

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110818\
 Data File : BM017557.D
 Acq On : 07 Nov 2018 13:24
 Operator : MJ/SJ
 Sample : J5805-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-SAMPLES(31-35)

Quant Time: Nov 07 15:18:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 15:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	229840	20.00	ng	-0.02
21) Naphthalene-d8	10.40	136	860151	20.00	ng	-0.02
39) Acenaphthene-d10	14.27	164	508216	20.00	ng	-0.02
64) Phenanthrene-d10	17.02	188	1293741	20.00	ng	-0.02
76) Chrysene-d12	21.22	240	1548752	20.00	ng	-0.02
87) Perylene-d12	23.41	264	1525789	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1615886	118.91	ng	-0.01
7) Phenol-d6	6.81	99	1886981	101.96	ng	-0.02
23) Nitrobenzene-d5	8.78	82	1464430	99.57	ng	-0.02
42) 2,4,6-Tribromophenol	15.77	330	1074783	156.38	ng	-0.02
45) 2-Fluorobiphenyl	12.88	172	3397305	88.94	ng	-0.02
79) Terphenyl-d14	19.66	244	6449853	93.87	ng	-0.02

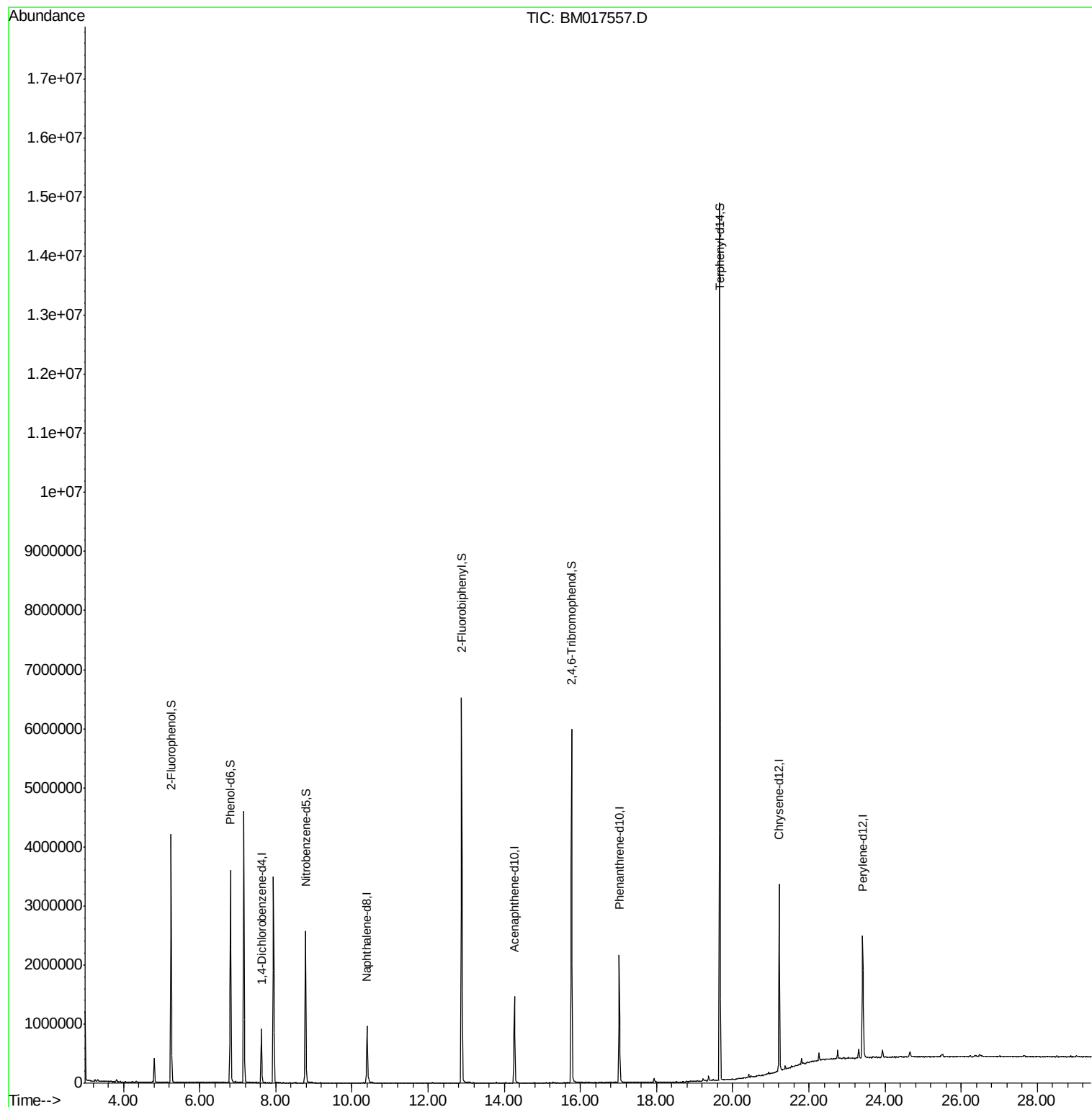
Target Compounds Qvalue

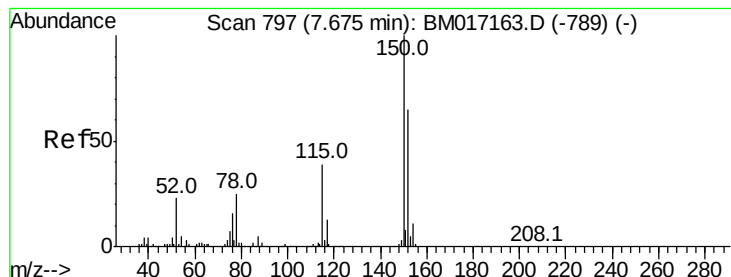
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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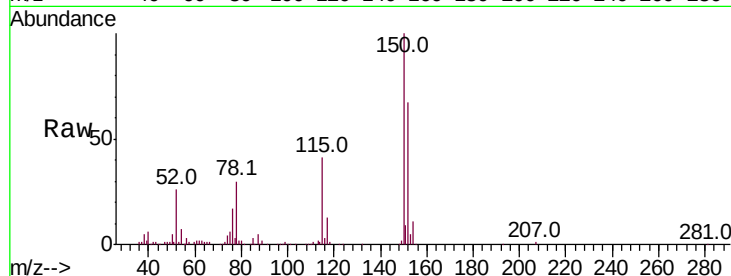


#1

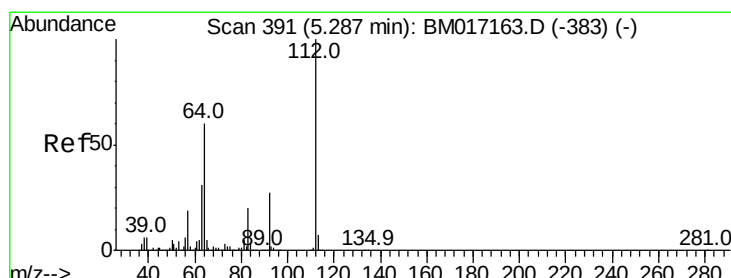
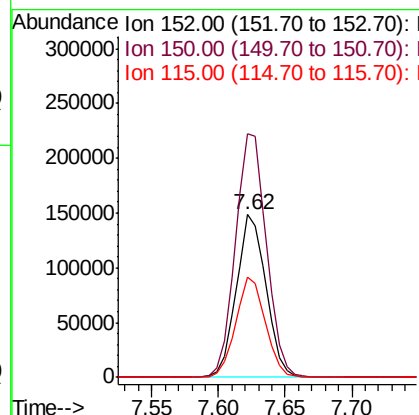
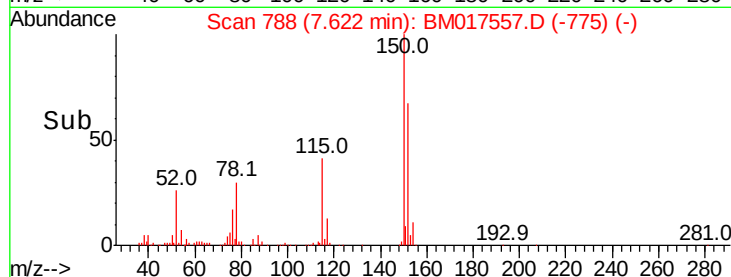
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM017557.D
Acq: 07 Nov 2018 13:24

Instrument :
BNA_M
ClientSampleId :
COMP-SAMPLES(31-35)

Tot Ion:152 Resp: 229840
Ion Ratio Lower Upper
152 100
150 149.8 124.3 186.5
115 61.9 48.1 72.1



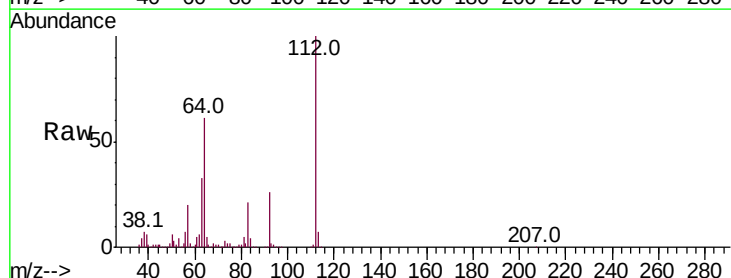
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



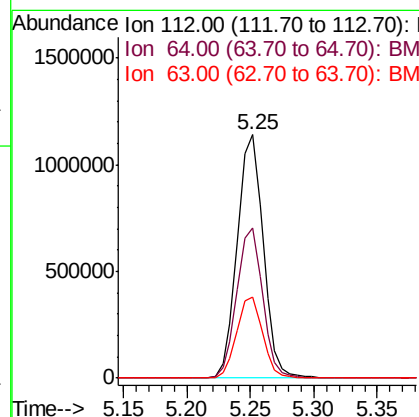
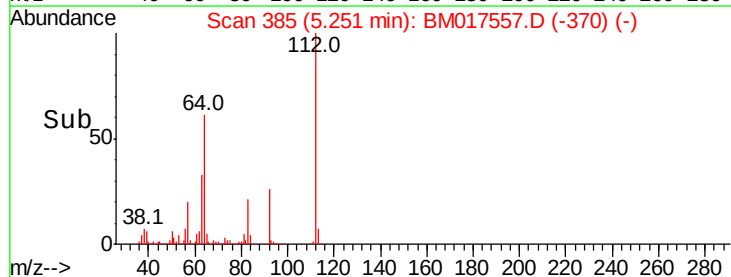
#5

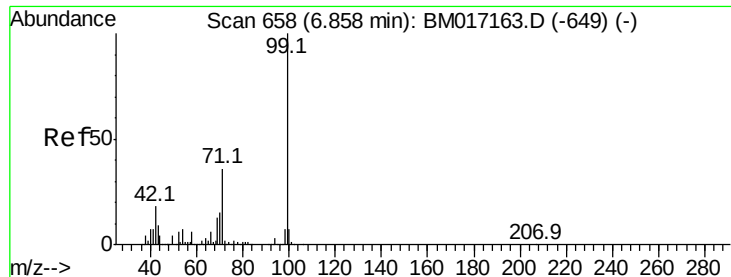
2-Fluorophenol
Concen: 118.909 ng
RT: 5.25 min Scan# 385
Delta R.T. -0.01 min
Lab File: BM017557.D
Acq: 07 Nov 2018 13:24

Tgt Ion:112 Resp: 1615886
Ion Ratio Lower Upper
112 100
64 61.5 41.7 62.5
63 33.3 23.0 34.4



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: 101.956 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM017557.D

Acq: 07 Nov 2018 13:24

Instrument :

BNA_M

ClientSampleId :

COMP-SAMPLES(31-35)

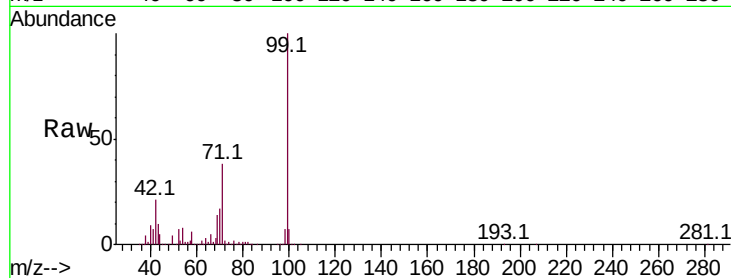
Tot Ion: 99 Resp: 1886981

Ion Ratio Lower Upper

99 100

42 21.3 13.3 19.9#

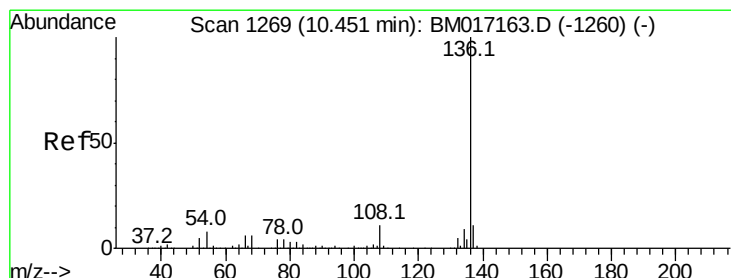
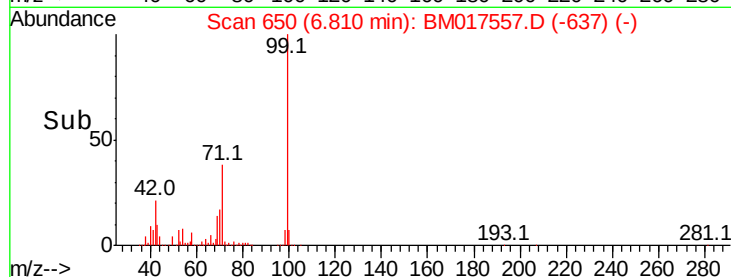
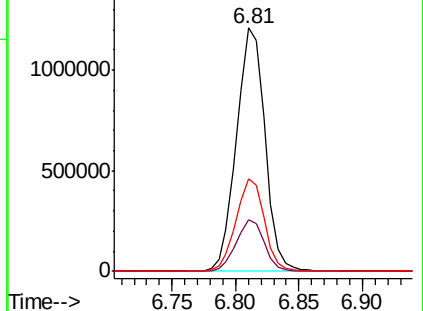
71 37.9 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-649) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-649) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-649) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.40 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BM017557.D

Acq: 07 Nov 2018 13:24

Tgt Ion: 136 Resp: 860151

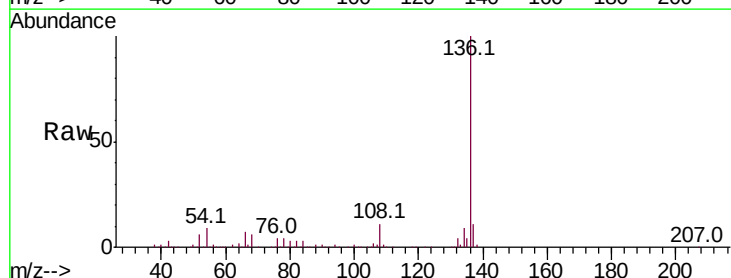
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 8.9 6.7 10.1

68 6.3 4.7 7.1

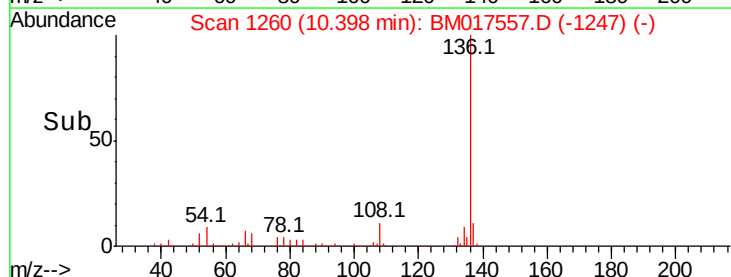
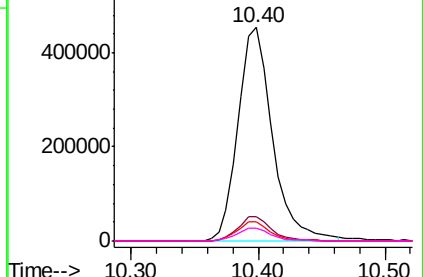


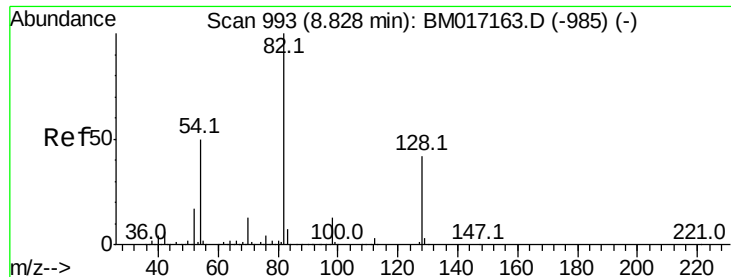
Abundance Ion 136.00 (135.70 to 136.70): BM017163.D (-1260) (-)

Ion 137.00 (136.70 to 137.70): BM017163.D (-1260) (-)

Ion 54.00 (53.70 to 54.70): BM017163.D (-1260) (-)

Ion 68.00 (67.70 to 68.70): BM017163.D (-1260) (-)



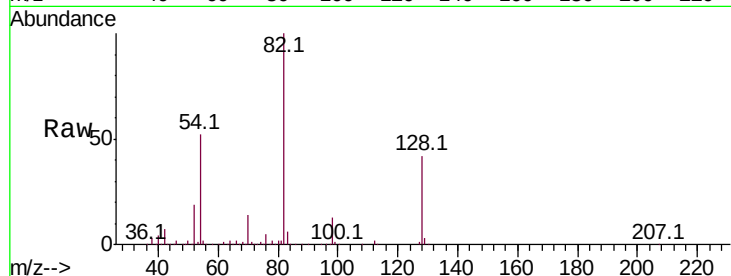


#23
 Nitrobenzene-d5
 Concen: 99.573 ng
 RT: 8.78 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BM017557.D
 Acq: 07 Nov 2018 13:24

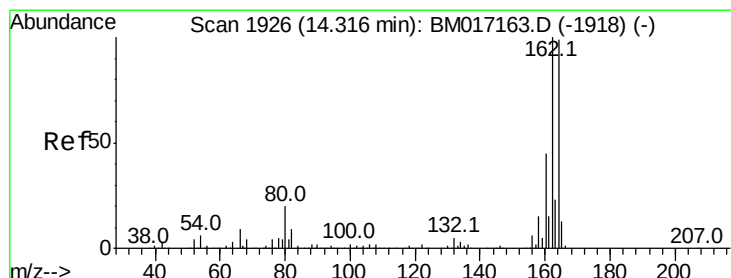
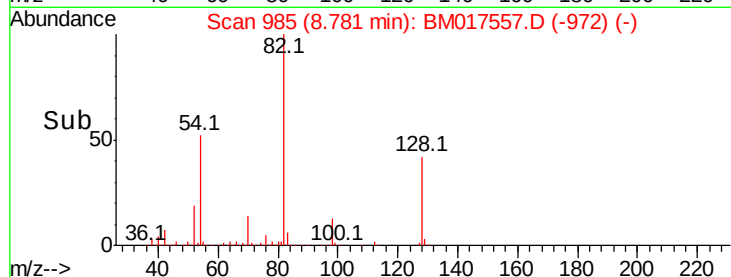
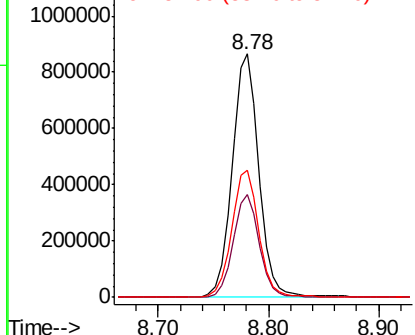
Instrument :
 BNA_M
 ClientSampleId :
 COMP-SAMPLES(31-35)

Tot Ion: 82 Resp: 1464430

Ion	Ratio	Lower	Upper
82	100		
128	42.0	37.0	55.6
54	52.4	40.7	61.1



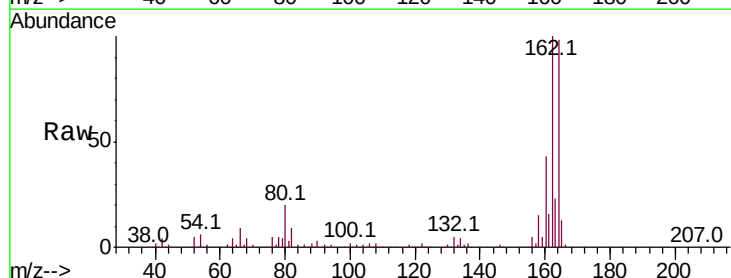
Abundance Ion 82.00 (81.70 to 82.70): BM017163.D (-985) (-)
 Ion 128.00 (127.70 to 128.70): BM017163.D (-985) (-)
 Ion 54.00 (53.70 to 54.70): BM017163.D (-985) (-)



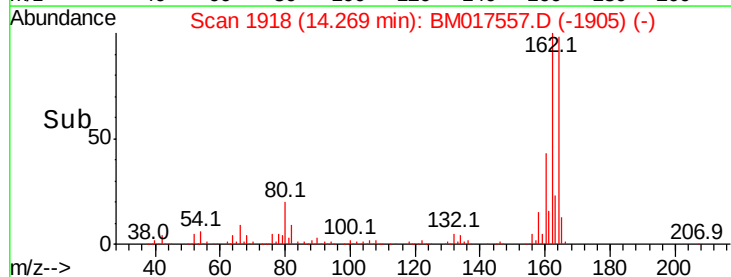
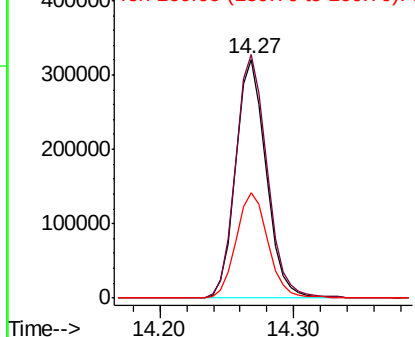
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.27 min Scan# 1918
 Delta R.T. -0.02 min
 Lab File: BM017557.D
 Acq: 07 Nov 2018 13:24

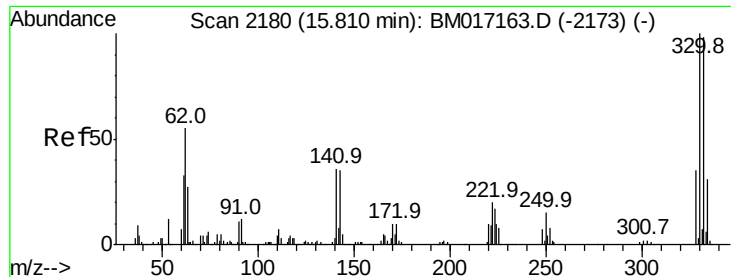
Tgt Ion:164 Resp: 508216

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.1	123.1
160	44.1	40.2	60.2



Abundance Ion 164.00 (163.70 to 164.70): BM017163.D (-1918) (-)
 Ion 162.00 (161.70 to 162.70): BM017163.D (-1918) (-)
 Ion 160.00 (159.70 to 160.70): BM017163.D (-1918) (-)





#42

2,4,6-Tribromophenol

Concen: 156.380 ng

RT: 15.77 min Scan# 2173

Delta R.T. -0.02 min

Lab File: BM017557.D

Acq: 07 Nov 2018 13:24

Instrument :

BNA_M

ClientSampleId :

COMP-SAMPLES(31-35)

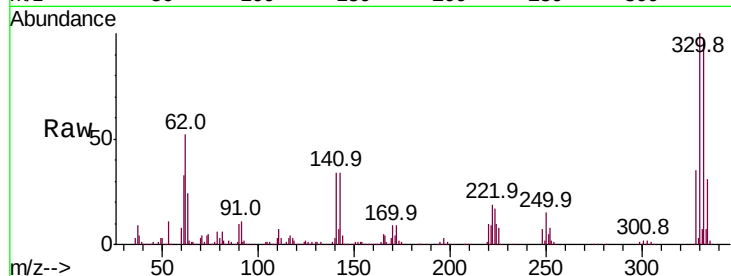
Tot Ion:330 Resp: 1074783

Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

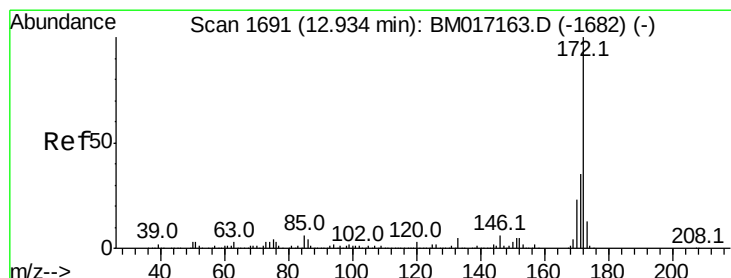
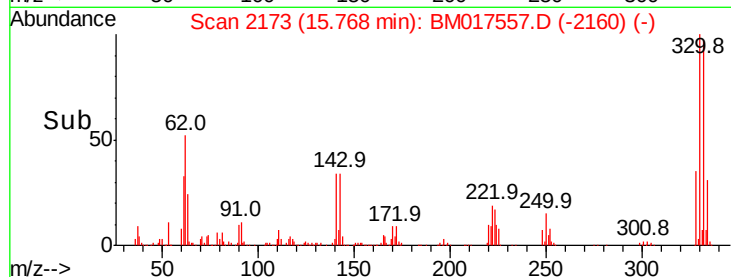
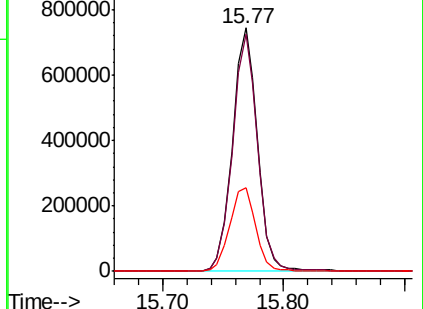
141 35.7 27.4 41.0



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: 88.944 ng

RT: 12.88 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BM017557.D

Acq: 07 Nov 2018 13:24

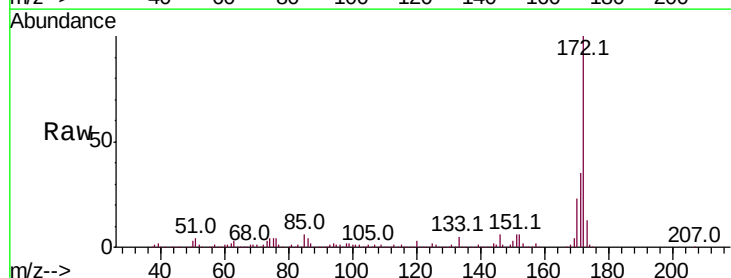
Tgt Ion:172 Resp: 3397305

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

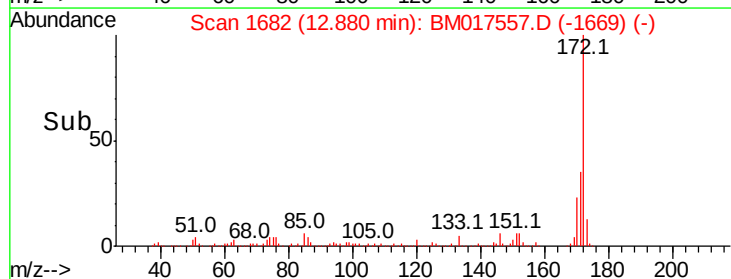
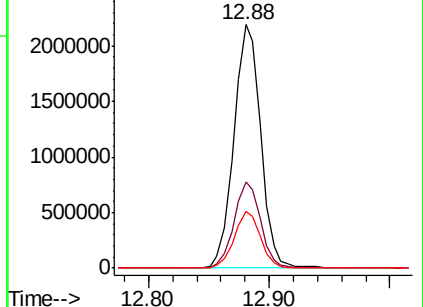
170 23.1 18.3 27.5

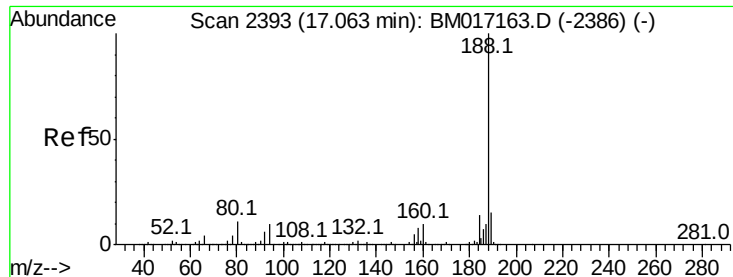


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

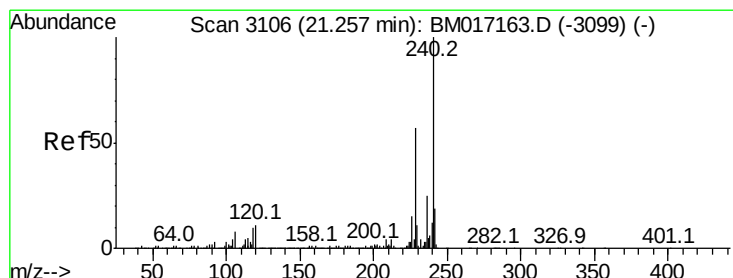
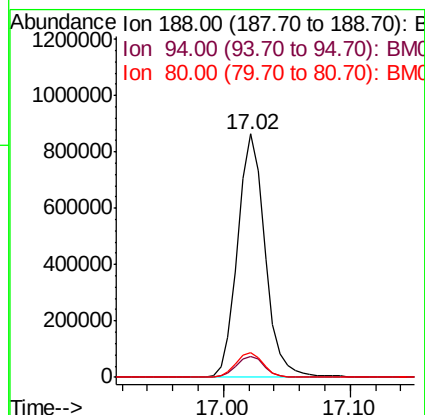
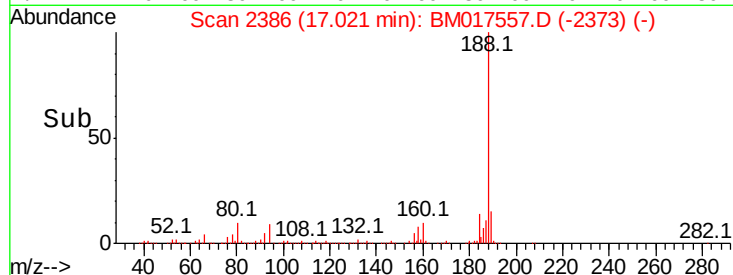
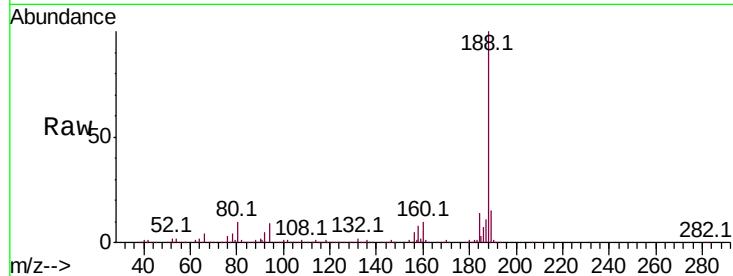




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.02 min Scan# 2386
Delta R.T. -0.02 min
Lab File: BM017557.D
Acq: 07 Nov 2018 13:24

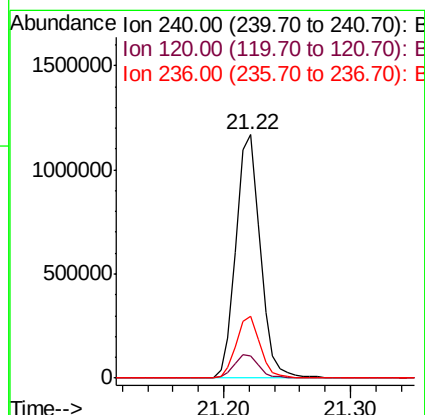
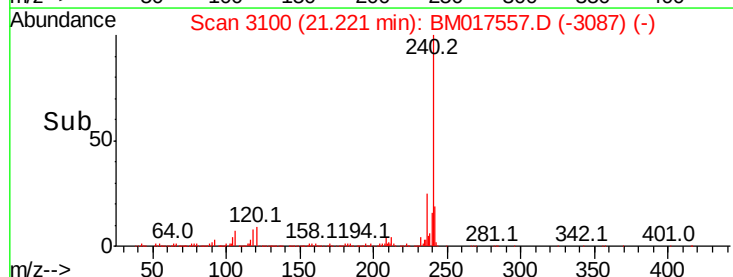
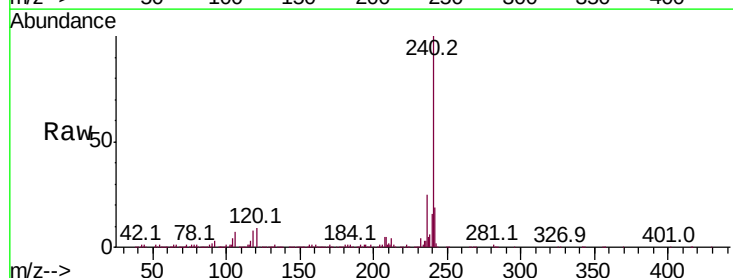
Instrument :
BNA_M
ClientSampleId :
COMP-SAMPLES(31-35)

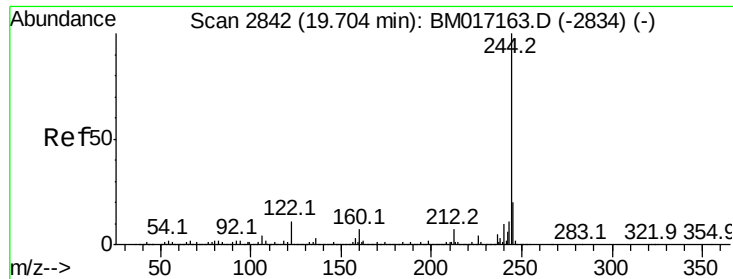
Tot Ion:188 Resp: 1293741
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.4
80 10.4 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.22 min Scan# 3100
Delta R.T. -0.02 min
Lab File: BM017557.D
Acq: 07 Nov 2018 13:24

Tgt Ion:240 Resp: 1548752
Ion Ratio Lower Upper
240 100
120 9.1 8.1 12.1
236 25.2 19.9 29.9





#79

Terphenyl-d14

Concen: 93.869 ng

RT: 19.66 min Scan# 2835

Delta R.T. -0.02 min

Lab File: BM017557.D

Acq: 07 Nov 2018 13:24

Instrument :

BNA_M

ClientSampleId :

COMP-SAMPLES(31-35)

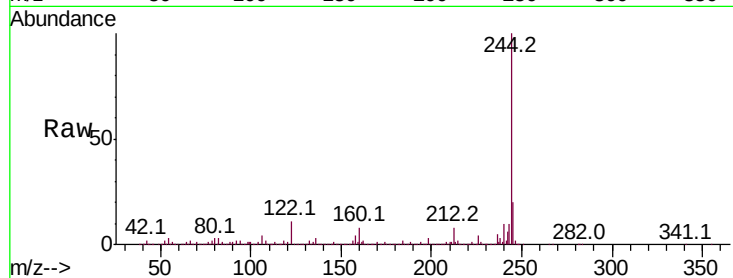
Tot Ion:244 Resp: 6449853

Ion Ratio Lower Upper

244 100

212 7.5 5.5 8.3

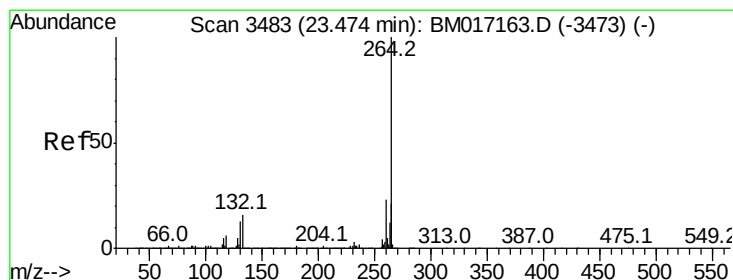
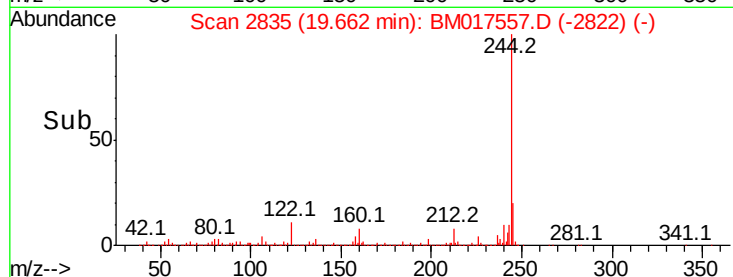
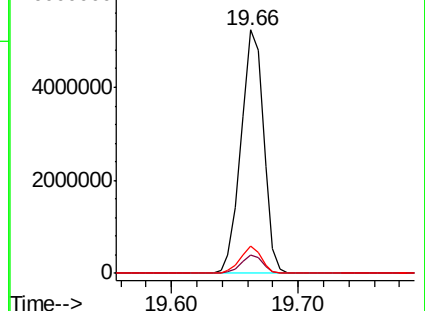
122 11.1 8.4 12.6



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: 23.41 min Scan# 3473

Delta R.T. -0.04 min

Lab File: BM017557.D

Acq: 07 Nov 2018 13:24

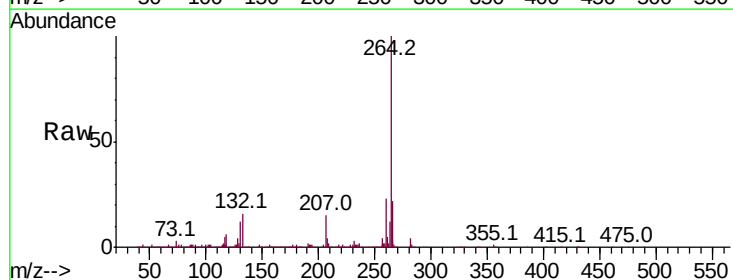
Tgt Ion:264 Resp: 1525789

Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 21.8 17.8 26.8



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

