

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071118\
 Data File : BM015895.D
 Acq On : 11 Jul 2018 19:00
 Operator : SJ/JU
 Sample : J3828-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 12 03:50:54 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	78427	20.00	ng	-0.02
21) Naphthalene-d8	11.12	136	293216	20.00	ng	-0.02
38) Acenaphthene-d10	14.91	164	148243	20.00	ng	-0.02
63) Phenanthrene-d10	17.64	188	293514	20.00	ng	-0.02
75) Chrysene-d12	21.75	240	255895	20.00	ng	-0.02
86) Perylene-d12	24.15	264	261070	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	755446	165.19	ng	-0.02
7) Phenol-d6	7.45	99	842335	134.55	ng	-0.02
23) Nitrobenzene-d5	9.48	82	736836	122.61	ng	-0.02
41) 2,4,6-Tribromophenol	16.40	330	329911	170.32	ng	-0.02
44) 2-Fluorobiphenyl	13.54	172	1405921	117.74	ng	-0.02
78) Terphenyl-d14	20.20	244	1782747	129.22	ng	-0.02

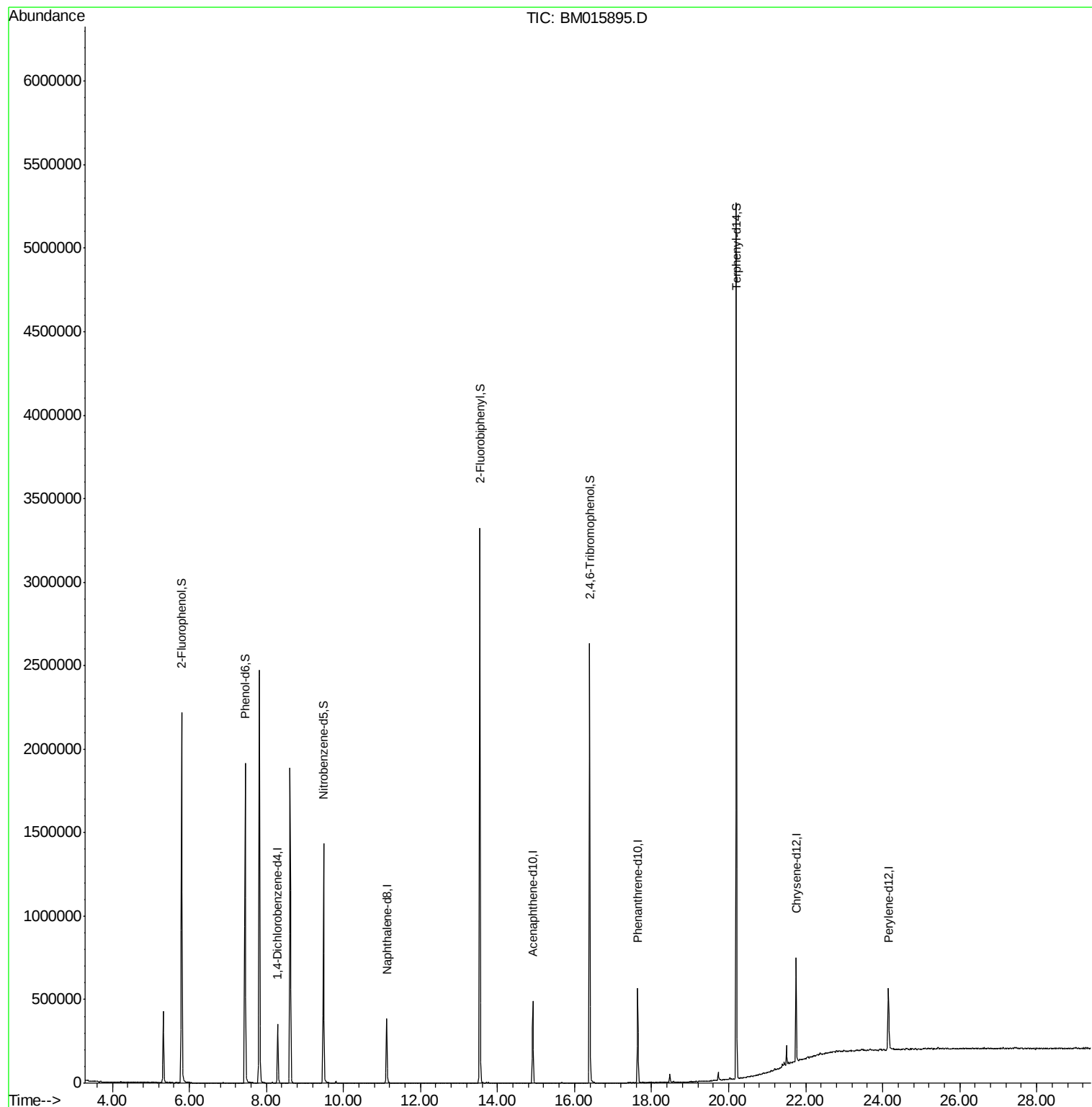
Target Compounds Qvalue

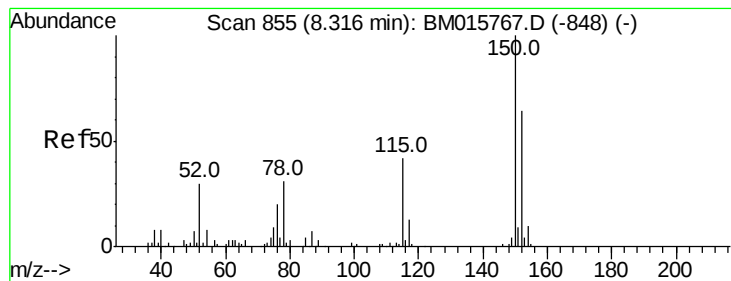
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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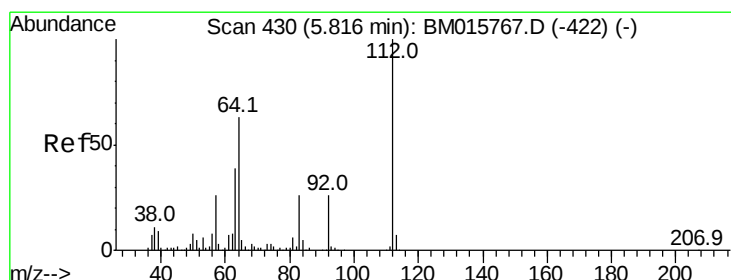
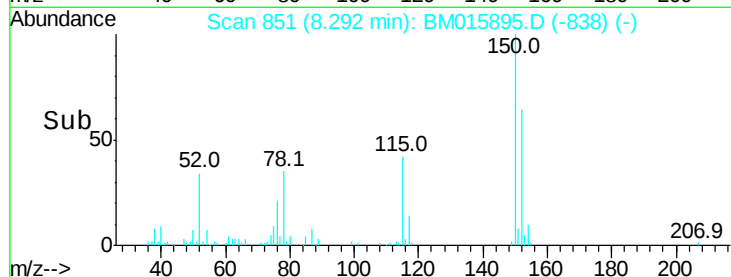
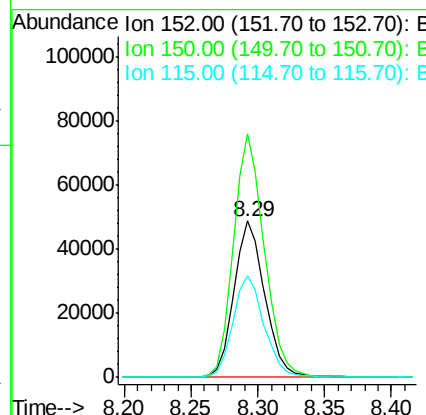
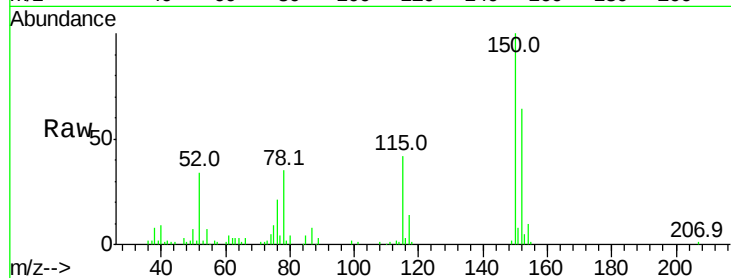


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 851
Delta R.T. -0.02 min
Lab File: BM015895.D
Acq: 11 Jul 2018 19:00

Instrument :
BNA_M
ClientSampled :

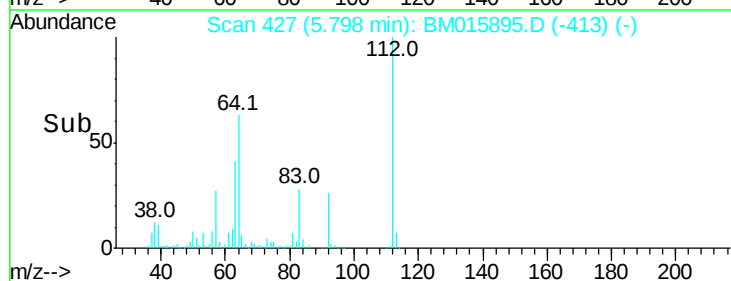
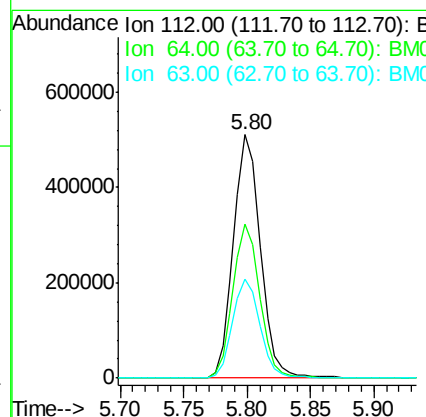
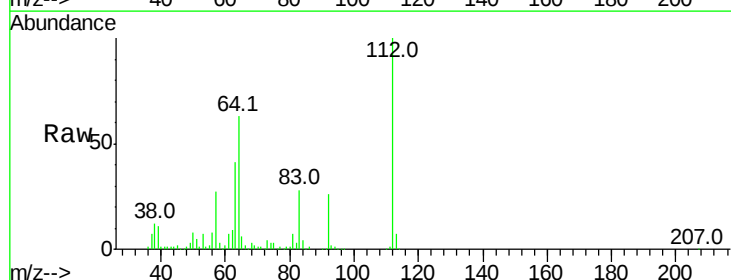
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	119.5	179.3
115	65.3	43.0	64.4#



#5

2-Fluorophenol
Concen: Below ng
RT: 5.80 min Scan# 427
Delta R.T. -0.02 min
Lab File: BM015895.D
Acq: 11 Jul 2018 19:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	38.6	57.8#
63	40.9	19.3	28.9#





#7

Phenol-d6

Concen: N.D. ng

RT: 7.45 min Scan# 707

Delta R.T. -0.02 min

Lab File: BM015895.D

Acq: 11 Jul 2018 19:00

Instrument :

BNA_M

ClientSampleId :

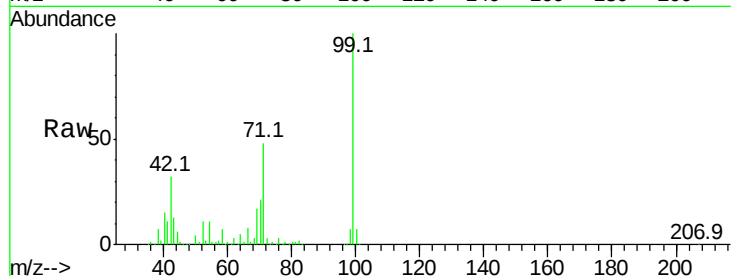
Tot Ion: 99 Resp: 842335

Ion Ratio Lower Upper

99 100

42 32.3 11.0 16.4#

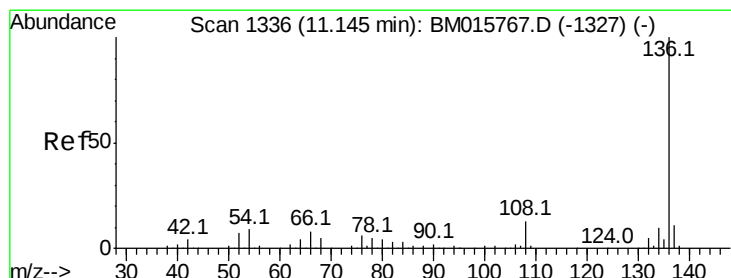
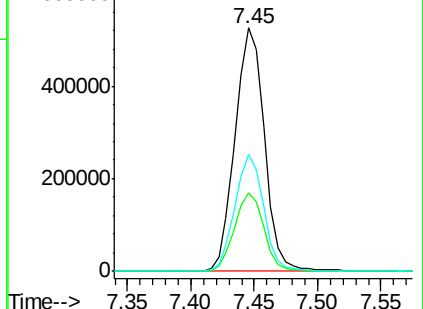
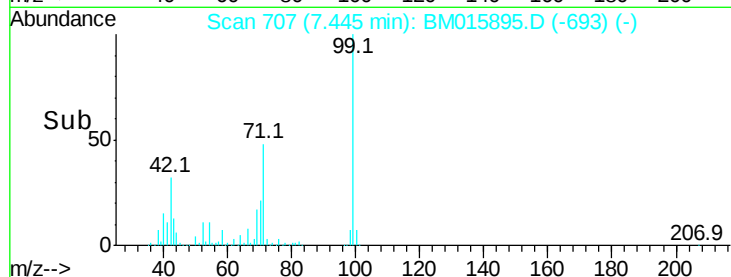
71 47.8 23.4 35.2#



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: BM015895.D

Acq: 11 Jul 2018 19:00

Tgt Ion: 136 Resp: 293216

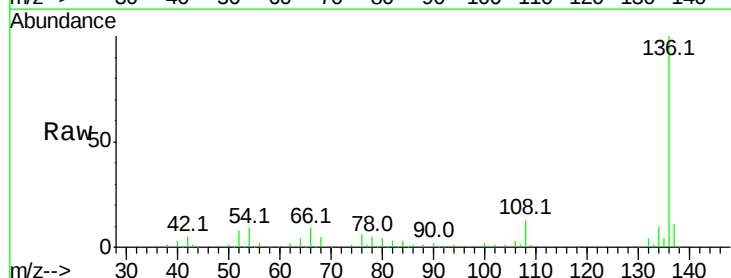
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 9.1 4.6 6.8#

68 5.0 3.7 5.5

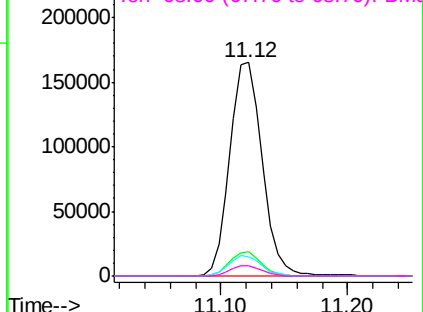
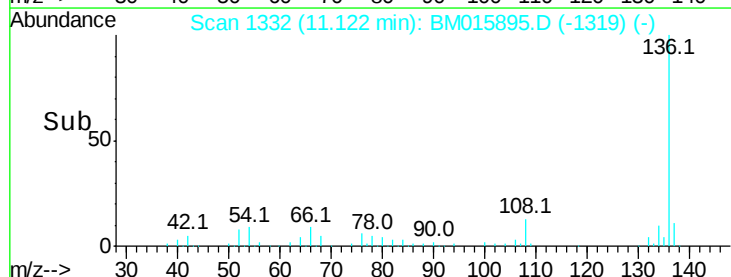


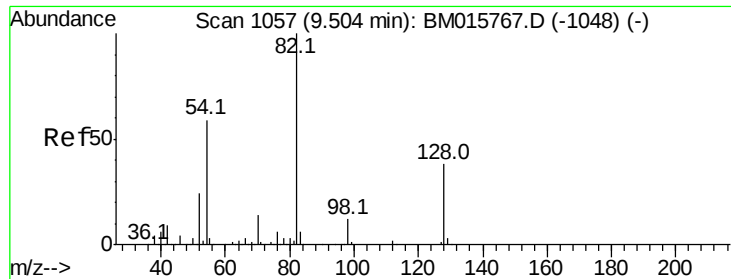
Abundance Ion 136.00 (135.70 to 136.70): BM015767.D (-1327) (-)

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) (-)

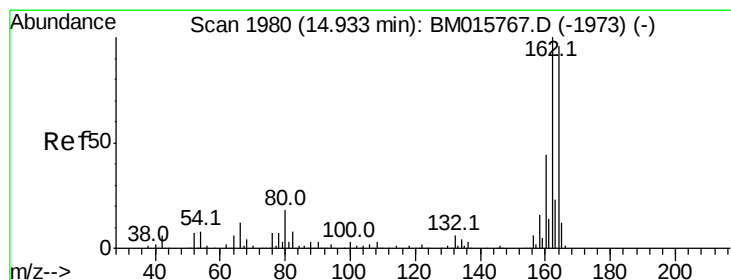
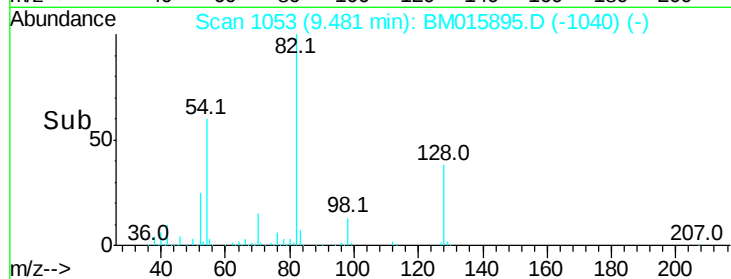
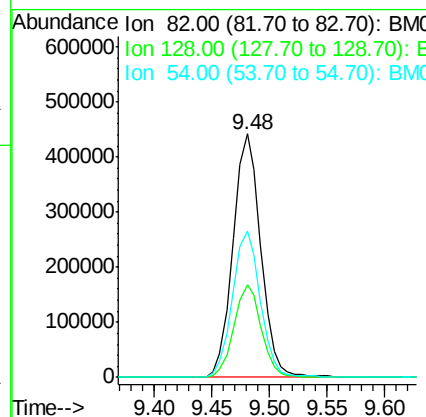
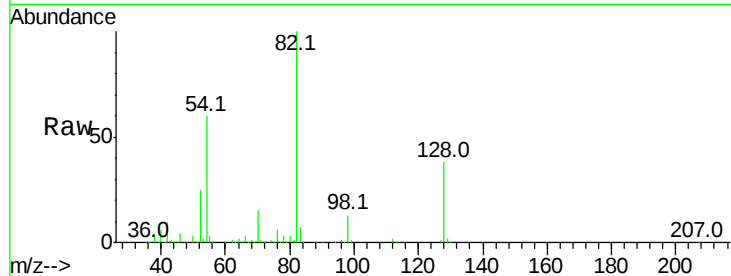




#23
Nitrobenzene-d5
Concen: Below na
RT: 9.48 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BM015895.D
Acq: 11 Jul 2018 19:00

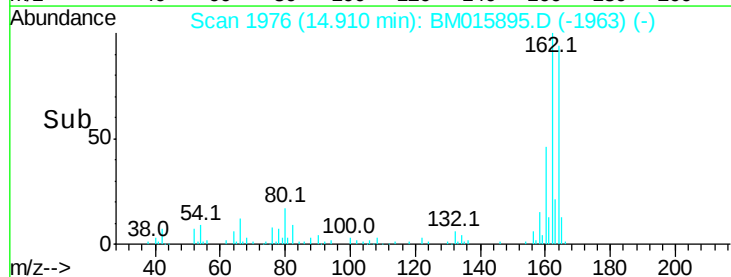
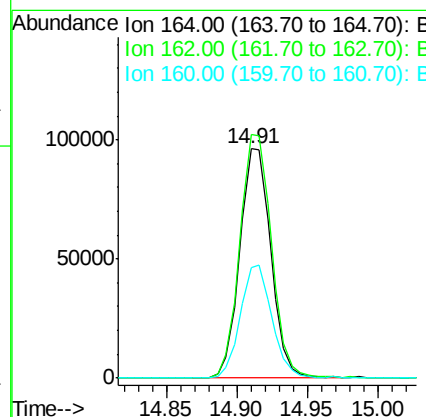
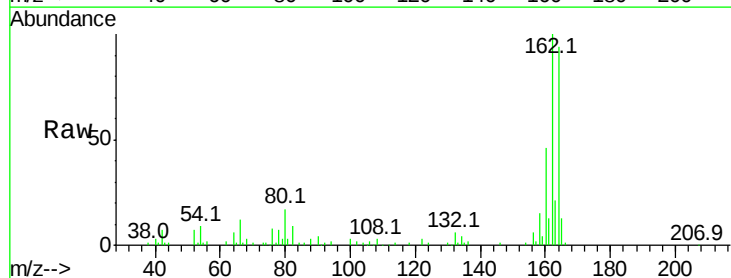
Instrument :
BNA_M
ClientSampled :

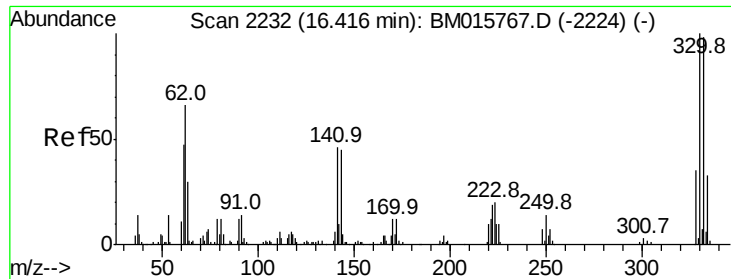
Tot Ion	82	Resp	736836
Ion	Ratio	Lower	Upper
82	100		
128	37.8	32.8	49.2
54	60.2	40.6	60.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.91 min Scan# 1976
Delta R.T. -0.02 min
Lab File: BM015895.D
Acq: 11 Jul 2018 19:00

Tgt Ion	164	Resp	148243
Ion	Ratio	Lower	Upper
164	100		
162	106.2	82.4	123.6
160	48.5	35.8	53.6

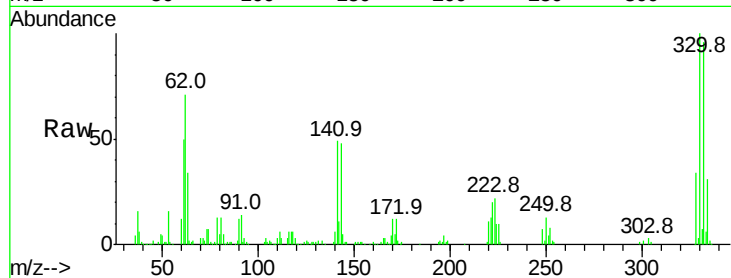




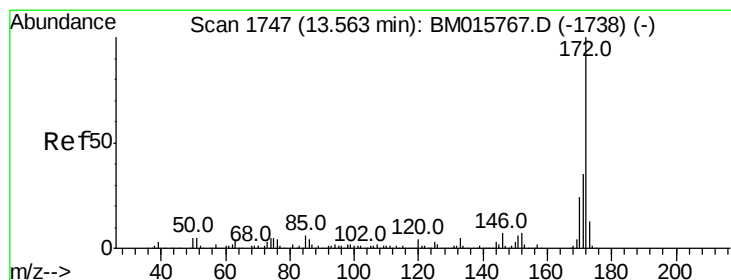
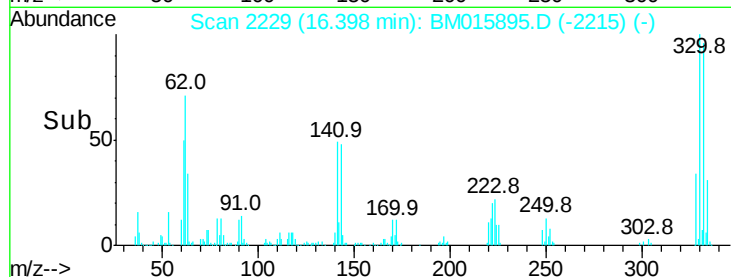
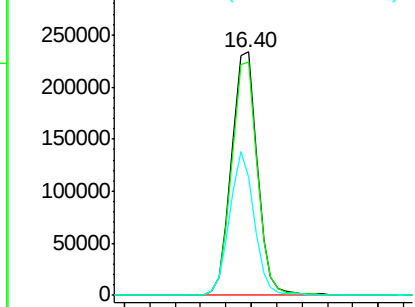
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.40 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BM015895.D
 Acq: 11 Jul 2018 19:00

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 329911
 Ion Ratio Lower Upper
 330 100
 332 95.4 0.0 0.0#
 141 56.3 0.0 0.0#

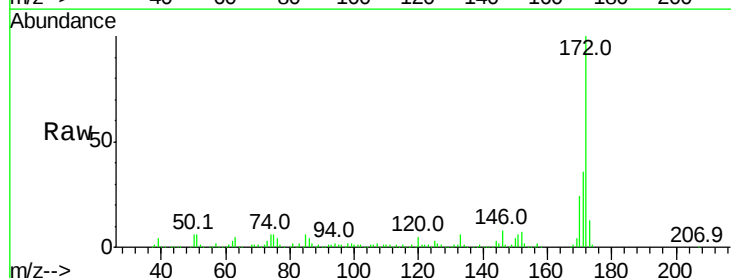


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

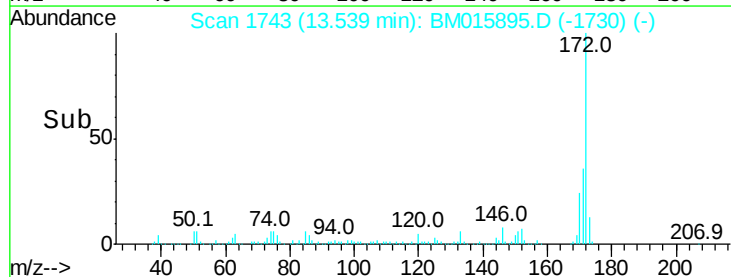
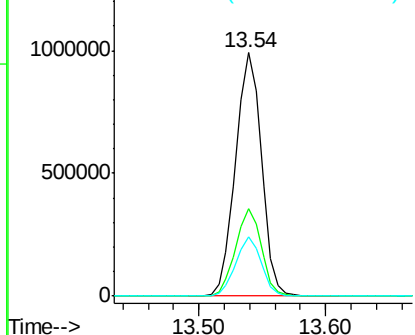


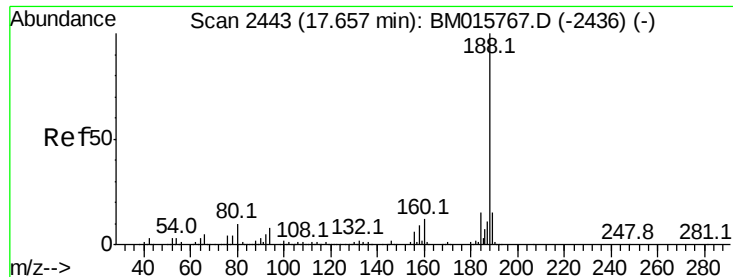
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.54 min Scan# 1743
 Delta R.T. -0.02 min
 Lab File: BM015895.D
 Acq: 11 Jul 2018 19:00

Tgt Ion:172 Resp: 1405921
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.5 42.7
 170 24.2 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

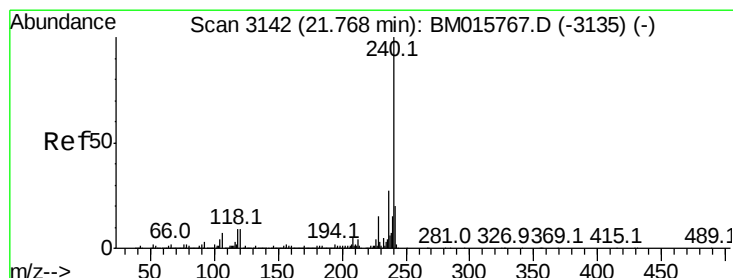
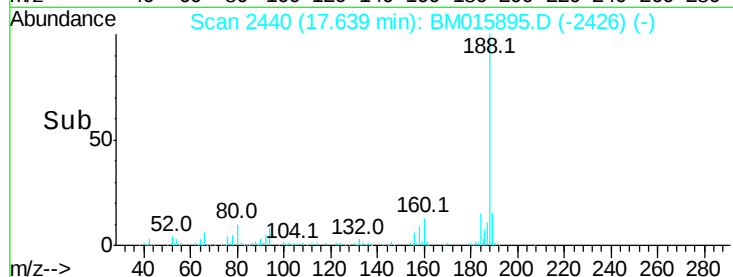
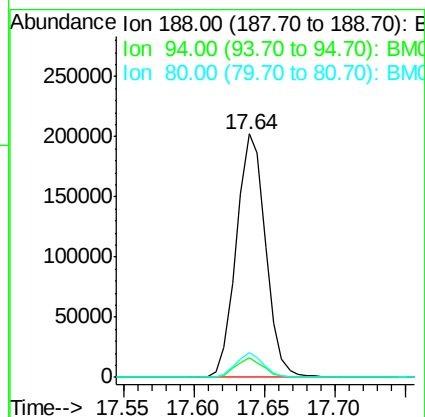
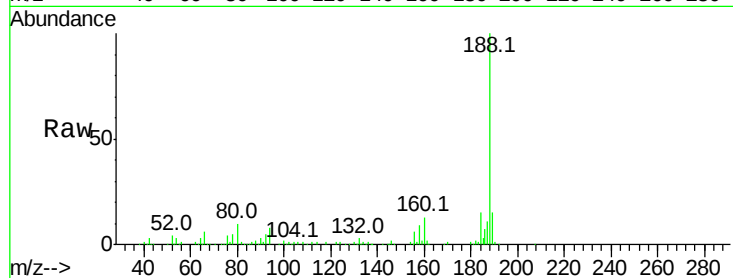




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.64 min Scan# 2440
 Delta R.T. -0.02 min
 Lab File: BM015895.D
 Acq: 11 Jul 2018 19:00

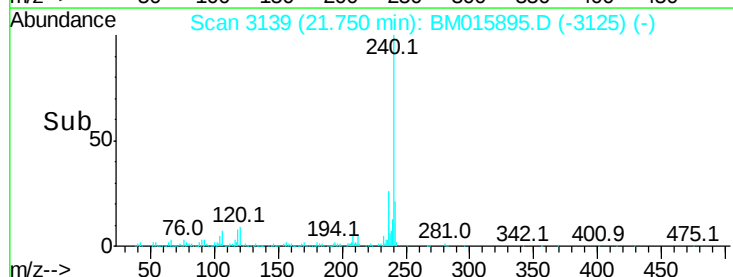
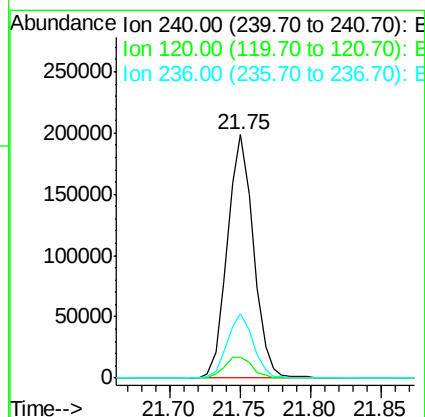
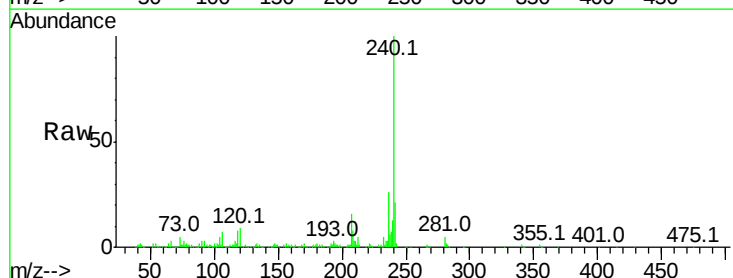
Instrument :
 BNA_M
 ClientSampled :

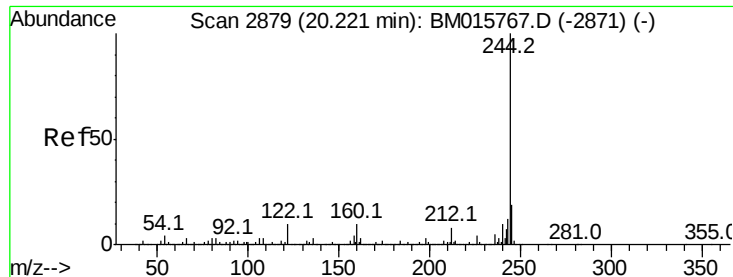
Tot Ion:188 Resp: 293514
 Ion Ratio Lower Upper
 188 100
 94 8.0 8.7 13.1#
 80 10.0 9.3 13.9



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3139
 Delta R.T. -0.02 min
 Lab File: BM015895.D
 Acq: 11 Jul 2018 19:00

Tgt Ion:240 Resp: 255895
 Ion Ratio Lower Upper
 240 100
 120 8.8 8.2 12.2
 236 26.4 20.0 30.0

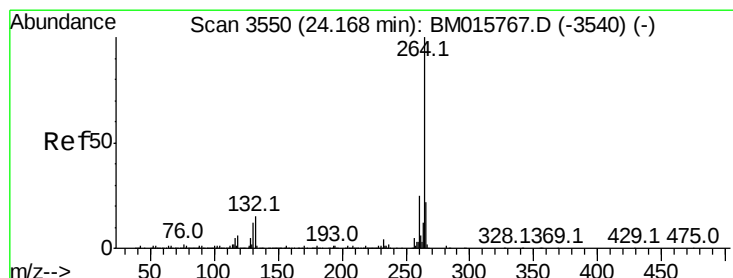
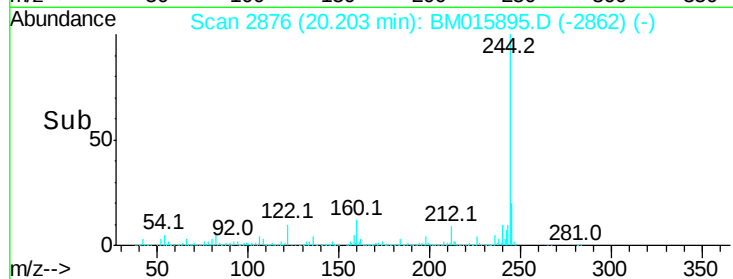
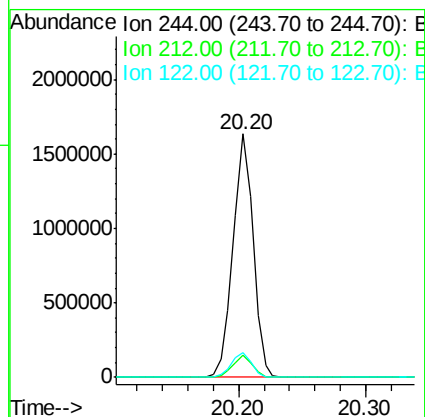
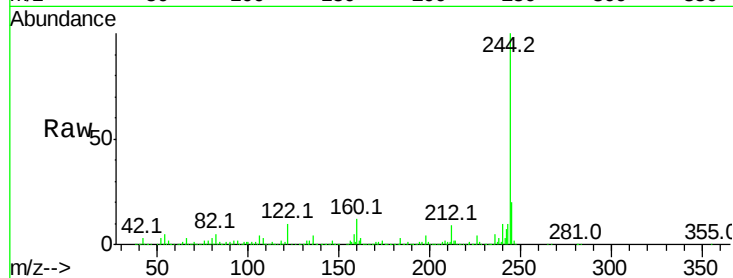




#78
 Terphenyl-d14
 Concen: Below na
 RT: 20.20 min Scan# 2876
 Delta R.T. -0.02 min
 Lab File: BM015895.D
 Acq: 11 Jul 2018 19:00

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 1782747
 Ion Ratio Lower Upper
 244 100
 212 9.0 4.9 7.3#
 122 10.4 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.15 min Scan# 3547
 Delta R.T. -0.02 min
 Lab File: BM015895.D
 Acq: 11 Jul 2018 19:00

Tgt Ion:264 Resp: 261070
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.6 27.8
 265 22.2 17.3 25.9

