

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070618\
 Data File : BM015829.D
 Acq On : 07 Jul 2018 08:01
 Operator : SJ/JU
 Sample : J3854-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S5

Quant Time: Jul 09 00:54:17 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	111285	20.00	ng	-0.01
21) Naphthalene-d8	11.13	136	441604	20.00	ng	-0.01
38) Acenaphthene-d10	14.92	164	253889	20.00	ng	-0.01
63) Phenanthrene-d10	17.65	188	587073	20.00	ng	0.00
75) Chrysene-d12	21.76	240	548299	20.00	ng	-0.01
86) Perylene-d12	24.16	264	466122	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.81	112	909773	140.20	ng	0.00
7) Phenol-d6	7.46	99	1060791	119.41	ng	0.00
23) Nitrobenzene-d5	9.49	82	898725	99.30	ng	-0.01
41) 2,4,6-Tribromophenol	16.40	330	563271	169.79	ng	-0.01
44) 2-Fluorobiphenyl	13.55	172	1978964	96.77	ng	-0.01
78) Terphenyl-d14	20.22	244	3604222	121.93	ng	0.00

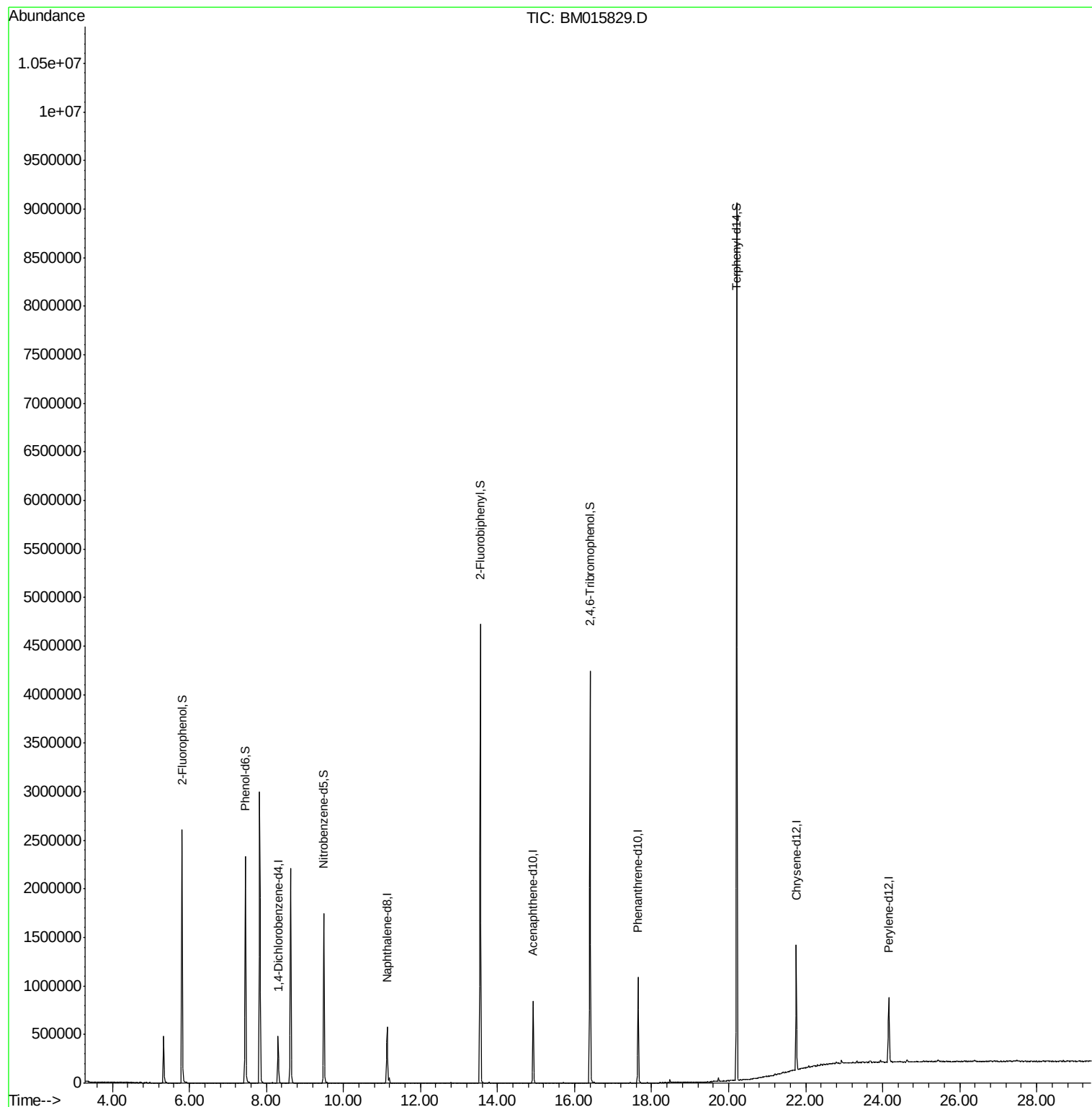
Target Compounds Qvalue

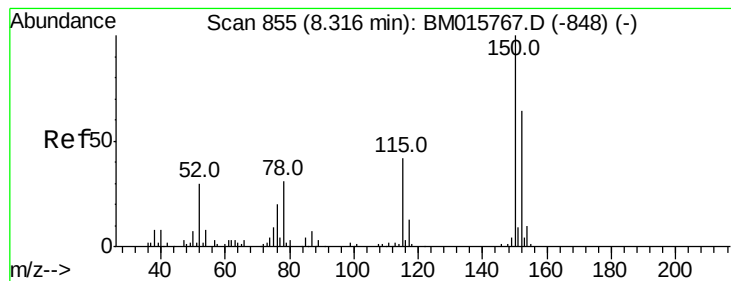
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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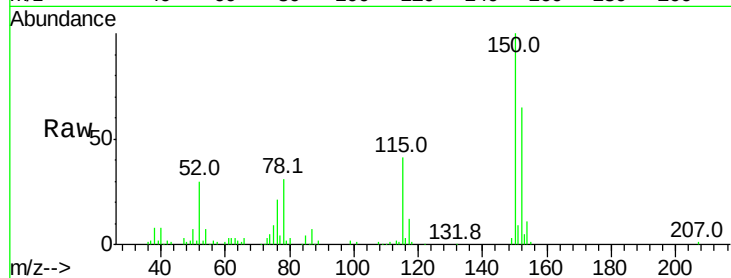


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 853
Delta R.T. -0.01 min
Lab File: BM015829.D
Acq: 07 Jul 2018 08:01

Instrument :
BNA_M
ClientSampleId :
S5

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	119.5	179.3
115	63.5	43.0	64.4

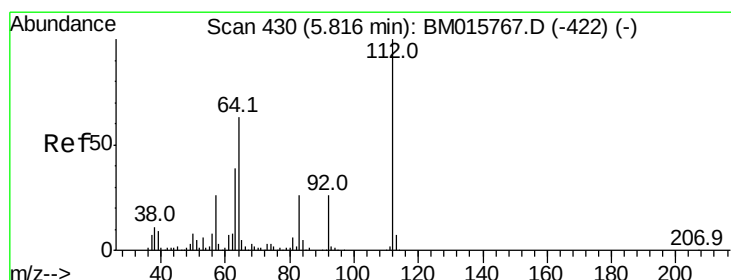
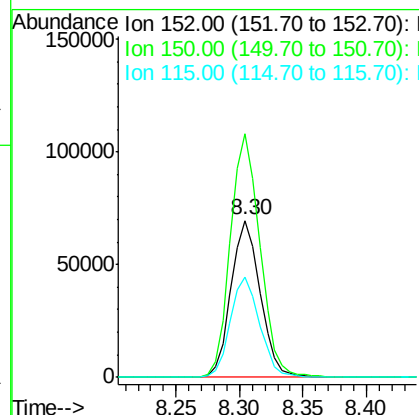
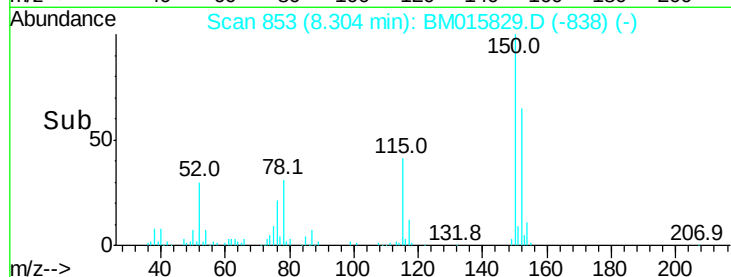


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

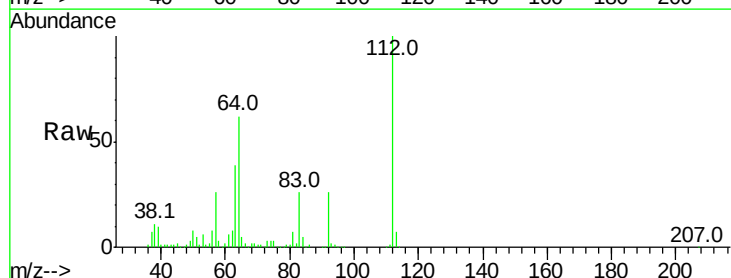
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: Below ng
RT: 5.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BM015829.D
Acq: 07 Jul 2018 08:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.3	38.6	57.8#
63	38.8	19.3	28.9#

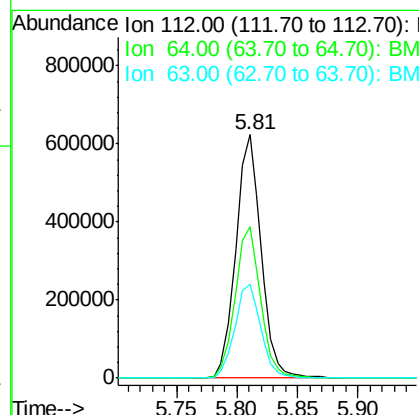
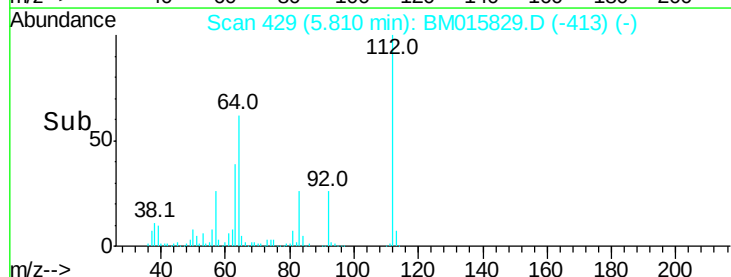


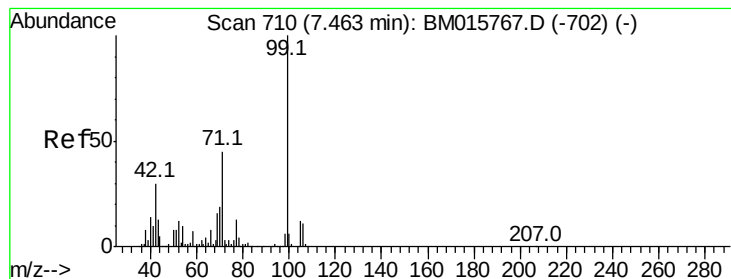
Abundance

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: BM015829.D

Acq: 07 Jul 2018 08:01

Instrument :

BNA_M

ClientSampleId :

S5

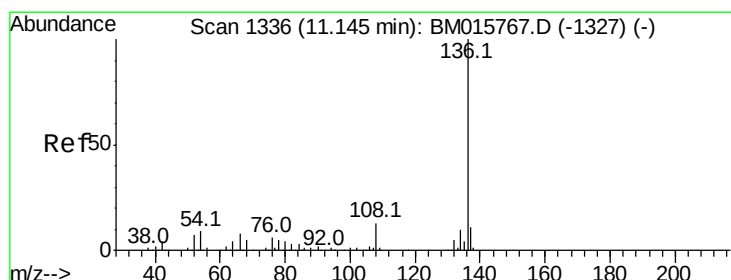
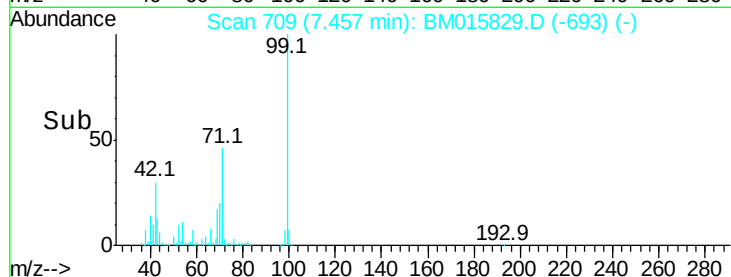
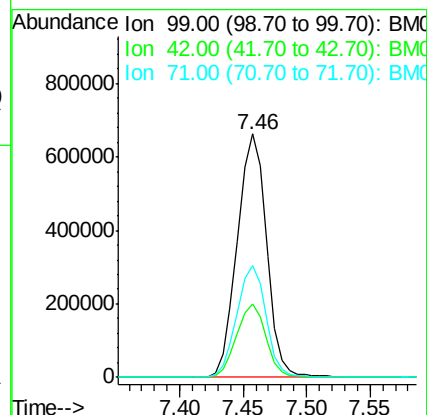
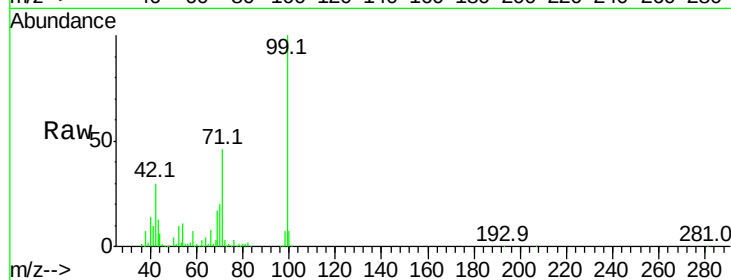
Tot Ion: 99 Resp: 1060791

Ion Ratio Lower Upper

99 100

42 30.2 11.0 16.4#

71 45.7 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: BM015829.D

Acq: 07 Jul 2018 08:01

Tgt Ion: 136 Resp: 441604

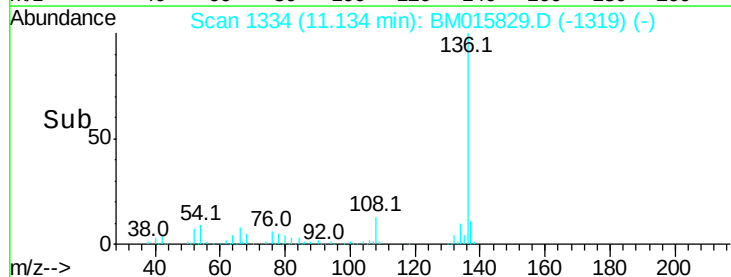
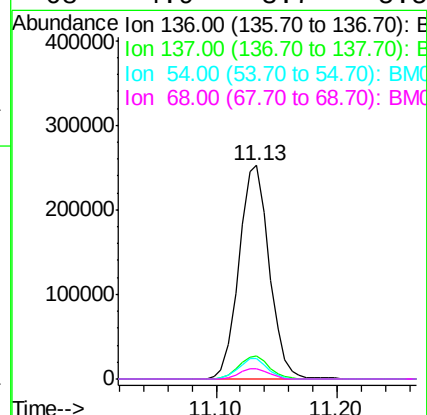
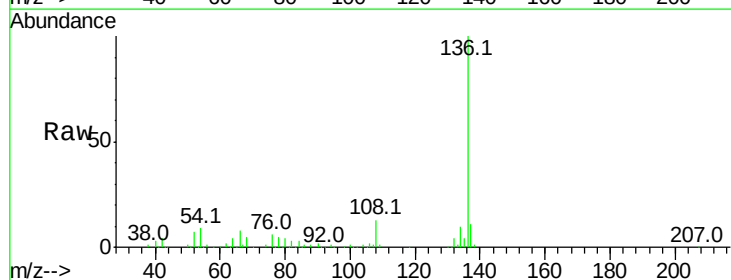
Ion Ratio Lower Upper

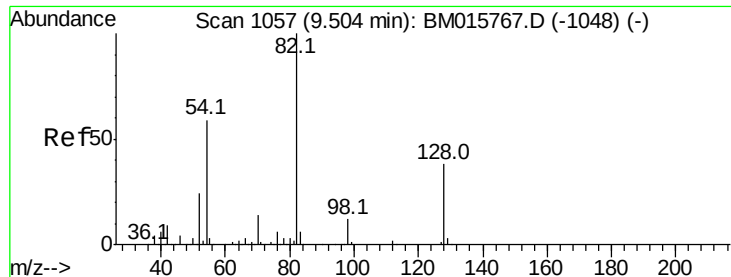
136 100

137 10.9 8.7 13.1

54 9.4 4.6 6.8#

68 4.9 3.7 5.5

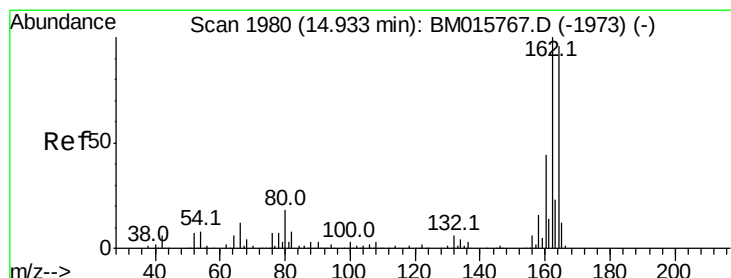
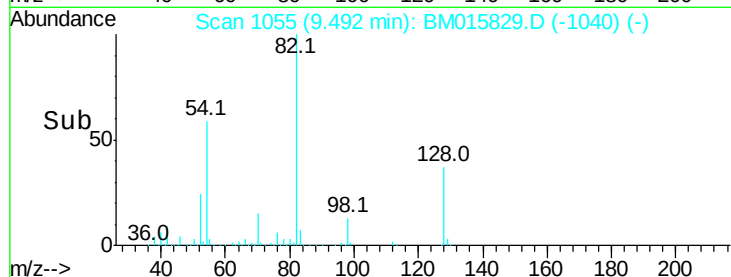
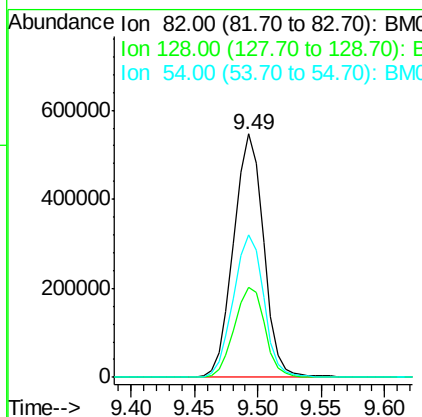
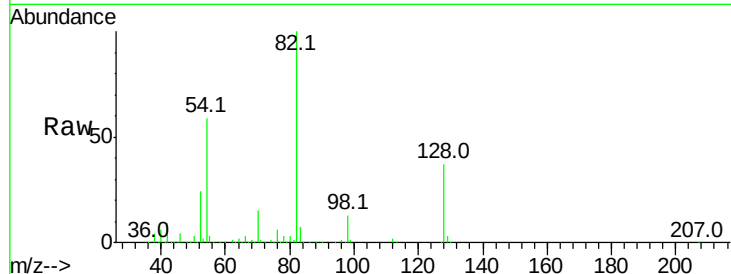




#23
 Nitrobenzene-d5
 Concen: Below na
 RT: 9.49 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BM015829.D
 Acq: 07 Jul 2018 08:01

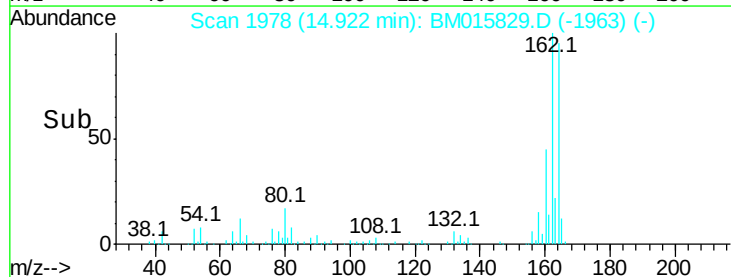
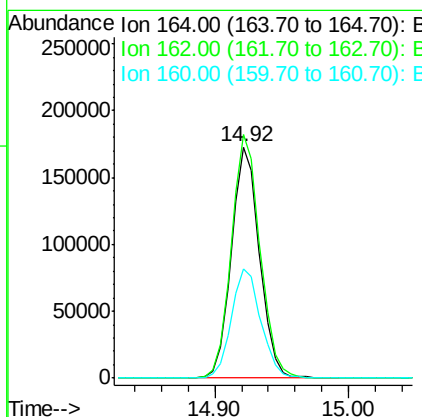
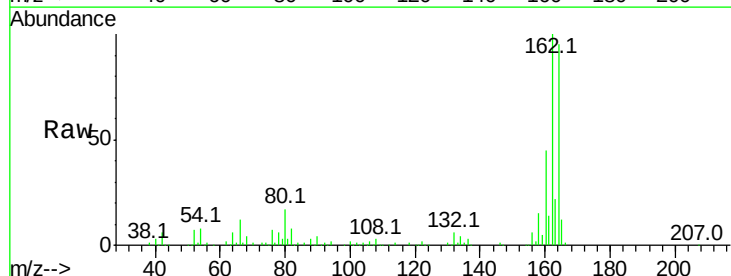
Instrument :
 BNA_M
 ClientSampled :
 S5

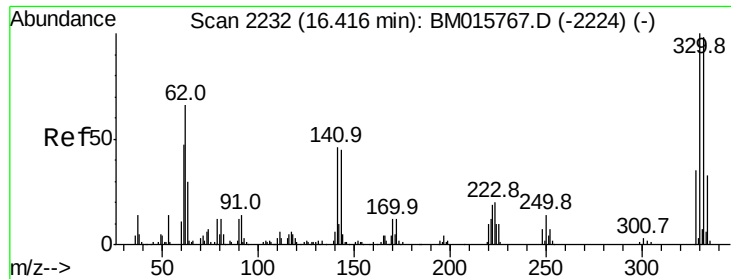
Tot Ion	82	Resp	898725
Ion	Ratio	Lower	Upper
82	100		
128	37.2	32.8	49.2
54	58.7	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.92 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BM015829.D
 Acq: 07 Jul 2018 08:01

Tgt Ion	164	Resp	253889
Ion	Ratio	Lower	Upper
164	100		
162	105.2	82.4	123.6
160	47.4	35.8	53.6

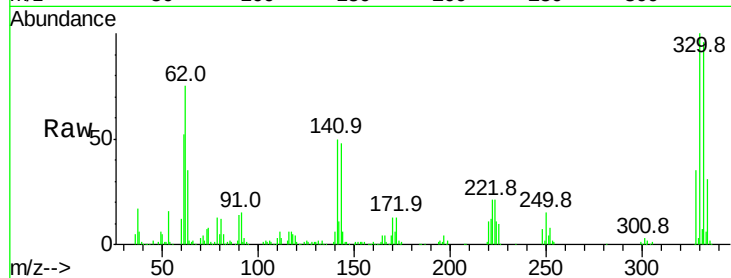




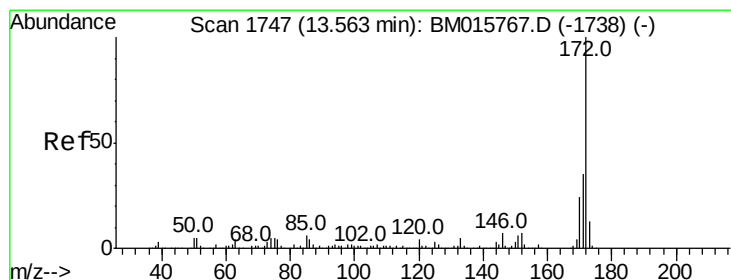
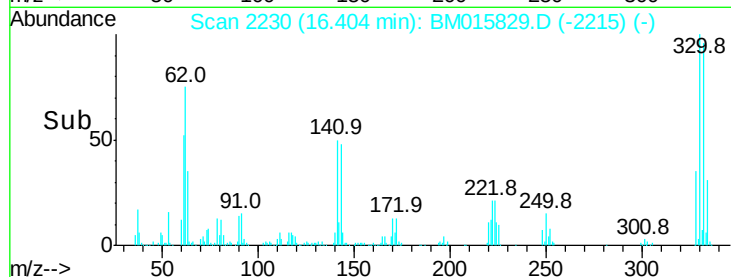
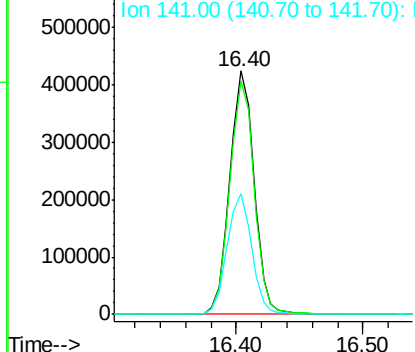
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.40 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BM015829.D
 Acq: 07 Jul 2018 08:01

Instrument :
 BNA_M
 ClientSampled :
 S5

Tot Ion:330 Resp: 563271
 Ion Ratio Lower Upper
 330 100
 332 96.3 0.0 0.0#
 141 50.4 0.0 0.0#

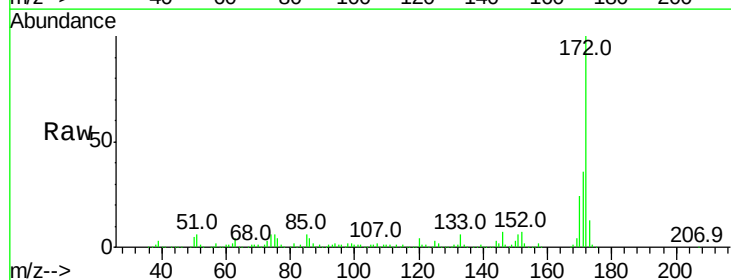


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

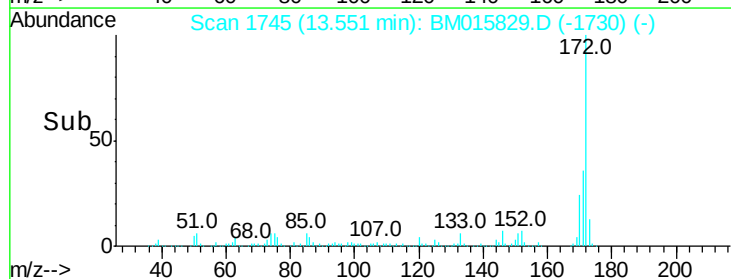
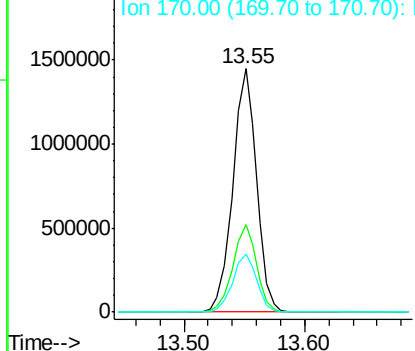


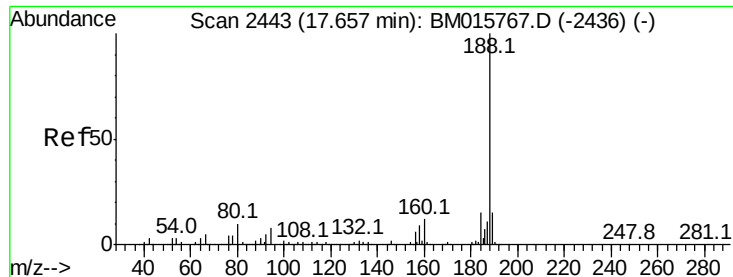
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.55 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BM015829.D
 Acq: 07 Jul 2018 08:01

Tgt Ion:172 Resp: 1978964
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.5 42.7
 170 24.0 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

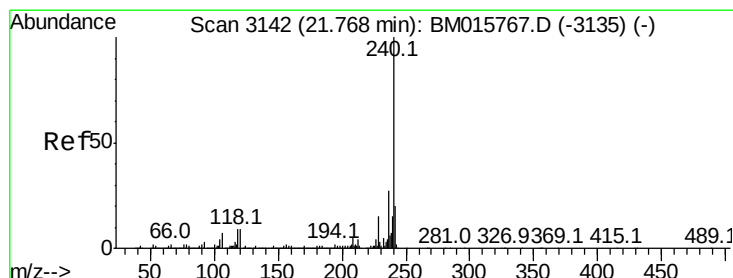
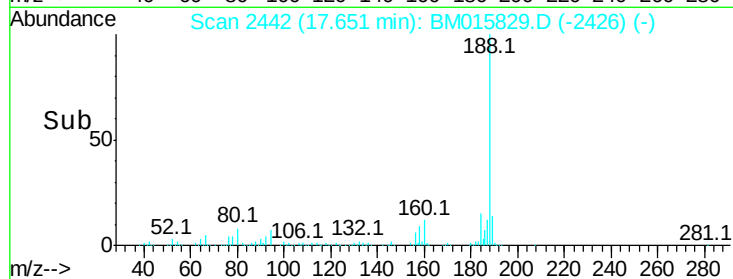
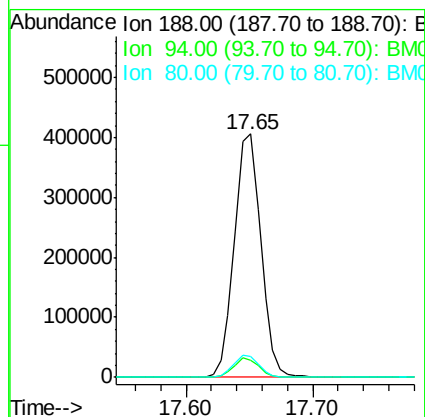
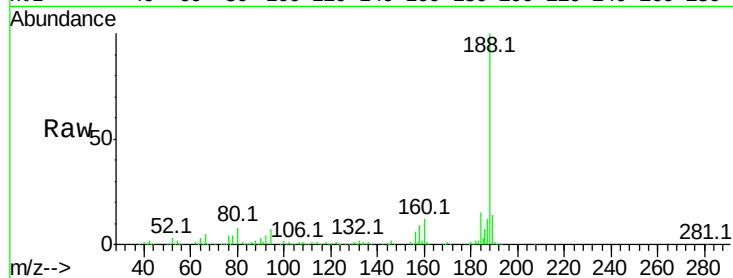




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.65 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BM015829.D
Acq: 07 Jul 2018 08:01

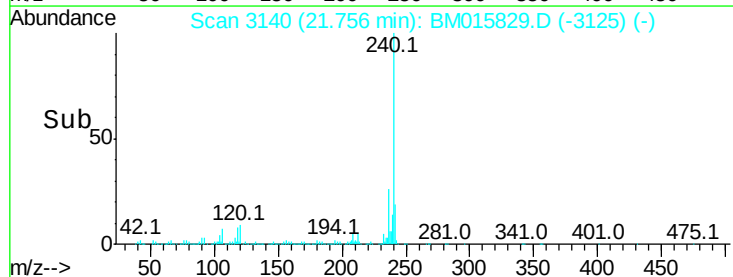
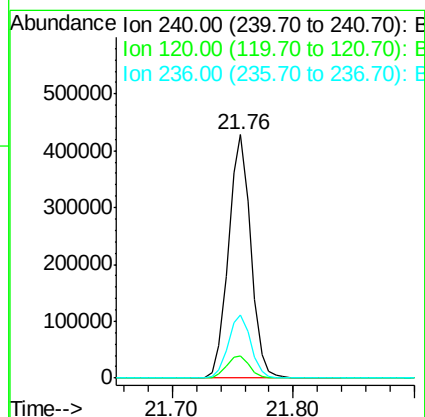
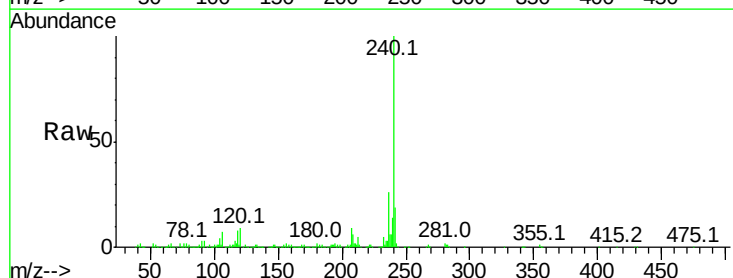
Instrument :
BNA_M
ClientSampled :
S5

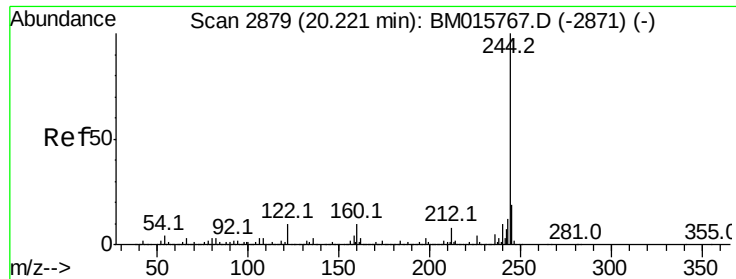
Tot Ion:188 Resp: 587073
Ion Ratio Lower Upper
188 100
94 6.9 8.7 13.1#
80 8.5 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BM015829.D
Acq: 07 Jul 2018 08:01

Tgt Ion:240 Resp: 548299
Ion Ratio Lower Upper
240 100
120 8.9 8.2 12.2
236 26.1 20.0 30.0



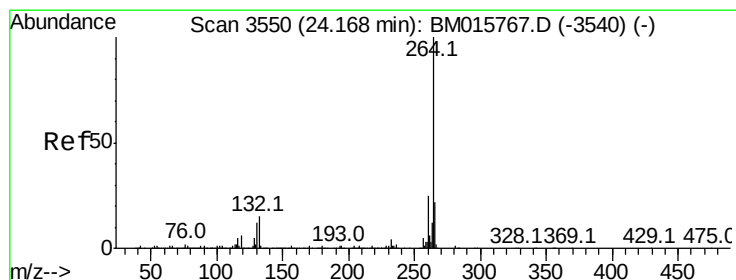
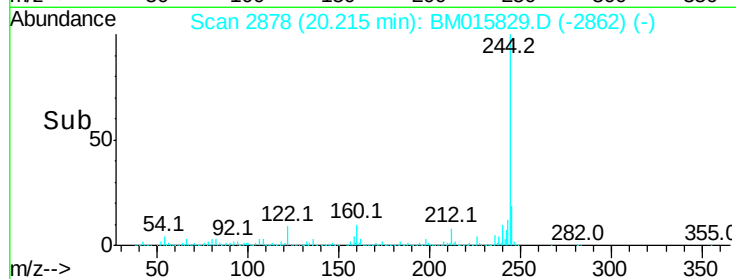
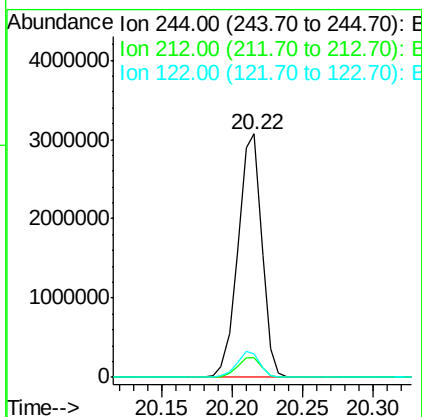
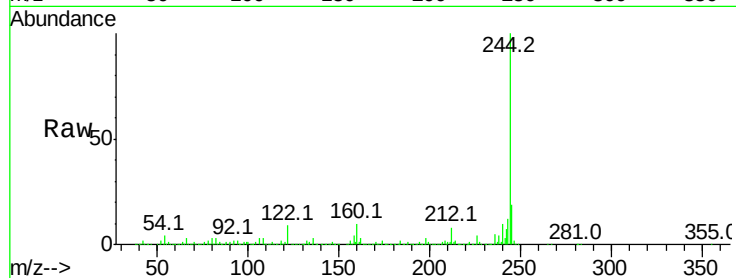


#78
 Terphenyl-d14
 Concen: Below na
 RT: 20.22 min Scan# 2878
 Delta R.T. -0.01 min
 Lab File: BM015829.D
 Acq: 07 Jul 2018 08:01

Instrument :
 BNA_M
 ClientSampled :
 S5

Tot Ion:244 Resp: 3604222

Ion	Ratio	Lower	Upper
244	100		
212	8.1	4.9	7.3#
122	9.5	6.2	9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.16 min Scan# 3548
 Delta R.T. -0.01 min
 Lab File: BM015829.D
 Acq: 07 Jul 2018 08:01

Tgt Ion:264 Resp: 466122

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.6	27.8
265	21.7	17.3	25.9

