

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071218\
 Data File : BM015927.D
 Acq On : 12 Jul 2018 22:33
 Operator : SJ/JU
 Sample : J3951-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 071018-TIPC-E-D-M

Quant Time: Jul 13 00:58:31 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	8.29	152	82857	20.00	ng	-0.03
21) Naphthalene-d8	11.12	136	324362	20.00	ng	-0.03
38) Acenaphthene-d10	14.91	164	172225	20.00	ng	-0.02
63) Phenanthrene-d10	17.63	188	357224	20.00	ng	-0.02
75) Chrysene-d12	21.74	240	341609	20.00	ng	-0.02
86) Perylene-d12	24.14	264	355242	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	225790	46.73	ng	-0.02
7) Phenol-d6	7.44	99	168872	25.53	ng	-0.02
23) Nitrobenzene-d5	9.47	82	731160	109.98	ng	-0.03
41) 2,4,6-Tribromophenol	16.39	330	221917	98.61	ng	-0.03
44) 2-Fluorobiphenyl	13.53	172	1373401	99.00	ng	-0.03
78) Terphenyl-d14	20.20	244	2080636	112.97	ng	-0.02

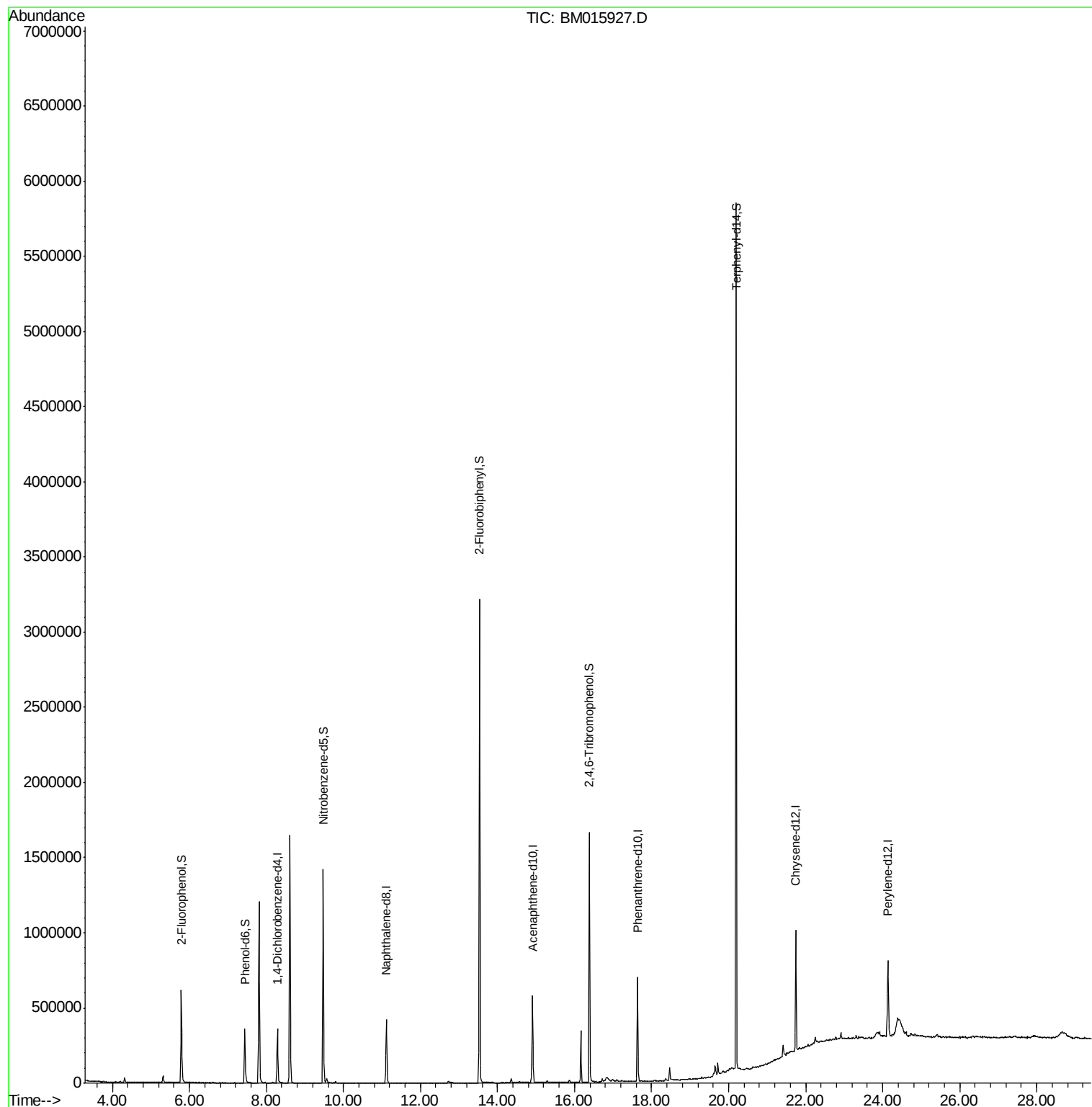
Target Compounds Qvalue

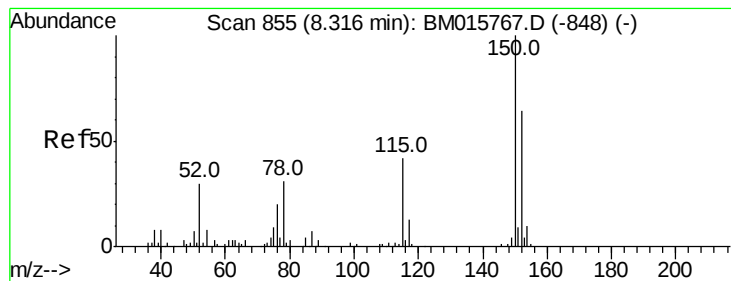
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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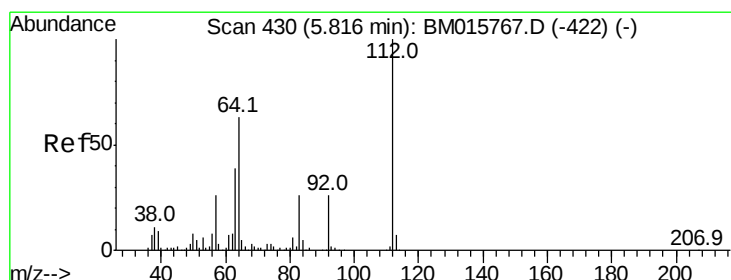
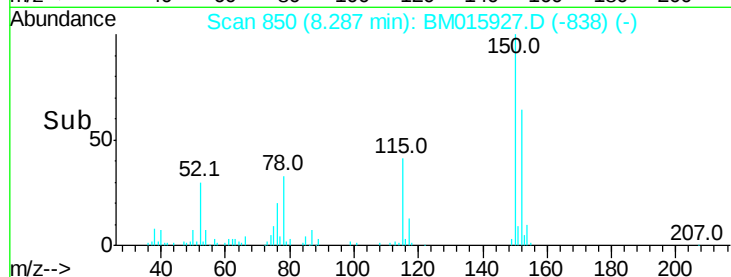
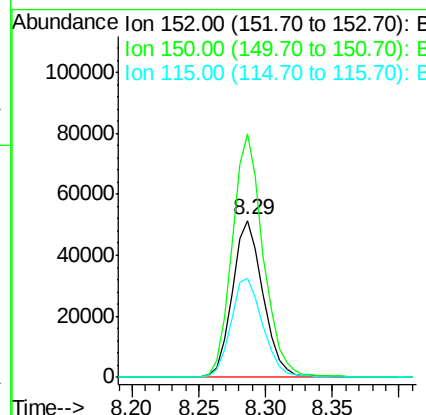
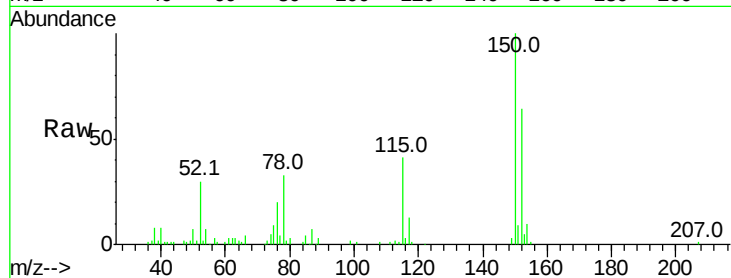


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 850
Delta R.T. -0.03 min
Lab File: BM015927.D
Acq: 12 Jul 2018 22:33

Instrument :
BNA_M
ClientSampleId :
071018-TIPC-E-D-M

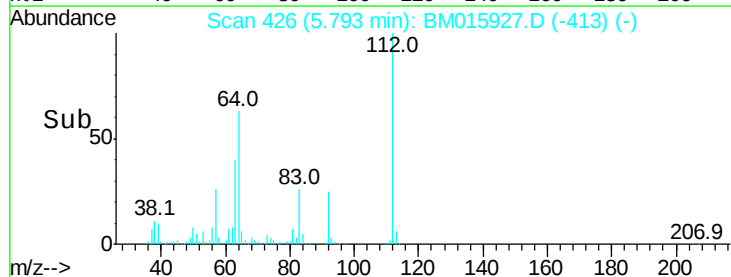
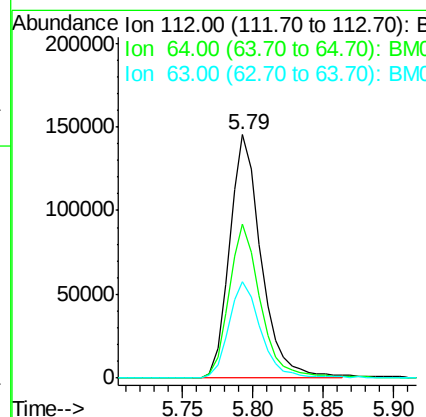
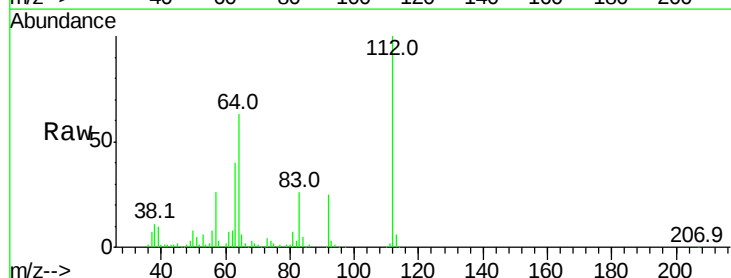
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	119.5	179.3
115	63.5	43.0	64.4



#5

2-Fluorophenol
Concen: Below ng
RT: 5.79 min Scan# 426
Delta R.T. -0.02 min
Lab File: BM015927.D
Acq: 12 Jul 2018 22:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	38.6	57.8#
63	39.8	19.3	28.9#





#7

Phenol-d6

Concen: N.D. ng

RT: 7.44 min Scan# 706

Delta R.T. -0.02 min

Lab File: BM015927.D

Acq: 12 Jul 2018 22:33

Instrument :

BNA_M

ClientSampleId :

071018-TIPC-E-D-M

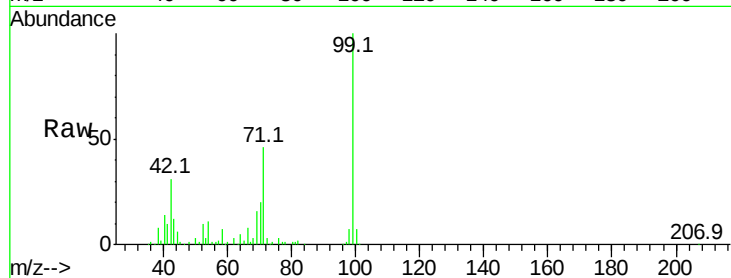
Tot Ion: 99 Resp: 168872

Ion Ratio Lower Upper

99 100

42 30.6 11.0 16.4#

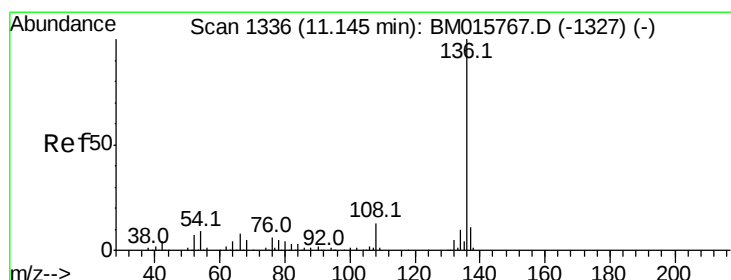
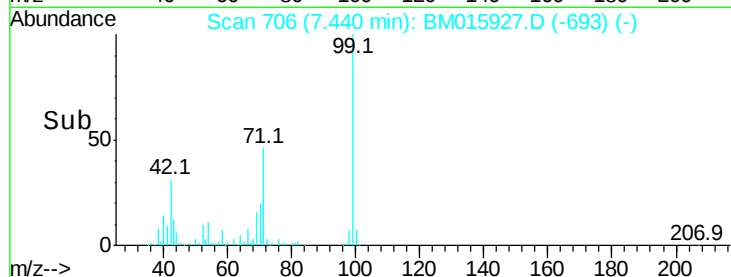
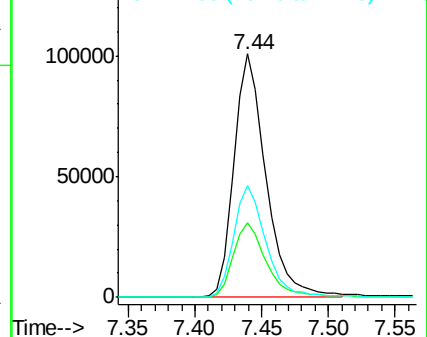
71 45.9 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM015927.D (-693) (-)

Ion 42.00 (41.70 to 42.70): BM015927.D (-693) (-)

Ion 71.00 (70.70 to 71.70): BM015927.D (-693) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.12 min Scan# 1331

Delta R.T. -0.03 min

Lab File: BM015927.D

Acq: 12 Jul 2018 22:33

Tgt Ion: 136 Resp: 324362

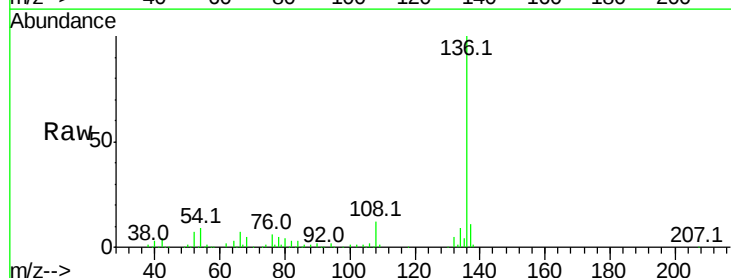
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 8.5 4.6 6.8#

68 5.2 3.7 5.5

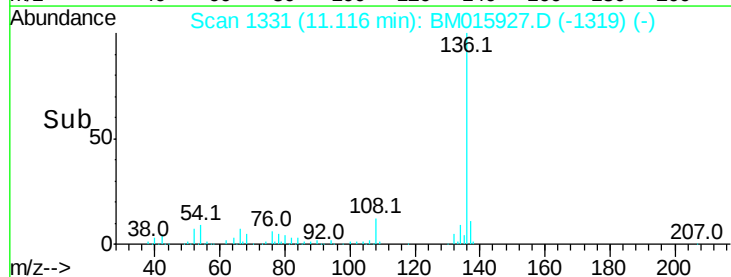
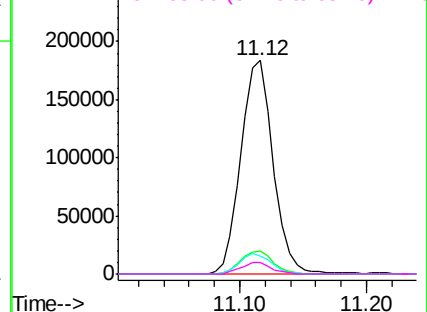


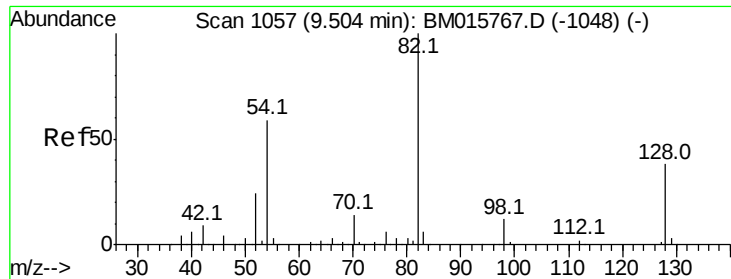
Abundance Ion 136.00 (135.70 to 136.70): BM015927.D (-1319) (-)

Ion 137.00 (136.70 to 137.70): BM015927.D (-1319) (-)

Ion 54.00 (53.70 to 54.70): BM015927.D (-1319) (-)

Ion 68.00 (67.70 to 68.70): BM015927.D (-1319) (-)

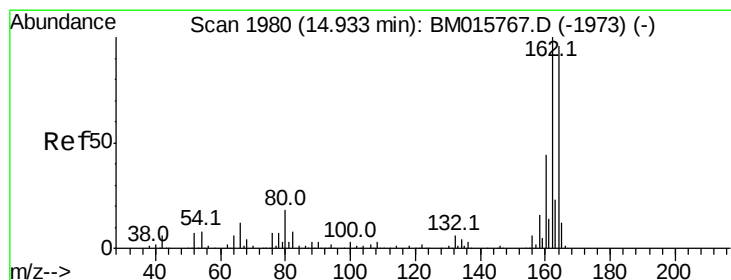
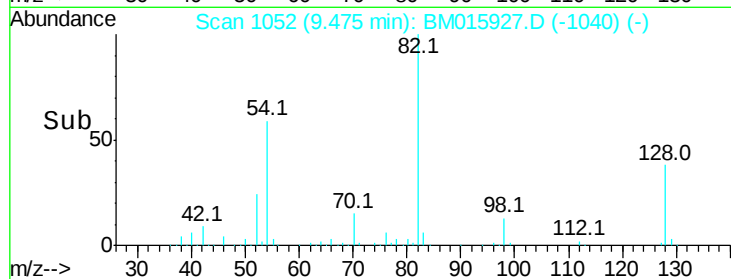
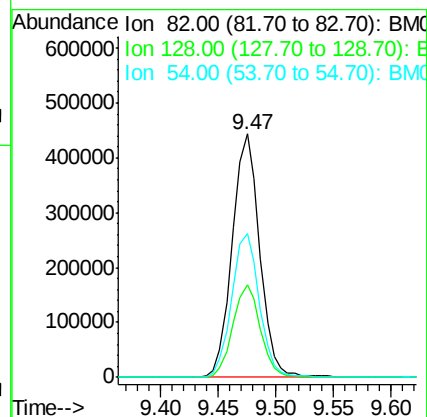
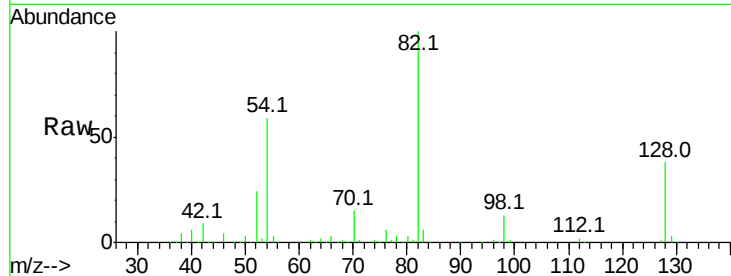




#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.47 min Scan# 1052
Delta R.T. -0.03 min
Lab File: BM015927.D
Acq: 12 Jul 2018 22:33

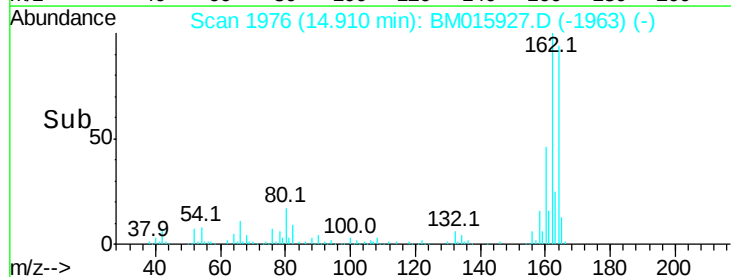
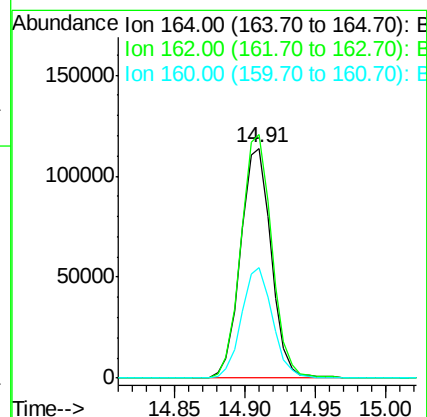
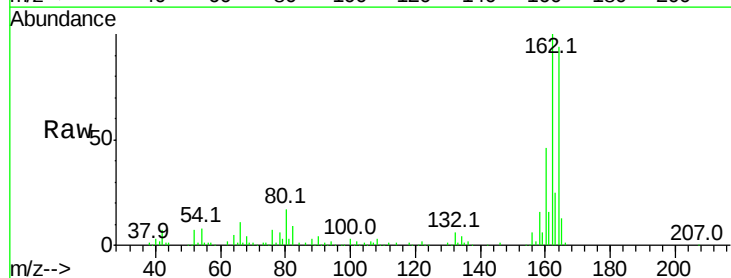
Instrument :
BNA_M
ClientSampleId :
071018-TIPC-E-D-M

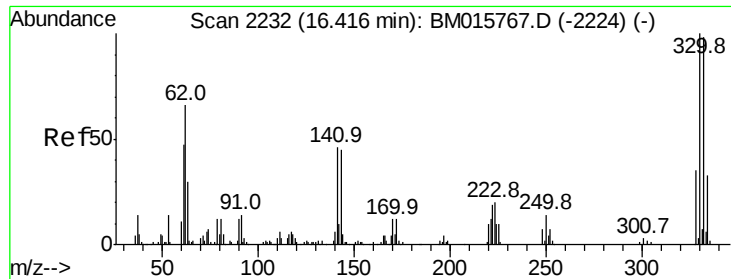
Tot Ion: 82 Resp: 731160
Ion Ratio Lower Upper
82 100
128 37.8 32.8 49.2
54 59.0 40.6 60.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.91 min Scan# 1976
Delta R.T. -0.02 min
Lab File: BM015927.D
Acq: 12 Jul 2018 22:33

Tgt Ion: 164 Resp: 172225
Ion Ratio Lower Upper
164 100
162 105.9 82.4 123.6
160 48.2 35.8 53.6

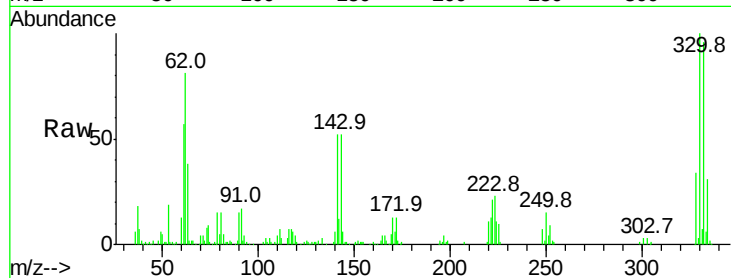




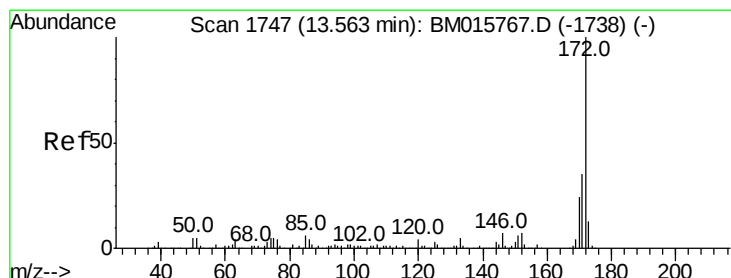
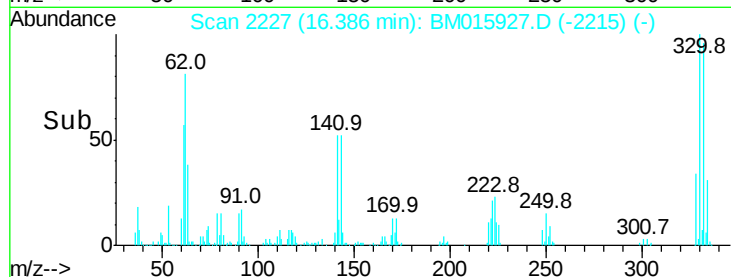
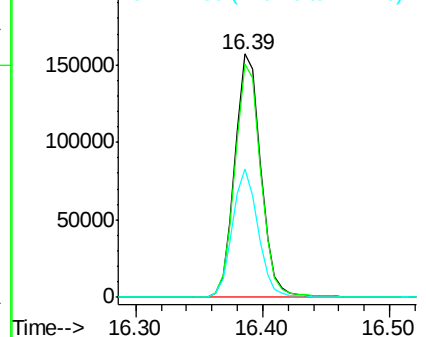
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.39 min Scan# 2227
 Delta R.T. -0.03 min
 Lab File: BM015927.D
 Acq: 12 Jul 2018 22:33

Instrument :
 BNA_M
 ClientSampleId :
 071018-TIPC-E-D-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	52.3	0.0	0.0#

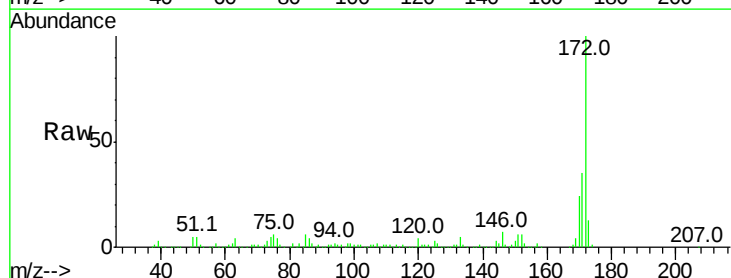


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

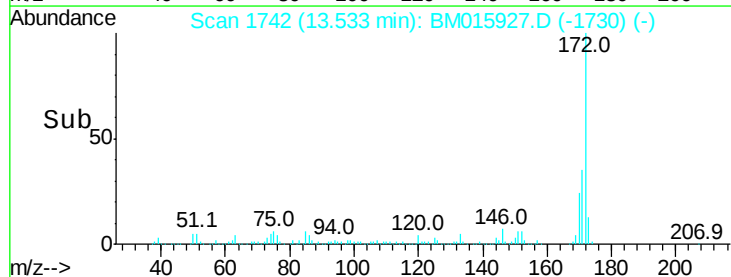
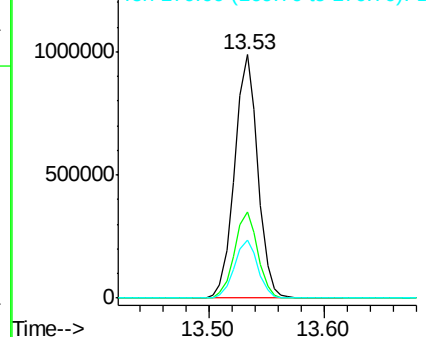


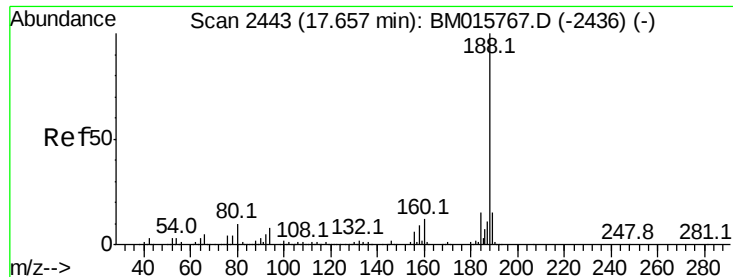
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.53 min Scan# 1742
 Delta R.T. -0.03 min
 Lab File: BM015927.D
 Acq: 12 Jul 2018 22:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	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

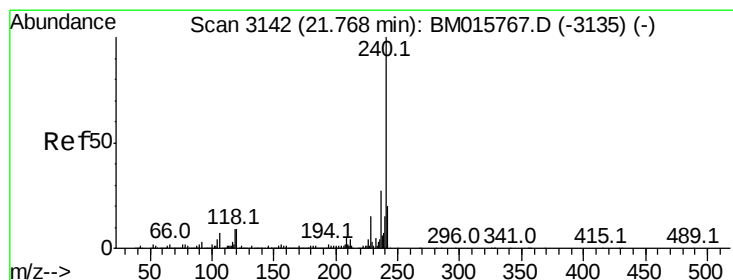
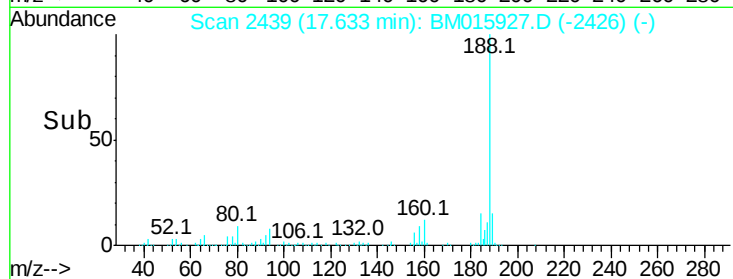
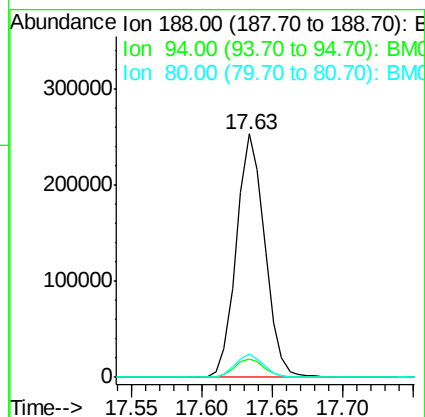
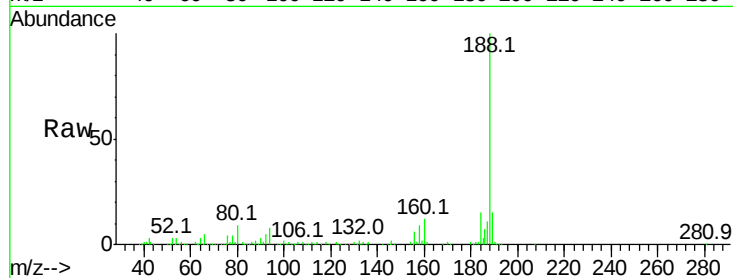




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.63 min Scan# 2439
 Delta R.T. -0.02 min
 Lab File: BM015927.D
 Acq: 12 Jul 2018 22:33

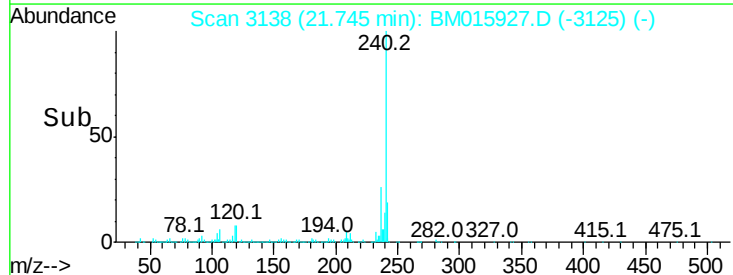
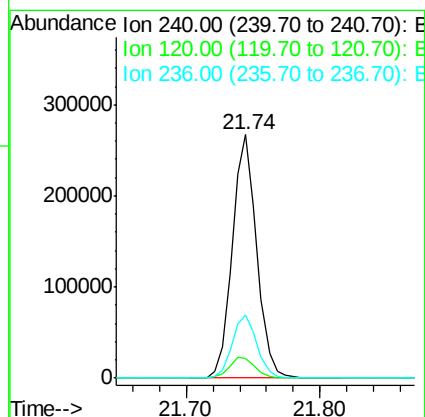
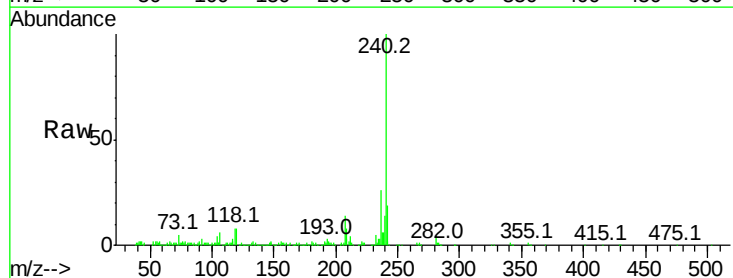
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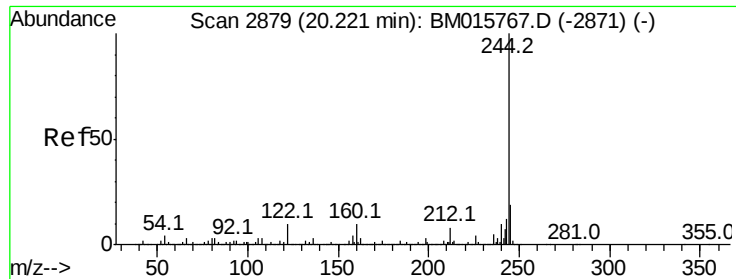
Tot Ion:188 Resp: 357224
 Ion Ratio Lower Upper
 188 100
 94 7.8 8.7 13.1#
 80 9.4 9.3 13.9



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3138
 Delta R.T. -0.02 min
 Lab File: BM015927.D
 Acq: 12 Jul 2018 22:33

Tgt Ion:240 Resp: 341609
 Ion Ratio Lower Upper
 240 100
 120 8.3 8.2 12.2
 236 26.0 20.0 30.0

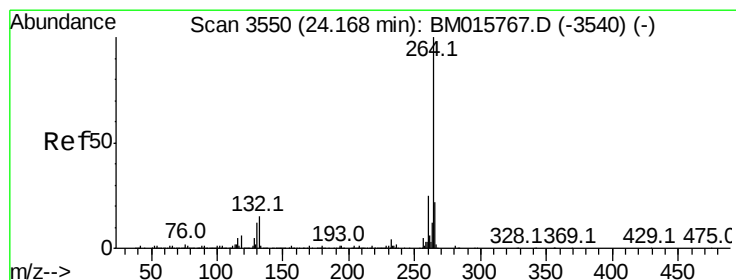
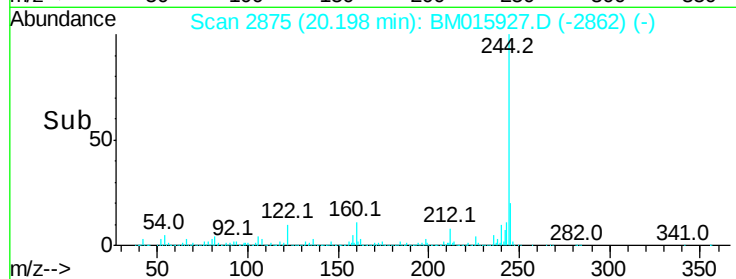
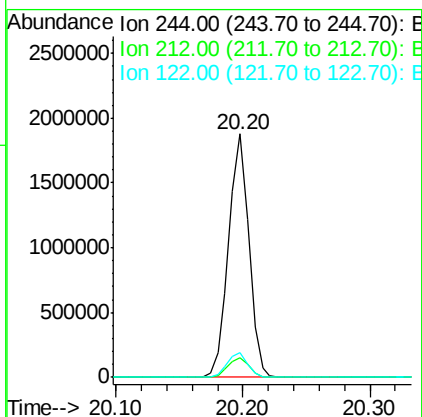
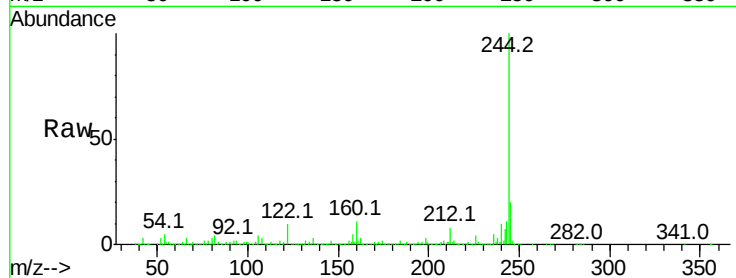




#78
 Terphenyl-d14
 Concen: Below na
 RT: 20.20 min Scan# 2875
 Delta R.T. -0.02 min
 Lab File: BM015927.D
 Acq: 12 Jul 2018 22:33

Instrument :
 BNA_M
 ClientSampleId :
 071018-TIPC-E-D-M

Tot Ion:244 Resp: 2080636
 Ion Ratio Lower Upper
 244 100
 212 8.3 4.9 7.3#
 122 10.1 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.14 min Scan# 3545
 Delta R.T. -0.03 min
 Lab File: BM015927.D
 Acq: 12 Jul 2018 22:33

Tgt Ion:264 Resp: 355242
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.6 27.8
 265 22.0 17.3 25.9

