

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120618\
 Data File : BM017952.D
 Acq On : 06 Dec 2018 01:27
 Operator : JU/SJ
 Sample : J6208-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-3

Quant Time: Dec 06 05:01:59 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	7.56	152	141591	20.00	ng	-0.05
21) Naphthalene-d8	10.33	136	499477	20.00	ng	-0.05
39) Acenaphthene-d10	14.22	164	261418	20.00	ng	-0.05
64) Phenanthrene-d10	16.97	188	534318	20.00	ng	-0.05
76) Chrysene-d12	21.18	240	587992	20.00	ng	-0.03
87) Perylene-d12	23.36	264	631345	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	741943	88.43	ng	-0.04
7) Phenol-d6	6.76	99	854502	72.92	ng	-0.05
23) Nitrobenzene-d5	8.72	82	691345	71.46	ng	-0.06
42) 2,4,6-Tribromophenol	15.72	330	388004	103.30	ng	-0.05
45) 2-Fluorobiphenyl	12.82	172	1543137	76.58	ng	-0.05
79) Terphenyl-d14	19.62	244	2074059	79.94	ng	-0.03

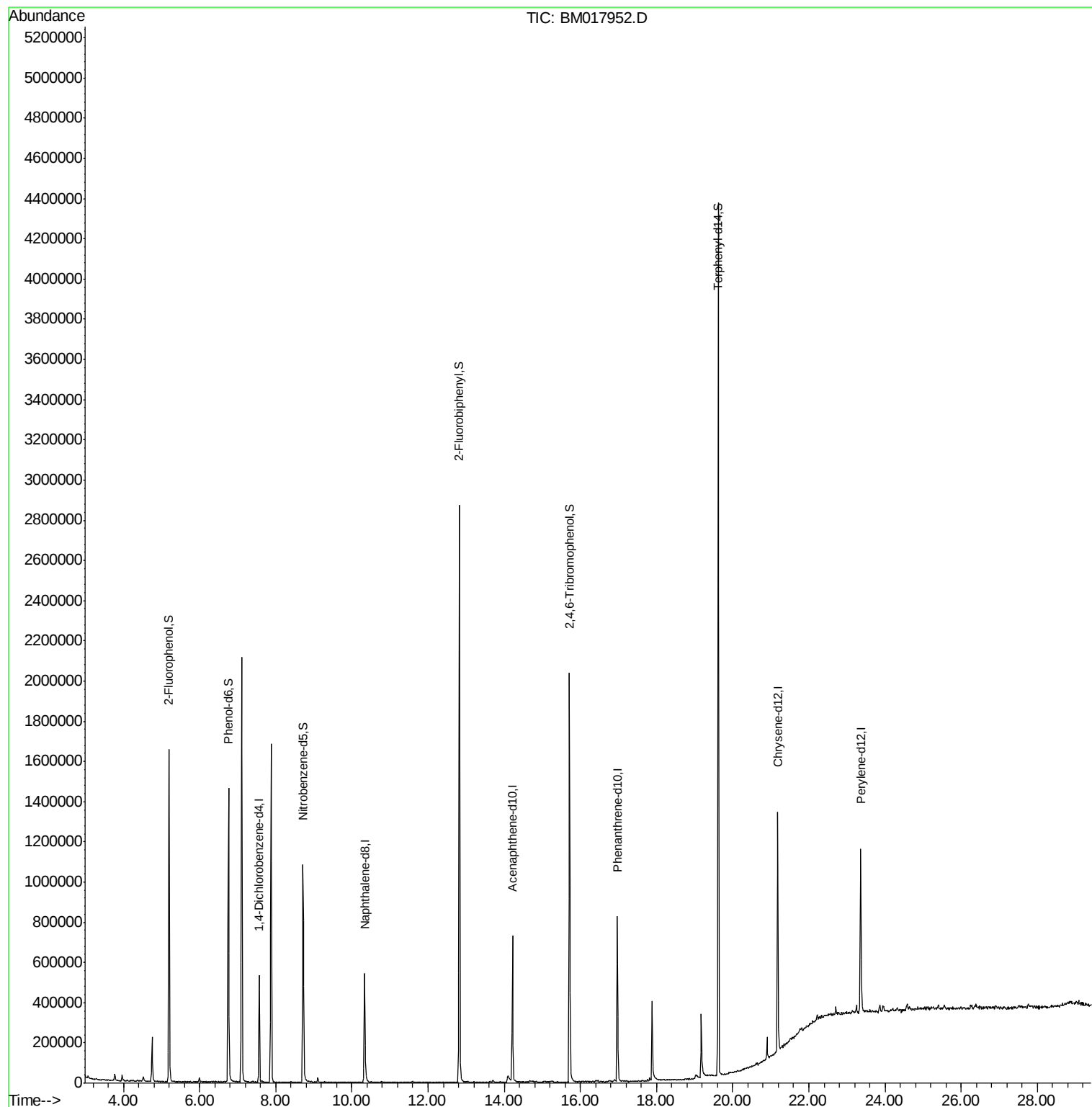
Target Compounds	Qvalue
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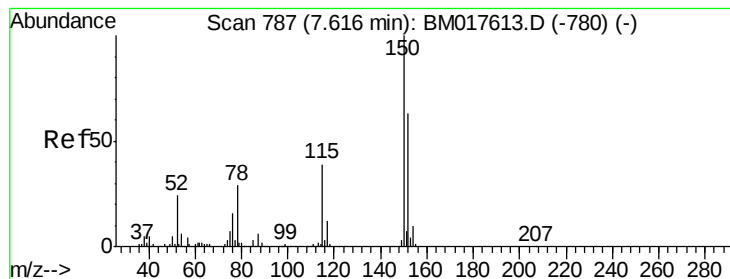
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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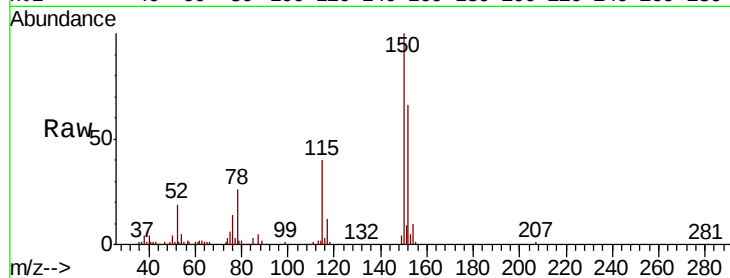


#1

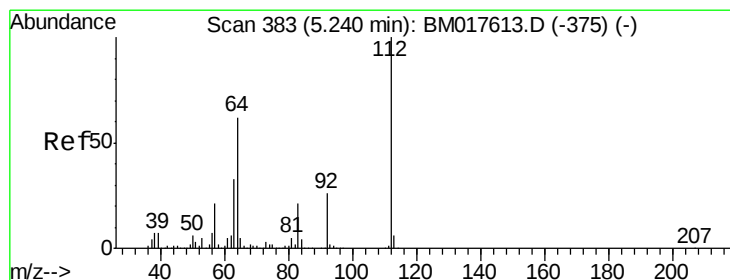
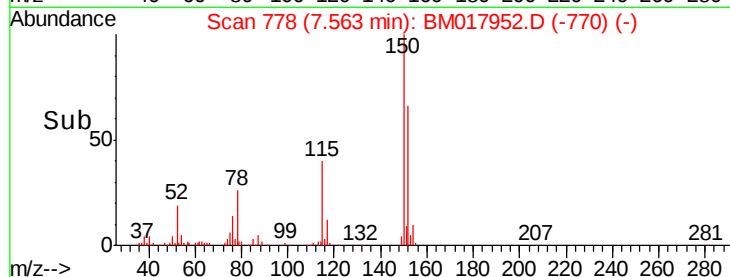
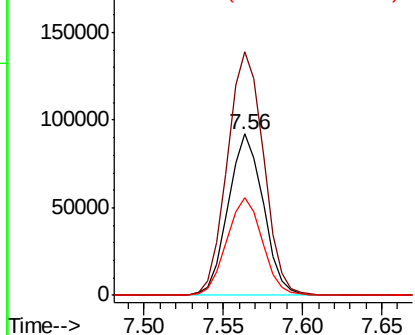
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 778
Delta R.T. -0.05 min
Lab File: BM017952.D
Acq: 06 Dec 2018 01:27

Instrument :
BNA_M
ClientSampleId :
TP-3

Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.8	126.4	189.6
115	60.5	49.4	74.0



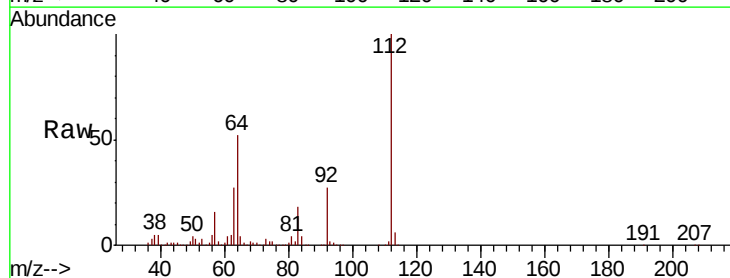
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



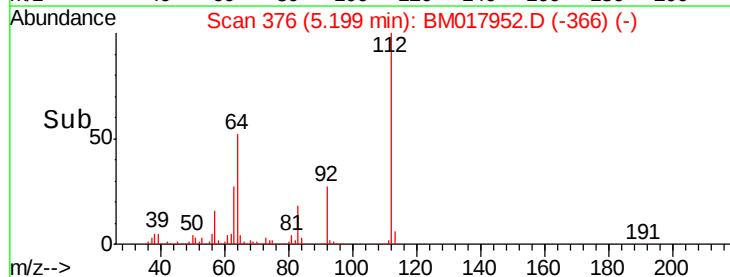
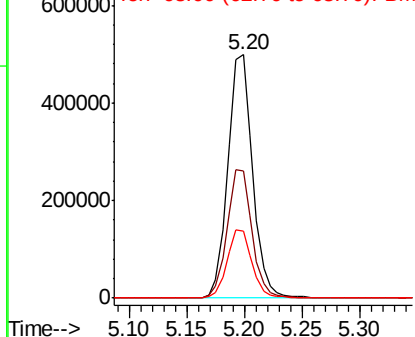
#5

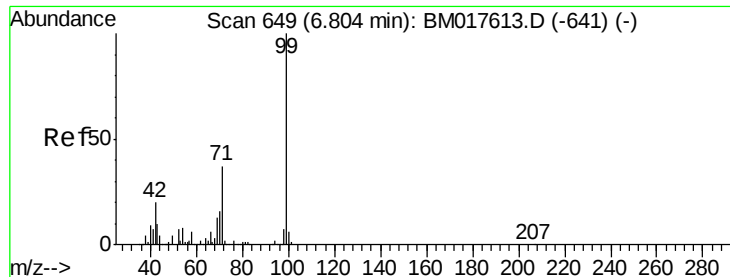
2-Fluorophenol
Concen: 88.433 ng
RT: 5.20 min Scan# 376
Delta R.T. -0.04 min
Lab File: BM017952.D
Acq: 06 Dec 2018 01:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.3	49.3	73.9
63	27.4	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: 72.924 ng

RT: 6.76 min Scan# 641

Delta R.T. -0.05 min

Lab File: BM017952.D

Acq: 06 Dec 2018 01:27

Instrument :

BNA_M

ClientSampleId :

TP-3

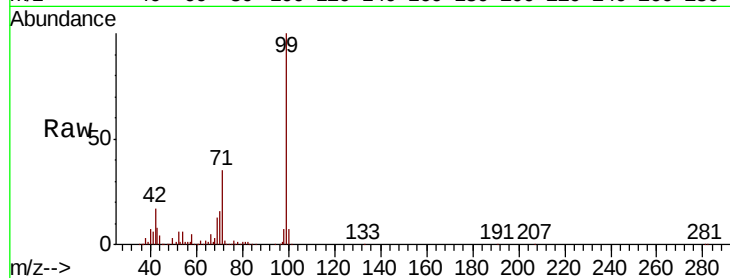
Tgt Ion: 99 Resp: 854502

Ion Ratio Lower Upper

99 100

42 16.9 16.3 24.5

71 35.3 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) (-)

6.76

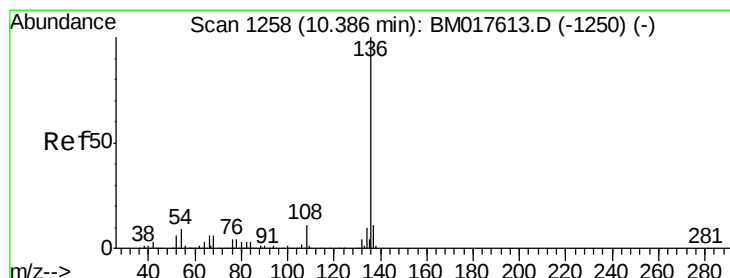
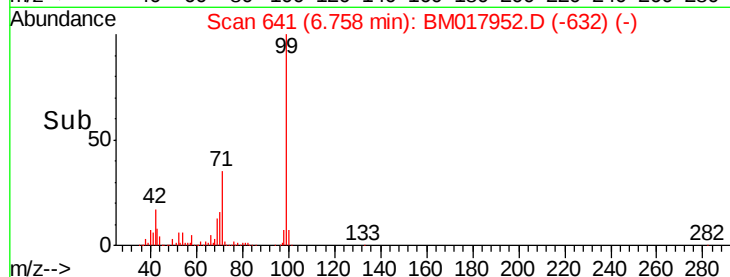
400000

200000

0

6.65 6.70 6.75 6.80 6.85

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.33 min Scan# 1249

Delta R.T. -0.05 min

Lab File: BM017952.D

Acq: 06 Dec 2018 01:27

Tgt Ion: 136 Resp: 499477

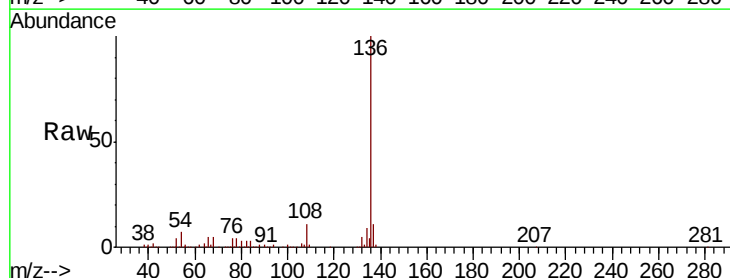
Ion Ratio Lower Upper

136 100

137 10.6 8.6 12.8

54 7.1 7.0 10.6

68 5.3 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) (-)

10.33

400000

300000

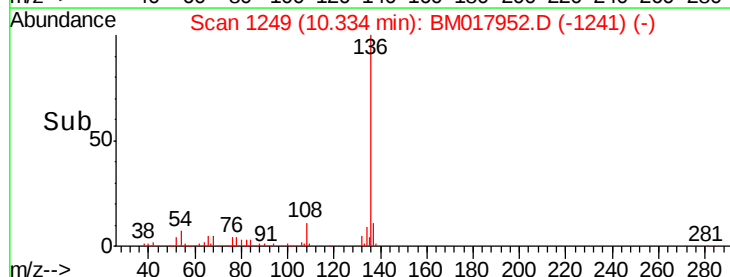
200000

100000

0

10.30 10.40

Time-->

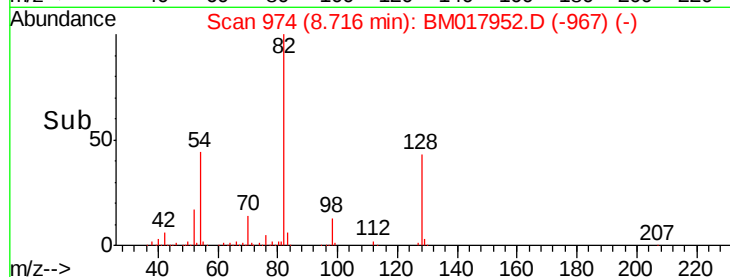
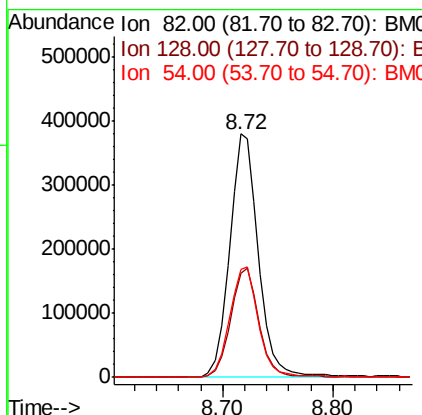
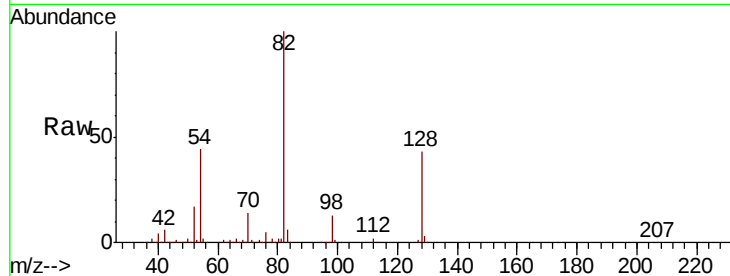




#23
Nitrobenzene-d5
Concen: 71.457 ng
RT: 8.72 min Scan# 974
Delta R.T. -0.06 min
Lab File: BM017952.D
Acq: 06 Dec 2018 01:27

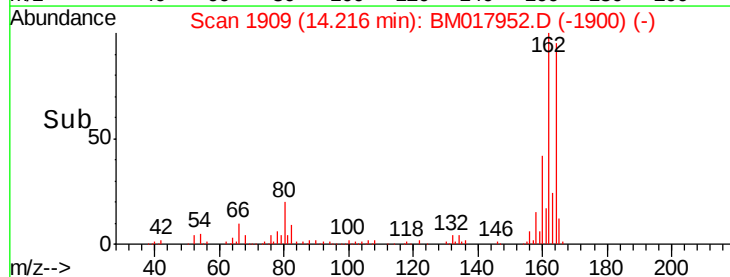
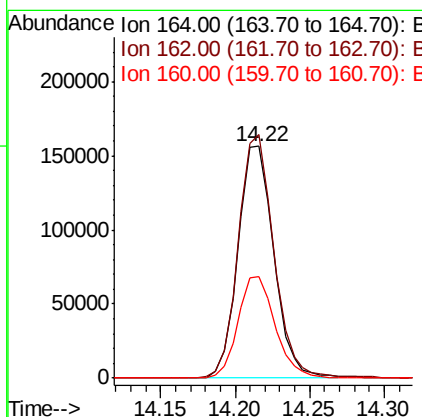
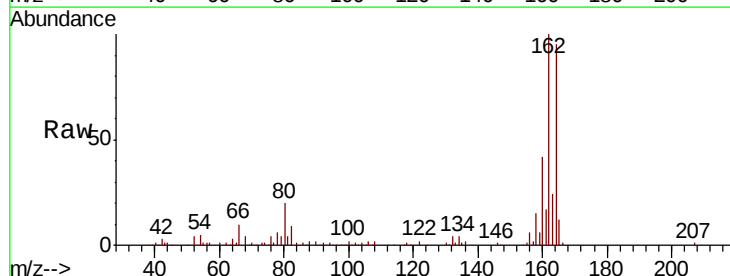
Instrument :
BNA_M
ClientSampled :
TP-3

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.8	33.0	49.4
54	44.1	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: BM017952.D
Acq: 06 Dec 2018 01:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	81.4	122.0
160	43.8	35.6	53.4

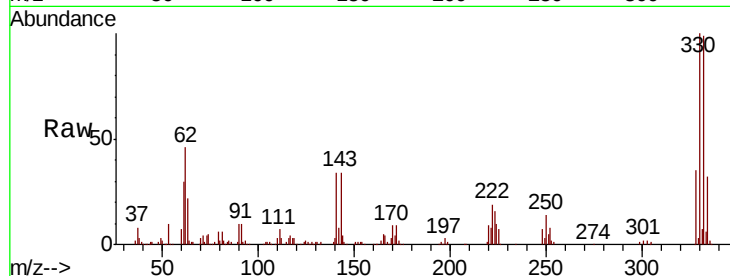




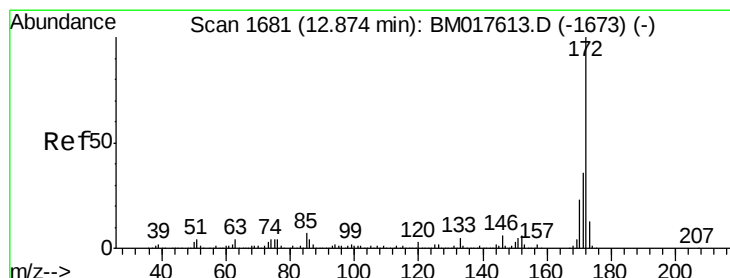
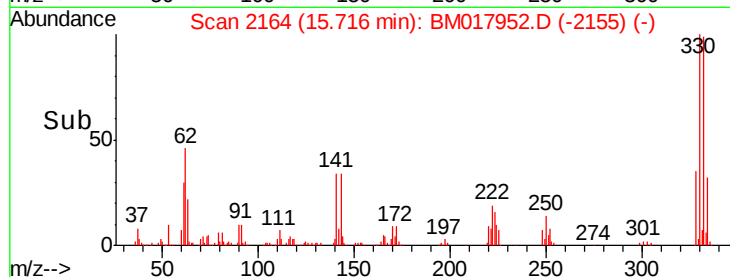
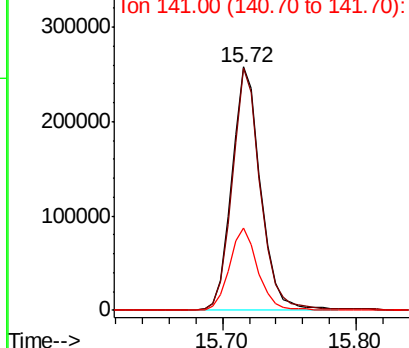
#42
 2,4,6-Tribromophenol
 Concen: 103.297 ng
 RT: 15.72 min Scan# 2164
 Delta R.T. -0.05 min
 Lab File: BM017952.D
 Acq: 06 Dec 2018 01:27

Instrument :
 BNA_M
 ClientSampleId :
 TP-3

Tgt Ion:330 Resp: 388004
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.9 116.9
 141 33.4 27.5 41.3

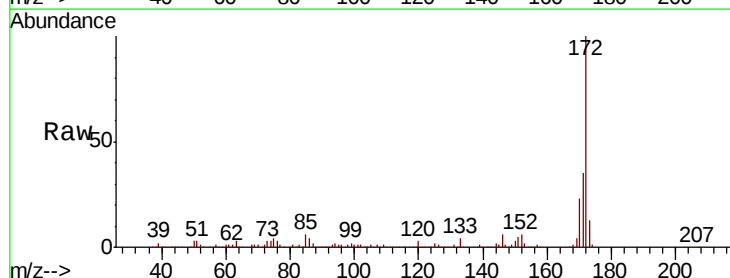


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

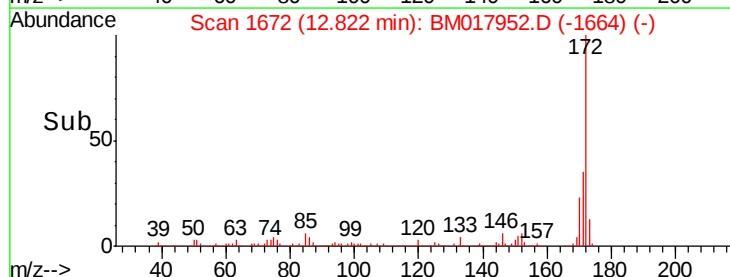
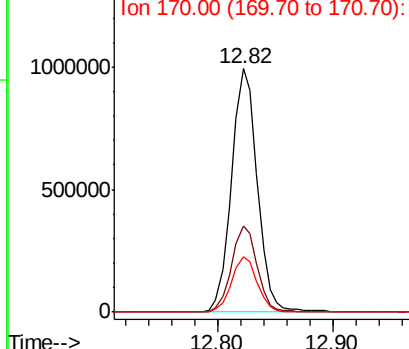


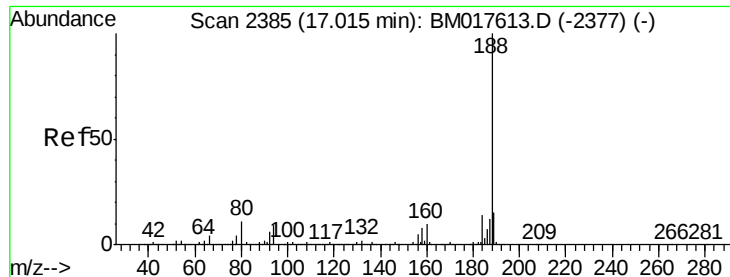
#45
 2-Fluorobiphenyl
 Concen: 76.581 ng
 RT: 12.82 min Scan# 1672
 Delta R.T. -0.05 min
 Lab File: BM017952.D
 Acq: 06 Dec 2018 01:27

Tgt Ion:172 Resp: 1543137
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.7 43.1
 170 23.0 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

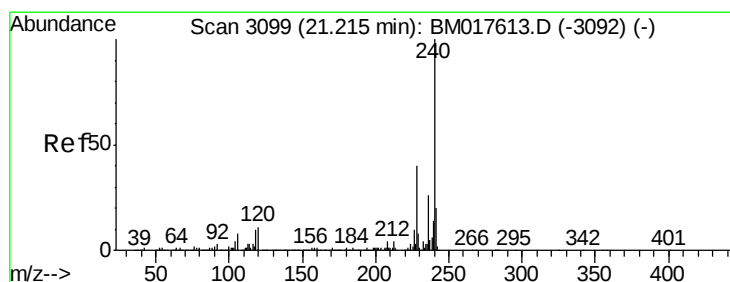
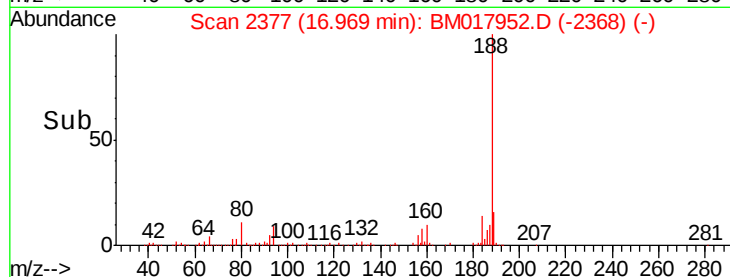
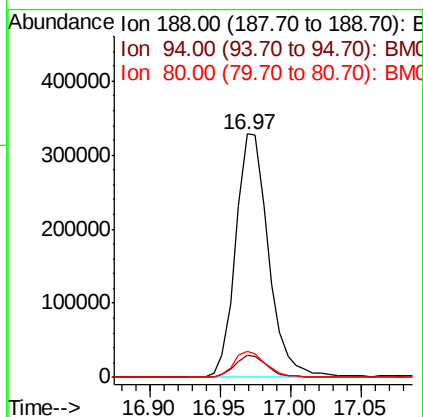
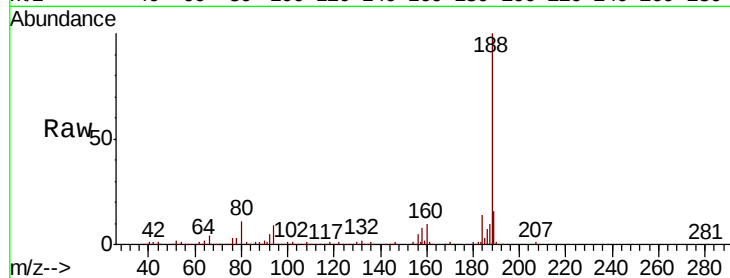




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2377
Delta R.T. -0.05 min
Lab File: BM017952.D
Acq: 06 Dec 2018 01:27

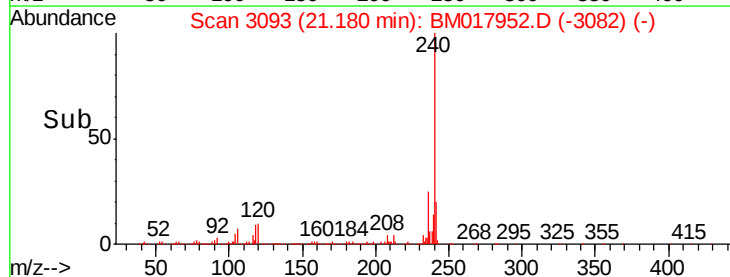
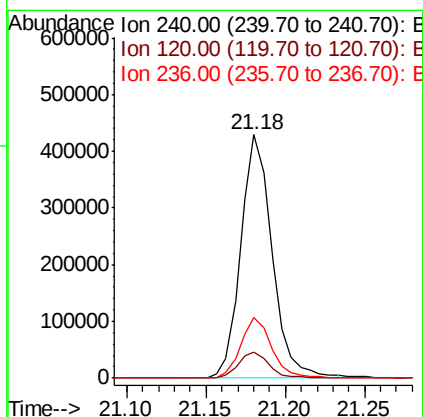
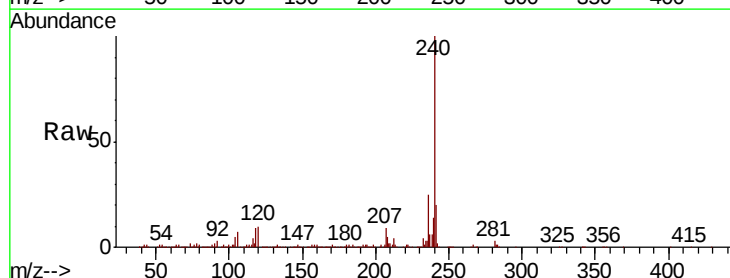
Instrument :
BNA_M
ClientSampleId :
TP-3

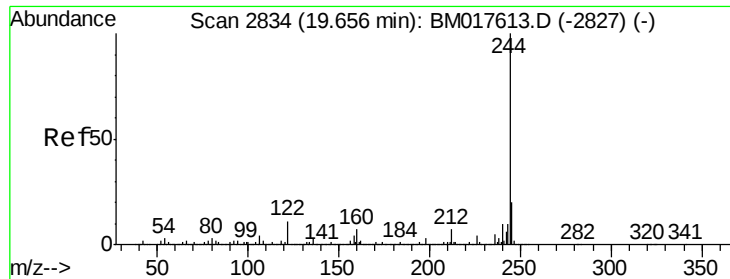
Tgt Ion:188 Resp: 534318
Ion Ratio Lower Upper
188 100
94 9.2 7.5 11.3
80 10.6 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.18 min Scan# 3093
Delta R.T. -0.03 min
Lab File: BM017952.D
Acq: 06 Dec 2018 01:27

Tgt Ion:240 Resp: 587992
Ion Ratio Lower Upper
240 100
120 10.5 8.5 12.7
236 25.0 20.4 30.6





#79

Terphenyl-d14

Concen: 79.945 ng

RT: 19.62 min Scan# 2828

Delta R.T. -0.03 min

Lab File: BM017952.D

Acq: 06 Dec 2018 01:27

Instrument :

BNA_M

ClientSampleId :

TP-3

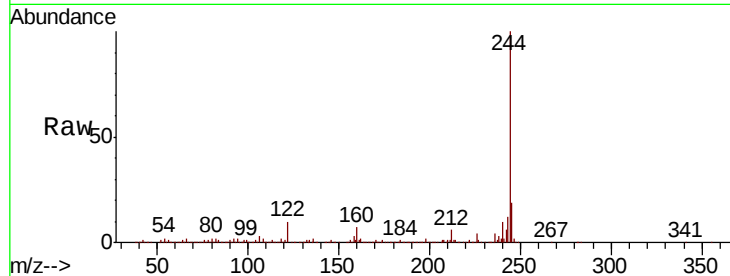
Tgt Ion:244 Resp: 2074059

Ion Ratio Lower Upper

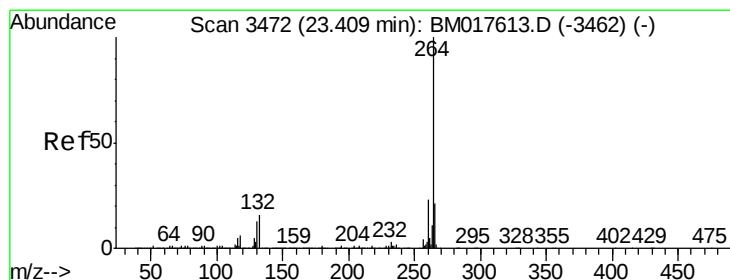
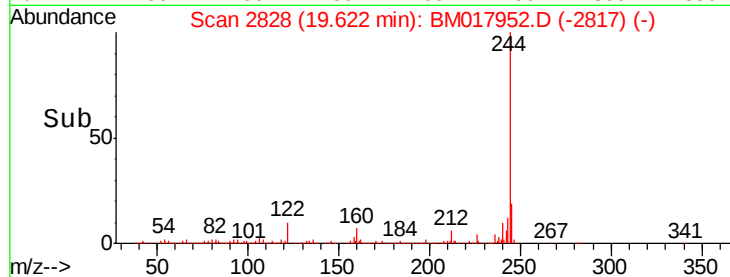
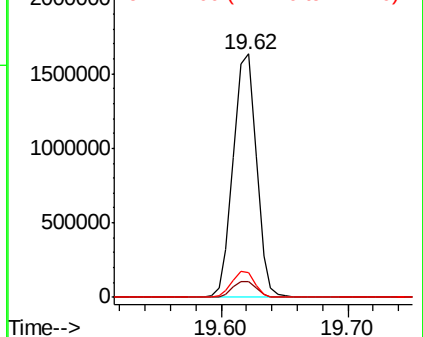
244 100

212 6.4 5.8 8.6

122 9.9 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: BM017952.D

Acq: 06 Dec 2018 01:27

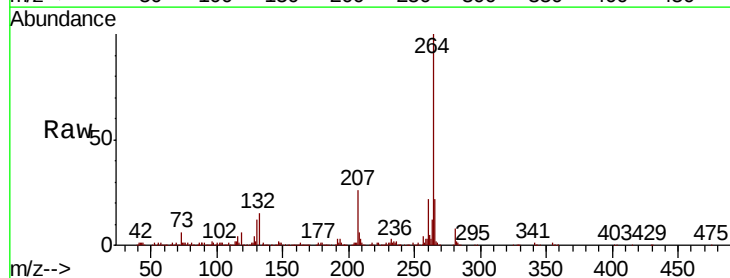
Tgt Ion:264 Resp: 631345

Ion Ratio Lower Upper

264 100

260 21.9 18.2 27.2

265 22.2 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

