

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120218\
 Data File : BM017875.D
 Acq On : 02 Dec 2018 02:58
 Operator : JU/SJ
 Sample : PB115173BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB115173BL

Quant Time: Dec 03 00:21:17 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	184480	20.00	ng	-0.04
21) Naphthalene-d8	10.35	136	760069	20.00	ng	-0.04
39) Acenaphthene-d10	14.23	164	436283	20.00	ng	-0.04
64) Phenanthrene-d10	16.99	188	985043	20.00	ng	-0.03
76) Chrysene-d12	21.19	240	926962	20.00	ng	-0.02
87) Perylene-d12	23.37	264	800928	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	979190	89.58	ng	-0.03
7) Phenol-d6	6.77	99	1302227	85.30	ng	-0.04
23) Nitrobenzene-d5	8.74	82	1187391	80.65	ng	-0.04
42) 2,4,6-Tribromophenol	15.73	330	483961	77.20	ng	-0.03
45) 2-Fluorobiphenyl	12.84	172	2859883	85.04	ng	-0.04
79) Terphenyl-d14	19.63	244	4188482	102.41	ng	-0.02

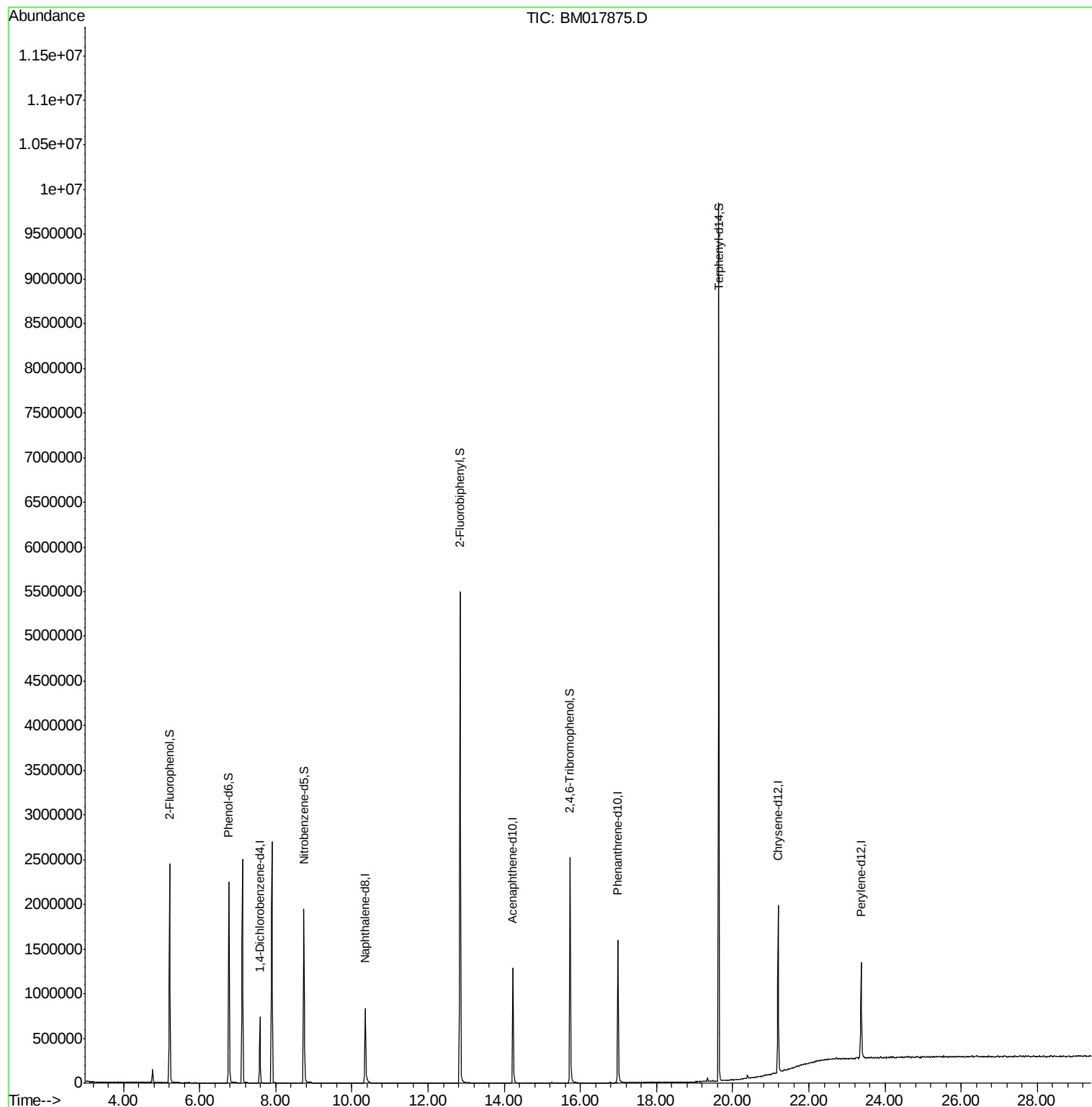
Target Compounds Qvalue

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

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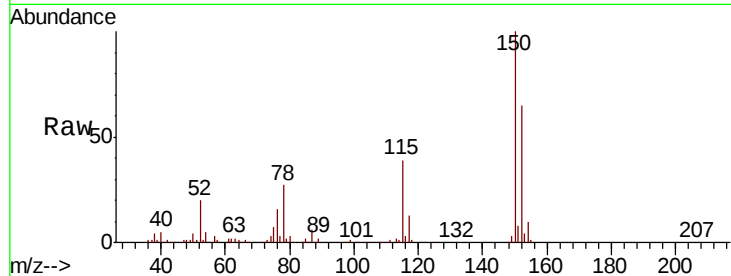


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM017875.D
Acq: 02 Dec 2018 02:58

Instrument :
BNA_M
ClientSampleId :
PB115173BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.4	189.6
115	60.5	49.4	74.0

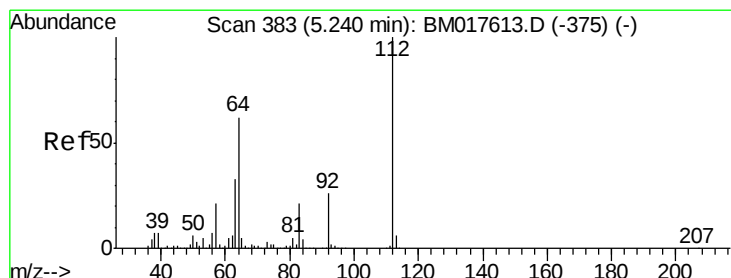
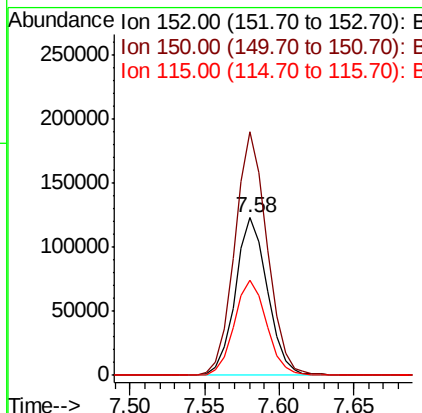
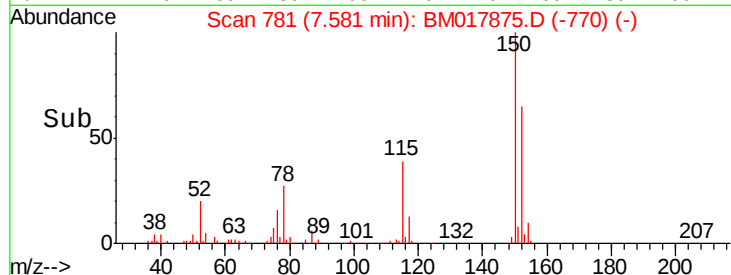


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

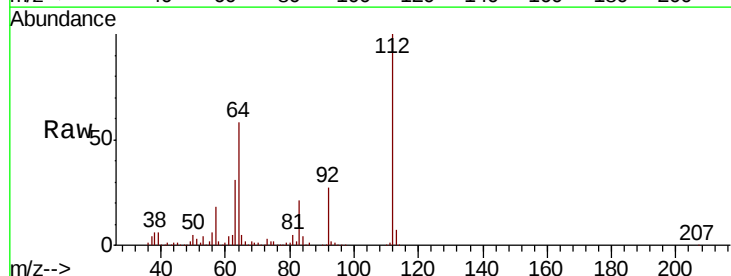
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 89.578 ng
RT: 5.21 min Scan# 378
Delta R.T. -0.03 min
Lab File: BM017875.D
Acq: 02 Dec 2018 02:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	49.3	73.9
63	30.9	26.2	39.4

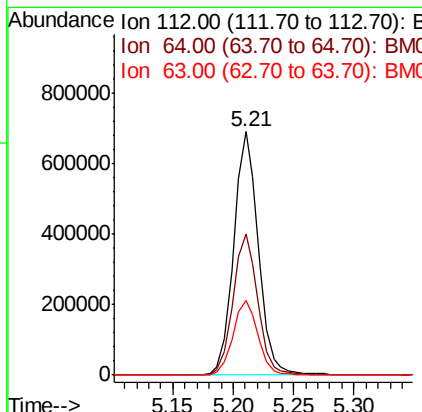
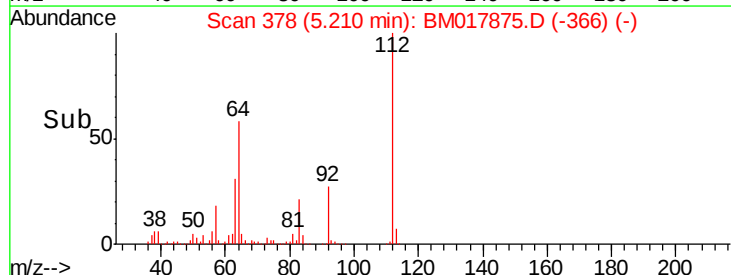


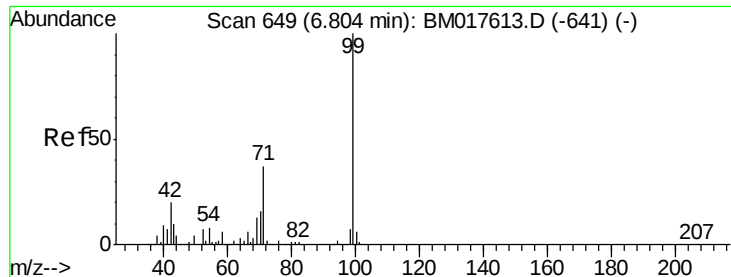
Abundance

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: 85.297 ng

RT: 6.77 min Scan# 643

Delta R.T. -0.04 min

Lab File: BM017875.D

Acq: 02 Dec 2018 02:58

Instrument :

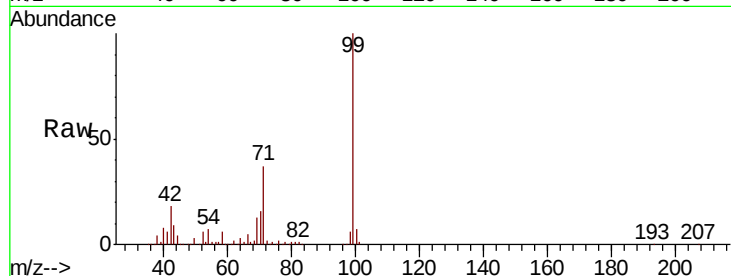
BNA_M

ClientSampleId :

PB115173BL

Tot Ion: 99 Resp: 1302227

Ion	Ratio	Lower	Upper
99	100		
42	18.1	16.3	24.5
71	36.7	29.8	44.8

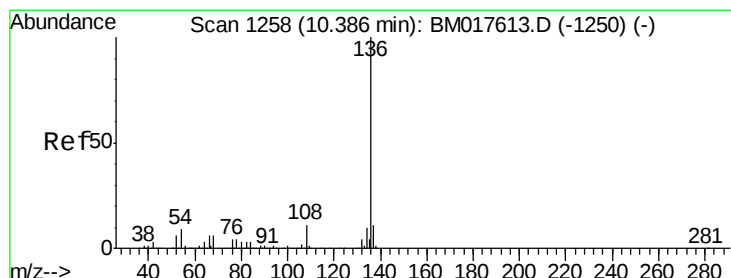
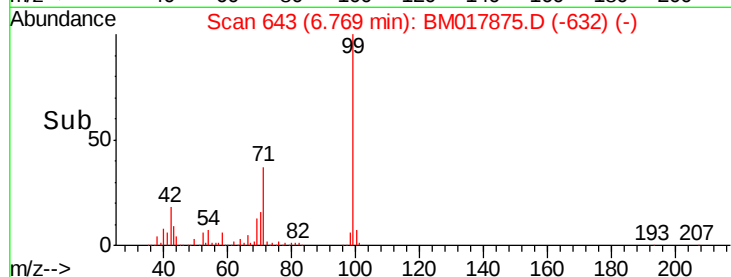
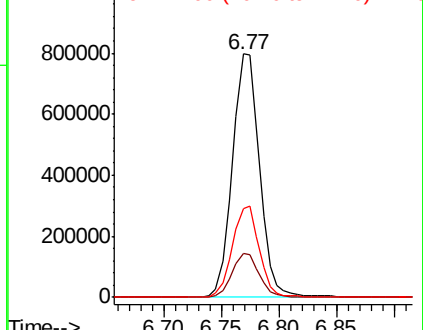


Abundance

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# 1252

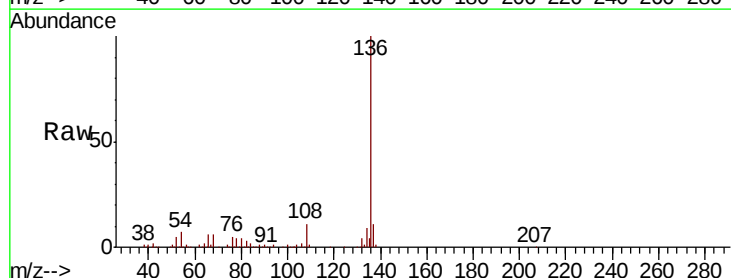
Delta R.T. -0.04 min

Lab File: BM017875.D

Acq: 02 Dec 2018 02:58

Tgt Ion: 136 Resp: 760069

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	7.3	7.0	10.6
68	5.8	4.9	7.3



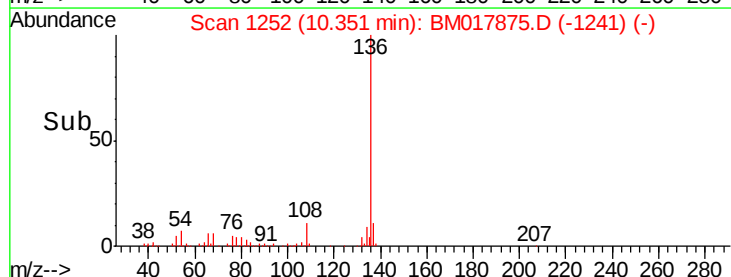
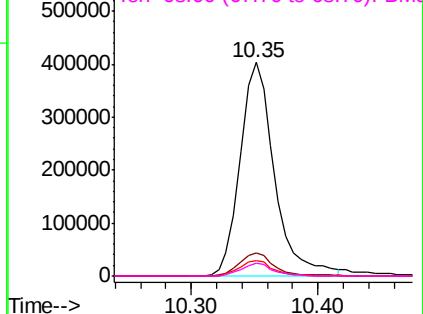
Abundance

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) (-)



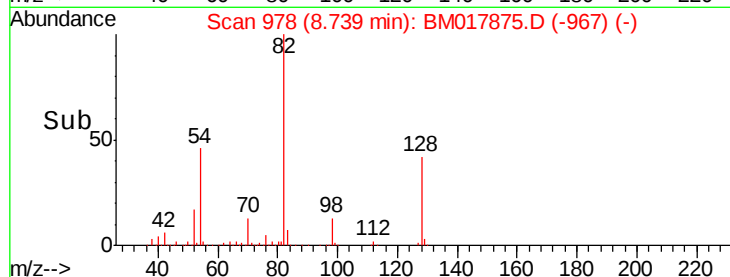
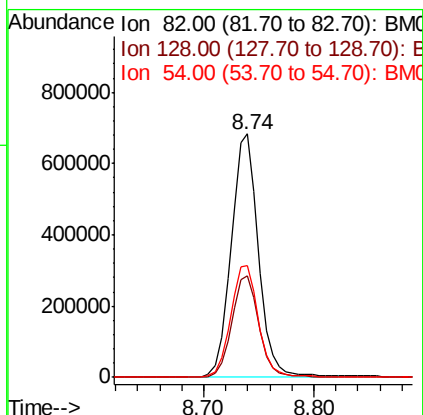
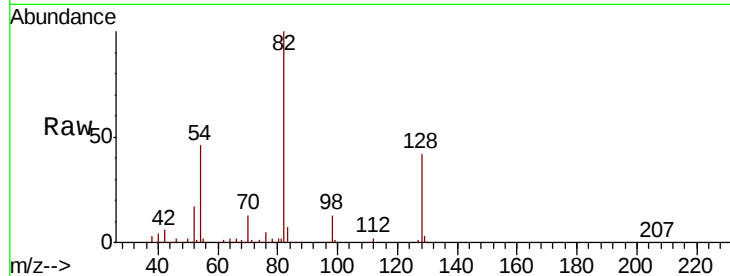


#23
 Nitrobenzene-d5
 Concen: 80.650 ng
 RT: 8.74 min Scan# 978
 Delta R.T. -0.04 min
 Lab File: BM017875.D
 Acq: 02 Dec 2018 02:58

Instrument :
 BNA_M
 ClientSampleId :
 PB115173BL

Tot Ion: 82 Resp: 1187391

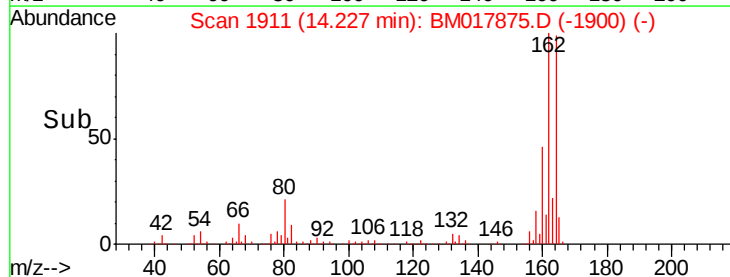
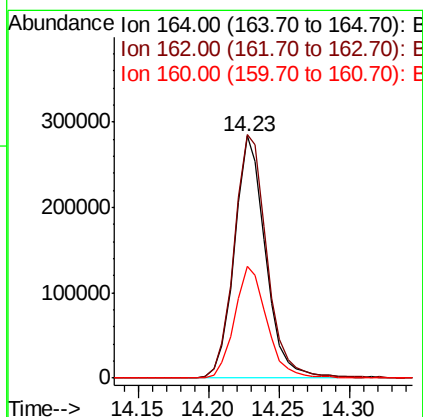
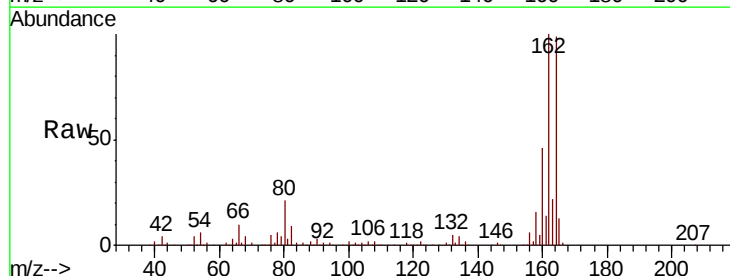
Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.0	49.4
54	45.9	41.4	62.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.23 min Scan# 1911
 Delta R.T. -0.04 min
 Lab File: BM017875.D
 Acq: 02 Dec 2018 02:58

Tgt Ion: 164 Resp: 436283

Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.4	122.0
160	46.1	35.6	53.4

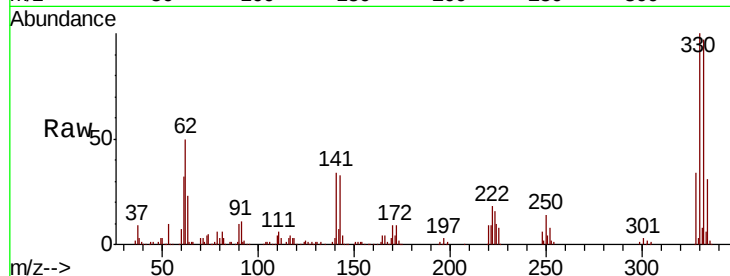




#42
 2,4,6-Tribromophenol
 Concen: 77.202 ng
 RT: 15.73 min Scan# 2167
 Delta R.T. -0.03 min
 Lab File: BM017875.D
 Acq: 02 Dec 2018 02:58

Instrument :
 BNA_M
 ClientSampleId :
 PB115173BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.9	116.9
141	36.4	27.5	41.3

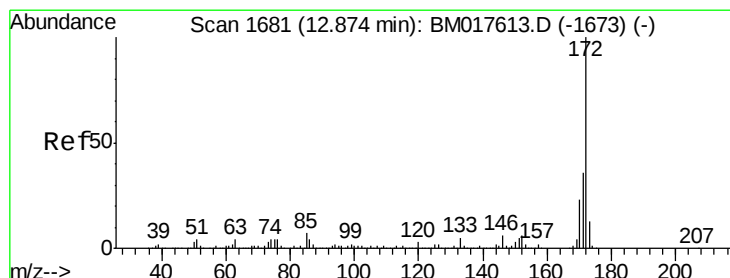
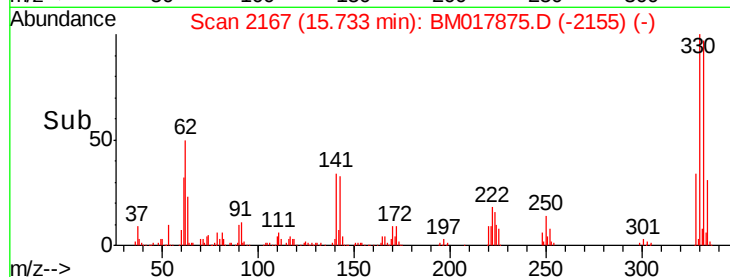
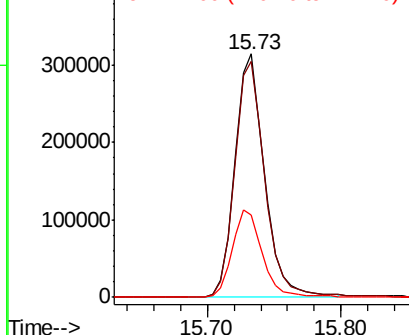


Abundance

Ion 329.80 (329.50 to 330.50): E

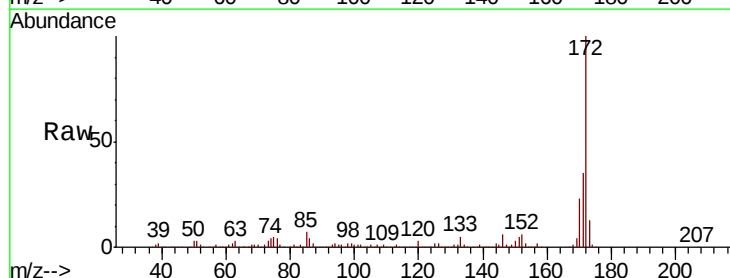
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 85.042 ng
 RT: 12.84 min Scan# 1675
 Delta R.T. -0.04 min
 Lab File: BM017875.D
 Acq: 02 Dec 2018 02:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.7	43.1
170	22.8	18.3	27.5

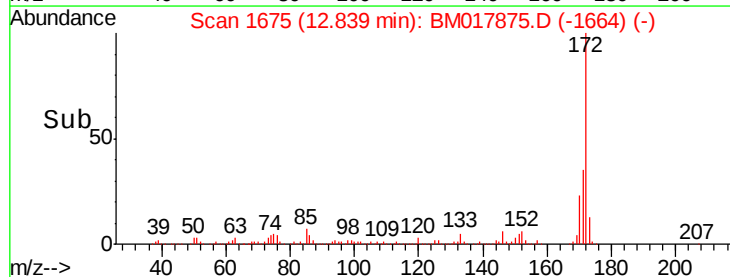
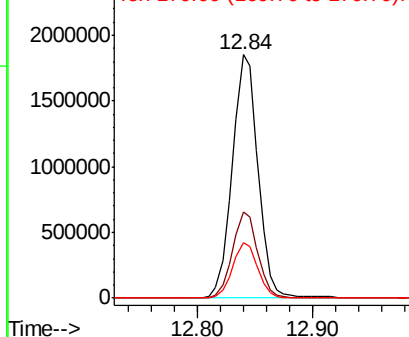


Abundance

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: 16.99 min Scan# 2380

Delta R.T. -0.03 min

Lab File: BM017875.D

Acq: 02 Dec 2018 02:58

Instrument :

BNA_M

ClientSampleId :

PB115173BL

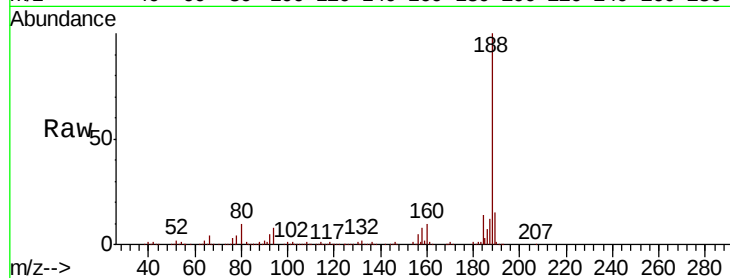
Tot Ion:188 Resp: 985043

Ion Ratio Lower Upper

188 100

94 8.3 7.5 11.3

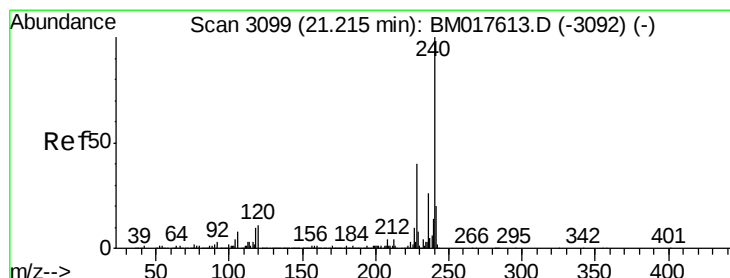
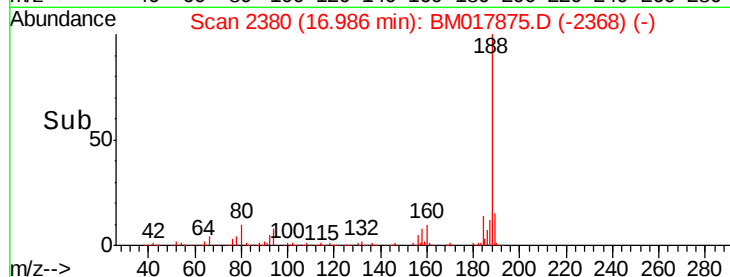
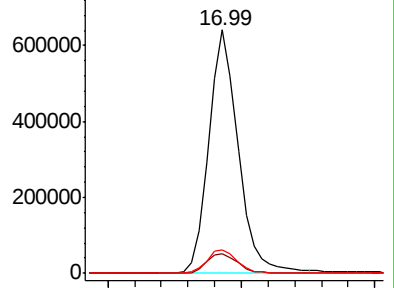
80 9.9 8.6 13.0



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.19 min Scan# 3095

Delta R.T. -0.02 min

Lab File: BM017875.D

Acq: 02 Dec 2018 02:58

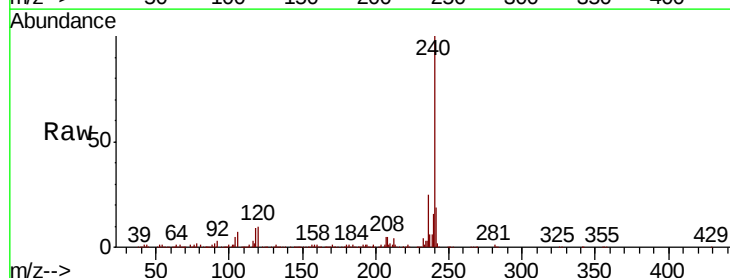
Tgt Ion:240 Resp: 926962

Ion Ratio Lower Upper

240 100

120 9.6 8.5 12.7

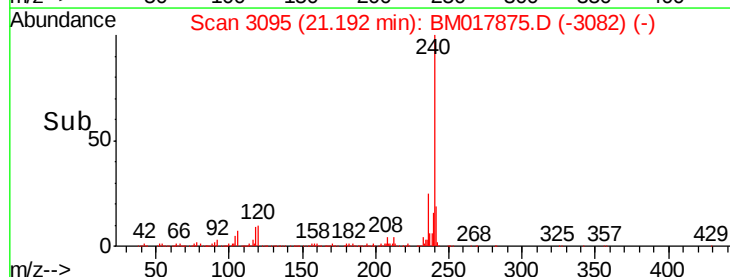
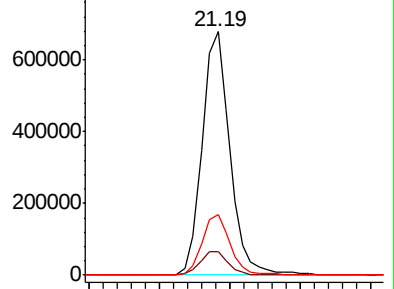
236 24.9 20.4 30.6

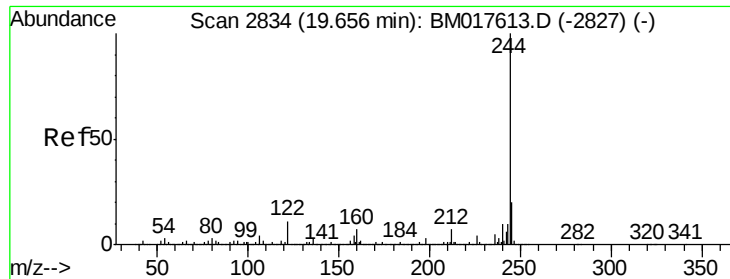


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 102.408 ng

RT: 19.63 min Scan# 2830

Delta R.T. -0.02 min

Lab File: BM017875.D

Acq: 02 Dec 2018 02:58

Instrument :

BNA_M

ClientSampleId :

PB115173BL

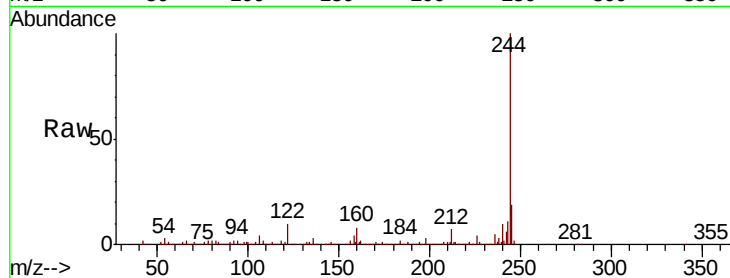
Tot Ion:244 Resp: 4188482

Ion Ratio Lower Upper

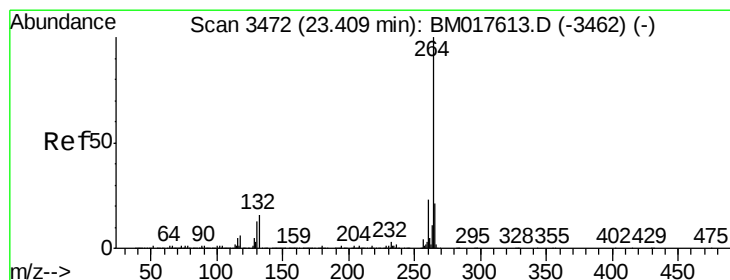
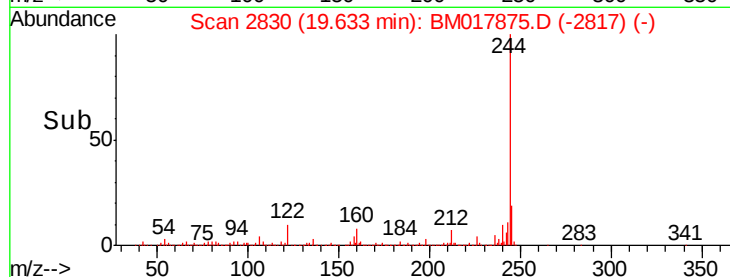
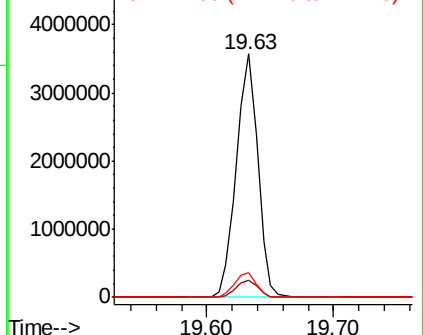
244 100

212 7.2 5.8 8.6

122 10.1 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# 3466

Delta R.T. -0.04 min

Lab File: BM017875.D

Acq: 02 Dec 2018 02:58

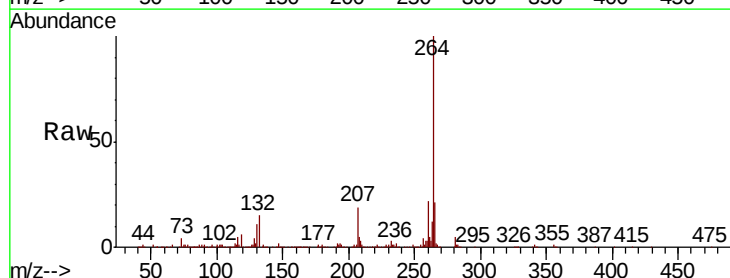
Tgt Ion:264 Resp: 800928

Ion Ratio Lower Upper

264 100

260 22.2 18.2 27.2

265 21.5 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

