

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

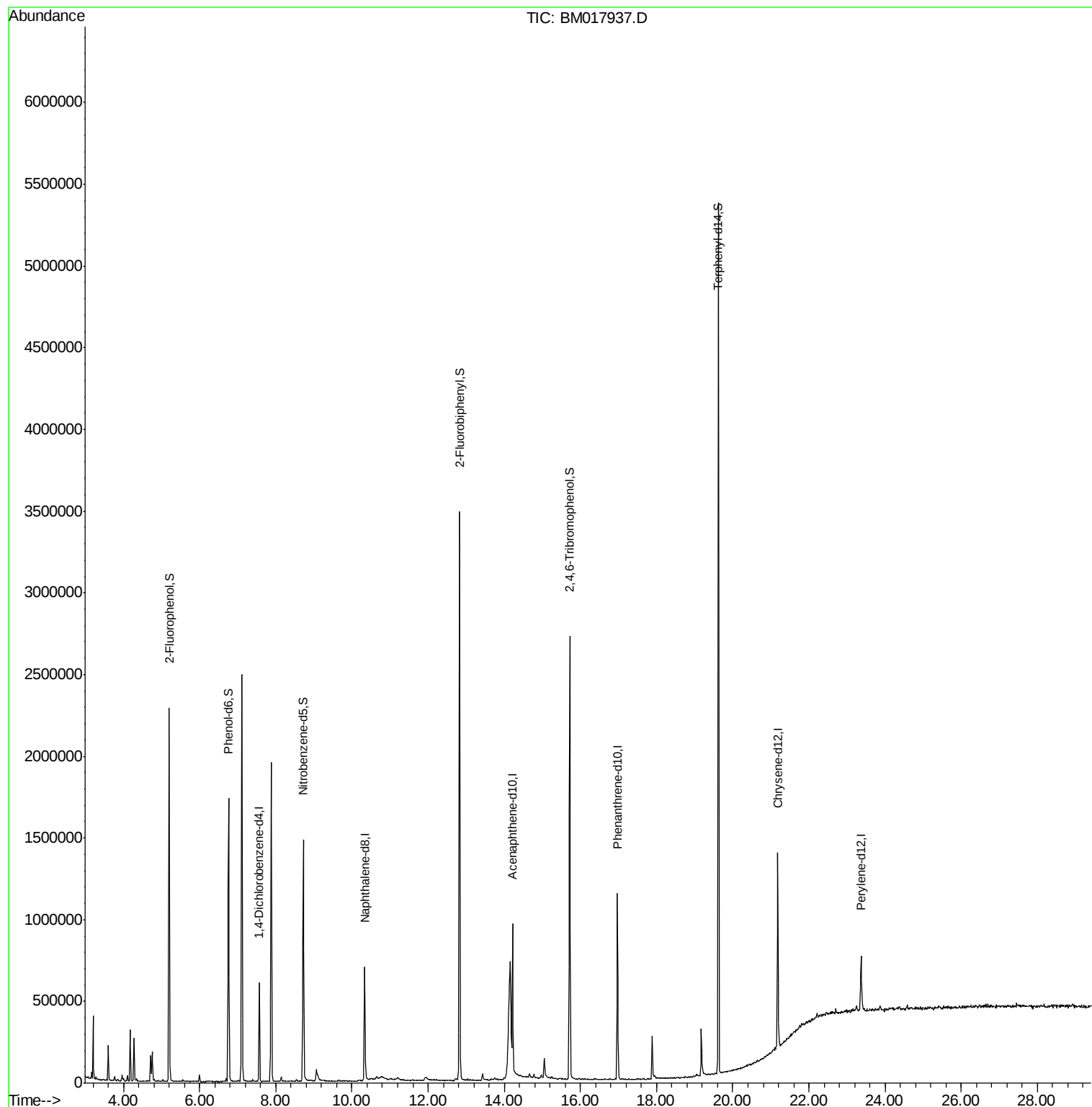
Target Compounds	Qvalue
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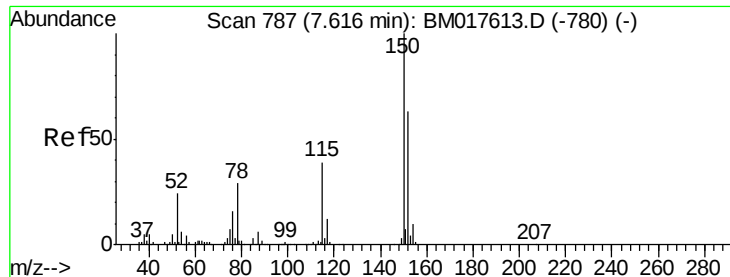
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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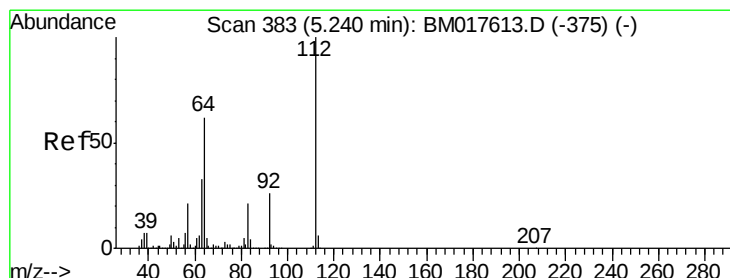
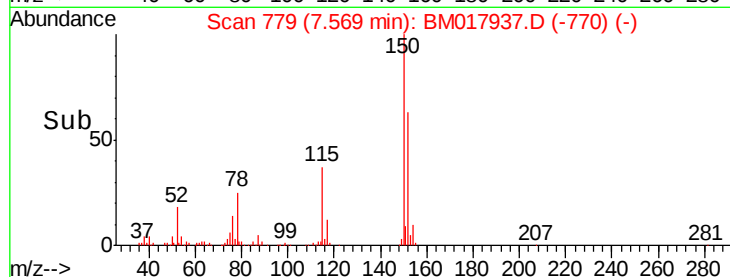
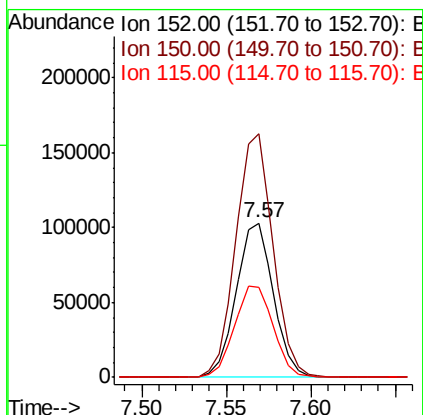
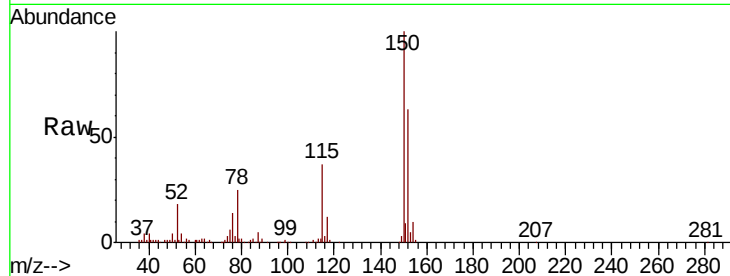


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.57 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

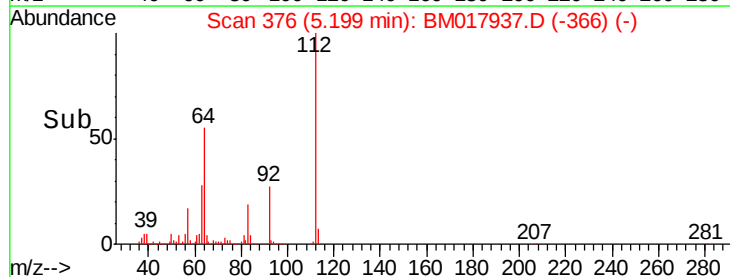
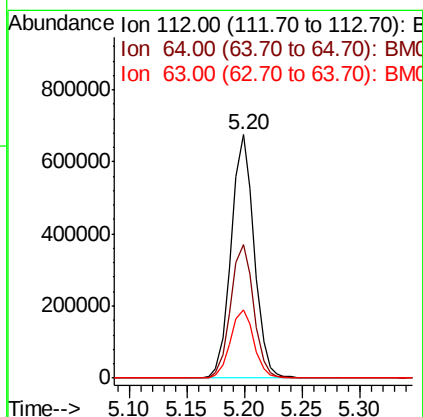
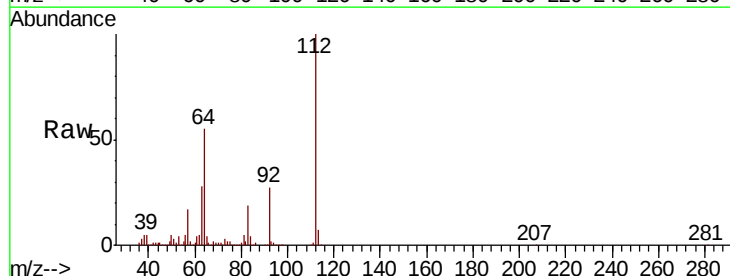
Tgt Ion:152 Resp: 157949
 Ion Ratio Lower Upper
 152 100
 150 157.9 126.4 189.6
 115 58.7 49.4 74.0

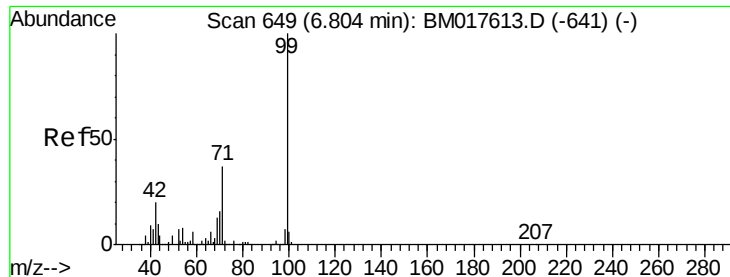


#5

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:112 Resp: 932413
 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

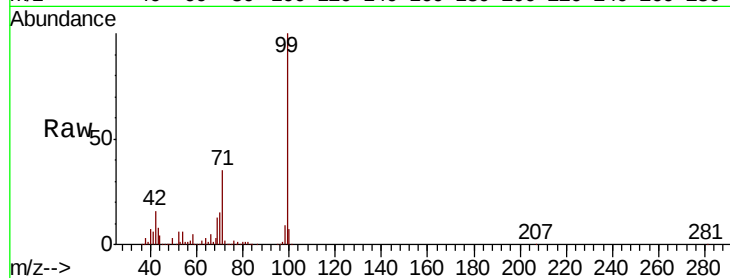
Tgt Ion: 99 Resp: 999435

Ion Ratio Lower Upper

99 100

42 16.4 16.3 24.5

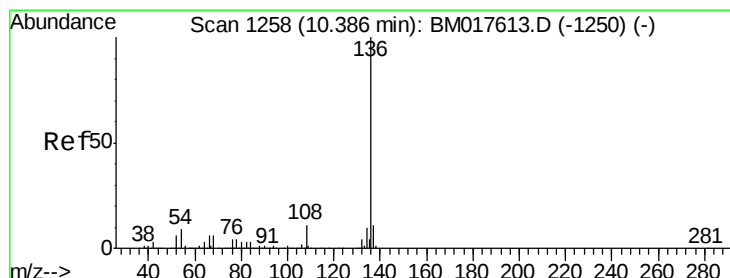
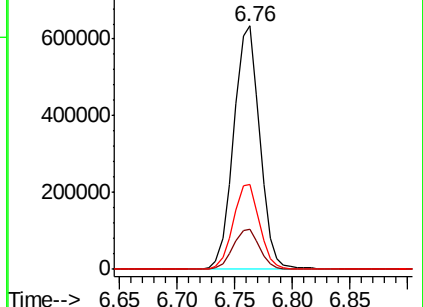
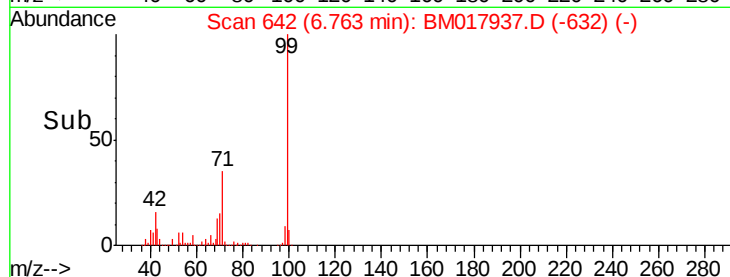
71 35.0 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BM017937.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM017937.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM017937.D (-632) (-)



#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

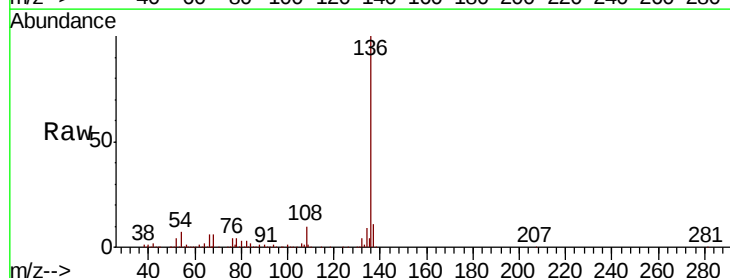
Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 7.3 7.0 10.6

68 6.1 4.9 7.3

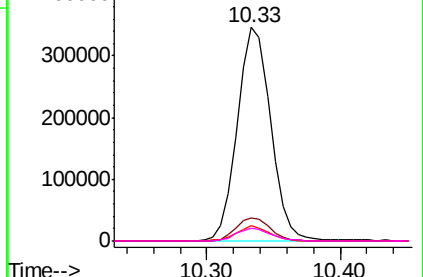
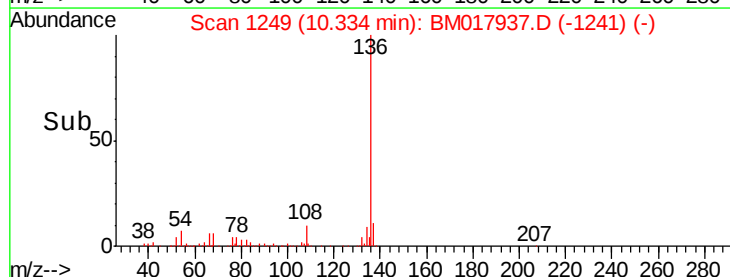


Abundance Ion 136.00 (135.70 to 136.70): BM017937.D (-1241) (-)

Ion 137.00 (136.70 to 137.70): BM017937.D (-1241) (-)

Ion 54.00 (53.70 to 54.70): BM017937.D (-1241) (-)

Ion 68.00 (67.70 to 68.70): BM017937.D (-1241) (-)

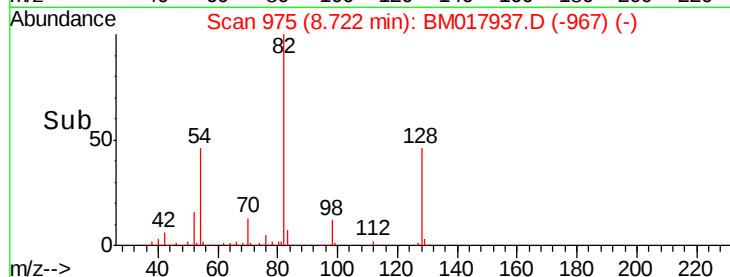
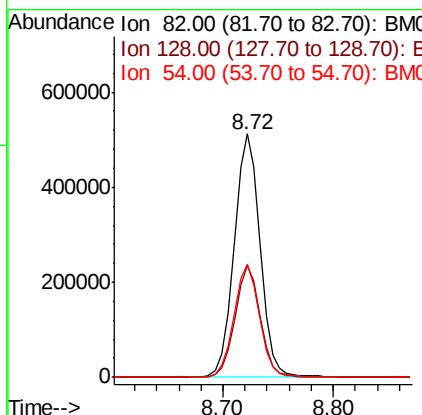
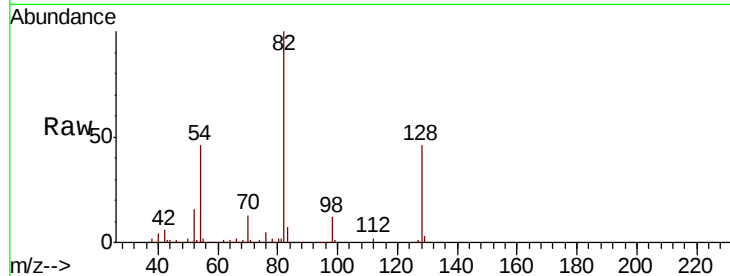




#23
Nitrobenzene-d5
Concen: 72.467 ng
RT: 8.72 min Scan# 975
Delta R.T. -0.05 min
Lab File: BM017937.D
Acq: 05 Dec 2018 16:24

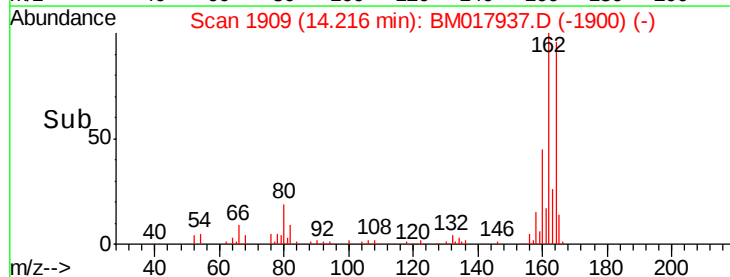
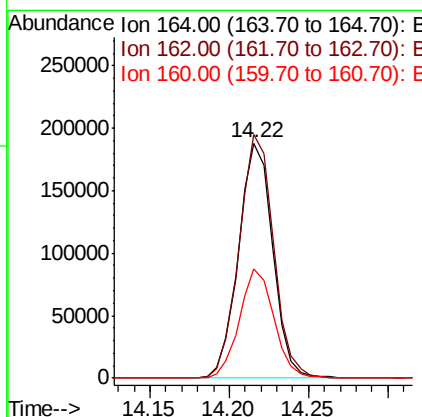
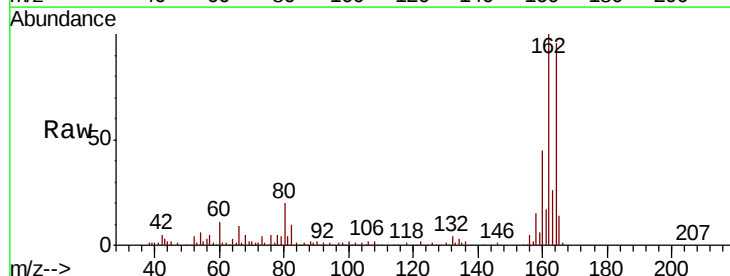
Instrument :
BNA_M
ClientSampleId :
RO-331

Tgt 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	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

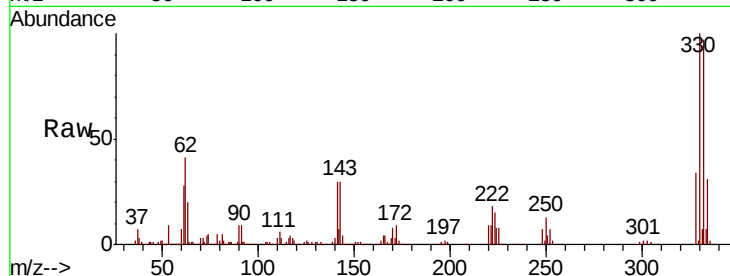
Tgt Ion:330 Resp: 518966

Ion Ratio Lower Upper

330 100

332 97.1 77.9 116.9

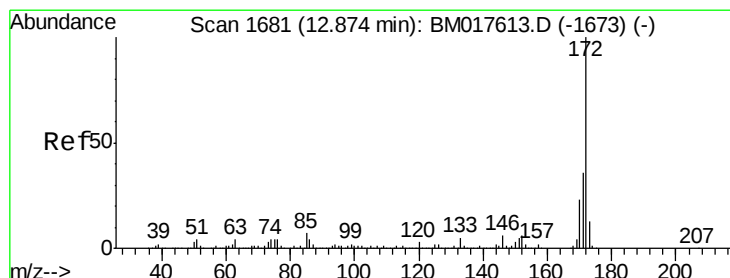
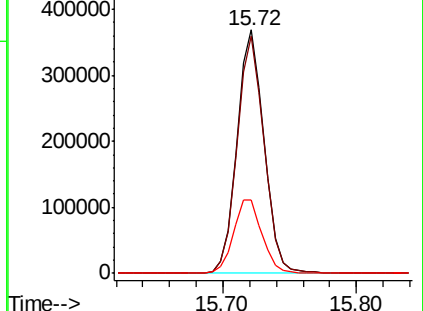
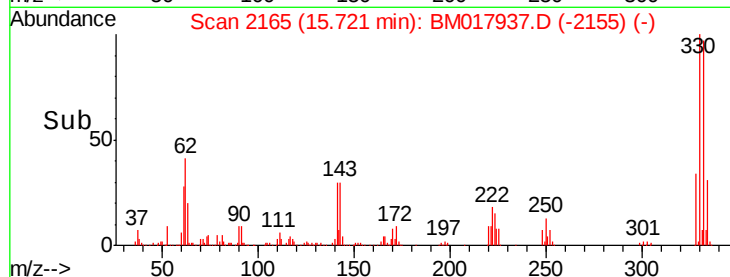
141 32.0 27.5 41.3



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

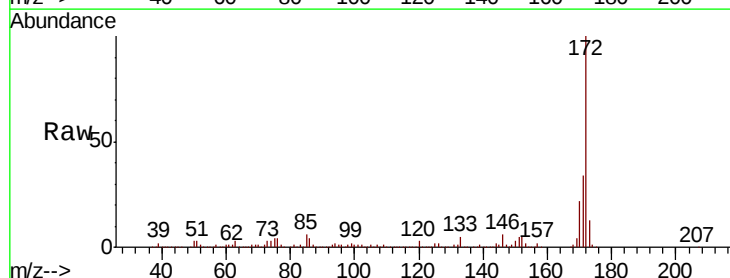
Tgt Ion:172 Resp: 1823127

Ion Ratio Lower Upper

172 100

171 34.5 28.7 43.1

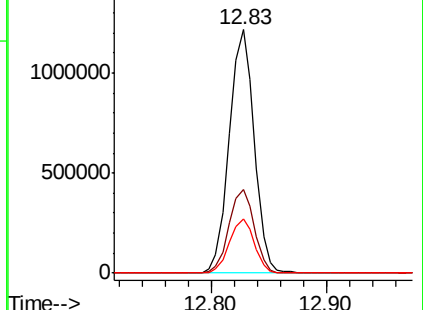
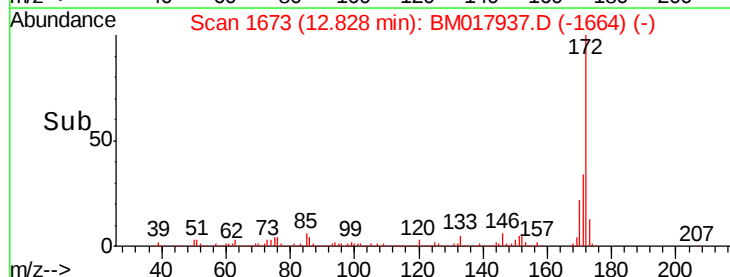
170 22.5 18.3 27.5

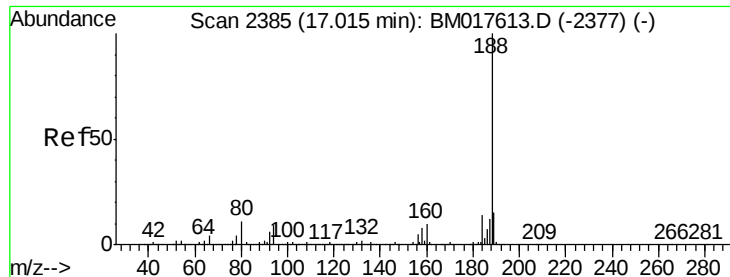


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

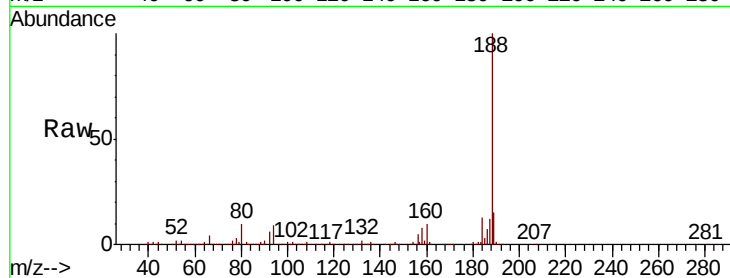




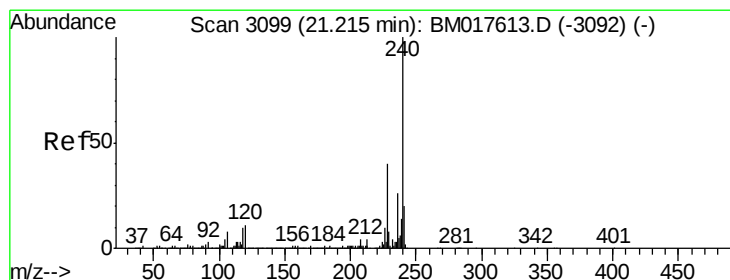
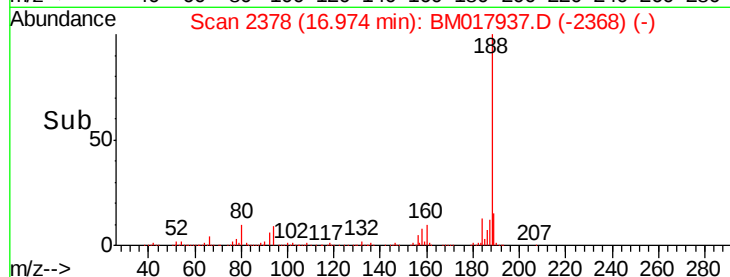
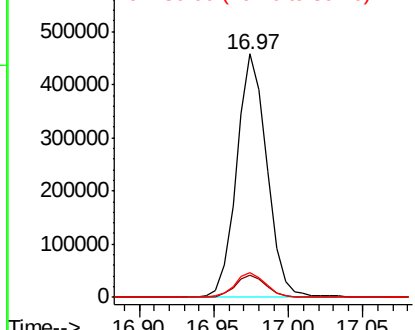
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2378
Delta R.T. -0.04 min
Lab File: BM017937.D
Acq: 05 Dec 2018 16:24

Instrument :
BNA_M
ClientSampleId :
RO-331

Tgt Ion:188 Resp: 646153
Ion Ratio Lower Upper
188 100
94 9.0 7.5 11.3
80 10.4 8.6 13.0

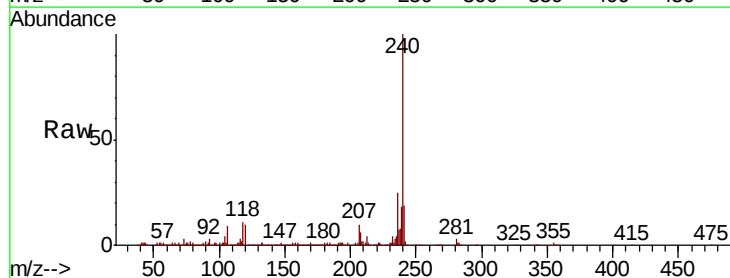


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

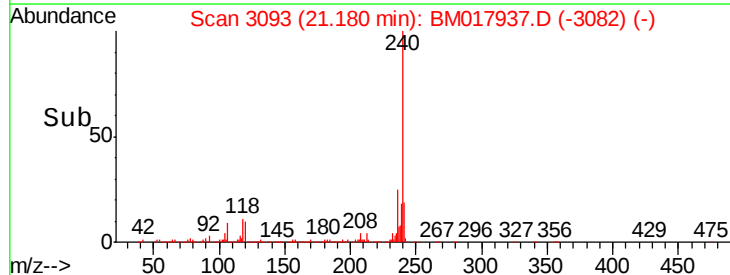
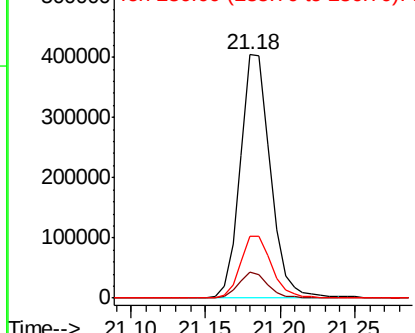


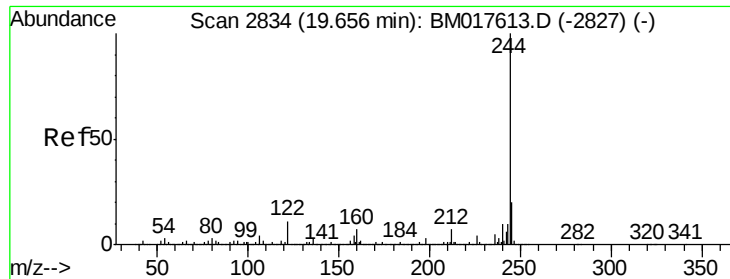
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.18 min Scan# 3093
Delta R.T. -0.04 min
Lab File: BM017937.D
Acq: 05 Dec 2018 16:24

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

ClientSampleId :

RO-331

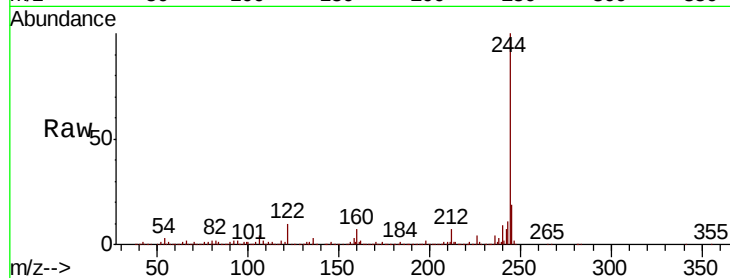
Tgt Ion:244 Resp: 2500274

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

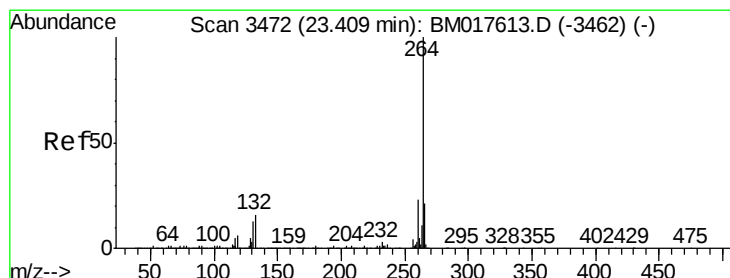
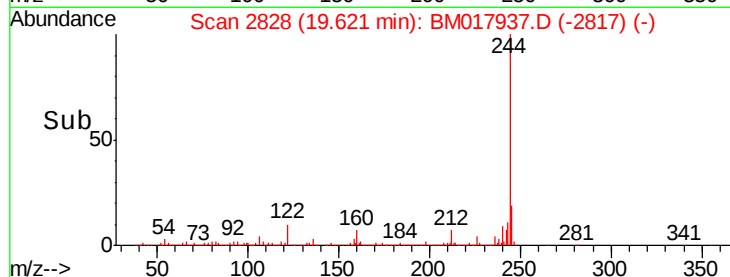
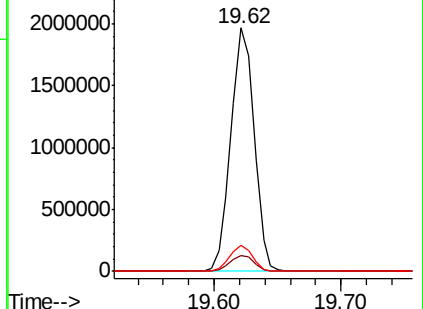
122 10.5 9.0 13.6



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

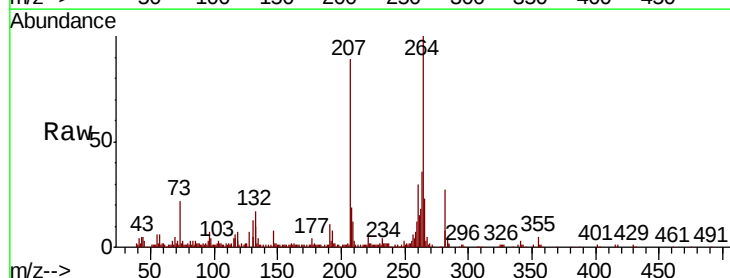
Tgt Ion:264 Resp: 182670

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

