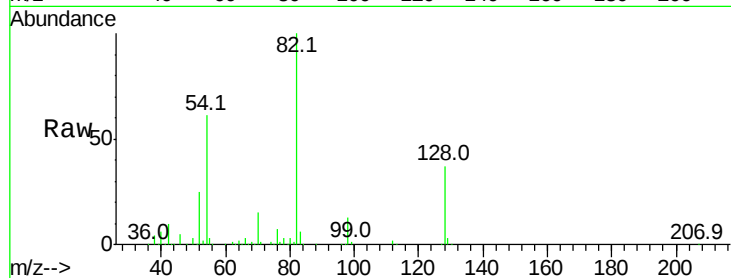




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.48 min Scan# 1053
 Delta R.T. -0.02 min
 Lab File: BM015878.D
 Acq: 10 Jul 2018 21:24

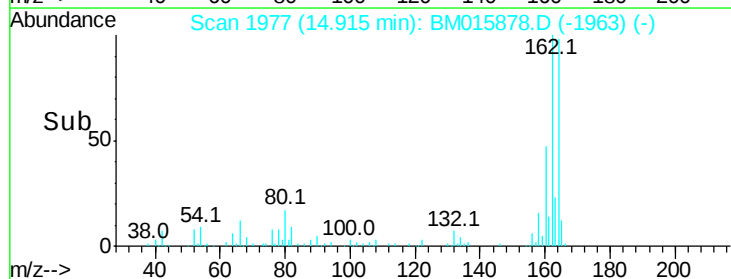
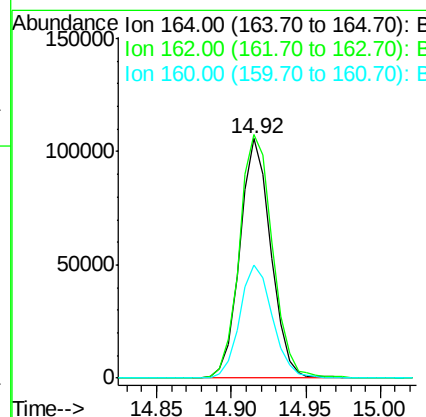
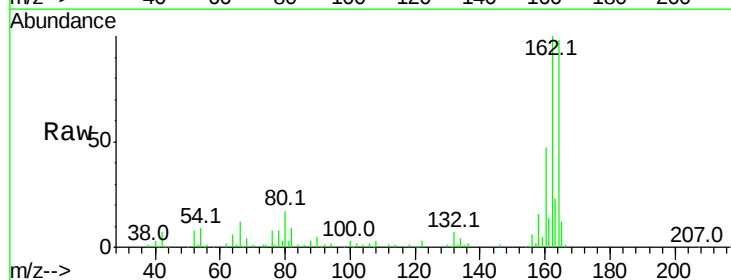
Instrument :
 BNA_M
 ClientSampleId :
 NEMH

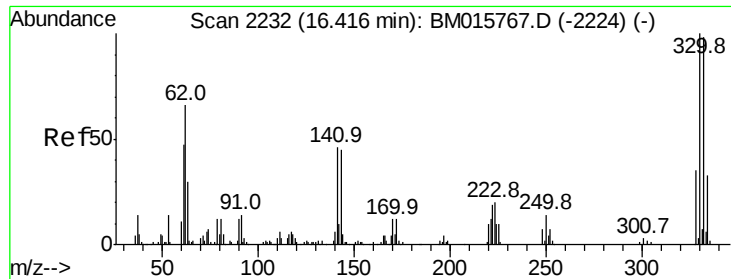
Tot Ion: 82 Resp: 572963
 Ion Ratio Lower Upper
 82 100
 128 36.8 32.8 49.2
 54 60.8 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.92 min Scan# 1977
 Delta R.T. -0.02 min
 Lab File: BM015878.D
 Acq: 10 Jul 2018 21:24

Tgt Ion: 164 Resp: 152915
 Ion Ratio Lower Upper
 164 100
 162 101.6 82.4 123.6
 160 47.4 35.8 53.6

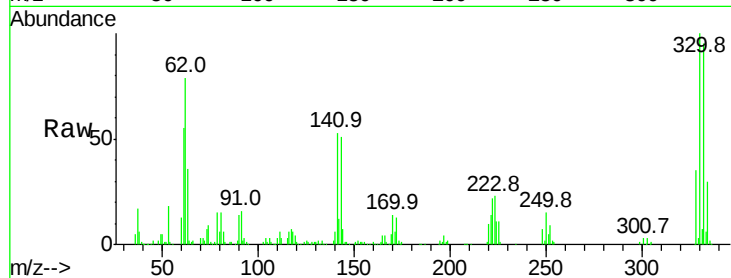




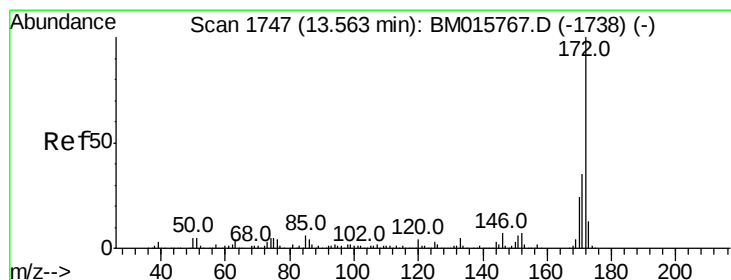
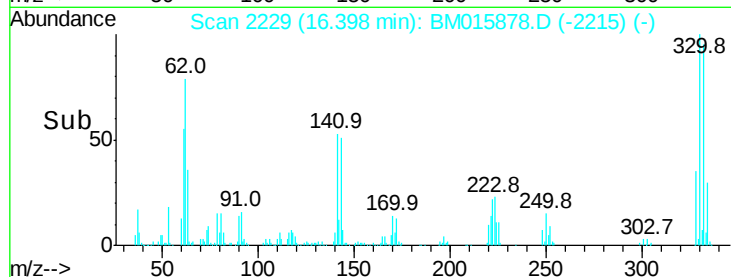
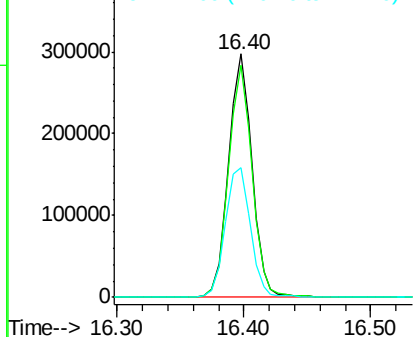
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.40 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BM015878.D
 Acq: 10 Jul 2018 21:24

Instrument :
 BNA_M
 ClientSampleId :
 NEMH

Tot Ion:330 Resp: 380826
 Ion Ratio Lower Upper
 330 100
 332 95.6 0.0 0.0#
 141 57.3 0.0 0.0#

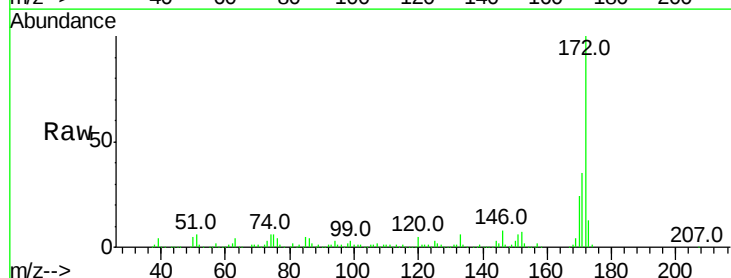


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

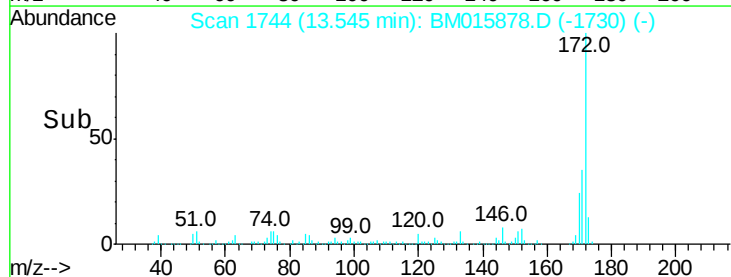
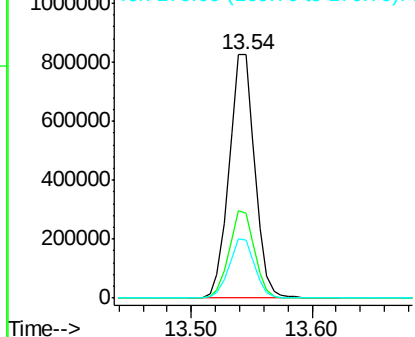


#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.54 min Scan# 1744
 Delta R.T. -0.02 min
 Lab File: BM015878.D
 Acq: 10 Jul 2018 21:24

Tgt Ion:172 Resp: 1223333
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 23.8 18.8 28.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

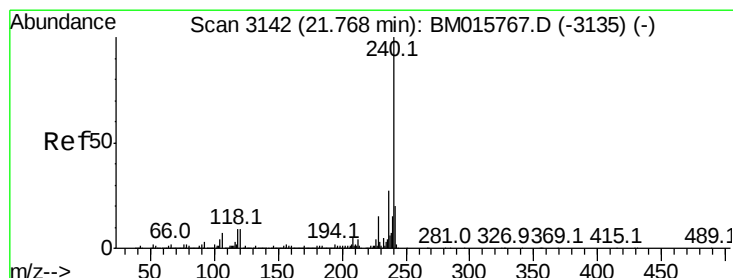
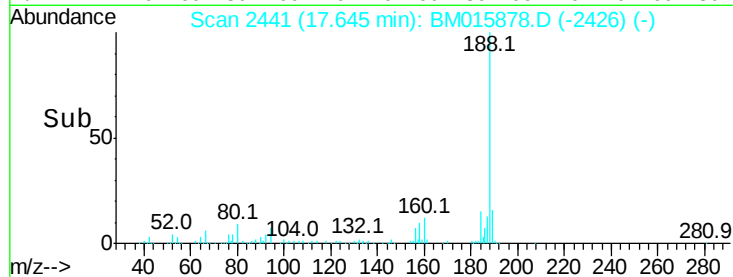
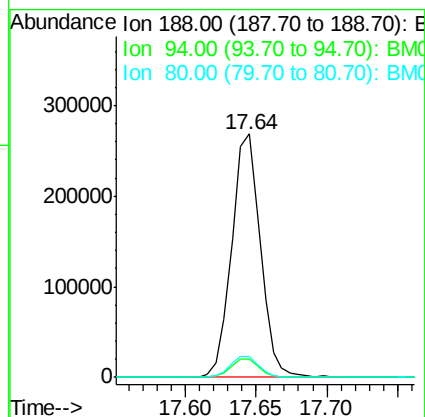
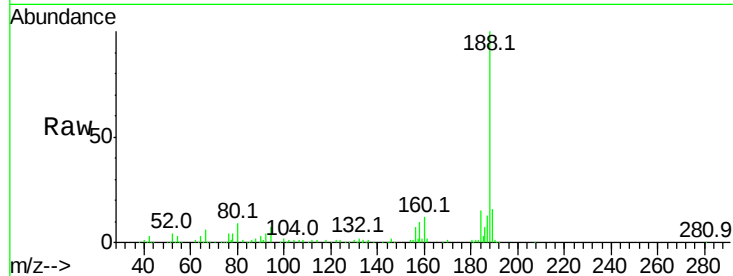




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BM015878.D
Acq: 10 Jul 2018 21:24

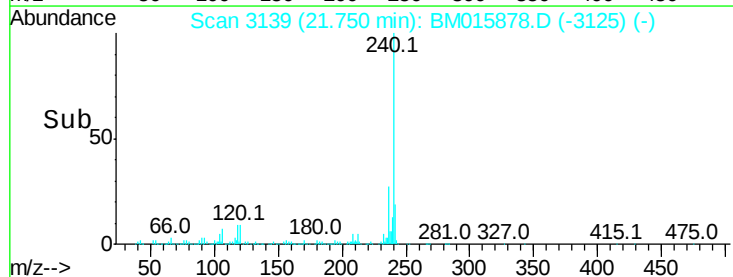
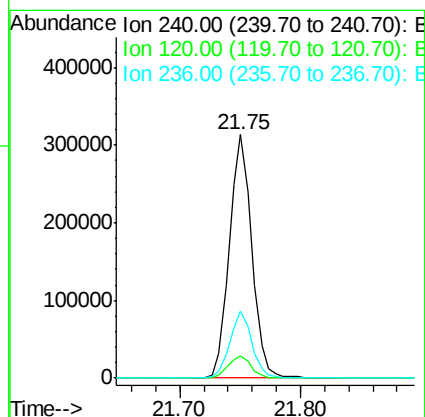
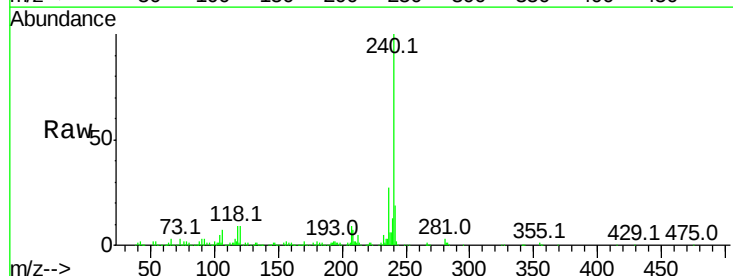
Instrument :
BNA_M
ClientSampleId :
NEMH

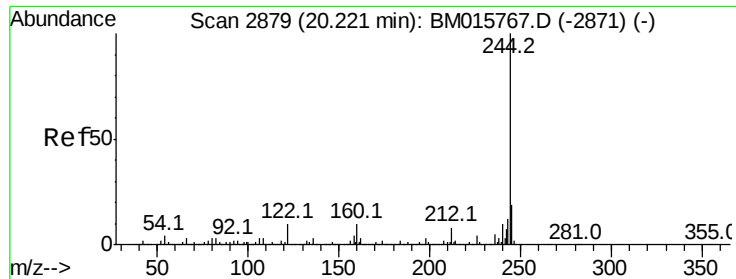
Tot Ion:188 Resp: 380811
Ion Ratio Lower Upper
188 100
94 7.4 8.7 13.1#
80 8.7 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3139
Delta R.T. -0.02 min
Lab File: BM015878.D
Acq: 10 Jul 2018 21:24

Tgt Ion:240 Resp: 405218
Ion Ratio Lower Upper
240 100
120 9.2 8.2 12.2
236 27.4 20.0 30.0





#78

Terphenyl-d14

Concen: N.D. ng

RT: 20.20 min Scan# 2876

Delta R.T. -0.02 min

Lab File: BM015878.D

Acq: 10 Jul 2018 21:24

Instrument :

BNA_M

ClientSampleId :

NEMH

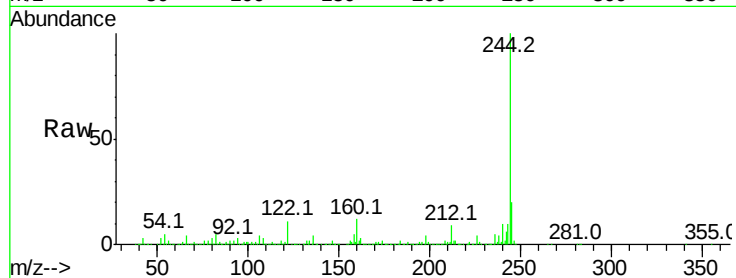
Tot Ion:244 Resp: 2816648

Ion Ratio Lower Upper

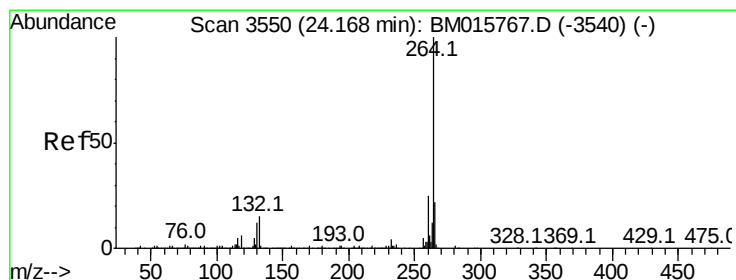
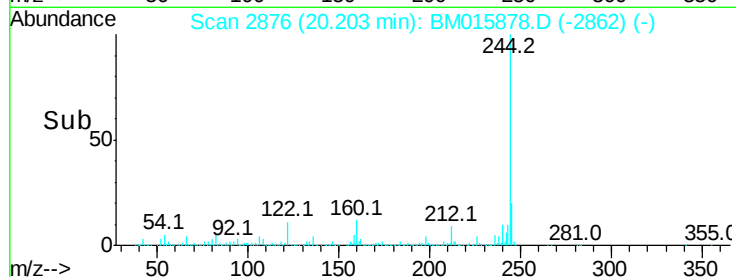
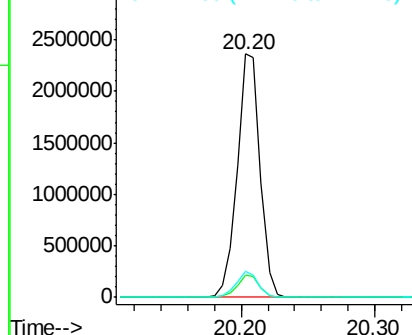
244 100

212 8.9 4.9 7.3#

122 10.7 6.2 9.4#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.15 min Scan# 3547

Delta R.T. -0.02 min

Lab File: BM015878.D

Acq: 10 Jul 2018 21:24

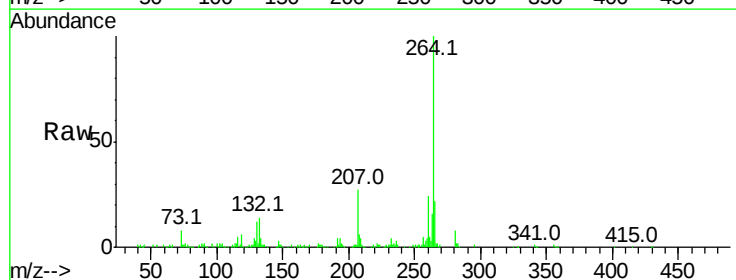
Tgt Ion:264 Resp: 363927

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 22.0 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

