

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120518\
 Data File : BM017926.D
 Acq On : 05 Dec 2018 06:01
 Operator : JU/SJ
 Sample : J6213-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 113018-TIPC-E-D-M

Quant Time: Dec 05 07:31:30 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	7.58	152	122910	20.00	ng	-0.03
21) Naphthalene-d8	10.35	136	480747	20.00	ng	-0.03
39) Acenaphthene-d10	14.23	164	280887	20.00	ng	-0.03
64) Phenanthrene-d10	16.99	188	620145	20.00	ng	-0.03
76) Chrysene-d12	21.19	240	687360	20.00	ng	-0.02
87) Perylene-d12	23.38	264	739840	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	125827	17.28	ng	-0.03
7) Phenol-d6	6.78	99	96848	9.52	ng	-0.03
23) Nitrobenzene-d5	8.73	82	367674	39.48	ng	-0.04
42) 2,4,6-Tribromophenol	15.73	330	168370	41.72	ng	-0.03
45) 2-Fluorobiphenyl	12.84	172	971005	44.85	ng	-0.03
79) Terphenyl-d14	19.63	244	1428199	47.09	ng	-0.02

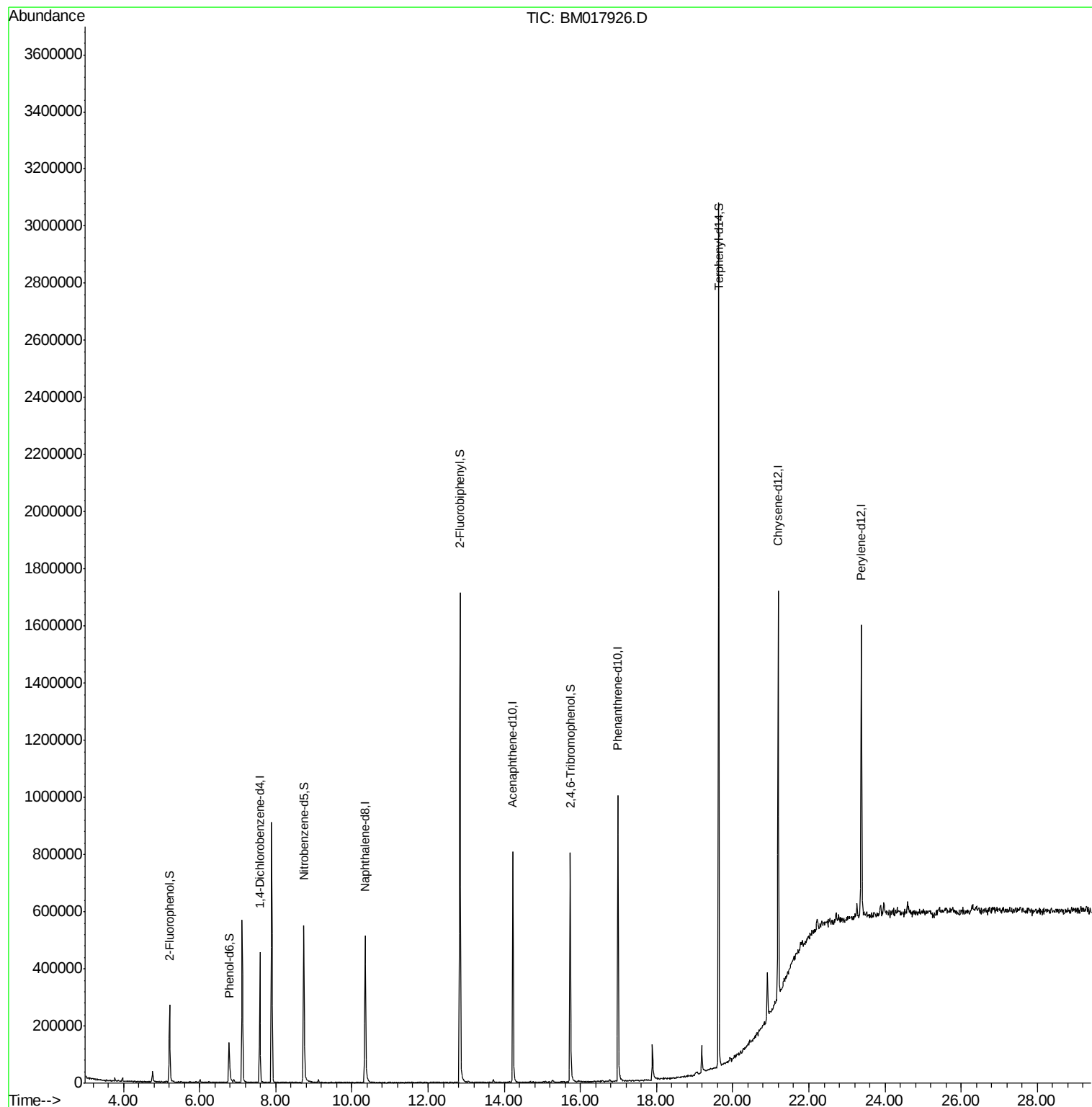
Target Compounds	Qvalue
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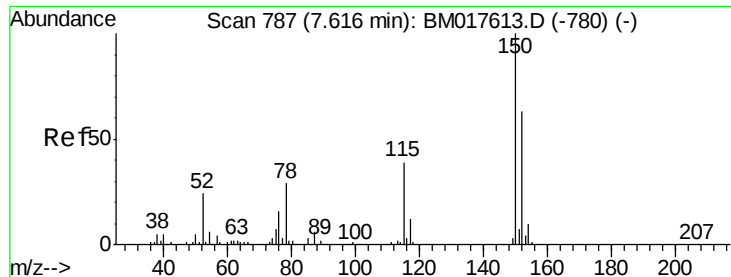
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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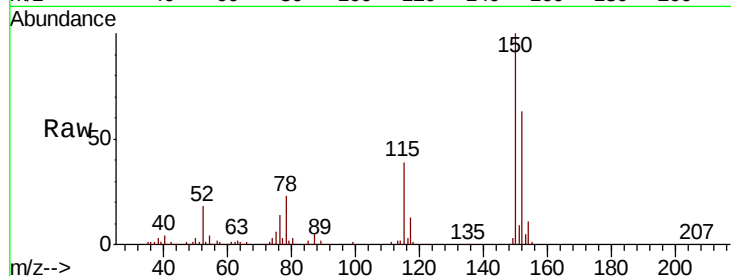


#1

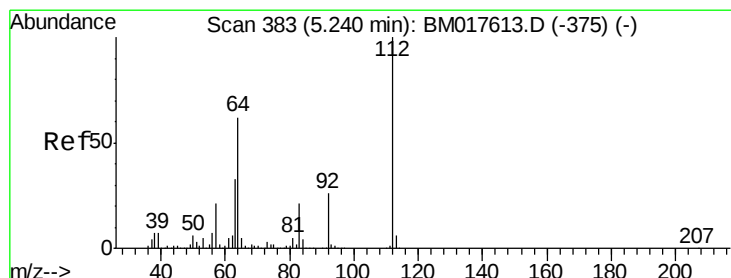
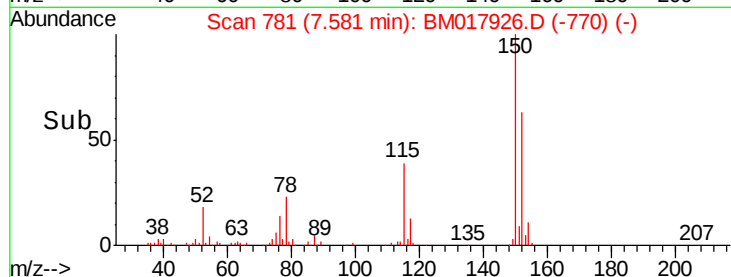
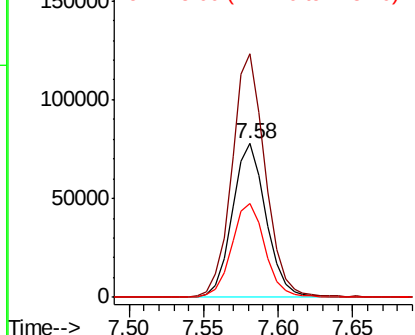
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 781
Delta R.T. -0.03 min
Lab File: BM017926.D
Acq: 05 Dec 2018 06:01

Instrument :
BNA_M
ClientSampleId :
113018-TIPC-E-D-M

Tgt Ion:152 Resp: 122910
Ion Ratio Lower Upper
152 100
150 158.5 126.4 189.6
115 61.2 49.4 74.0



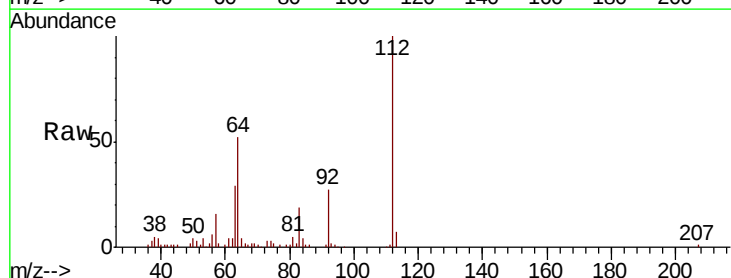
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



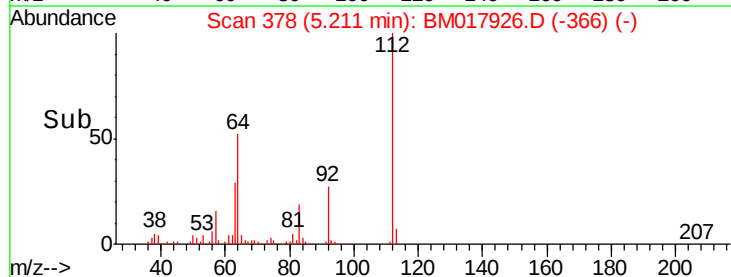
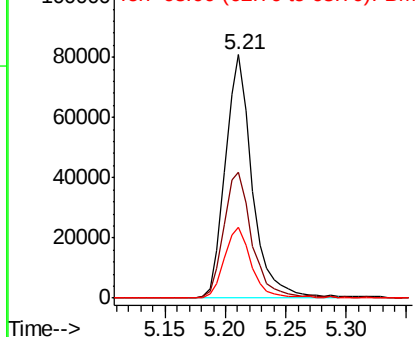
#5

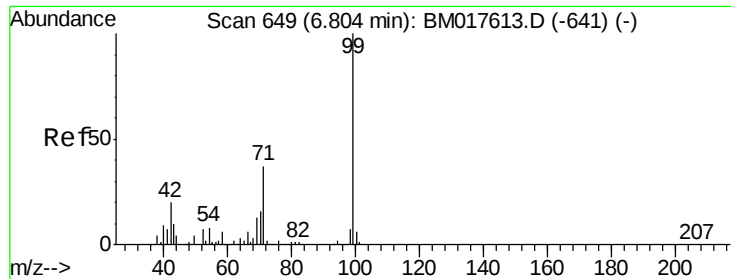
2-Fluorophenol
Concen: 17.277 ng
RT: 5.21 min Scan# 378
Delta R.T. -0.03 min
Lab File: BM017926.D
Acq: 05 Dec 2018 06:01

Tgt Ion:112 Resp: 125827
Ion Ratio Lower Upper
112 100
64 51.8 49.3 73.9
63 28.8 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: 9.521 ng

RT: 6.78 min Scan# 644

Delta R.T. -0.03 min

Lab File: BM017926.D

Acq: 05 Dec 2018 06:01

Instrument :

BNA_M

ClientSampleId :

113018-TIPC-E-D-M

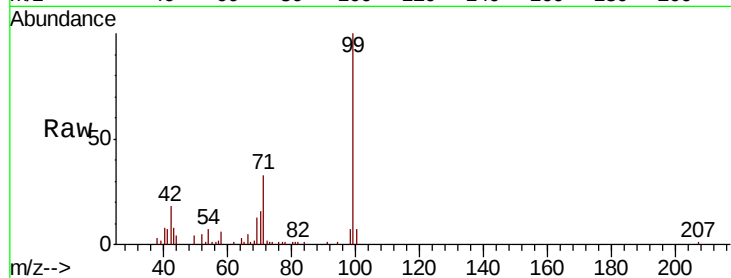
Tgt Ion: 99 Resp: 96848

Ion Ratio Lower Upper

99 100

42 17.7 16.3 24.5

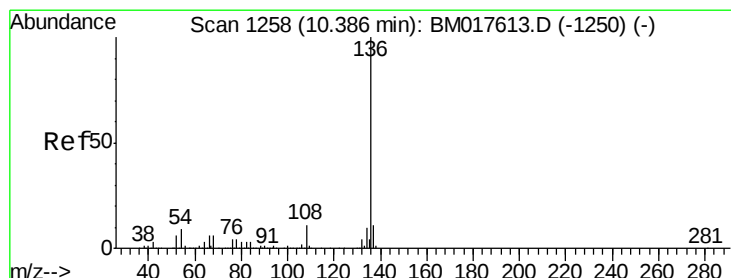
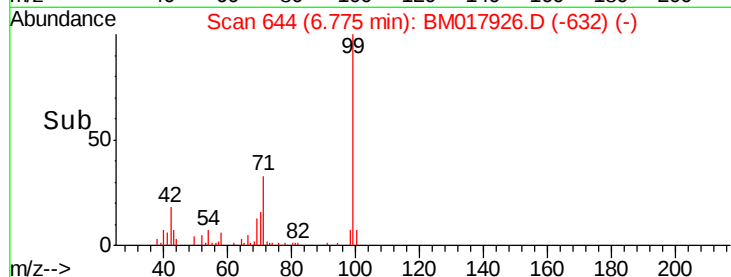
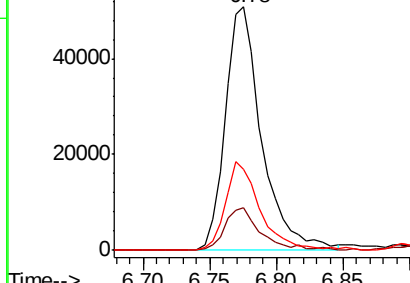
71 33.4 29.8 44.8



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: 10.35 min Scan# 1252

Delta R.T. -0.03 min

Lab File: BM017926.D

Acq: 05 Dec 2018 06:01

Tgt Ion: 136 Resp: 480747

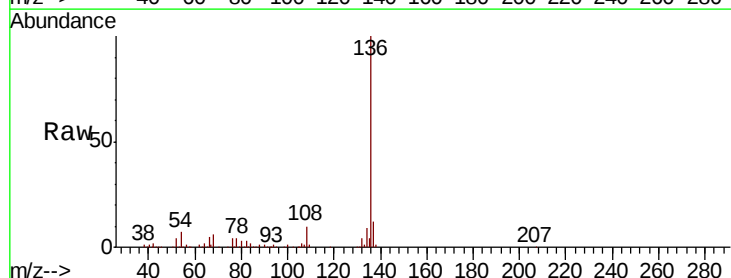
Ion Ratio Lower Upper

136 100

137 11.8 8.6 12.8

54 6.9 7.0 10.6#

68 6.2 4.9 7.3

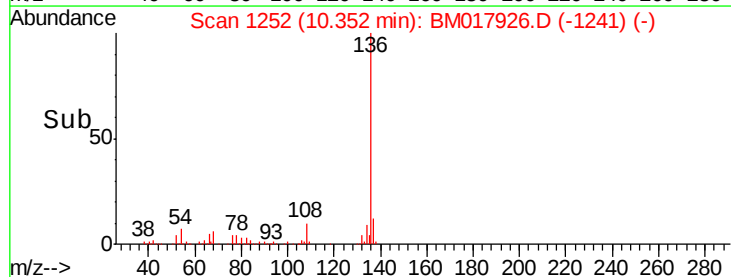
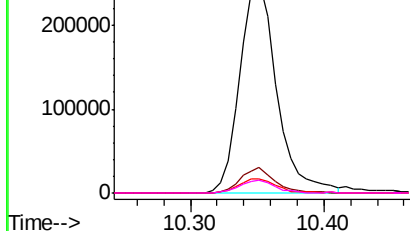


Abundance Ion 136.00 (135.70 to 136.70): BM017613.D (-1250) (-)

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) (-)

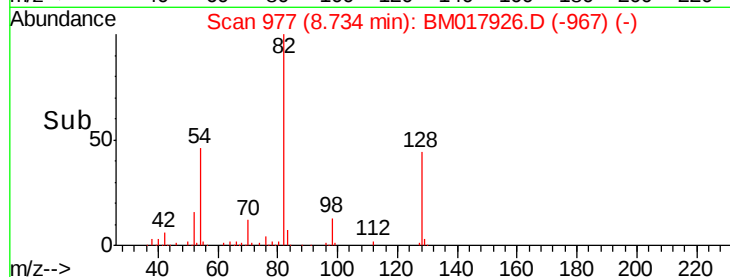
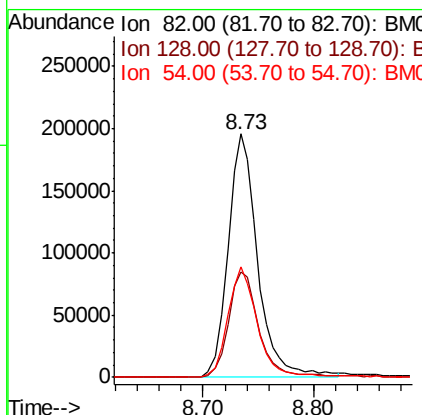
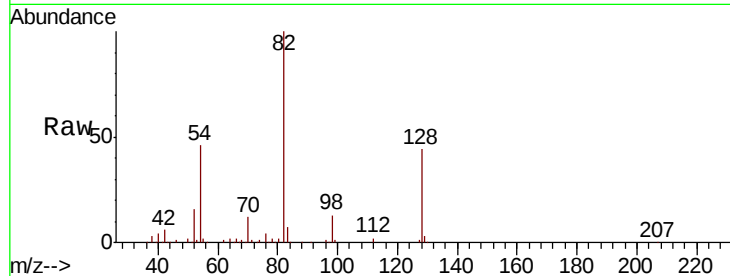




#23
 Nitrobenzene-d5
 Concen: 39.483 ng
 RT: 8.73 min Scan# 977
 Delta R.T. -0.04 min
 Lab File: BM017926.D
 Acq: 05 Dec 2018 06:01

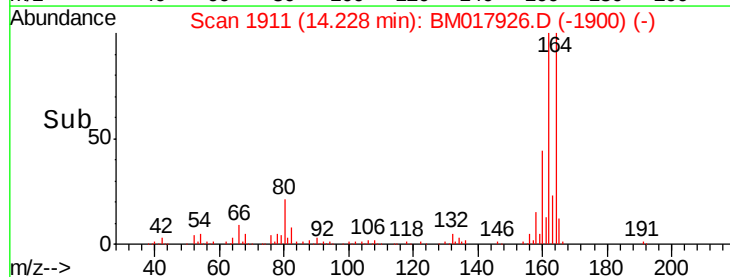
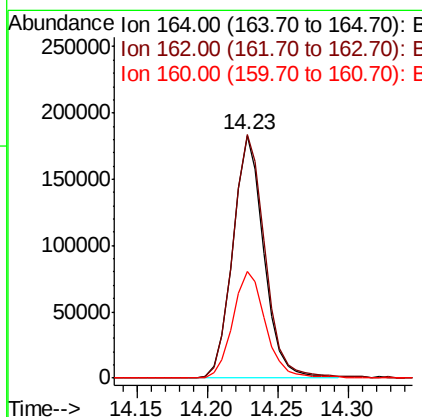
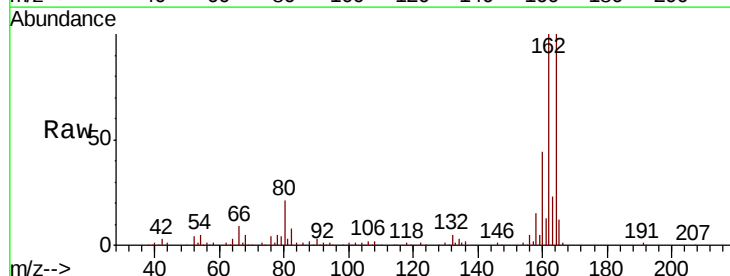
Instrument :
 BNA_M
 ClientSampleId :
 113018-TIPC-E-D-M

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.5	33.0	49.4
54	45.6	41.4	62.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.23 min Scan# 1911
 Delta R.T. -0.03 min
 Lab File: BM017926.D
 Acq: 05 Dec 2018 06:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.4	122.0
160	44.0	35.6	53.4

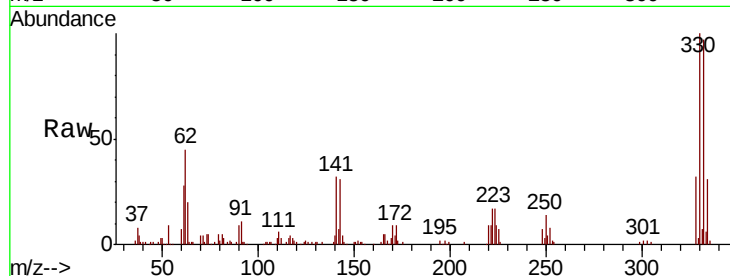




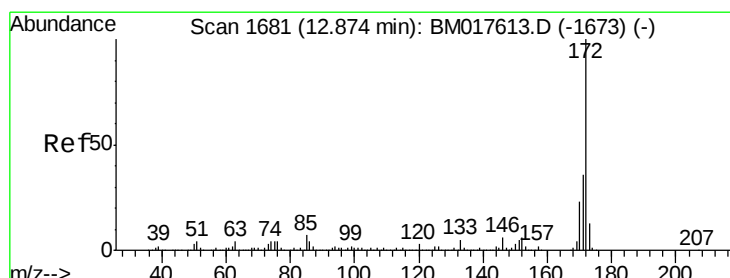
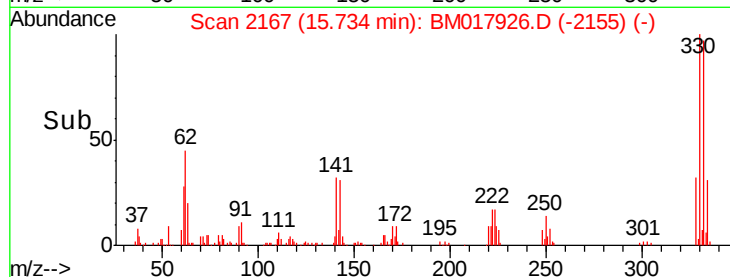
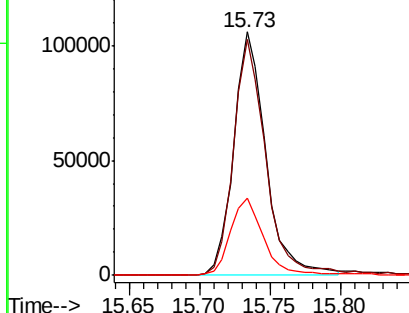
#42
 2,4,6-Tribromophenol
 Concen: 41.718 ng
 RT: 15.73 min Scan# 2167
 Delta R.T. -0.03 min
 Lab File: BM017926.D
 Acq: 05 Dec 2018 06:01

Instrument :
 BNA_M
 ClientSampleId :
 113018-TIPC-E-D-M

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.9	116.9
141	32.5	27.5	41.3

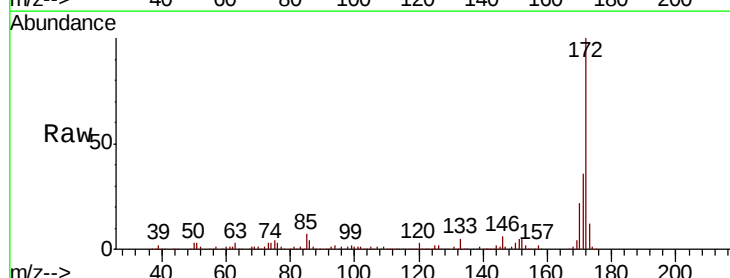


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

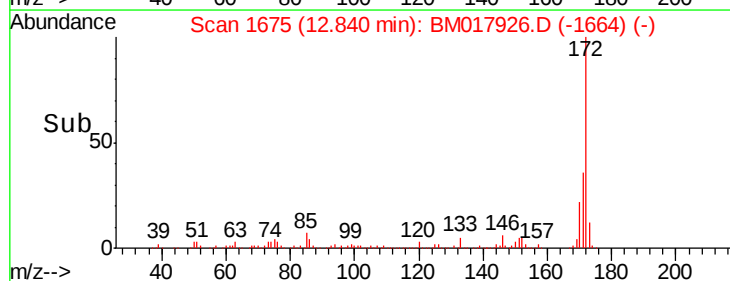
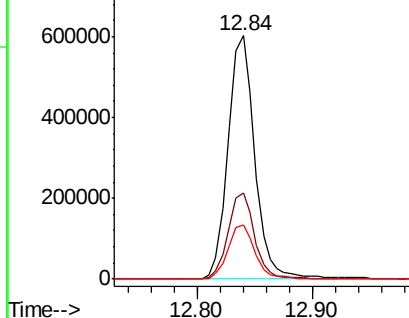


#45
 2-Fluorobiphenyl
 Concen: 44.848 ng
 RT: 12.84 min Scan# 1675
 Delta R.T. -0.03 min
 Lab File: BM017926.D
 Acq: 05 Dec 2018 06:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.7	43.1
170	22.4	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

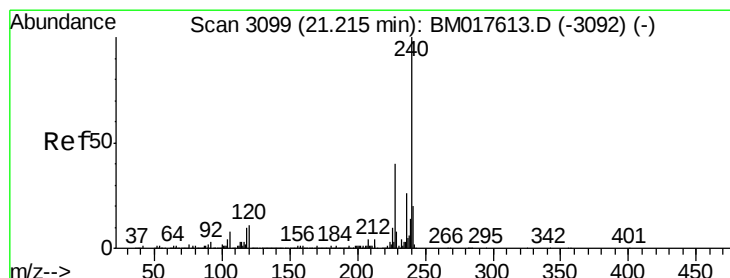
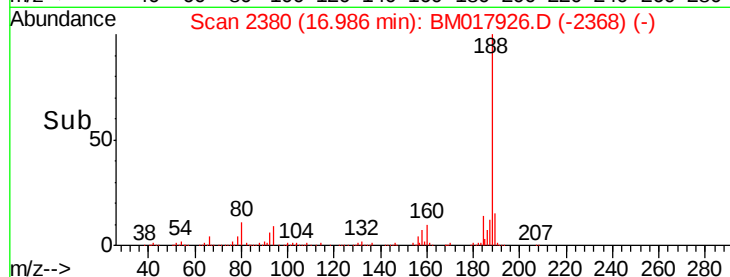
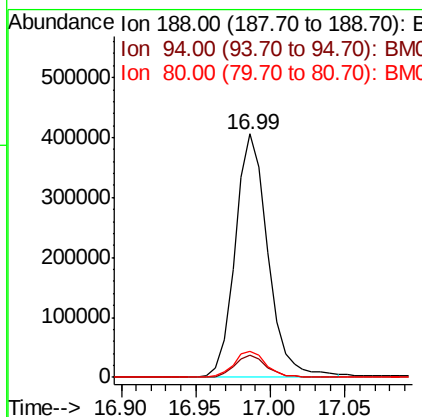
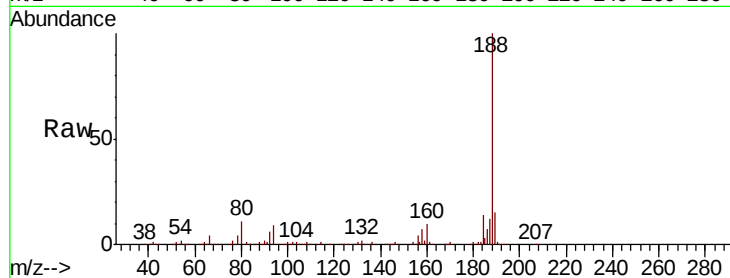




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.03 min
Lab File: BM017926.D
Acq: 05 Dec 2018 06:01

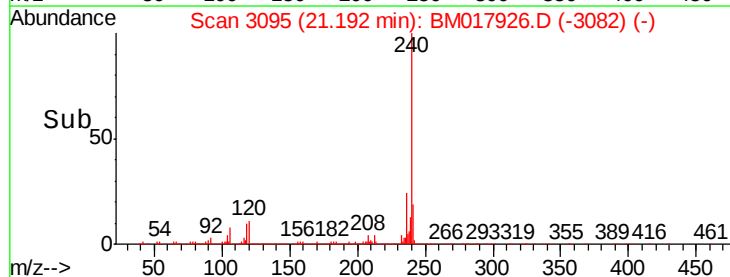
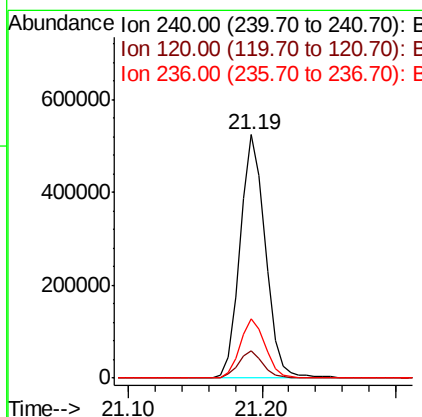
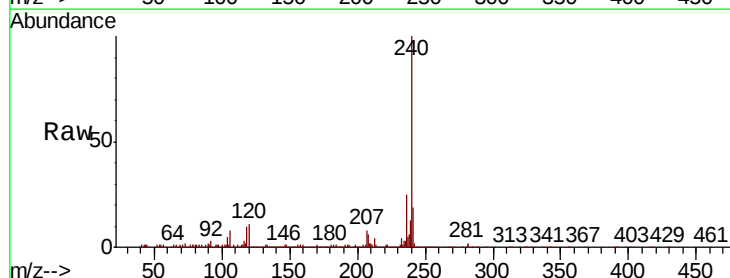
Instrument :
BNA_M
ClientSampleId :
113018-TIPC-E-D-M

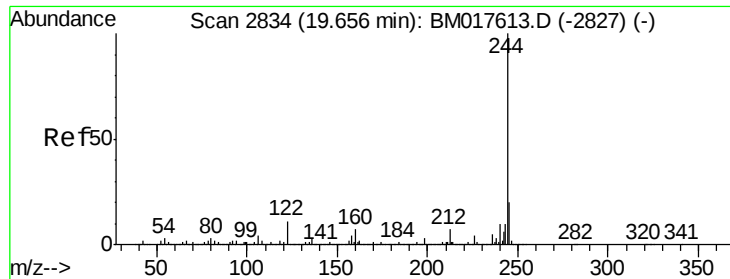
Tgt Ion:188 Resp: 620145
Ion Ratio Lower Upper
188 100
94 9.1 7.5 11.3
80 10.6 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BM017926.D
Acq: 05 Dec 2018 06:01

Tgt Ion:240 Resp: 687360
Ion Ratio Lower Upper
240 100
120 11.1 8.5 12.7
236 24.5 20.4 30.6





#79

Terphenyl-d14

Concen: 47.092 ng

RT: 19.63 min Scan# 2830

Delta R.T. -0.02 min

Lab File: BM017926.D

Acq: 05 Dec 2018 06:01

Instrument :

BNA_M

ClientSampleId :

113018-TIPC-E-D-M

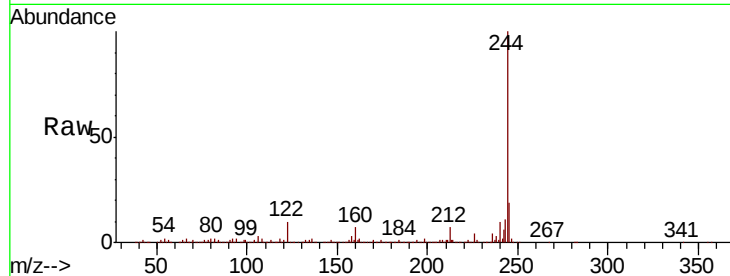
Tgt Ion:244 Resp: 1428199

Ion Ratio Lower Upper

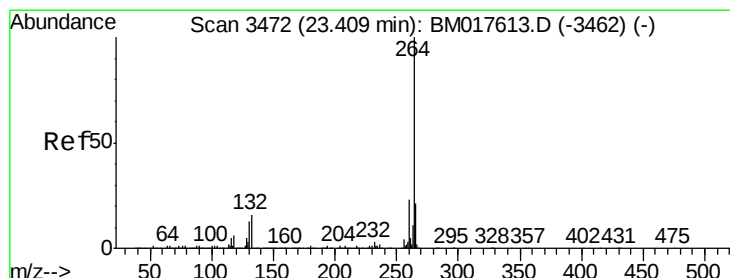
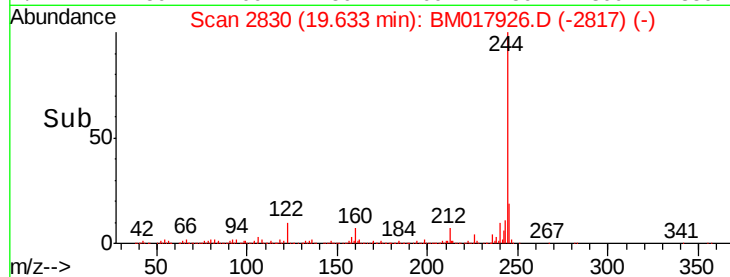
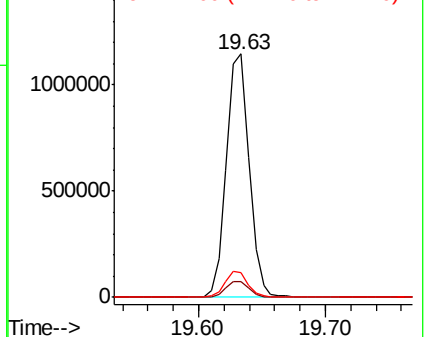
244 100

212 6.5 5.8 8.6

122 10.1 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: 23.38 min Scan# 3467

Delta R.T. -0.03 min

Lab File: BM017926.D

Acq: 05 Dec 2018 06:01

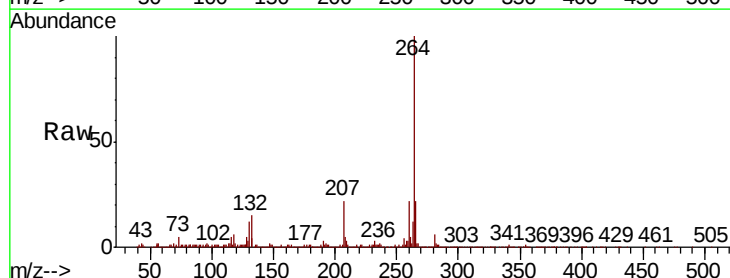
Tgt Ion:264 Resp: 739840

Ion Ratio Lower Upper

264 100

260 22.3 18.2 27.2

265 22.1 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

