

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102618\
 Data File : BM017357.D
 Acq On : 26 Oct 2018 20:35
 Operator : MJ/SJ
 Sample : J5204-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SU-01-102518-B

Quant Time: Oct 27 02:50:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	263510	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	1109586	20.00	ng	-0.02
39) Acenaphthene-d10	14.29	164	694014	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	1773065	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	2015809	20.00	ng	-0.02
87) Perylene-d12	23.46	264	1797197	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1778984	114.18	ng	-0.01
7) Phenol-d6	6.84	99	2211850	104.24	ng	-0.02
23) Nitrobenzene-d5	8.81	82	1615273	85.14	ng	-0.02
42) 2,4,6-Tribromophenol	15.79	330	1265917	134.88	ng	-0.02
45) 2-Fluorobiphenyl	12.91	172	3914462	75.05	ng	-0.02
79) Terphenyl-d14	19.69	244	7270855	81.30	ng	-0.02

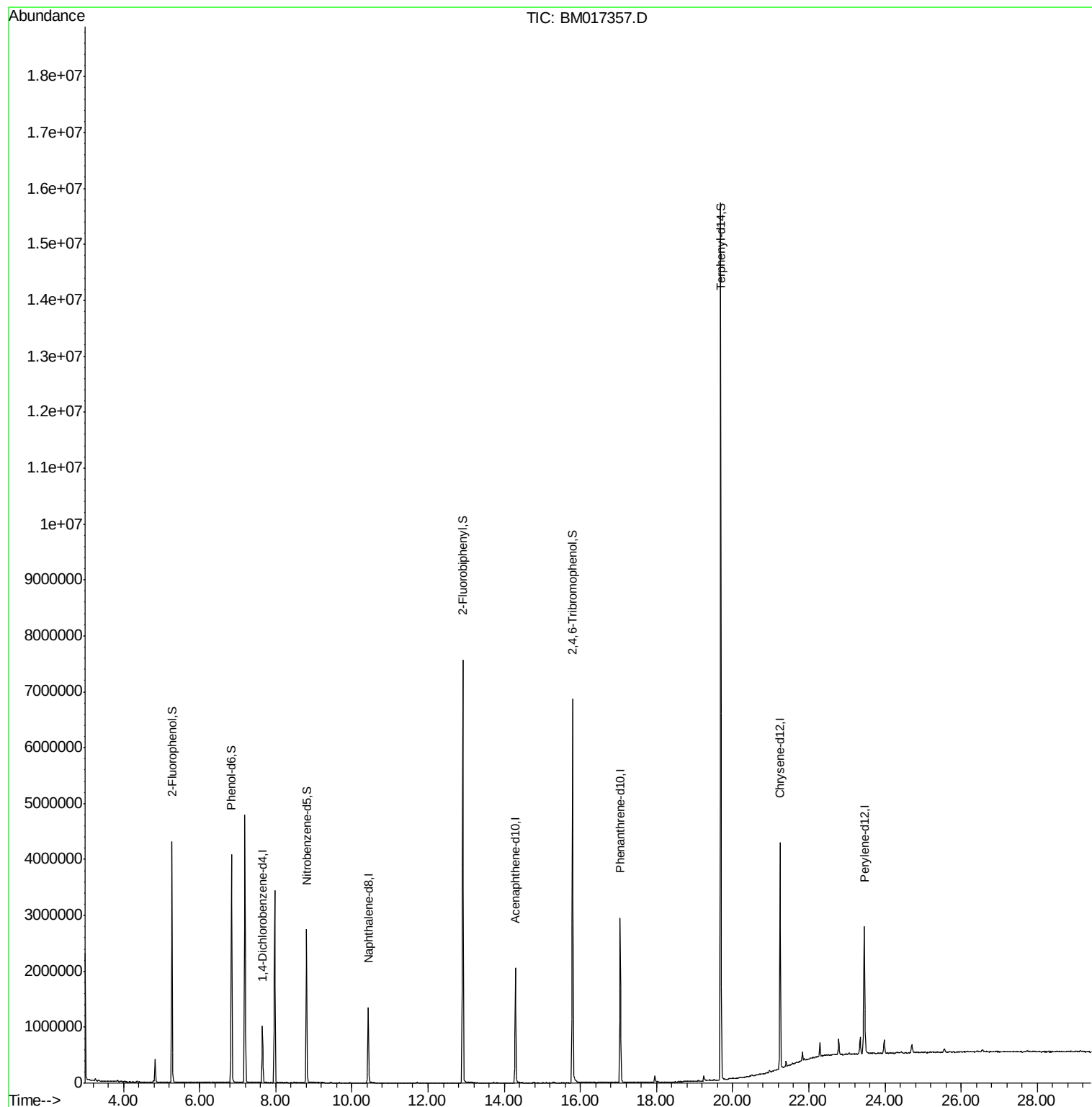
Target Compounds Qvalue

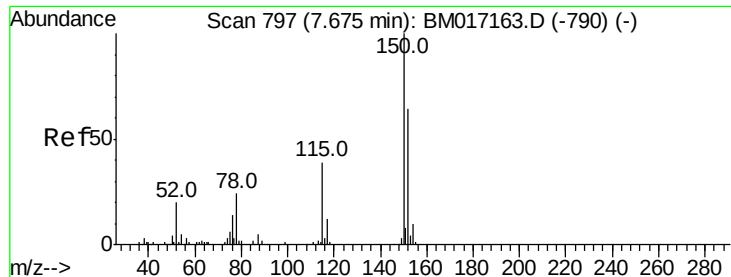
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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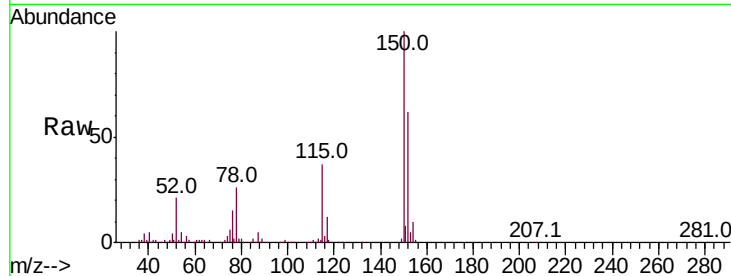


#1

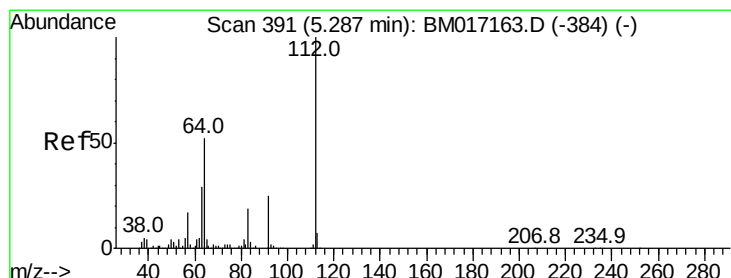
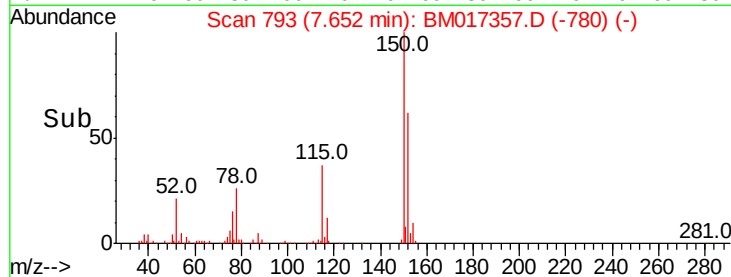
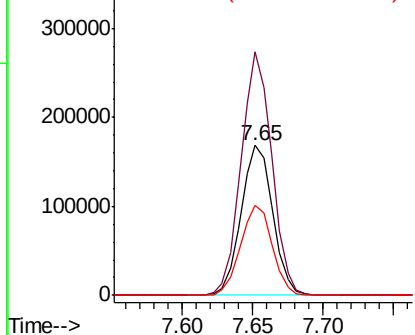
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BM017357.D
Acq: 26 Oct 2018 20:35

Instrument :
BNA_M
ClientSampleId :
SU-01-102518-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.4	124.3	186.5
115	60.0	48.1	72.1



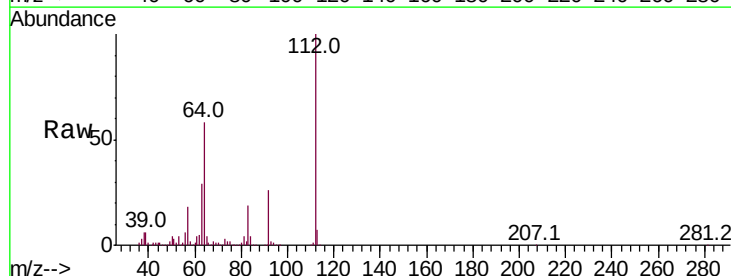
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



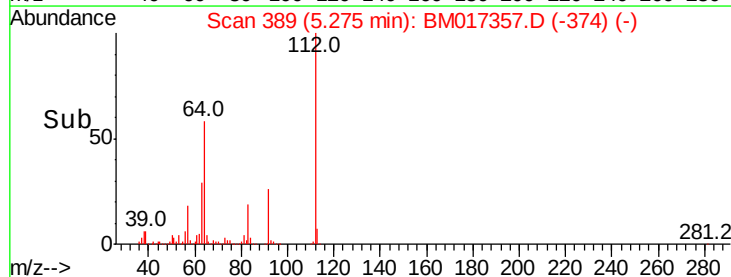
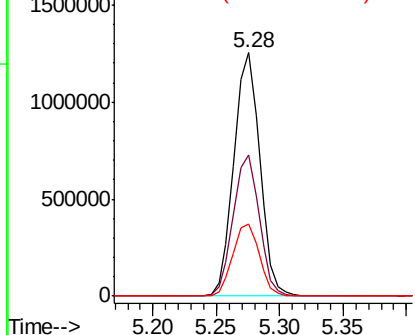
#5

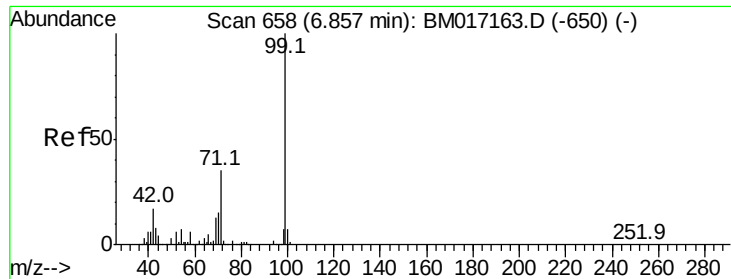
2-Fluorophenol
Concen: 114.184 ng
RT: 5.28 min Scan# 389
Delta R.T. -0.01 min
Lab File: BM017357.D
Acq: 26 Oct 2018 20:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	41.7	62.5
63	29.5	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: 104.239 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.02 min

Lab File: BM017357.D

Acq: 26 Oct 2018 20:35

Instrument :

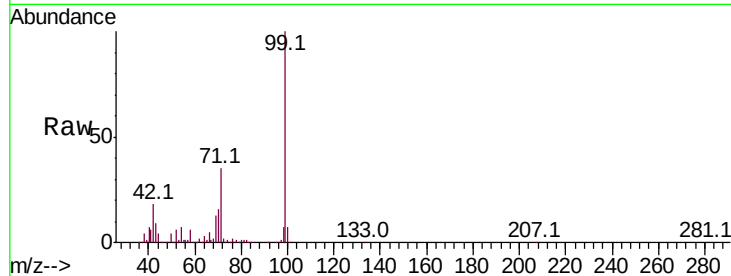
BNA_M

ClientSampleId :

SU-01-102518-B

Tot Ion: 99 Resp: 2211850

Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.3	19.9
71	35.4	28.0	42.0



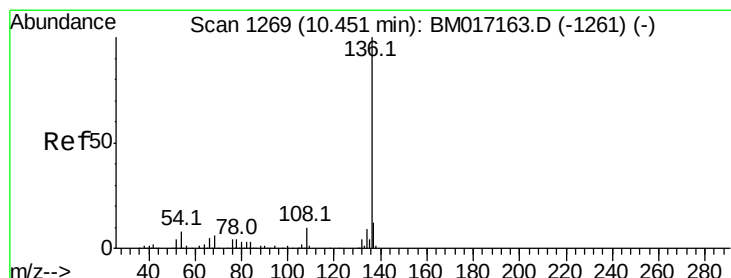
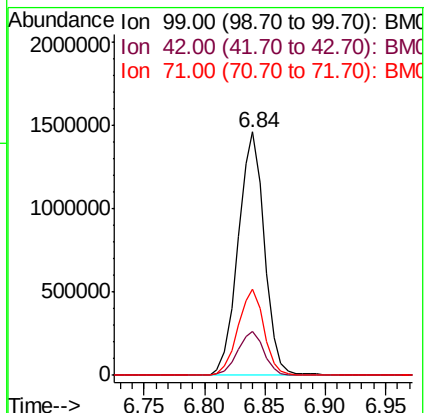
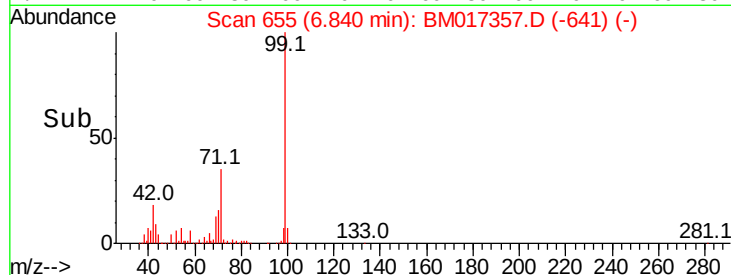
Abundance

Ion 99.00 (98.70 to 99.70): BM017163.D (-650) (-)

2000000

Ion 42.00 (41.70 to 42.70): BM017163.D (-650) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-650) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1265

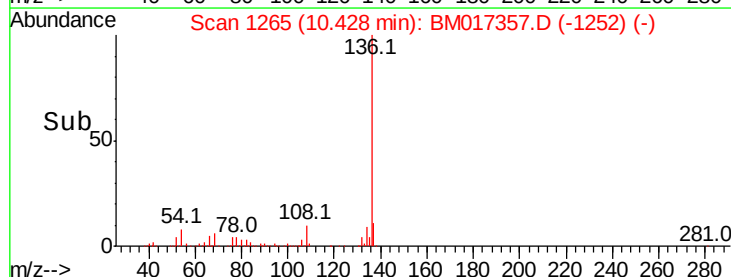
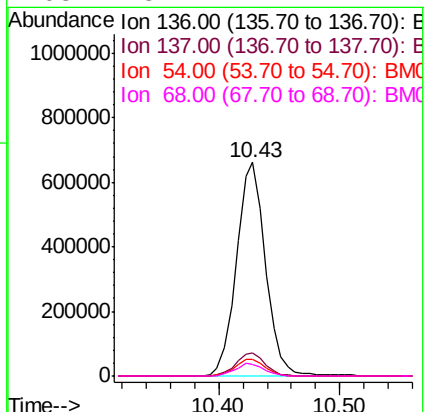
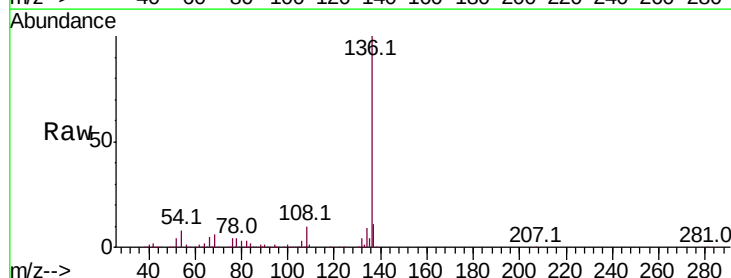
Delta R.T. -0.02 min

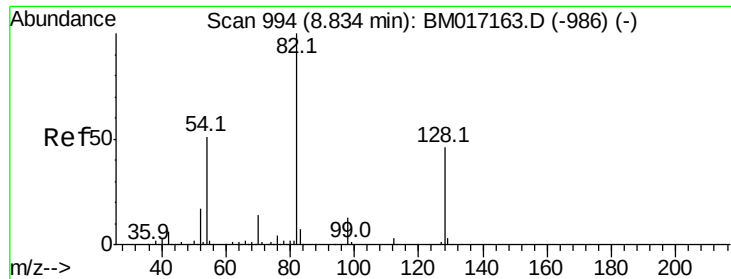
Lab File: BM017357.D

Acq: 26 Oct 2018 20:35

Tgt Ion: 136 Resp: 1109586

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	8.0	6.7	10.1
68	5.7	4.7	7.1

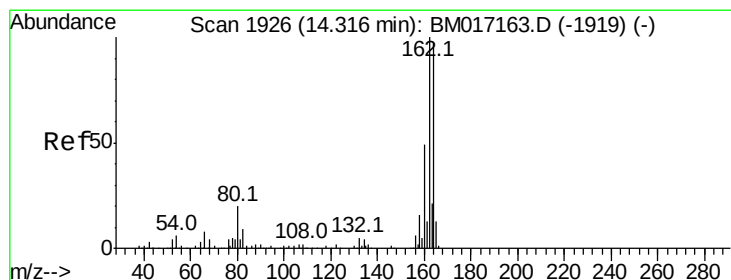
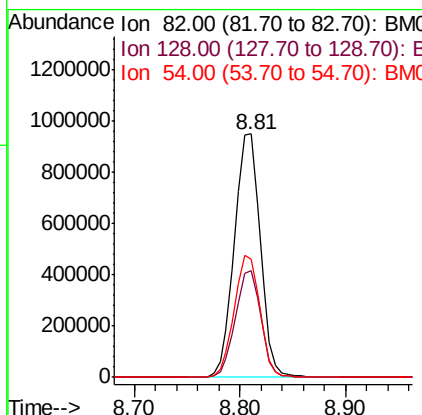
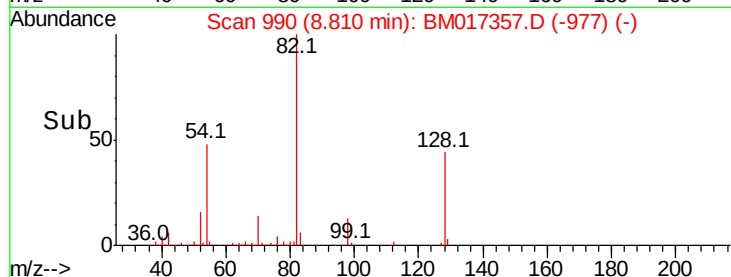
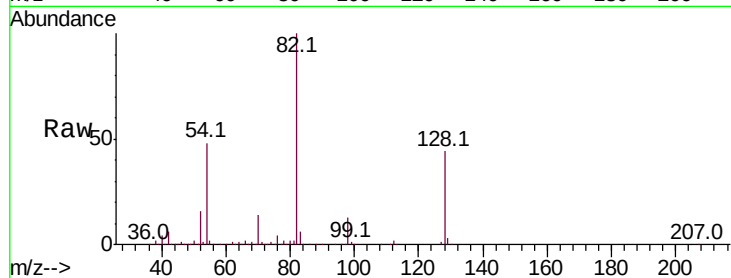




#23
Nitrobenzene-d5
Concen: 85.140 ng
RT: 8.81 min Scan# 990
Delta R.T. -0.02 min
Lab File: BM017357.D
Acq: 26 Oct 2018 20:35

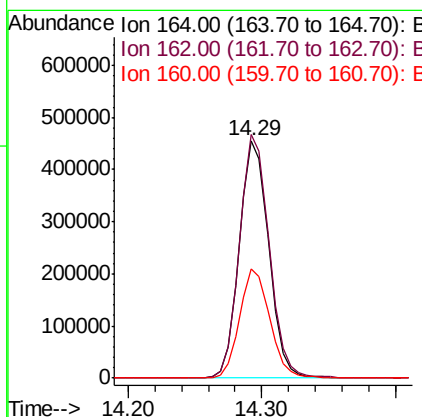
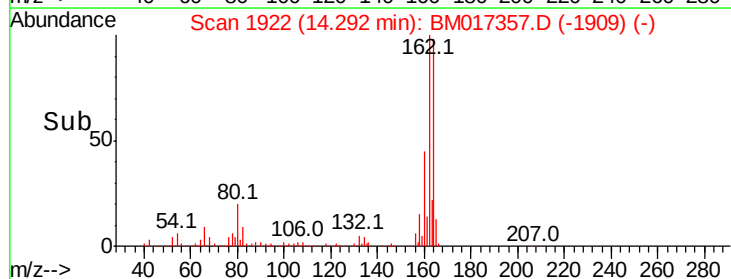
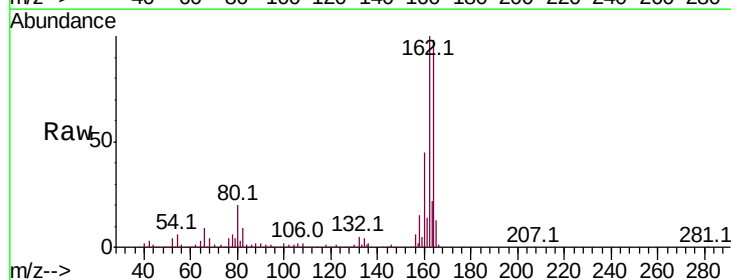
Instrument :
BNA_M
ClientSampleId :
SU-01-102518-B

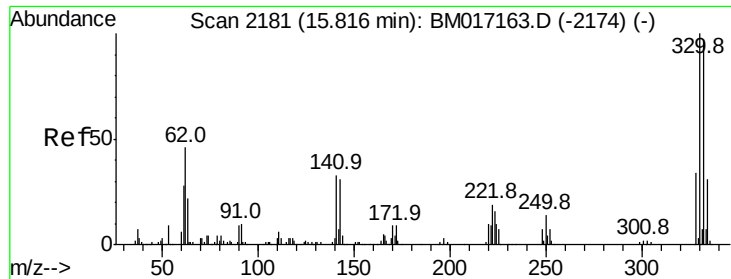
Tot Ion: 82 Resp: 1615273
Ion Ratio Lower Upper
82 100
128 44.0 37.0 55.6
54 48.4 40.7 61.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1922
Delta R.T. -0.02 min
Lab File: BM017357.D
Acq: 26 Oct 2018 20:35

Tgt Ion: 164 Resp: 694014
Ion Ratio Lower Upper
164 100
162 102.6 82.1 123.1
160 45.8 40.2 60.2

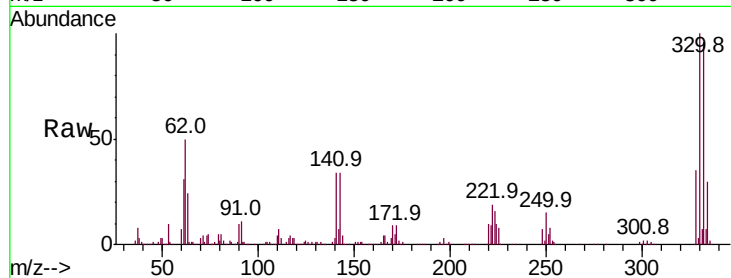




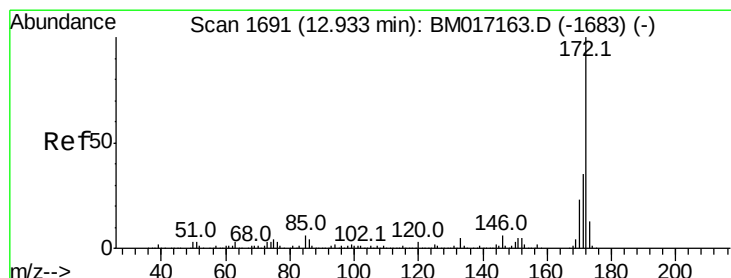
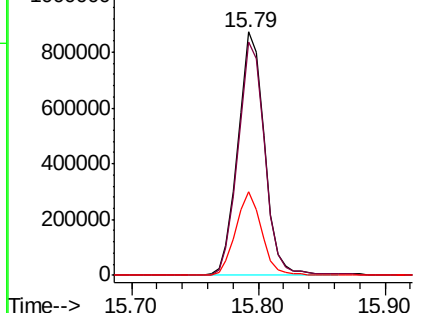
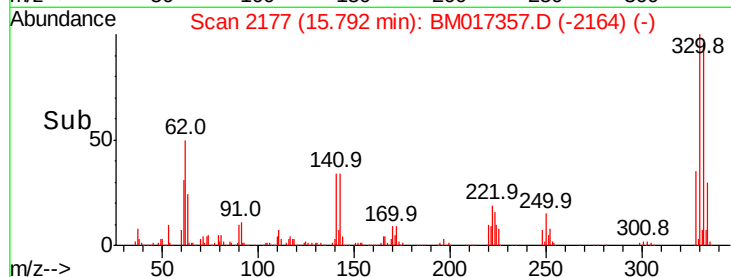
#42
 2,4,6-Tribromophenol
 Concen: 134.880 ng
 RT: 15.79 min Scan# 2177
 Delta R.T. -0.02 min
 Lab File: BM017357.D
 Acq: 26 Oct 2018 20:35

Instrument :
 BNA_M
 ClientSampleId :
 SU-01-102518-B

Tot Ion:330 Resp: 1265917
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.3 115.9
 141 33.4 27.4 41.0

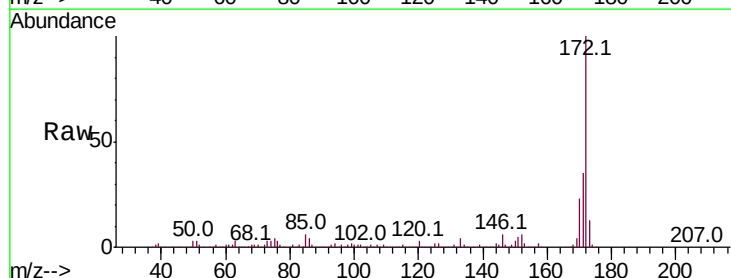


Abundance Ion 329.80 (329.50 to 330.50): E
 1200000 Ion 331.80 (331.50 to 332.50): E
 1000000 Ion 141.00 (140.70 to 141.70): E

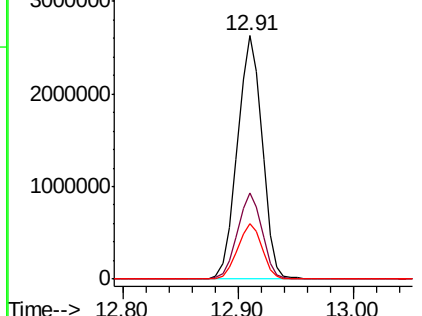
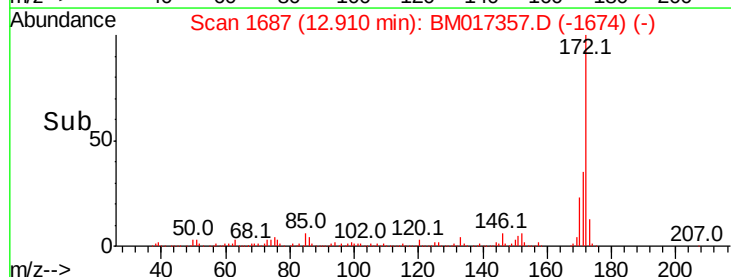


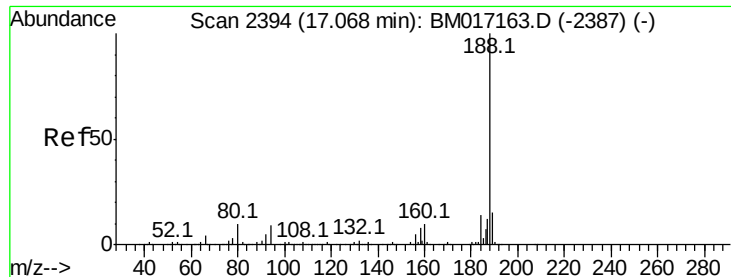
#45
 2-Fluorobiphenyl
 Concen: 75.047 ng
 RT: 12.91 min Scan# 1687
 Delta R.T. -0.02 min
 Lab File: BM017357.D
 Acq: 26 Oct 2018 20:35

Tgt Ion:172 Resp: 3914462
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.3 42.5
 170 22.6 18.3 27.5



Abundance Ion 172.00 (171.70 to 172.70): E
 3000000 Ion 171.00 (170.70 to 171.70): E
 2000000 Ion 170.00 (169.70 to 170.70): E

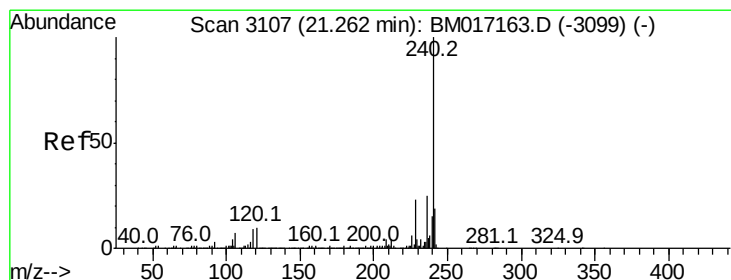
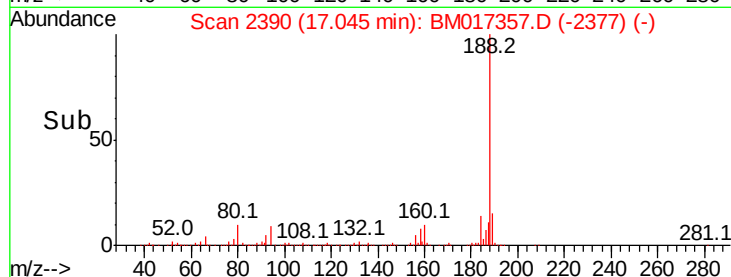
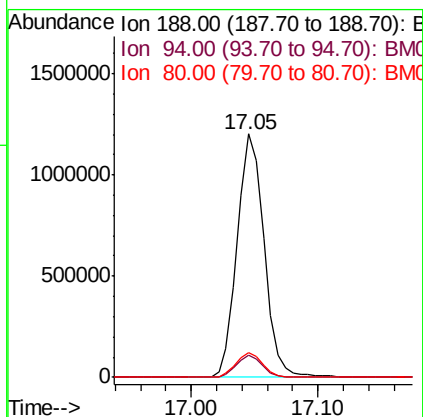
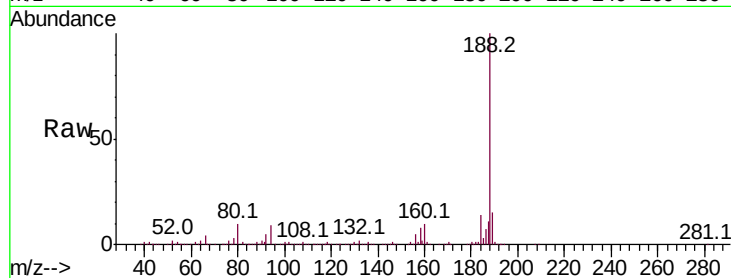




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2390
Delta R.T. -0.02 min
Lab File: BM017357.D
Acq: 26 Oct 2018 20:35

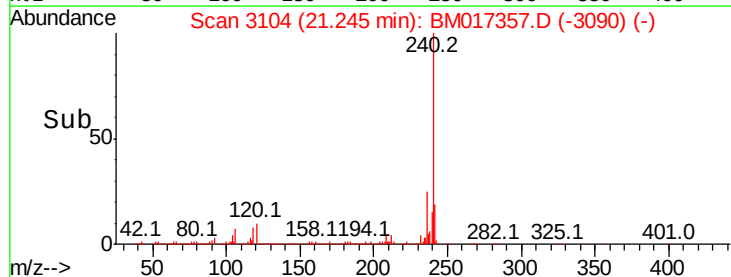
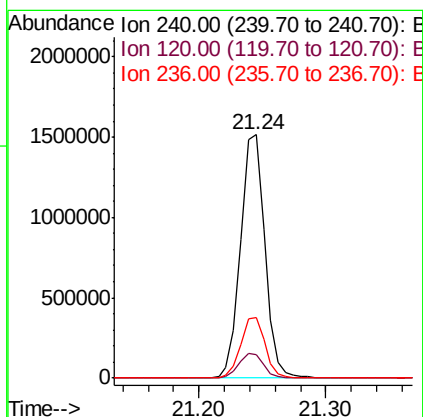
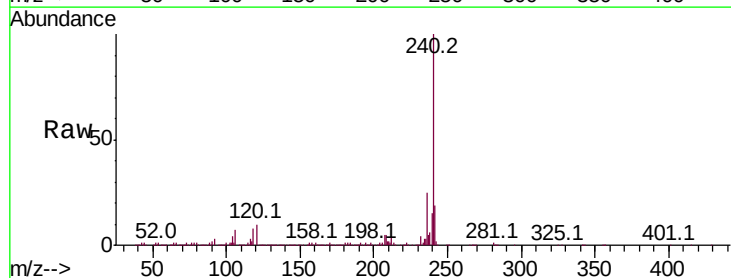
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ClientSampleId :
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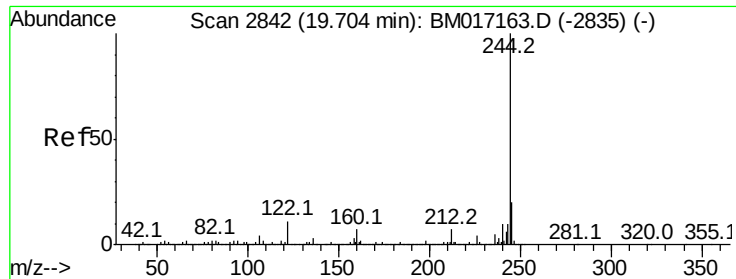
Tot Ion:188 Resp: 1773065
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.4
80 10.4 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.24 min Scan# 3104
Delta R.T. -0.02 min
Lab File: BM017357.D
Acq: 26 Oct 2018 20:35

Tgt Ion:240 Resp: 2015809
Ion Ratio Lower Upper
240 100
120 9.5 8.1 12.1
236 24.8 19.9 29.9





#79

Terphenyl-d14

Concen: 81.300 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BM017357.D

Acq: 26 Oct 2018 20:35

Instrument :

BNA_M

ClientSampleId :

SU-01-102518-B

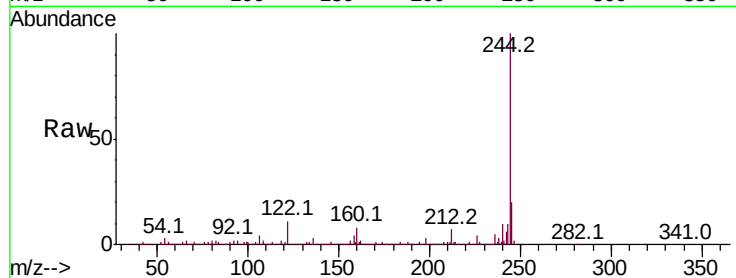
Tot Ion:244 Resp: 7270855

Ion Ratio Lower Upper

244 100

212 7.4 5.5 8.3

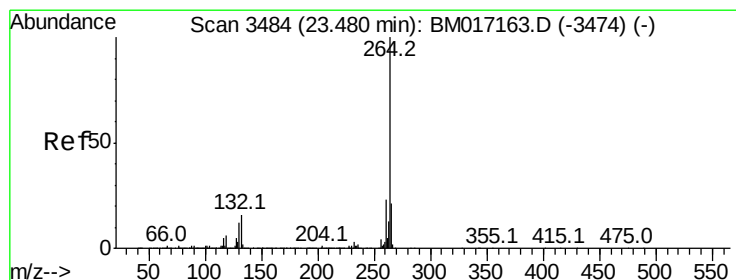
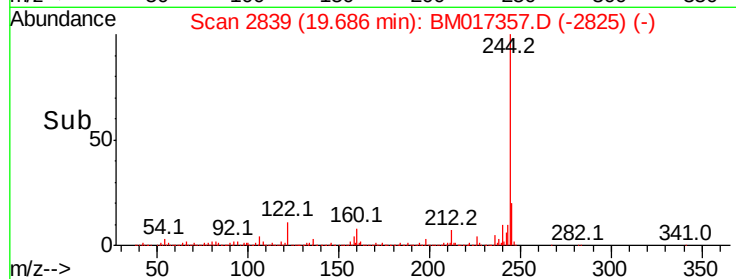
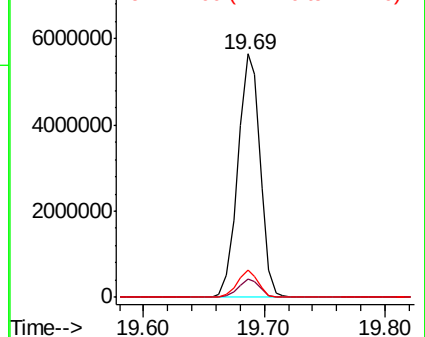
122 11.2 8.4 12.6



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: 23.46 min Scan# 3480

Delta R.T. -0.02 min

Lab File: BM017357.D

Acq: 26 Oct 2018 20:35

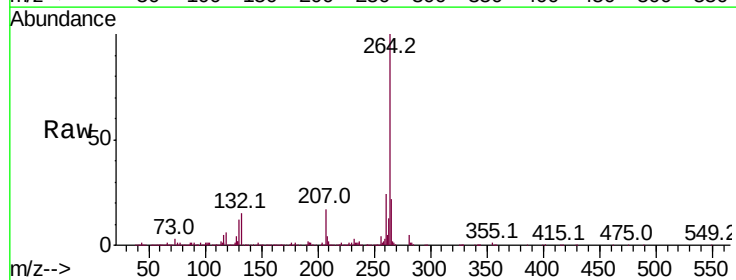
Tgt Ion:264 Resp: 1797197

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 21.6 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

