

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120518\
 Data File : BM017930.D
 Acq On : 05 Dec 2018 08:24
 Operator : JU/SJ
 Sample : PB115307BL
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 05 10:07:04 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	110179	20.00	ng	-0.04
21) Naphthalene-d8	10.35	136	421838	20.00	ng	-0.04
39) Acenaphthene-d10	14.23	164	232974	20.00	ng	-0.04
64) Phenanthrene-d10	16.99	188	514853	20.00	ng	-0.03
76) Chrysene-d12	21.19	240	590826	20.00	ng	-0.02
87) Perylene-d12	23.37	264	664742	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	422873	64.77	ng	-0.03
7) Phenol-d6	6.77	99	537978	59.00	ng	-0.04
23) Nitrobenzene-d5	8.73	82	462100	56.55	ng	-0.04
42) 2,4,6-Tribromophenol	15.73	330	200948	60.03	ng	-0.03
45) 2-Fluorobiphenyl	12.84	172	1160701	64.63	ng	-0.04
79) Terphenyl-d14	19.63	244	1686317	64.69	ng	-0.02

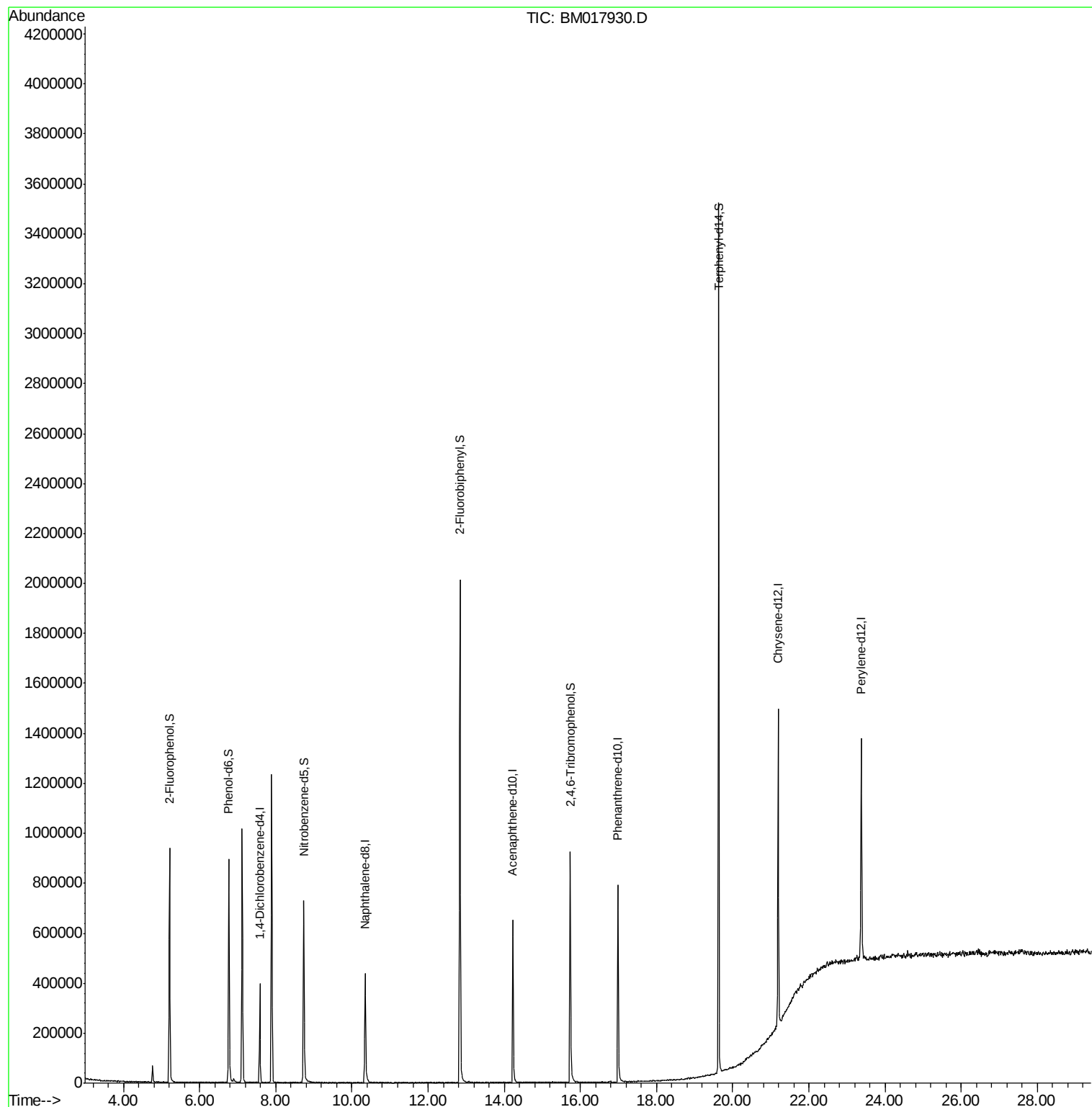
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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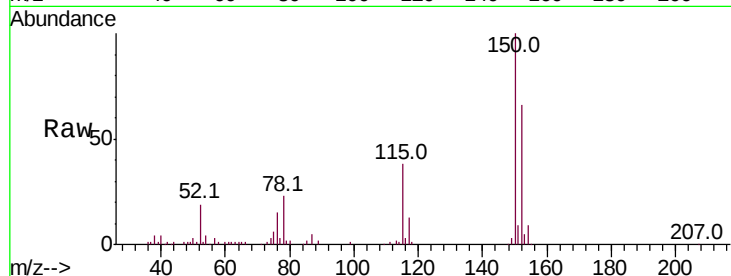


#1

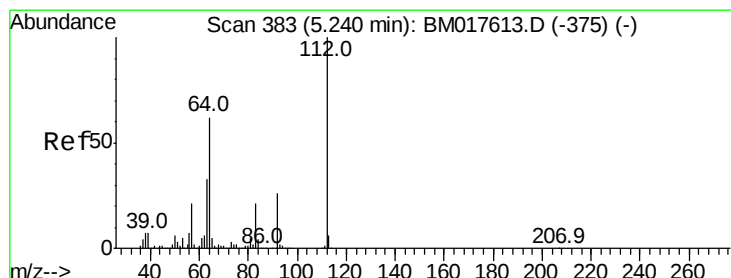
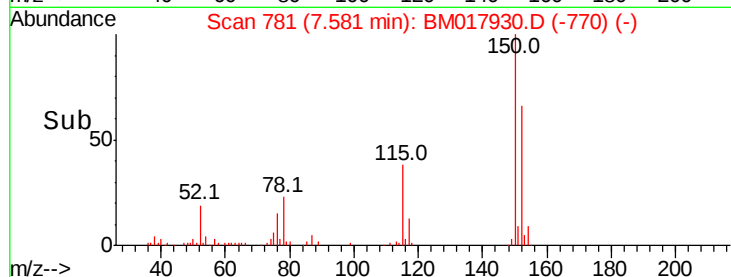
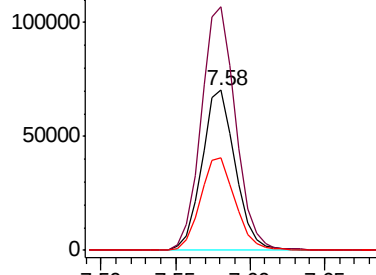
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM017930.D
Acq: 05 Dec 2018 08:24

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	126.4	189.6
115	57.7	49.4	74.0



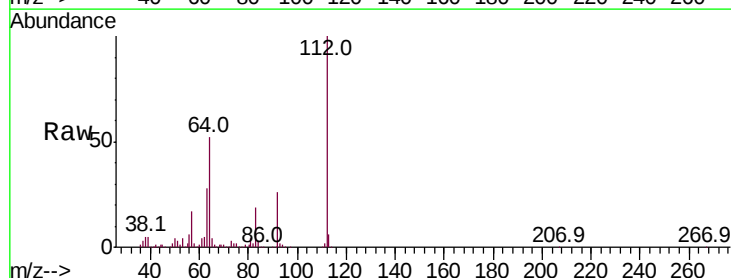
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



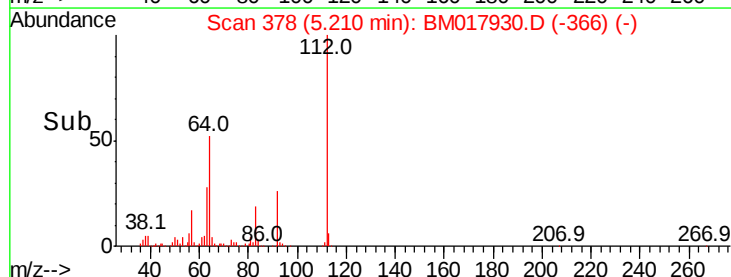
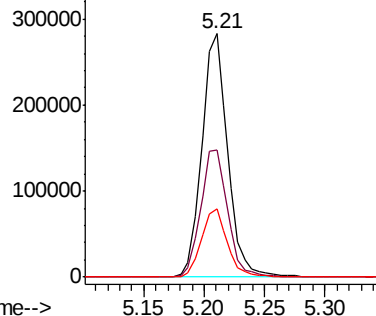
#5

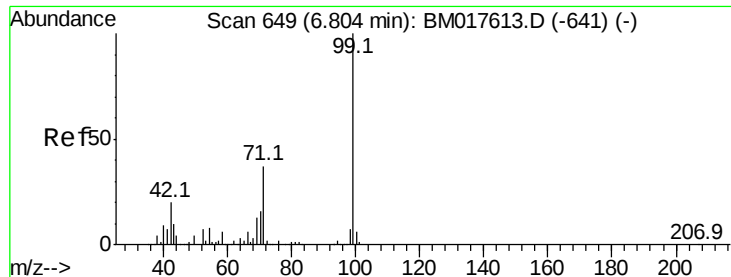
2-Fluorophenol
Concen: 64.773 ng
RT: 5.21 min Scan# 378
Delta R.T. -0.03 min
Lab File: BM017930.D
Acq: 05 Dec 2018 08:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.5	49.3	73.9
63	28.0	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: 59.001 ng

RT: 6.77 min Scan# 643

Delta R.T. -0.04 min

Lab File: BM017930.D

Acq: 05 Dec 2018 08:24

Instrument :

BNA_M

ClientSampleId :

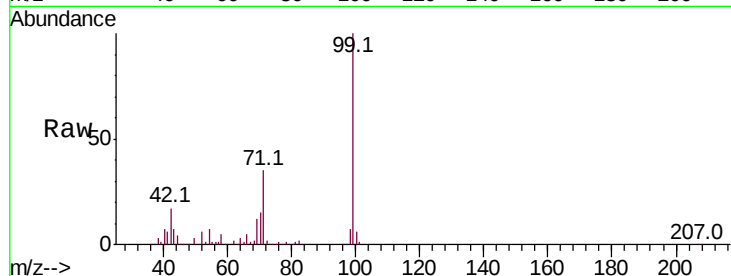
Tot Ion: 99 Resp: 537978

Ion Ratio Lower Upper

99 100

42 16.5 16.3 24.5

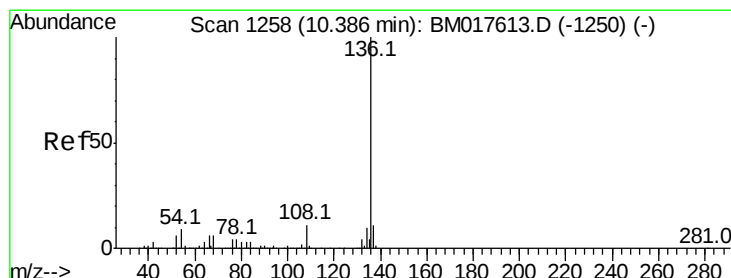
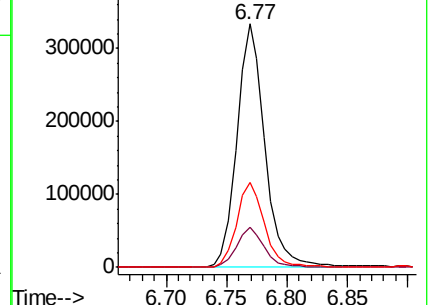
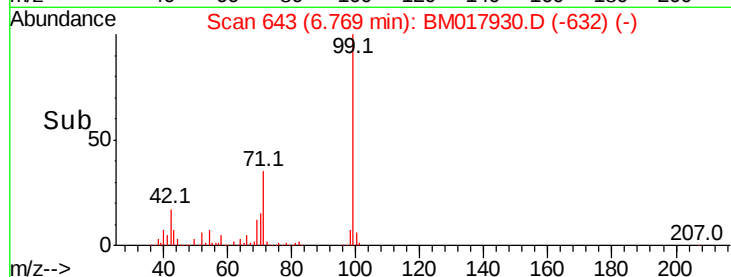
71 34.7 29.8 44.8



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: BM017930.D

Acq: 05 Dec 2018 08:24

Tgt Ion: 136 Resp: 421838

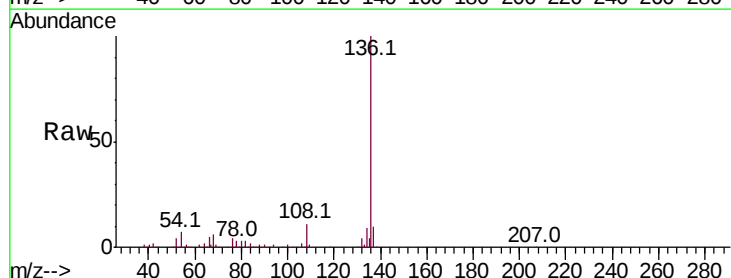
Ion Ratio Lower Upper

136 100

137 10.1 8.6 12.8

54 7.1 7.0 10.6

68 5.9 4.9 7.3

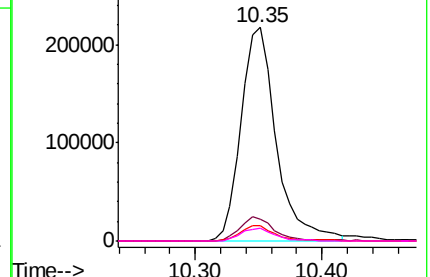
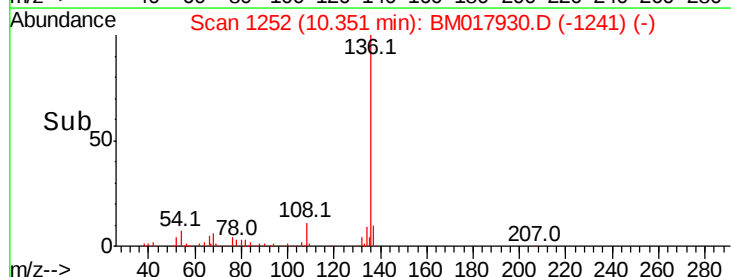


Abundance Ion 136.00 (135.70 to 136.70): BM017613.D (-1250) (-)

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) (-)

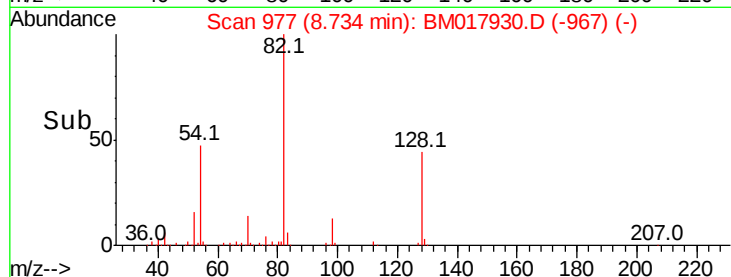
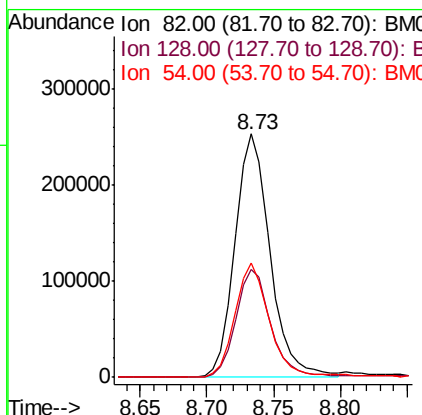
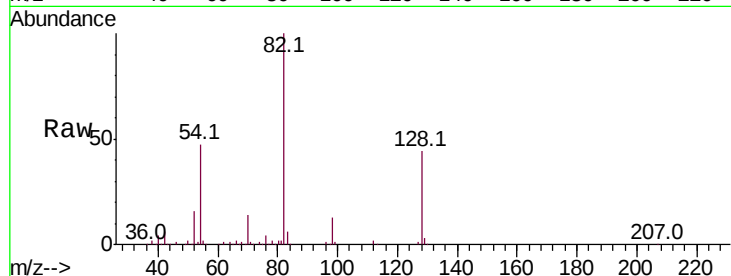




#23
Nitrobenzene-d5
Concen: 56.553 ng
RT: 8.73 min Scan# 977
Delta R.T. -0.04 min
Lab File: BM017930.D
Acq: 05 Dec 2018 08:24

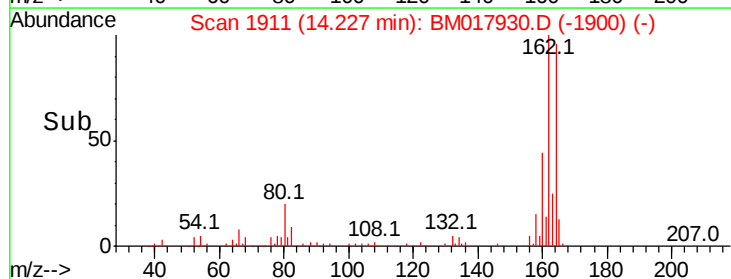
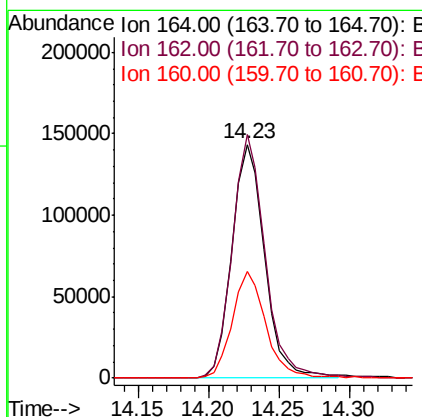
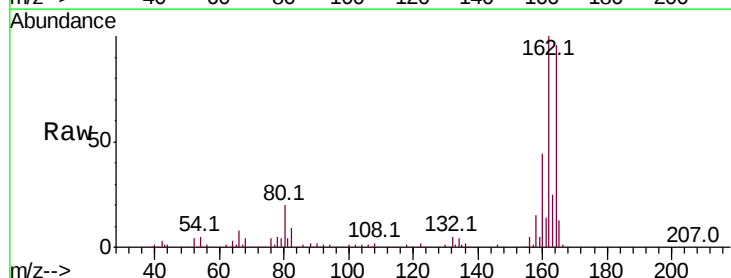
Instrument :
BNA_M
ClientSampleId :

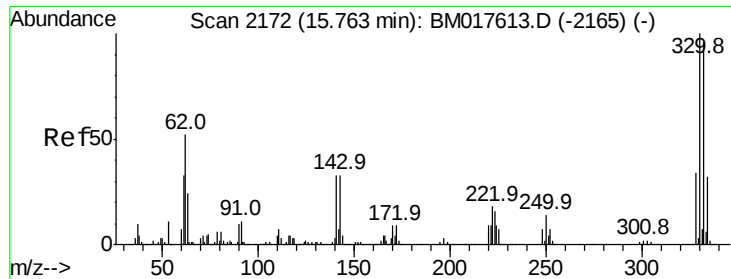
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	33.0	49.4
54	47.0	41.4	62.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.04 min
Lab File: BM017930.D
Acq: 05 Dec 2018 08:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	81.4	122.0
160	45.9	35.6	53.4

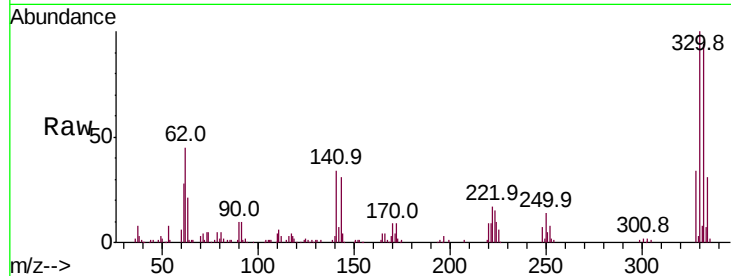




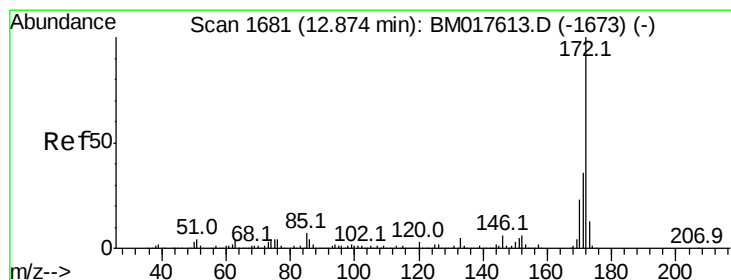
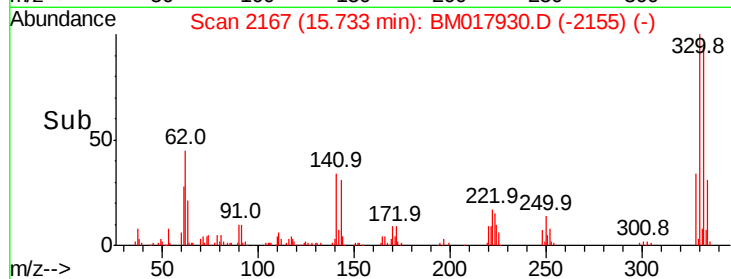
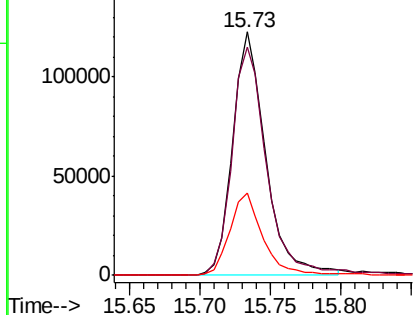
#42
 2,4,6-Tribromophenol
 Concen: 60.029 ng
 RT: 15.73 min Scan# 2167
 Delta R.T. -0.03 min
 Lab File: BM017930.D
 Acq: 05 Dec 2018 08:24

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.9	116.9
141	33.6	27.5	41.3

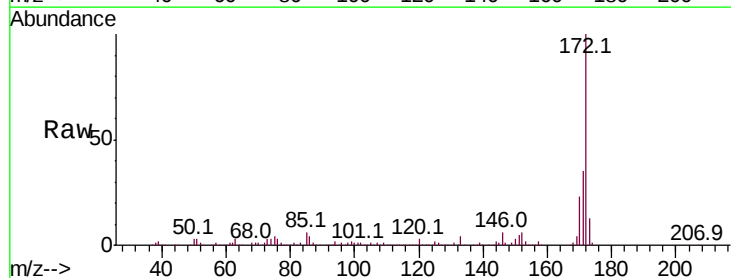


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

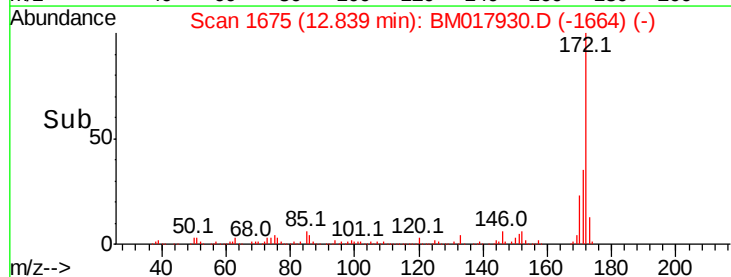
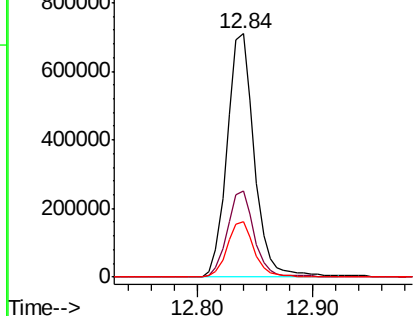


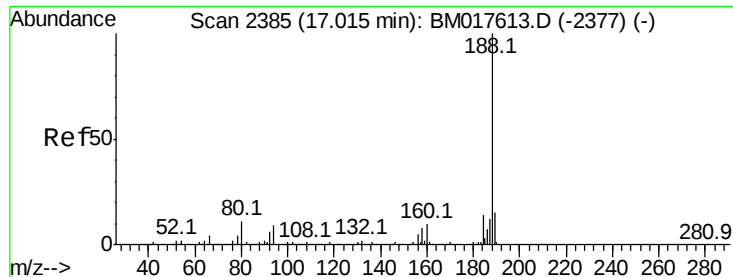
#45
 2-Fluorobiphenyl
 Concen: 64.635 ng
 RT: 12.84 min Scan# 1675
 Delta R.T. -0.04 min
 Lab File: BM017930.D
 Acq: 05 Dec 2018 08:24

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: 16.99 min Scan# 2380

Delta R.T. -0.03 min

Lab File: BM017930.D

Acq: 05 Dec 2018 08:24

Instrument :

BNA_M

ClientSampleId :

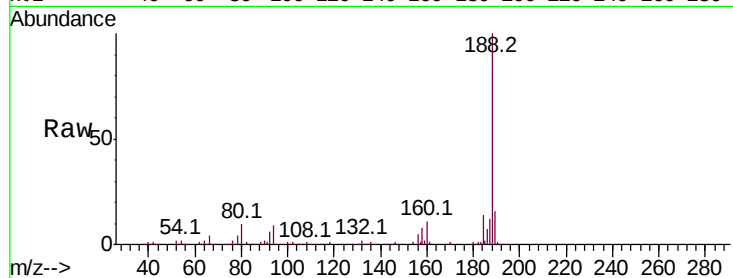
Tot Ion:188 Resp: 514853

Ion Ratio Lower Upper

188 100

94 8.7 7.5 11.3

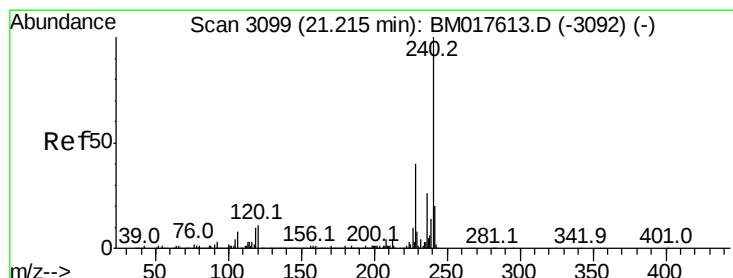
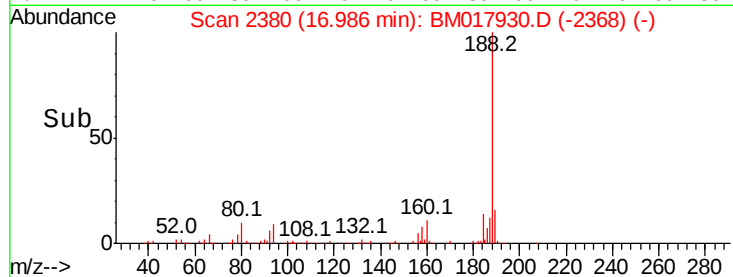
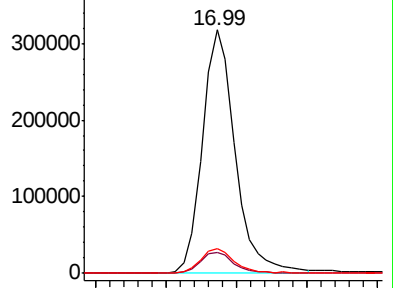
80 10.3 8.6 13.0



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: BM017930.D

Acq: 05 Dec 2018 08:24

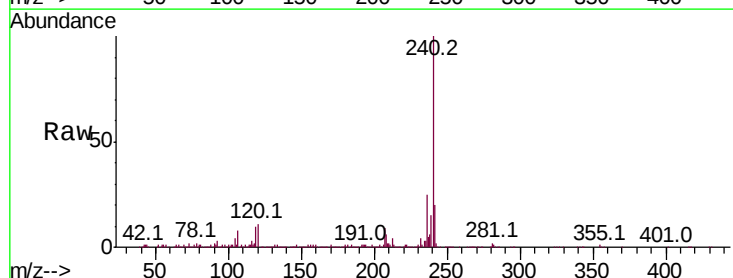
Tgt Ion:240 Resp: 590826

Ion Ratio Lower Upper

240 100

120 10.5 8.5 12.7

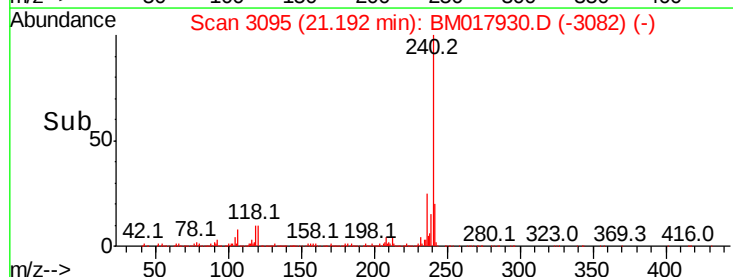
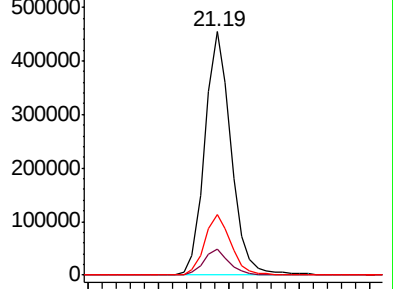
236 24.8 20.4 30.6

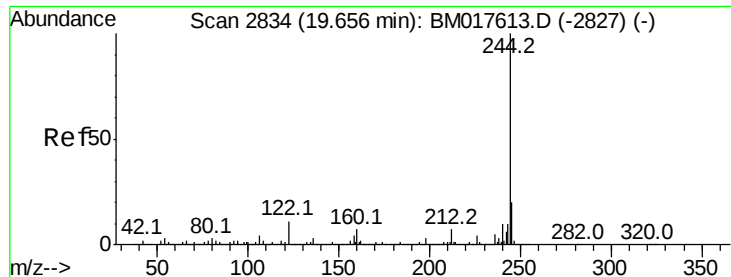


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 64.687 ng

RT: 19.63 min Scan# 2830

Delta R.T. -0.02 min

Lab File: BM017930.D

Acq: 05 Dec 2018 08:24

Instrument :

BNA_M

ClientSampleId :

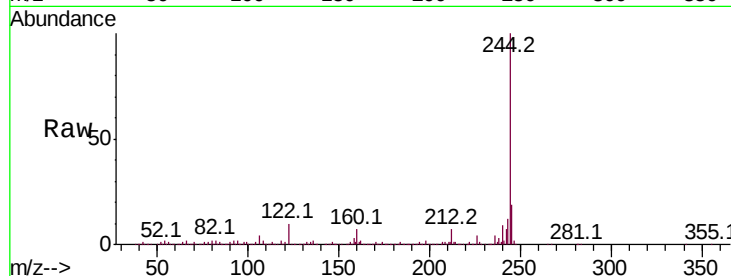
Tot Ion:244 Resp: 1686317

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.6

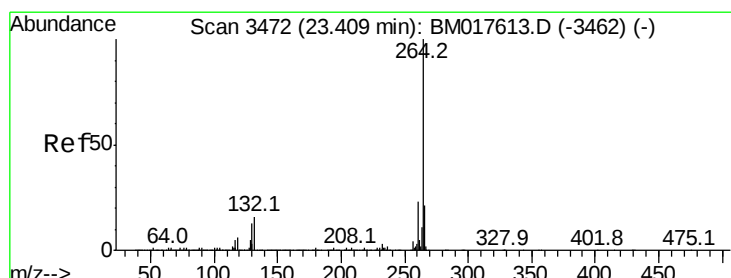
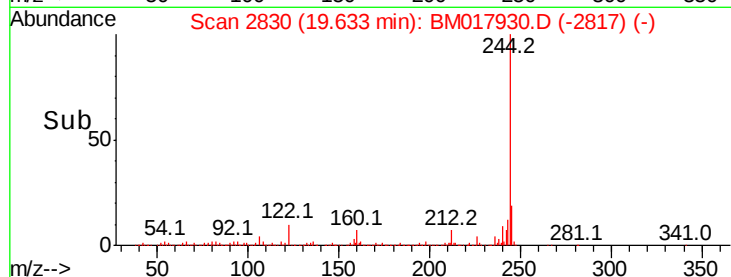
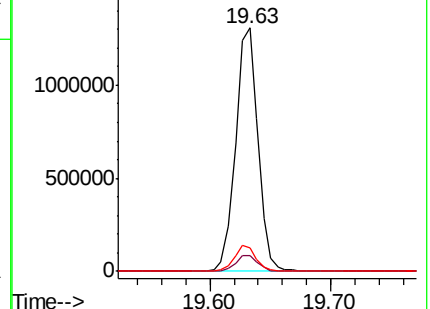
122 9.8 9.0 13.6



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: BM017930.D

Acq: 05 Dec 2018 08:24

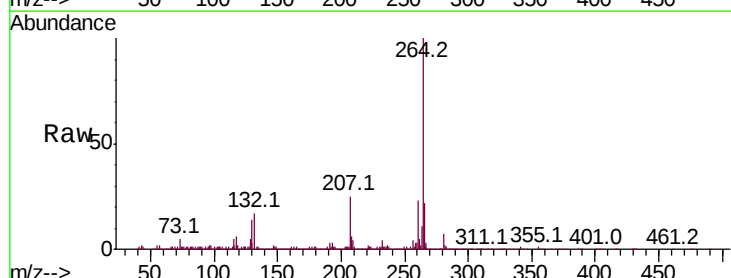
Tgt Ion:264 Resp: 664742

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.2

265 22.4 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

