

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021519\
 Data File : BM018829.D
 Acq On : 15 Feb 2019 22:31
 Operator : JU/SJ
 Sample : K1490-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-1-214

Quant Time: Feb 15 23:31:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	327608	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	1312529	20.00	ng	-0.01
39) Acenaphthene-d10	14.36	164	736374	20.00	ng	0.00
64) Phenanthrene-d10	17.11	188	1715989	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1666268	20.00	ng	0.00
87) Perylene-d12	23.56	264	1389869	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2496765	124.87	ng	0.00
7) Phenol-d6	6.89	99	3110998	110.45	ng	0.00
23) Nitrobenzene-d5	8.87	82	2506569	88.30	ng	-0.01
42) 2,4,6-Tribromophenol	15.86	330	1440447	135.70	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	4660132	84.01	ng	0.00
79) Terphenyl-d14	19.74	244	8216957	101.73	ng	0.00

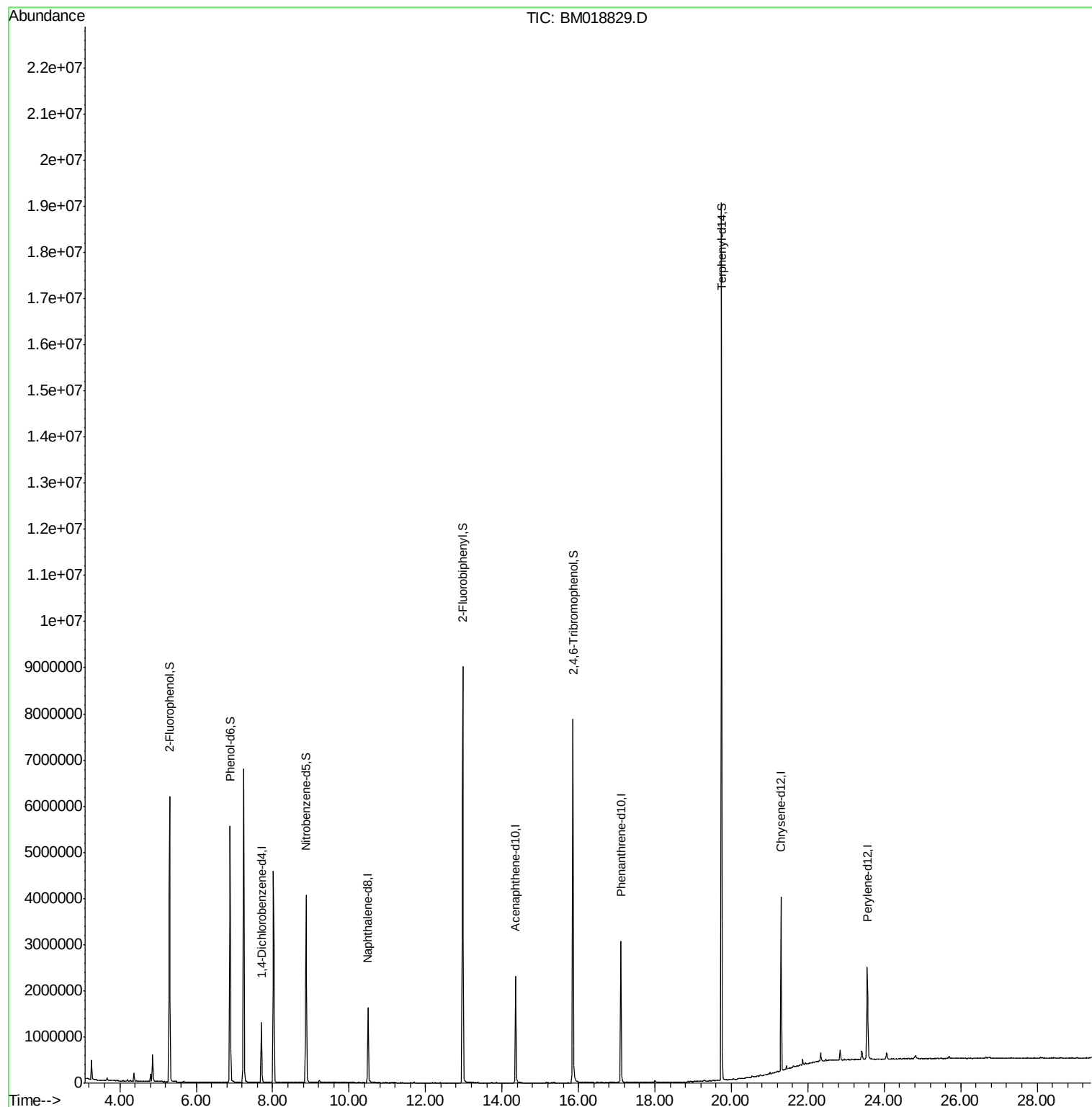
Target Compounds Qvalue

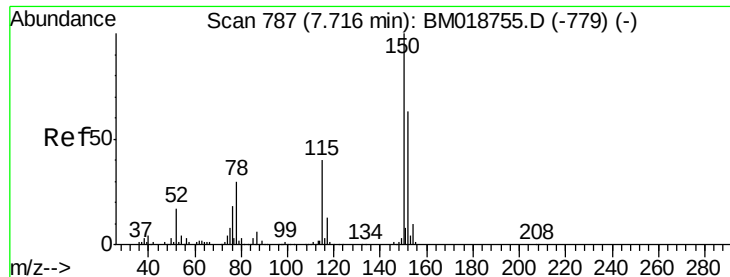
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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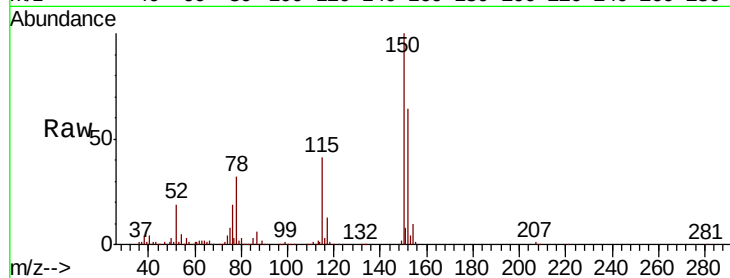


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BM018829.D
Acq: 15 Feb 2019 22:31

Instrument :
BNA_M
ClientSampleId :
TP-1-214

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	127.3	190.9
115	63.6	50.8	76.2

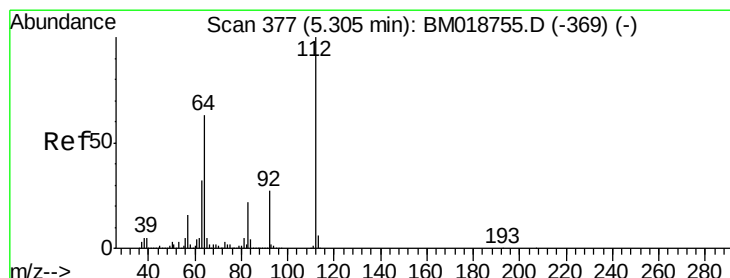
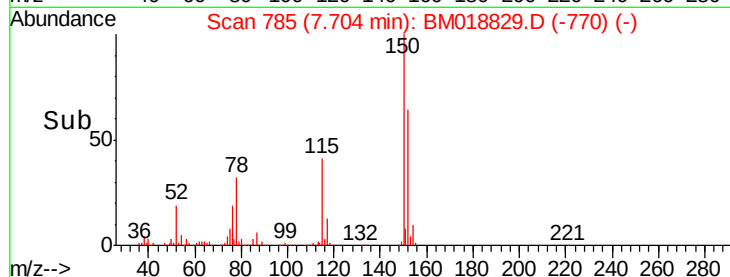
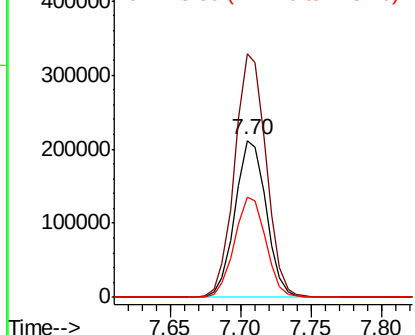


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

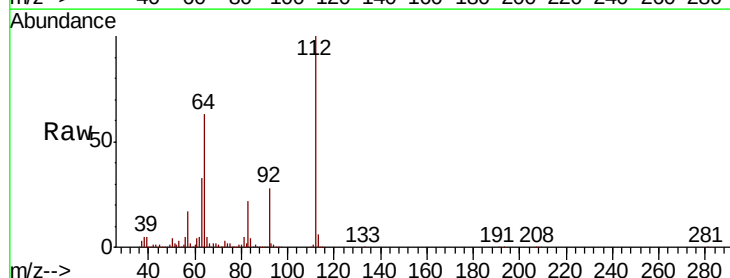
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 124.871 ng
RT: 5.30 min Scan# 377
Delta R.T. -0.00 min
Lab File: BM018829.D
Acq: 15 Feb 2019 22:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	50.6	75.8
63	32.7	25.7	38.5

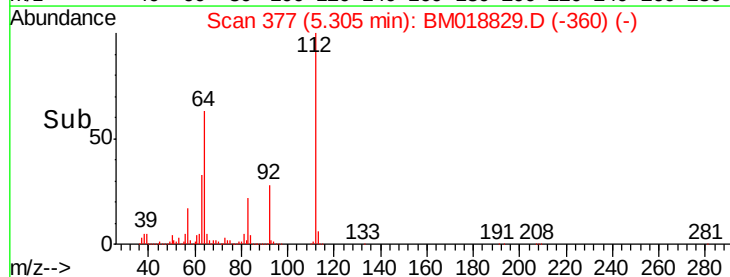
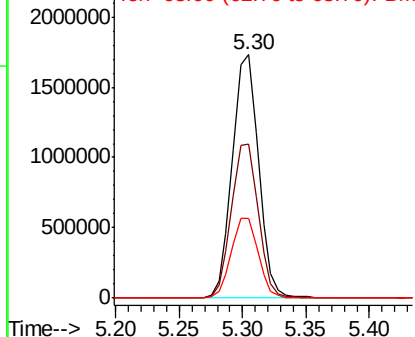


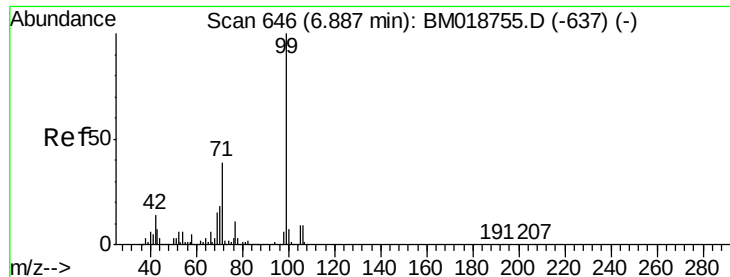
Abundance

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: 110.446 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM018829.D

Acq: 15 Feb 2019 22:31

Instrument :

BNA_M

ClientSampled :

TP-1-214

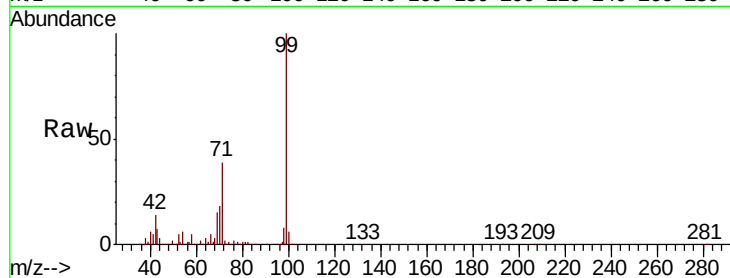
Tot Ion: 99 Resp: 3110998

Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.6

71 39.0 31.3 46.9

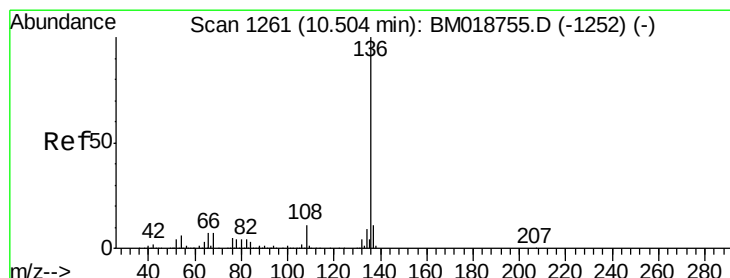
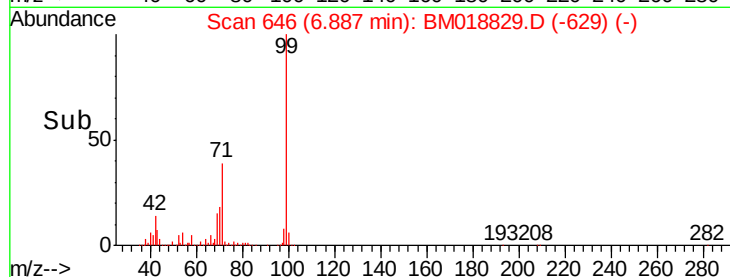
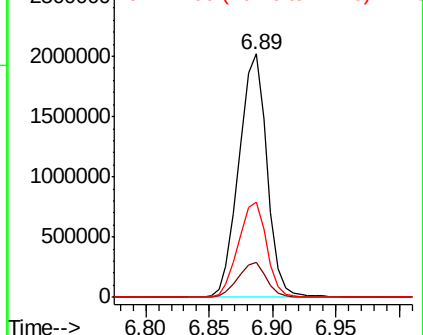


Abundance

Ion 99.00 (98.70 to 99.70): BM018829.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018829.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018829.D (-629) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BM018829.D

Acq: 15 Feb 2019 22:31

Tgt Ion: 136 Resp: 1312529

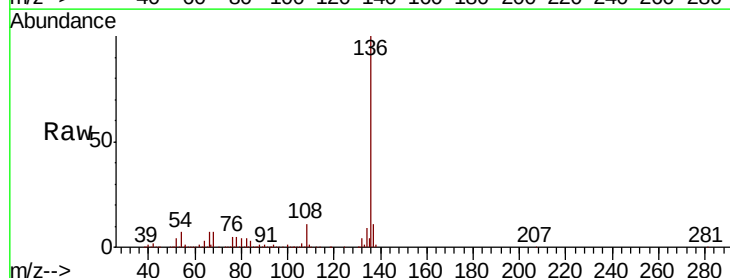
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 6.9 5.0 7.6

68 7.1 5.5 8.3



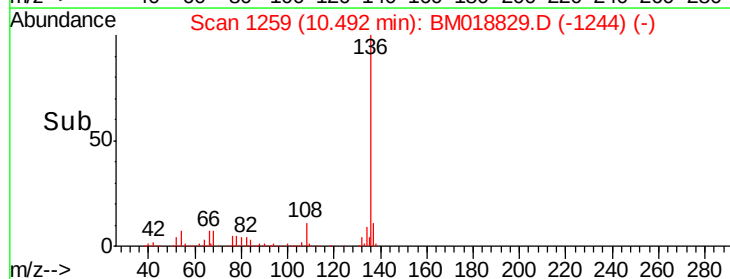
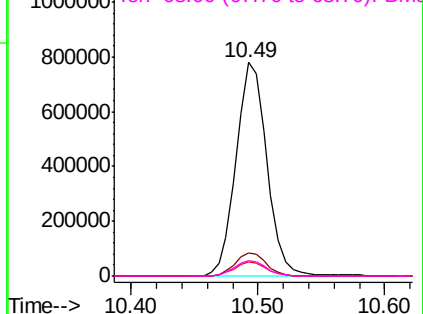
Abundance

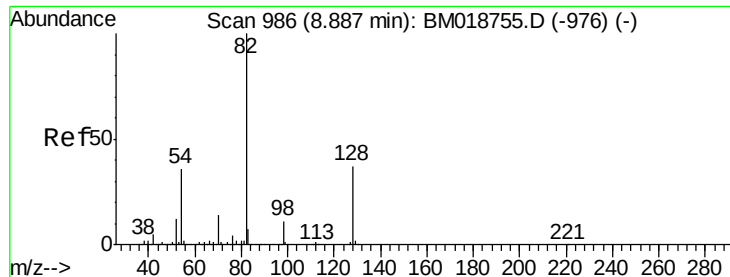
Ion 136.00 (135.70 to 136.70): BM018829.D (-1244) (-)

Ion 137.00 (136.70 to 137.70): BM018829.D (-1244) (-)

Ion 54.00 (53.70 to 54.70): BM018829.D (-1244) (-)

Ion 68.00 (67.70 to 68.70): BM018829.D (-1244) (-)

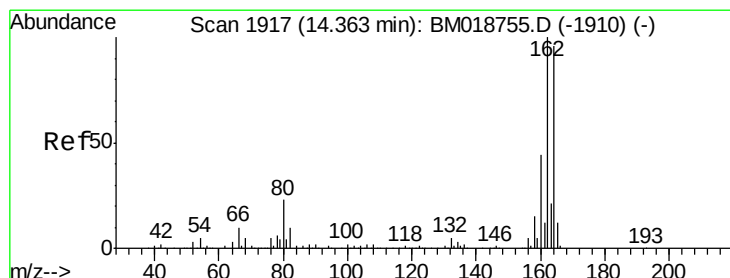
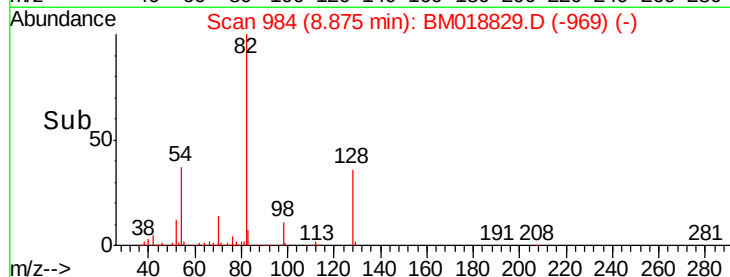
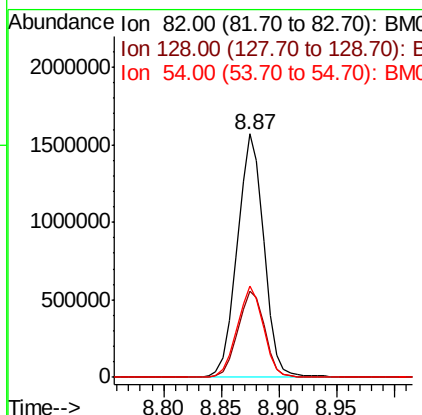
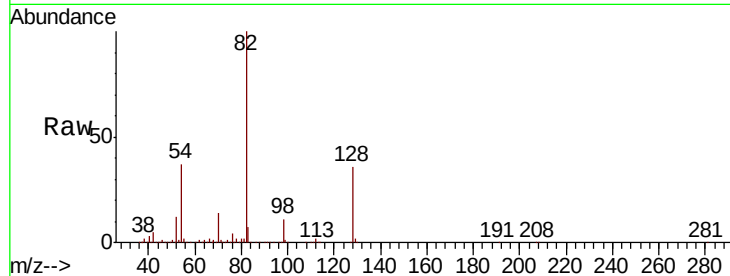




#23
Nitrobenzene-d5
Concen: 88.303 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BM018829.D
Acq: 15 Feb 2019 22:31

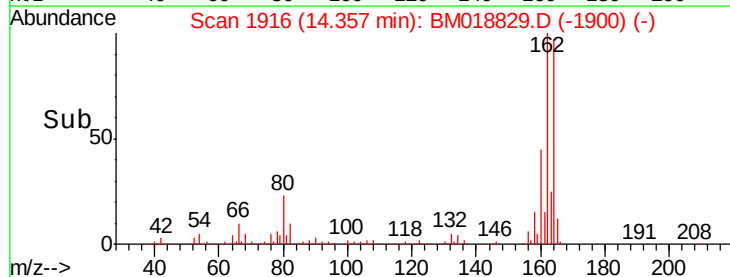
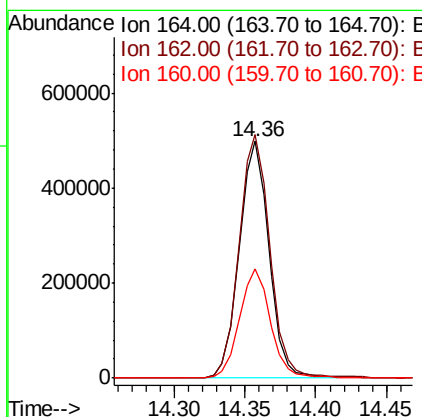
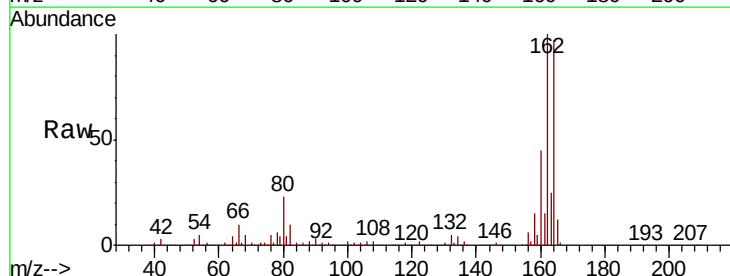
Instrument :
BNA_M
ClientSampled :
TP-1-214

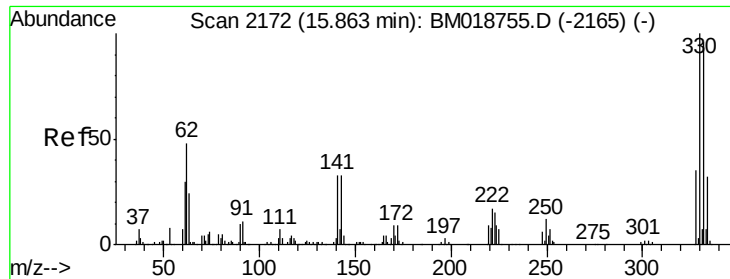
Tot Ion: 82 Resp: 2506569
Ion Ratio Lower Upper
82 100
128 35.6 29.9 44.9
54 37.3 29.1 43.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.36 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BM018829.D
Acq: 15 Feb 2019 22:31

Tgt Ion:164 Resp: 736374
Ion Ratio Lower Upper
164 100
162 102.8 83.4 125.0
160 46.0 36.6 55.0



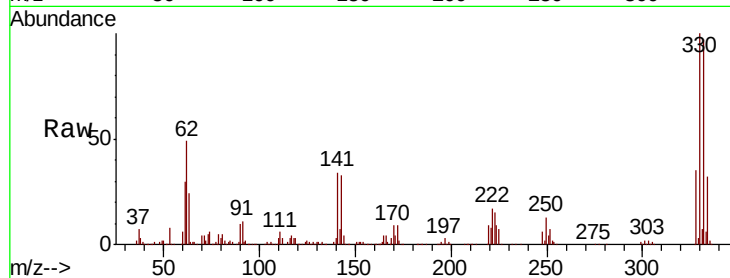


#42
 2,4,6-Tribromophenol
 Concen: 135.704 ng
 RT: 15.86 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BM018829.D
 Acq: 15 Feb 2019 22:31

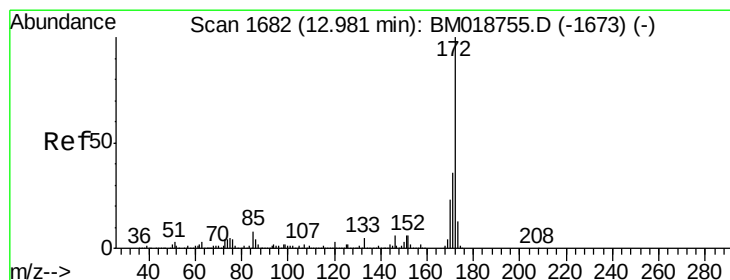
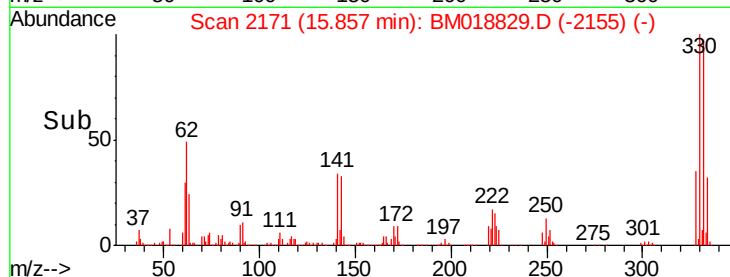
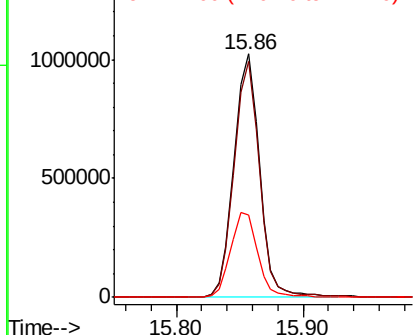
Instrument :
 BNA_M
 ClientSampleId :
 TP-1-214

Tot Ion:330 Resp: 1440447

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.9	115.3
141	37.0	28.7	43.1



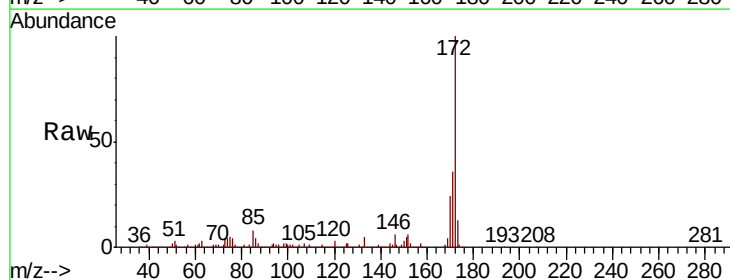
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



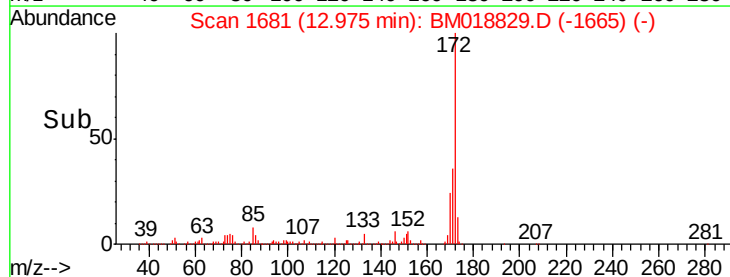
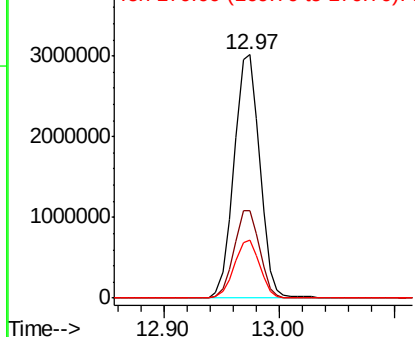
#45
 2-Fluorobiphenyl
 Concen: 84.009 ng
 RT: 12.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BM018829.D
 Acq: 15 Feb 2019 22:31

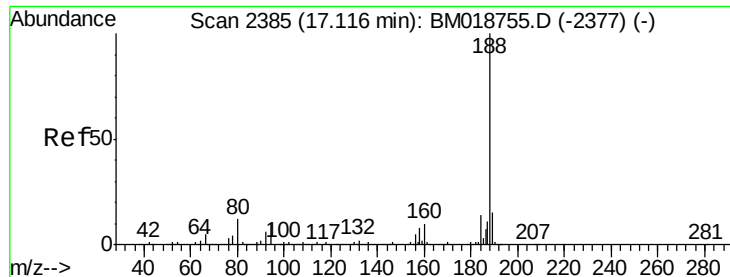
Tgt Ion:172 Resp: 4660132

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	23.6	18.6	28.0



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

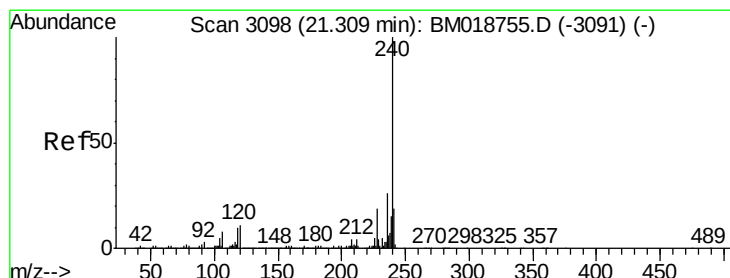
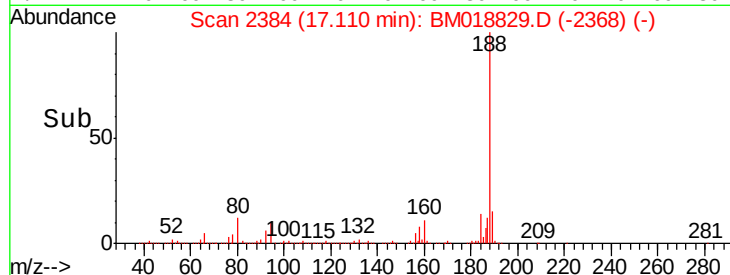
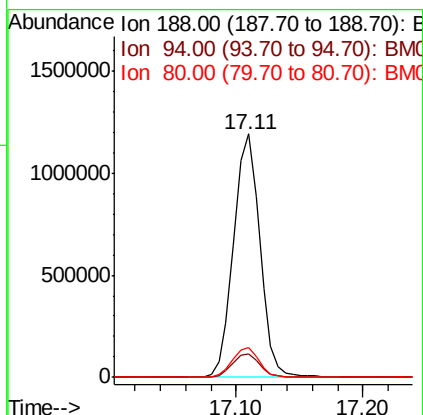
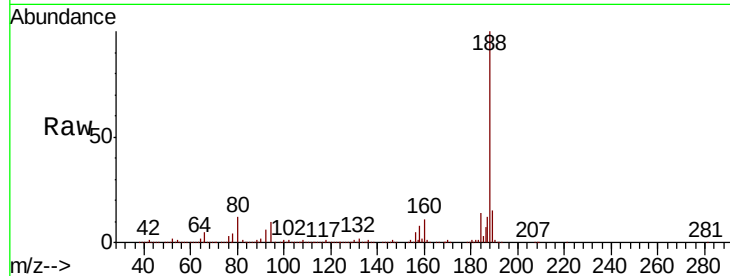




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.11 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018829.D
Acq: 15 Feb 2019 22:31

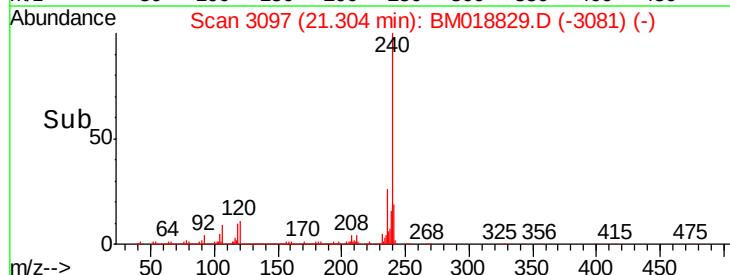
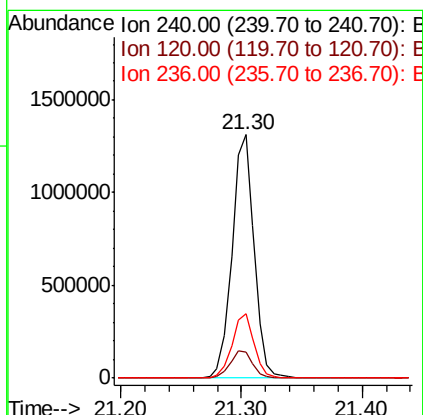
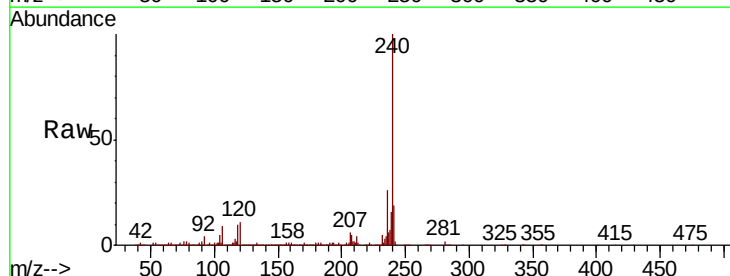
Instrument :
BNA_M
ClientSampleId :
TP-1-214

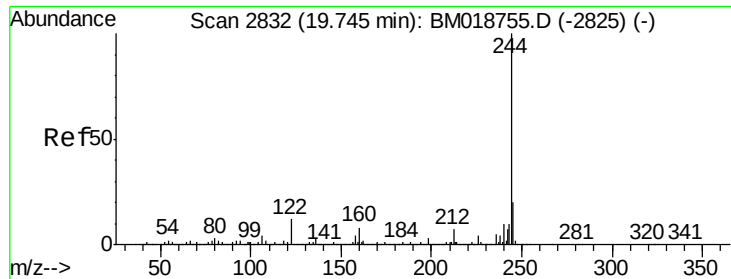
Tot Ion:188 Resp: 1715989
Ion Ratio Lower Upper
188 100
94 9.7 8.2 12.2
80 12.0 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.30 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM018829.D
Acq: 15 Feb 2019 22:31

Tgt Ion:240 Resp: 1666268
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 26.2 20.9 31.3





#79

Terphenyl-d14

Concen: 101.729 ng

RT: 19.74 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BM018829.D

Acq: 15 Feb 2019 22:31

Instrument :

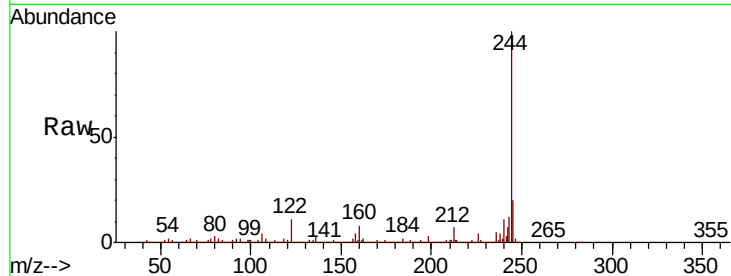
BNA_M

ClientSampleId :

TP-1-214

Tot Ion:244 Resp: 8216957

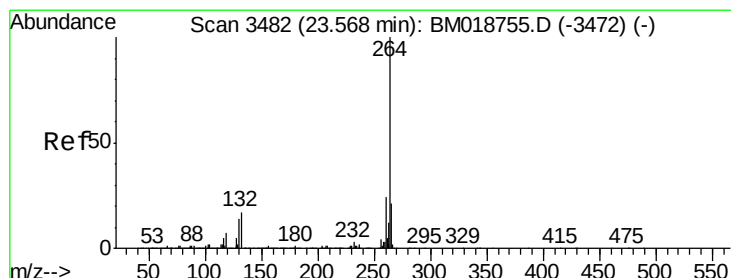
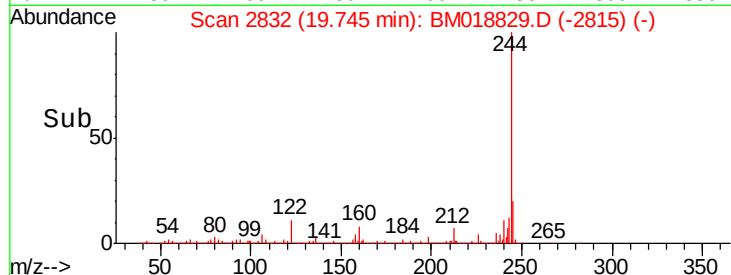
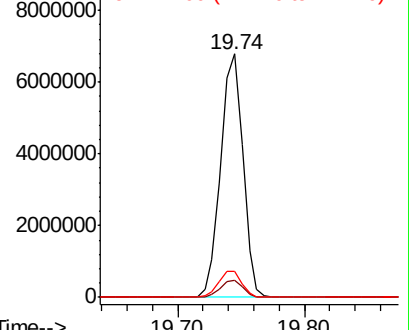
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	10.9	9.3	13.9



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.56 min Scan# 3480

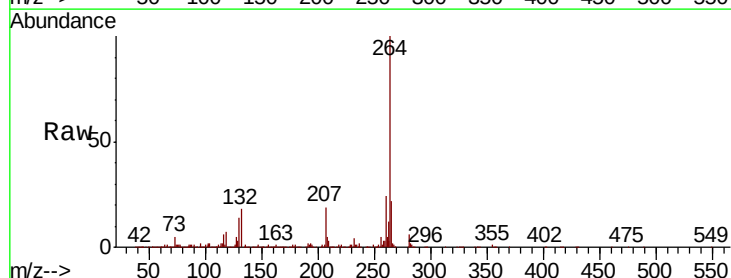
Delta R.T. -0.01 min

Lab File: BM018829.D

Acq: 15 Feb 2019 22:31

Tgt Ion:264 Resp: 1389869

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	22.1	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

