

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120618\
 Data File : BM017960.D
 Acq On : 06 Dec 2018 06:50
 Operator : JU/SJ
 Sample : PB115363TB
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB115363TB

Quant Time: Dec 06 07:25:37 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	120046	20.00	ng	-0.05
21) Naphthalene-d8	10.33	136	414479	20.00	ng	-0.05
39) Acenaphthene-d10	14.21	164	225678	20.00	ng	-0.05
64) Phenanthrene-d10	16.97	188	447566	20.00	ng	-0.05
76) Chrysene-d12	21.18	240	500600	20.00	ng	-0.04
87) Perylene-d12	23.36	264	550458	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	760880	106.97	ng	-0.05
7) Phenol-d6	6.75	99	964421	97.08	ng	-0.05
23) Nitrobenzene-d5	8.72	82	563869	70.23	ng	-0.06
42) 2,4,6-Tribromophenol	15.72	330	323220	99.68	ng	-0.05
45) 2-Fluorobiphenyl	12.82	172	1316756	75.70	ng	-0.05
79) Terphenyl-d14	19.62	244	1795076	81.27	ng	-0.04

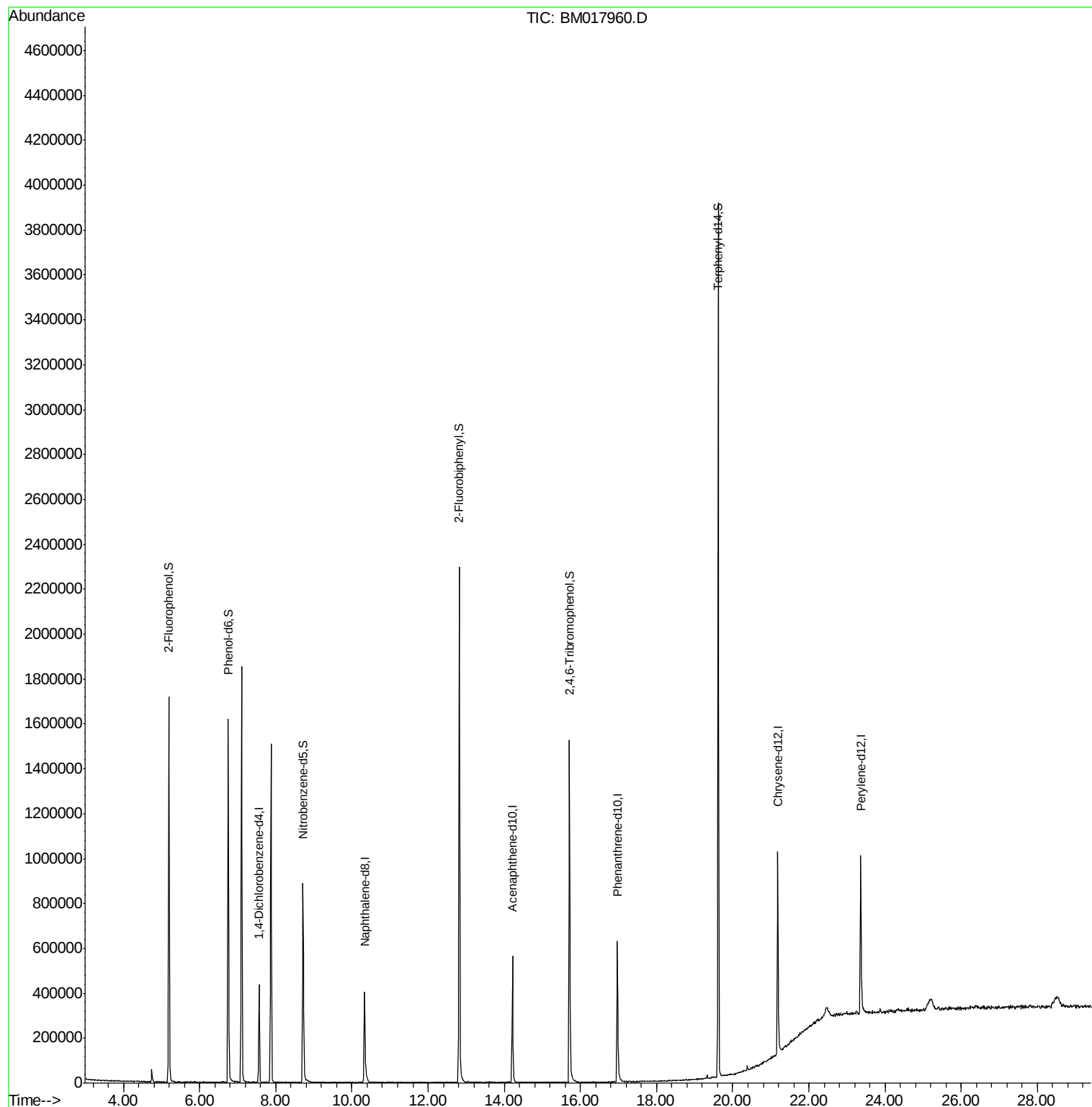
Target Compounds Qvalue

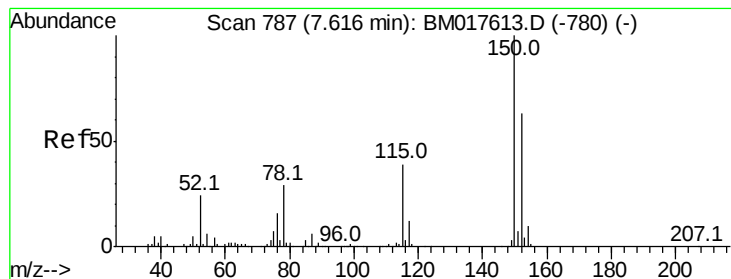
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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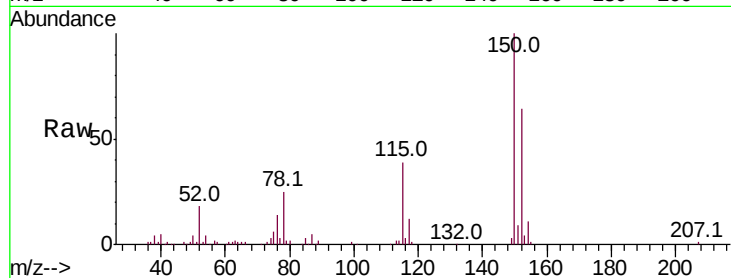


#1

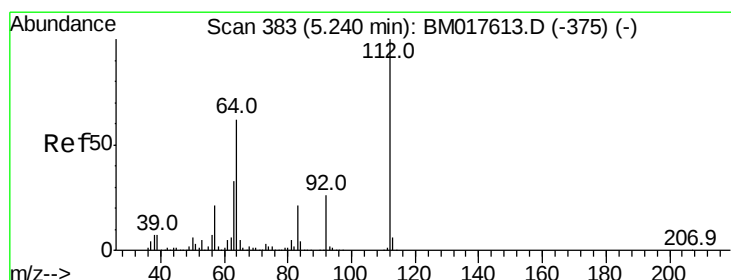
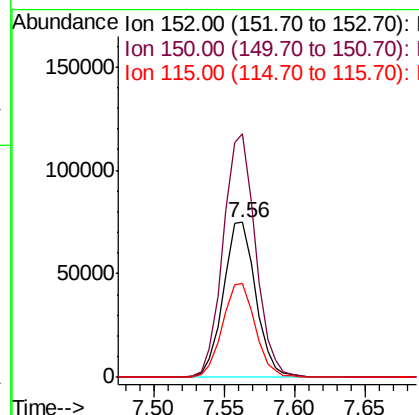
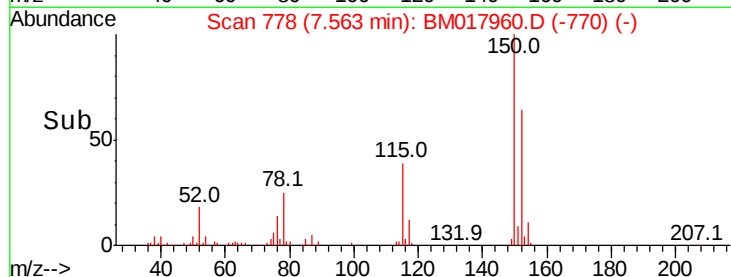
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 778
Delta R.T. -0.05 min
Lab File: BM017960.D
Acq: 06 Dec 2018 06:50

Instrument :
BNA_M
ClientSampleId :
PB115363TB

Tot Ion:152 Resp: 120046
Ion Ratio Lower Upper
152 100
150 157.3 126.4 189.6
115 60.9 49.4 74.0



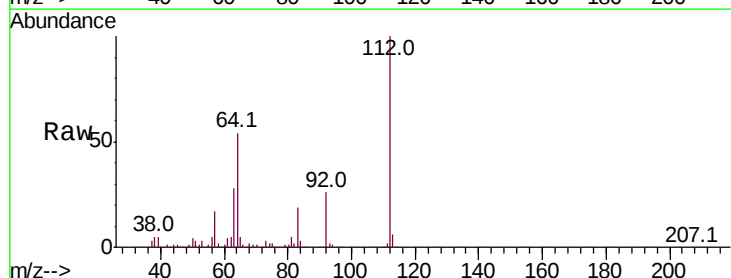
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



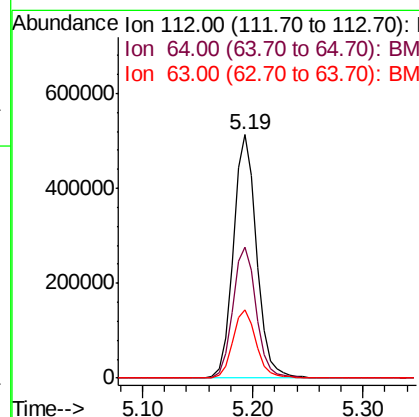
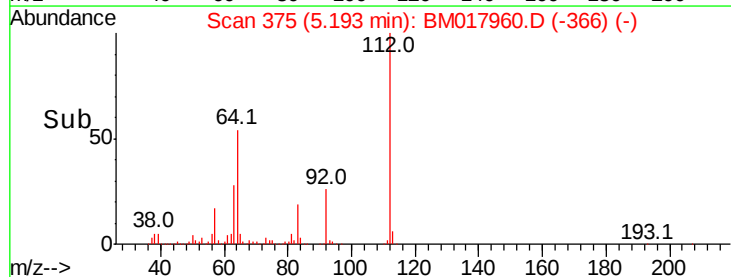
#5

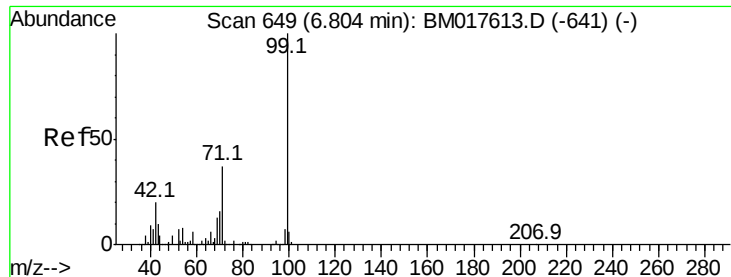
2-Fluorophenol
Concen: 106.967 ng
RT: 5.19 min Scan# 375
Delta R.T. -0.05 min
Lab File: BM017960.D
Acq: 06 Dec 2018 06:50

Tgt Ion:112 Resp: 760880
Ion Ratio Lower Upper
112 100
64 53.8 49.3 73.9
63 27.8 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: 97.077 ng

RT: 6.75 min Scan# 640

Delta R.T. -0.05 min

Lab File: BM017960.D

Acq: 06 Dec 2018 06:50

Instrument :

BNA_M

ClientSampleId :

PB115363TB

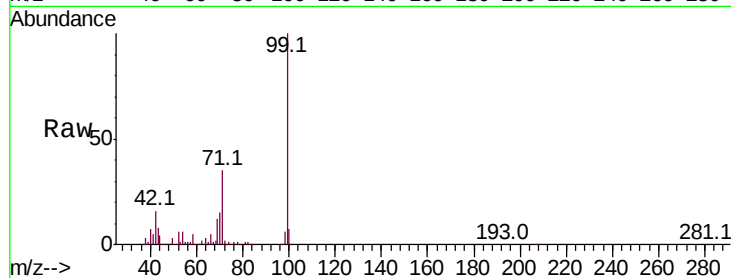
Tot Ion: 99 Resp: 964421

Ion Ratio Lower Upper

99 100

42 16.3 16.3 24.5#

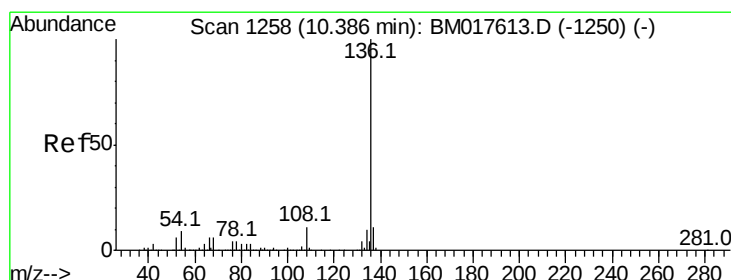
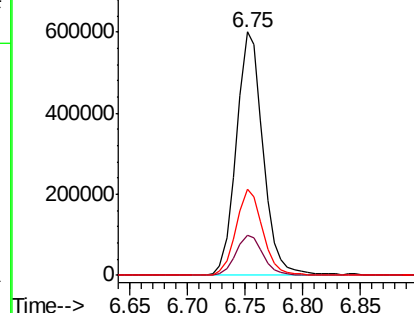
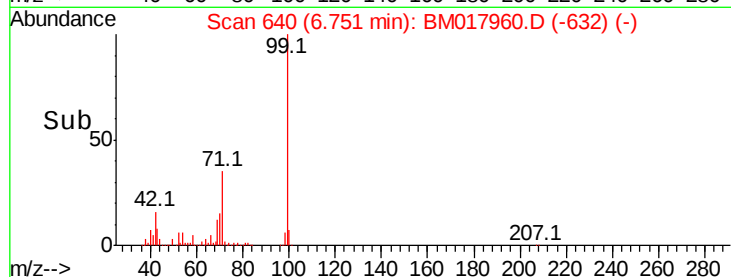
71 35.3 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BM017960.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM017960.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM017960.D (-632) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.33 min Scan# 1249

Delta R.T. -0.05 min

Lab File: BM017960.D

Acq: 06 Dec 2018 06:50

Tgt Ion: 136 Resp: 414479

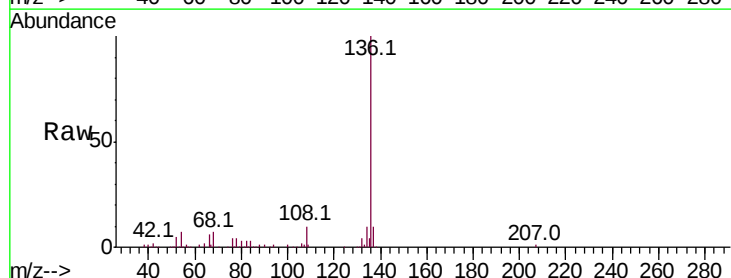
Ion Ratio Lower Upper

136 100

137 10.3 8.6 12.8

54 7.2 7.0 10.6

68 6.6 4.9 7.3

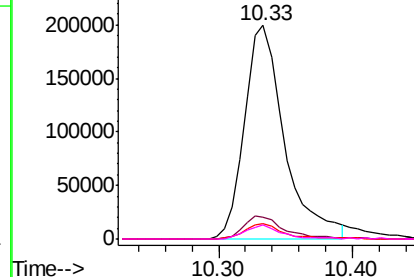
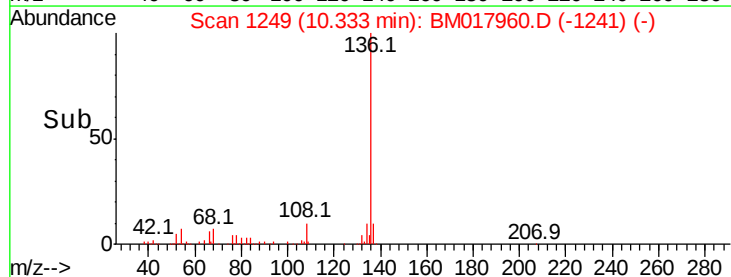


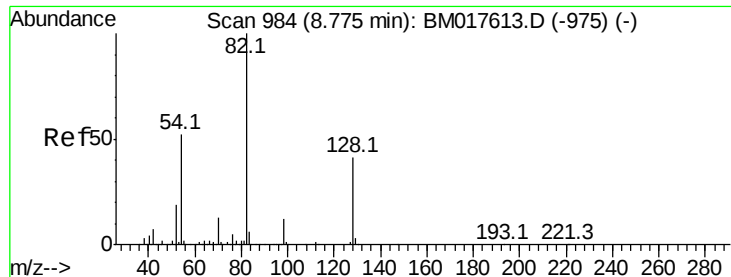
Abundance Ion 136.00 (135.70 to 136.70): BM017960.D (-1241) (-)

Ion 137.00 (136.70 to 137.70): BM017960.D (-1241) (-)

Ion 54.00 (53.70 to 54.70): BM017960.D (-1241) (-)

Ion 68.00 (67.70 to 68.70): BM017960.D (-1241) (-)

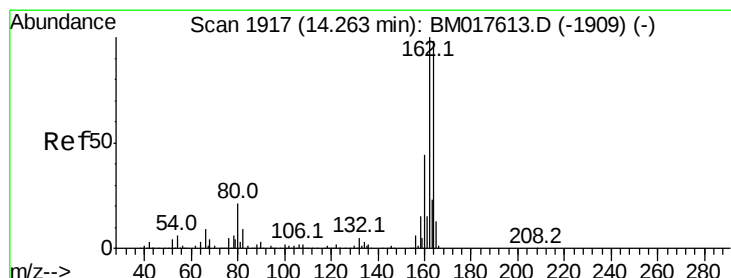
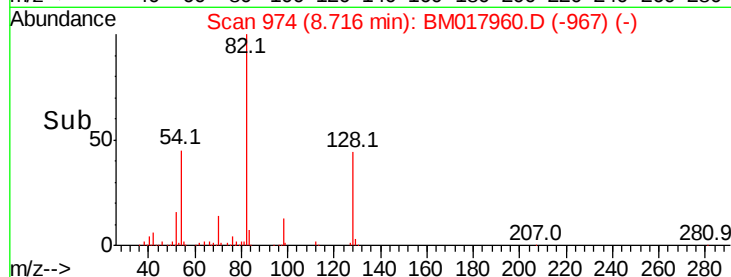
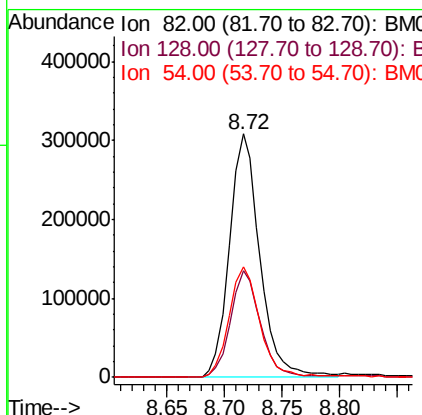
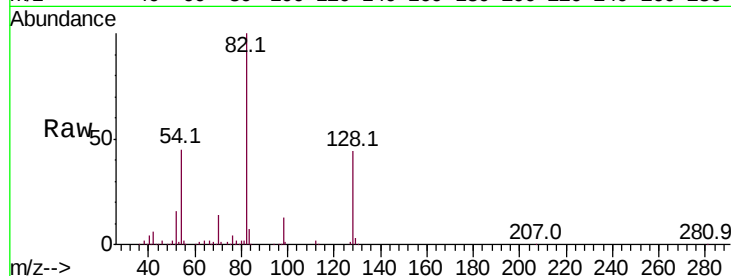




#23
Nitrobenzene-d5
Concen: 70.233 ng
RT: 8.72 min Scan# 974
Delta R.T. -0.06 min
Lab File: BM017960.D
Acq: 06 Dec 2018 06:50

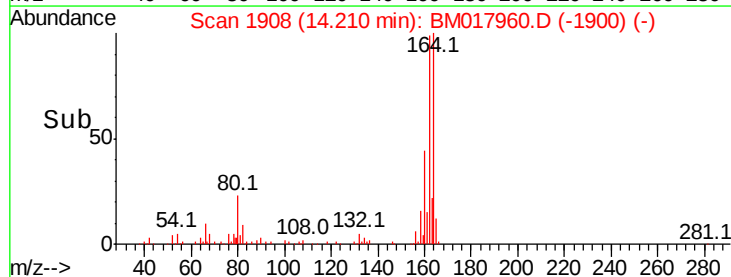
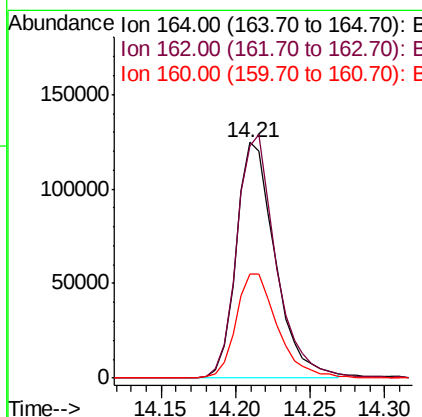
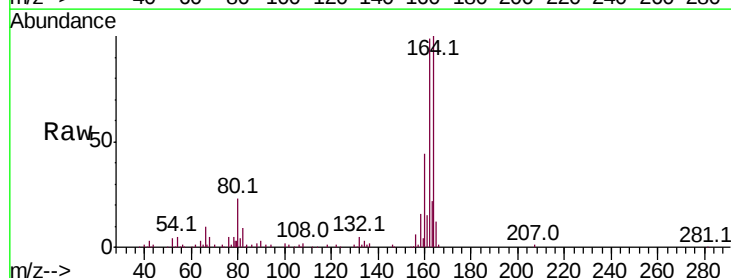
Instrument :
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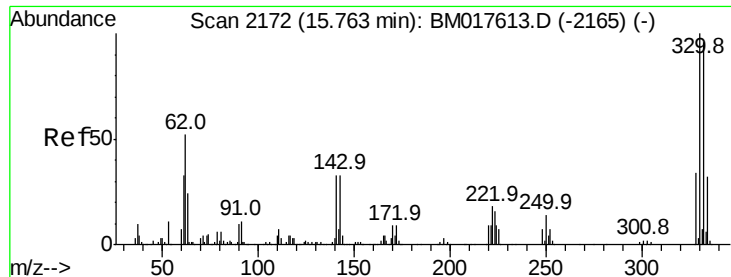
Tot Ion	82	Resp	563869
Ion Ratio	Lower	Upper	
82	100		
128	43.7	33.0	49.4
54	45.3	41.4	62.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.21 min Scan# 1908
Delta R.T. -0.05 min
Lab File: BM017960.D
Acq: 06 Dec 2018 06:50

Tgt Ion	164	Resp	225678
Ion Ratio	Lower	Upper	
164	100		
162	98.6	81.4	122.0
160	44.3	35.6	53.4

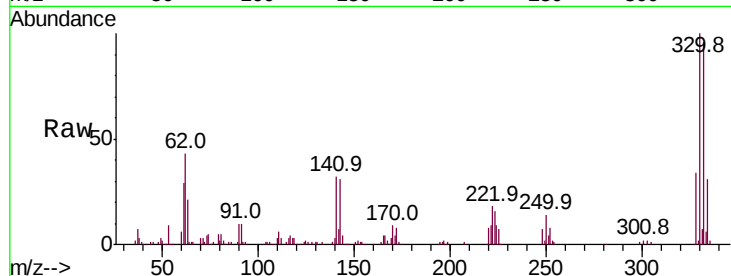




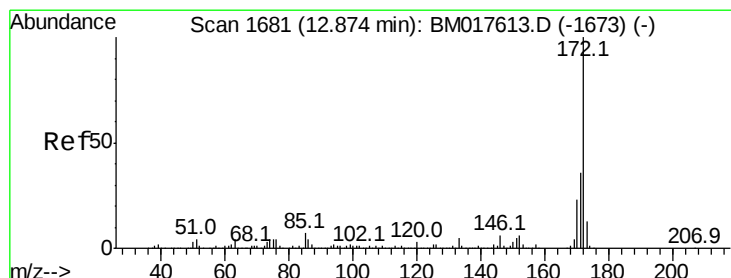
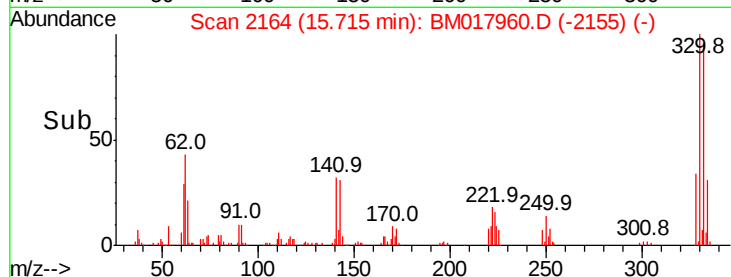
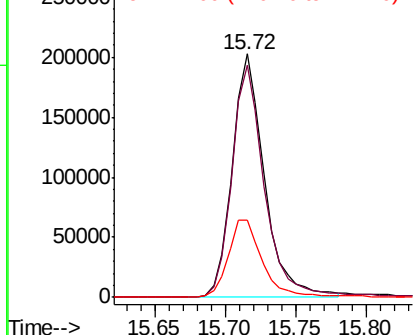
#42
 2,4,6-Tribromophenol
 Concen: 99.677 ng
 RT: 15.72 min Scan# 2164
 Delta R.T. -0.05 min
 Lab File: BM017960.D
 Acq: 06 Dec 2018 06:50

Instrument :
 BNA_M
 ClientSampleID :
 PB115363TB

Tot Ion:330 Resp: 323220
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.9 116.9
 141 33.3 27.5 41.3

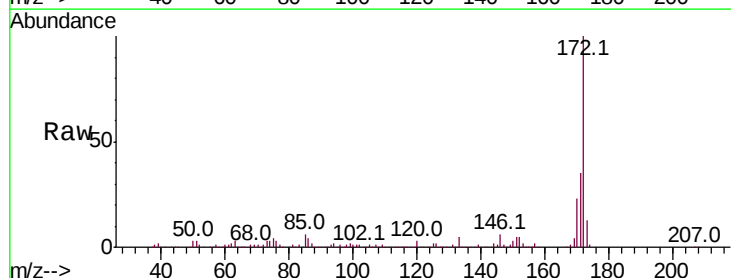


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

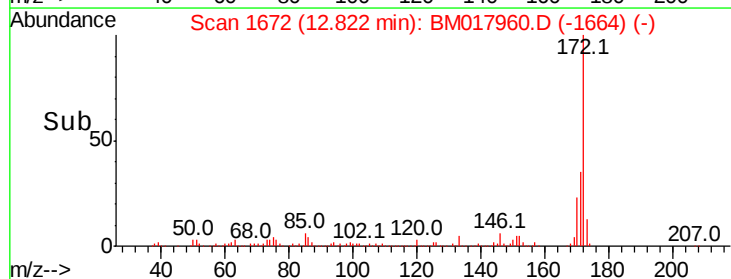
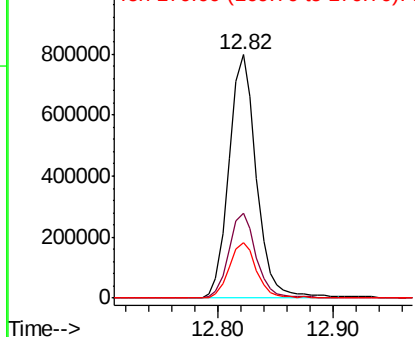


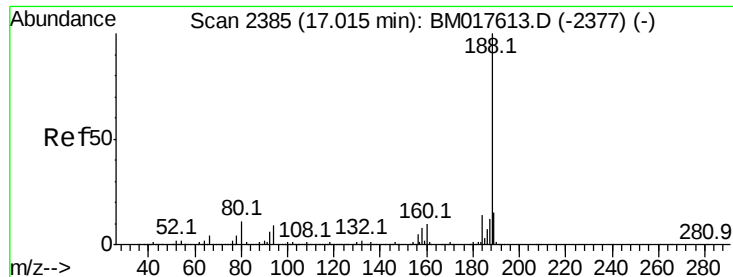
#45
 2-Fluorobiphenyl
 Concen: 75.695 ng
 RT: 12.82 min Scan# 1672
 Delta R.T. -0.05 min
 Lab File: BM017960.D
 Acq: 06 Dec 2018 06:50

Tgt Ion:172 Resp: 1316756
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.7 43.1
 170 22.6 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

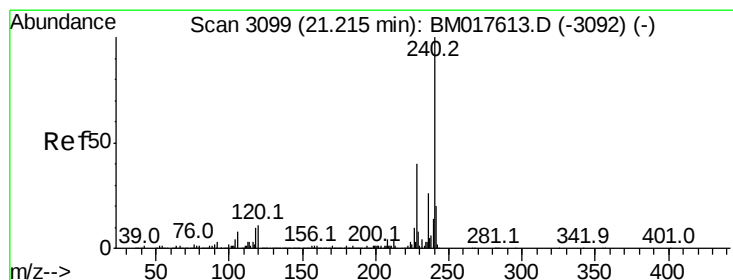
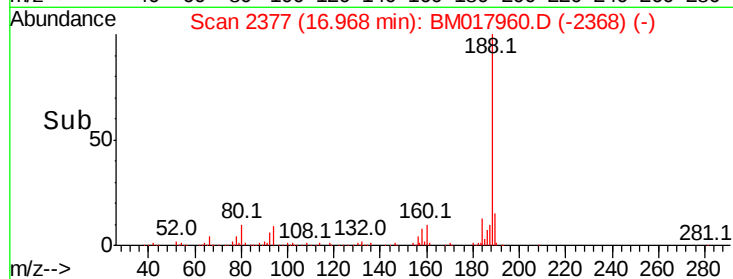
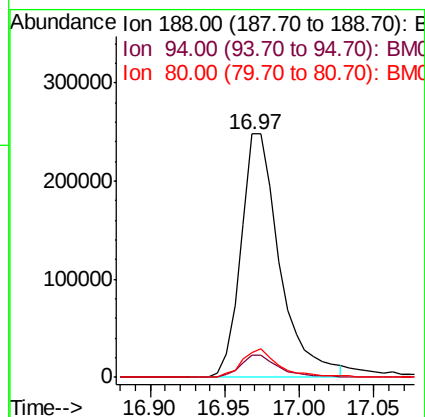
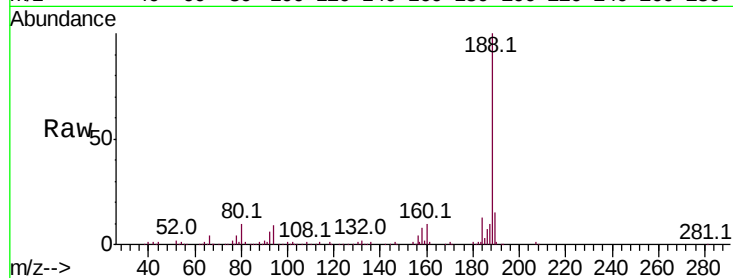




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2377
Delta R.T. -0.05 min
Lab File: BM017960.D
Acq: 06 Dec 2018 06:50

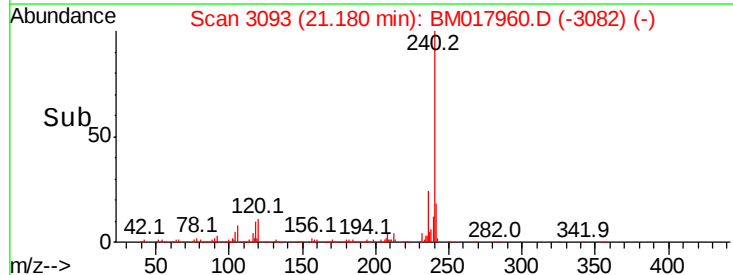
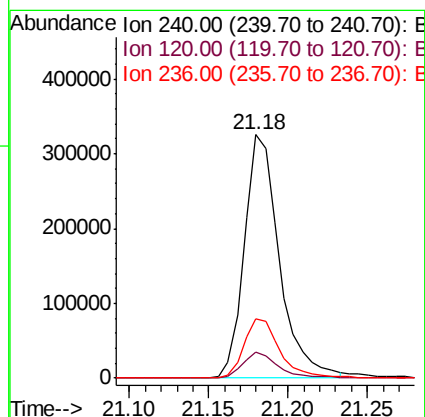
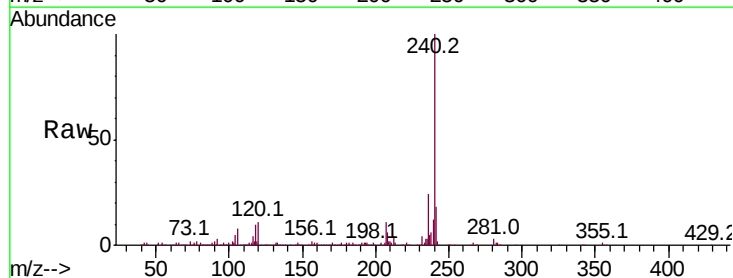
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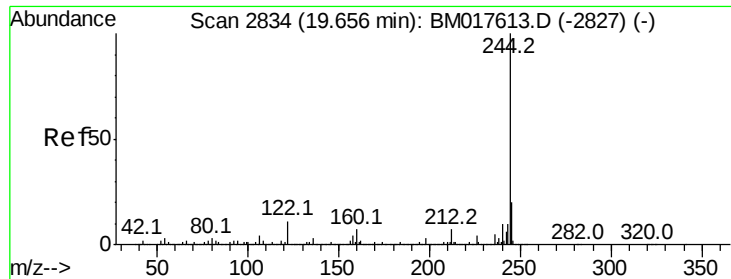
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.5	11.3
80	10.3	8.6	13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.18 min Scan# 3093
Delta R.T. -0.04 min
Lab File: BM017960.D
Acq: 06 Dec 2018 06:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.5	12.7
236	24.2	20.4	30.6





#79

Terphenyl-d14

Concen: 81.270 ng

RT: 19.62 min Scan# 2827

Delta R.T. -0.04 min

Lab File: BM017960.D

Acq: 06 Dec 2018 06:50

Instrument :

BNA_M

ClientSampleId :

PB115363TB

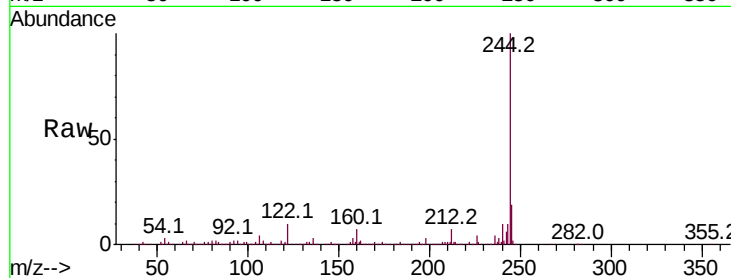
Tot Ion:244 Resp: 1795076

Ion Ratio Lower Upper

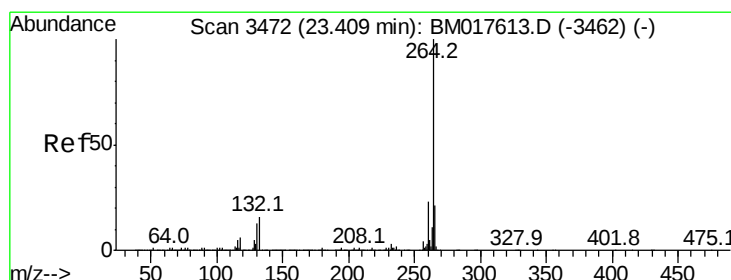
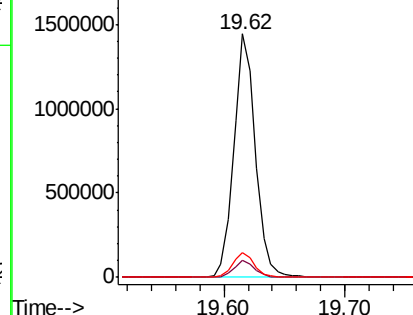
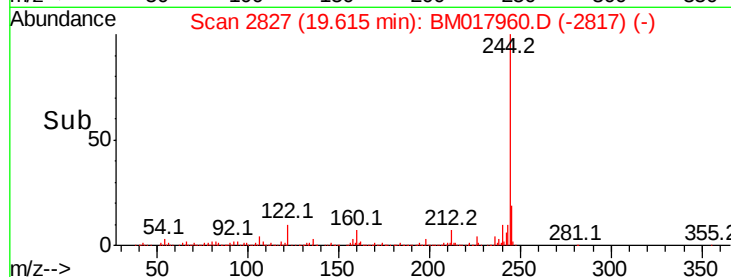
244 100

212 6.8 5.8 8.6

122 10.4 9.0 13.6



Abundance Ion 244.00 (243.70 to 244.70): E
2000000 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: BM017960.D

Acq: 06 Dec 2018 06:50

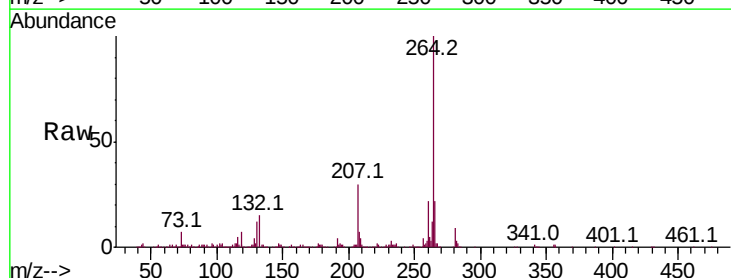
Tgt Ion:264 Resp: 550458

Ion Ratio Lower Upper

264 100

260 21.9 18.2 27.2

265 21.5 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
300000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

