

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120618\
 Data File : BM017937.D
 Acq On : 05 Dec 2018 16:24
 Operator : JU/SJ
 Sample : J6184-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RO-331

Quant Time: Dec 06 00:18:00 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	7.57	152	157949	20.00	ng	-0.05
21) Naphthalene-d8	10.33	136	602495	20.00	ng	-0.05
39) Acenaphthene-d10	14.22	164	281504	20.00	ng	-0.05
64) Phenanthrene-d10	16.97	188	646153	20.00	ng	-0.04
76) Chrysene-d12	21.18	240	566690	20.00	ng	-0.04
87) Perylene-d12	23.37	264	182670	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	932413	99.63	ng	-0.04
7) Phenol-d6	6.76	99	999435	76.46	ng	-0.04
23) Nitrobenzene-d5	8.72	82	845734	72.47	ng	-0.05
42) 2,4,6-Tribromophenol	15.72	330	518966	128.30	ng	-0.04
45) 2-Fluorobiphenyl	12.83	172	1823127	84.02	ng	-0.05
79) Terphenyl-d14	19.62	244	2500274	100.00	ng	-0.04

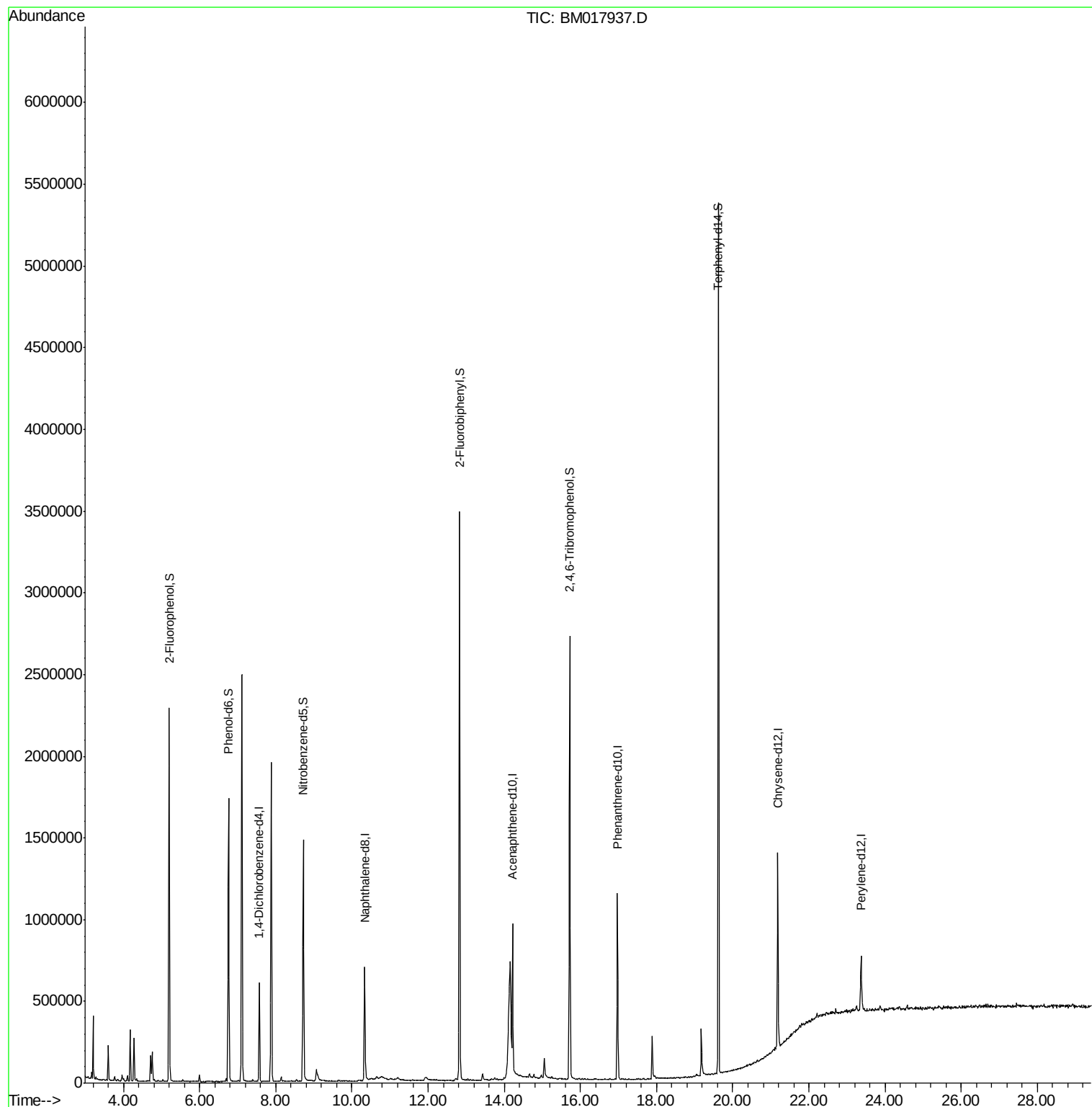
Target Compounds Qvalue

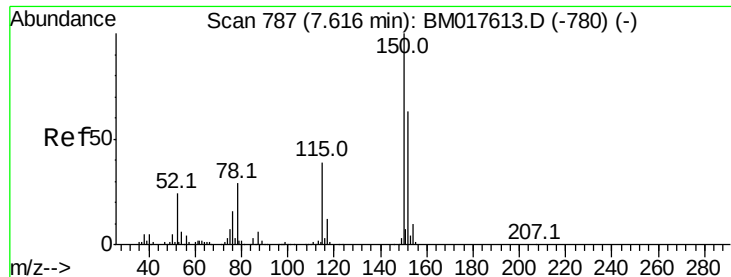
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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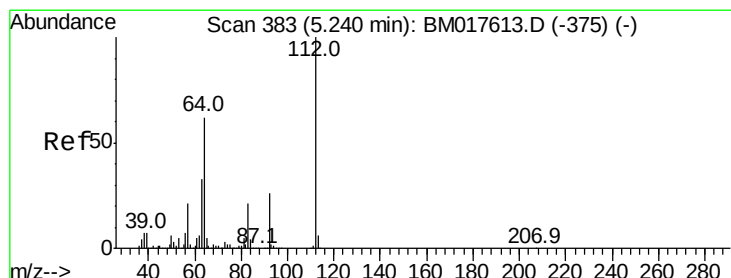
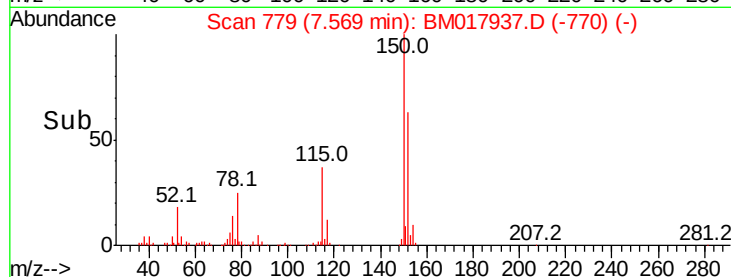
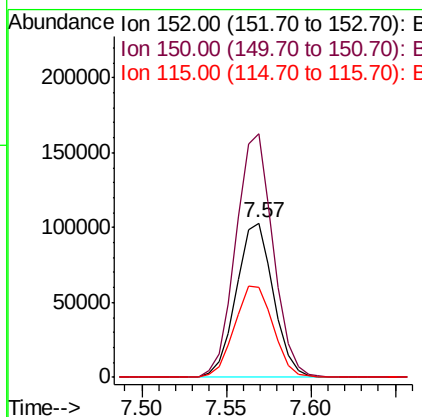
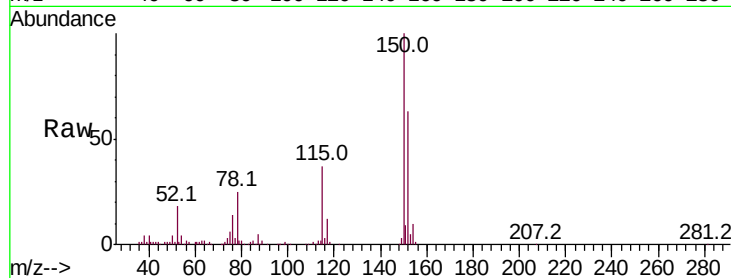


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 779
Delta R.T. -0.05 min
Lab File: BM017937.D
Acq: 05 Dec 2018 16:24

Instrument :
BNA_M
ClientSampleId :
RO-331

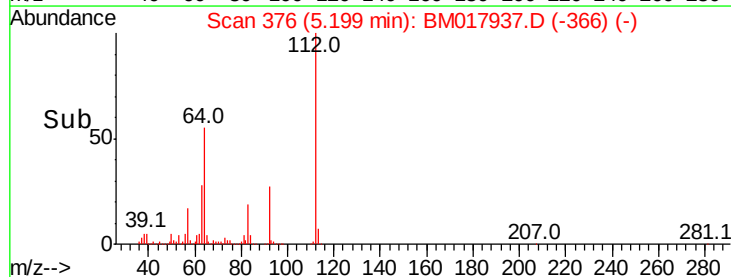
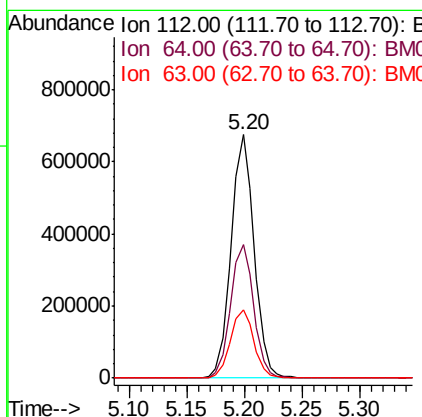
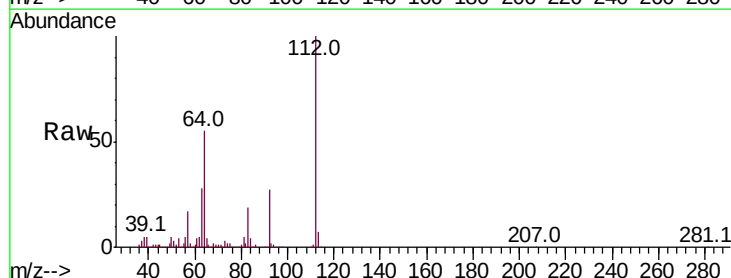
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.4	189.6
115	58.7	49.4	74.0

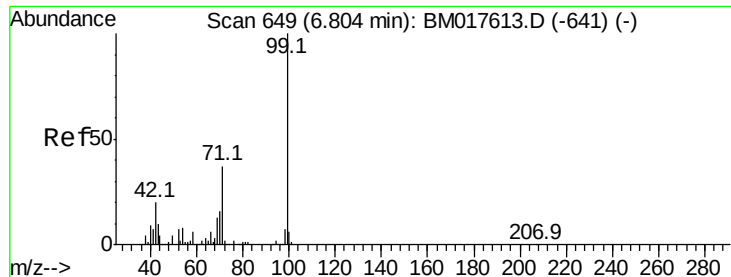


#5

2-Fluorophenol
Concen: 99.626 ng
RT: 5.20 min Scan# 376
Delta R.T. -0.04 min
Lab File: BM017937.D
Acq: 05 Dec 2018 16:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	49.3	73.9
63	28.1	26.2	39.4





#7

Phenol-d6

Concen: 76.460 ng

RT: 6.76 min Scan# 642

Delta R.T. -0.04 min

Lab File: BM017937.D

Acq: 05 Dec 2018 16:24

Instrument :

BNA_M

ClientSampleId :

RO-331

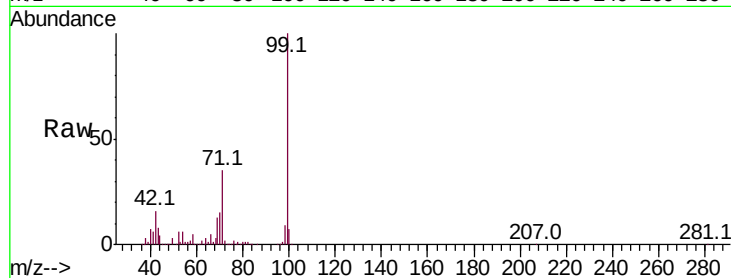
Tot Ion: 99 Resp: 999435

Ion Ratio Lower Upper

99 100

42 16.4 16.3 24.5

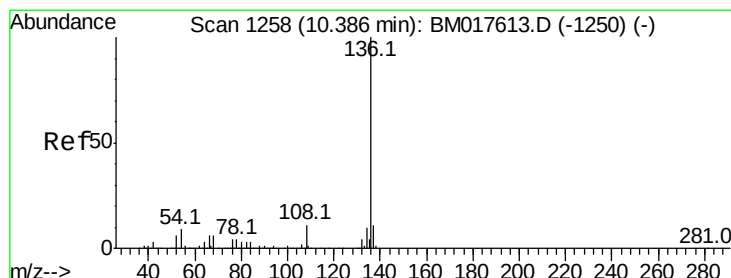
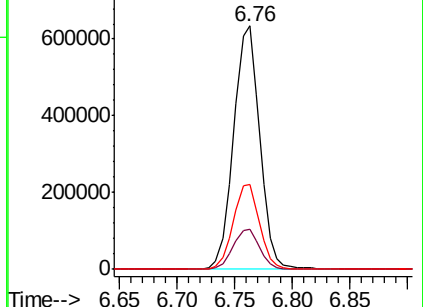
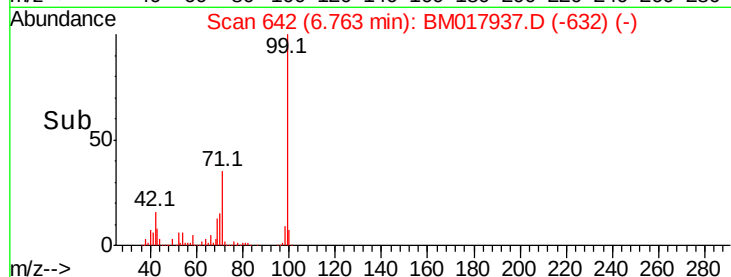
71 35.0 29.8 44.8



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: 10.33 min Scan# 1249

Delta R.T. -0.05 min

Lab File: BM017937.D

Acq: 05 Dec 2018 16:24

Tgt Ion: 136 Resp: 602495

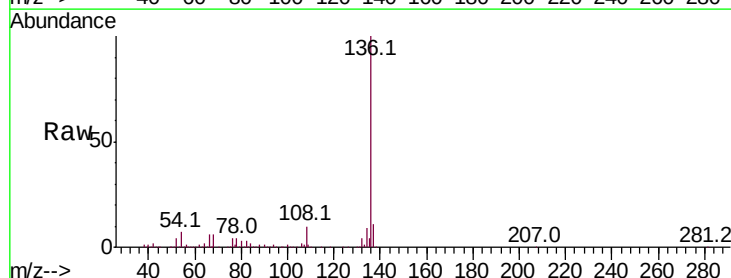
Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 7.3 7.0 10.6

68 6.1 4.9 7.3

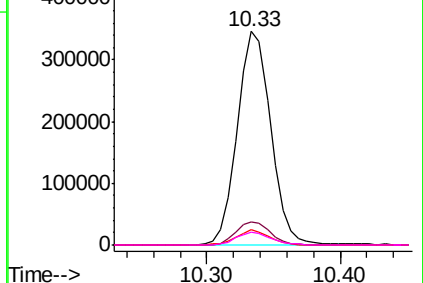
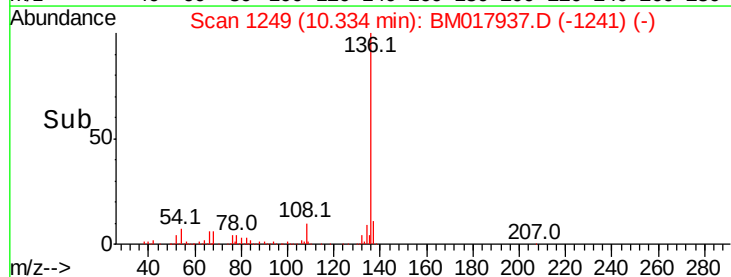


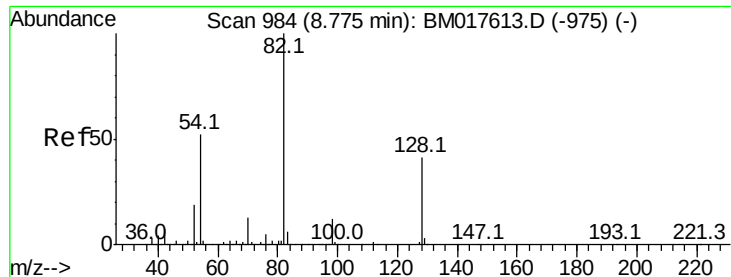
Abundance Ion 136.00 (135.70 to 136.70): BM017613.D (-1250) (-)

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) (-)

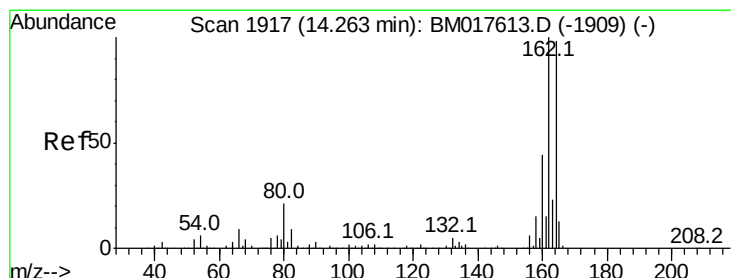
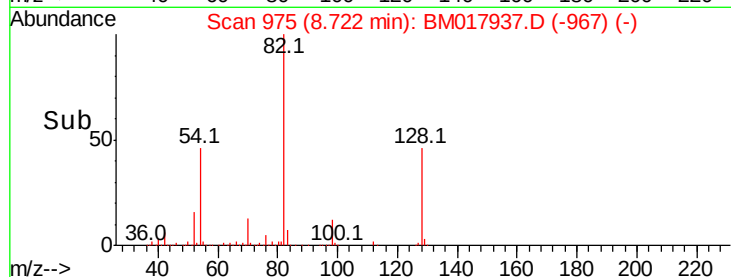
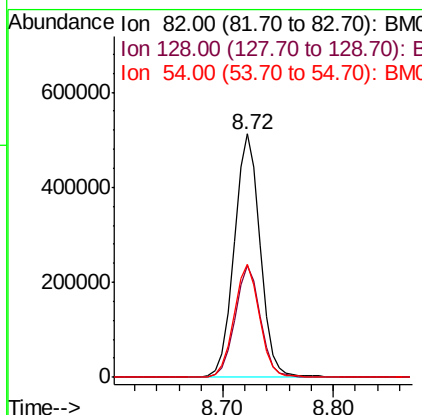
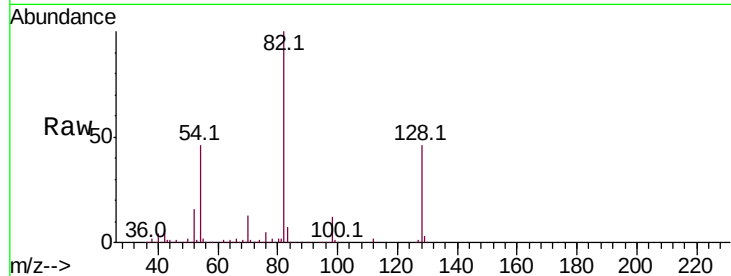




#23
 Nitrobenzene-d5
 Concen: 72.467 ng
 RT: 8.72 min Scan# 975
 Delta R.T. -0.05 min
 Lab File: BM017937.D
 Acq: 05 Dec 2018 16:24

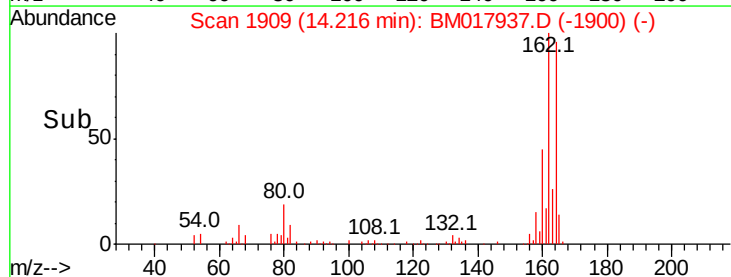
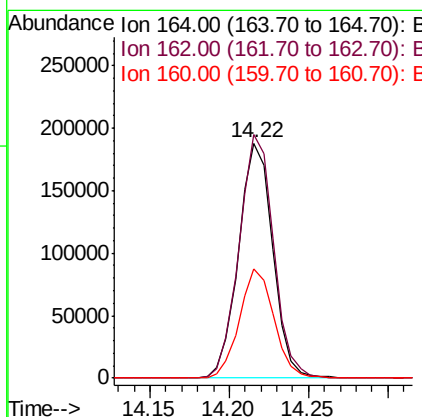
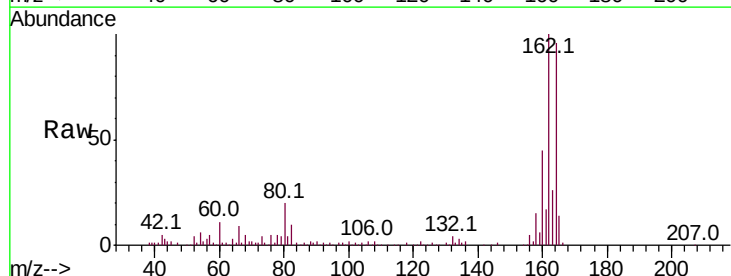
Instrument :
 BNA_M
 ClientSampleId :
 RO-331

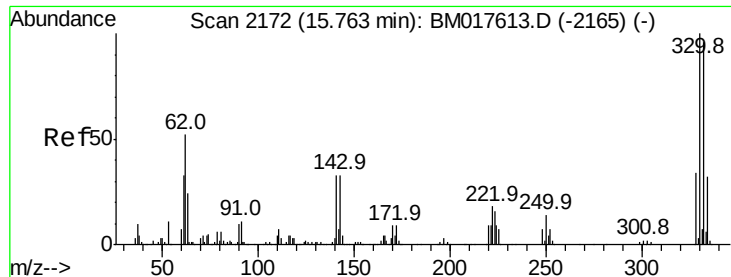
Tot Ion:	82	Resp:	845734
Ion	Ratio	Lower	Upper
82	100		
128	45.7	33.0	49.4
54	46.2	41.4	62.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.22 min Scan# 1909
 Delta R.T. -0.05 min
 Lab File: BM017937.D
 Acq: 05 Dec 2018 16:24

Tgt Ion:	164	Resp:	281504
Ion	Ratio	Lower	Upper
164	100		
162	103.7	81.4	122.0
160	46.4	35.6	53.4

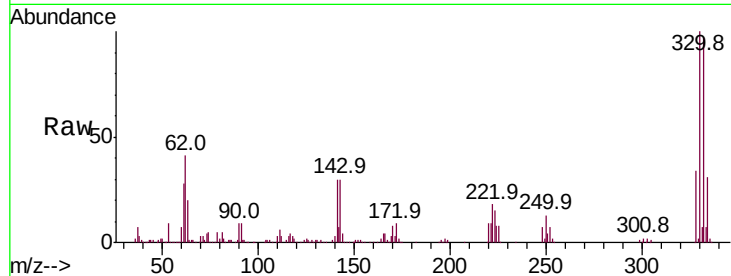




#42
 2,4,6-Tribromophenol
 Concen: 128.304 ng
 RT: 15.72 min Scan# 2165
 Delta R.T. -0.04 min
 Lab File: BM017937.D
 Acq: 05 Dec 2018 16:24

Instrument :
 BNA_M
 ClientSampleID :
 RO-331

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.9	116.9
141	32.0	27.5	41.3

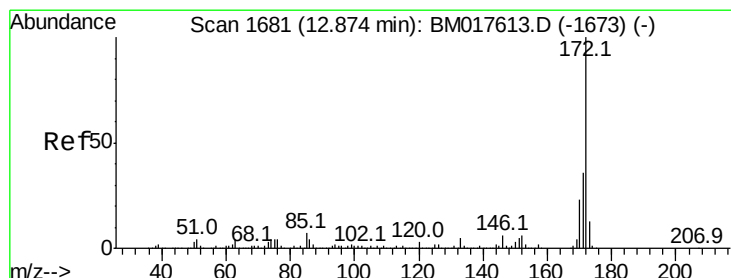
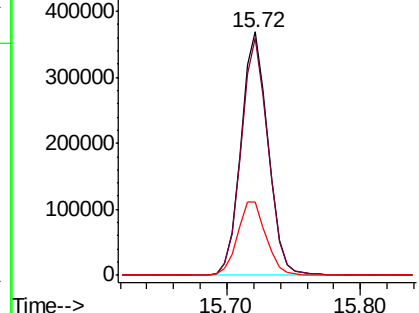
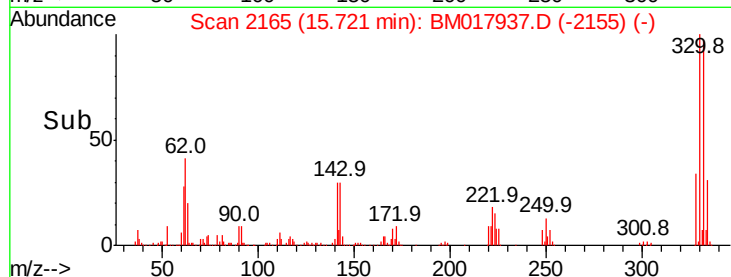


Abundance

Ion 329.80 (329.50 to 330.50): E

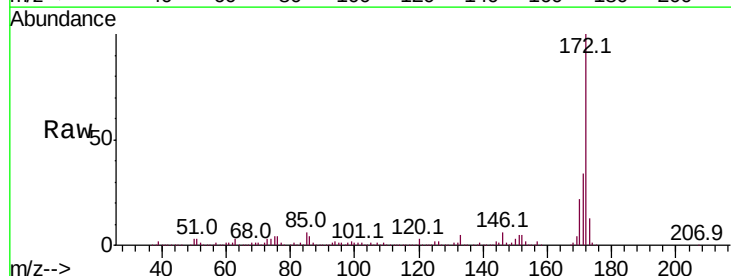
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 84.020 ng
 RT: 12.83 min Scan# 1673
 Delta R.T. -0.05 min
 Lab File: BM017937.D
 Acq: 05 Dec 2018 16:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.7	43.1
170	22.5	18.3	27.5

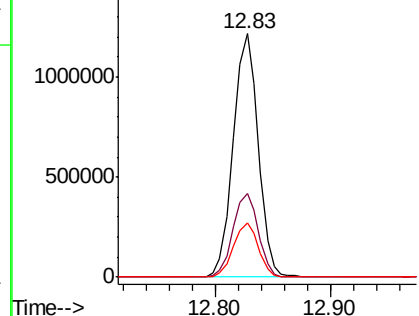
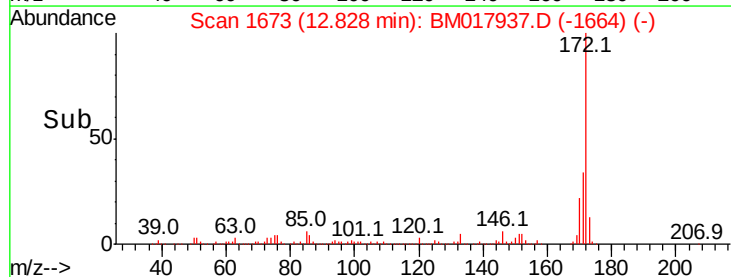


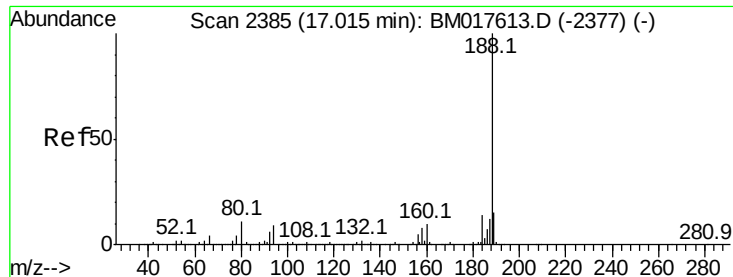
Abundance

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: 16.97 min Scan# 2378

Delta R.T. -0.04 min

Lab File: BM017937.D

Acq: 05 Dec 2018 16:24

Instrument :

BNA_M

ClientSampleId :

RO-331

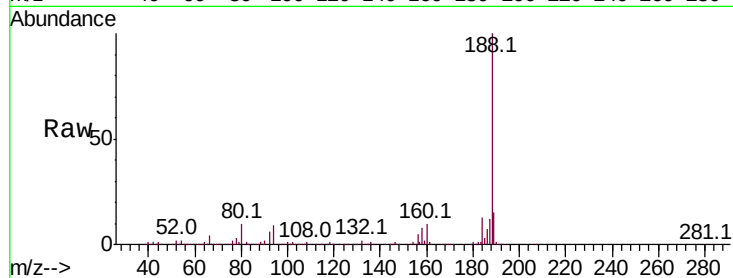
Tot Ion:188 Resp: 646153

Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

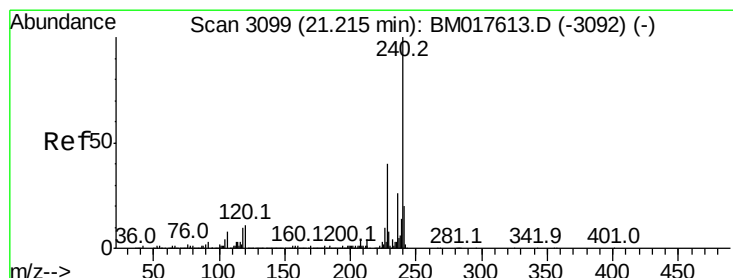
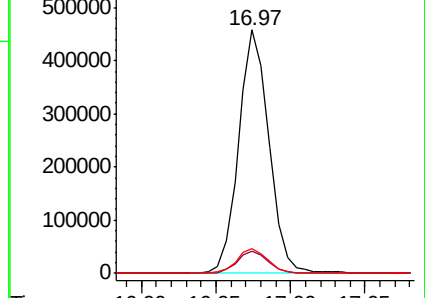
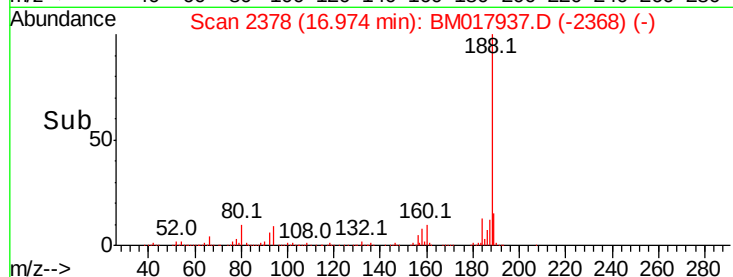
80 10.4 8.6 13.0



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: 21.18 min Scan# 3093

Delta R.T. -0.04 min

Lab File: BM017937.D

Acq: 05 Dec 2018 16:24

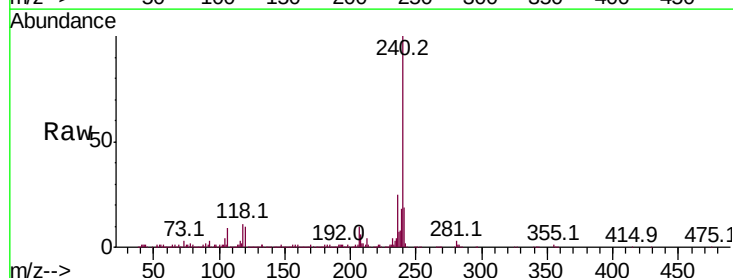
Tgt Ion:240 Resp: 566690

Ion Ratio Lower Upper

240 100

120 10.5 8.5 12.7

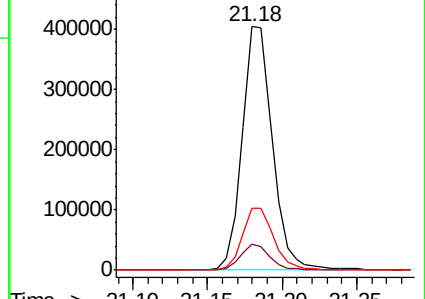
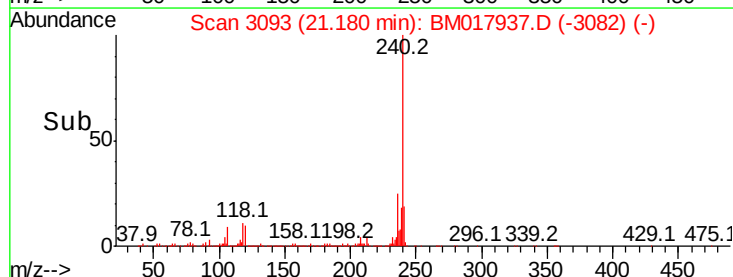
236 25.4 20.4 30.6

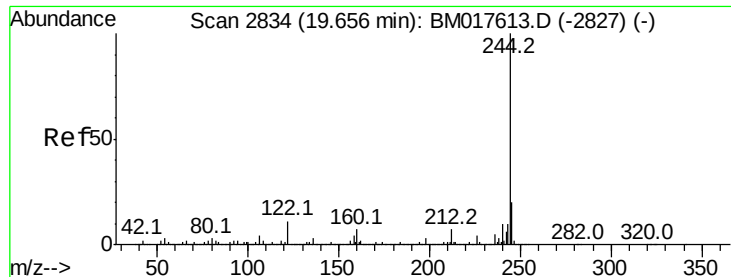


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 99.996 ng

RT: 19.62 min Scan# 2828

Delta R.T. -0.04 min

Lab File: BM017937.D

Acq: 05 Dec 2018 16:24

Instrument :

BNA_M

ClientSampled :

RO-331

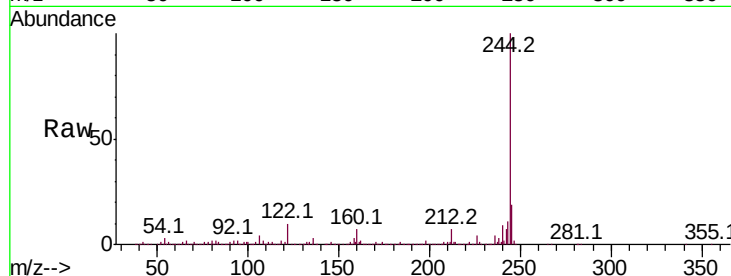
Tot Ion:244 Resp: 2500274

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

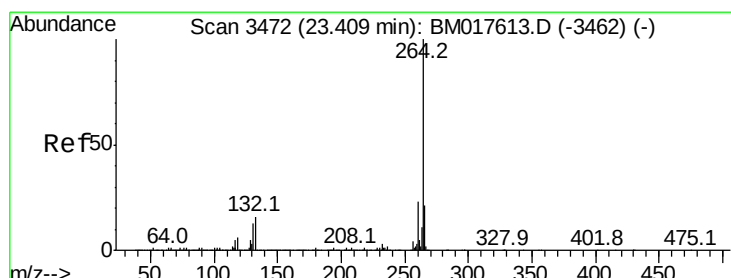
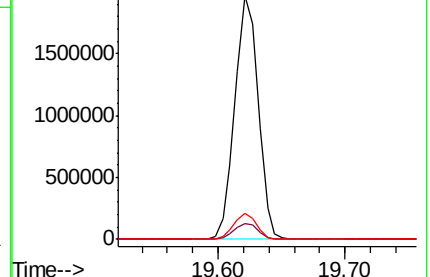
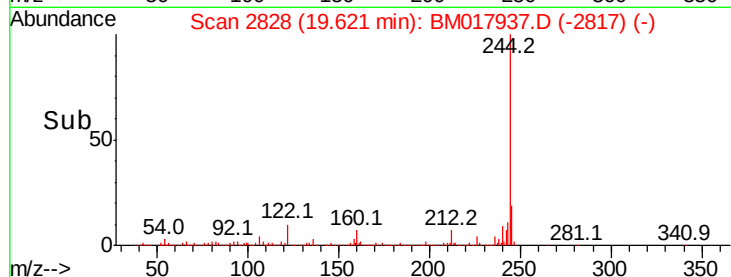
122 10.5 9.0 13.6



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: BM017937.D

Acq: 05 Dec 2018 16:24

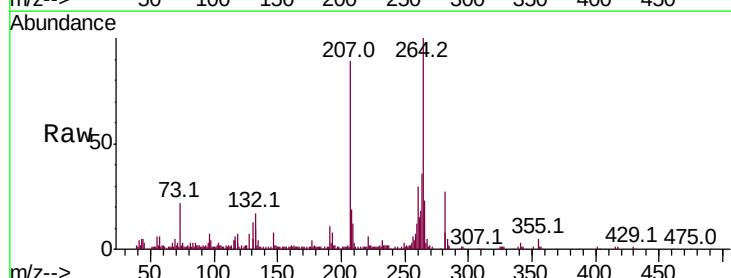
Tgt Ion:264 Resp: 182670

Ion Ratio Lower Upper

264 100

260 30.0 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

