

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120618\
 Data File : BM017940.D
 Acq On : 05 Dec 2018 18:13
 Operator : JU/SJ
 Sample : J6198-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SA-06-120318

Quant Time: Dec 06 00:18:23 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	148901	20.00	ng	-0.05
21) Naphthalene-d8	10.33	136	560608	20.00	ng	-0.05
39) Acenaphthene-d10	14.22	164	297070	20.00	ng	-0.05
64) Phenanthrene-d10	16.97	188	602719	20.00	ng	-0.04
76) Chrysene-d12	21.19	240	625612	20.00	ng	-0.03
87) Perylene-d12	23.36	264	667489	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	991851	112.42	ng	-0.04
7) Phenol-d6	6.76	99	1168233	94.80	ng	-0.05
23) Nitrobenzene-d5	8.72	82	790398	72.79	ng	-0.05
42) 2,4,6-Tribromophenol	15.72	330	477623	111.90	ng	-0.04
45) 2-Fluorobiphenyl	12.83	172	1663288	72.64	ng	-0.05
79) Terphenyl-d14	19.62	244	2351394	85.18	ng	-0.04

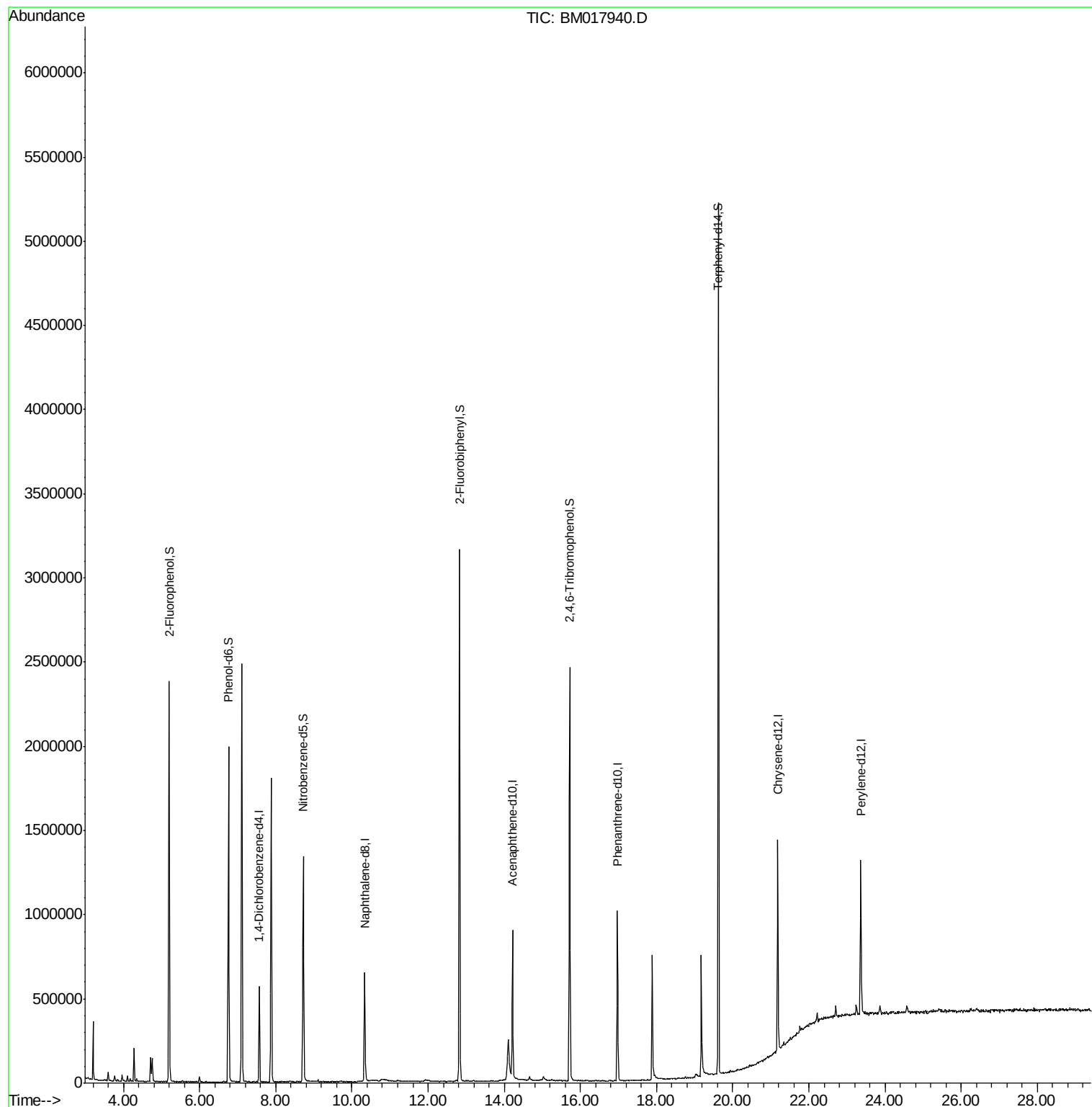
Target Compounds	Qvalue
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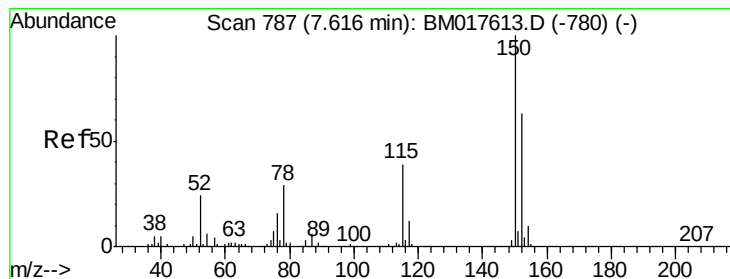
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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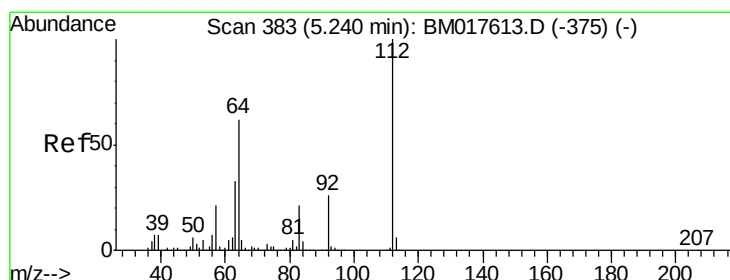
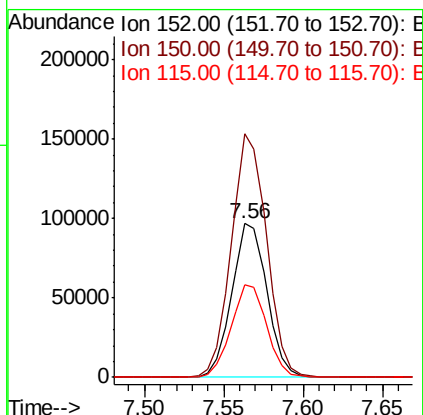
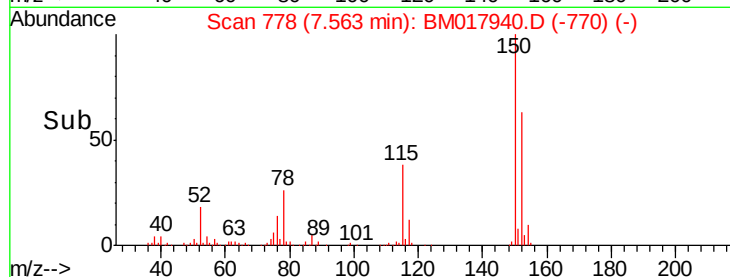
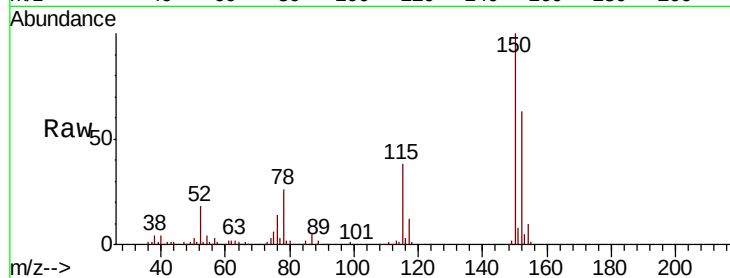


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 778
Delta R.T. -0.05 min
Lab File: BM017940.D
Acq: 05 Dec 2018 18:13

Instrument :
BNA_M
ClientSampleId :
SA-06-120318

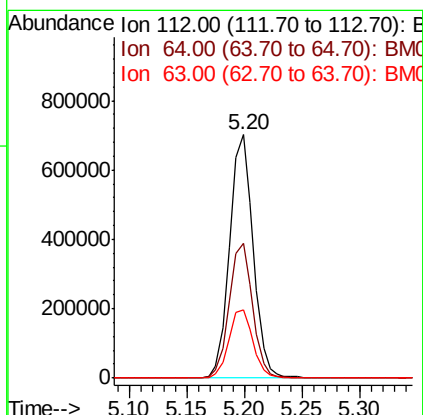
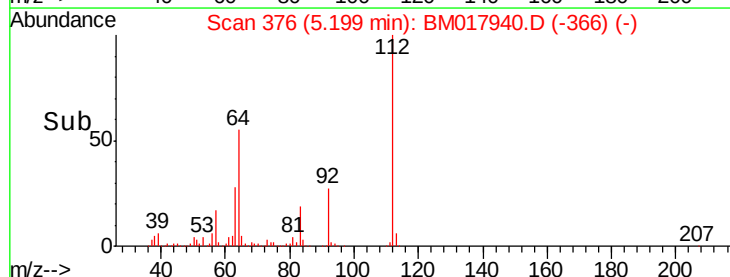
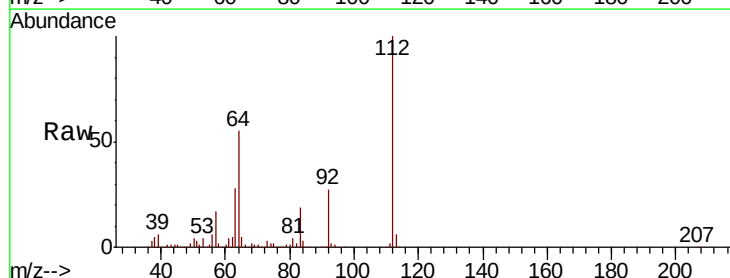
Tgt Ion:152 Resp: 148901
Ion Ratio Lower Upper
152 100
150 158.2 126.4 189.6
115 60.4 49.4 74.0

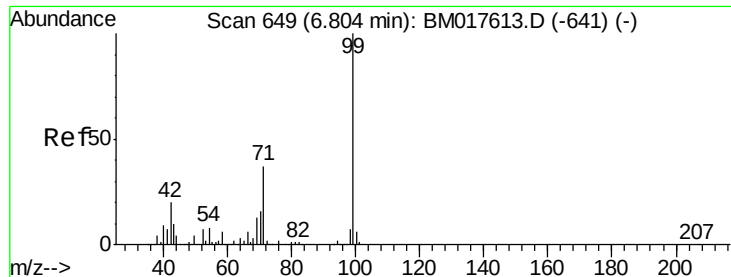


#5

2-Fluorophenol
Concen: 112.417 ng
RT: 5.20 min Scan# 376
Delta R.T. -0.04 min
Lab File: BM017940.D
Acq: 05 Dec 2018 18:13

Tgt Ion:112 Resp: 991851
Ion Ratio Lower Upper
112 100
64 55.2 49.3 73.9
63 28.0 26.2 39.4





#7

Phenol-d6

Concen: 94.804 ng

RT: 6.76 min Scan# 641

Delta R.T. -0.05 min

Lab File: BM017940.D

Acq: 05 Dec 2018 18:13

Instrument :

BNA_M

ClientSampleId :

SA-06-120318

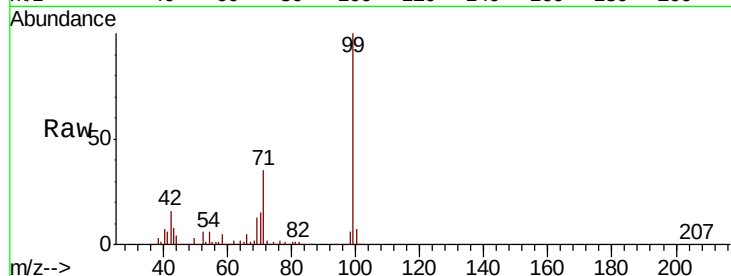
Tgt Ion: 99 Resp: 1168233

Ion Ratio Lower Upper

99 100

42 16.3 16.3 24.5

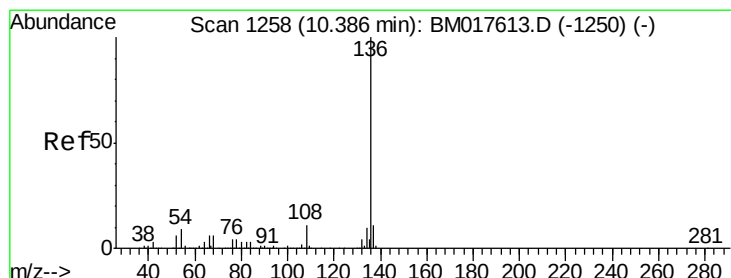
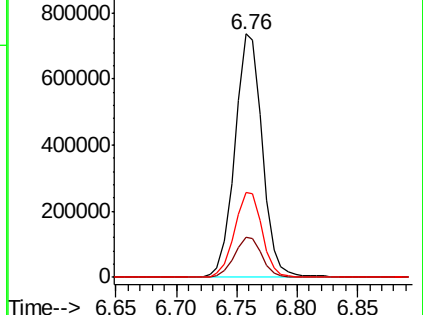
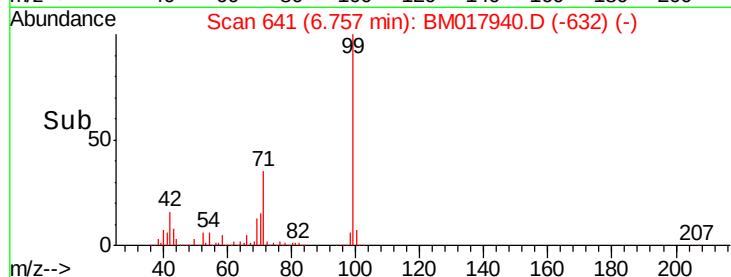
71 35.0 29.8 44.8



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: BM017940.D

Acq: 05 Dec 2018 18:13

Tgt Ion: 136 Resp: 560608

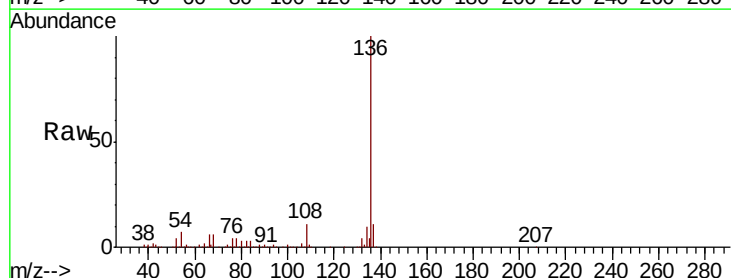
Ion Ratio Lower Upper

136 100

137 10.5 8.6 12.8

54 7.1 7.0 10.6

68 6.1 4.9 7.3

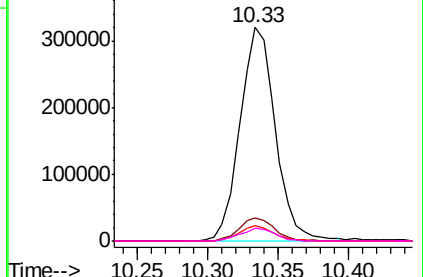
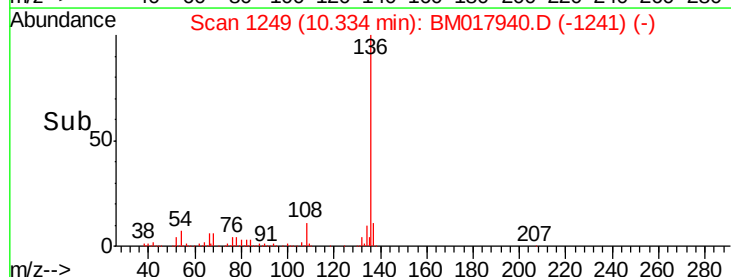


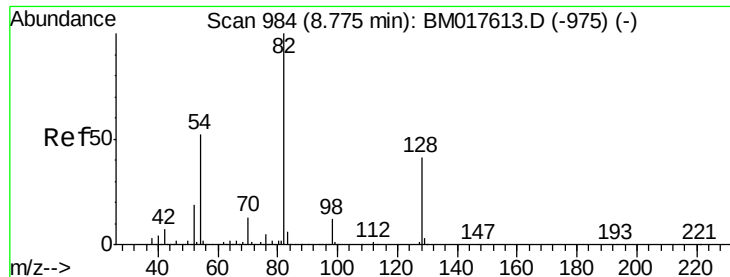
Abundance Ion 136.00 (135.70 to 136.70): BM017613.D (-1250) (-)

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) (-)

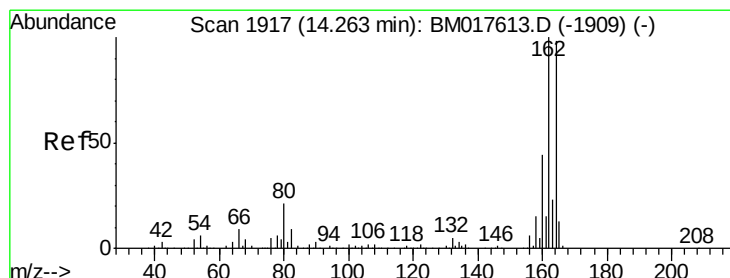
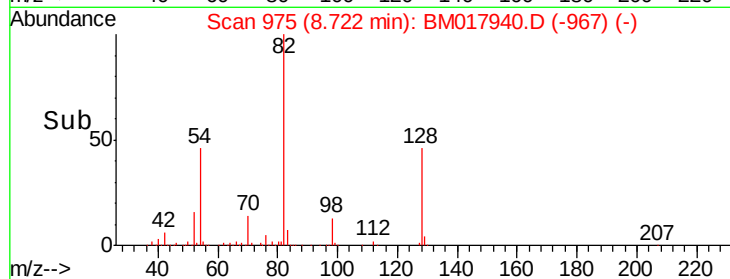
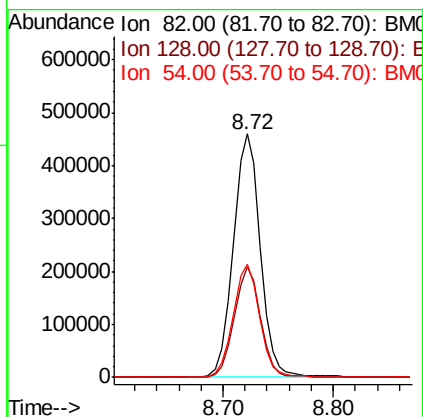
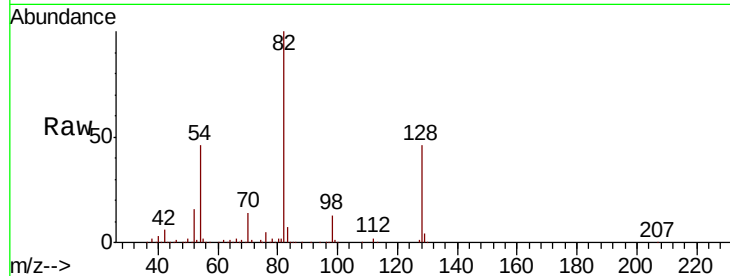




#23
 Nitrobenzene-d5
 Concen: 72.786 ng
 RT: 8.72 min Scan# 975
 Delta R.T. -0.05 min
 Lab File: BM017940.D
 Acq: 05 Dec 2018 18:13

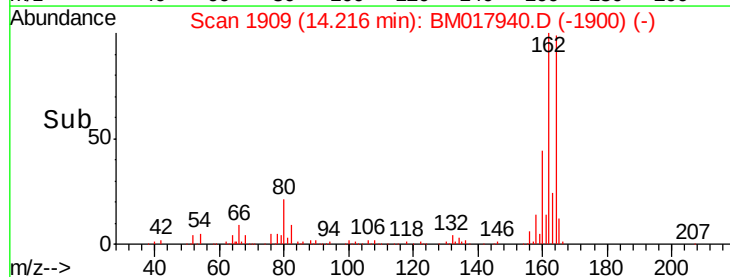
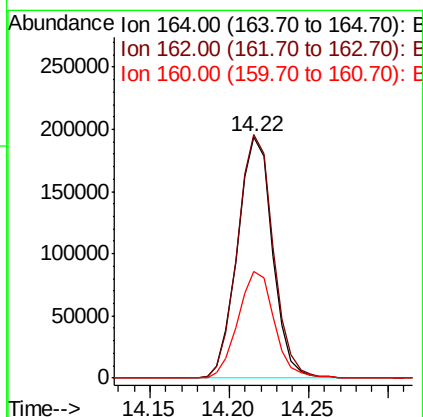
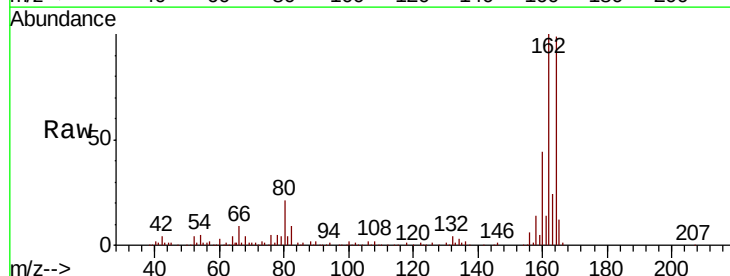
Instrument :
 BNA_M
 ClientSampleId :
 SA-06-120318

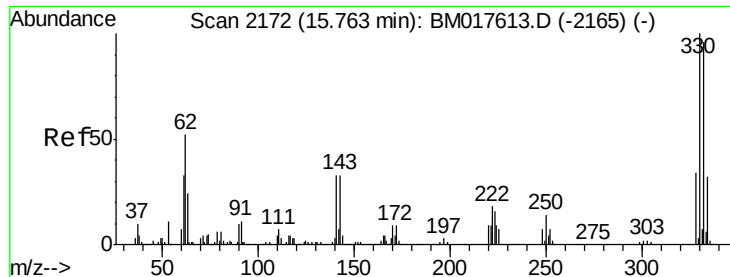
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.6	33.0	49.4
54	46.4	41.4	62.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.22 min Scan# 1909
 Delta R.T. -0.05 min
 Lab File: BM017940.D
 Acq: 05 Dec 2018 18:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.4	122.0
160	44.2	35.6	53.4

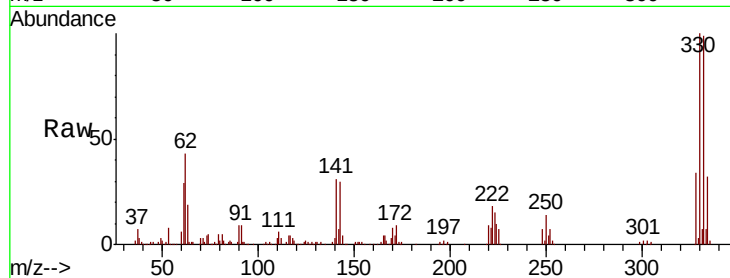




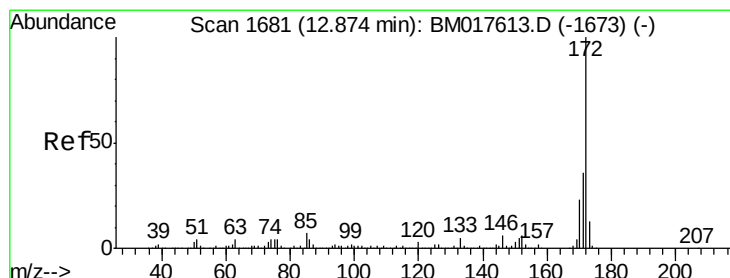
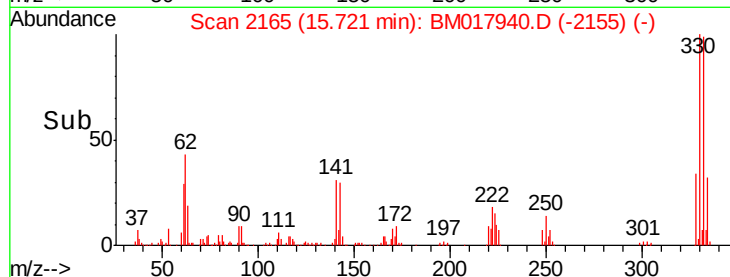
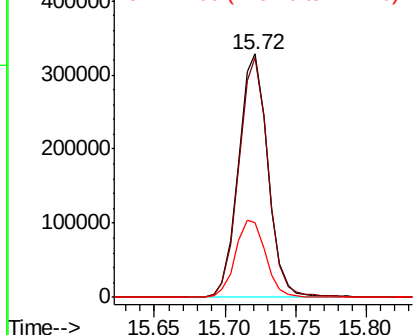
#42
 2,4,6-Tribromophenol
 Concen: 111.895 ng
 RT: 15.72 min Scan# 2165
 Delta R.T. -0.04 min
 Lab File: BM017940.D
 Acq: 05 Dec 2018 18:13

Instrument :
 BNA_M
 ClientSampleId :
 SA-06-120318

Tgt Ion:330 Resp: 477623
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.9 116.9
 141 32.9 27.5 41.3

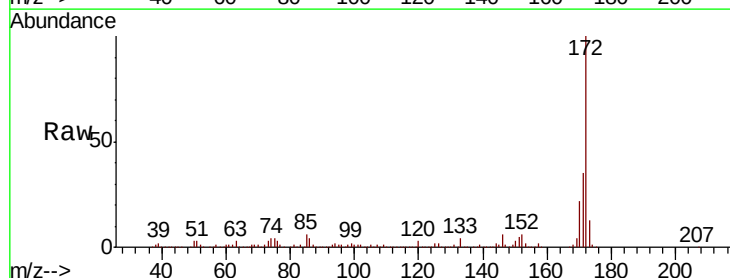


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

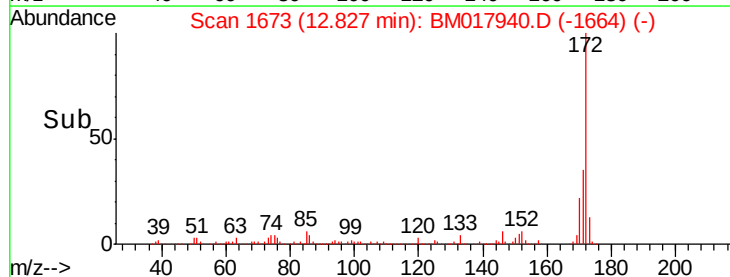
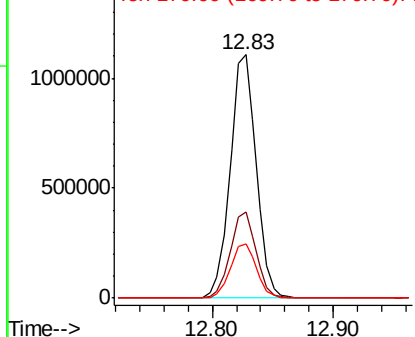


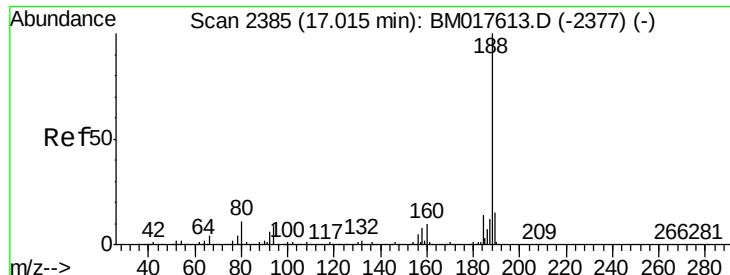
#45
 2-Fluorobiphenyl
 Concen: 72.637 ng
 RT: 12.83 min Scan# 1673
 Delta R.T. -0.05 min
 Lab File: BM017940.D
 Acq: 05 Dec 2018 18:13

Tgt Ion:172 Resp: 1663288
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.7 43.1
 170 22.1 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

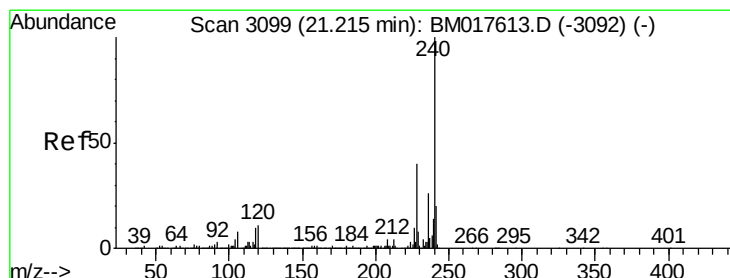
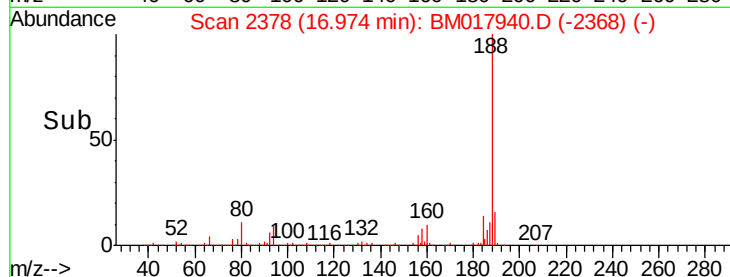
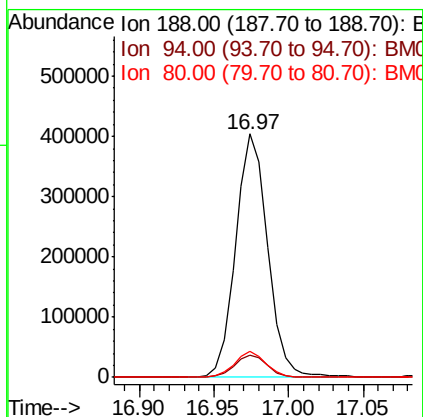
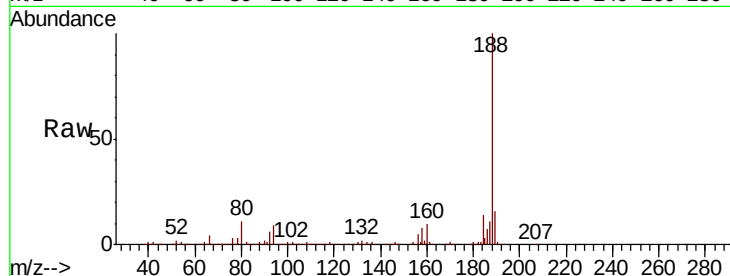




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2378
Delta R.T. -0.04 min
Lab File: BM017940.D
Acq: 05 Dec 2018 18:13

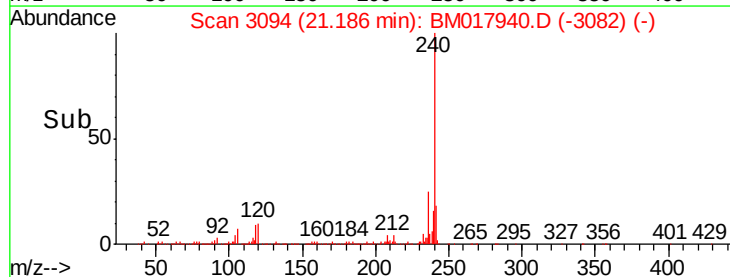
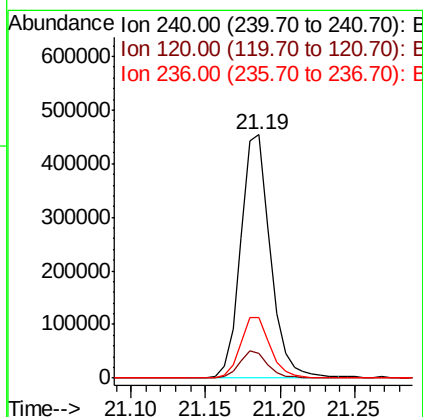
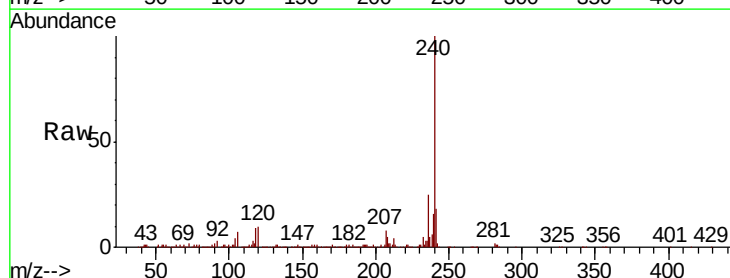
Instrument :
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SA-06-120318

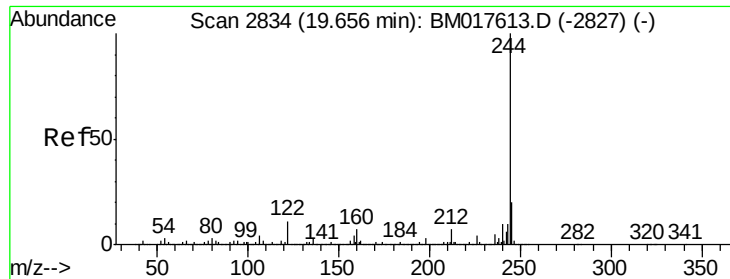
Tgt Ion:188 Resp: 602719
Ion Ratio Lower Upper
188 100
94 9.3 7.5 11.3
80 10.6 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3094
Delta R.T. -0.03 min
Lab File: BM017940.D
Acq: 05 Dec 2018 18:13

Tgt Ion:240 Resp: 625612
Ion Ratio Lower Upper
240 100
120 9.9 8.5 12.7
236 24.9 20.4 30.6





#79

Terphenyl-d14

Concen: 85.185 ng

RT: 19.62 min Scan# 2828

Delta R.T. -0.04 min

Lab File: BM017940.D

Acq: 05 Dec 2018 18:13

Instrument :

BNA_M

ClientSampleId :

SA-06-120318

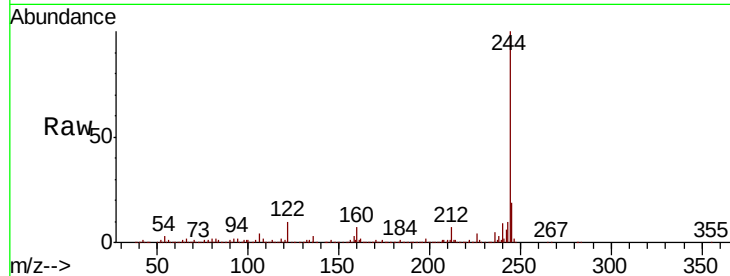
Tgt Ion:244 Resp: 2351394

Ion Ratio Lower Upper

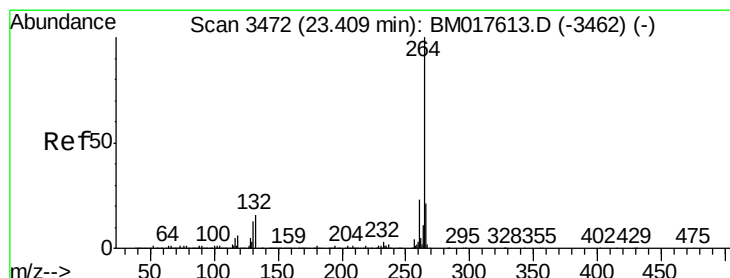
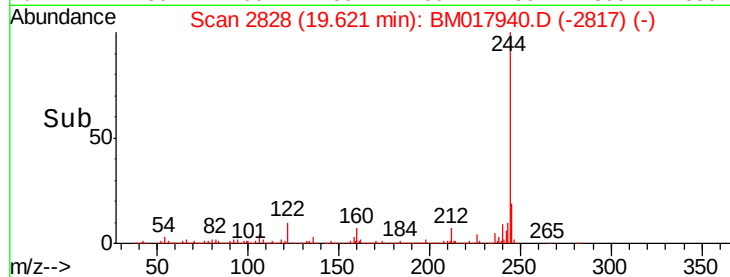
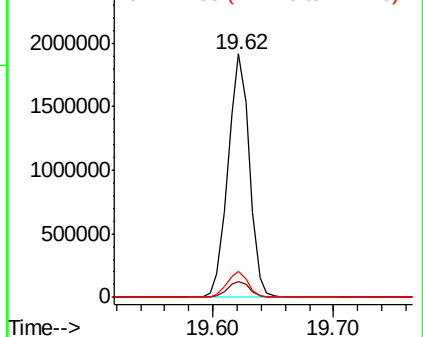
244 100

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: 23.36 min Scan# 3464

Delta R.T. -0.05 min

Lab File: BM017940.D

Acq: 05 Dec 2018 18:13

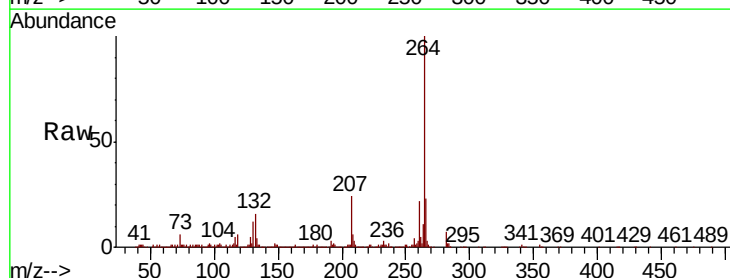
Tgt Ion:264 Resp: 667489

Ion Ratio Lower Upper

264 100

260 22.5 18.2 27.2

265 22.7 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

