

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070618\
 Data File : BM015830.D
 Acq On : 07 Jul 2018 08:38
 Operator : SJ/JU
 Sample : J3868-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-7-S

Quant Time: Jul 09 00:54:26 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	106254	20.00	ng	-0.01
21) Naphthalene-d8	11.13	136	413401	20.00	ng	-0.01
38) Acenaphthene-d10	14.92	164	234223	20.00	ng	-0.01
63) Phenanthrene-d10	17.65	188	519443	20.00	ng	0.00
75) Chrysene-d12	21.76	240	459374	20.00	ng	-0.01
86) Perylene-d12	24.16	264	381222	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.81	112	907433	146.46	ng	0.00
7) Phenol-d6	7.46	99	1029047	121.32	ng	0.00
23) Nitrobenzene-d5	9.49	82	906144	106.95	ng	-0.01
41) 2,4,6-Tribromophenol	16.40	330	517764	169.18	ng	-0.01
44) 2-Fluorobiphenyl	13.55	172	1940176	102.84	ng	-0.01
78) Terphenyl-d14	20.22	244	3306719	133.52	ng	0.00

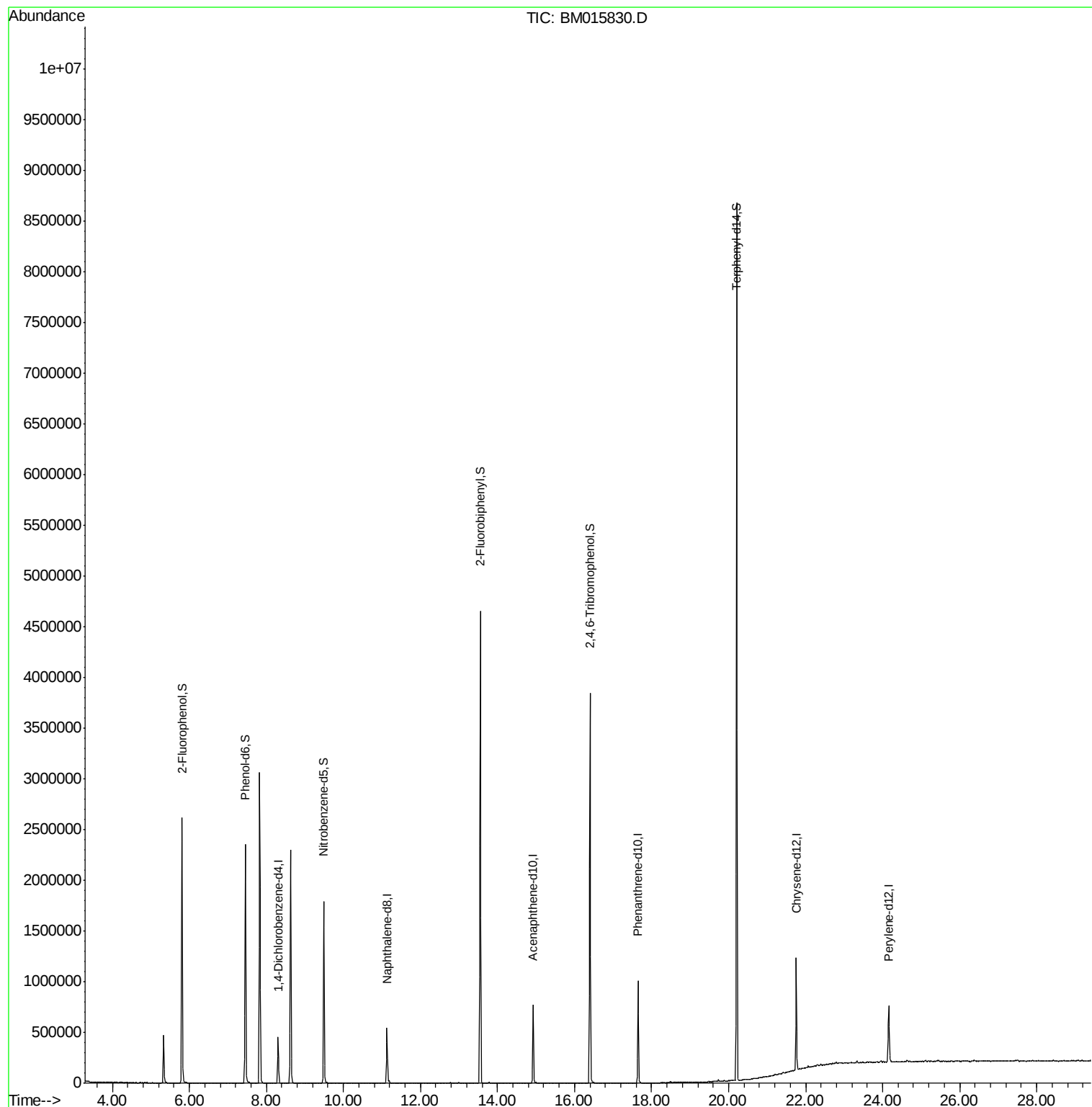
Target Compounds Qvalue

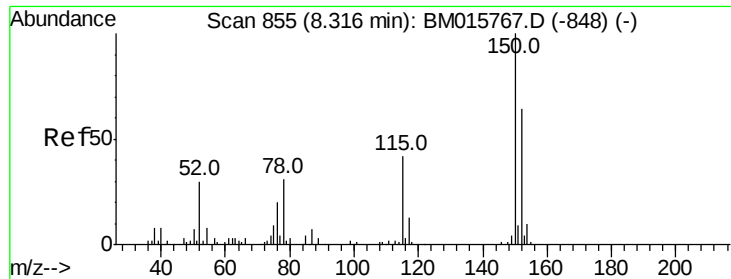
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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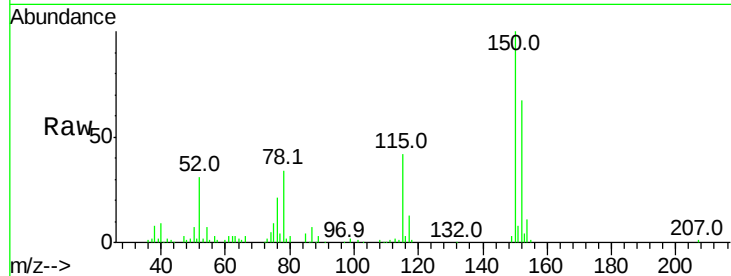


#1

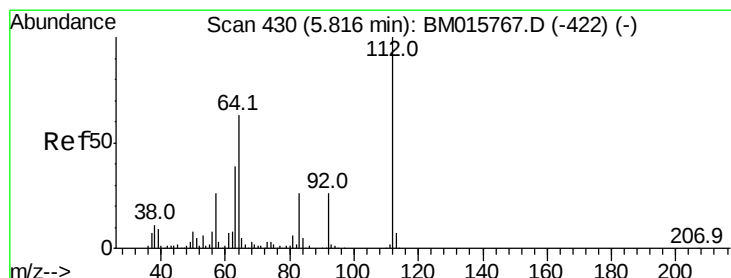
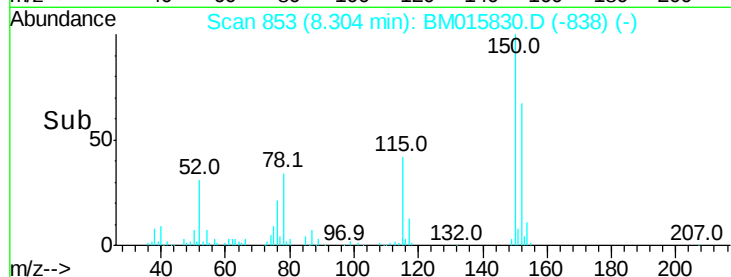
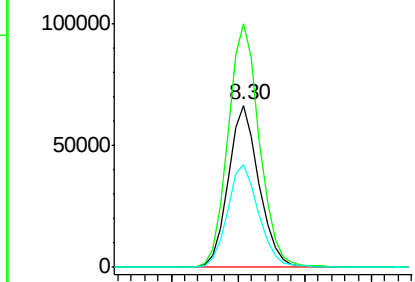
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 853
Delta R.T. -0.01 min
Lab File: BM015830.D
Acq: 07 Jul 2018 08:38

Instrument :
BNA_M
ClientSampleId :
TP-7-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.2	119.5	179.3
115	63.1	43.0	64.4



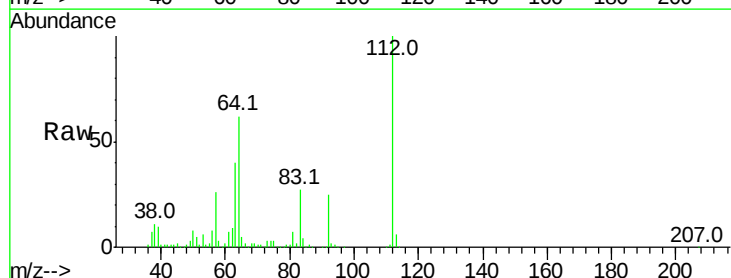
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



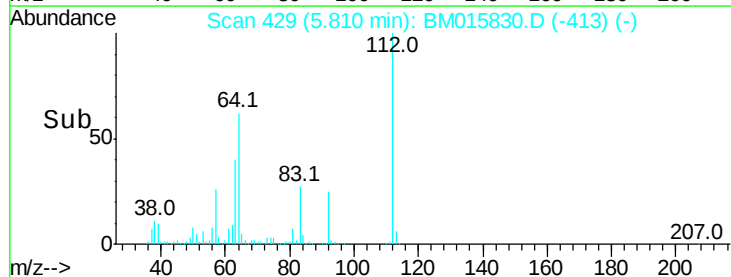
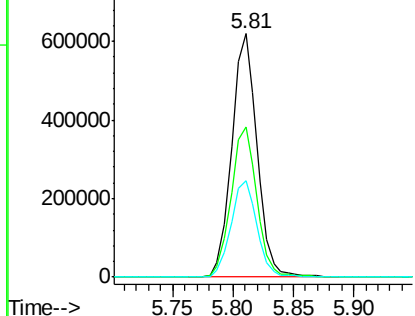
#5

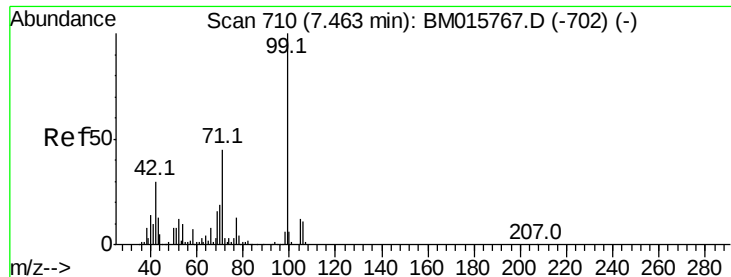
2-Fluorophenol
Concen: Below ng
RT: 5.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BM015830.D
Acq: 07 Jul 2018 08:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	38.6	57.8#
63	39.7	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: 7.46 min Scan# 709

Delta R.T. -0.01 min

Lab File: BM015830.D

Acq: 07 Jul 2018 08:38

Instrument :

BNA_M

ClientSampleId :

TP-7-S

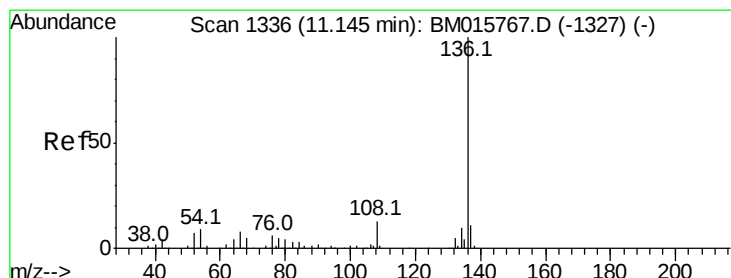
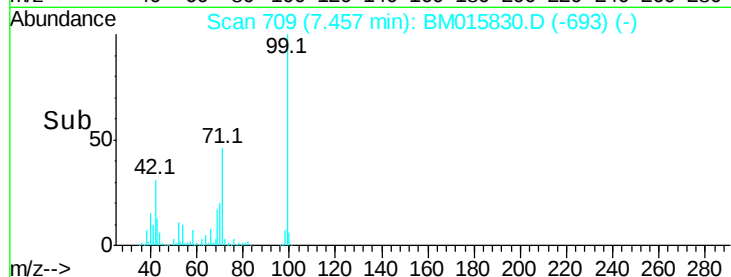
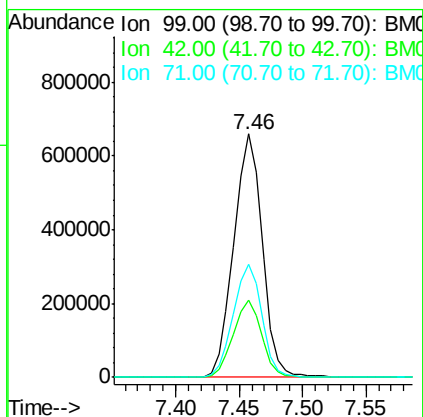
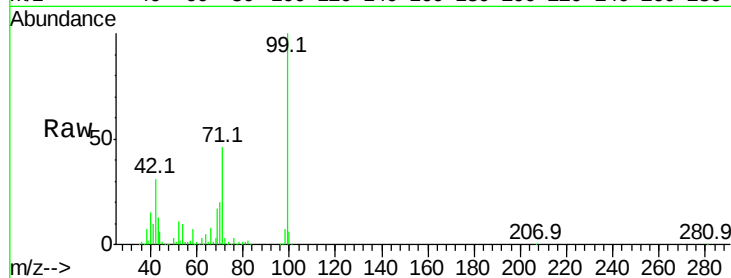
Tot Ion: 99 Resp: 1029047

Ion Ratio Lower Upper

99 100

42 31.5 11.0 16.4#

71 46.5 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.13 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BM015830.D

Acq: 07 Jul 2018 08:38

Tgt Ion: 136 Resp: 413401

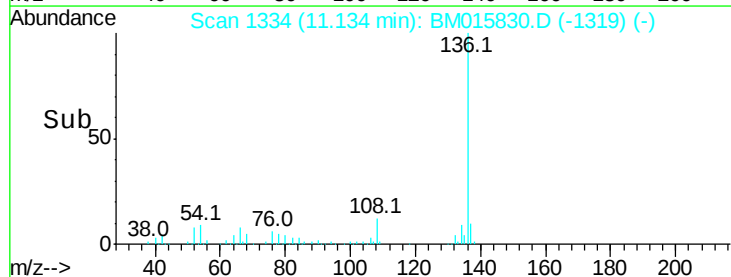
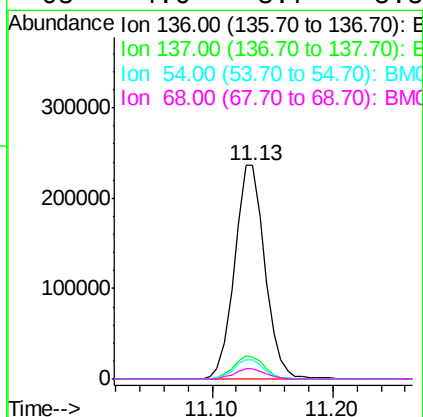
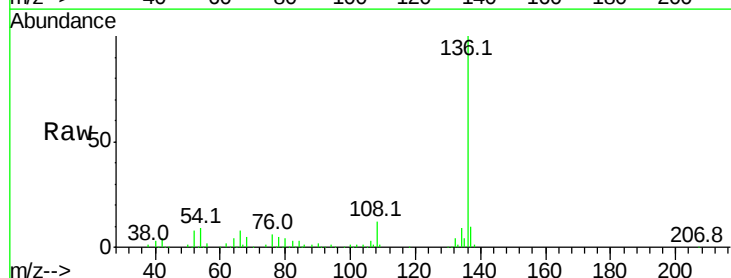
Ion Ratio Lower Upper

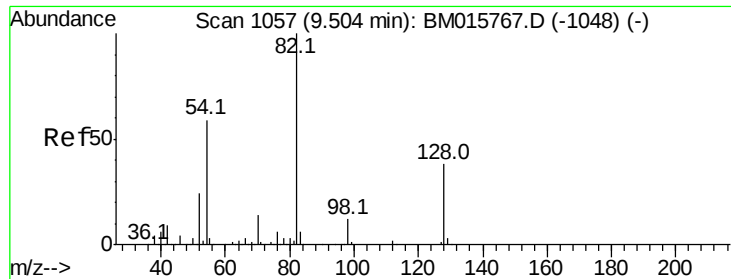
136 100

137 10.4 8.7 13.1

54 9.0 4.6 6.8#

68 4.6 3.7 5.5

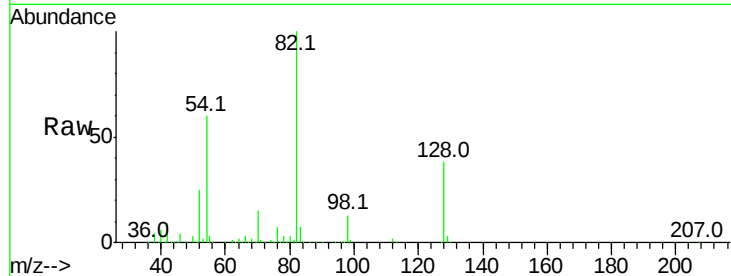




#23
 Nitrobenzene-d5
 Concen: Below na
 RT: 9.49 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BM015830.D
 Acq: 07 Jul 2018 08:38

Instrument :
 BNA_M
 ClientSampleId :
 TP-7-S

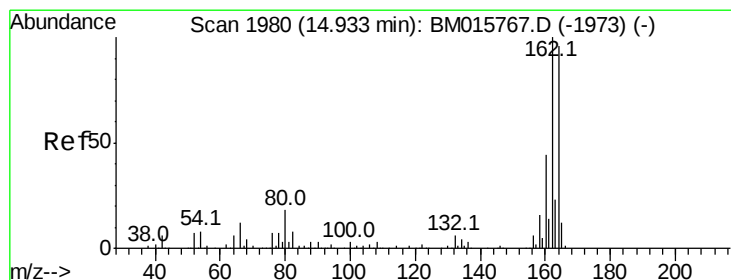
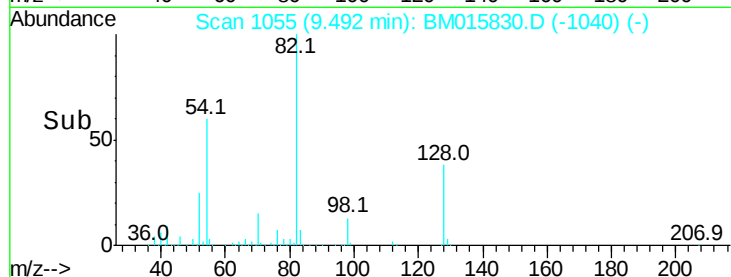
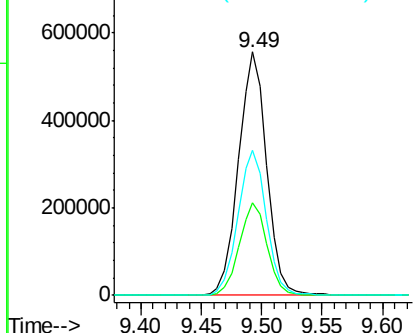
Tot Ion	82	Resp	906144
Ion Ratio	Lower	Upper	
82	100		
128	37.9	32.8	49.2
54	59.6	40.6	60.8



Abundance Ion 82.00 (81.70 to 82.70): BM015767.D (-1048) (-)

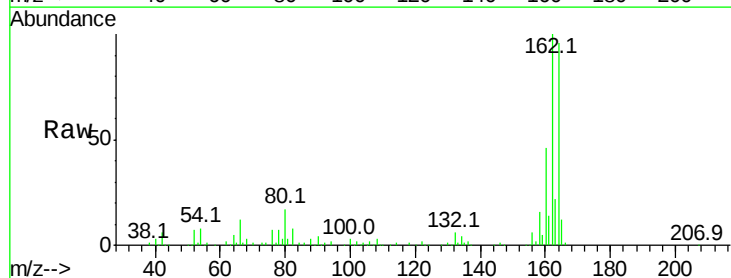
Ion 128.00 (127.70 to 128.70): BM015767.D (-1048) (-)

Ion 54.00 (53.70 to 54.70): BM015767.D (-1048) (-)



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.92 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BM015830.D
 Acq: 07 Jul 2018 08:38

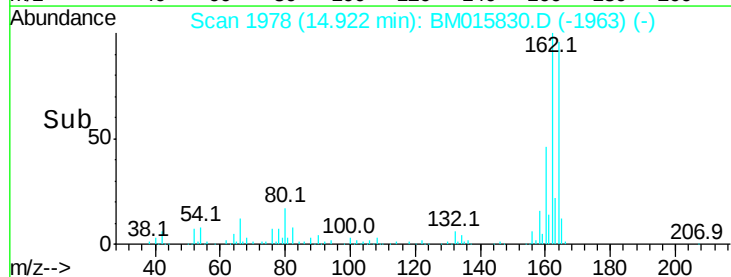
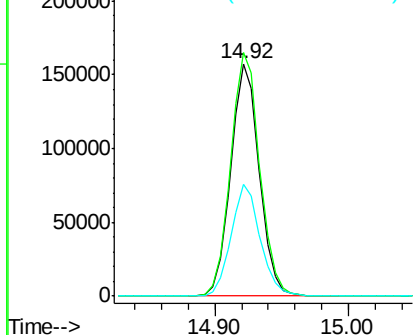
Tgt Ion	164	Resp	234223
Ion Ratio	Lower	Upper	
164	100		
162	104.7	82.4	123.6
160	47.9	35.8	53.6

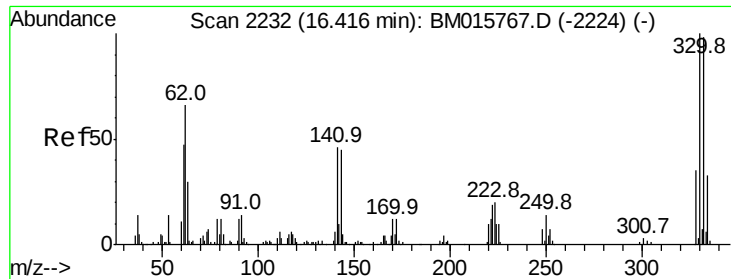


Abundance Ion 164.00 (163.70 to 164.70): BM015767.D (-1973) (-)

Ion 162.00 (161.70 to 162.70): BM015767.D (-1973) (-)

Ion 160.00 (159.70 to 160.70): BM015767.D (-1973) (-)

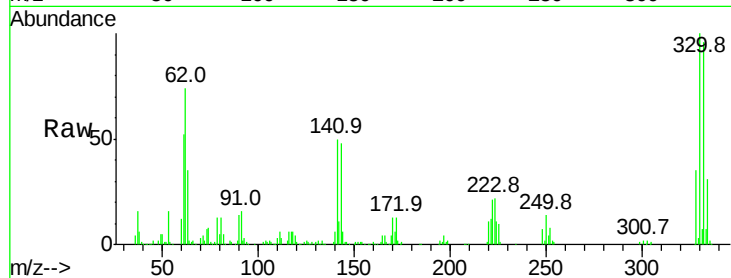




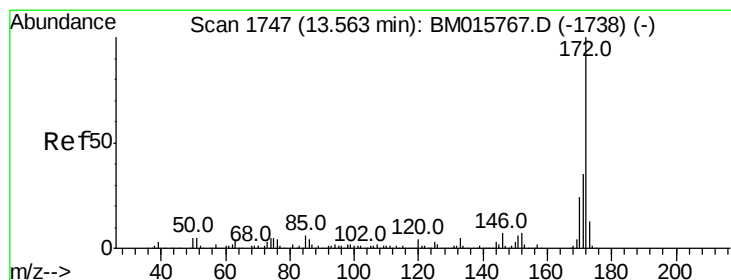
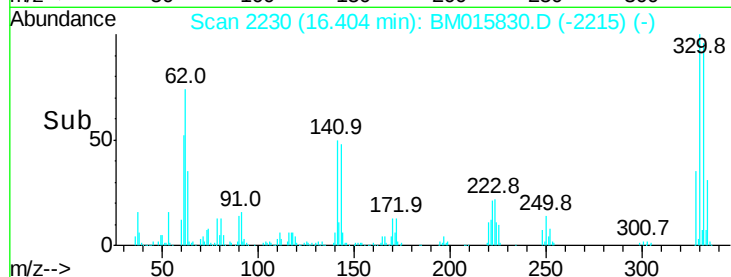
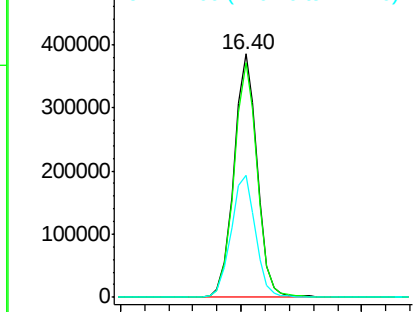
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.40 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BM015830.D
 Acq: 07 Jul 2018 08:38

Instrument :
 BNA_M
 ClientSampled :
 TP-7-S

Tot Ion:330 Resp: 517764
 Ion Ratio Lower Upper
 330 100
 332 96.1 0.0 0.0#
 141 52.6 0.0 0.0#

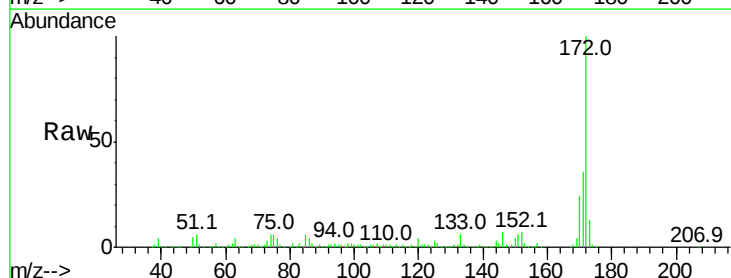


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

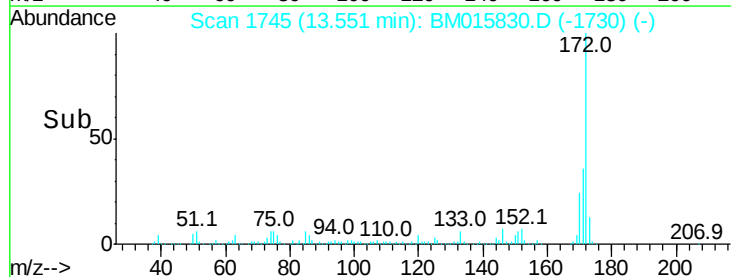
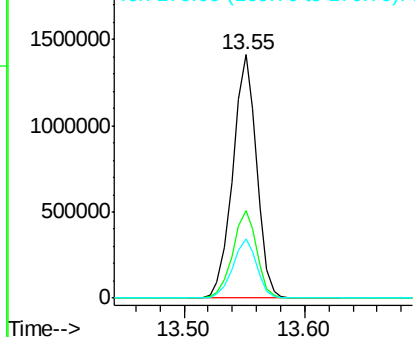


#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.55 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BM015830.D
 Acq: 07 Jul 2018 08:38

Tgt Ion:172 Resp: 1940176
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.5 42.7
 170 24.3 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

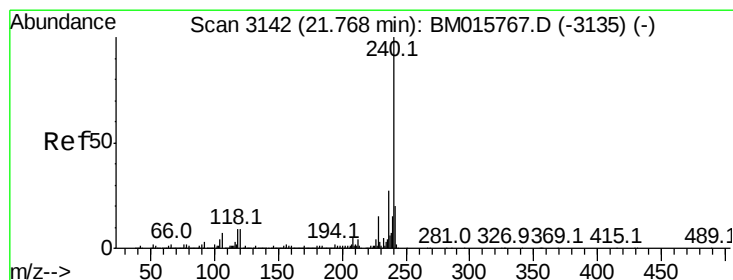
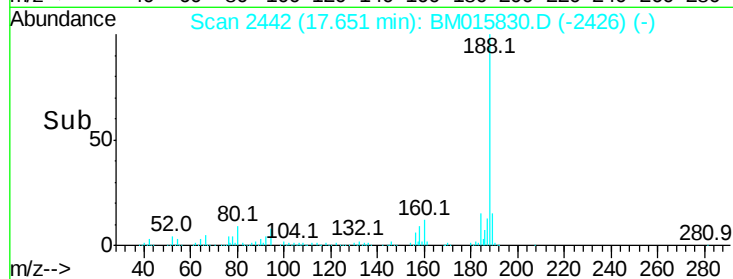
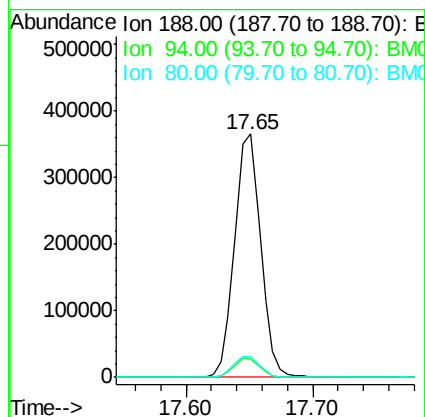
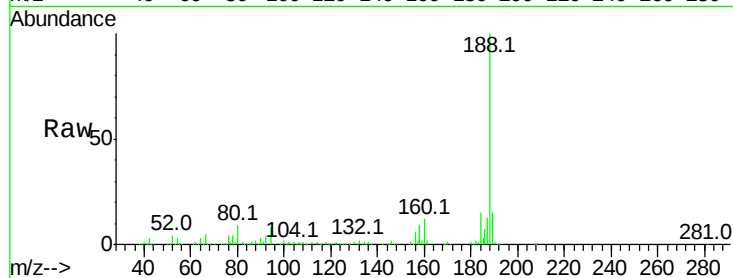




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.65 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BM015830.D
Acq: 07 Jul 2018 08:38

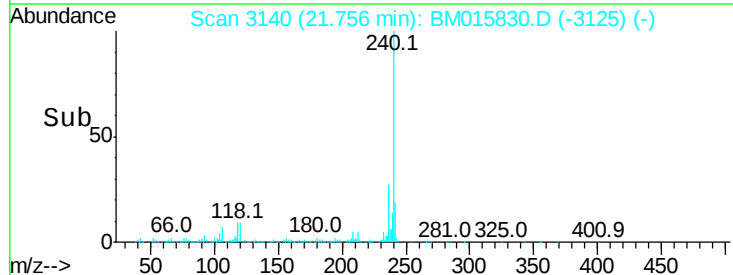
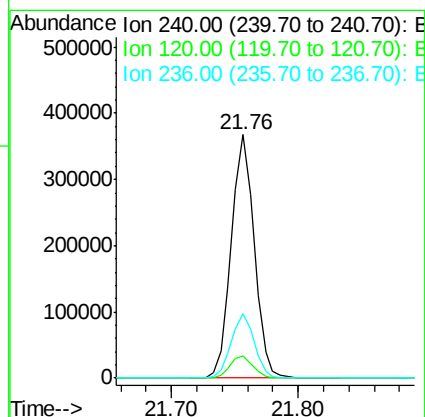
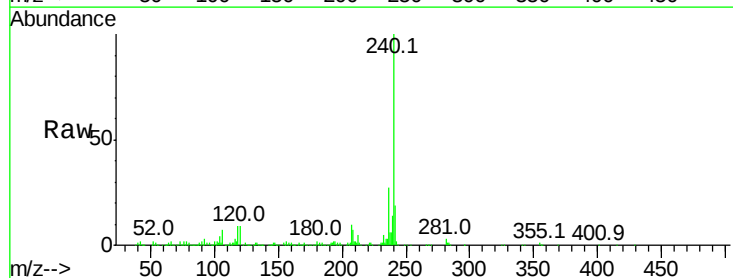
Instrument :
BNA_M
ClientSampled :
TP-7-S

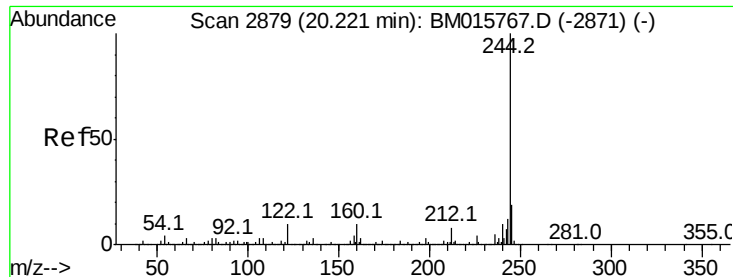
Tot Ion:188 Resp: 519443
Ion Ratio Lower Upper
188 100
94 7.5 8.7 13.1#
80 8.5 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BM015830.D
Acq: 07 Jul 2018 08:38

Tgt Ion:240 Resp: 459374
Ion Ratio Lower Upper
240 100
120 8.9 8.2 12.2
236 26.5 20.0 30.0





#78

Terphenyl-d14

Concen: Below na

RT: 20.22 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BM015830.D

Acq: 07 Jul 2018 08:38

Instrument :

BNA_M

ClientSampleId :

TP-7-S

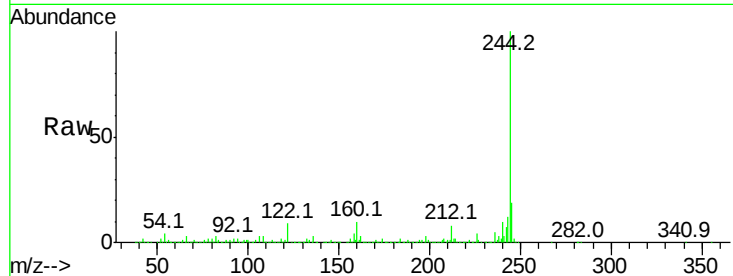
Tot Ion:244 Resp: 3306719

Ion Ratio Lower Upper

244 100

212 8.2 4.9 7.3#

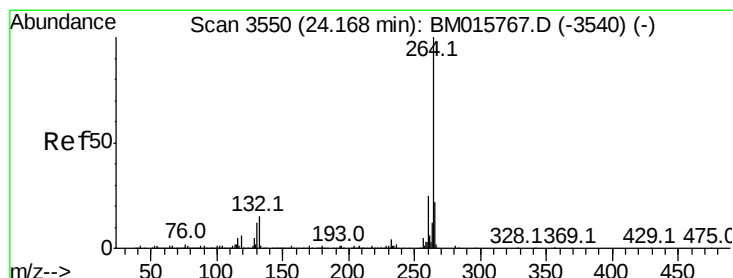
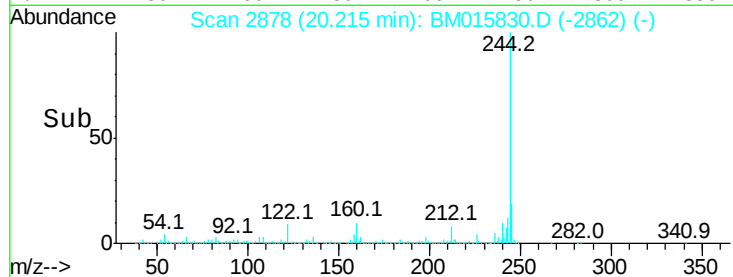
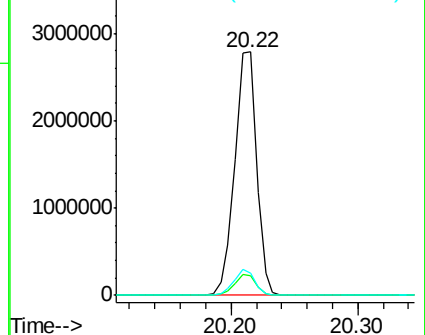
122 9.0 6.2 9.4



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: 24.16 min Scan# 3548

Delta R.T. -0.01 min

Lab File: BM015830.D

Acq: 07 Jul 2018 08:38

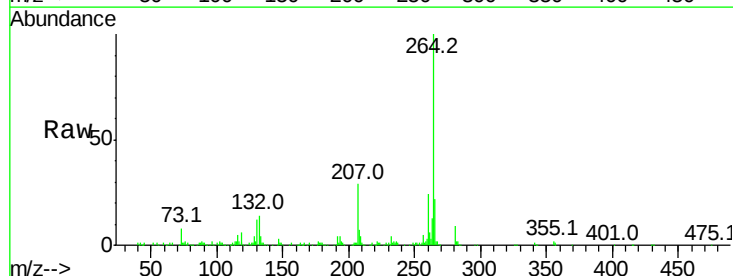
Tgt Ion:264 Resp: 381222

Ion Ratio Lower Upper

264 100

260 24.4 18.6 27.8

265 21.9 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

