

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\
 Data File : BM015775.D
 Acq On : 05 Jul 2018 19:53
 Operator : SJ/JU
 Sample : J3815-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 964

Quant Time: Jul 06 06:48:58 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	8.31	152	120510	20.00	ng	0.00
21) Naphthalene-d8	11.14	136	471191	20.00	ng	0.00
38) Acenaphthene-d10	14.93	164	267994	20.00	ng	0.00
63) Phenanthrene-d10	17.66	188	624492	20.00	ng	0.00
75) Chrysene-d12	21.76	240	644218	20.00	ng	0.00
86) Perylene-d12	24.17	264	565348	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.82	112	939403	133.69	ng	0.00
7) Phenol-d6	7.47	99	1093447	113.66	ng	0.00
23) Nitrobenzene-d5	9.50	82	898284	93.02	ng	0.00
41) 2,4,6-Tribromophenol	16.42	330	562681	160.69	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	1934779	89.63	ng	0.00
78) Terphenyl-d14	20.22	244	3654935	105.23	ng	0.00

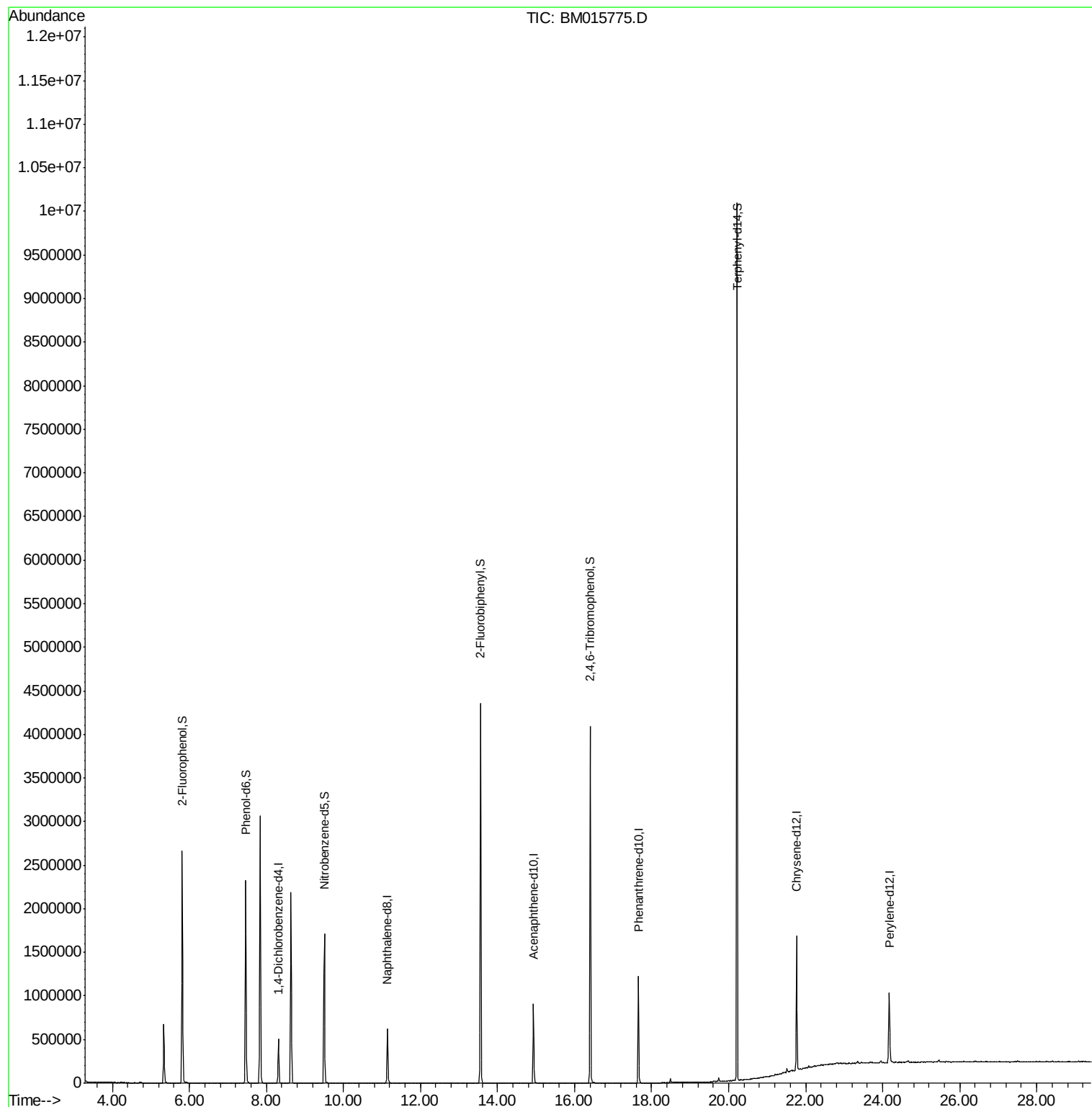
Target Compounds Qvalue

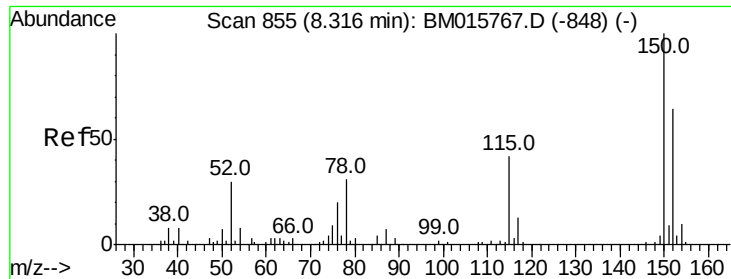
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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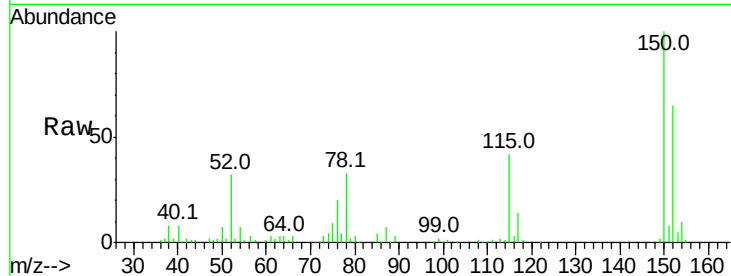


#1

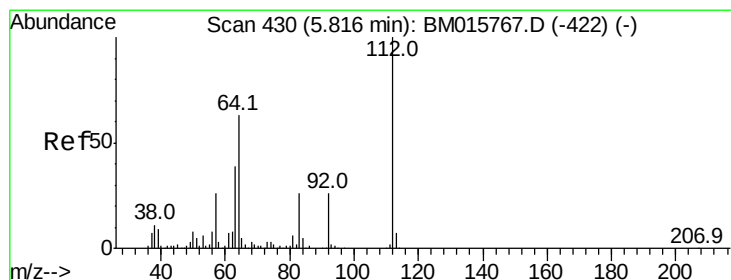
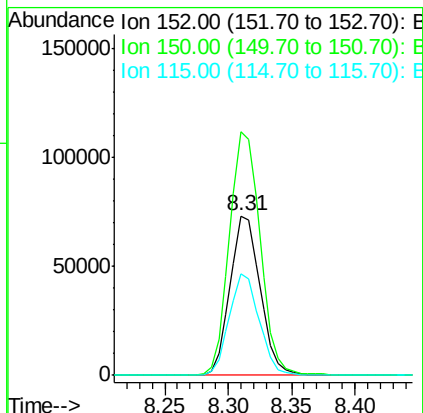
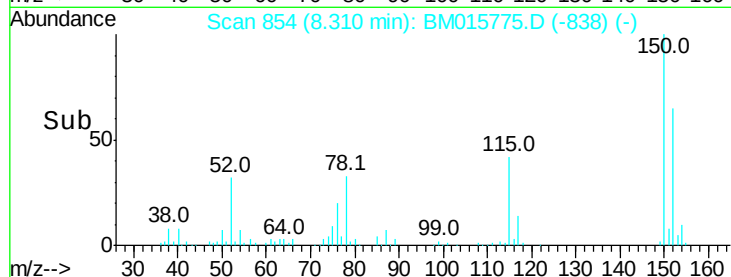
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.31 min Scan# 854
Delta R.T. -0.01 min
Lab File: BM015775.D
Acq: 05 Jul 2018 19:53

Instrument :
BNA_M
ClientSampled :
964

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	119.5	179.3
115	63.6	43.0	64.4



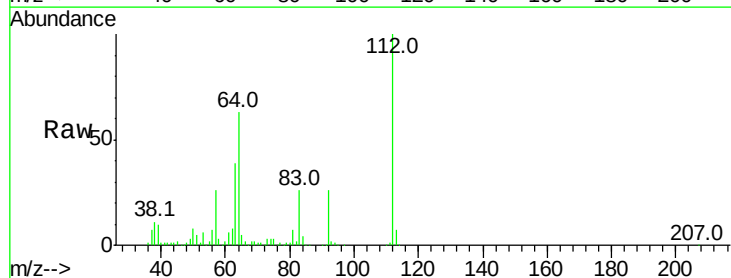
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



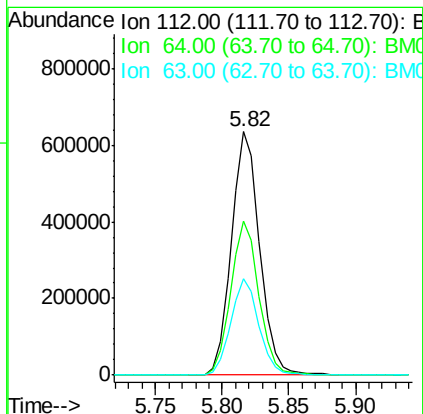
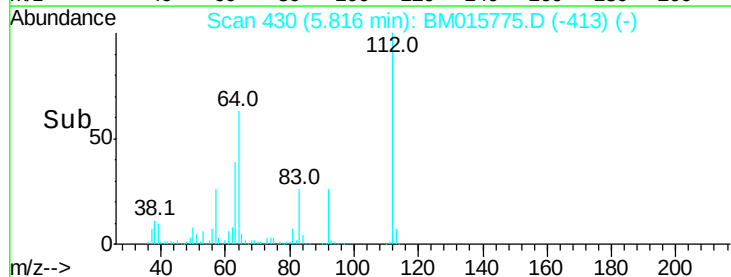
#5

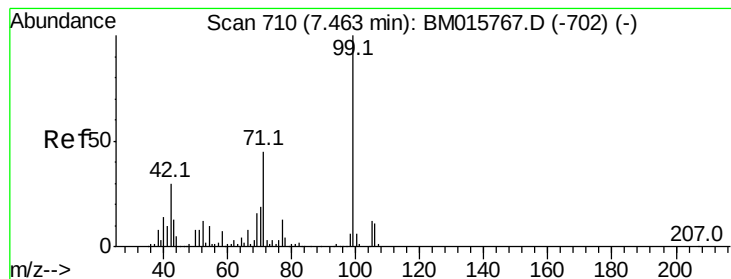
2-Fluorophenol
Concen: Below ng
RT: 5.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BM015775.D
Acq: 05 Jul 2018 19:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	38.6	57.8#
63	39.4	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: 7.47 min Scan# 711

Delta R.T. 0.01 min

Lab File: BM015775.D

Acq: 05 Jul 2018 19:53

Instrument :

BNA_M

ClientSampleId :

964

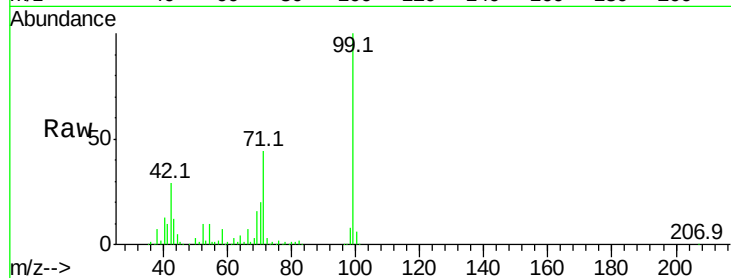
Tot Ion: 99 Resp: 1093447

Ion Ratio Lower Upper

99 100

42 29.0 11.0 16.4#

71 44.3 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) (-)

7.47

800000

600000

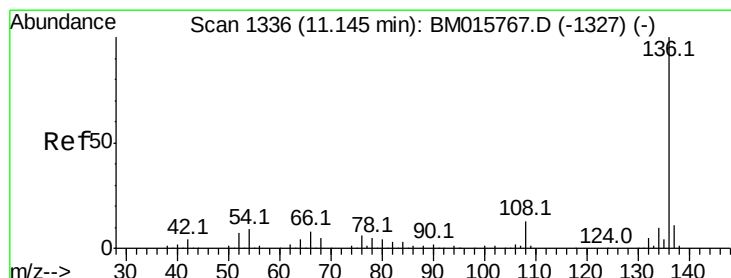
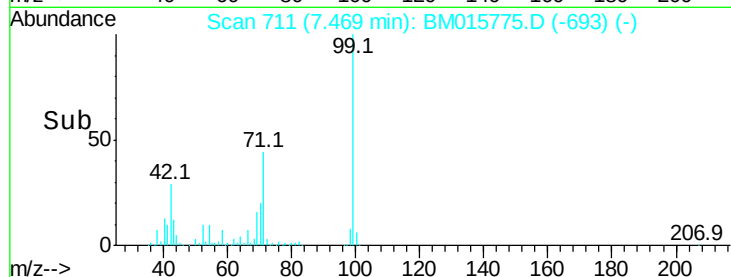
400000

200000

0

7.40 7.45 7.50 7.55

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.14 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BM015775.D

Acq: 05 Jul 2018 19:53

Tgt Ion: 136 Resp: 471191

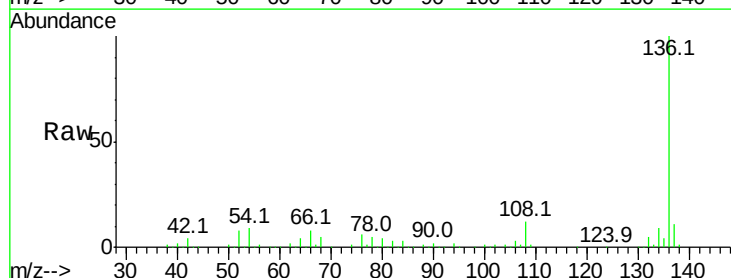
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 8.7 4.6 6.8#

68 5.3 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) (-)

11.14

400000

300000

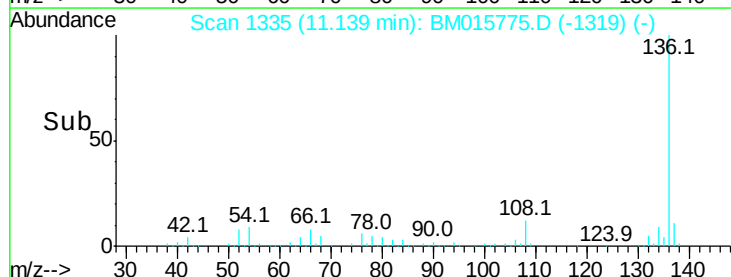
200000

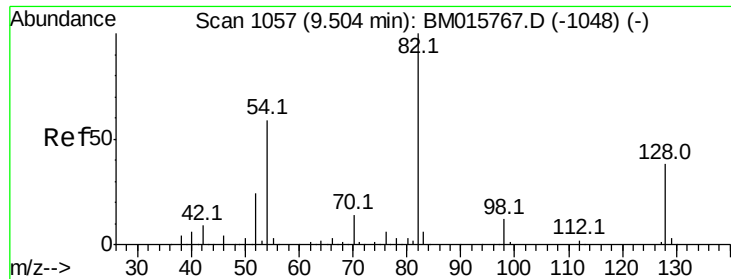
100000

0

11.10 11.20

Time-->

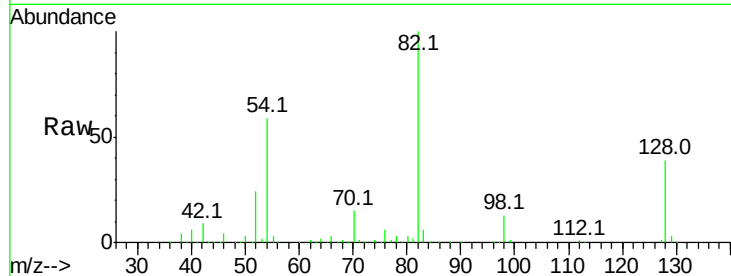




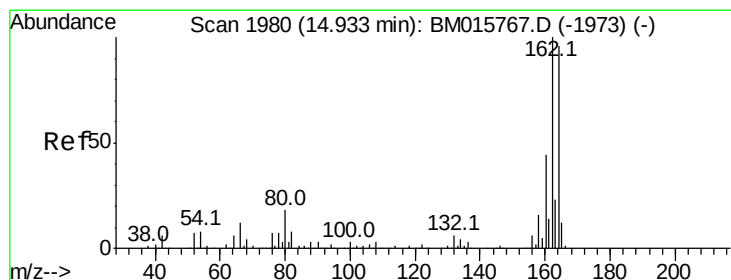
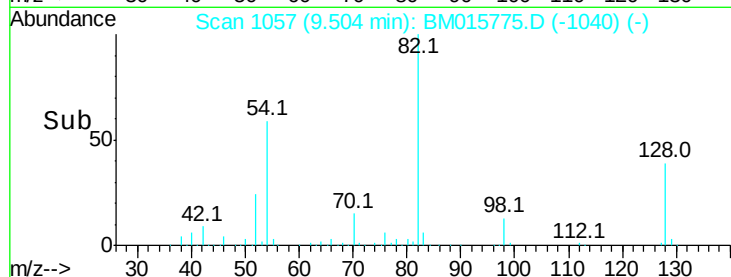
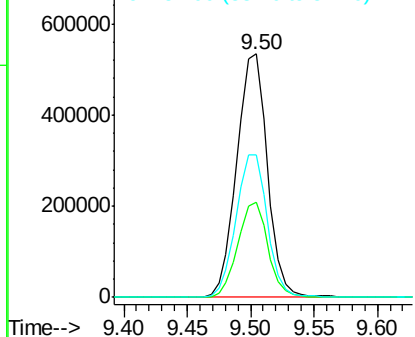
#23
Nitrobenzene-d5
Concen: Below na
RT: 9.50 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BM015775.D
Acq: 05 Jul 2018 19:53

Instrument :
BNA_M
ClientSampled :
964

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.9	32.8	49.2
54	58.7	40.6	60.8

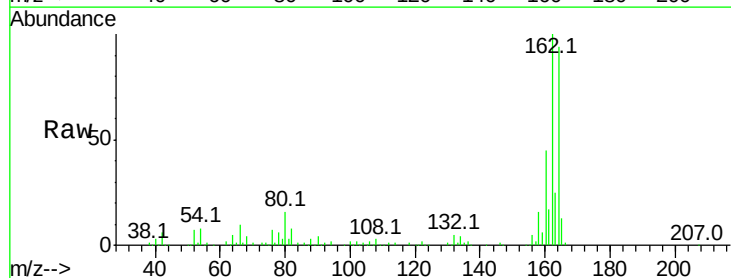


Abundance Ion 82.00 (81.70 to 82.70): BM015767.D (-1048) (-)
Ion 128.00 (127.70 to 128.70): BM015767.D (-1048) (-)
Ion 54.00 (53.70 to 54.70): BM015767.D (-1048) (-)

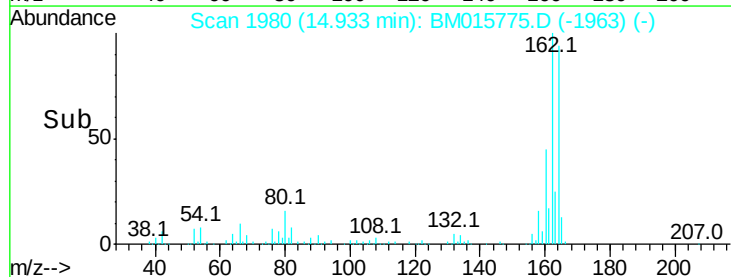
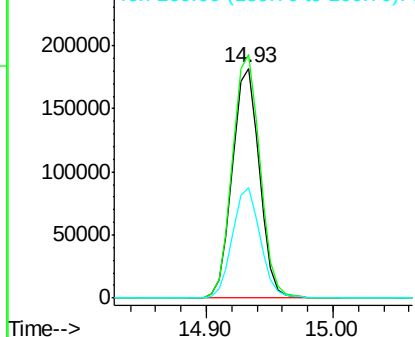


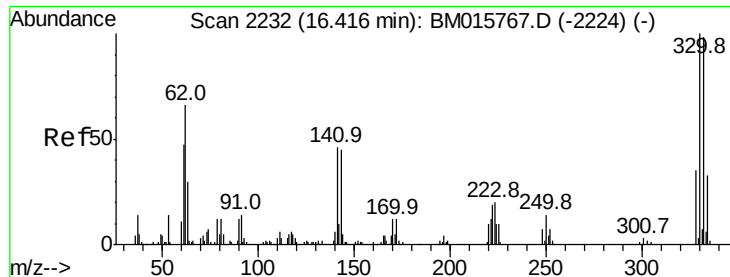
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.93 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BM015775.D
Acq: 05 Jul 2018 19:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.9	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) (-)

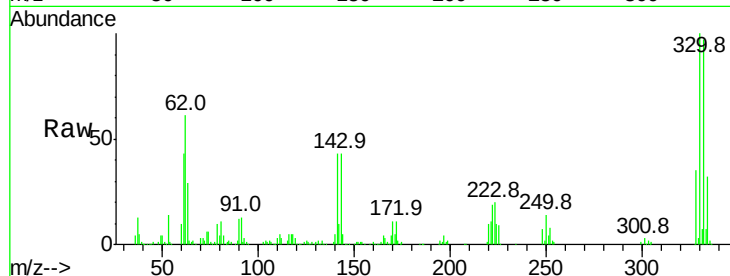




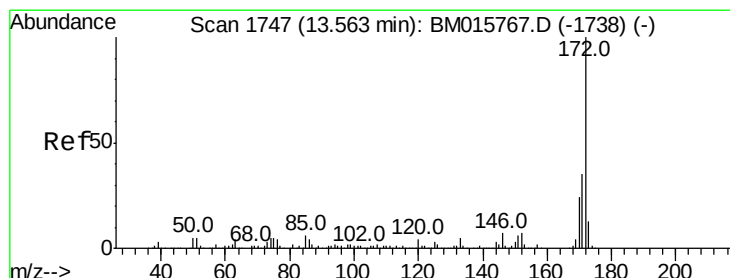
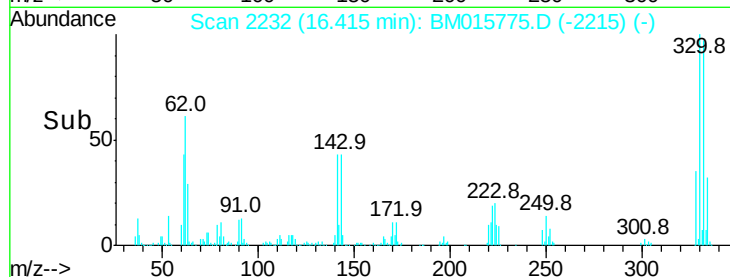
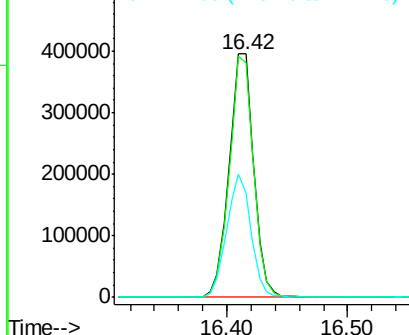
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.42 min Scan# 2232
 Delta R.T. -0.00 min
 Lab File: BM015775.D
 Acq: 05 Jul 2018 19:53

Instrument :
 BNA_M
 ClientSampleID :
 964

Tot Ion:330 Resp: 562681
 Ion Ratio Lower Upper
 330 100
 332 97.1 0.0 0.0#
 141 49.8 0.0 0.0#

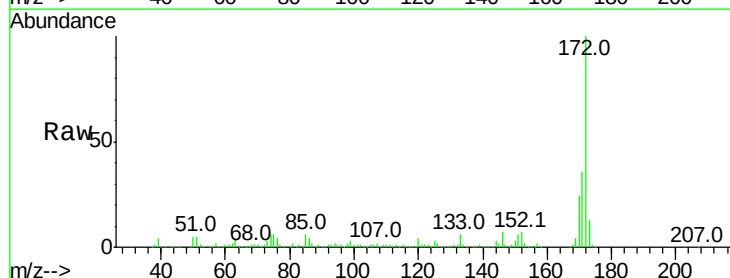


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

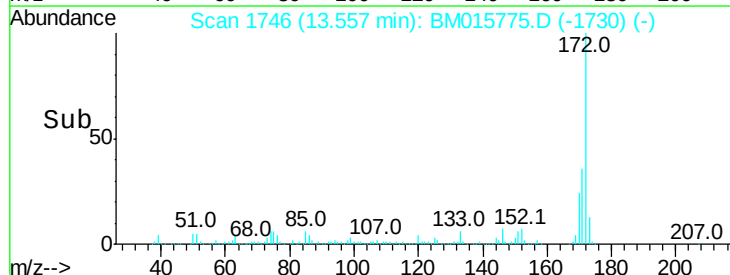
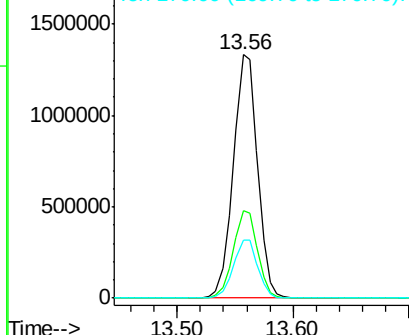


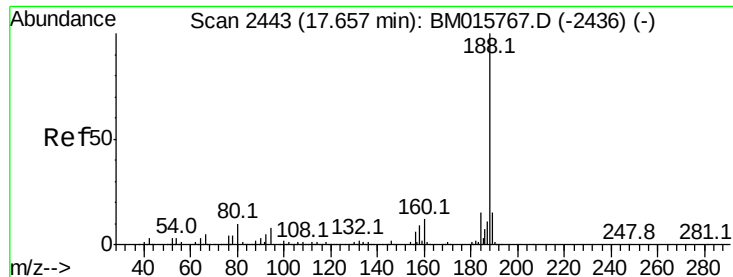
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.56 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BM015775.D
 Acq: 05 Jul 2018 19:53

Tgt Ion:172 Resp: 1934779
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.5 42.7
 170 23.7 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

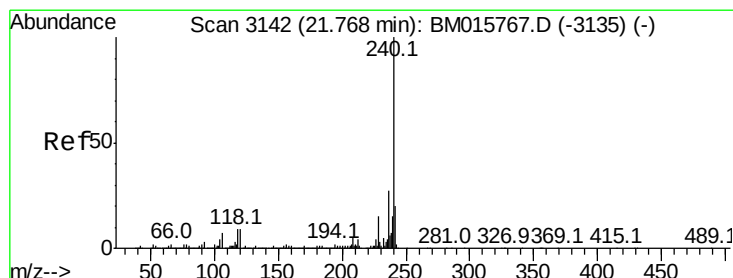
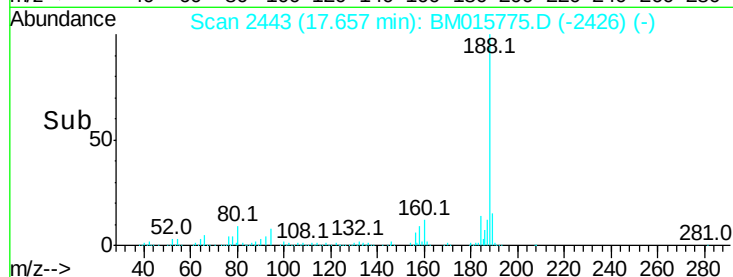
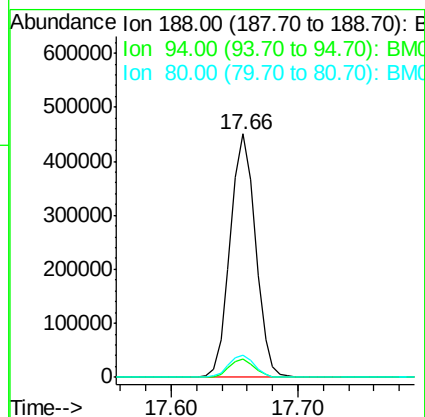
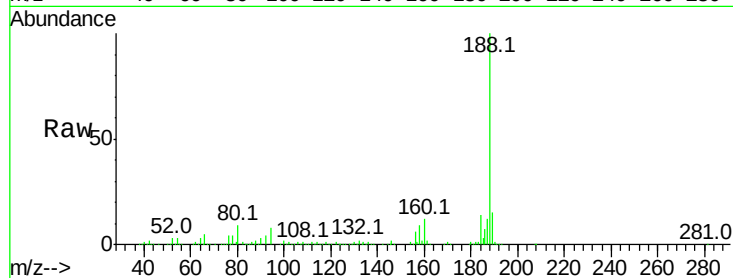




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.66 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BM015775.D
Acq: 05 Jul 2018 19:53

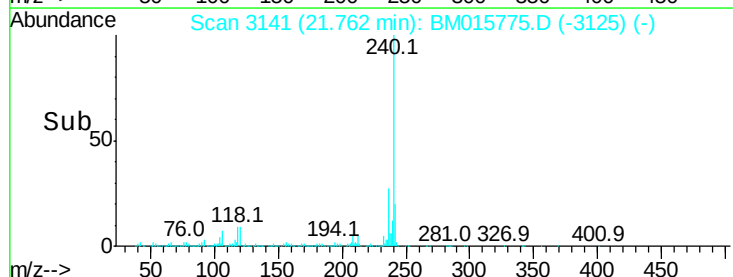
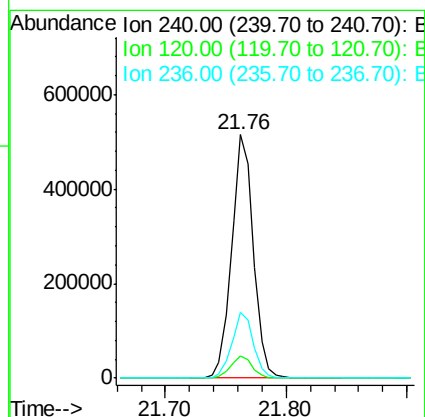
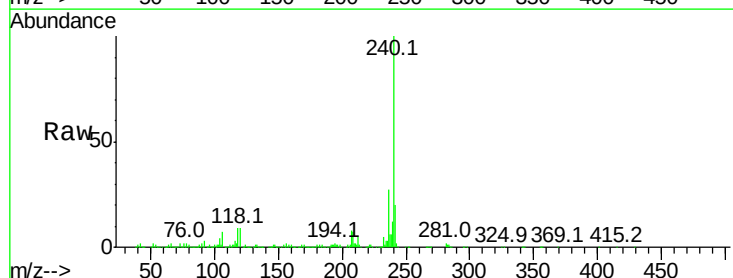
Instrument :
BNA_M
ClientSampleId :
964

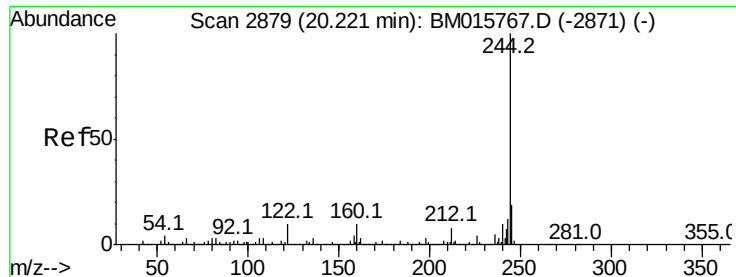
Tot Ion:188 Resp: 624492
Ion Ratio Lower Upper
188 100
94 7.6 8.7 13.1#
80 9.1 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BM015775.D
Acq: 05 Jul 2018 19:53

Tgt Ion:240 Resp: 644218
Ion Ratio Lower Upper
240 100
120 9.3 8.2 12.2
236 27.1 20.0 30.0





#78

Terphenyl-d14

Concen: Below na

RT: 20.22 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BM015775.D

Acq: 05 Jul 2018 19:53

Instrument :

BNA_M

ClientSampled :

964

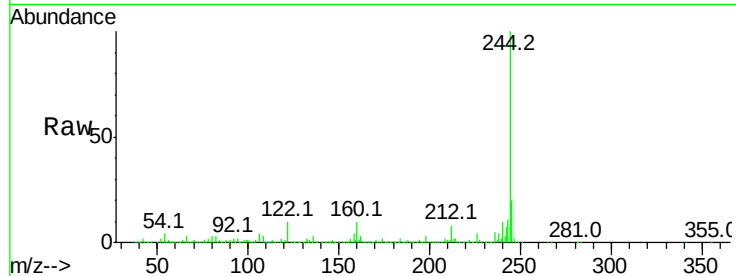
Tot Ion:244 Resp: 3654935

Ion Ratio Lower Upper

244 100

212 8.2 4.9 7.3#

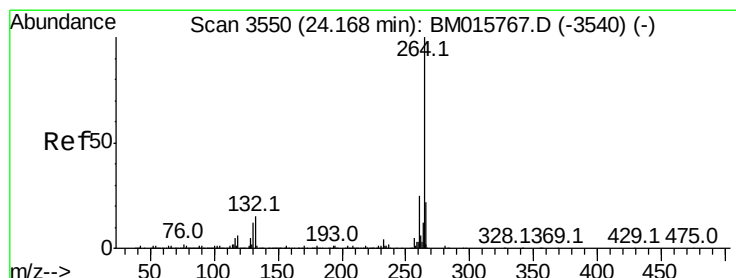
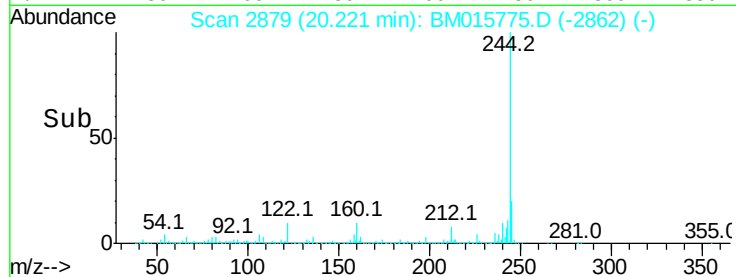
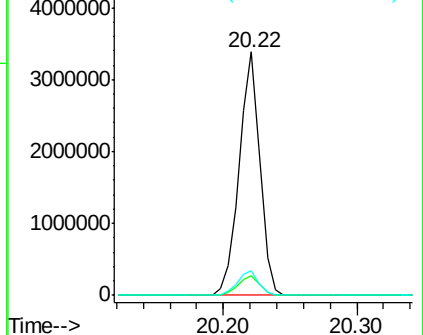
122 10.0 6.2 9.4#



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: 24.17 min Scan# 3550

Delta R.T. -0.00 min

Lab File: BM015775.D

Acq: 05 Jul 2018 19:53

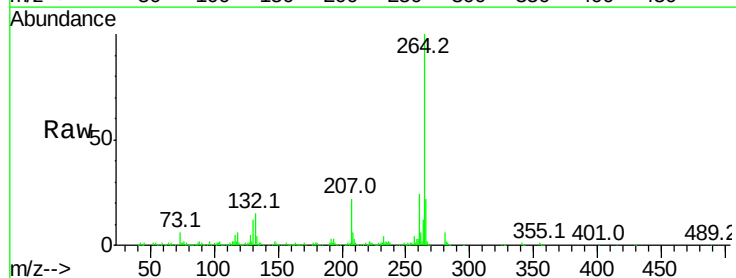
Tgt Ion:264 Resp: 565348

Ion Ratio Lower Upper

264 100

260 24.5 18.6 27.8

265 22.2 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

