

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120618\
 Data File : BM017938.D
 Acq On : 05 Dec 2018 17:01
 Operator : JU/SJ
 Sample : J6194-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-120418-A

Quant Time: Dec 06 00:34:03 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	156519	20.00	ng	-0.05
21) Naphthalene-d8	10.33	136	581862	20.00	ng	-0.05
39) Acenaphthene-d10	14.22	164	302152	20.00	ng	-0.05
64) Phenanthrene-d10	16.97	188	607175	20.00	ng	-0.04
76) Chrysene-d12	21.18	240	607215	20.00	ng	-0.04
87) Perylene-d12	23.36	264	634686	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	875909	94.44	ng	-0.04
7) Phenol-d6	6.76	99	988507	76.31	ng	-0.04
23) Nitrobenzene-d5	8.72	82	771673	68.47	ng	-0.05
42) 2,4,6-Tribromophenol	15.72	330	453151	104.38	ng	-0.04
45) 2-Fluorobiphenyl	12.83	172	1695168	72.78	ng	-0.05
79) Terphenyl-d14	19.62	244	2191406	81.79	ng	-0.04

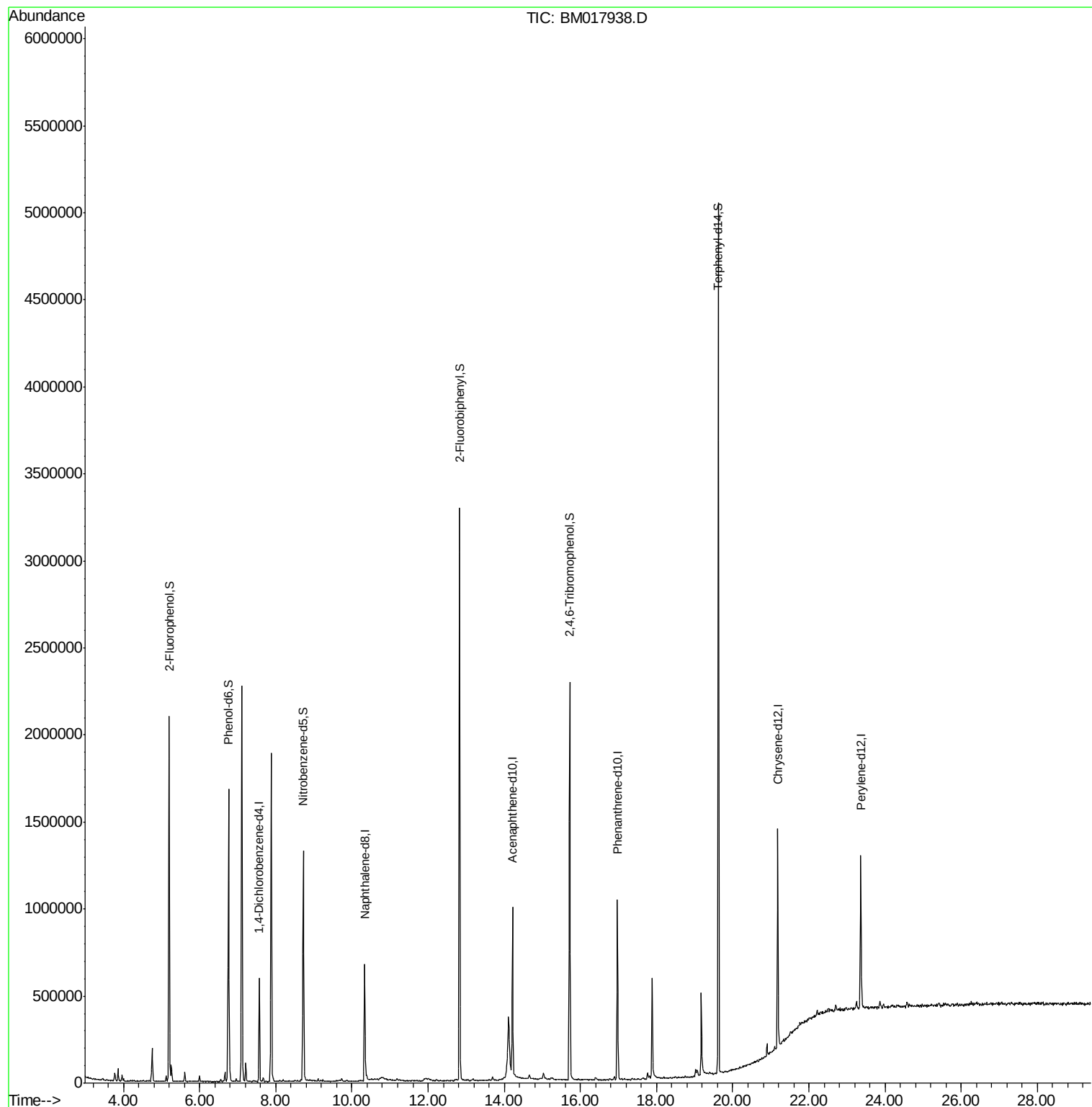
Target Compounds Qvalue

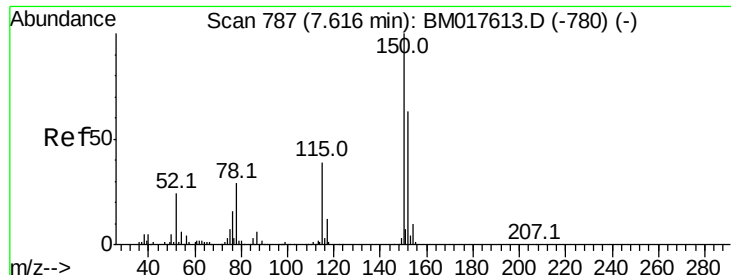
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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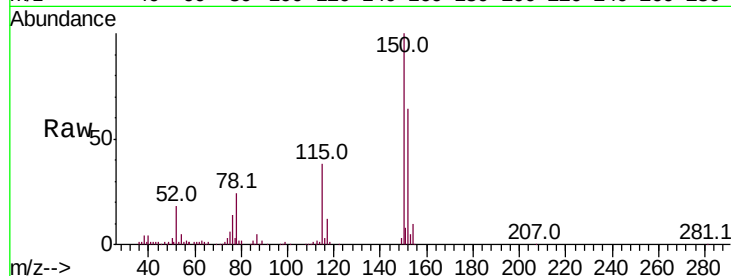


#1

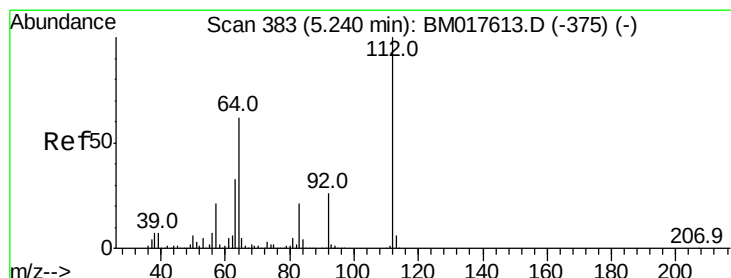
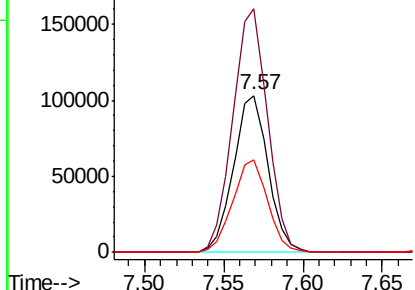
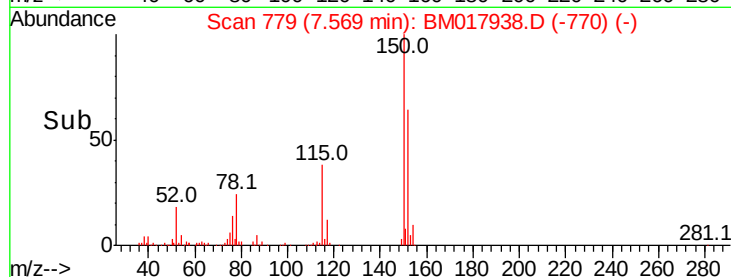
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 779
Delta R.T. -0.05 min
Lab File: BM017938.D
Acq: 05 Dec 2018 17:01

Instrument :
BNA_M
ClientSampleId :
OK-02-120418-A

Tot Ion:152 Resp: 156519
Ion Ratio Lower Upper
152 100
150 155.2 126.4 189.6
115 58.7 49.4 74.0



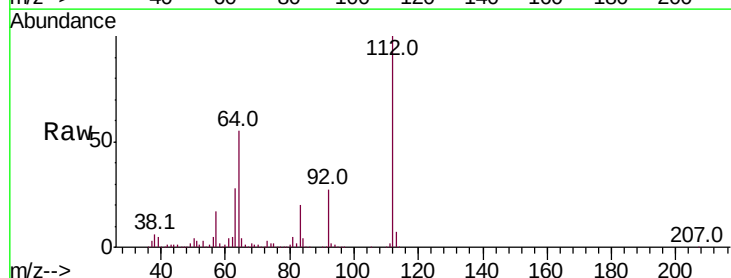
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



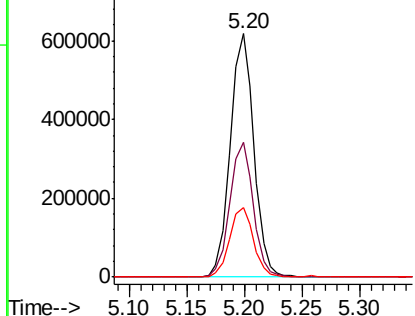
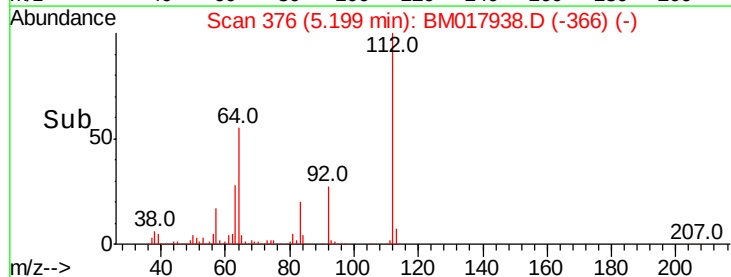
#5

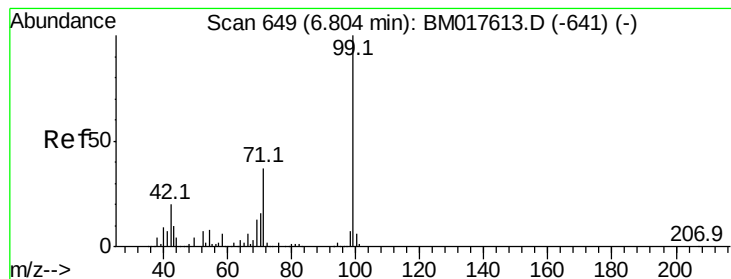
2-Fluorophenol
Concen: 94.444 ng
RT: 5.20 min Scan# 376
Delta R.T. -0.04 min
Lab File: BM017938.D
Acq: 05 Dec 2018 17:01

Tgt Ion:112 Resp: 875909
Ion Ratio Lower Upper
112 100
64 55.2 49.3 73.9
63 28.3 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: 76.315 ng

RT: 6.76 min Scan# 642

Delta R.T. -0.04 min

Lab File: BM017938.D

Acq: 05 Dec 2018 17:01

Instrument :

BNA_M

ClientSampleId :

OK-02-120418-A

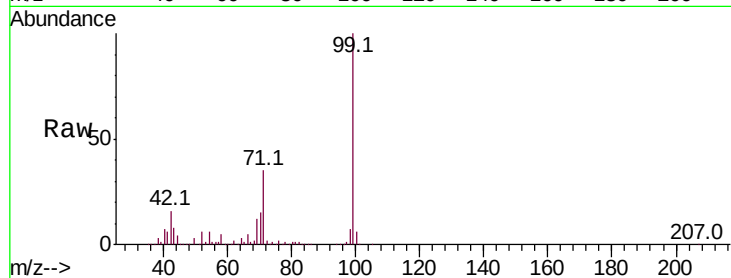
Tot Ion: 99 Resp: 988507

Ion Ratio Lower Upper

99 100

42 15.8 16.3 24.5#

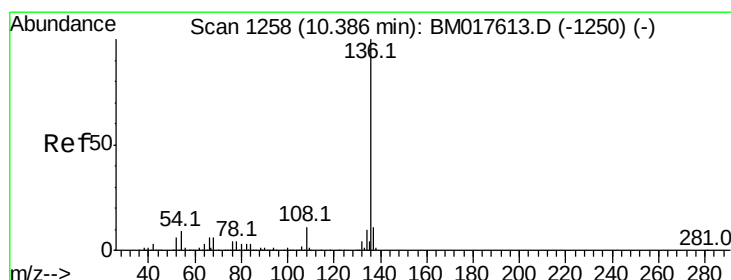
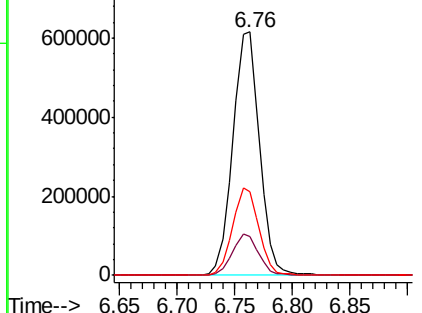
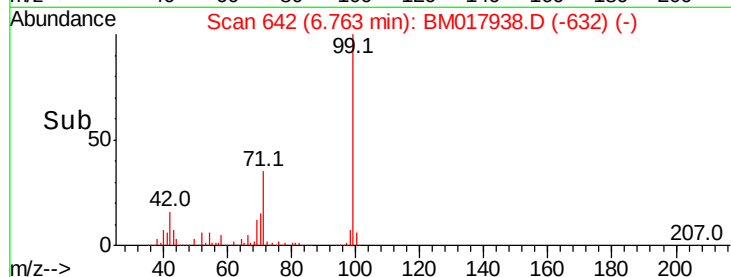
71 34.5 29.8 44.8



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: BM017938.D

Acq: 05 Dec 2018 17:01

Tgt Ion: 136 Resp: 581862

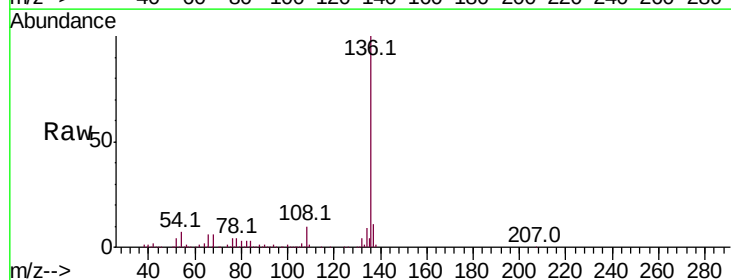
Ion Ratio Lower Upper

136 100

137 11.1 8.6 12.8

54 7.1 7.0 10.6

68 5.8 4.9 7.3

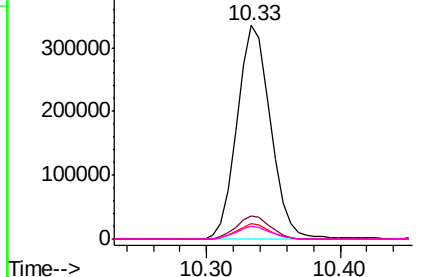
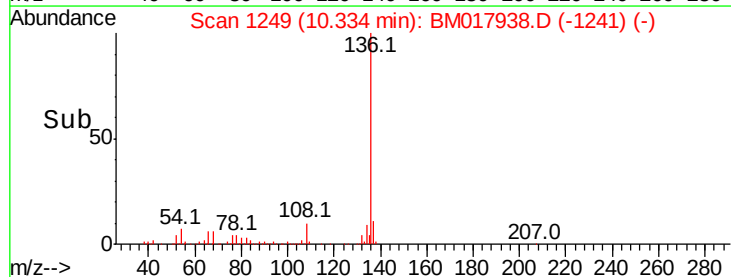


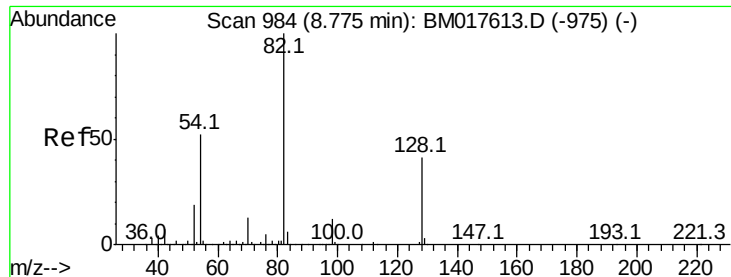
Abundance Ion 136.00 (135.70 to 136.70): BM017613.D (-1250) (-)

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) (-)

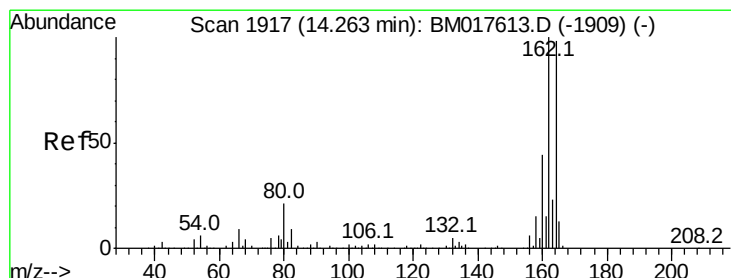
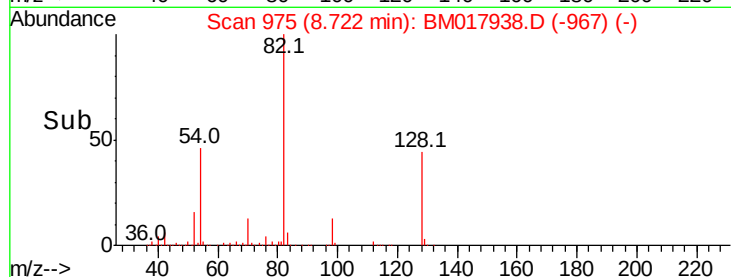
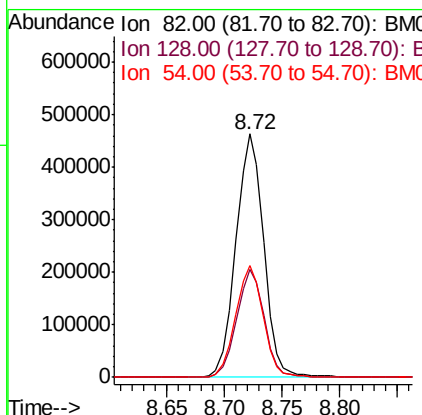
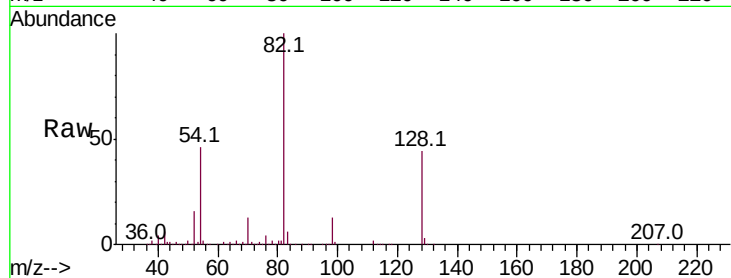




#23
 Nitrobenzene-d5
 Concen: 68.466 ng
 RT: 8.72 min Scan# 975
 Delta R.T. -0.05 min
 Lab File: BM017938.D
 Acq: 05 Dec 2018 17:01

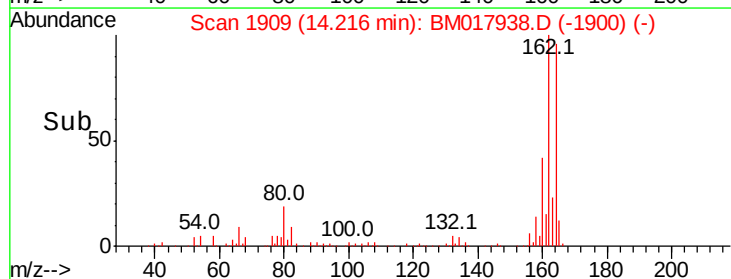
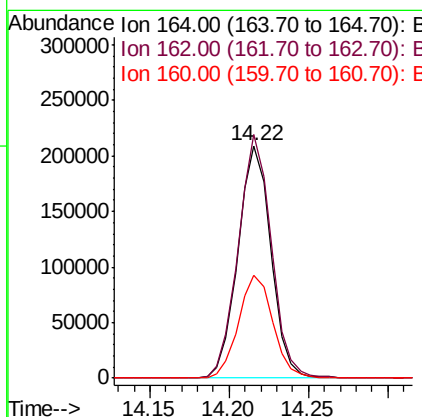
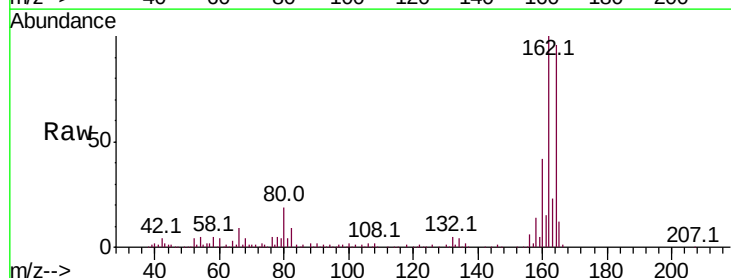
Instrument :
 BNA_M
 ClientSampleId :
 OK-02-120418-A

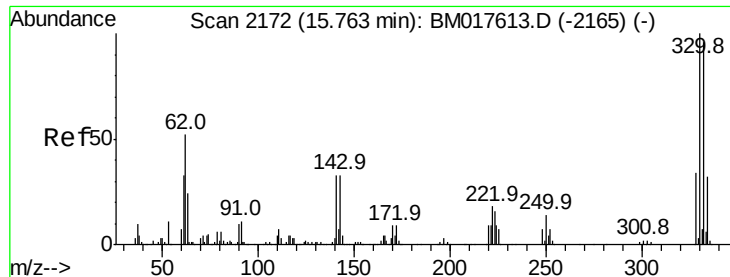
Tot Ion:	82	Resp:	771673
Ion	Ratio	Lower	Upper
82	100		
128	44.4	33.0	49.4
54	45.8	41.4	62.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.22 min Scan# 1909
 Delta R.T. -0.05 min
 Lab File: BM017938.D
 Acq: 05 Dec 2018 17:01

Tgt Ion:	164	Resp:	302152
Ion	Ratio	Lower	Upper
164	100		
162	104.7	81.4	122.0
160	44.0	35.6	53.4

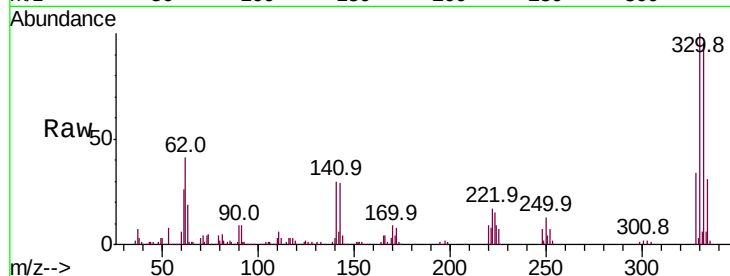




#42
 2,4,6-Tribromophenol
 Concen: 104.377 ng
 RT: 15.72 min Scan# 2165
 Delta R.T. -0.04 min
 Lab File: BM017938.D
 Acq: 05 Dec 2018 17:01

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-120418-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.9	116.9
141	32.2	27.5	41.3

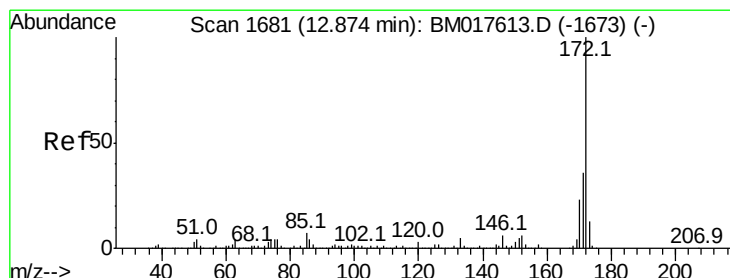
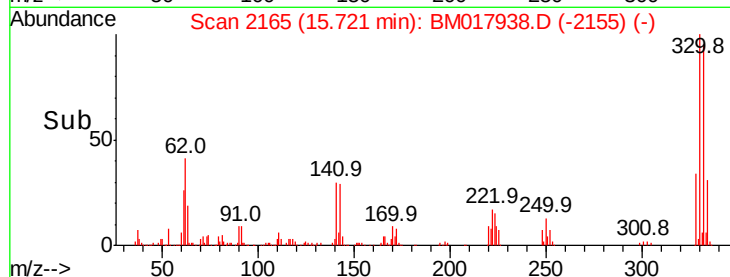
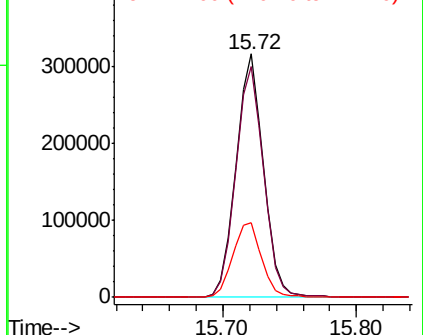


Abundance

Ion 329.80 (329.50 to 330.50): E

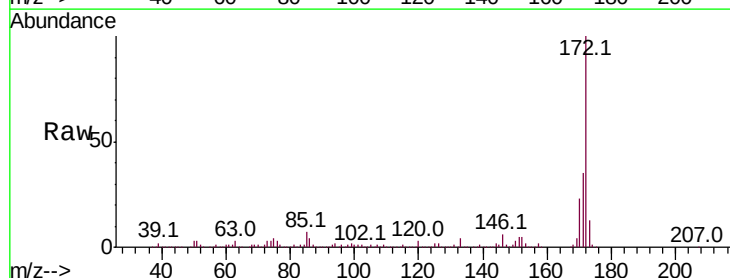
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 72.785 ng
 RT: 12.83 min Scan# 1673
 Delta R.T. -0.05 min
 Lab File: BM017938.D
 Acq: 05 Dec 2018 17:01

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

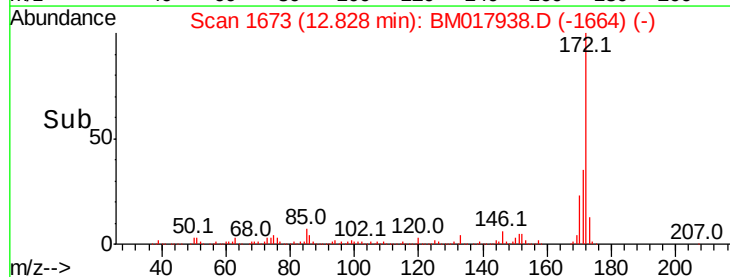
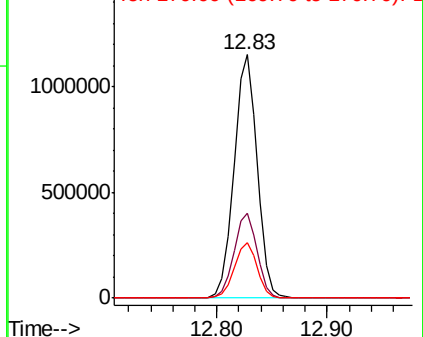


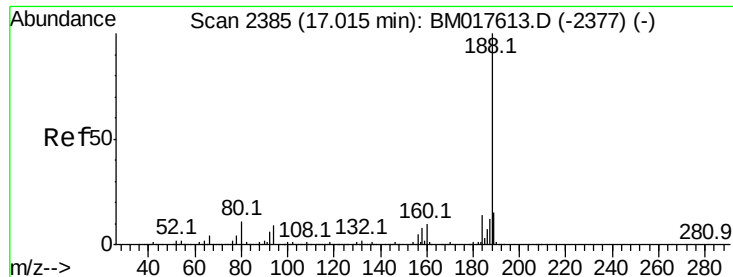
Abundance

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

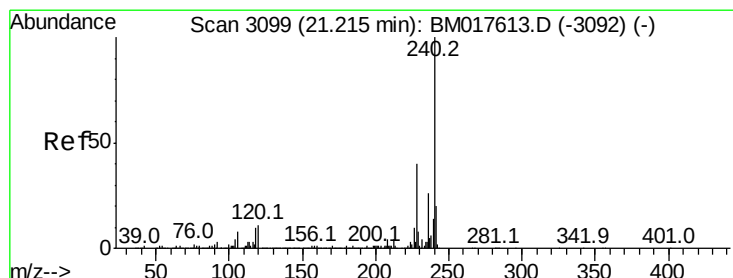
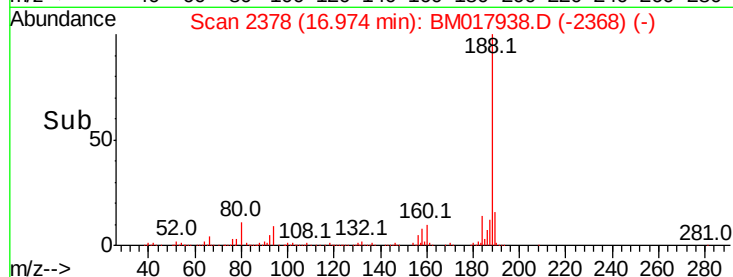
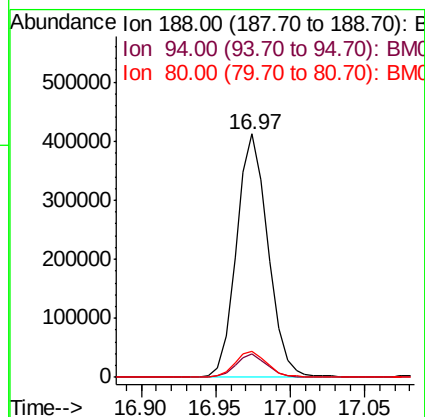
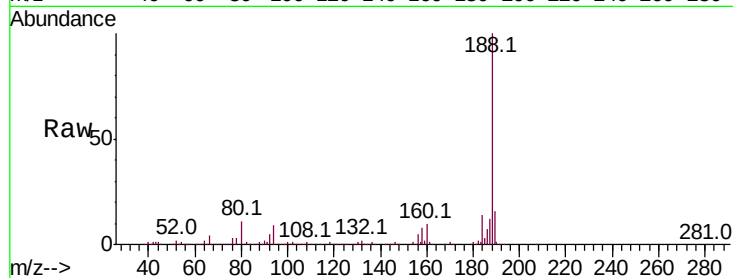




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2378
Delta R.T. -0.04 min
Lab File: BM017938.D
Acq: 05 Dec 2018 17:01

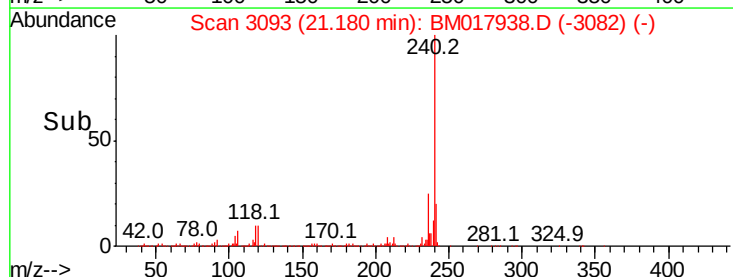
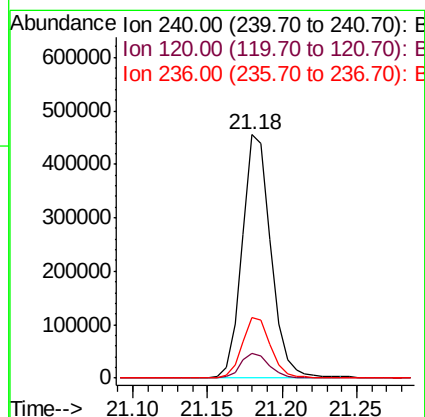
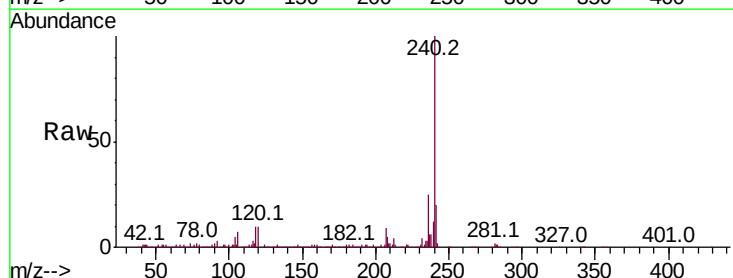
Instrument :
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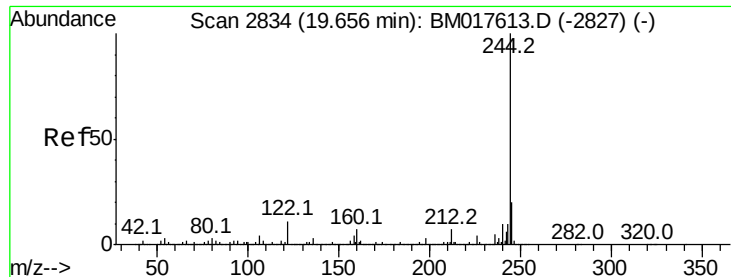
Tot Ion:188 Resp: 607175
Ion Ratio Lower Upper
188 100
94 9.5 7.5 11.3
80 10.9 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.18 min Scan# 3093
Delta R.T. -0.04 min
Lab File: BM017938.D
Acq: 05 Dec 2018 17:01

Tgt Ion:240 Resp: 607215
Ion Ratio Lower Upper
240 100
120 10.4 8.5 12.7
236 24.8 20.4 30.6





#79

Terphenyl-d14

Concen: 81.794 ng

RT: 19.62 min Scan# 2828

Delta R.T. -0.04 min

Lab File: BM017938.D

Acq: 05 Dec 2018 17:01

Instrument :

BNA_M

ClientSampleId :

OK-02-120418-A

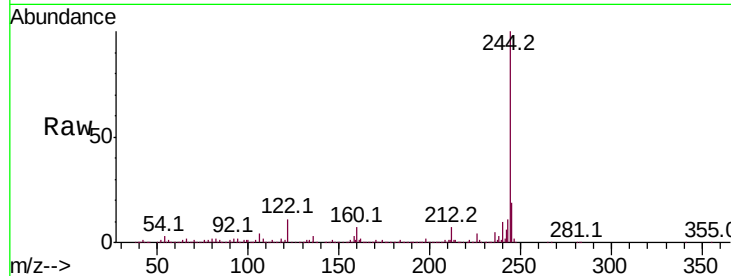
Tot Ion:244 Resp: 2191406

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

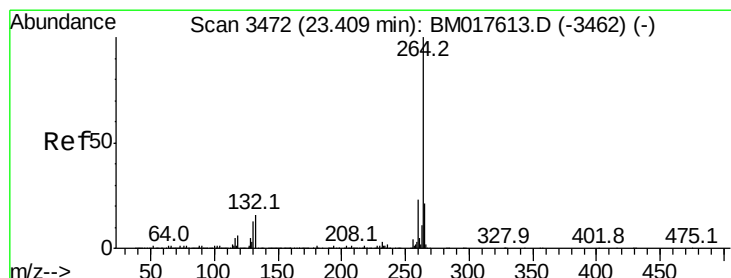
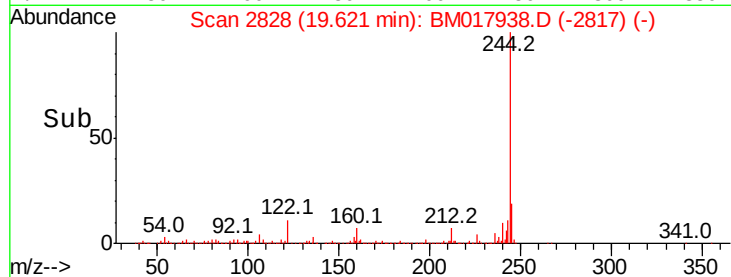
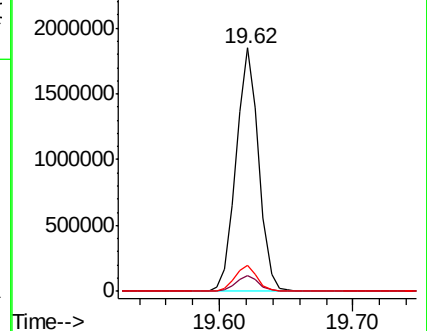
122 10.6 9.0 13.6



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: 23.36 min Scan# 3464

Delta R.T. -0.05 min

Lab File: BM017938.D

Acq: 05 Dec 2018 17:01

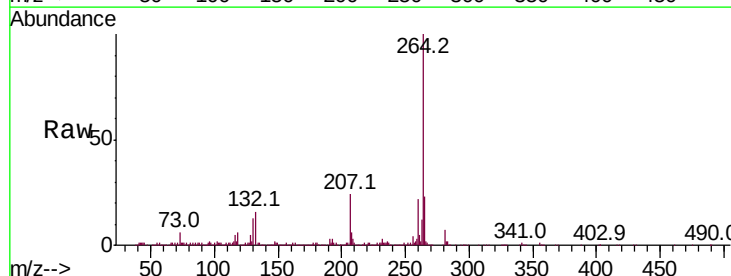
Tgt Ion:264 Resp: 634686

Ion Ratio Lower Upper

264 100

260 22.1 18.2 27.2

265 22.9 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

