

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111318\
 Data File : BM017642.D
 Acq On : 14 Nov 2018 04:04
 Operator : MJ/SJ
 Sample : PB114777BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB114777BL

Quant Time: Nov 14 04:39:45 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	7.62	152	187009	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	740380	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	423453	20.00	ng	0.00
64) Phenanthrene-d10	17.02	188	916374	20.00	ng	0.00
76) Chrysene-d12	21.22	240	773262	20.00	ng	0.00
87) Perylene-d12	23.41	264	623634	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	998557	90.11	ng	0.00
7) Phenol-d6	6.80	99	1288831	83.28	ng	0.00
23) Nitrobenzene-d5	8.77	82	1185627	82.67	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	448618	73.73	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	2787016	85.39	ng	0.00
79) Terphenyl-d14	19.66	244	3156631	92.52	ng	0.00

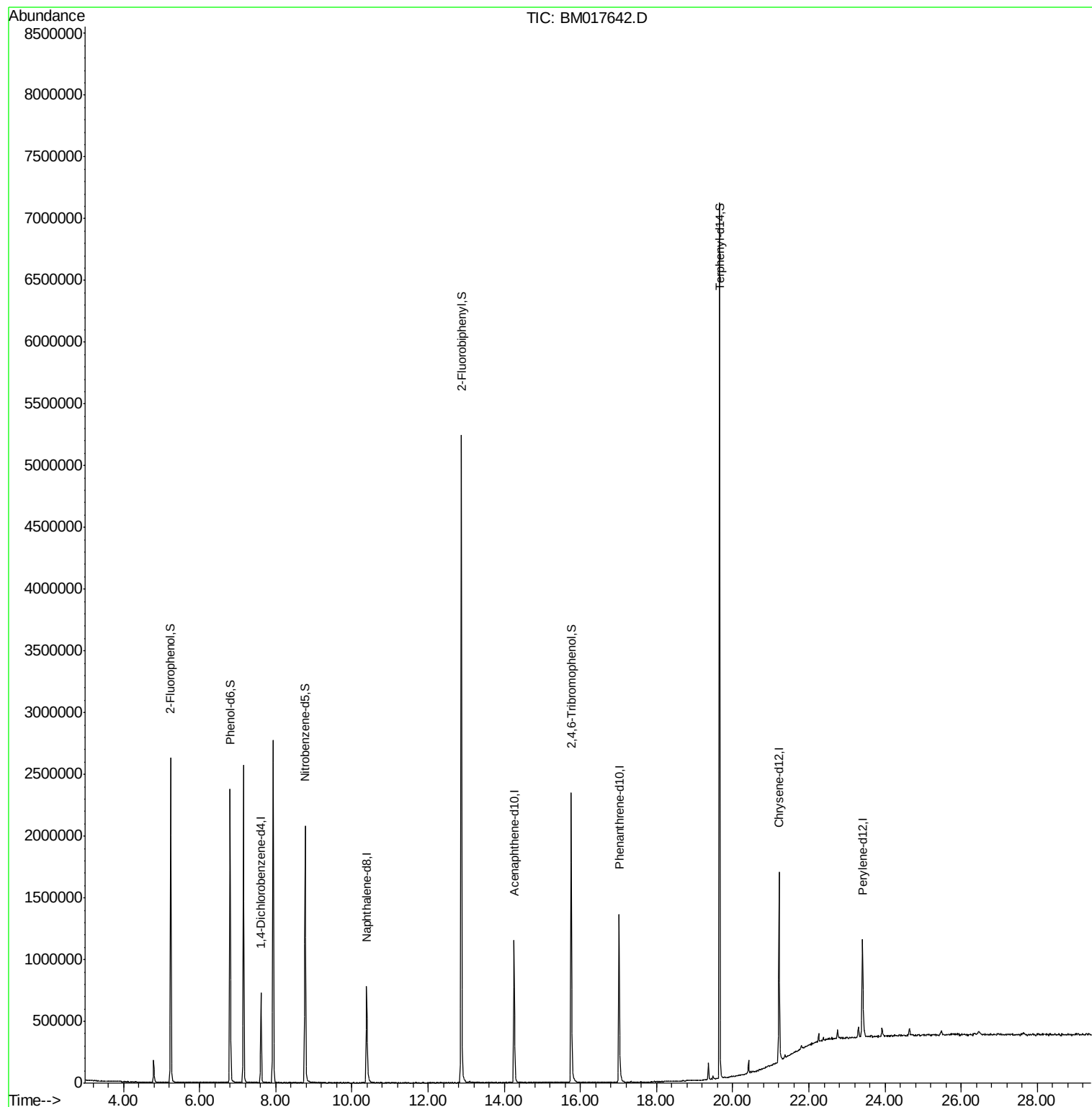
Target Compounds Qvalue

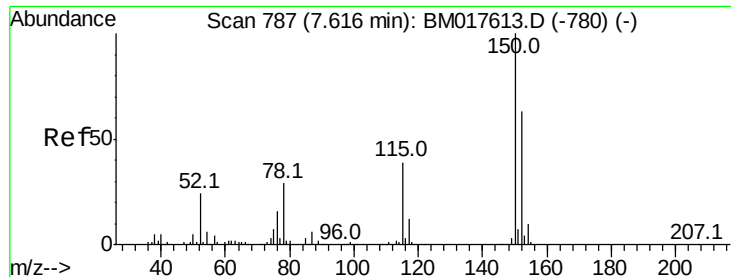
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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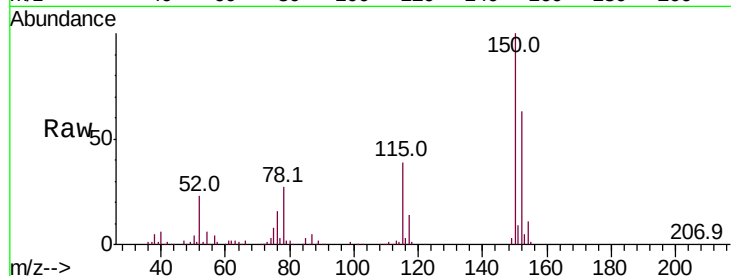


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM017642.D
Acq: 14 Nov 2018 04:04

Instrument :
BNA_M
ClientSampleId :
PB114777BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.4	189.6
115	60.9	49.4	74.0

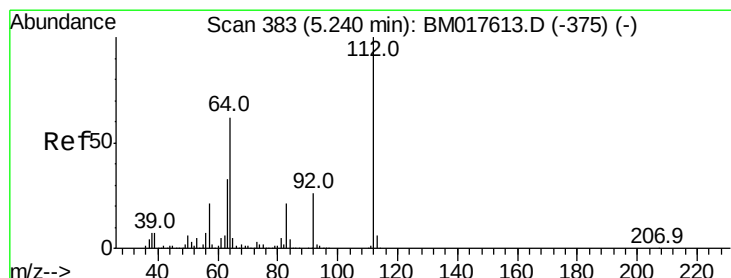
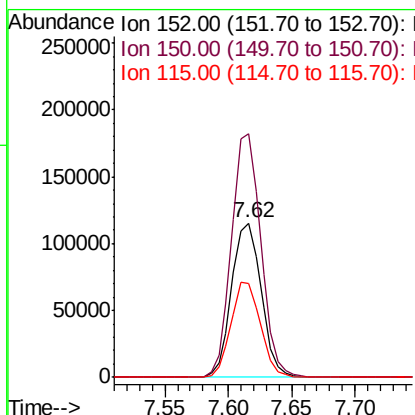
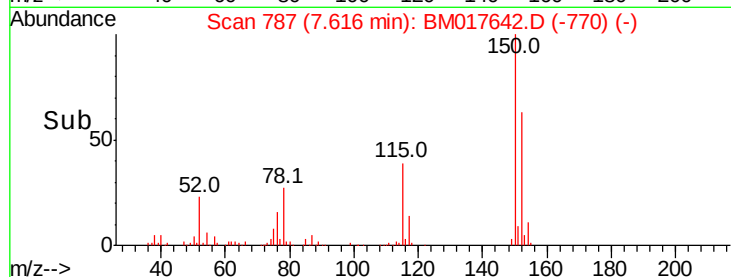


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

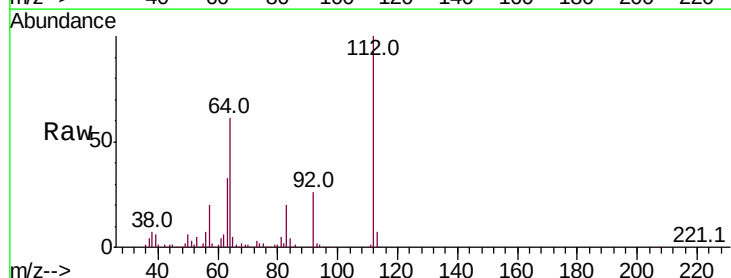
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 90.114 ng
RT: 5.24 min Scan# 383
Delta R.T. 0.00 min
Lab File: BM017642.D
Acq: 14 Nov 2018 04:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	49.3	73.9
63	32.8	26.2	39.4

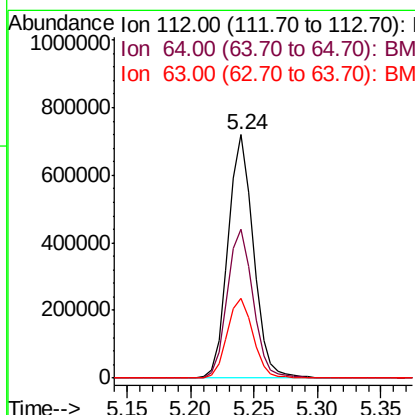
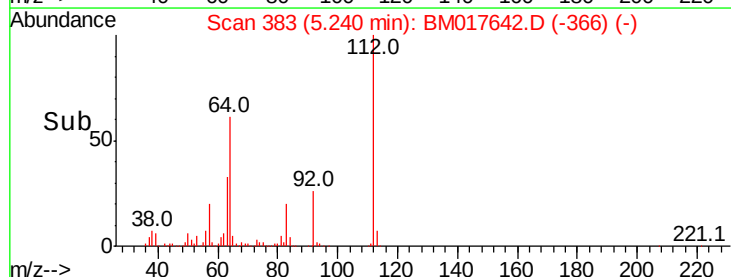


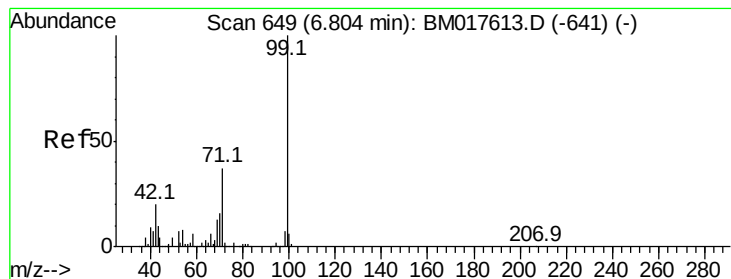
Abundance

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: 83.278 ng

RT: 6.80 min Scan# 649

Delta R.T. -0.00 min

Lab File: BM017642.D

Acq: 14 Nov 2018 04:04

Instrument :

BNA_M

ClientSampleId :

PB114777BL

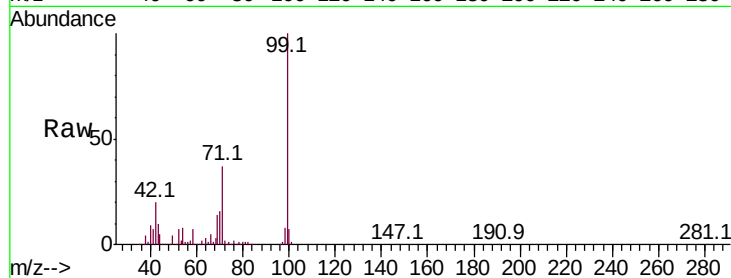
Tot Ion: 99 Resp: 1288831

Ion Ratio Lower Upper

99 100

42 20.4 16.3 24.5

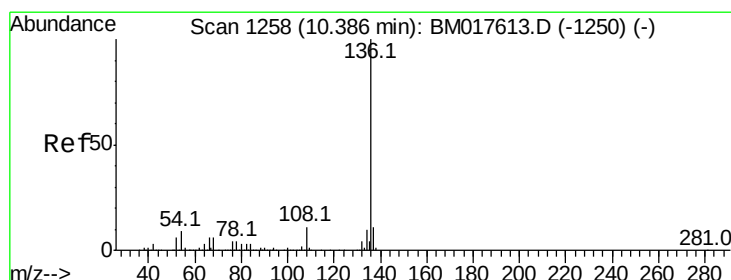
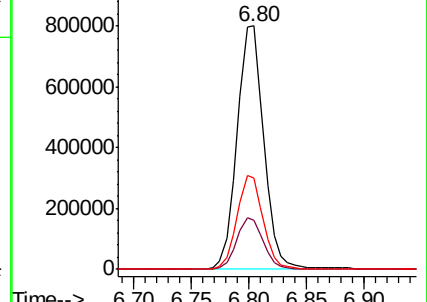
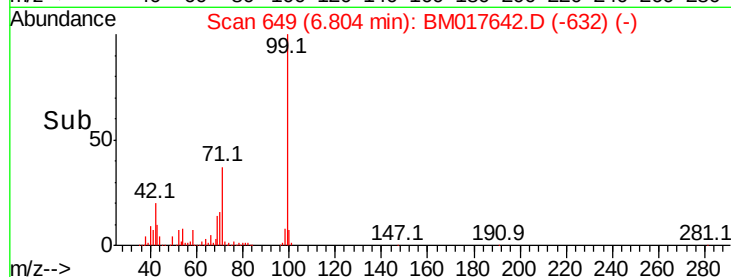
71 37.4 29.8 44.8



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: BM017642.D

Acq: 14 Nov 2018 04:04

Tgt Ion: 136 Resp: 740380

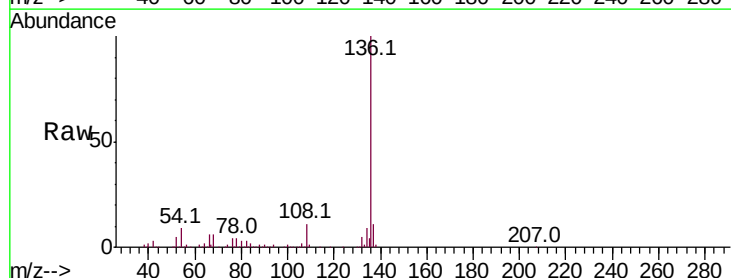
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 8.7 7.0 10.6

68 5.7 4.9 7.3

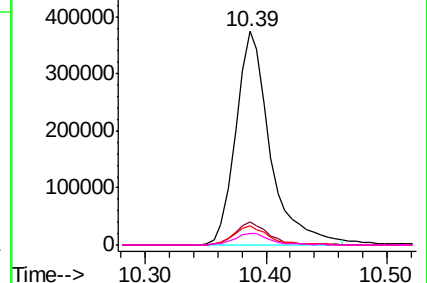
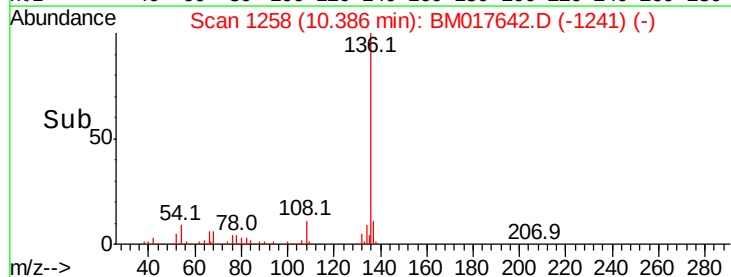


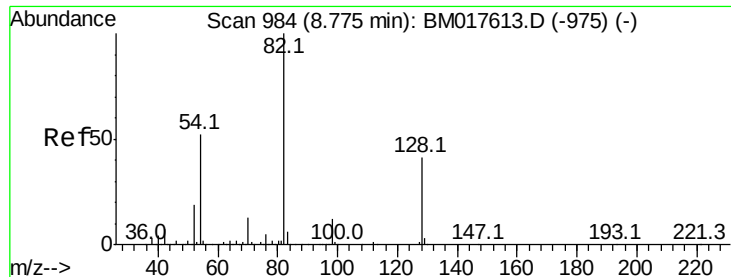
Abundance Ion 136.00 (135.70 to 136.70): BM017613.D (-1250) (-)

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) (-)



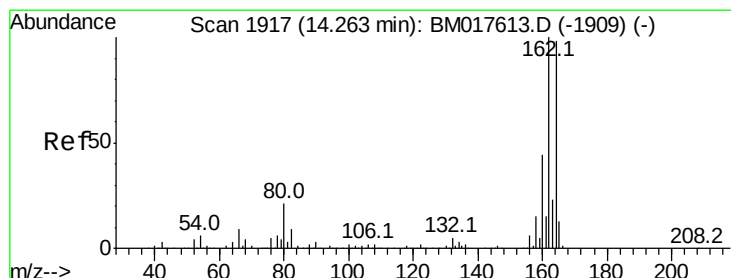
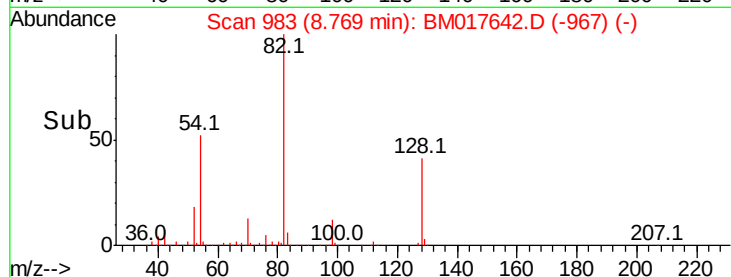
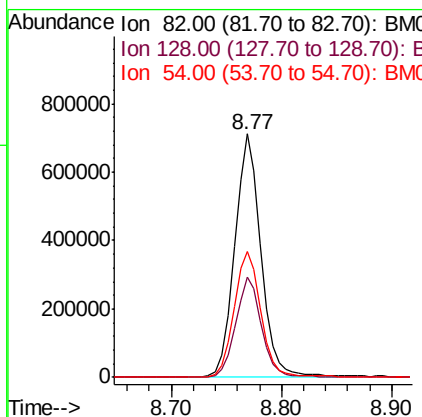
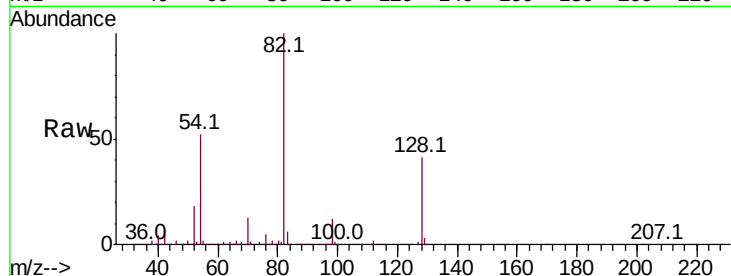


#23
 Nitrobenzene-d5
 Concen: 82.672 ng
 RT: 8.77 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BM017642.D
 Acq: 14 Nov 2018 04:04

Instrument :
 BNA_M
 ClientSampleId :
 PB114777BL

Tot Ion: 82 Resp: 1185627

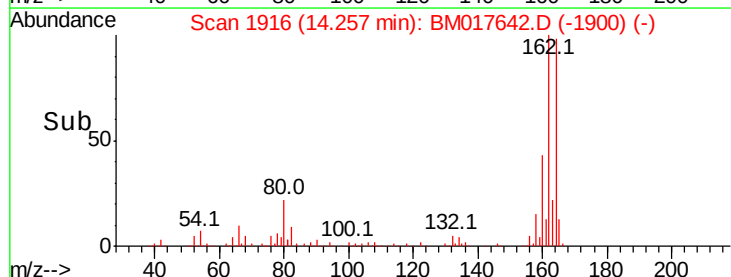
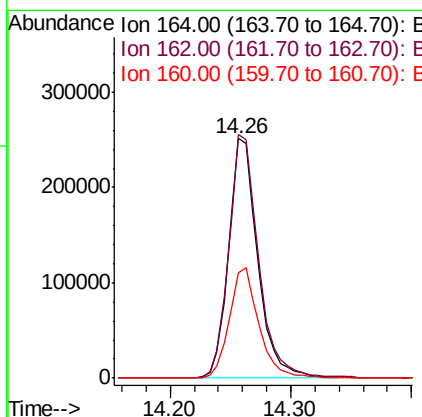
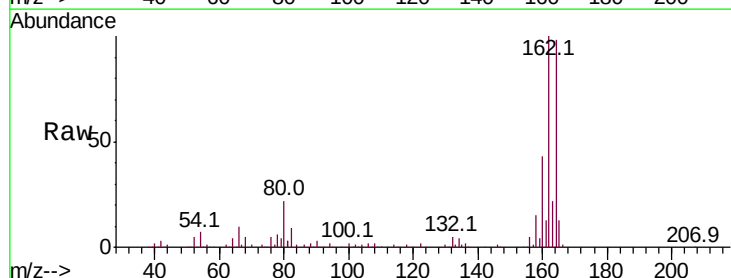
Ion	Ratio	Lower	Upper
82	100		
128	41.2	33.0	49.4
54	51.6	41.4	62.2

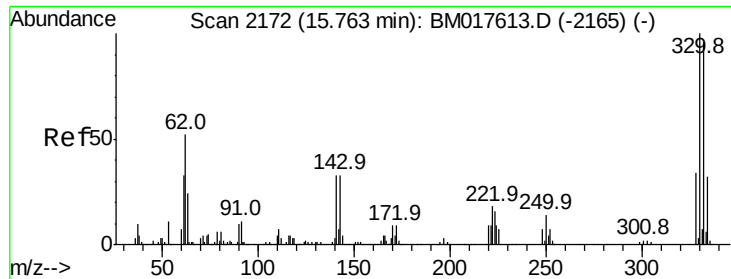


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.26 min Scan# 1916
 Delta R.T. -0.01 min
 Lab File: BM017642.D
 Acq: 14 Nov 2018 04:04

Tgt Ion: 164 Resp: 423453

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.4	122.0
160	43.9	35.6	53.4

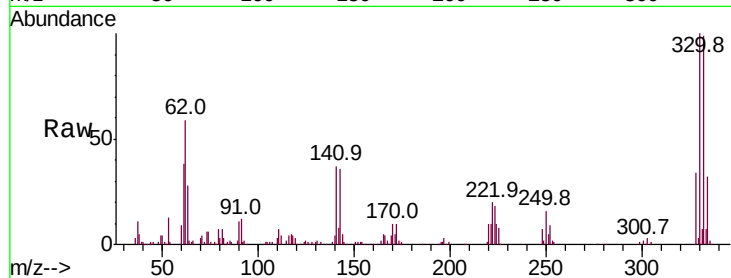




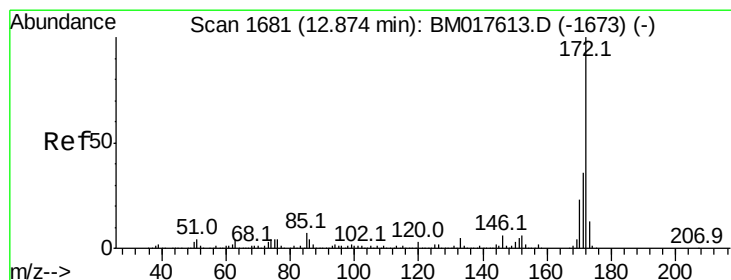
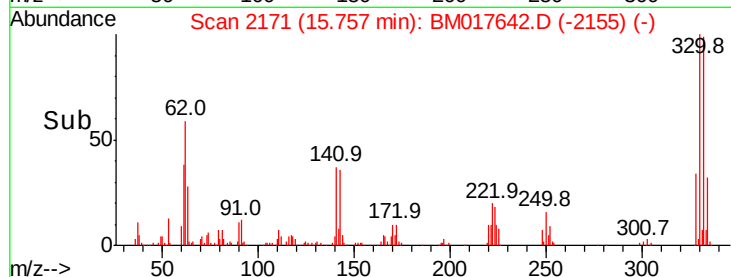
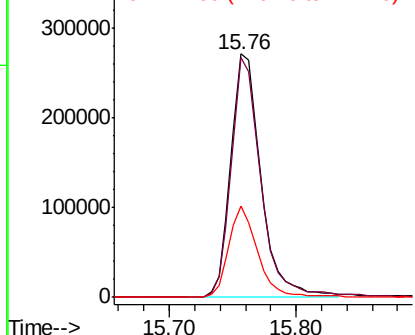
#42
 2,4,6-Tribromophenol
 Concen: 73.732 ng
 RT: 15.76 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BM017642.D
 Acq: 14 Nov 2018 04:04

Instrument :
 BNA_M
 ClientSampleId :
 PB114777BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.9	116.9
141	36.0	27.5	41.3

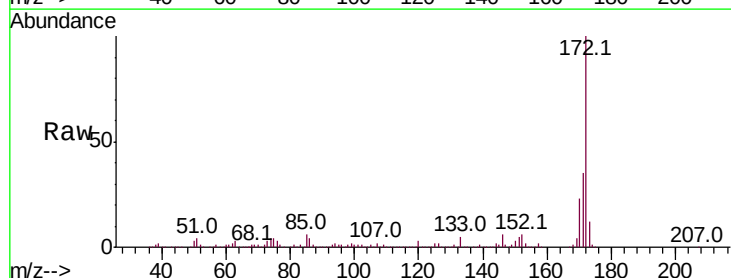


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

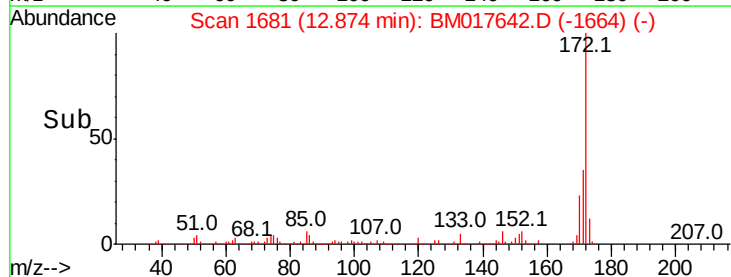
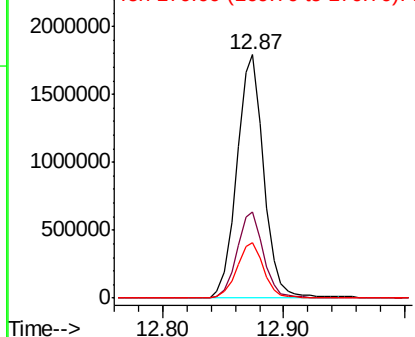


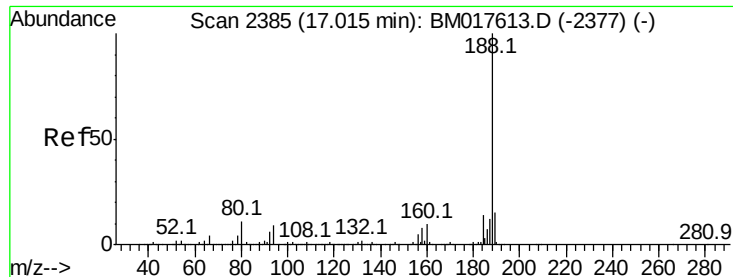
#45
 2-Fluorobiphenyl
 Concen: 85.386 ng
 RT: 12.87 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: BM017642.D
 Acq: 14 Nov 2018 04:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.7	43.1
170	22.7	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

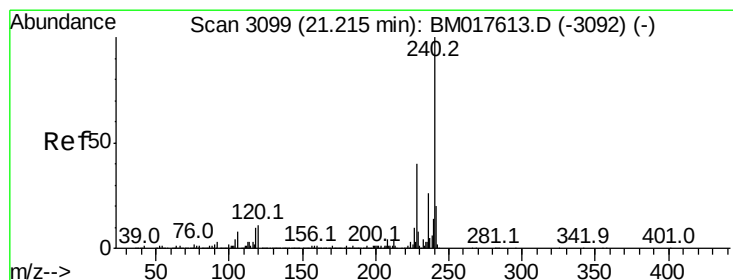
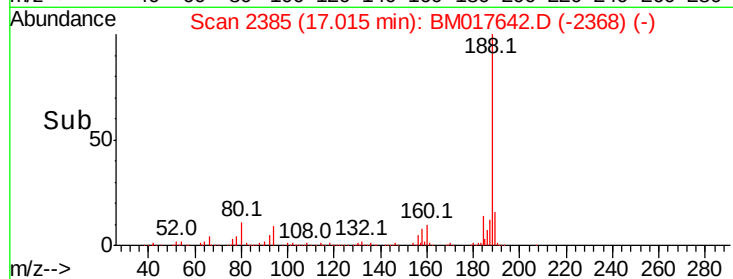
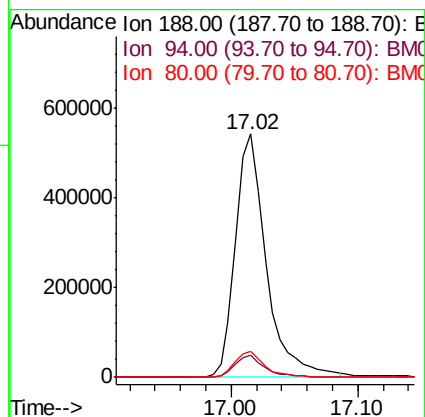
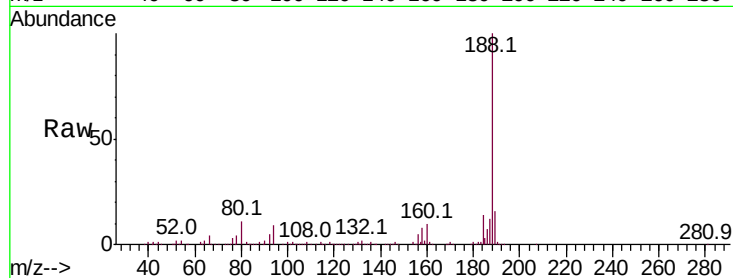




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.02 min Scan# 2385
 Delta R.T. -0.00 min
 Lab File: BM017642.D
 Acq: 14 Nov 2018 04:04

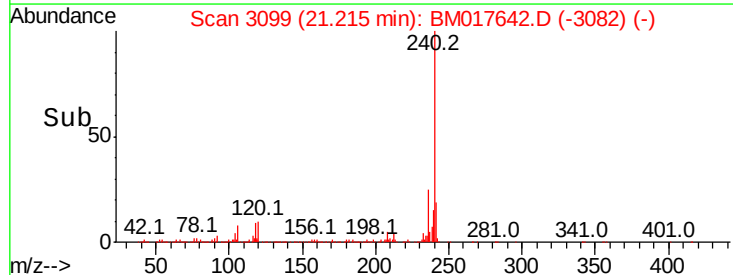
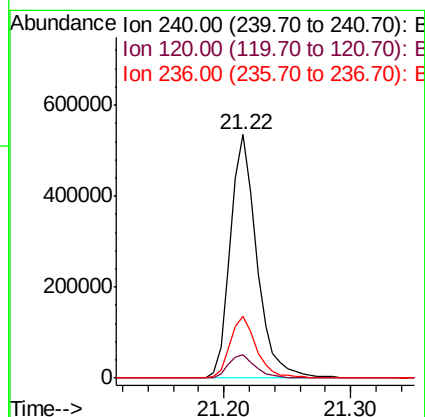
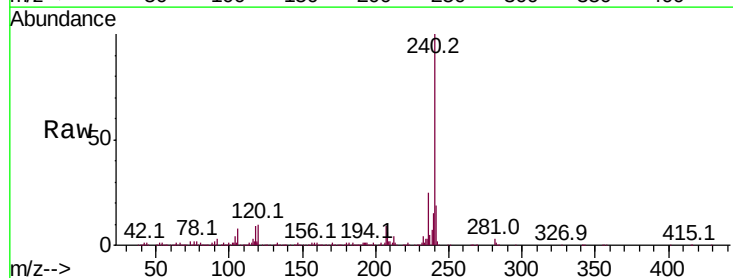
Instrument :
 BNA_M
 ClientSampleId :
 PB114777BL

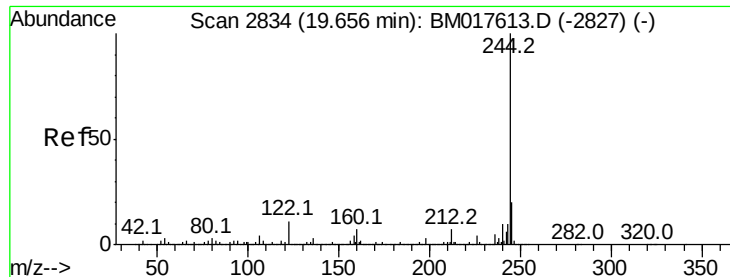
Tot Ion:188 Resp: 916374
 Ion Ratio Lower Upper
 188 100
 94 8.9 7.5 11.3
 80 10.6 8.6 13.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.22 min Scan# 3099
 Delta R.T. -0.00 min
 Lab File: BM017642.D
 Acq: 14 Nov 2018 04:04

Tgt Ion:240 Resp: 773262
 Ion Ratio Lower Upper
 240 100
 120 9.5 8.5 12.7
 236 25.4 20.4 30.6





#79

Terphenyl-d14

Concen: 92.520 ng

RT: 19.66 min Scan# 2834

Delta R.T. -0.00 min

Lab File: BM017642.D

Acq: 14 Nov 2018 04:04

Instrument :

BNA_M

ClientSampleId :

PB114777BL

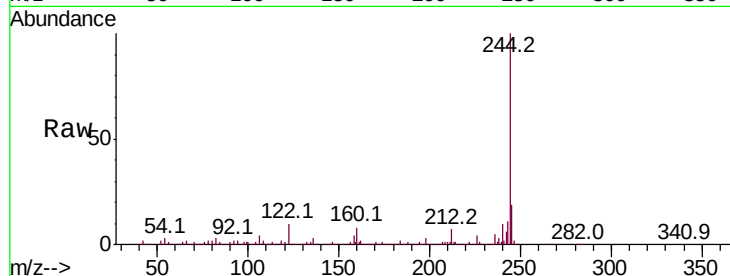
Tot Ion:244 Resp: 3156631

Ion Ratio Lower Upper

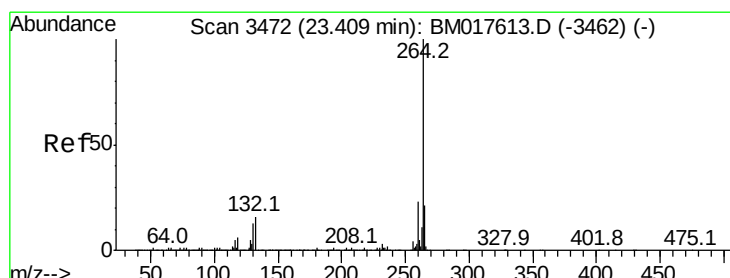
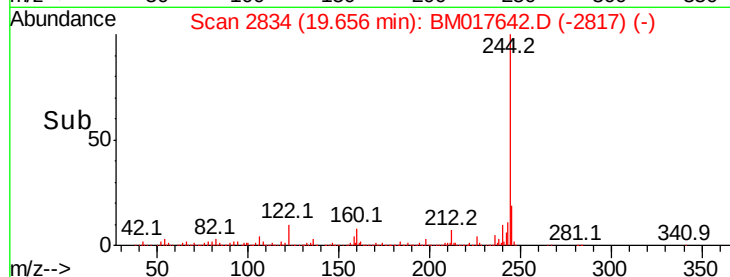
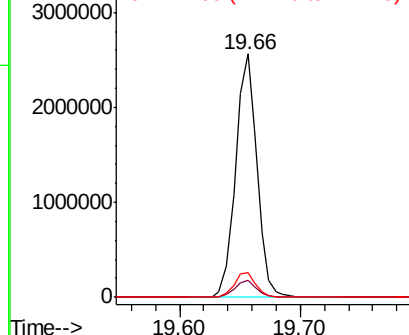
244 100

212 7.1 5.8 8.6

122 9.9 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: BM017642.D

Acq: 14 Nov 2018 04:04

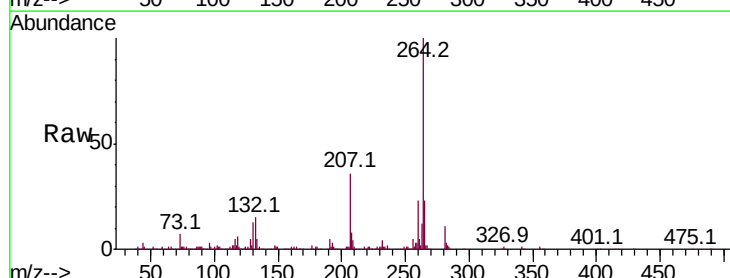
Tgt Ion:264 Resp: 623634

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.2

265 22.8 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

