

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120218\
 Data File : BM017868.D
 Acq On : 01 Dec 2018 22:02
 Operator : JU/SJ
 Sample : J6128-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 112718-TIPC-F-D-S

Quant Time: Dec 03 00:19:06 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	187121	20.00	ng	-0.04
21) Naphthalene-d8	10.35	136	788954	20.00	ng	-0.04
39) Acenaphthene-d10	14.23	164	449689	20.00	ng	-0.04
64) Phenanthrene-d10	16.99	188	964563	20.00	ng	-0.03
76) Chrysene-d12	21.19	240	773109	20.00	ng	-0.02
87) Perylene-d12	23.37	264	713573	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	414700	37.40	ng	-0.03
7) Phenol-d6	6.77	99	327386	21.14	ng	-0.04
23) Nitrobenzene-d5	8.74	82	1339230	87.63	ng	-0.04
42) 2,4,6-Tribromophenol	15.73	330	513763	79.51	ng	-0.04
45) 2-Fluorobiphenyl	12.84	172	3219345	92.88	ng	-0.04
79) Terphenyl-d14	19.63	244	3774118	110.64	ng	-0.02

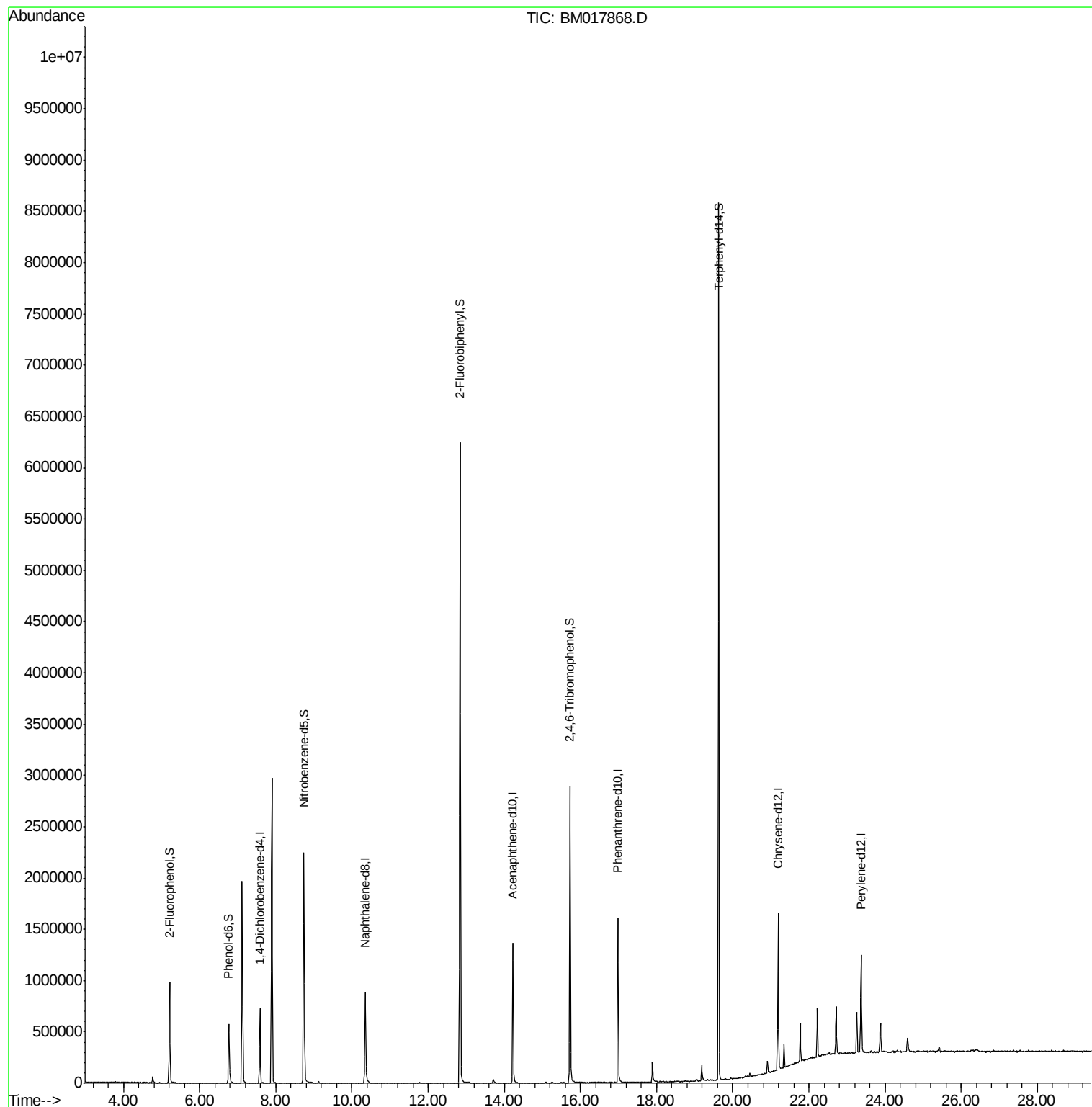
Target Compounds	Qvalue
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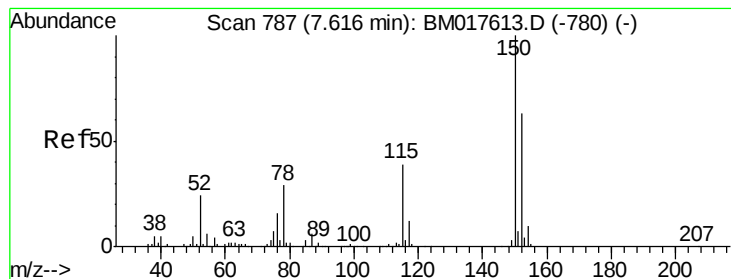
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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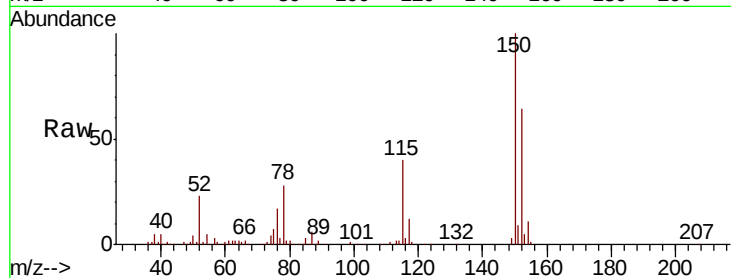


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM017868.D
Acq: 01 Dec 2018 22:02

Instrument :
BNA_M
ClientSampleId :
112718-TIPC-F-D-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.4	189.6
115	61.9	49.4	74.0

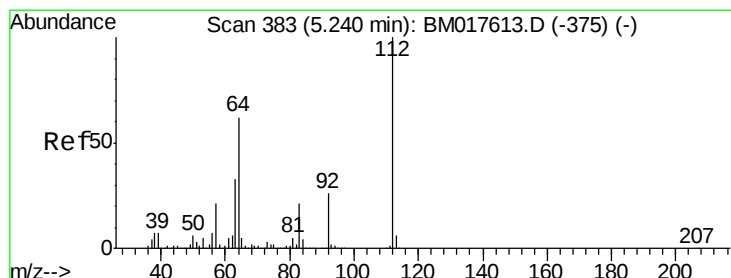
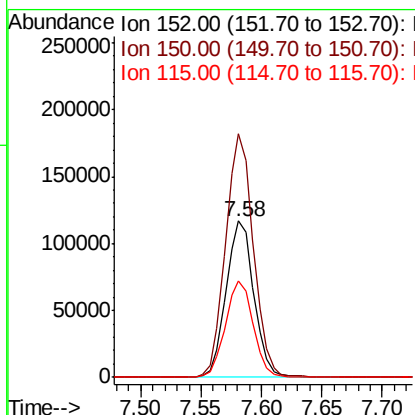
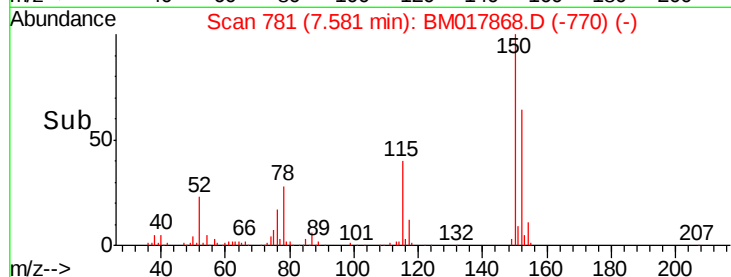


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

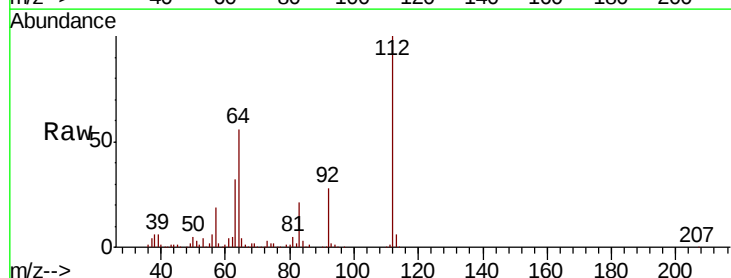
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 37.402 ng
RT: 5.21 min Scan# 378
Delta R.T. -0.03 min
Lab File: BM017868.D
Acq: 01 Dec 2018 22:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	49.3	73.9
63	32.0	26.2	39.4

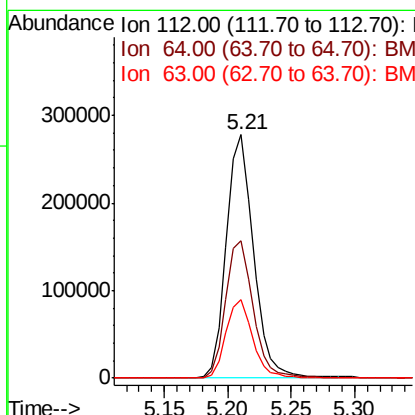
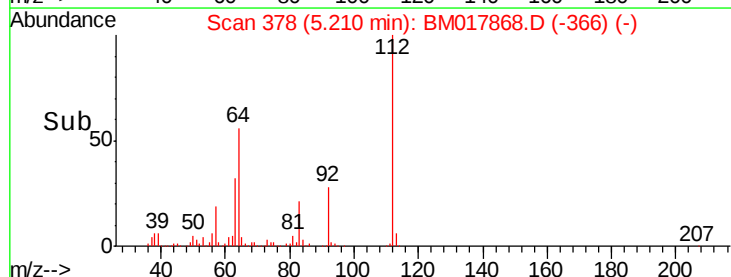


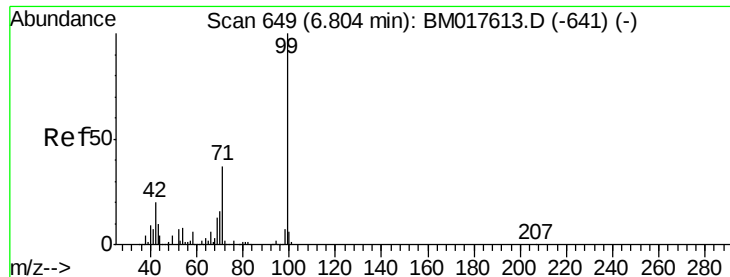
Abundance

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: 21.141 ng

RT: 6.77 min Scan# 643

Delta R.T. -0.04 min

Lab File: BM017868.D

Acq: 01 Dec 2018 22:02

Instrument :

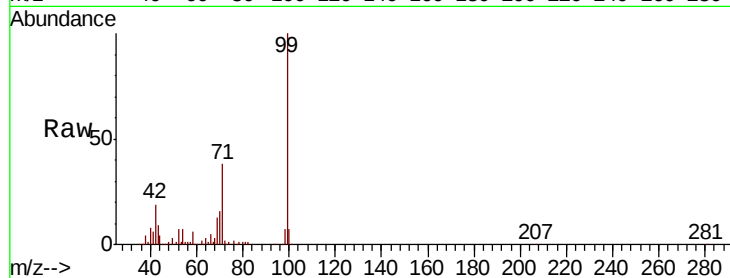
BNA_M

ClientSampleId :

112718-TIPC-F-D-S

Tot Ion: 99 Resp: 327386

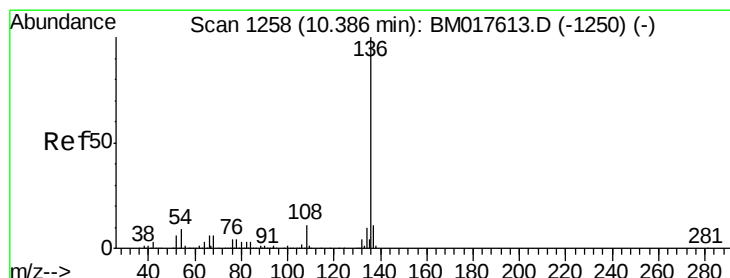
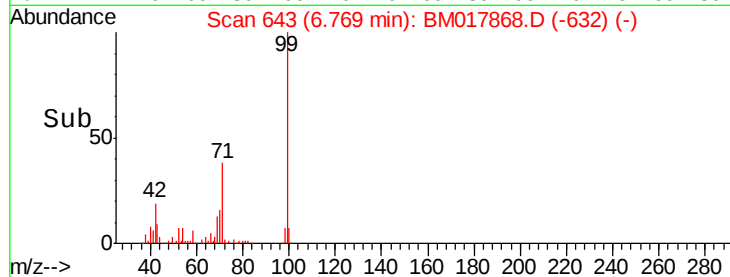
Ion	Ratio	Lower	Upper
99	100		
42	18.8	16.3	24.5
71	37.5	29.8	44.8



Abundance Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1252

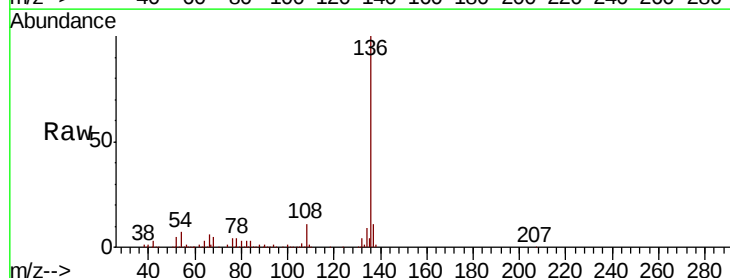
Delta R.T. -0.04 min

Lab File: BM017868.D

Acq: 01 Dec 2018 22:02

Tgt Ion: 136 Resp: 788954

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	7.2	7.0	10.6
68	5.0	4.9	7.3

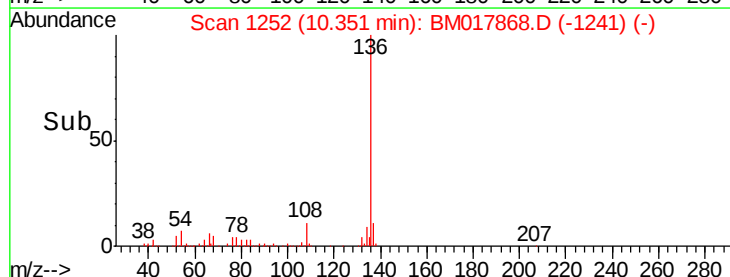


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0

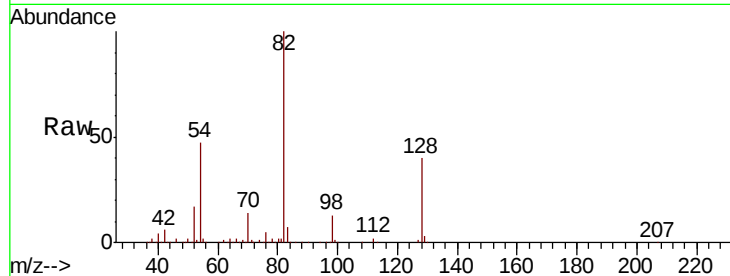




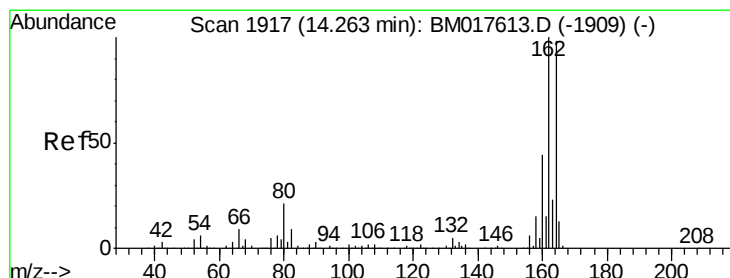
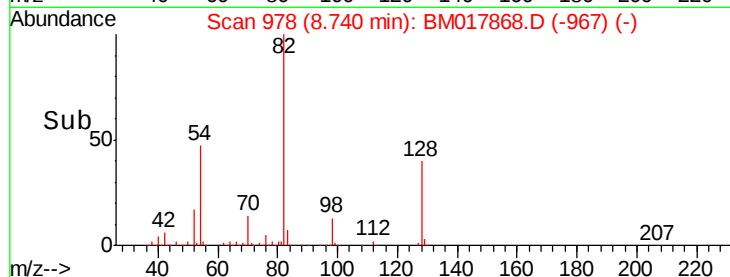
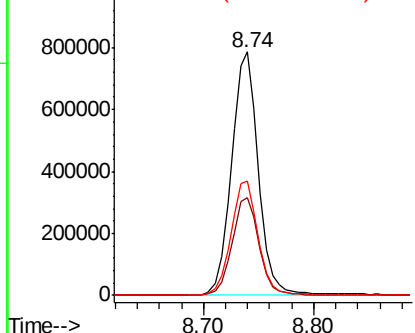
#23
Nitrobenzene-d5
Concen: 87.633 ng
RT: 8.74 min Scan# 978
Delta R.T. -0.04 min
Lab File: BM017868.D
Acq: 01 Dec 2018 22:02

Instrument :
BNA_M
ClientSampleId :
112718-TIPC-F-D-S

Tot Ion: 82 Resp: 1339230
Ion Ratio Lower Upper
82 100
128 40.2 33.0 49.4
54 47.2 41.4 62.2

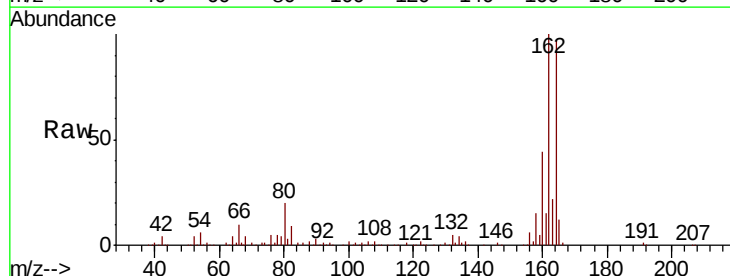


Abundance Ion 82.00 (81.70 to 82.70): BM017613.D (-975) (-)
Ion 128.00 (127.70 to 128.70): BM017613.D (-975) (-)
Ion 54.00 (53.70 to 54.70): BM017613.D (-975) (-)

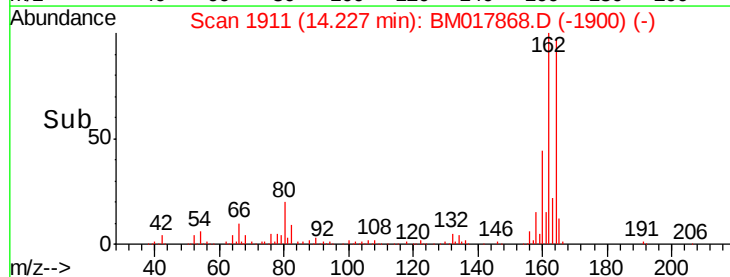
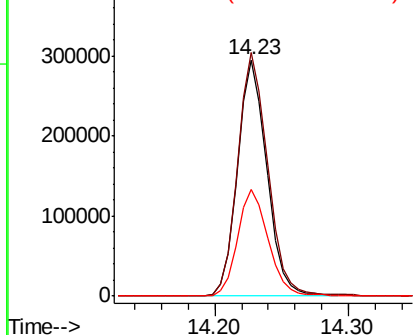


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.04 min
Lab File: BM017868.D
Acq: 01 Dec 2018 22:02

Tgt Ion:164 Resp: 449689
Ion Ratio Lower Upper
164 100
162 103.2 81.4 122.0
160 45.2 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) (-)

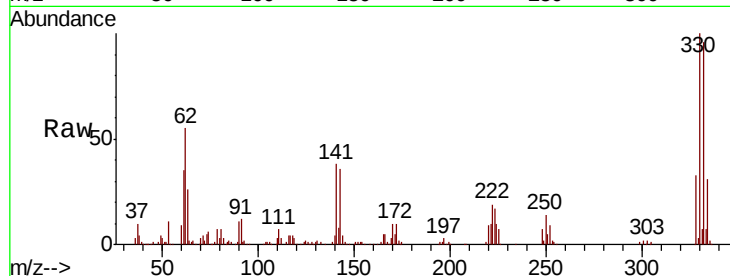




#42
 2,4,6-Tribromophenol
 Concen: 79.513 ng
 RT: 15.73 min Scan# 2166
 Delta R.T. -0.04 min
 Lab File: BM017868.D
 Acq: 01 Dec 2018 22:02

Instrument :
 BNA_M
 ClientSampleId :
 112718-TIPC-F-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.9	116.9
141	36.7	27.5	41.3

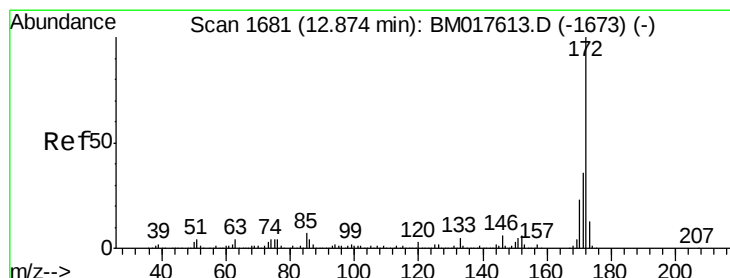
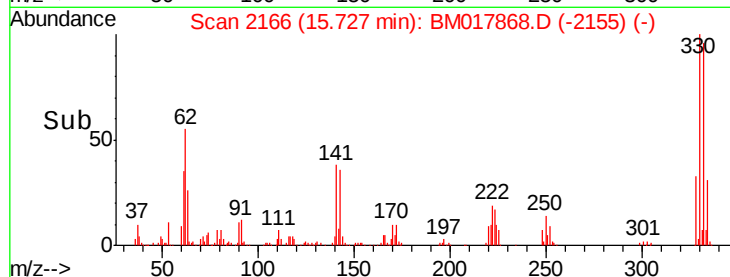
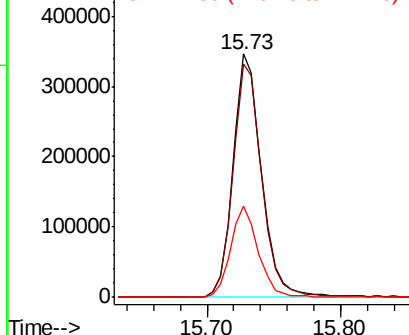


Abundance

Ion 329.80 (329.50 to 330.50): E

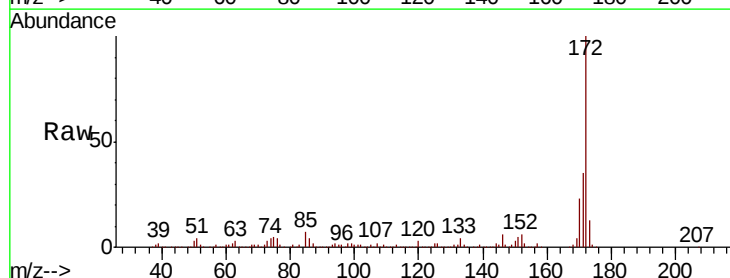
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 92.877 ng
 RT: 12.84 min Scan# 1675
 Delta R.T. -0.04 min
 Lab File: BM017868.D
 Acq: 01 Dec 2018 22:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.7	43.1
170	22.8	18.3	27.5

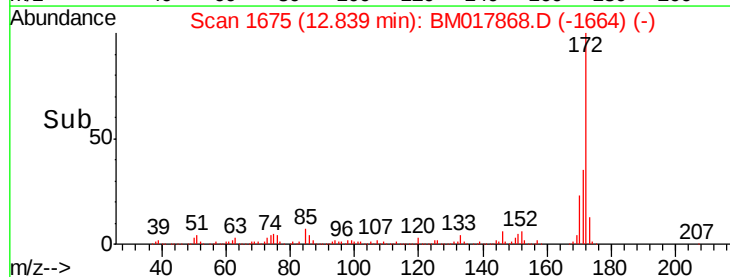
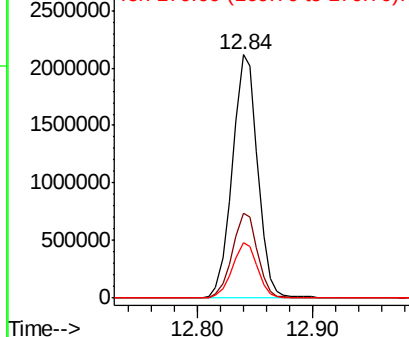


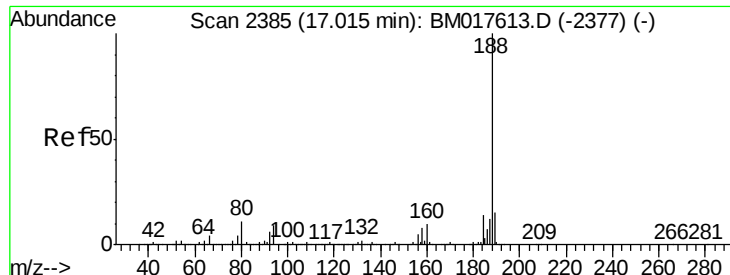
Abundance

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

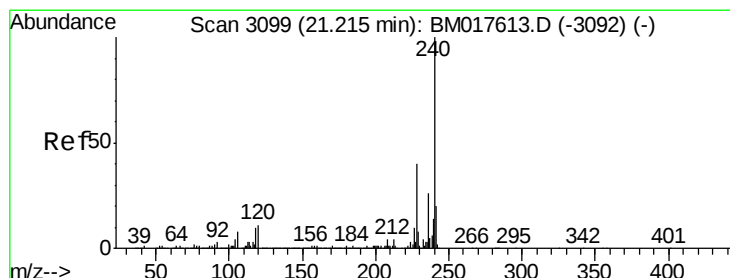
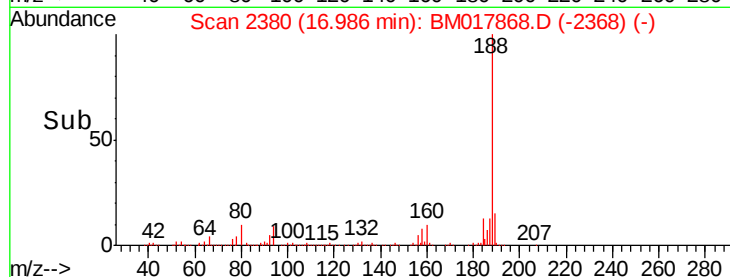
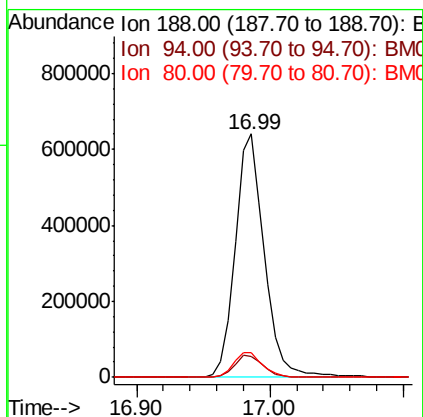
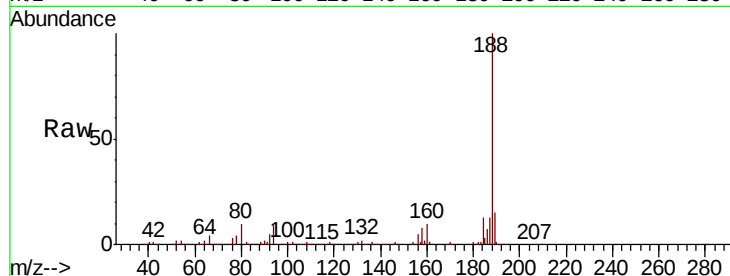




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.03 min
Lab File: BM017868.D
Acq: 01 Dec 2018 22:02

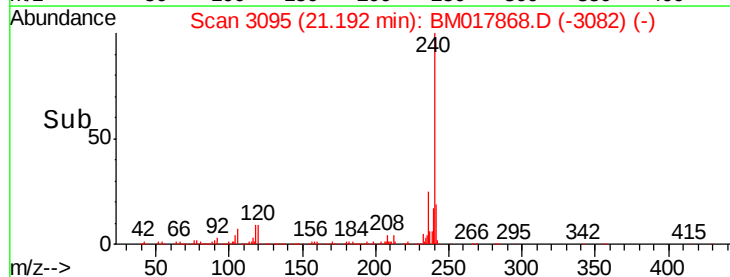
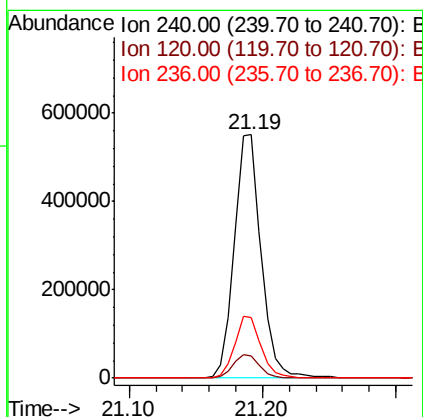
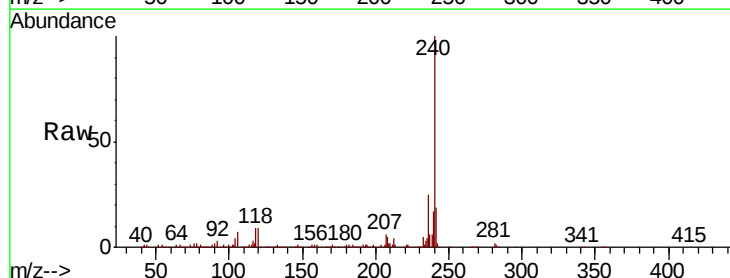
Instrument :
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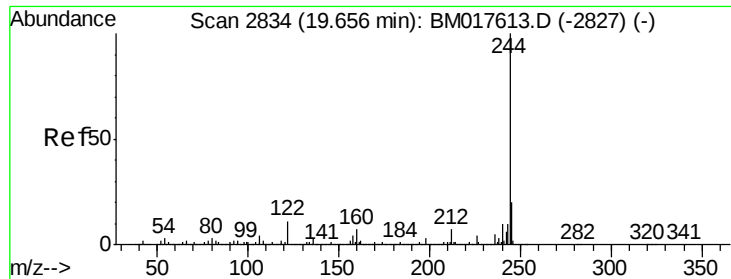
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.5	11.3
80	10.0	8.6	13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BM017868.D
Acq: 01 Dec 2018 22:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.5	12.7
236	24.9	20.4	30.6





#79

Terphenyl-d14

Concen: 110.641 ng

RT: 19.63 min Scan# 2830

Delta R.T. -0.02 min

Lab File: BM017868.D

Acq: 01 Dec 2018 22:02

Instrument :

BNA_M

ClientSampleId :

112718-TIPC-F-D-S

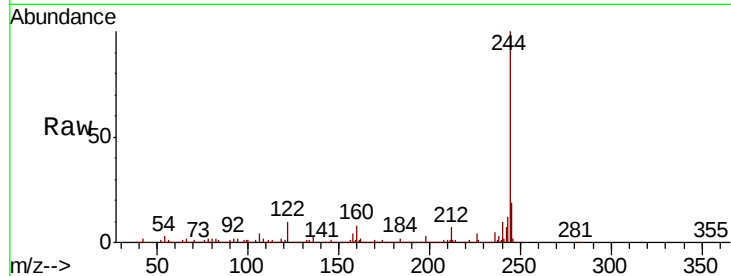
Tot Ion:244 Resp: 3774118

Ion Ratio Lower Upper

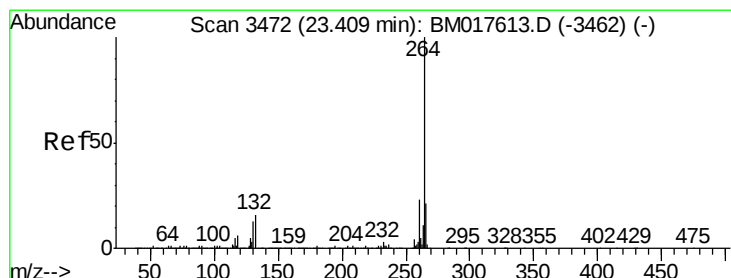
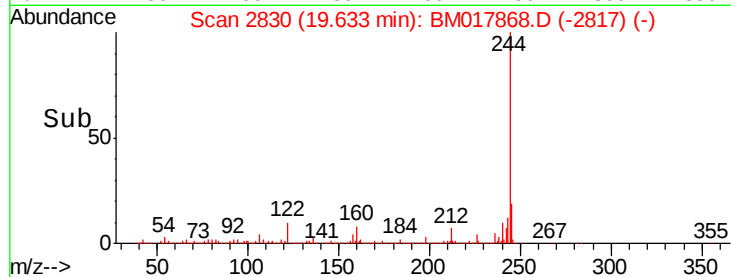
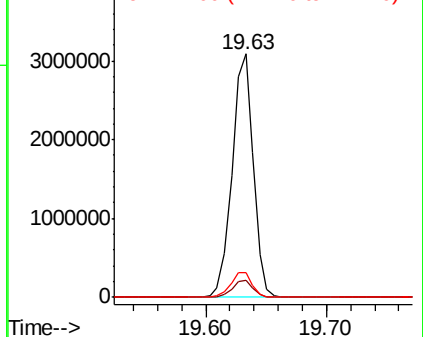
244 100

212 7.1 5.8 8.6

122 10.1 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: BM017868.D

Acq: 01 Dec 2018 22:02

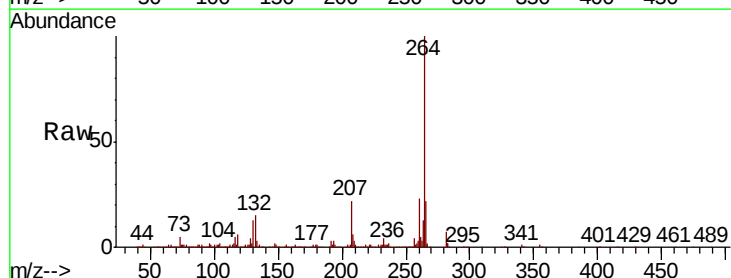
Tgt Ion:264 Resp: 713573

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.2

265 21.7 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

