

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120518\
 Data File : BM017920.D
 Acq On : 05 Dec 2018 02:26
 Operator : JU/SJ
 Sample : J6128-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 112718-CHDE-F-D-M

Quant Time: Dec 05 04:55:05 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	265057	20.00	ng	-0.04
21) Naphthalene-d8	10.35	136	1060144	20.00	ng	-0.04
39) Acenaphthene-d10	14.23	164	530090	20.00	ng	-0.03
64) Phenanthrene-d10	16.99	188	945205	20.00	ng	-0.02
76) Chrysene-d12	21.20	240	857689	20.00	ng	-0.02
87) Perylene-d12	23.39	264	938191	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	532283	33.89	ng	-0.02
7) Phenol-d6	6.78	99	418915	19.10	ng	-0.03
23) Nitrobenzene-d5	8.74	82	1575969	76.74	ng	-0.04
42) 2,4,6-Tribromophenol	15.73	330	506563	66.51	ng	-0.03
45) 2-Fluorobiphenyl	12.85	172	3708922	90.77	ng	-0.03
79) Terphenyl-d14	19.64	244	3314939	87.60	ng	-0.02

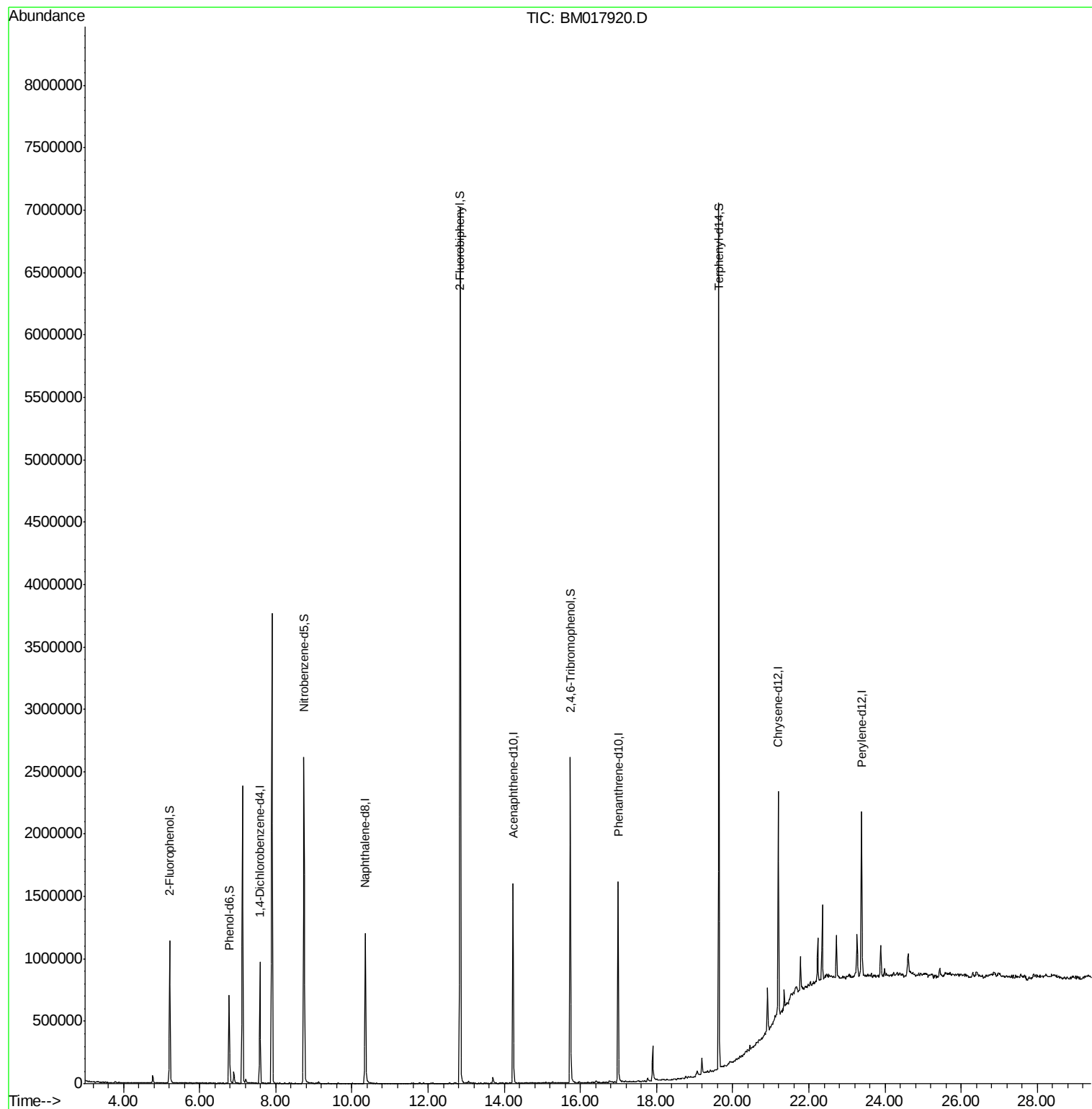
Target Compounds Qvalue

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

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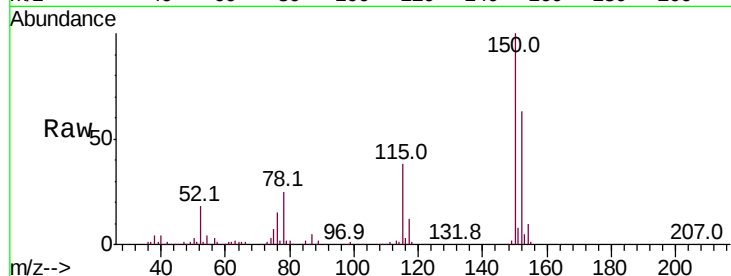


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM017920.D
Acq: 05 Dec 2018 02:26

Instrument :
BNA_M
ClientSampleId :
112718-CHDE-F-D-M

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.4	189.6
115	60.0	49.4	74.0

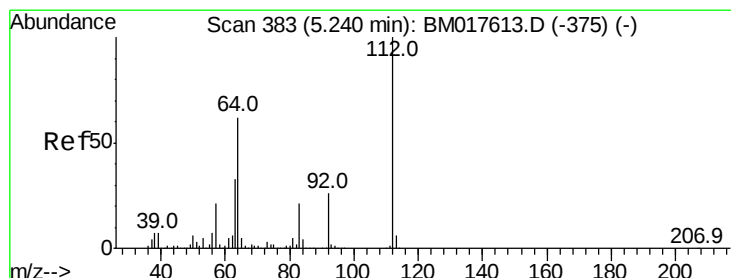
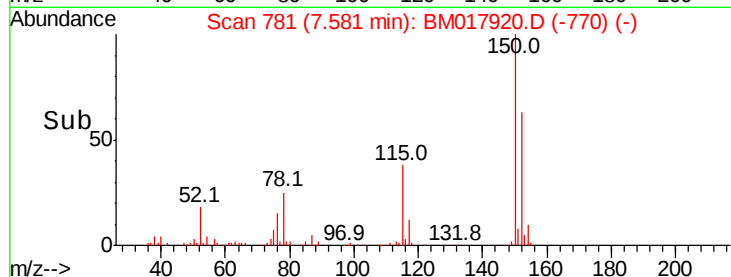
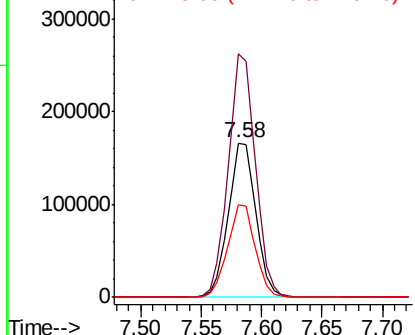


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

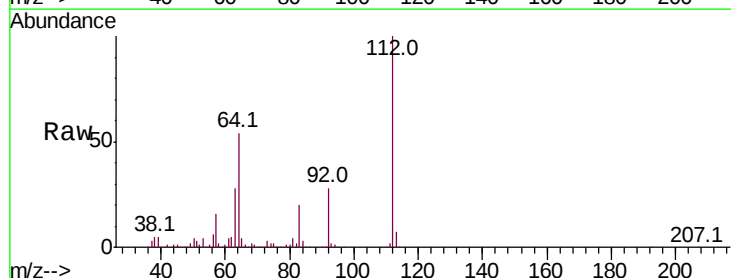
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 33.891 ng
RT: 5.22 min Scan# 379
Delta R.T. -0.02 min
Lab File: BM017920.D
Acq: 05 Dec 2018 02:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	49.3	73.9
63	27.8	26.2	39.4

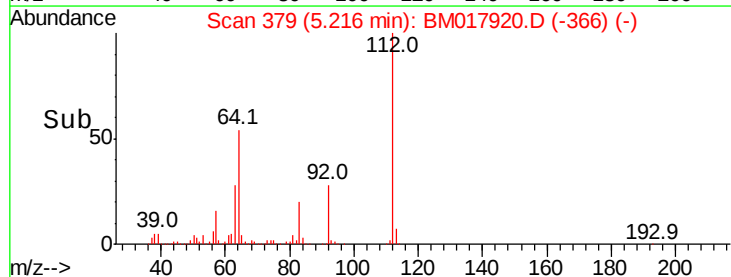
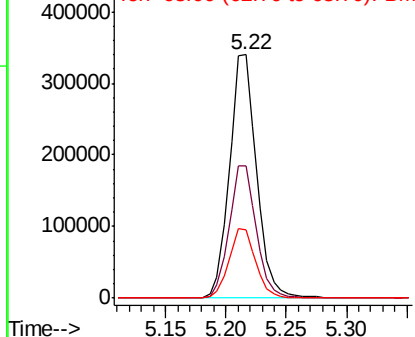


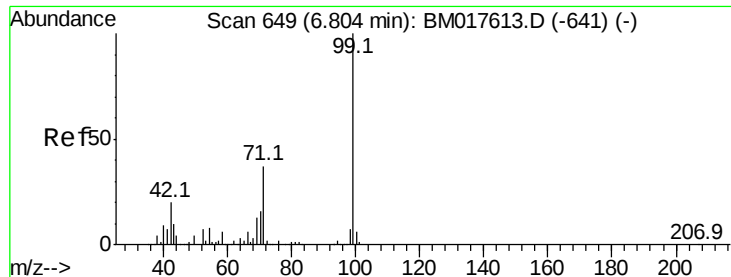
Abundance

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: 19.098 ng

RT: 6.78 min Scan# 644

Delta R.T. -0.03 min

Lab File: BM017920.D

Acq: 05 Dec 2018 02:26

Instrument :

BNA_M

ClientSampleId :

112718-CHDE-F-D-M

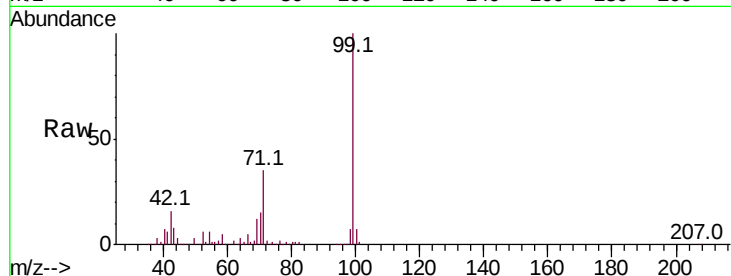
Tot Ion: 99 Resp: 418915

Ion Ratio Lower Upper

99 100

42 15.9 16.3 24.5#

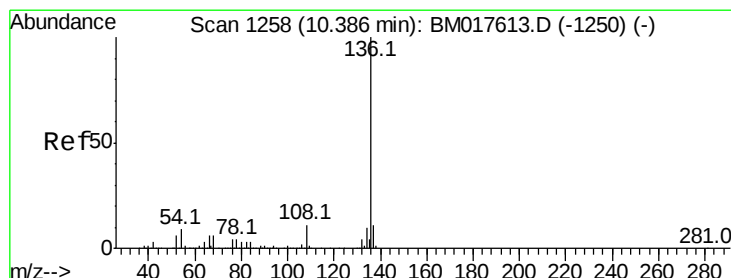
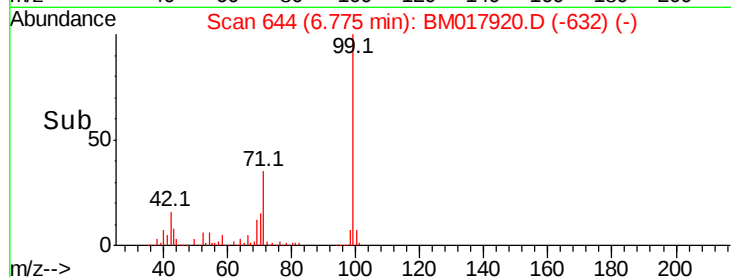
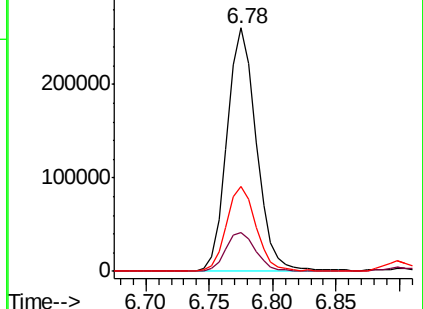
71 35.0 29.8 44.8



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: 10.35 min Scan# 1252

Delta R.T. -0.04 min

Lab File: BM017920.D

Acq: 05 Dec 2018 02:26

Tgt Ion: 136 Resp: 1060144

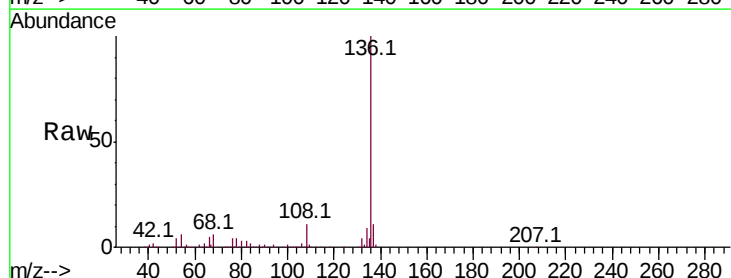
Ion Ratio Lower Upper

136 100

137 10.5 8.6 12.8

54 6.1 7.0 10.6#

68 5.7 4.9 7.3

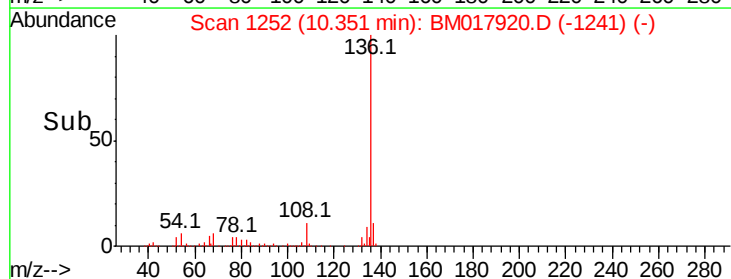
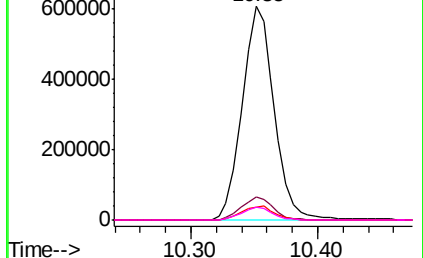


Abundance Ion 136.00 (135.70 to 136.70): BM017613.D (-1250) (-)

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) (-)

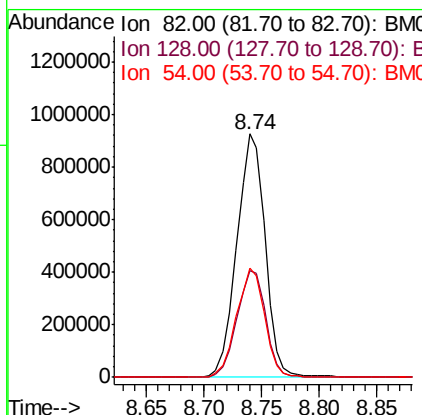
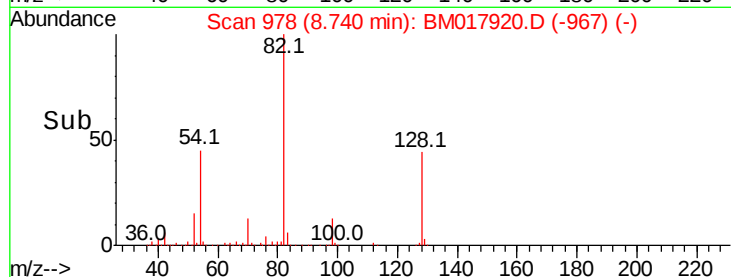
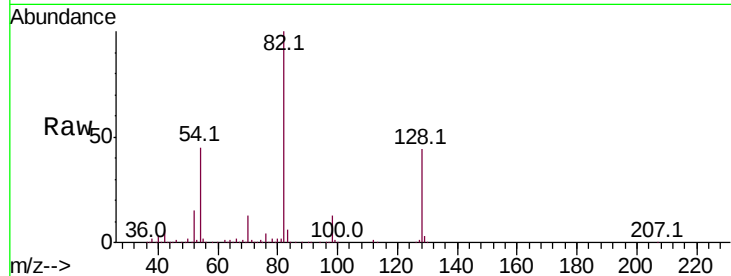




#23
Nitrobenzene-d5
Concen: 76.744 ng
RT: 8.74 min Scan# 978
Delta R.T. -0.04 min
Lab File: BM017920.D
Acq: 05 Dec 2018 02:26

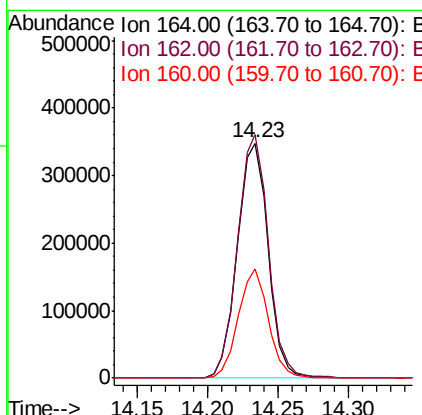
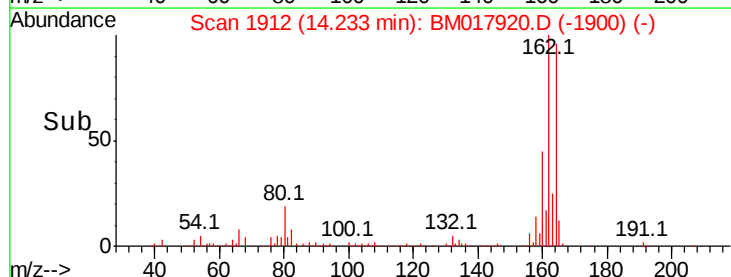
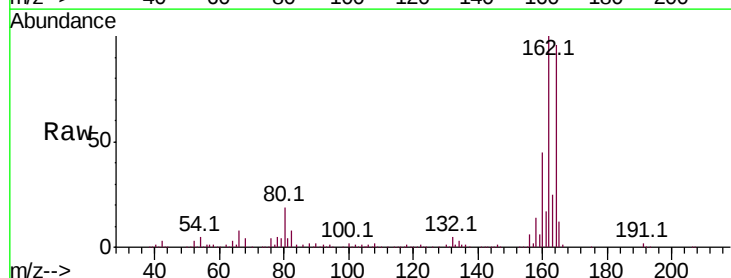
Instrument :
BNA_M
ClientSampleId :
112718-CHDE-F-D-M

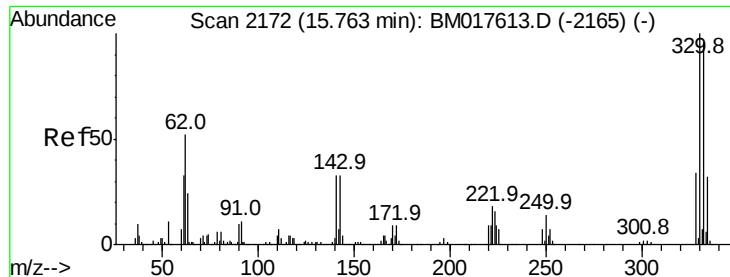
Tot Ion: 82 Resp: 1575969
Ion Ratio Lower Upper
82 100
128 44.0 33.0 49.4
54 44.9 41.4 62.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1912
Delta R.T. -0.03 min
Lab File: BM017920.D
Acq: 05 Dec 2018 02:26

Tgt Ion:164 Resp: 530090
Ion Ratio Lower Upper
164 100
162 103.6 81.4 122.0
160 46.3 35.6 53.4

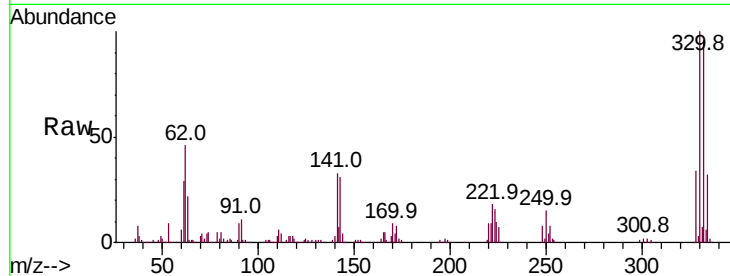




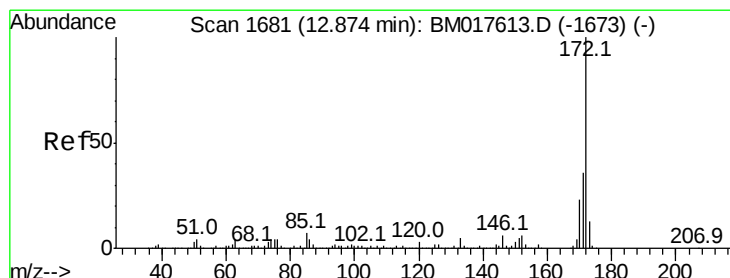
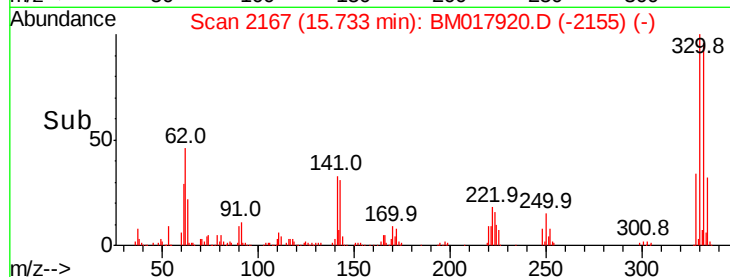
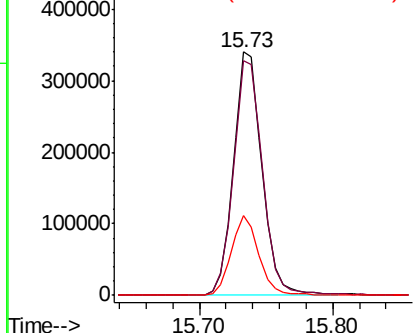
#42
 2,4,6-Tribromophenol
 Concen: 66.507 ng
 RT: 15.73 min Scan# 2167
 Delta R.T. -0.03 min
 Lab File: BM017920.D
 Acq: 05 Dec 2018 02:26

Instrument :
 BNA_M
 ClientSampleId :
 112718-CHDE-F-D-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.9	116.9
141	31.9	27.5	41.3

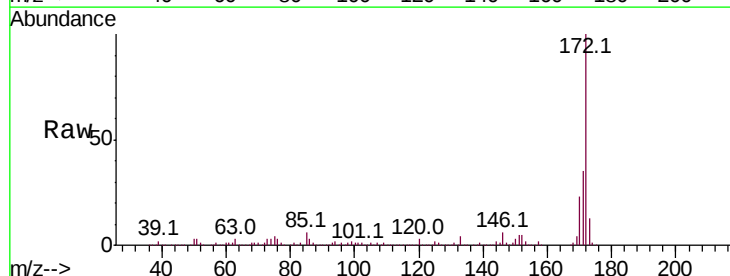


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

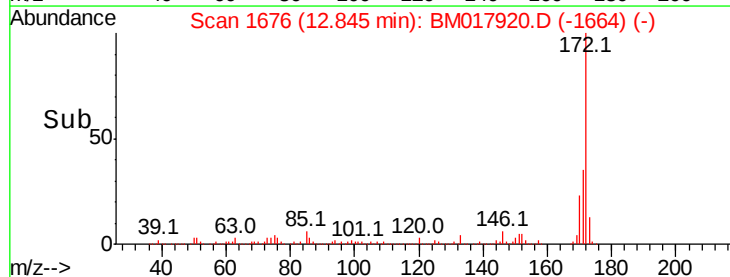
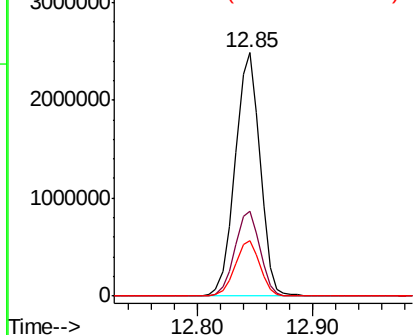


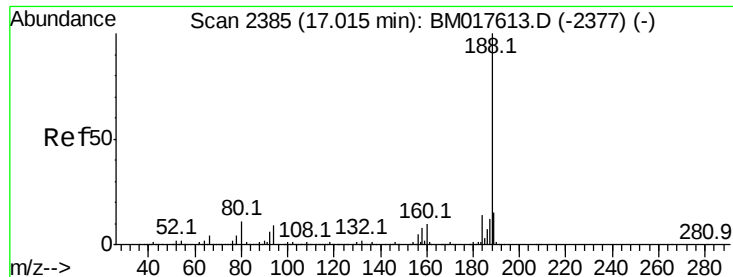
#45
 2-Fluorobiphenyl
 Concen: 90.772 ng
 RT: 12.85 min Scan# 1676
 Delta R.T. -0.03 min
 Lab File: BM017920.D
 Acq: 05 Dec 2018 02:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.7	43.1
170	22.7	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# 2381

Delta R.T. -0.02 min

Lab File: BM017920.D

Acq: 05 Dec 2018 02:26

Instrument :

BNA_M

ClientSampleId :

112718-CHDE-F-D-M

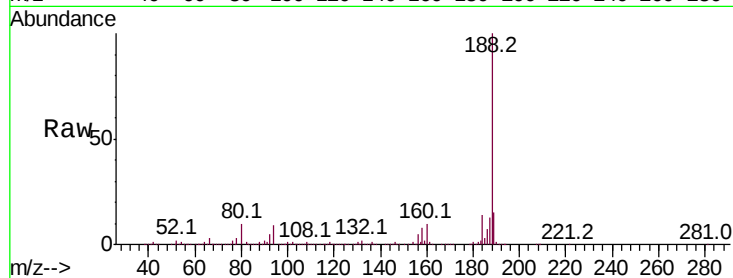
Tot Ion:188 Resp: 945205

Ion Ratio Lower Upper

188 100

94 8.8 7.5 11.3

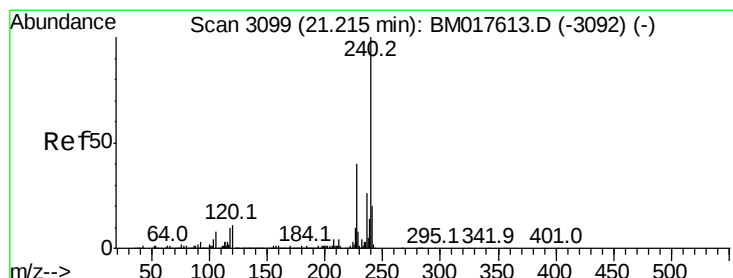
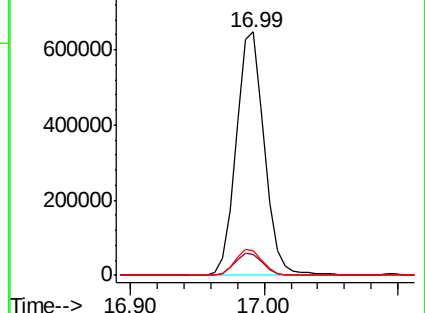
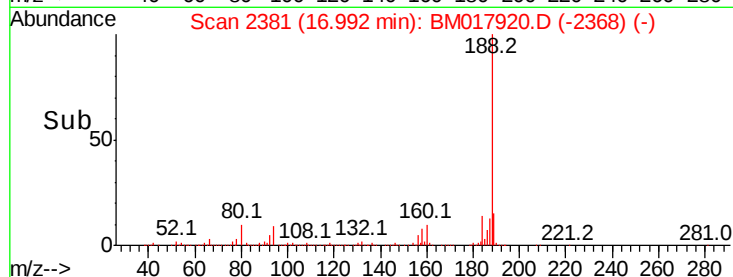
80 10.1 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.20 min Scan# 3096

Delta R.T. -0.02 min

Lab File: BM017920.D

Acq: 05 Dec 2018 02:26

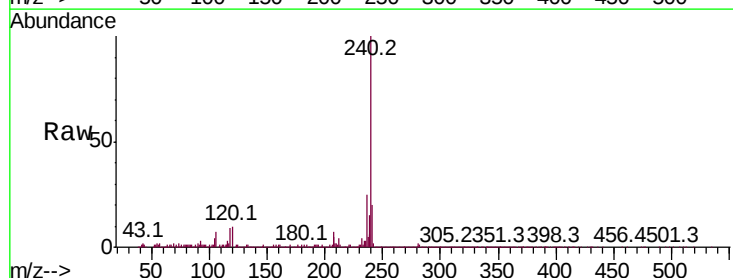
Tgt Ion:240 Resp: 857689

Ion Ratio Lower Upper

240 100

120 10.0 8.5 12.7

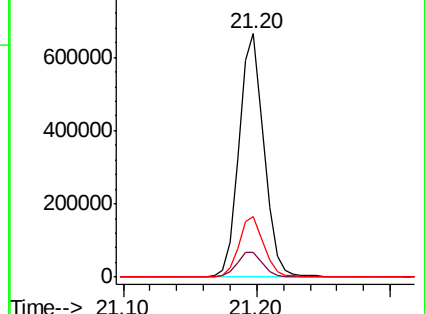
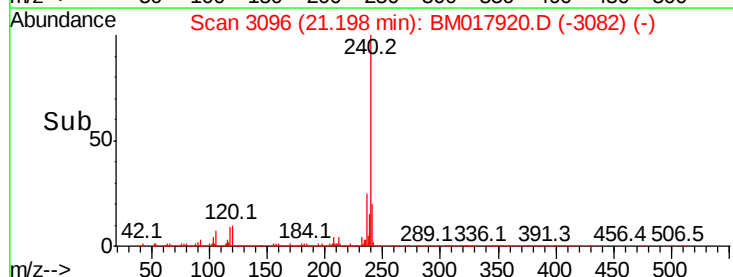
236 24.8 20.4 30.6

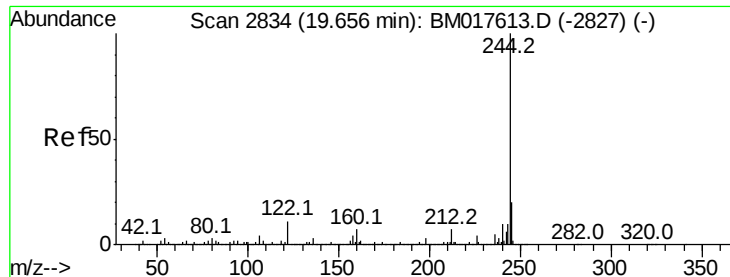


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



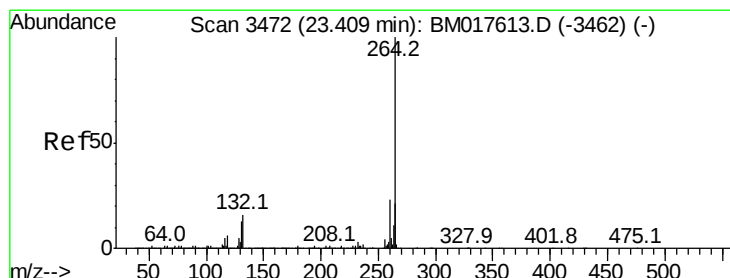
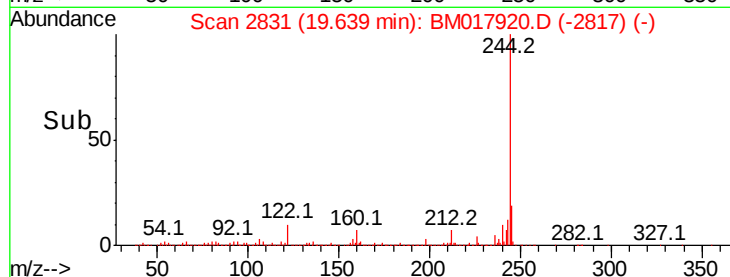
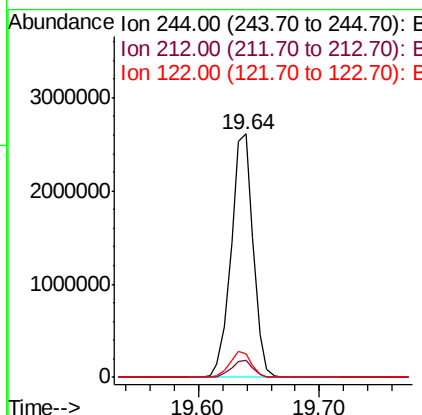
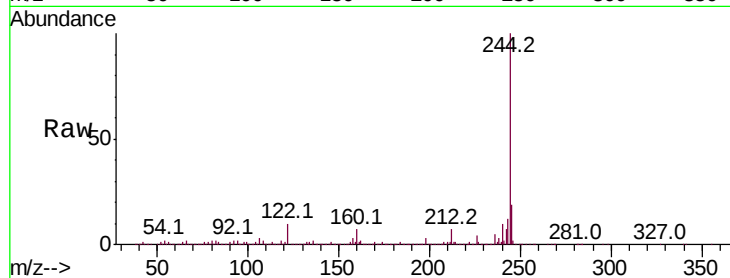


#79
 Terphenyl-d14
 Concen: 87.596 ng
 RT: 19.64 min Scan# 2831
 Delta R.T. -0.02 min
 Lab File: BM017920.D
 Acq: 05 Dec 2018 02:26

Instrument :
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Tot Ion:244 Resp: 3314939

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	9.6	9.0	13.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.39 min Scan# 3468
 Delta R.T. -0.02 min
 Lab File: BM017920.D
 Acq: 05 Dec 2018 02:26

Tgt Ion:264 Resp: 938191

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.2
265	21.8	17.5	26.3

