

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
 Data File : BM018407.D
 Acq On : 27 Dec 2018 21:41
 Operator : JU/SJ
 Sample : PB116033BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116033BL

Quant Time: Dec 28 04:38:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM122718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 27 14:18:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	276896	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	1250035	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	780410	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	1885714	20.00	ng	0.00
76) Chrysene-d12	21.36	240	2188842	20.00	ng	-0.01
87) Perylene-d12	23.66	264	2496322	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	4406	0.30	ng	0.00
7) Phenol-d6	6.93	99	10921	0.54	ng	0.00
23) Nitrobenzene-d5	8.95	82	12315	0.57	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	177490	17.90	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	282681	4.91	ng	0.00
79) Terphenyl-d14	19.80	244	3644489	35.48	ng	-0.01

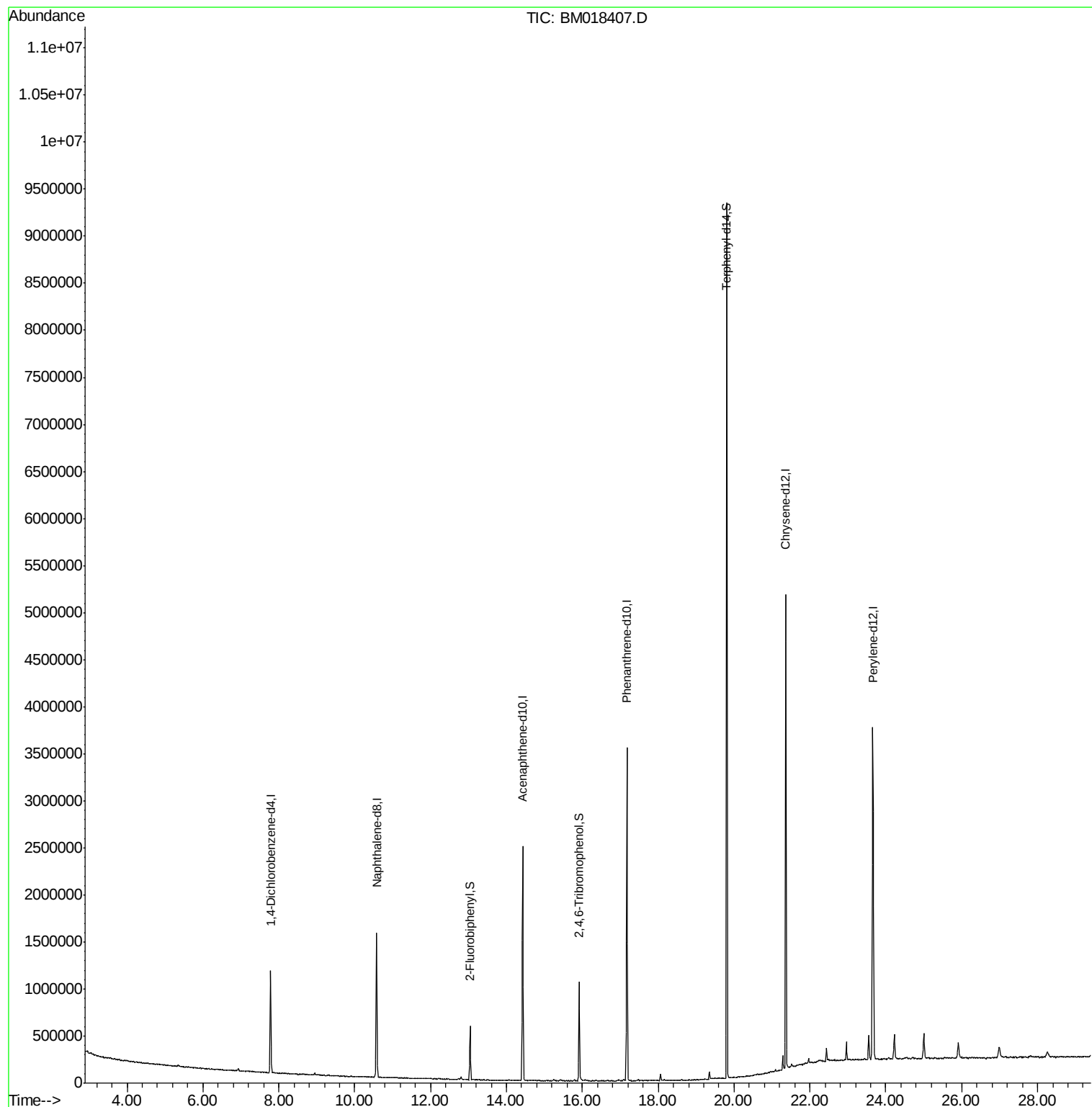
Target Compounds Qvalue

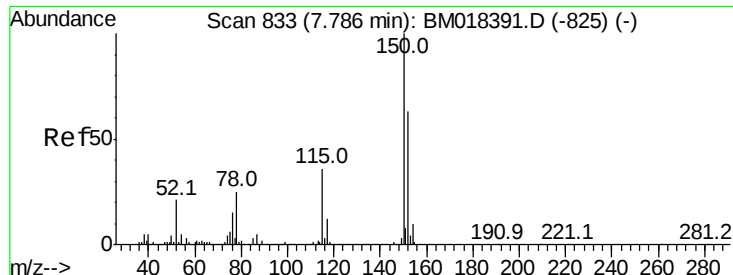
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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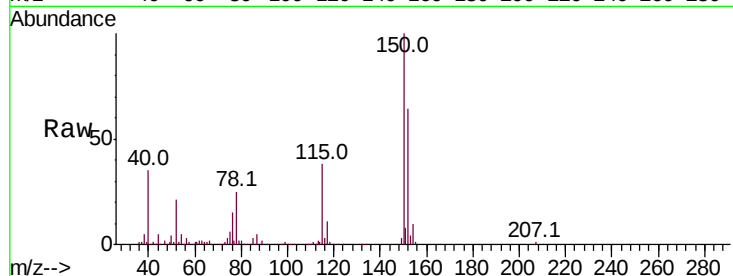


#1

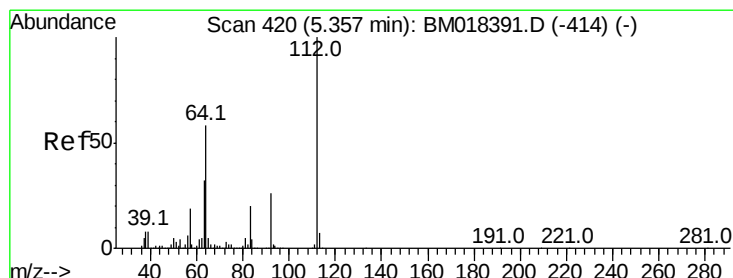
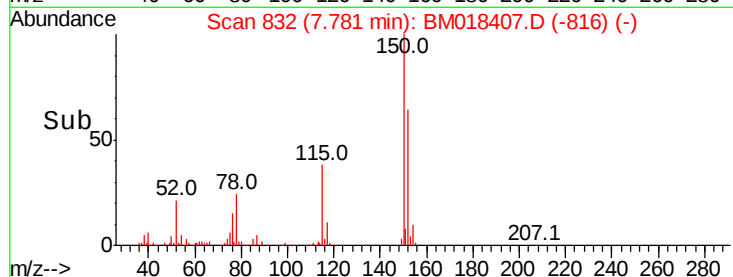
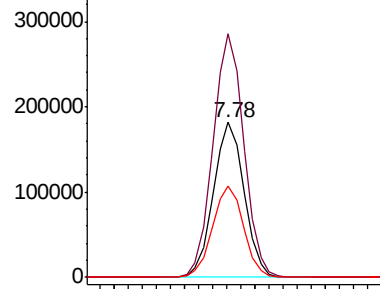
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 832
Delta R.T. -0.01 min
Lab File: BM018407.D
Acq: 27 Dec 2018 21:41

Instrument :
BNA_M
ClientSampleId :
PB116033BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.9	190.3
115	58.8	45.5	68.3



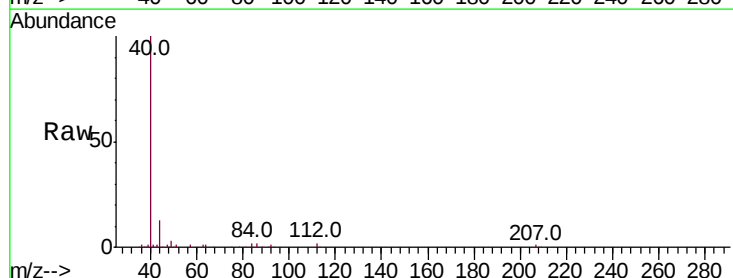
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



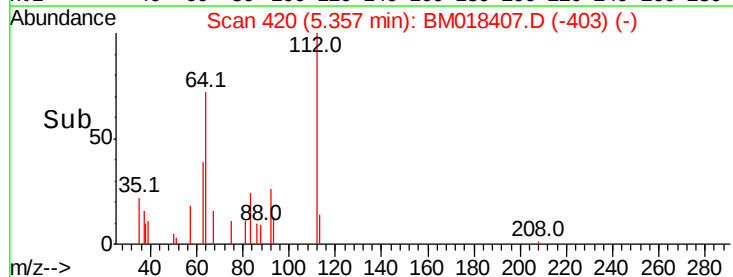
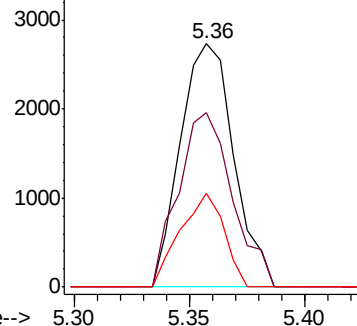
#5

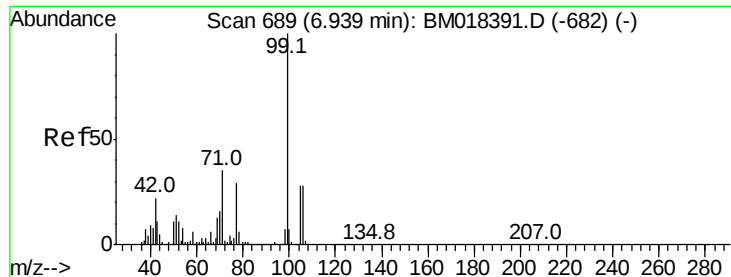
2-Fluorophenol
Concen: 0.300 ng
RT: 5.36 min Scan# 420
Delta R.T. 0.00 min
Lab File: BM018407.D
Acq: 27 Dec 2018 21:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.9	46.5	69.7#
63	38.7	25.2	37.8#



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: 0.536 ng

RT: 6.93 min Scan# 688

Delta R.T. -0.01 min

Lab File: BM018407.D

Acq: 27 Dec 2018 21:41

Instrument :

BNA_M

ClientSampleId :

PB116033BL

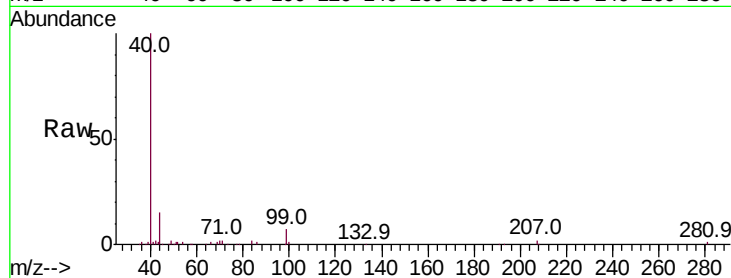
Tot Ion: 99 Resp: 10921

Ion Ratio Lower Upper

99 100

42 21.6 17.3 25.9

71 32.0 28.0 42.0

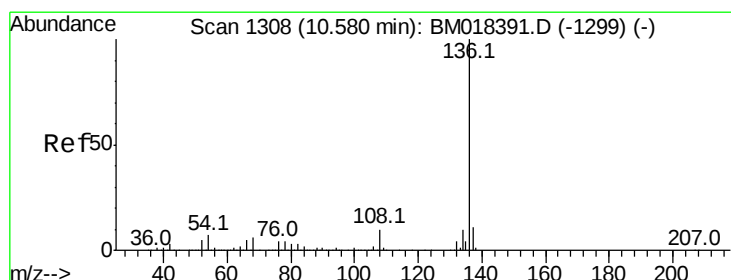
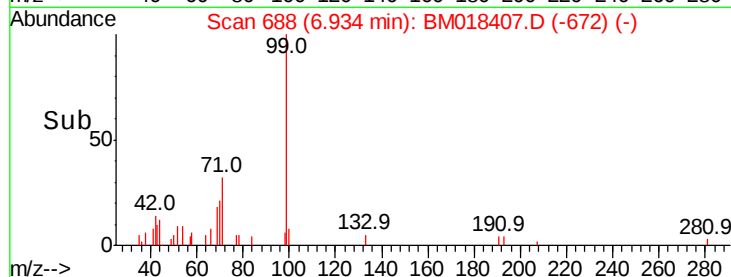
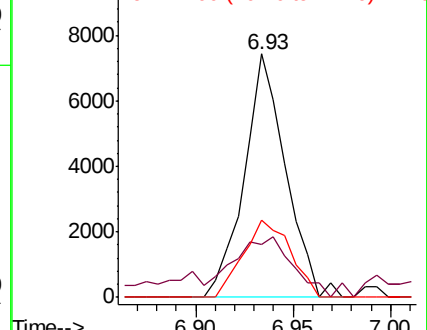


Abundance

Ion 99.00 (98.70 to 99.70): BM018391.D (-682) (-)

Ion 42.00 (41.70 to 42.70): BM018391.D (-682) (-)

Ion 71.00 (70.70 to 71.70): BM018391.D (-682) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.57 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BM018407.D

Acq: 27 Dec 2018 21:41

Tgt Ion: 136 Resp: 1250035

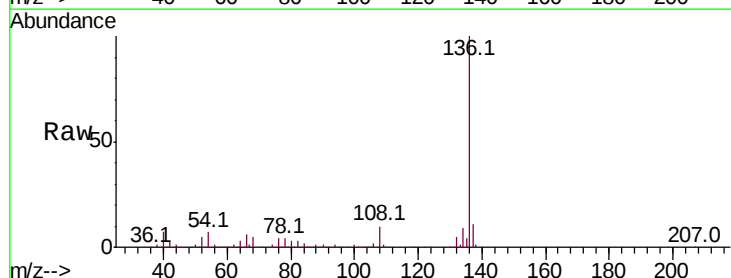
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.1 6.0 9.0

68 5.1 4.5 6.7



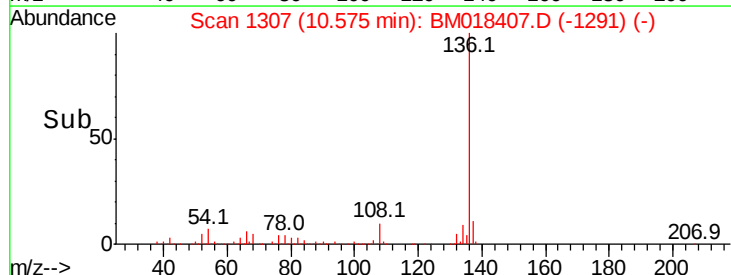
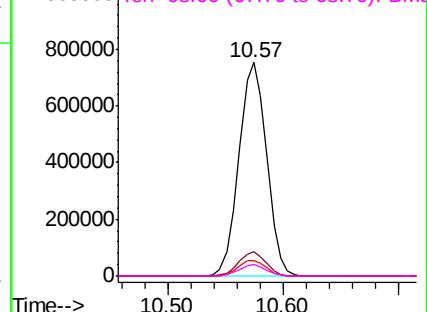
Abundance

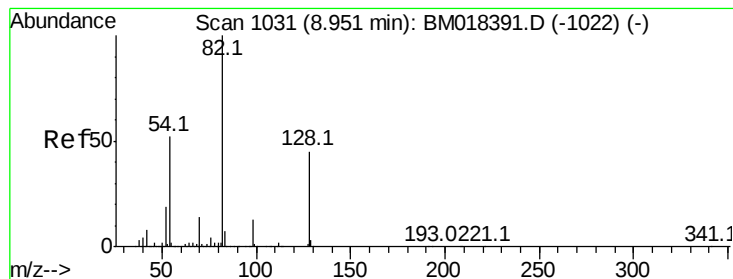
Ion 136.00 (135.70 to 136.70): BM018391.D (-1299) (-)

Ion 137.00 (136.70 to 137.70): BM018391.D (-1299) (-)

Ion 54.00 (53.70 to 54.70): BM018391.D (-1299) (-)

Ion 68.00 (67.70 to 68.70): BM018391.D (-1299) (-)





#23

Nitrobenzene-d5

Concen: 0.565 ng

RT: 8.95 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BM018407.D

Acq: 27 Dec 2018 21:41

Instrument :

BNA_M

ClientSampleId :

PB116033BL

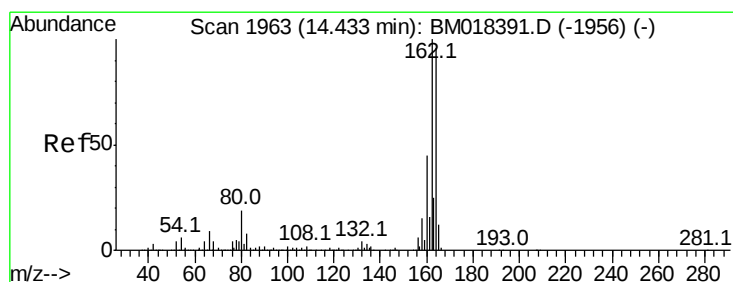
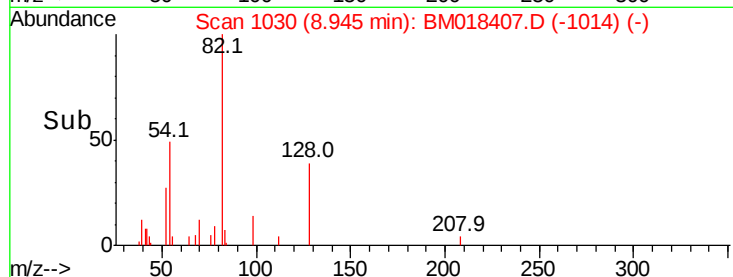
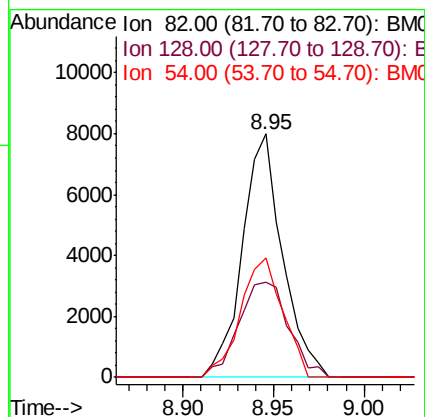
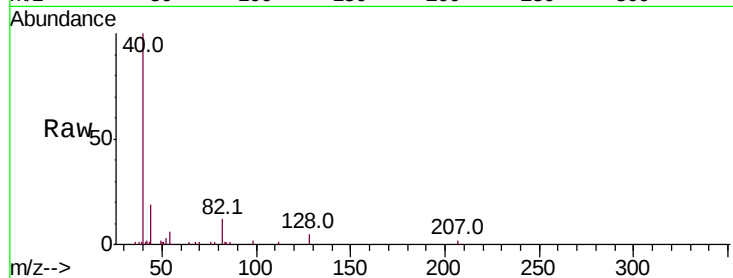
Tot Ion: 82 Resp: 12315

Ion Ratio Lower Upper

82 100

128 39.2 36.3 54.5

54 48.9 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.43 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BM018407.D

Acq: 27 Dec 2018 21:41

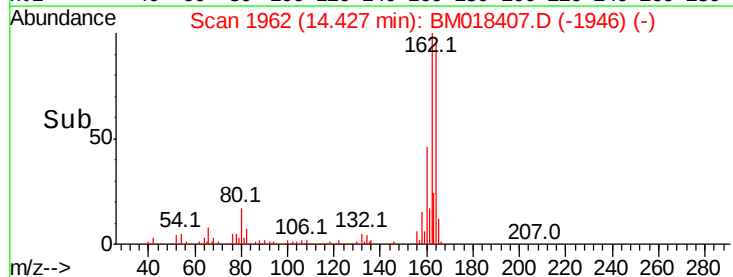
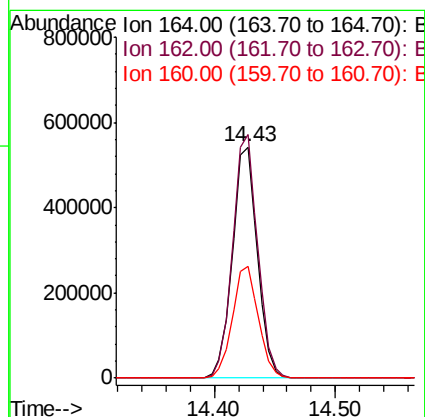
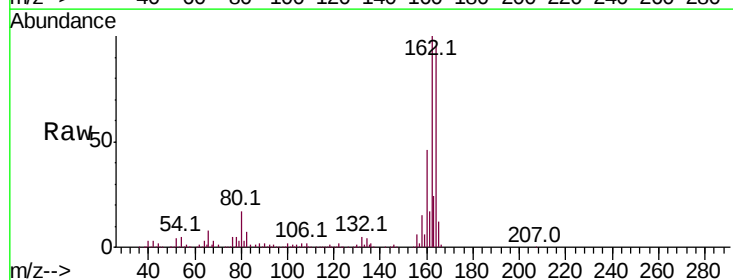
Tgt Ion: 164 Resp: 780410

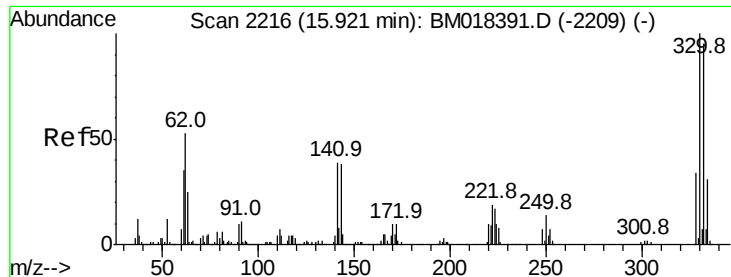
Ion Ratio Lower Upper

164 100

162 105.3 83.0 124.4

160 48.1 37.1 55.7

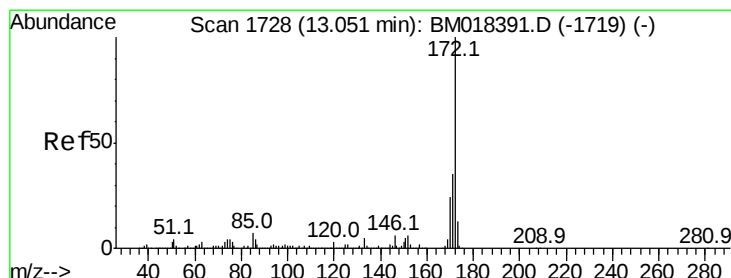
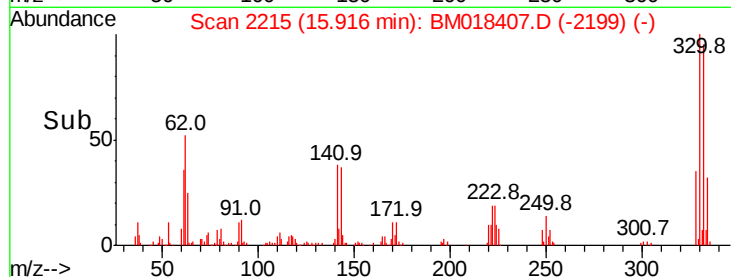
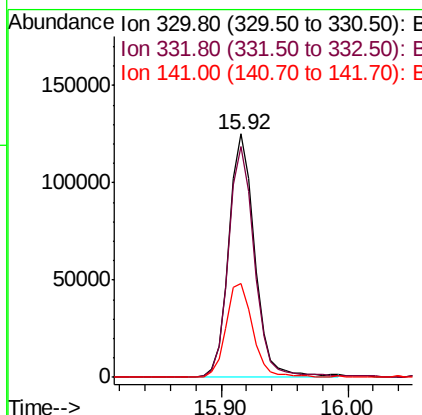
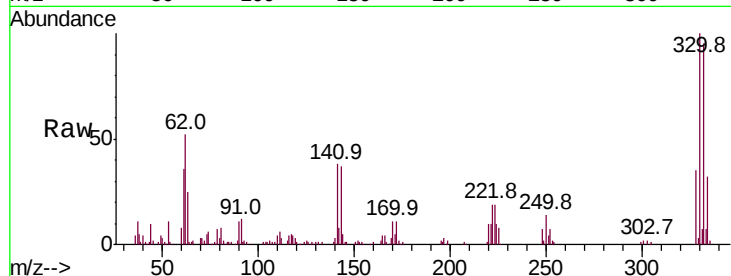




#42
 2,4,6-Tribromophenol
 Concen: 17.900 ng
 RT: 15.92 min Scan# 2215
 Delta R.T. -0.01 min
 Lab File: BM018407.D
 Acq: 27 Dec 2018 21:41

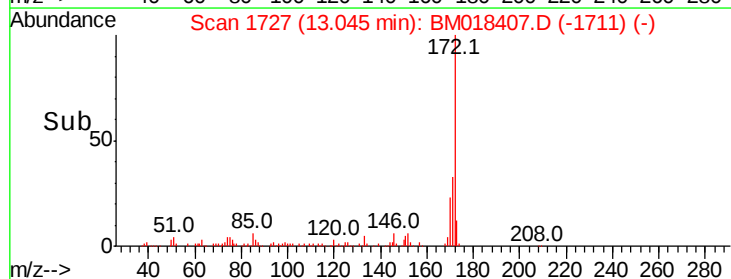
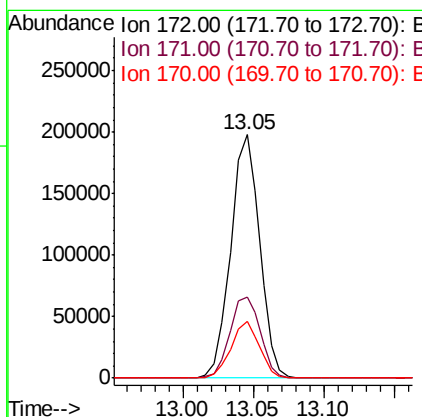
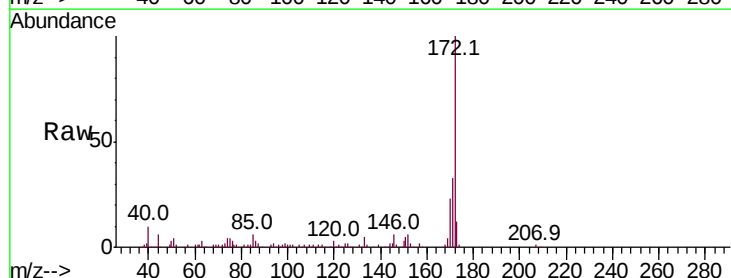
Instrument :
 BNA_M
 ClientSampleId :
 PB116033BL

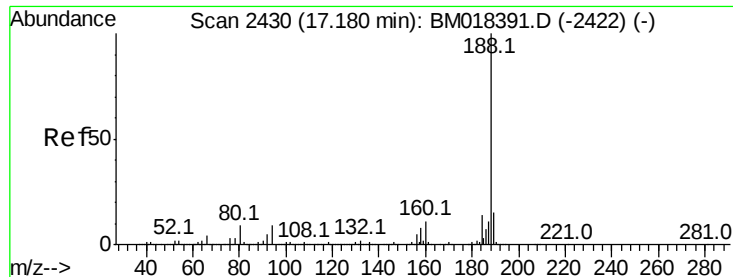
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.6	116.4
141	39.8	31.7	47.5



#45
 2-Fluorobiphenyl
 Concen: 4.906 ng
 RT: 13.05 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BM018407.D
 Acq: 27 Dec 2018 21:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.4	28.2	42.4
170	23.2	18.9	28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.17 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BM018407.D

Acq: 27 Dec 2018 21:41

Instrument :

BNA_M

ClientSampleId :

PB116033BL

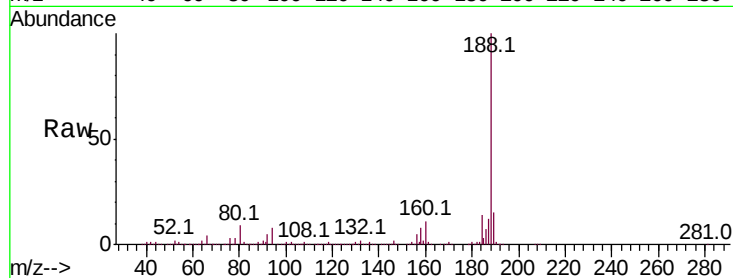
Tot Ion:188 Resp: 1885714

Ion Ratio Lower Upper

188 100

94 7.9 7.1 10.7

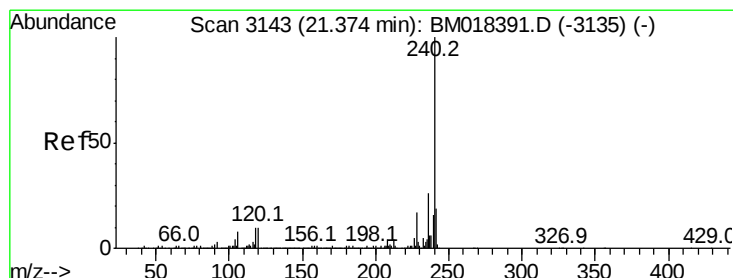
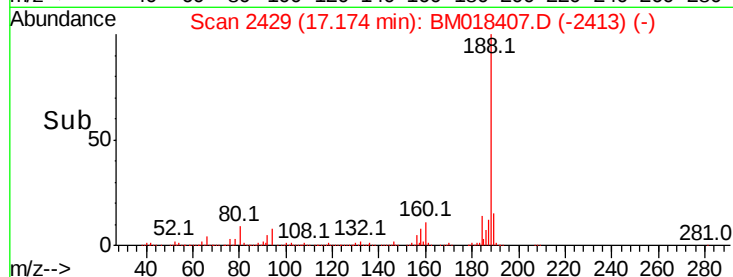
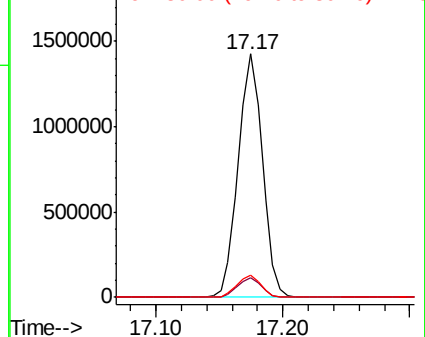
80 9.1 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.36 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BM018407.D

Acq: 27 Dec 2018 21:41

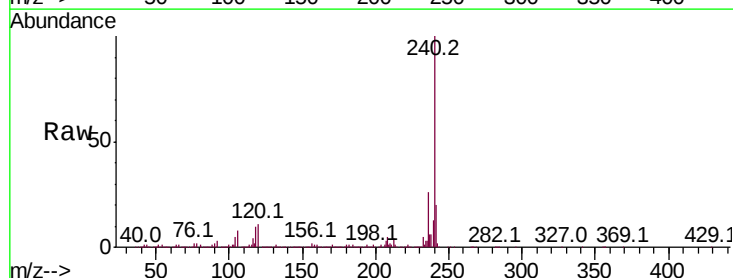
Tgt Ion:240 Resp: 2188842

Ion Ratio Lower Upper

240 100

120 10.7 8.4 12.6

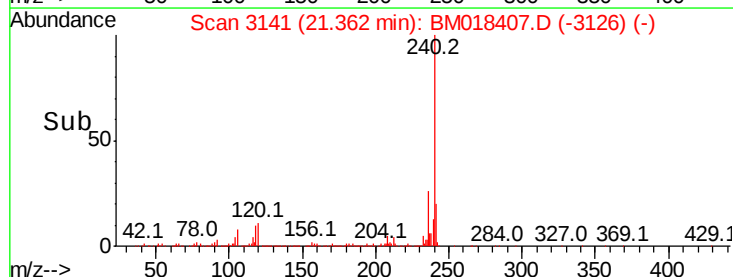
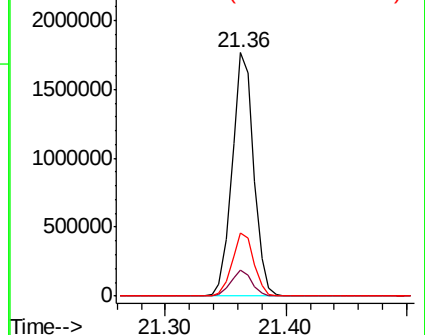
236 26.0 20.7 31.1

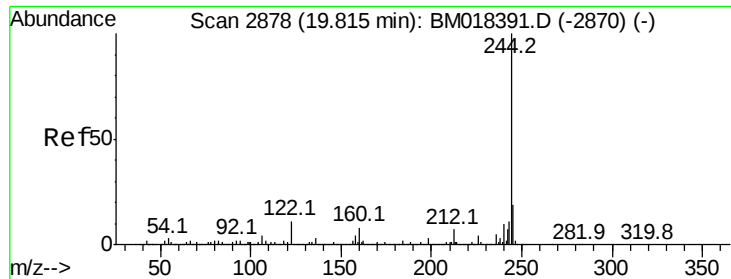


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

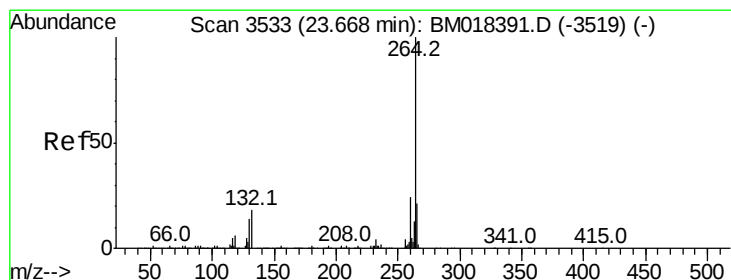
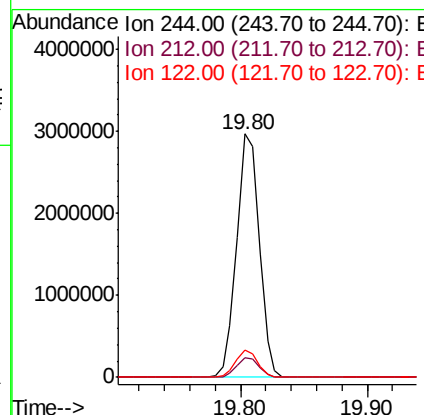
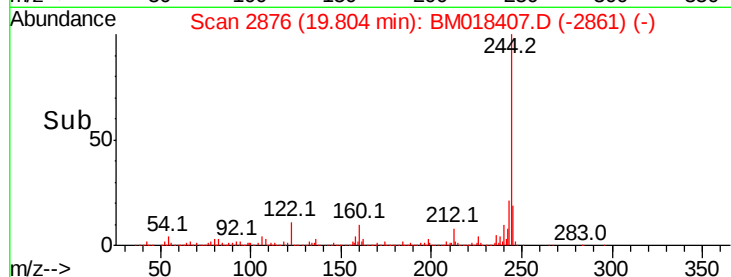
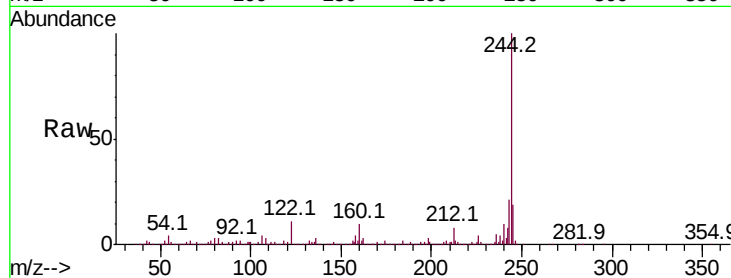




#79
 Terphenyl-d14
 Concen: 35.480 ng
 RT: 19.80 min Scan# 2876
 Delta R.T. -0.01 min
 Lab File: BM018407.D
 Acq: 27 Dec 2018 21:41

Instrument :
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 ClientSampleId :
 PB116033BL

Tot Ion:244 Resp: 3644489
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.9 8.9
 122 11.2 9.0 13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.66 min Scan# 3531
 Delta R.T. -0.01 min
 Lab File: BM018407.D
 Acq: 27 Dec 2018 21:41

Tgt Ion:264 Resp: 2496322
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.9 28.3
 265 21.4 16.8 25.2

