

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM042219\
 Data File : BM020014.D
 Acq On : 22 Apr 2019 20:06
 Operator : JU/SJ
 Sample : K2201-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PL-01-041819-A

Quant Time: Apr 23 02:04:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 00:56:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	110820	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	369406	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	205944	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	443596	20.00	ng	0.00
76) Chrysene-d12	21.16	240	416289	20.00	ng	0.00
87) Perylene-d12	23.35	264	468137	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	788871	115.37	ng	-0.01
7) Phenol-d6	6.70	99	856851	83.26	ng	-0.01
23) Nitrobenzene-d5	8.67	82	779412	94.36	ng	-0.01
42) 2,4,6-Tribromophenol	15.69	330	416361	125.59	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	1577723	95.47	ng	-0.01
79) Terphenyl-d14	19.59	244	2560937	108.51	ng	0.00

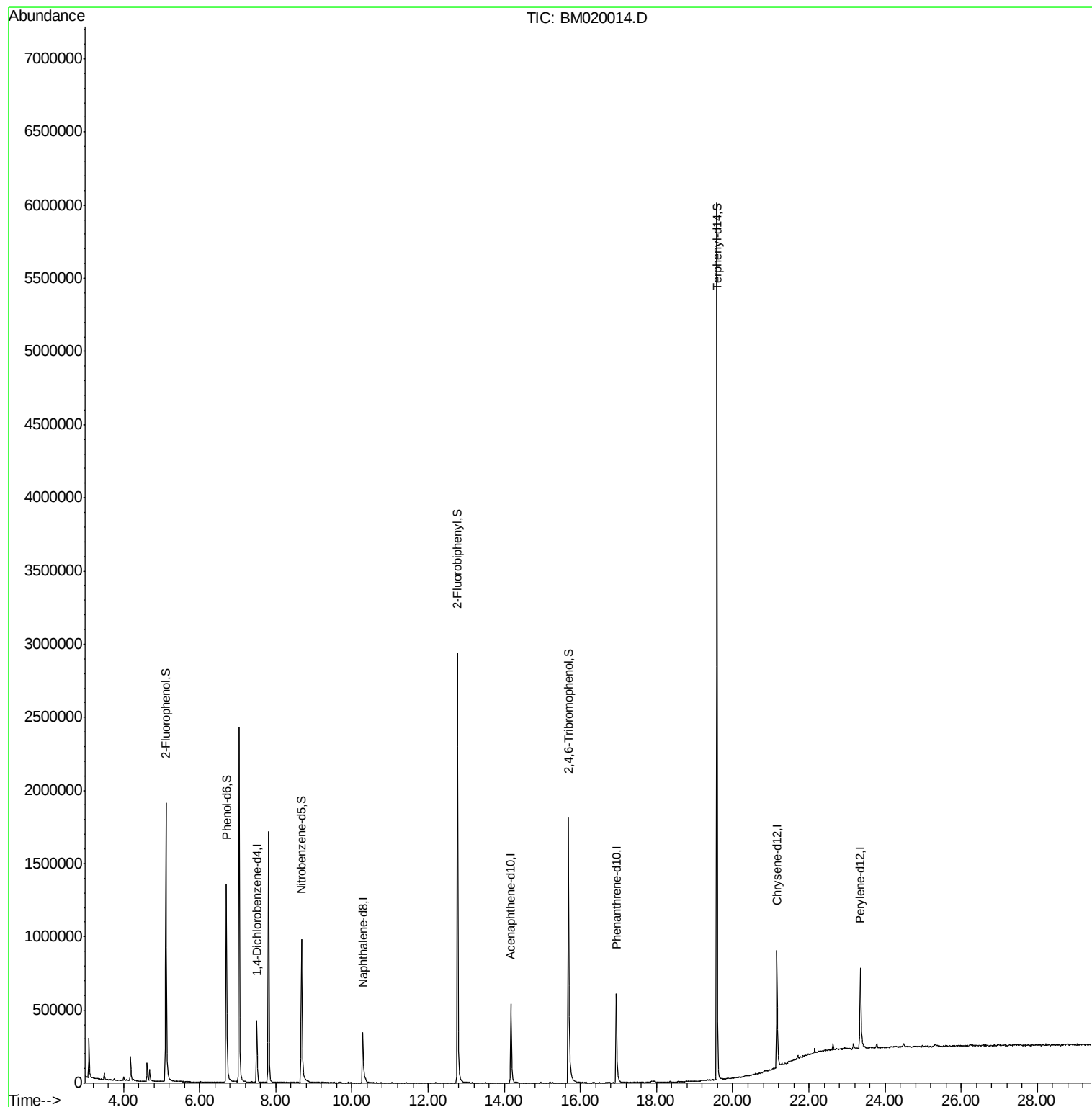
Target Compounds	Qvalue
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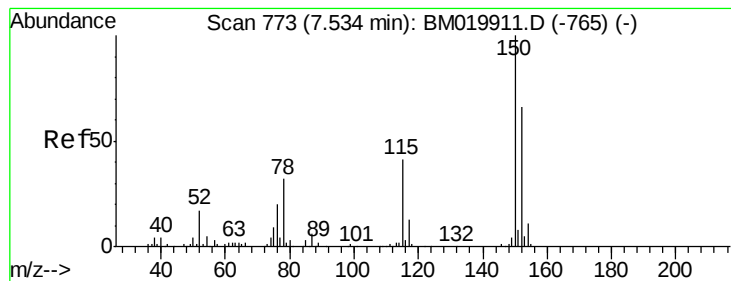
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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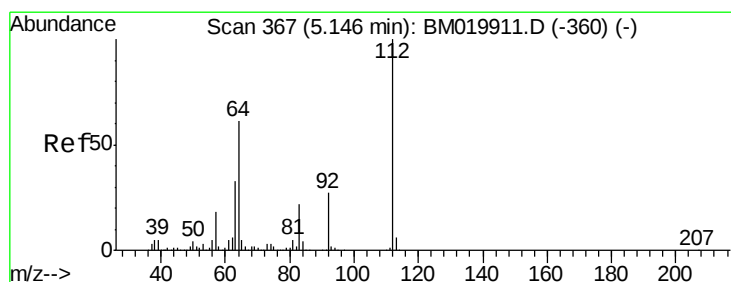
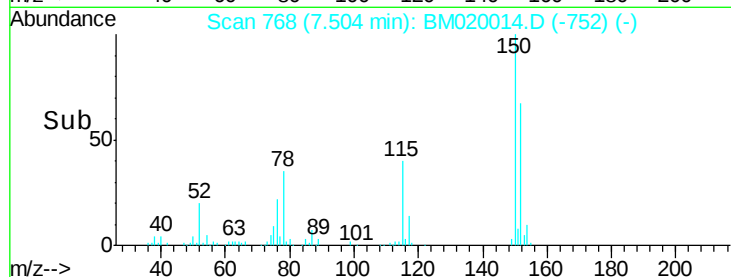
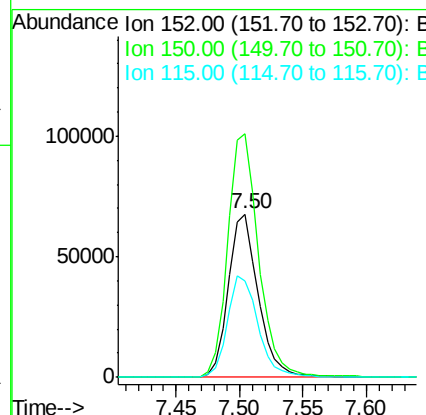
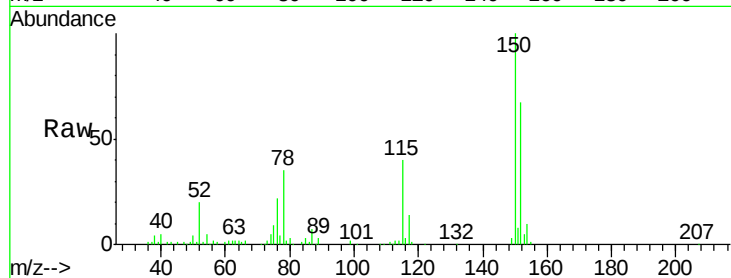


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.01 min
Lab File: BM020014.D
Acq: 22 Apr 2019 20:06

Instrument :
BNA_M
ClientSampleId :
PL-01-041819-A

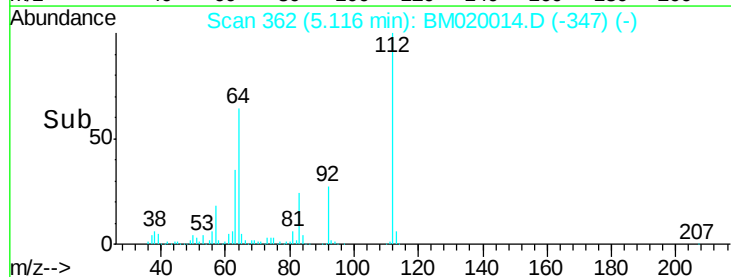
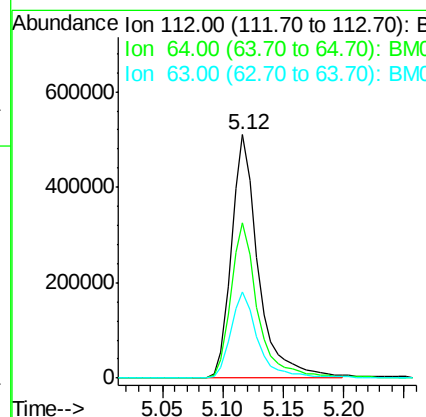
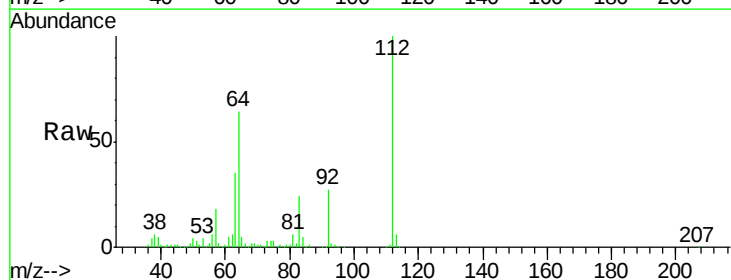
Tgt Ion:152 Resp: 110820
Ion Ratio Lower Upper
152 100
150 149.0 122.1 183.1
115 59.3 50.0 75.0

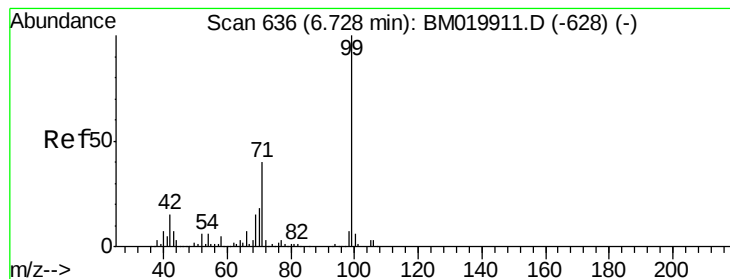


#5

2-Fluorophenol
Concen: 115.366 ng
RT: 5.12 min Scan# 362
Delta R.T. -0.01 min
Lab File: BM020014.D
Acq: 22 Apr 2019 20:06

Tgt Ion:112 Resp: 788871
Ion Ratio Lower Upper
112 100
64 63.6 49.1 73.7
63 35.2 26.5 39.7





#7

Phenol-d6

Concen: 83.261 ng

RT: 6.70 min Scan# 631

Delta R.T. -0.01 min

Lab File: BM020014.D

Acq: 22 Apr 2019 20:06

Instrument :

BNA_M

ClientSampleId :

PL-01-041819-A

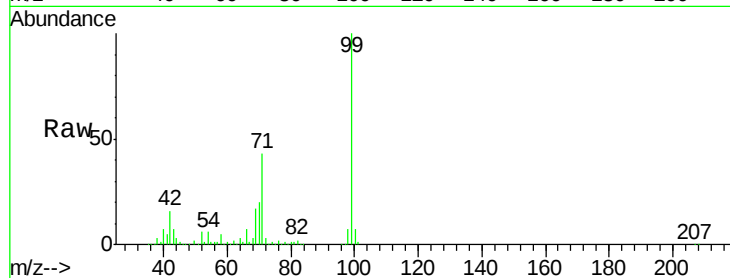
Tgt Ion: 99 Resp: 856851

Ion Ratio Lower Upper

99 100

42 15.9 11.8 17.8

71 43.5 32.0 48.0

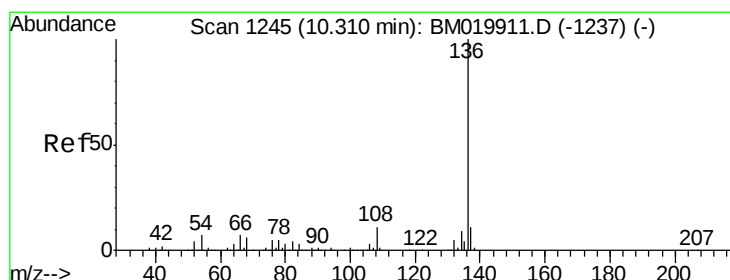
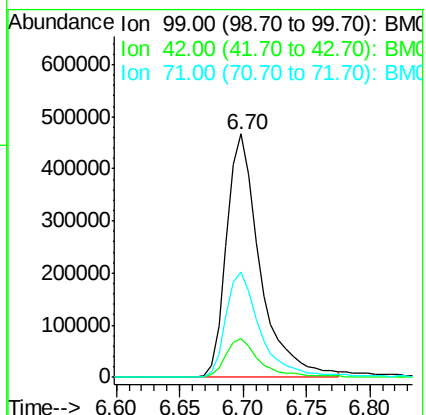
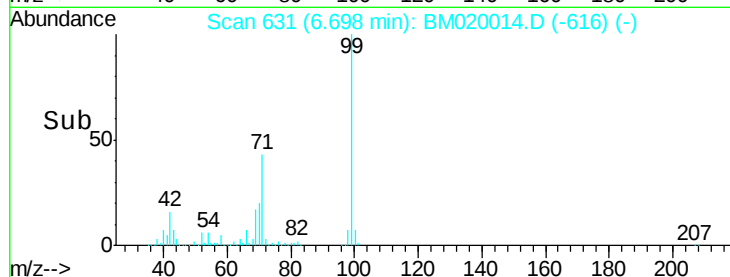


Abundance Ion 99.00 (98.70 to 99.70): BM019911.D (-628) (-)

Ion 42.00 (41.70 to 42.70): BM019911.D (-628) (-)

Ion 71.00 (70.70 to 71.70): BM019911.D (-628) (-)

Time--> 6.60 6.65 6.70 6.75 6.80



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.29 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BM020014.D

Acq: 22 Apr 2019 20:06

Tgt Ion: 136 Resp: 369406

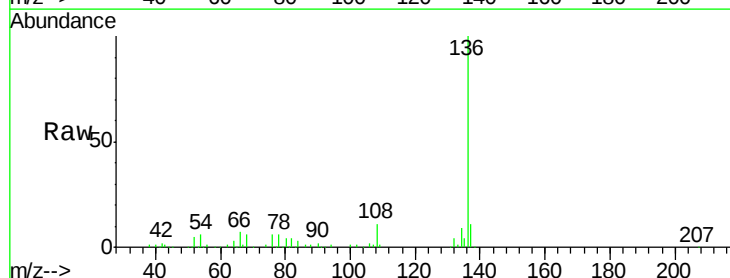
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 6.5 5.3 7.9

68 5.8 5.2 7.8



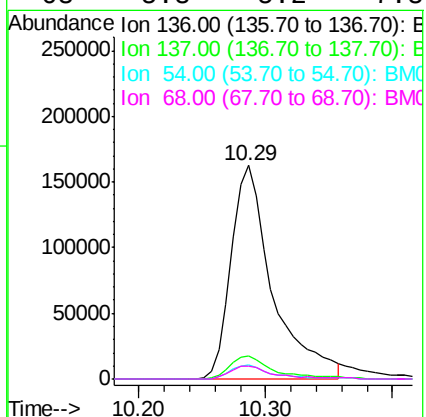
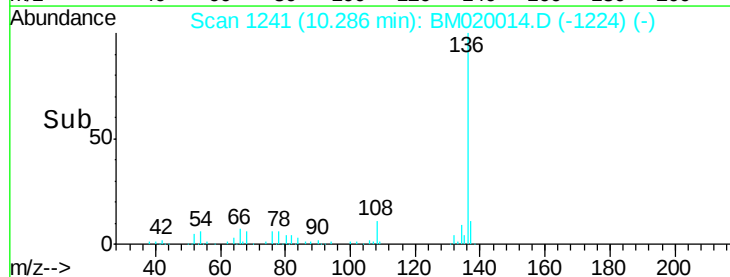
Abundance Ion 136.00 (135.70 to 136.70): BM019911.D (-1237) (-)

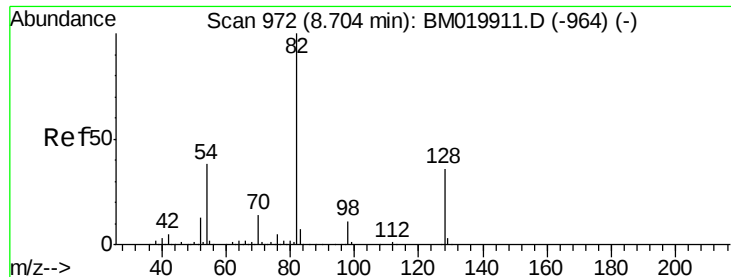
Ion 137.00 (136.70 to 137.70): BM019911.D (-1237) (-)

Ion 54.00 (53.70 to 54.70): BM019911.D (-1237) (-)

Ion 68.00 (67.70 to 68.70): BM019911.D (-1237) (-)

Time--> 10.20 10.30

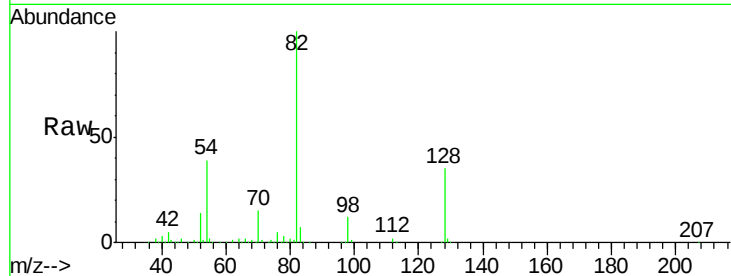




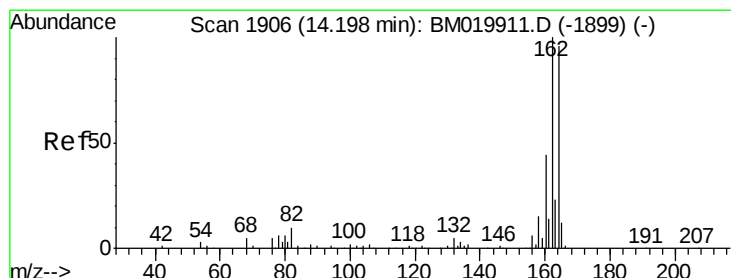
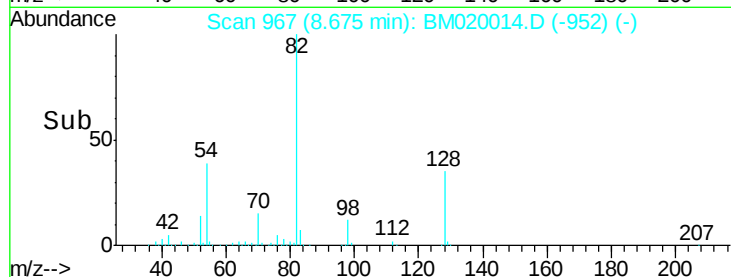
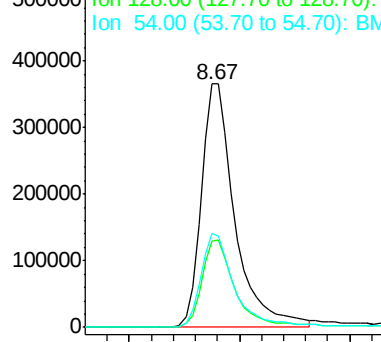
#23
Nitrobenzene-d5
Concen: 94.357 ng
RT: 8.67 min Scan# 967
Delta R.T. -0.01 min
Lab File: BM020014.D
Acq: 22 Apr 2019 20:06

Instrument :
BNA_M
ClientSampleId :
PL-01-041819-A

Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.3	29.0	43.4
54	38.8	30.2	45.4

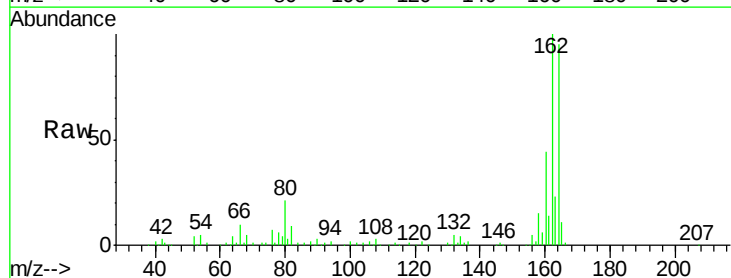


Abundance Ion 82.00 (81.70 to 82.70): BM019911.D (-964) (-)

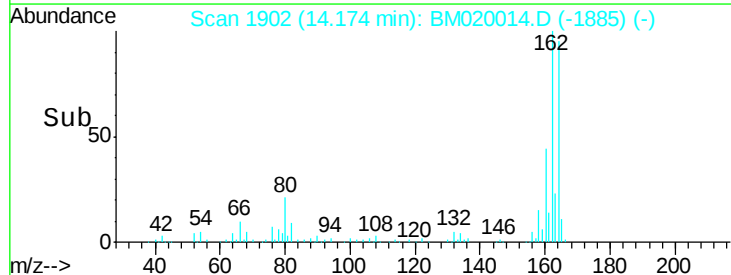
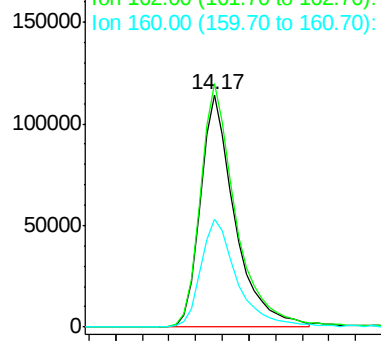


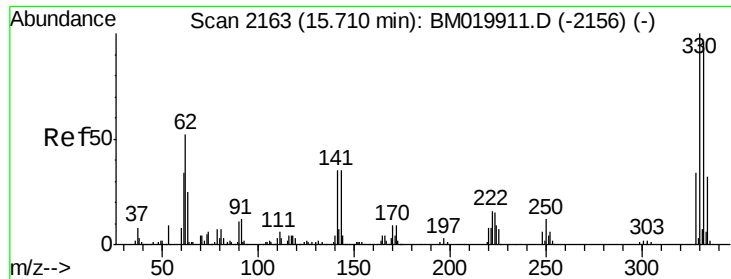
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.17 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BM020014.D
Acq: 22 Apr 2019 20:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.0	124.4
160	46.2	36.6	55.0



Abundance Ion 164.00 (163.70 to 164.70): BM019911.D (-1899) (-)

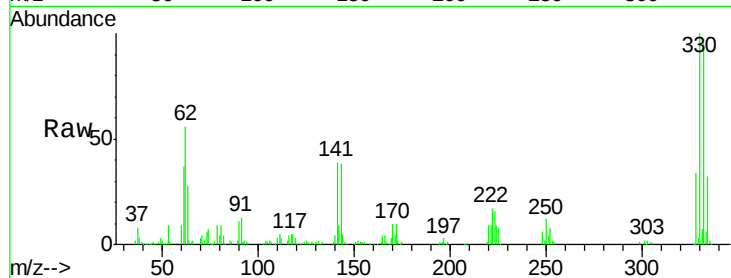




#42
 2,4,6-Tribromophenol
 Concen: 125.594 ng
 RT: 15.69 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BM020014.D
 Acq: 22 Apr 2019 20:06

Instrument :
 BNA_M
 ClientSampleId :
 PL-01-041819-A

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.2
141	40.7	29.0	43.4

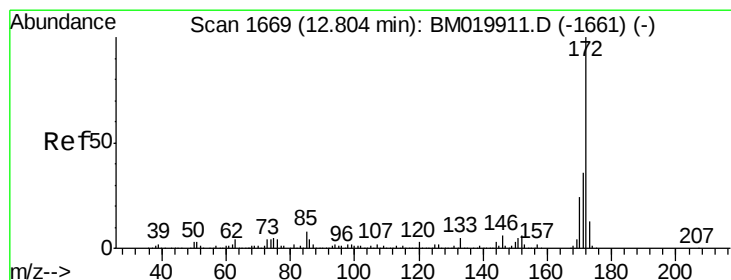
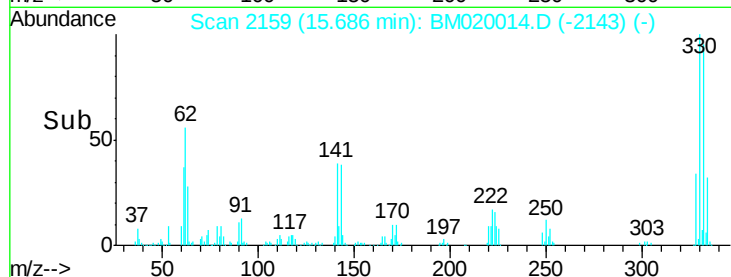
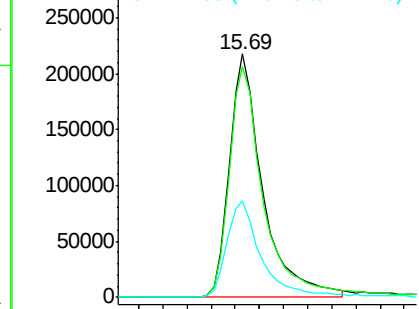


Abundance

Ion 329.80 (329.50 to 330.50): E

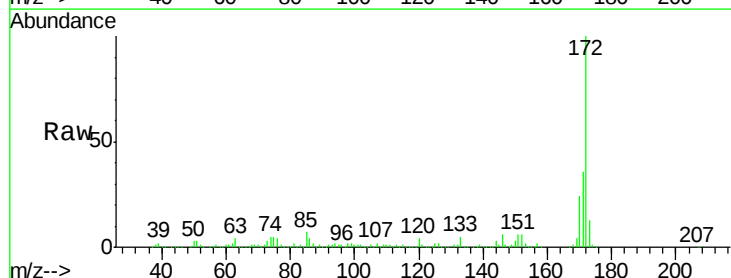
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 95.473 ng
 RT: 12.77 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BM020014.D
 Acq: 22 Apr 2019 20:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	23.5	19.0	28.4

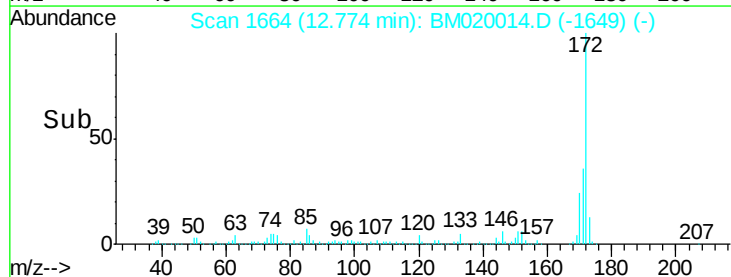
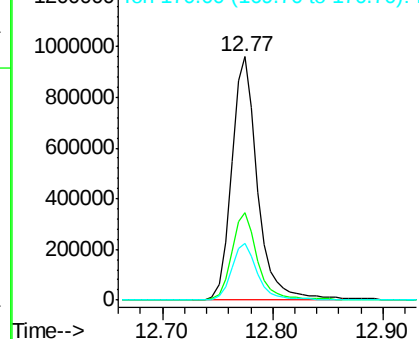


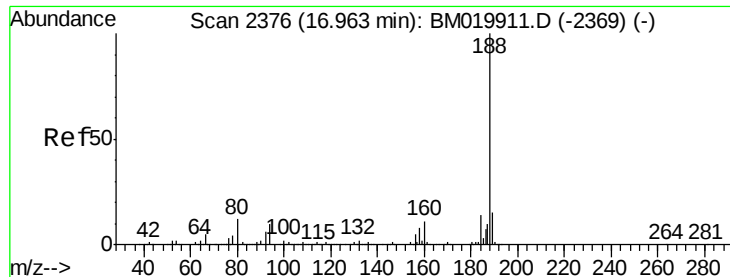
Abundance

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

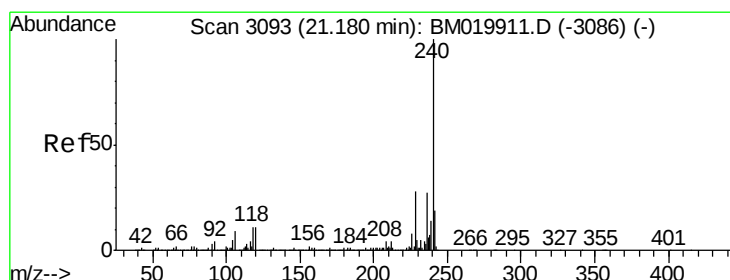
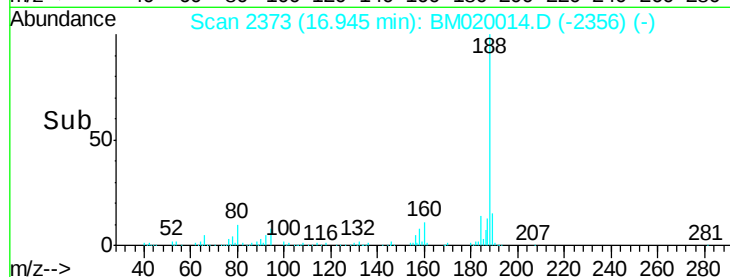
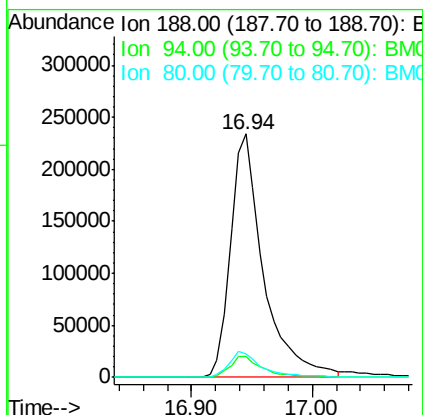
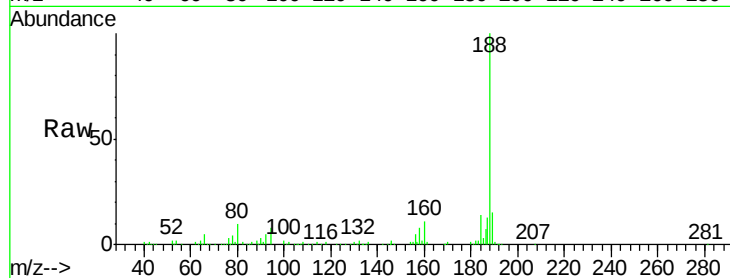




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BM020014.D
Acq: 22 Apr 2019 20:06

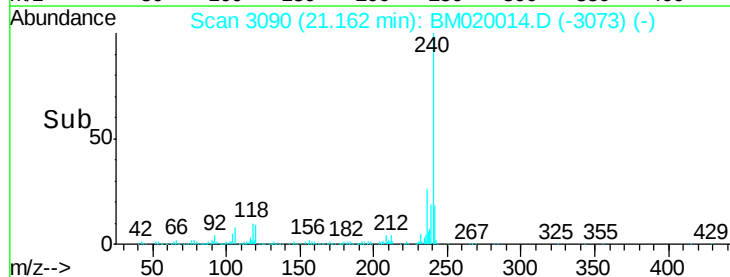
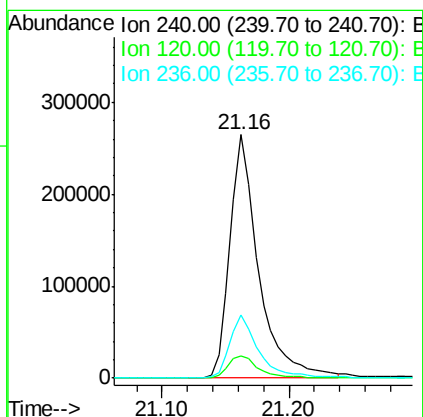
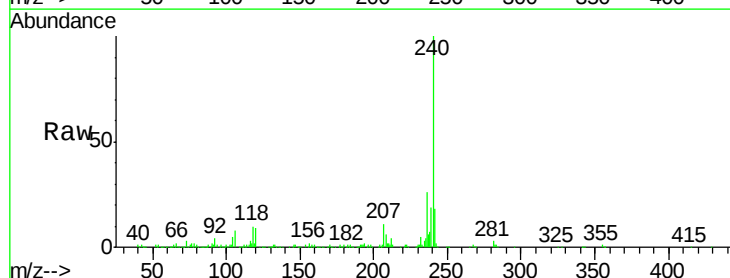
Instrument :
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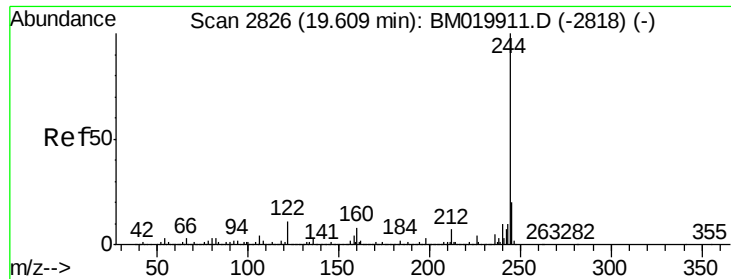
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.6	11.4
80	9.9	9.4	14.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.00 min
Lab File: BM020014.D
Acq: 22 Apr 2019 20:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.6	13.0
236	25.7	21.4	32.2





#79

Terphenyl-d14

Concen: 108.507 ng

RT: 19.59 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BM020014.D

Acq: 22 Apr 2019 20:06

Instrument :

BNA_M

ClientSampleId :

PL-01-041819-A

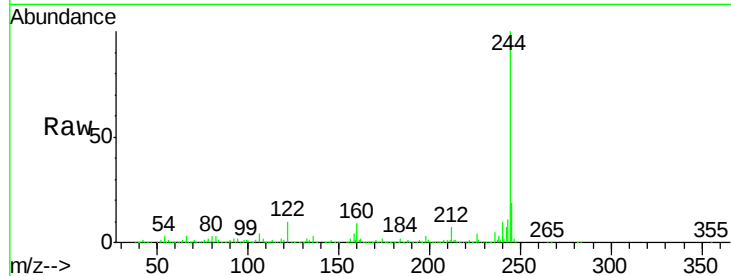
Tgt Ion:244 Resp: 2560937

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

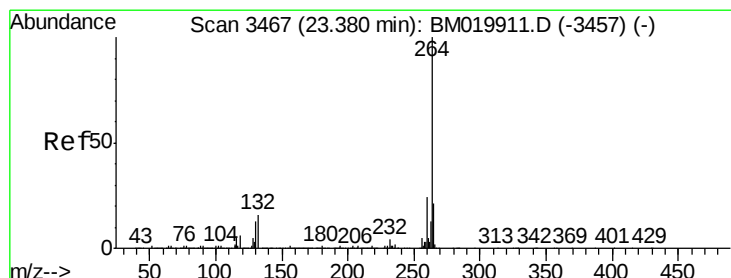
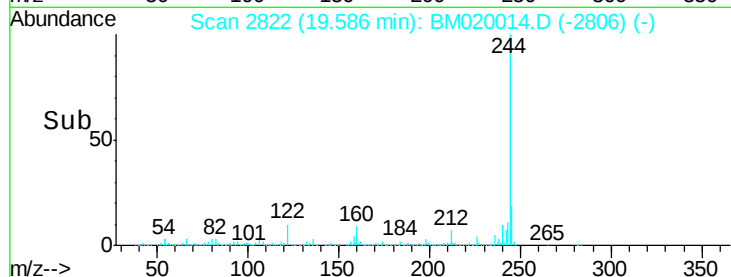
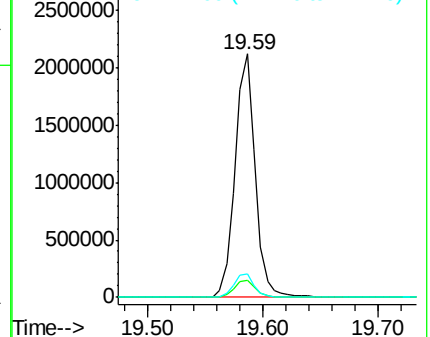
122 9.8 9.1 13.7



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: 23.35 min Scan# 3462

Delta R.T. -0.00 min

Lab File: BM020014.D

Acq: 22 Apr 2019 20:06

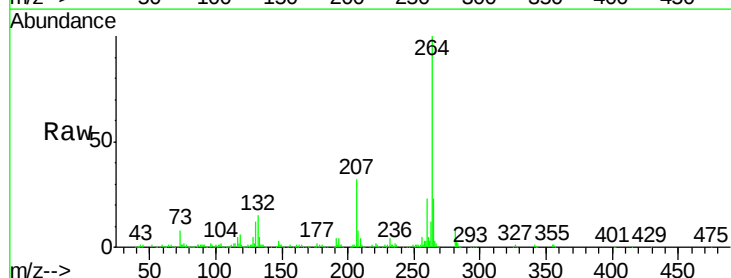
Tgt Ion:264 Resp: 468137

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 22.7 17.2 25.8



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

