

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111618\
 Data File : BM017675.D
 Acq On : 16 Nov 2018 11:54
 Operator : MJ/SJ
 Sample : PB114851TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 16 13:33:47 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	7.61	152	172173	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	633212	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	359965	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	823423	20.00	ng	0.00
76) Chrysene-d12	21.22	240	805424	20.00	ng	0.00
87) Perylene-d12	23.41	264	682794	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1315793	128.97	ng	0.00
7) Phenol-d6	6.80	99	1705857	119.72	ng	0.00
23) Nitrobenzene-d5	8.76	82	1054299	85.96	ng	-0.01
42) 2,4,6-Tribromophenol	15.76	330	613770	118.67	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	2385482	85.97	ng	0.00
79) Terphenyl-d14	19.66	244	3676137	103.44	ng	0.00

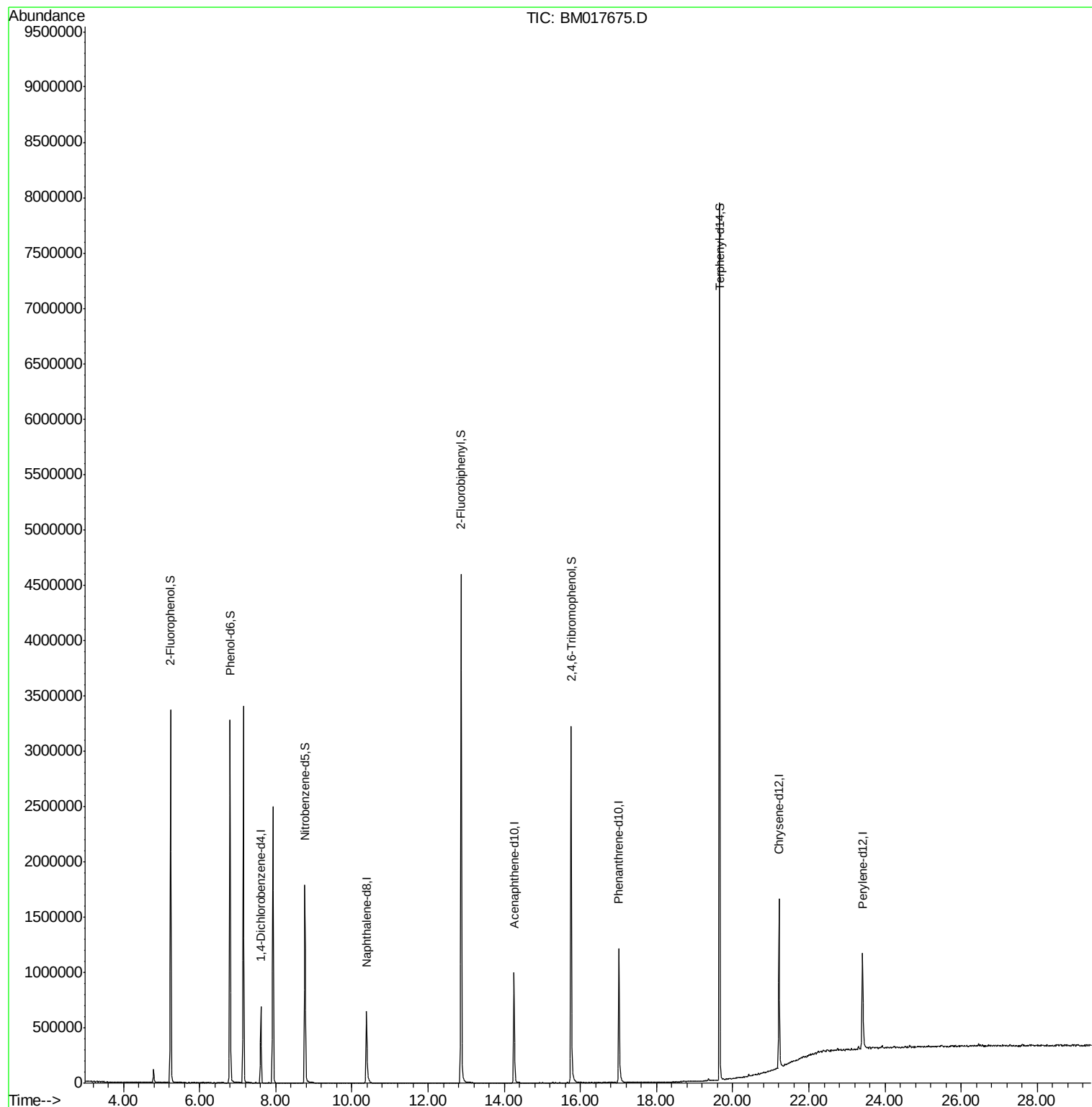
Target Compounds Qvalue

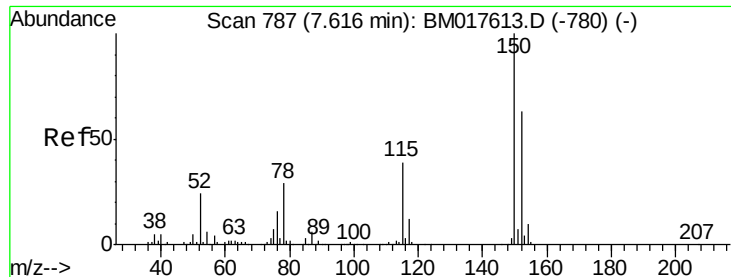
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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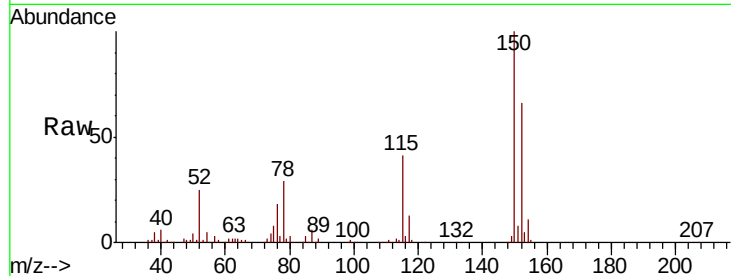


#1

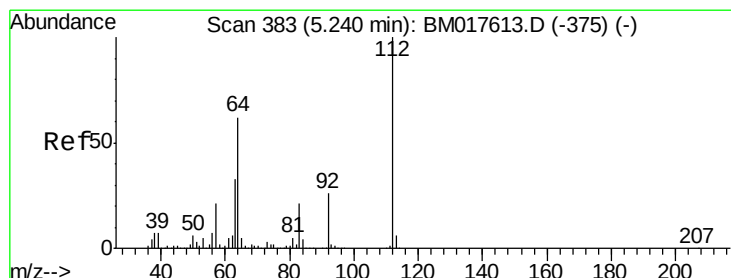
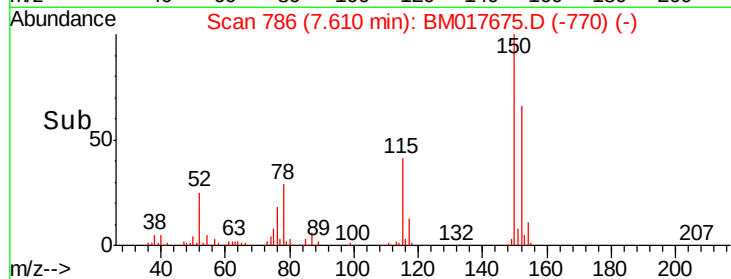
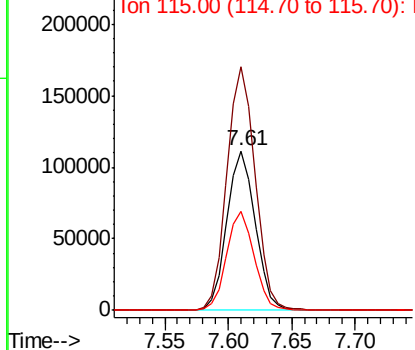
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM017675.D
Acq: 16 Nov 2018 11:54

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 172173
Ion Ratio Lower Upper
152 100
150 152.6 126.4 189.6
115 62.4 49.4 74.0



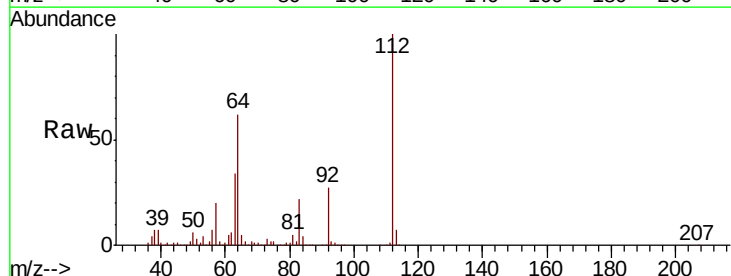
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



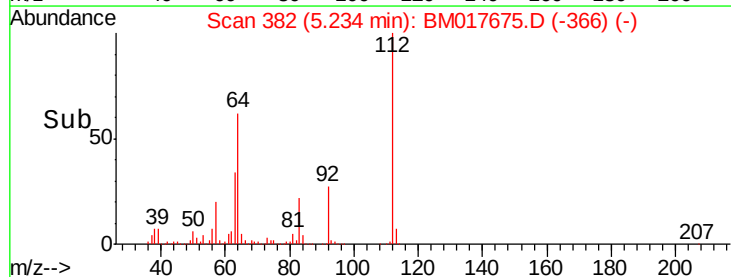
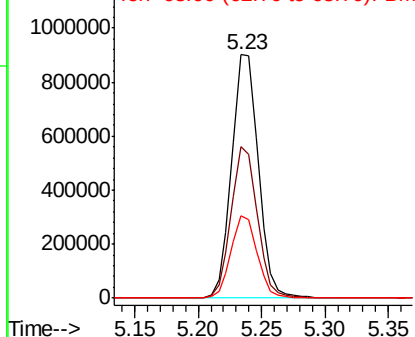
#5

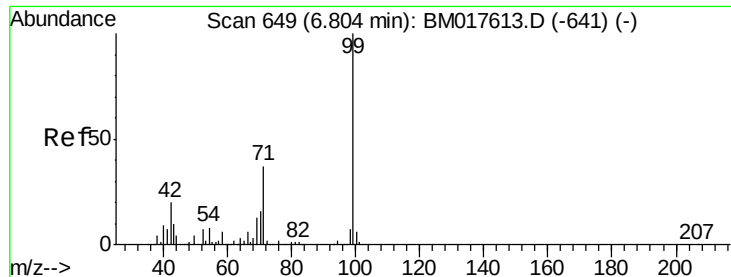
2-Fluorophenol
Concen: 128.975 ng
RT: 5.23 min Scan# 382
Delta R.T. -0.01 min
Lab File: BM017675.D
Acq: 16 Nov 2018 11:54

Tgt Ion:112 Resp: 1315793
Ion Ratio Lower Upper
112 100
64 62.0 49.3 73.9
63 33.8 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: 119.722 ng

RT: 6.80 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM017675.D

Acq: 16 Nov 2018 11:54

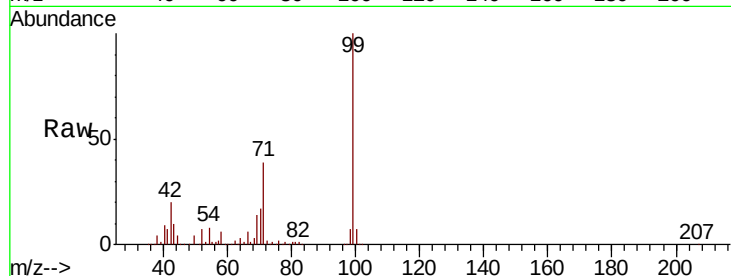
Instrument :

BNA_M

ClientSampled :

Tot Ion: 99 Resp: 1705857

Ion	Ratio	Lower	Upper
99	100		
42	20.0	16.3	24.5
71	38.8	29.8	44.8

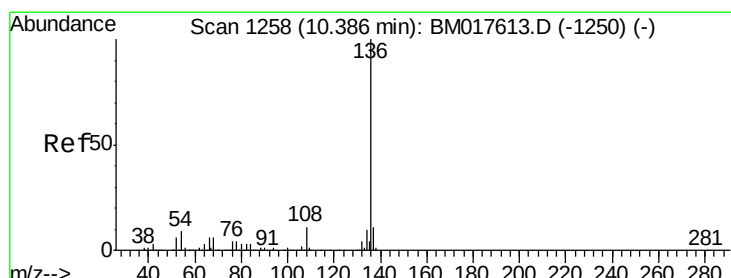
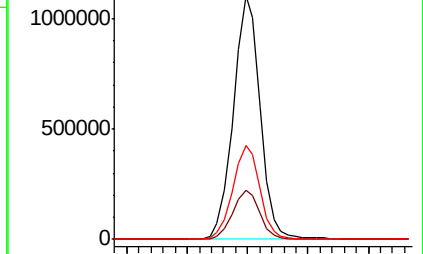
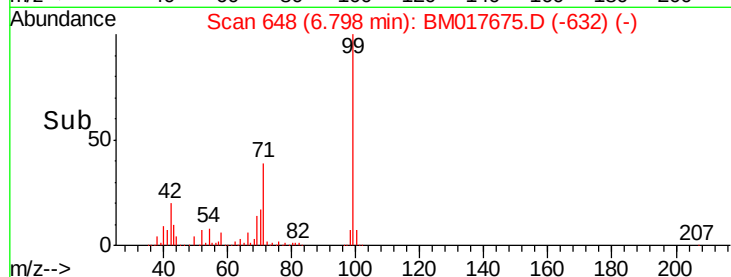


Abundance

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: 10.39 min Scan# 1258

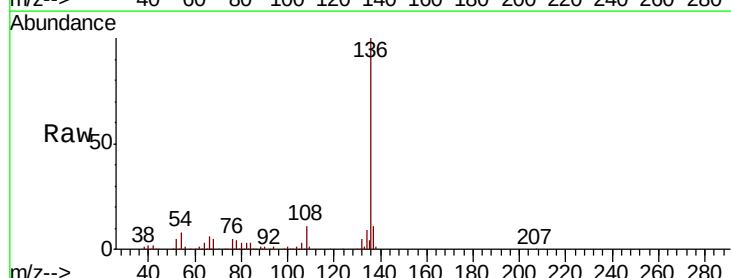
Delta R.T. -0.00 min

Lab File: BM017675.D

Acq: 16 Nov 2018 11:54

Tgt Ion: 136 Resp: 633212

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	8.4	7.0	10.6
68	5.4	4.9	7.3



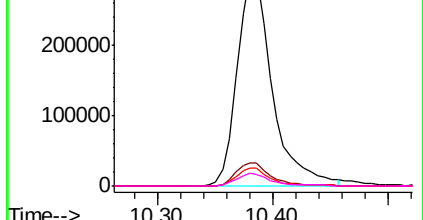
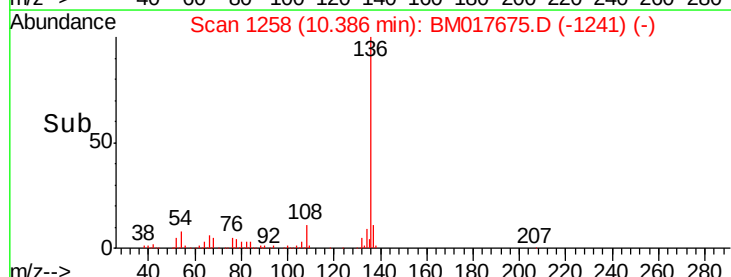
Abundance

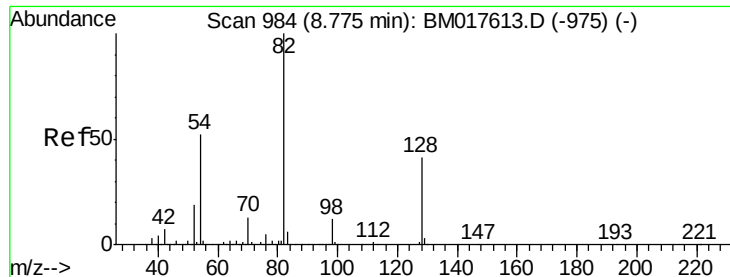
Ion 136.00 (135.70 to 136.70): BM017613.D (-1250) (-)

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: 85.956 ng

RT: 8.76 min Scan# 982

Delta R.T. -0.01 min

Lab File: BM017675.D

Acq: 16 Nov 2018 11:54

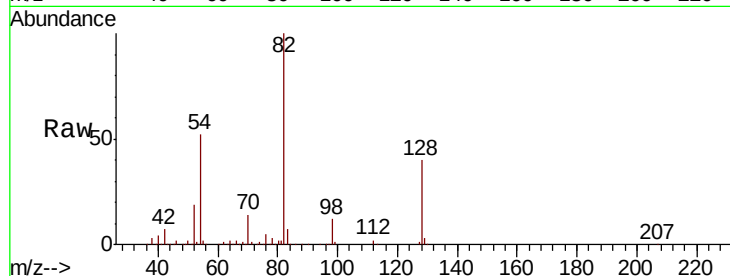
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 82 Resp: 1054299

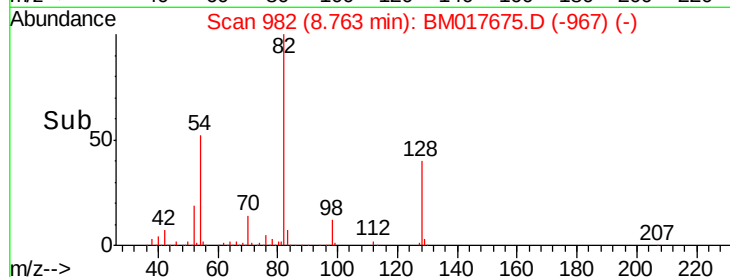
Ion	Ratio	Lower	Upper
82	100		
128	40.2	33.0	49.4
54	52.2	41.4	62.2



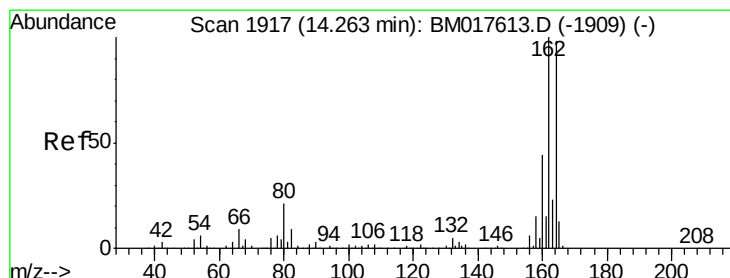
Abundance Ion 82.00 (81.70 to 82.70): BM017613.D (-975) (-)

Ion 128.00 (127.70 to 128.70): BM017613.D (-975) (-)

Ion 54.00 (53.70 to 54.70): BM017613.D (-975) (-)



Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1916

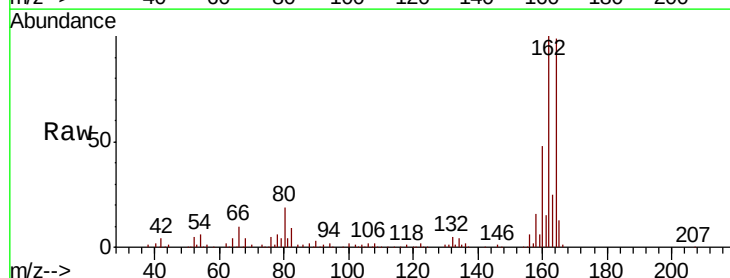
Delta R.T. -0.01 min

Lab File: BM017675.D

Acq: 16 Nov 2018 11:54

Tgt Ion: 164 Resp: 359965

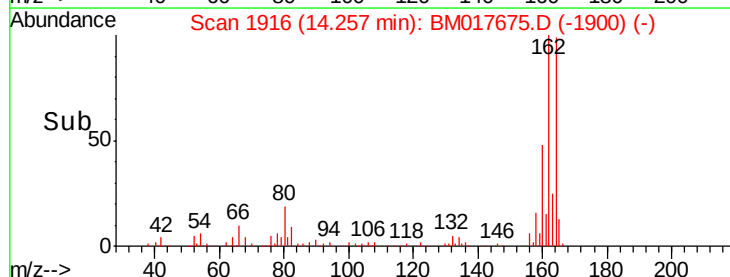
Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.4	122.0
160	48.3	35.6	53.4



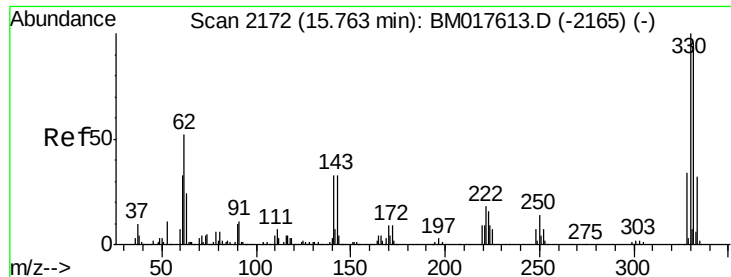
Abundance Ion 164.00 (163.70 to 164.70): BM017613.D (-1909) (-)

Ion 162.00 (161.70 to 162.70): BM017613.D (-1909) (-)

Ion 160.00 (159.70 to 160.70): BM017613.D (-1909) (-)



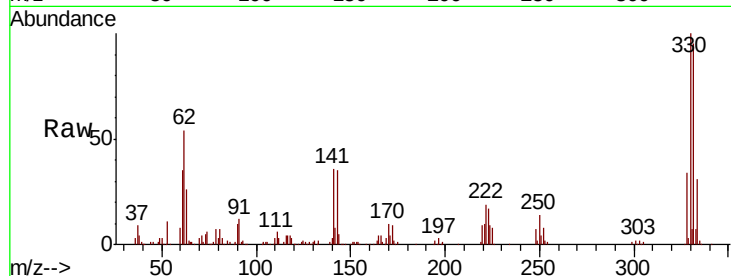
Time-->



#42
 2,4,6-Tribromophenol
 Concen: 118.667 ng
 RT: 15.76 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BM017675.D
 Acq: 16 Nov 2018 11:54

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.9	116.9
141	37.6	27.5	41.3

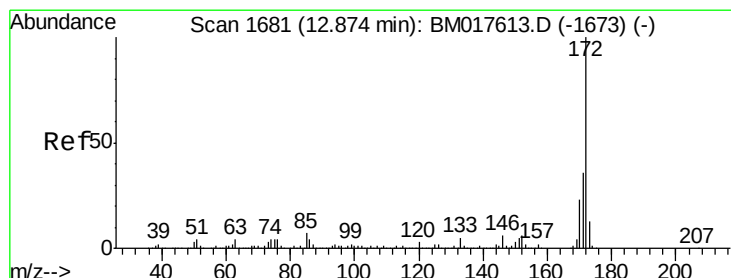
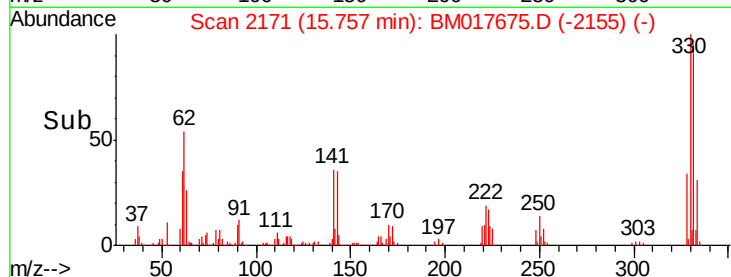
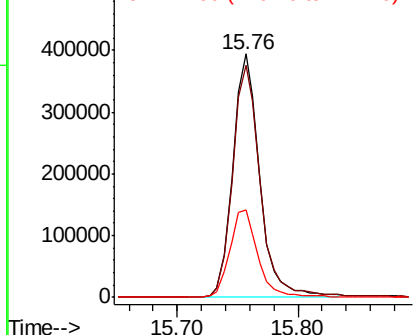


Abundance

Ion 329.80 (329.50 to 330.50): E

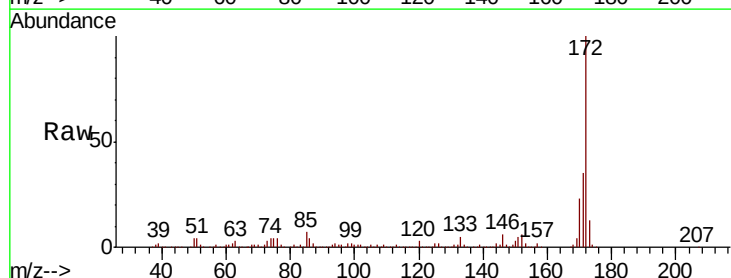
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 85.974 ng
 RT: 12.87 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BM017675.D
 Acq: 16 Nov 2018 11:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.7	43.1
170	23.1	18.3	27.5

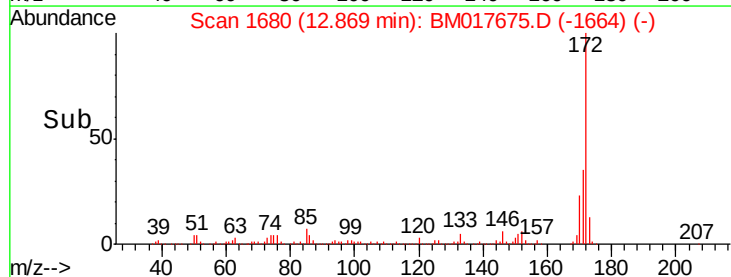
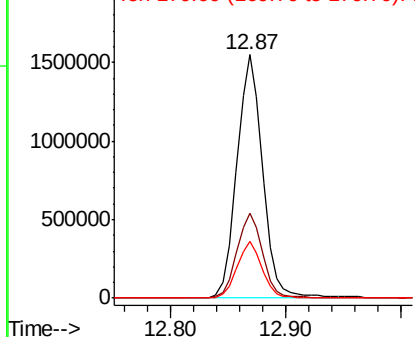


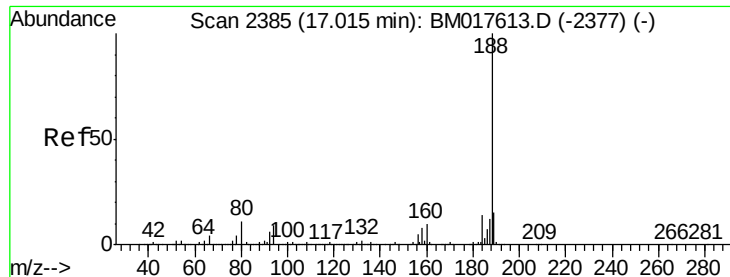
Abundance

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

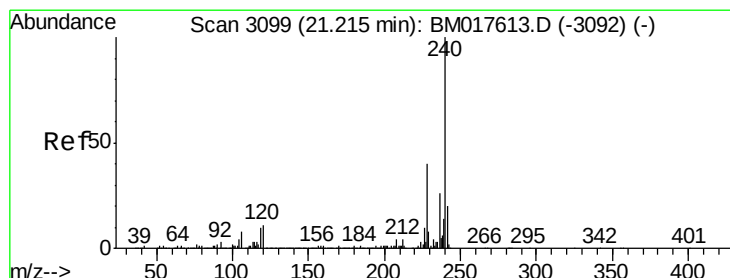
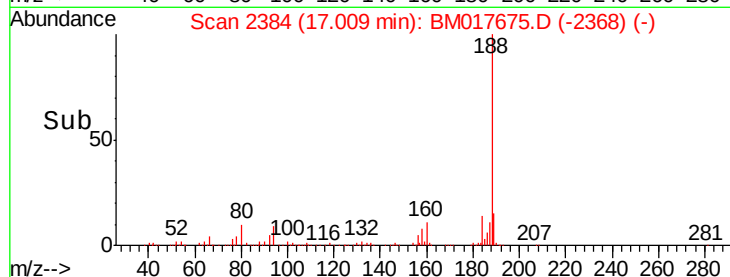
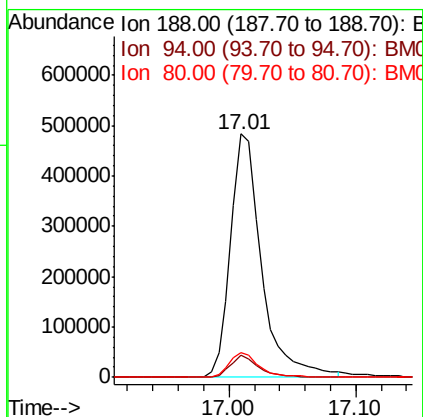
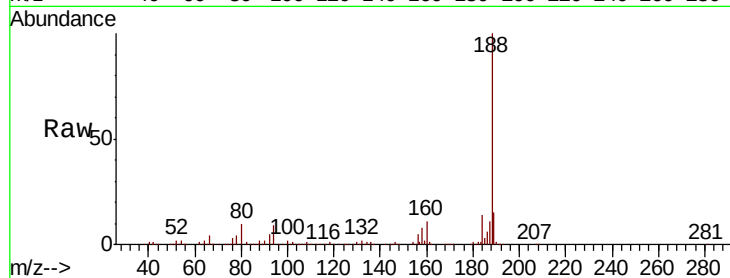




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM017675.D
Acq: 16 Nov 2018 11:54

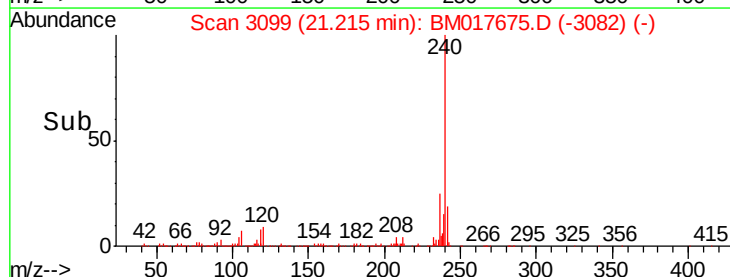
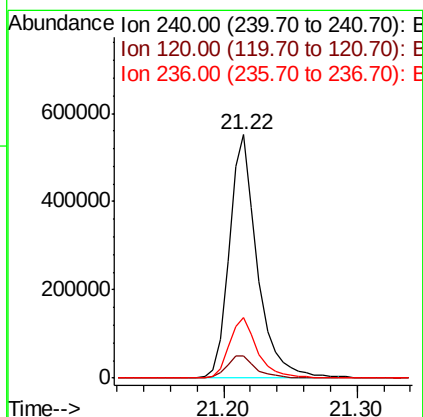
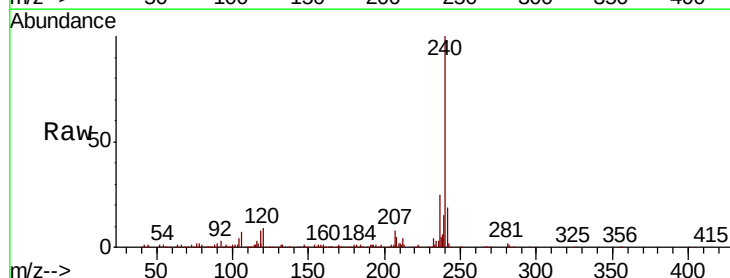
Instrument :
BNA_M
ClientSampleId :

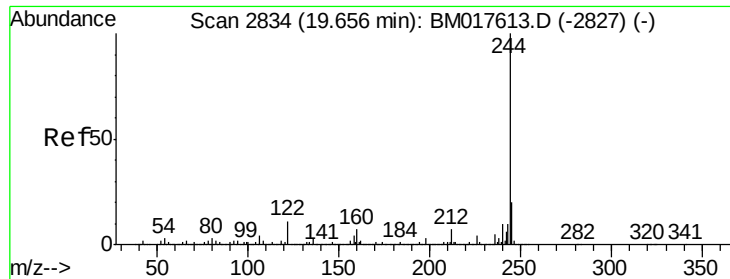
Tot Ion:188 Resp: 823423
Ion Ratio Lower Upper
188 100
94 8.9 7.5 11.3
80 10.1 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.22 min Scan# 3099
Delta R.T. -0.00 min
Lab File: BM017675.D
Acq: 16 Nov 2018 11:54

Tgt Ion:240 Resp: 805424
Ion Ratio Lower Upper
240 100
120 9.4 8.5 12.7
236 24.9 20.4 30.6





#79

Terphenyl-d14

Concen: 103.445 ng

RT: 19.66 min Scan# 2834

Delta R.T. -0.00 min

Lab File: BM017675.D

Acq: 16 Nov 2018 11:54

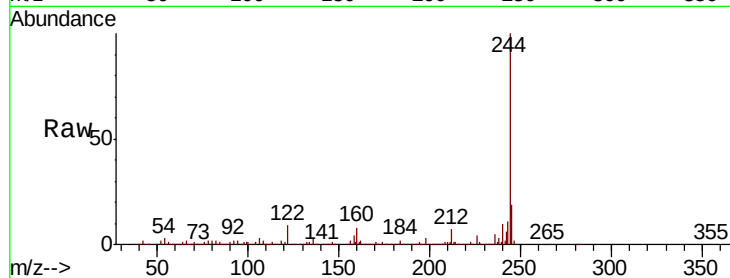
Instrument :

BNA_M

ClientSampleId :

Tot Ion:244 Resp: 3676137

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	9.4	9.0	13.6

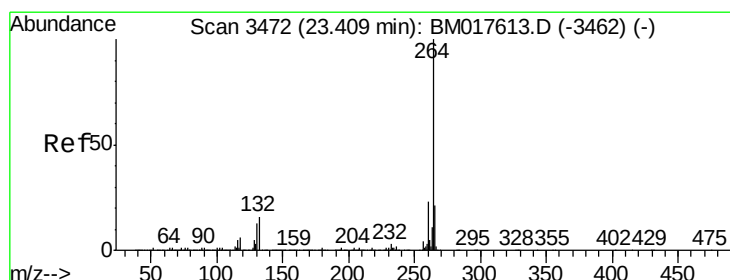
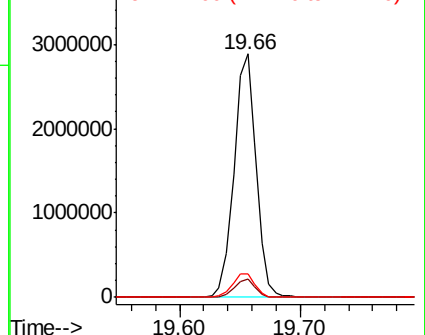
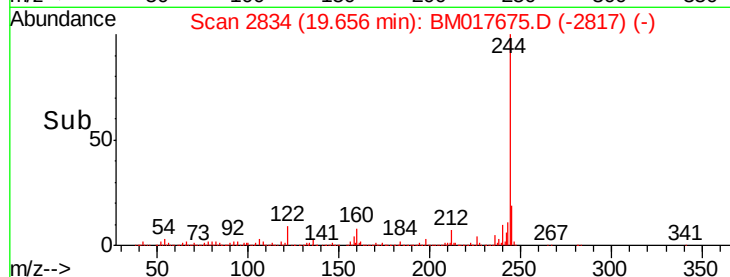


Abundance

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: 23.41 min Scan# 3472

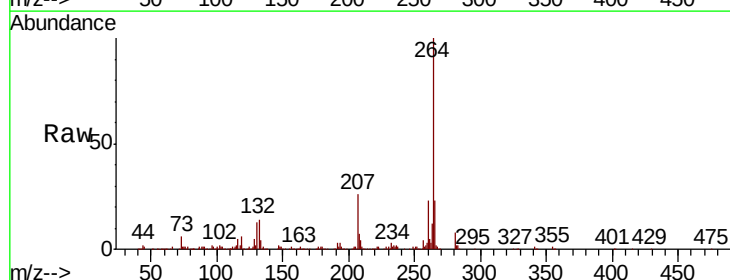
Delta R.T. -0.00 min

Lab File: BM017675.D

Acq: 16 Nov 2018 11:54

Tgt Ion:264 Resp: 682794

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.2
265	23.2	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

