

Data File : BM017889.D
Acq On : 04 Dec 2018 00:19
Operator : JU/SJ
Sample : J5764-30
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JC-02-113018-E

Quant Time: Dec 04 06:58:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 18:37:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	167526	20.00	ng	-0.04
21) Naphthalene-d8	10.35	136	673827	20.00	ng	-0.04
39) Acenaphthene-d10	14.23	164	399588	20.00	ng	-0.04
64) Phenanthrene-d10	16.98	188	895239	20.00	ng	-0.04
76) Chrysene-d12	21.19	240	833584	20.00	ng	-0.03
87) Perylene-d12	23.37	264	709734	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.21	112	1043440	105.12	ng	-0.03
7) Phenol-d6	6.77	99	1242764	89.64	ng	-0.04
23) Nitrobenzene-d5	8.73	82	984590	75.43	ng	-0.04
42) 2,4,6-Tribromophenol	15.73	330	706956	123.13	ng	-0.04
45) 2-Fluorobiphenyl	12.84	172	2506785	81.39	ng	-0.04
79) Terphenyl-d14	19.63	244	3913511	106.40	ng	-0.03

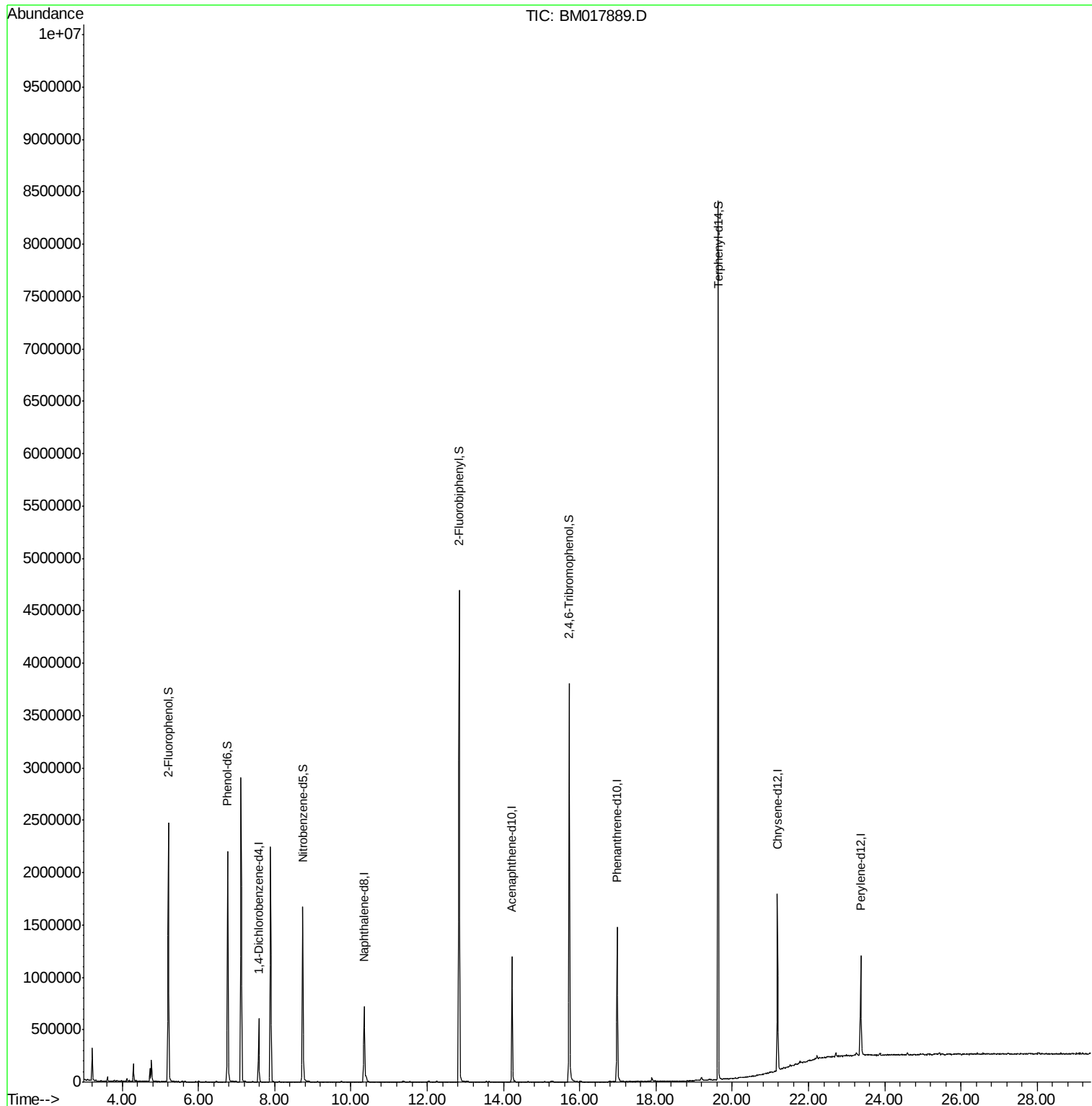
Target Compounds	Qvalue
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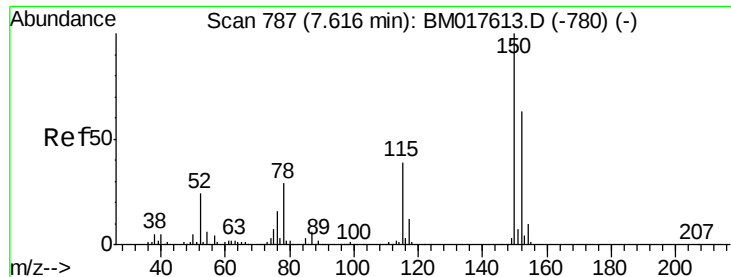
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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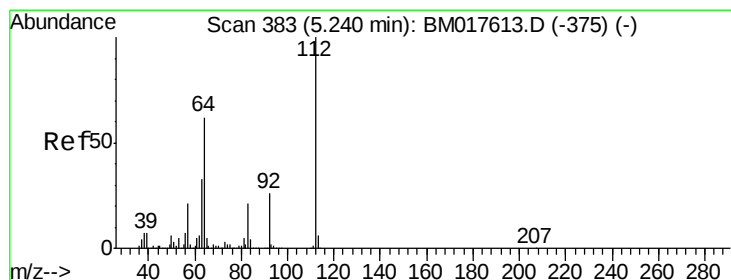
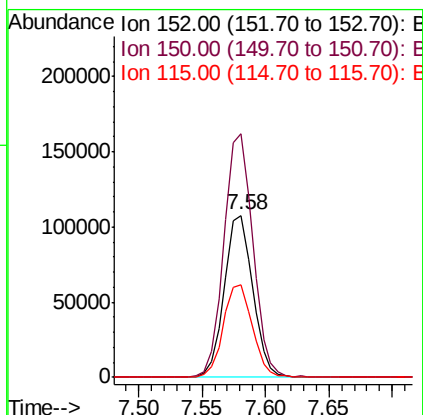
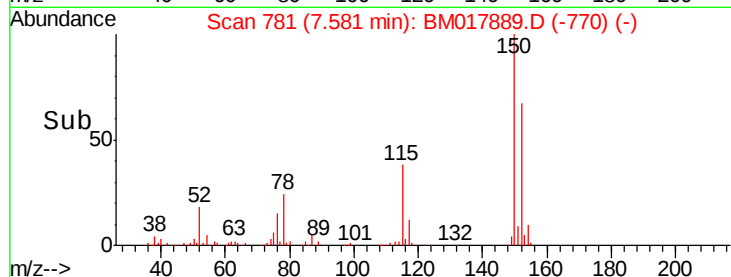
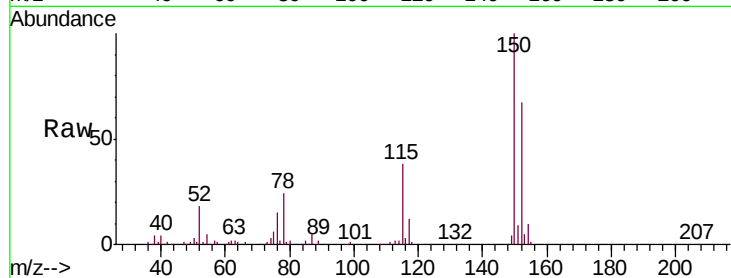


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM017889.D
Acq: 04 Dec 2018 00:19

Instrument :
BNA_M
ClientSampleId :
JC-02-113018-E

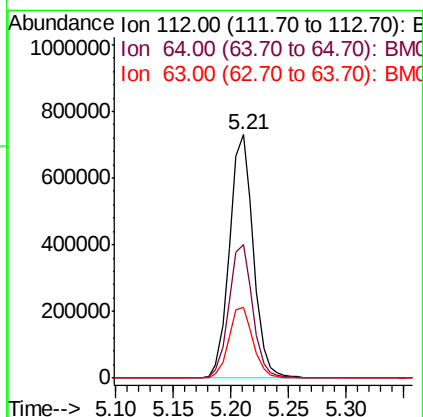
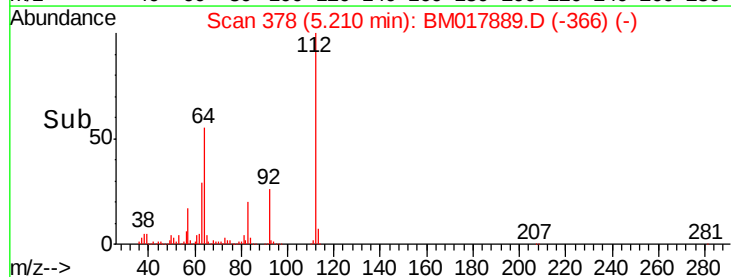
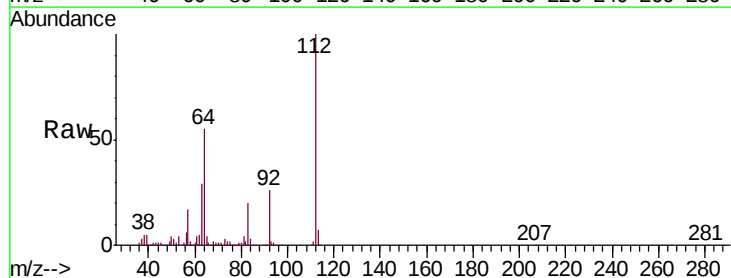
Tgt Ion:152 Resp: 167526
Ion Ratio Lower Upper
152 100
150 150.1 126.4 189.6
115 57.4 49.4 74.0

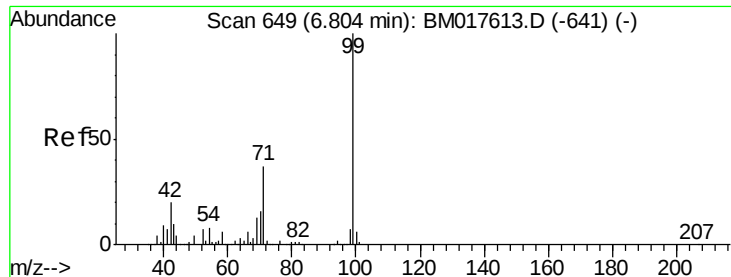


#5

2-Fluorophenol
Concen: 105.116 ng
RT: 5.21 min Scan# 378
Delta R.T. -0.03 min
Lab File: BM017889.D
Acq: 04 Dec 2018 00:19

Tgt Ion:112 Resp: 1043440
Ion Ratio Lower Upper
112 100
64 54.9 49.3 73.9
63 29.1 26.2 39.4





#7

Phenol-d6

Concen: 89.640 ng

RT: 6.77 min Scan# 643

Delta R.T. -0.04 min

Lab File: BM017889.D

Acq: 04 Dec 2018 00:19

Instrument :

BNA_M

ClientSampleId :

JC-02-113018-E

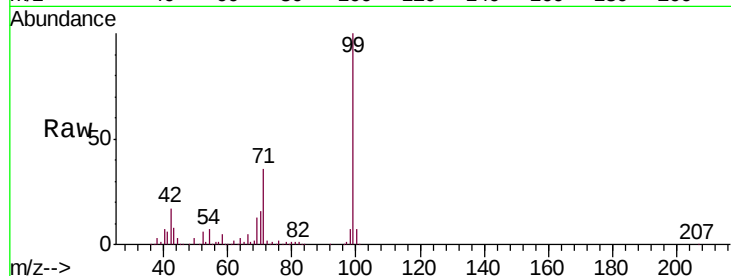
Tgt Ion: 99 Resp: 1242764

Ion Ratio Lower Upper

99 100

42 16.9 16.3 24.5

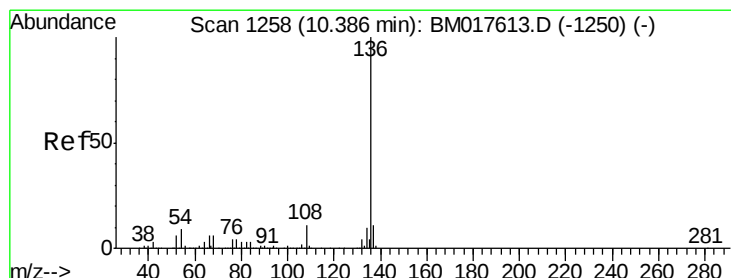
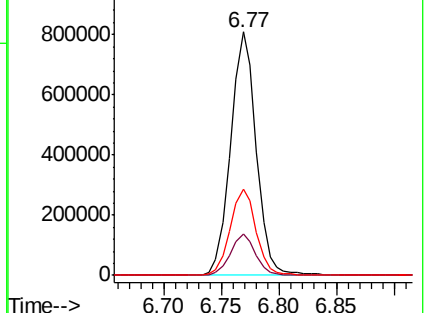
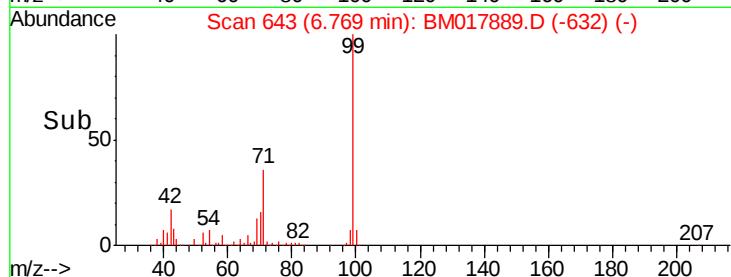
71 35.6 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BM017613.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017613.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017613.D (-641) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1251

Delta R.T. -0.04 min

Lab File: BM017889.D

Acq: 04 Dec 2018 00:19

Tgt Ion: 136 Resp: 673827

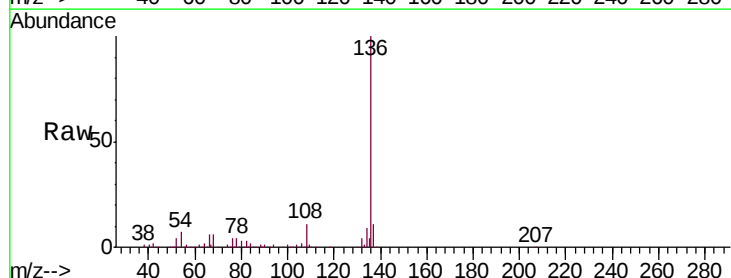
Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 6.9 7.0 10.6#

68 5.9 4.9 7.3

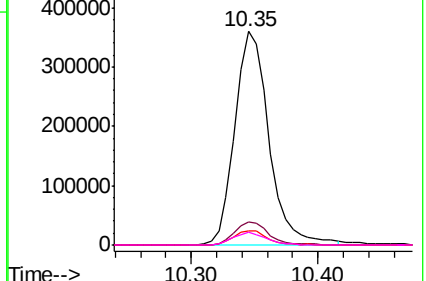
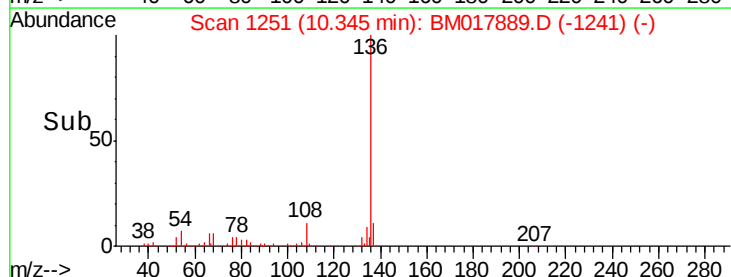


Abundance Ion 136.00 (135.70 to 136.70): BM017613.D (-1250) (-)

Ion 137.00 (136.70 to 137.70): BM017613.D (-1250) (-)

Ion 54.00 (53.70 to 54.70): BM017613.D (-1250) (-)

Ion 68.00 (67.70 to 68.70): BM017613.D (-1250) (-)

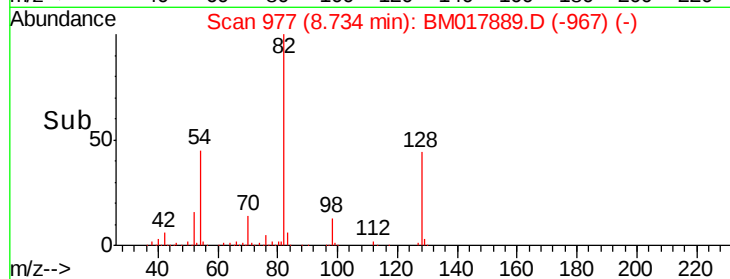
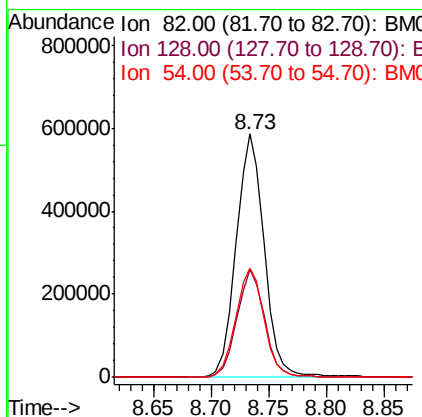
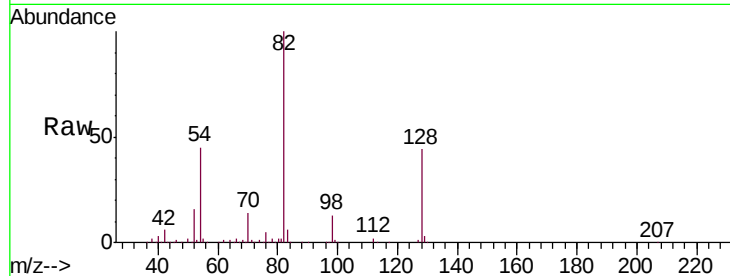




#23
Nitrobenzene-d5
Concen: 75.434 ng
RT: 8.73 min Scan# 977
Delta R.T. -0.04 min
Lab File: BM017889.D
Acq: 04 Dec 2018 00:19

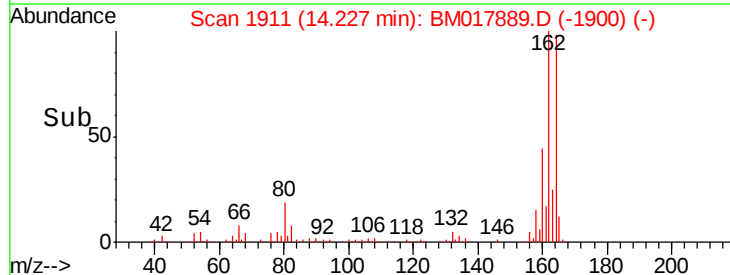
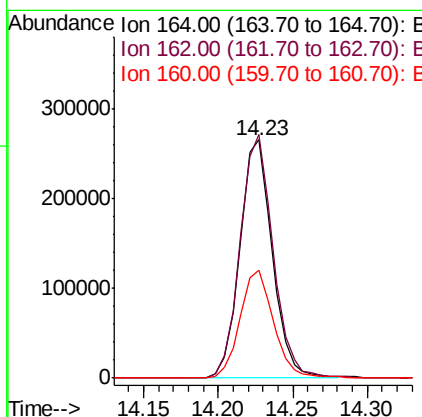
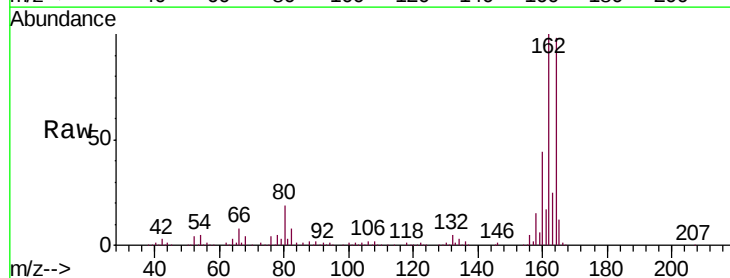
Instrument :
BNA_M
ClientSampleId :
JC-02-113018-E

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.5	33.0	49.4
54	44.9	41.4	62.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.04 min
Lab File: BM017889.D
Acq: 04 Dec 2018 00:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.4	122.0
160	45.2	35.6	53.4

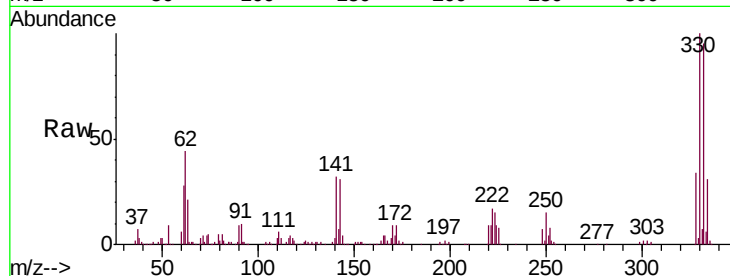




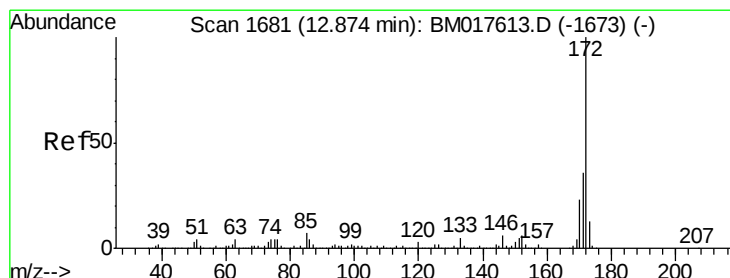
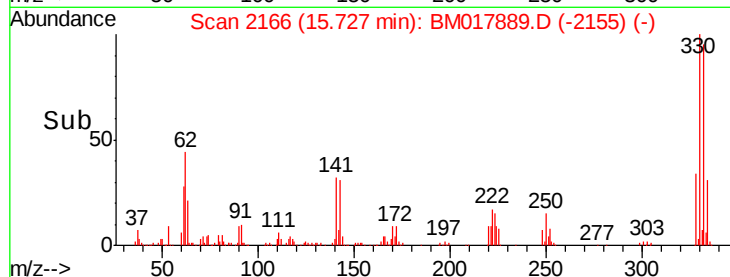
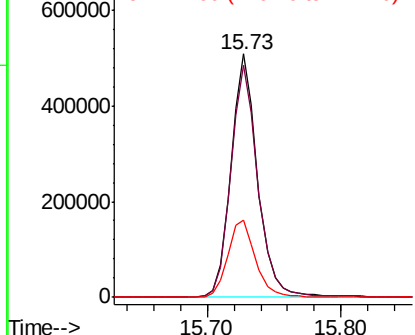
#42
 2,4,6-Tribromophenol
 Concen: 123.131 ng
 RT: 15.73 min Scan# 2166
 Delta R.T. -0.04 min
 Lab File: BM017889.D
 Acq: 04 Dec 2018 00:19

Instrument :
 BNA_M
 ClientSampleId :
 JC-02-113018-E

Tgt Ion:330 Resp: 706956
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.9 116.9
 141 33.2 27.5 41.3

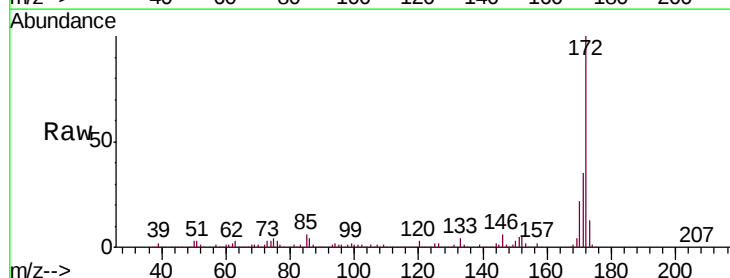


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

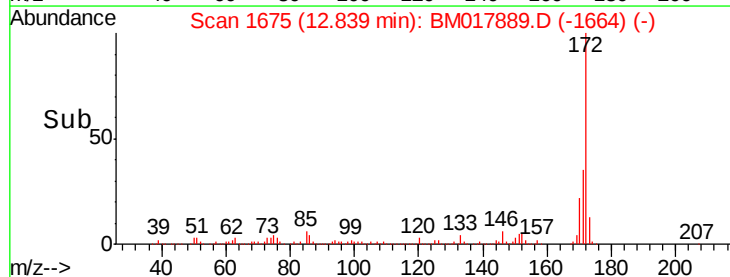
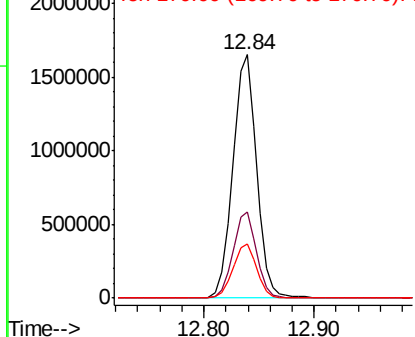


#45
 2-Fluorobiphenyl
 Concen: 81.387 ng
 RT: 12.84 min Scan# 1675
 Delta R.T. -0.04 min
 Lab File: BM017889.D
 Acq: 04 Dec 2018 00:19

Tgt Ion:172 Resp: 2506785
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.7 43.1
 170 22.0 18.3 27.5



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: 16.98 min Scan# 2379

Delta R.T. -0.04 min

Lab File: BM017889.D

Acq: 04 Dec 2018 00:19

Instrument :

BNA_M

ClientSampleId :

JC-02-113018-E

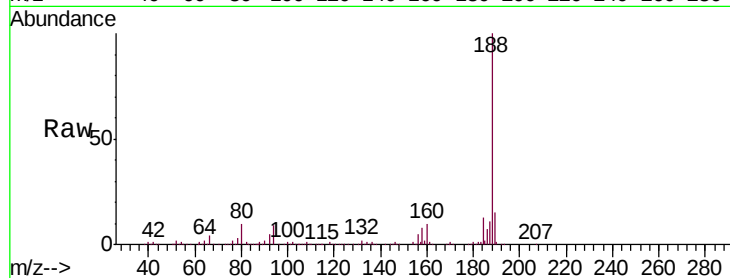
Tgt Ion:188 Resp: 895239

Ion Ratio Lower Upper

188 100

94 8.5 7.5 11.3

80 10.2 8.6 13.0

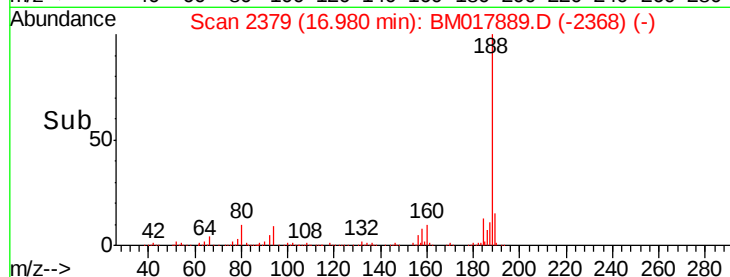


Abundance Ion 188.00 (187.70 to 188.70): E

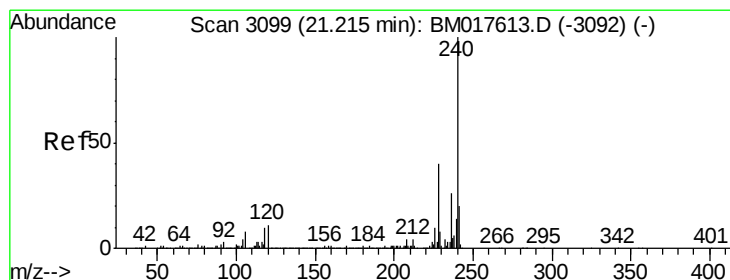
Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM

16.98



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.19 min Scan# 3094

Delta R.T. -0.03 min

Lab File: BM017889.D

Acq: 04 Dec 2018 00:19

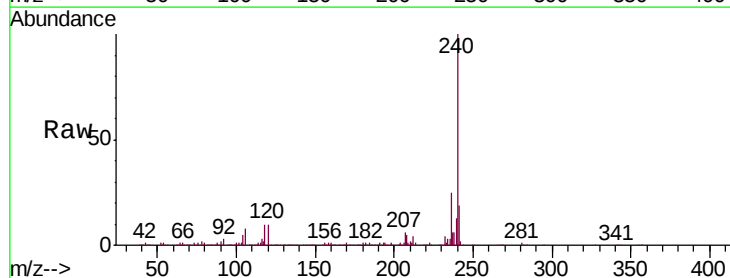
Tgt Ion:240 Resp: 833584

Ion Ratio Lower Upper

240 100

120 10.2 8.5 12.7

236 24.6 20.4 30.6

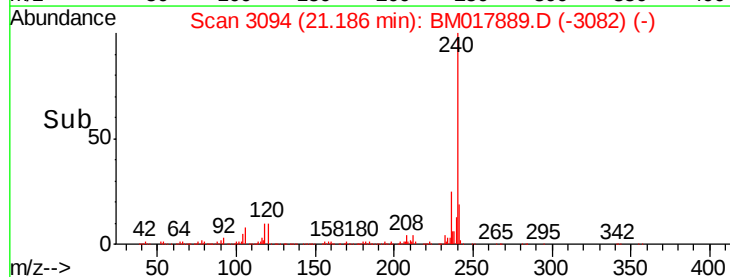


Abundance Ion 240.00 (239.70 to 240.70): E

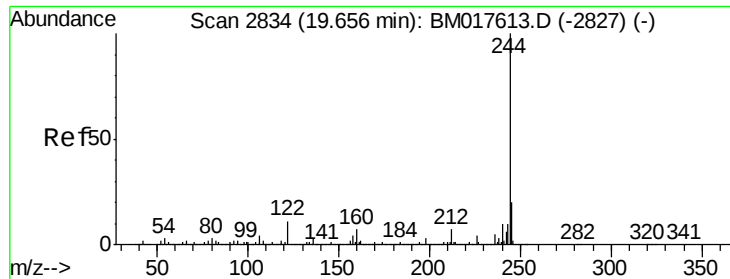
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.19



Time-->



#79

Terphenyl-d14

Concen: 106.404 ng

RT: 19.63 min Scan# 2829

Delta R.T. -0.03 min

Lab File: BM017889.D

Acq: 04 Dec 2018 00:19

Instrument :

BNA_M

ClientSampleId :

JC-02-113018-E

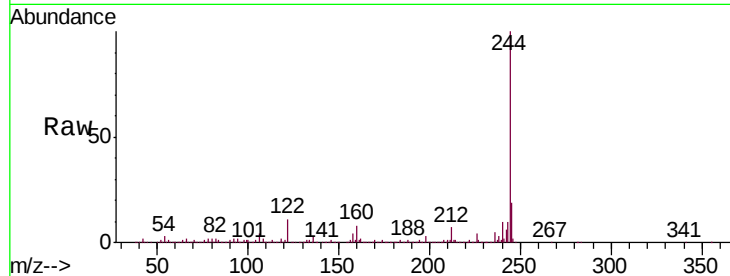
Tgt Ion:244 Resp: 3913511

Ion Ratio Lower Upper

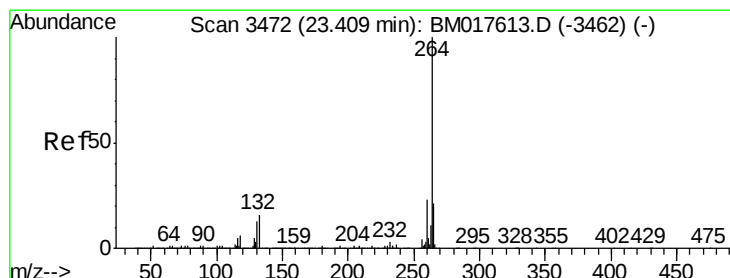
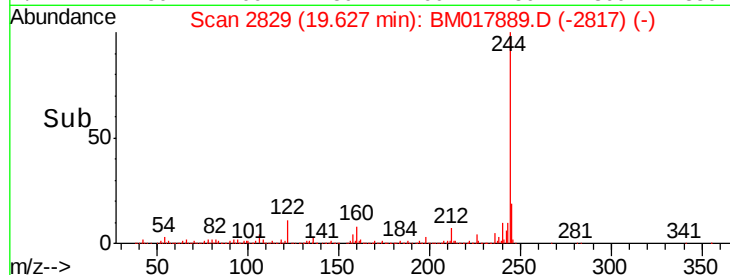
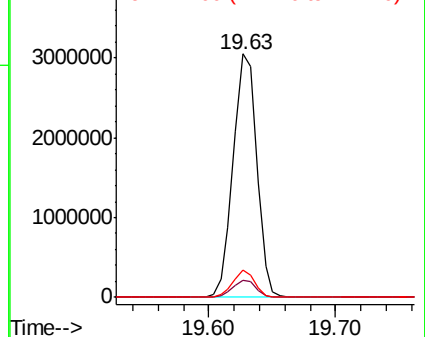
244 100

212 6.8 5.8 8.6

122 11.0 9.0 13.6



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: 23.37 min Scan# 3465

Delta R.T. -0.04 min

Lab File: BM017889.D

Acq: 04 Dec 2018 00:19

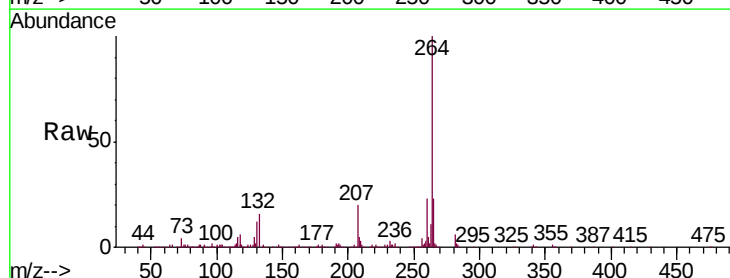
Tgt Ion:264 Resp: 709734

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.2

265 23.0 17.5 26.3



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

