

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
 Data File : BM020041.D
 Acq On : 23 Apr 2019 17:53
 Operator : JU/SJ
 Sample : PB119139BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119139BL

Manual Integrations
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Quant Time: Apr 24 04:19:14 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	7.49	152	74594	20.00	ng	-0.02
21) Naphthalene-d8	10.29	136	258192m	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	135329m	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	283250	20.00	ng	0.00
76) Chrysene-d12	21.16	240	307999m	20.00	ng	0.00
87) Perylene-d12	23.34	264	390736m	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	483839	105.12	ng	-0.02
7) Phenol-d6	6.69	99	604774	87.31	ng	-0.02
23) Nitrobenzene-d5	8.67	82	406403m	70.39	ng	-0.01
42) 2,4,6-Tribromophenol	15.68	330	210713	96.73	ng	-0.01
45) 2-Fluorobiphenyl	12.77	172	777424	71.59	ng	-0.02
79) Terphenyl-d14	19.57	244	1256110	71.93	ng	-0.02

Target Compounds Qvalue

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

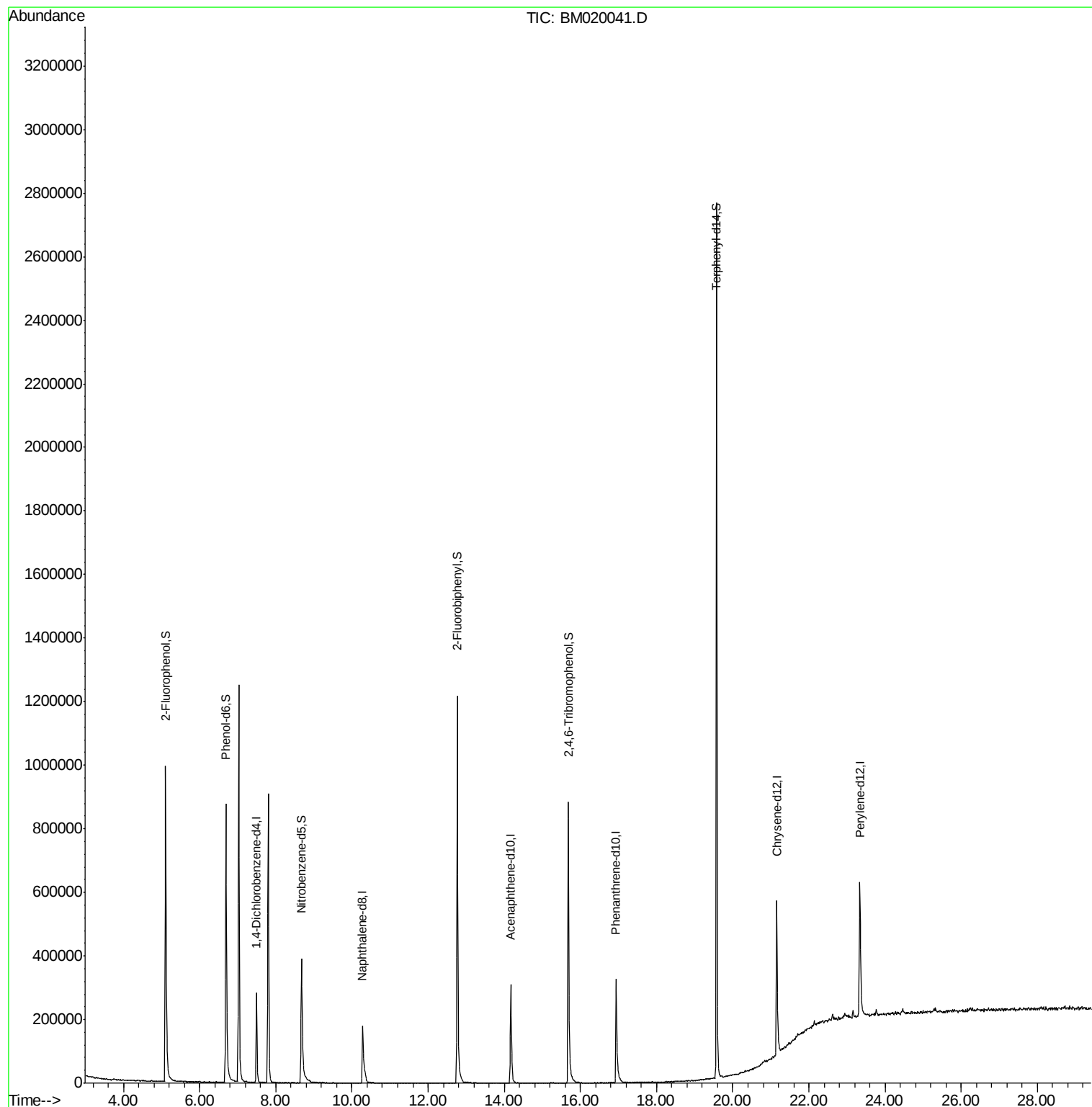
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
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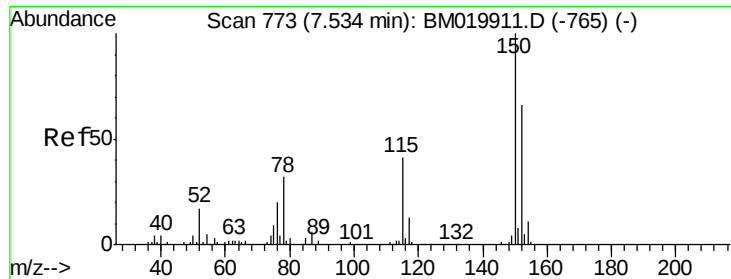
Instrument :
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#1

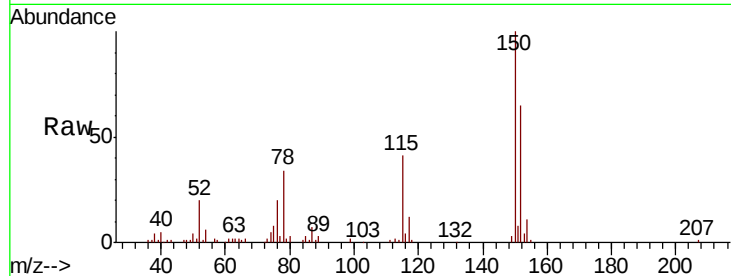
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 766
Delta R.T. -0.02 min
Lab File: BM020041.D
Acq: 23 Apr 2019 17:53

Instrument :
BNA_M
ClientSampleId :
PB119139BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	122.1	183.1
115	63.8	50.0	75.0

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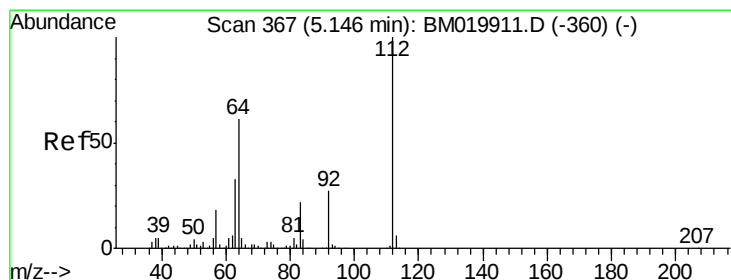
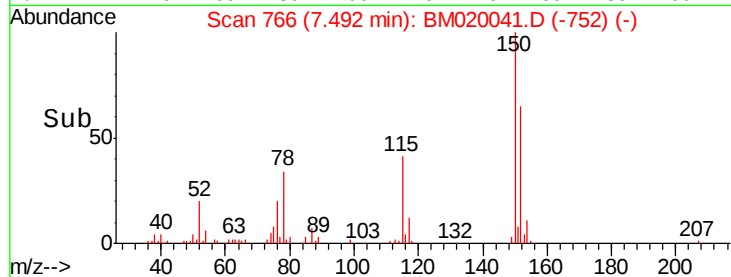
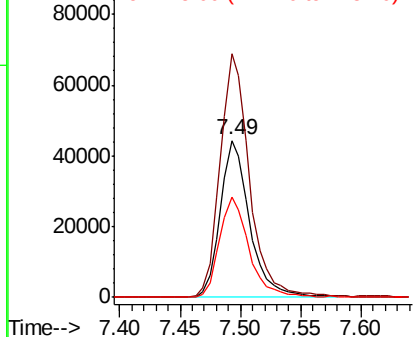


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

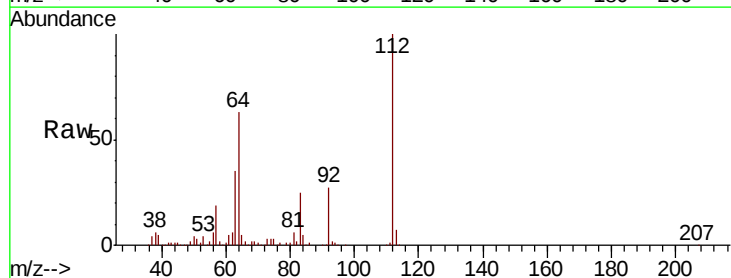
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 105.120 ng
RT: 5.11 min Scan# 361
Delta R.T. -0.02 min
Lab File: BM020041.D
Acq: 23 Apr 2019 17:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.5	49.1	73.7
63	35.1	26.5	39.7

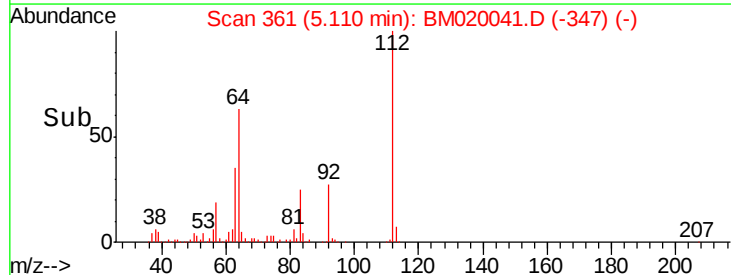
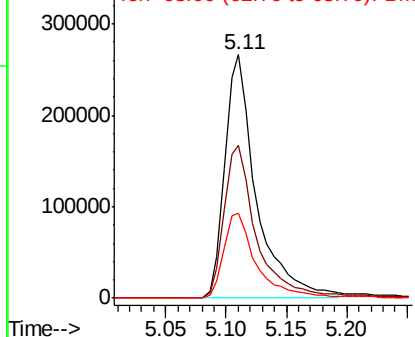


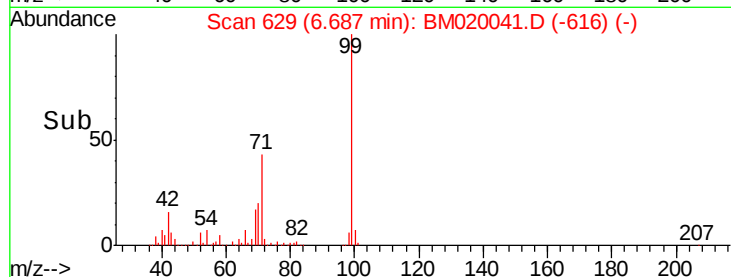
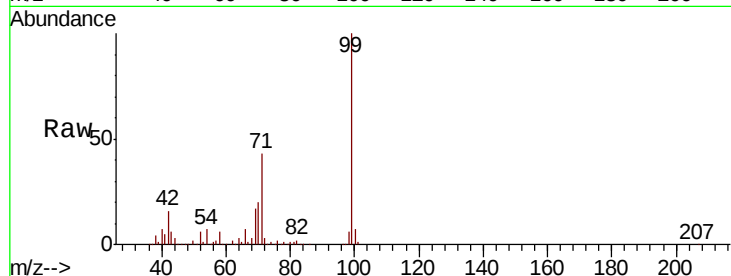
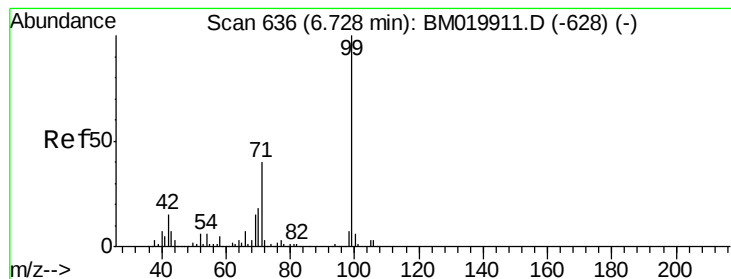
Abundance

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: 87.306 ng

RT: 6.69 min Scan# 629

Delta R.T. -0.02 min

Lab File: BM020041.D

Acq: 23 Apr 2019 17:53

Tot Ion:	99	Resp:	604774
Ion	Ratio	Lower	Upper
99	100		
42	16.1	11.8	17.8
71	43.5	32.0	48.0

Instrument :

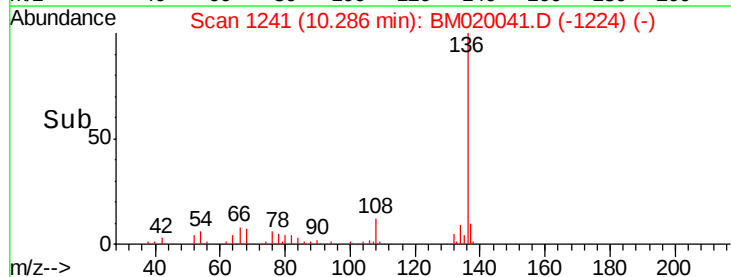
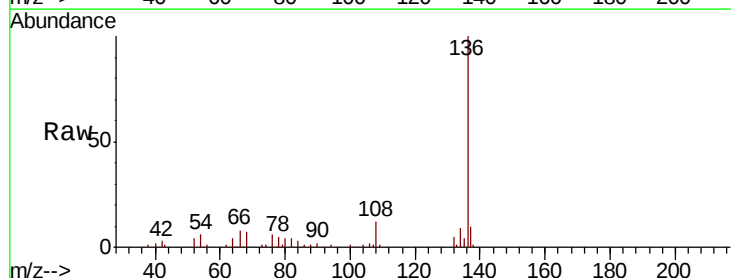
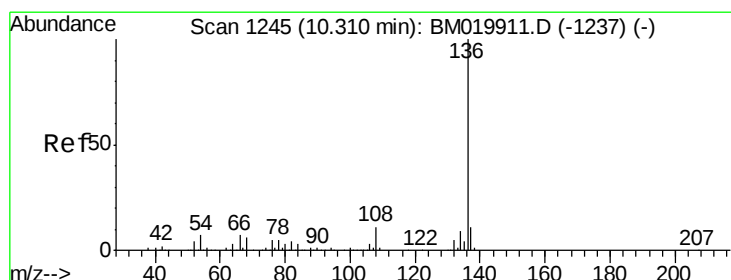
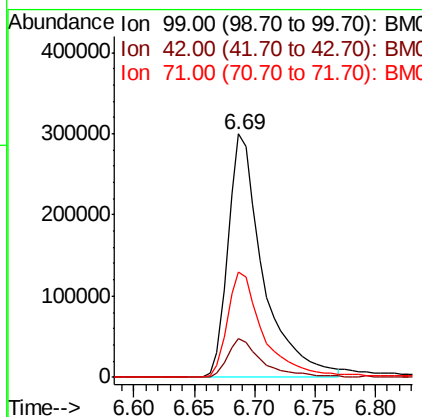
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ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.000 ng m

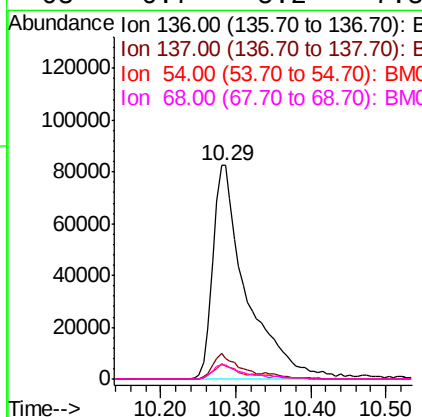
RT: 10.29 min Scan# 1241

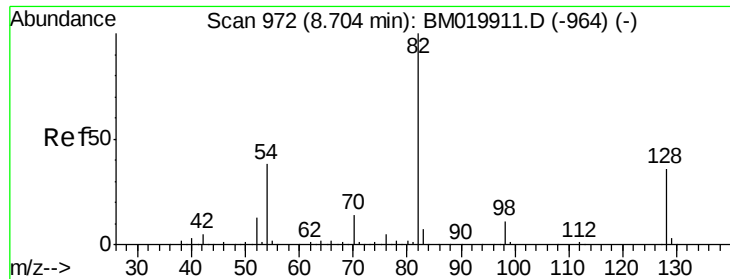
Delta R.T. -0.00 min

Lab File: BM020041.D

Acq: 23 Apr 2019 17:53

Tgt Ion:	136	Resp:	258192
Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.0	13.6
54	5.9	5.3	7.9
68	6.7	5.2	7.8





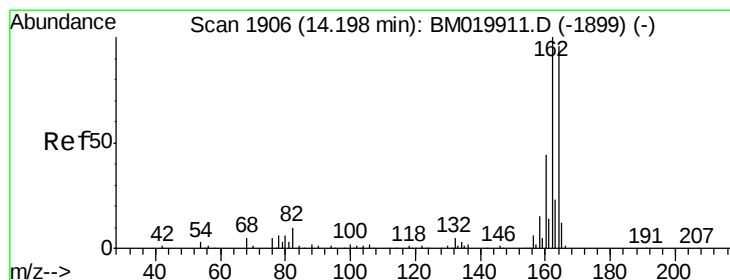
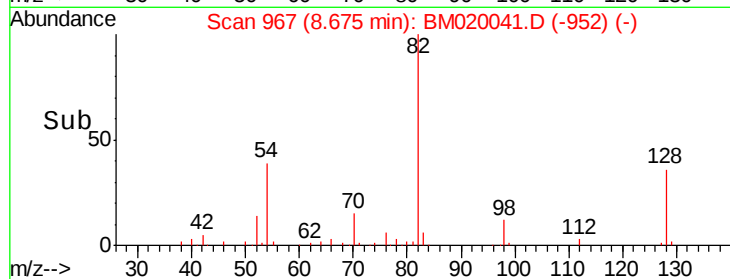
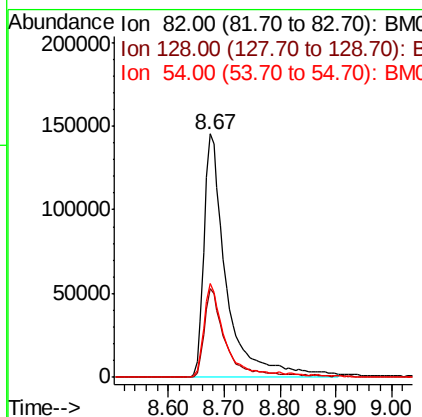
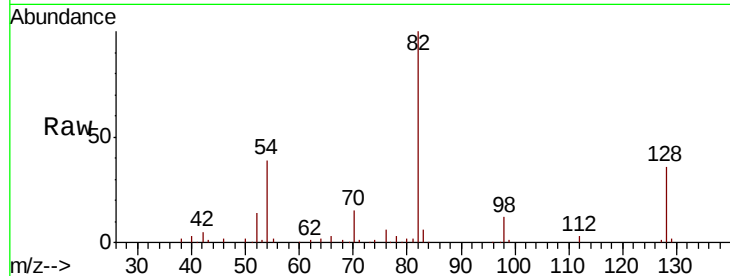
#23
Nitrobenzene-d5
Concen: 70.393 ng m
RT: 8.67 min Scan# 967
Delta R.T. -0.01 min
Lab File: BM020041.D
Acq: 23 Apr 2019 17:53

Instrument :
BNA_M
ClientSampleId :
PB119139BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.3	29.0	43.4
54	38.7	30.2	45.4

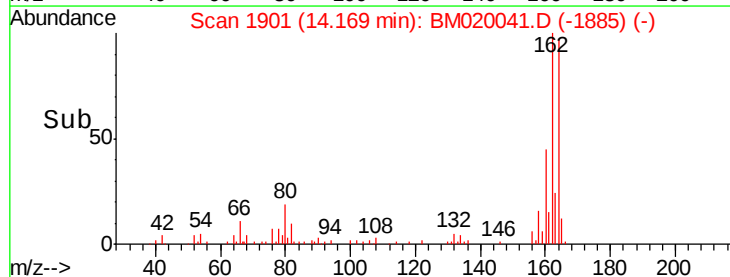
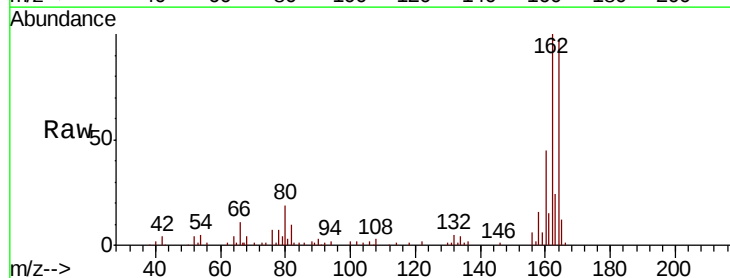
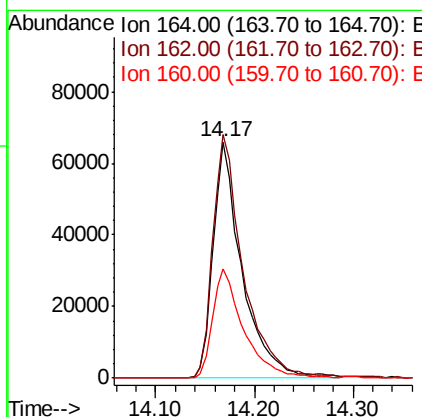
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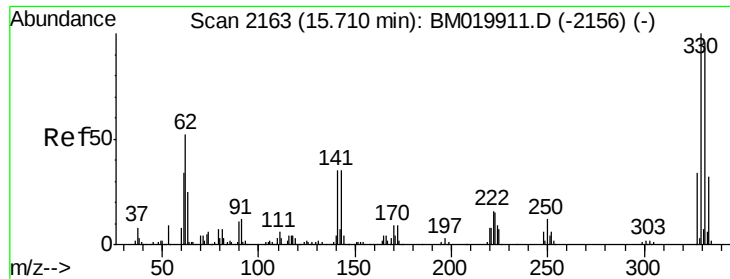
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#39
Acenaphthene-d10
Concen: 20.000 ng m
RT: 14.17 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BM020041.D
Acq: 23 Apr 2019 17:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	83.0	124.4
160	46.4	36.6	55.0





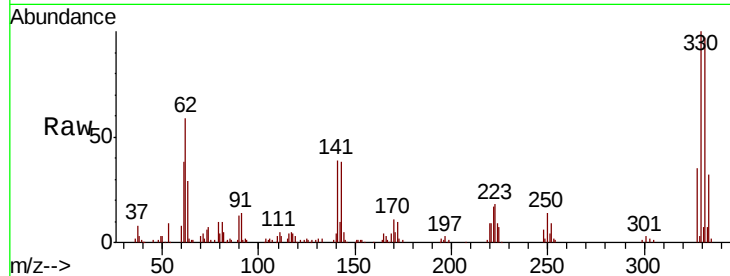
#42
 2,4,6-Tribromophenol
 Concen: 96.727 ng
 RT: 15.68 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BM020041.D
 Acq: 23 Apr 2019 17:53

Instrument :
 BNA_M
 ClientSampled :
 PB119139BL

Tot Ion	Ratio	Resp	Lower	Upper
330	100	210713		
332	96.9	77.4	116.2	
141	40.0	29.0	43.4	

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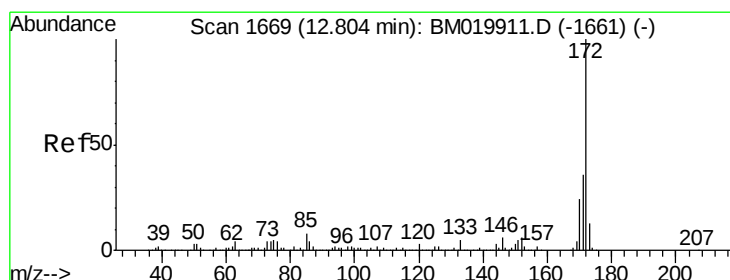
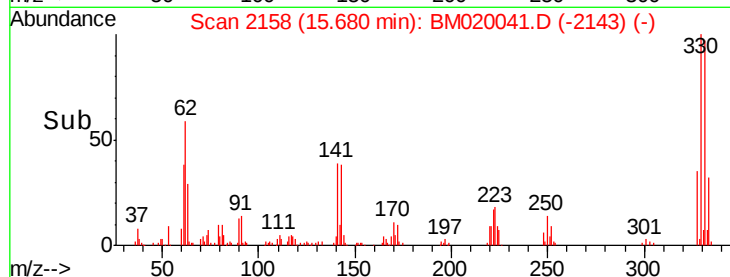
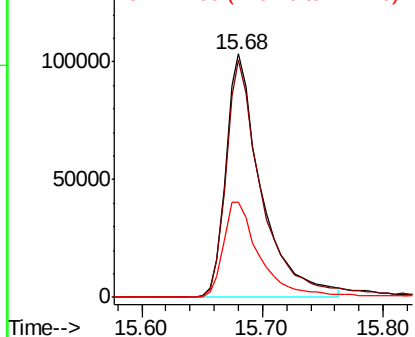


Abundance

Ion 329.80 (329.50 to 330.50): E

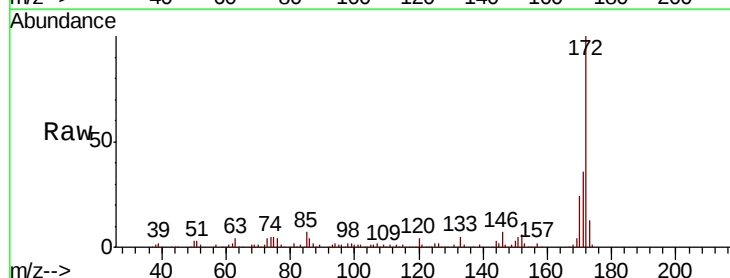
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 71.592 ng
 RT: 12.77 min Scan# 1663
 Delta R.T. -0.02 min
 Lab File: BM020041.D
 Acq: 23 Apr 2019 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	777424		
171	36.3	28.9	43.3	
170	23.5	19.0	28.4	

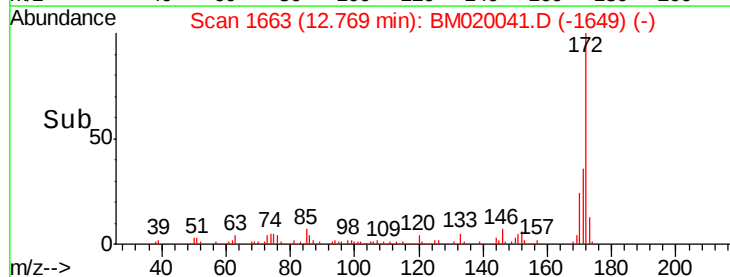
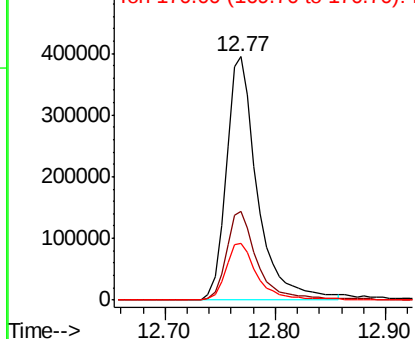


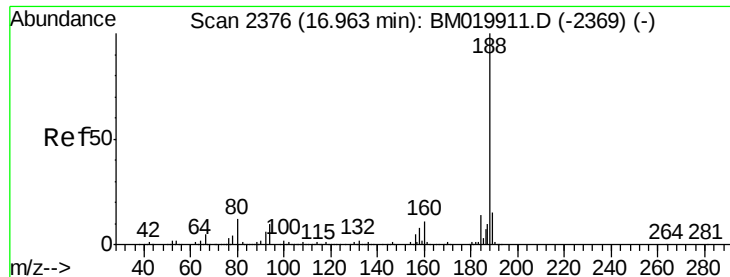
Abundance

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# 2372

Delta R.T. -0.01 min

Lab File: BM020041.D

Acq: 23 Apr 2019 17:53

Instrument :

BNA_M

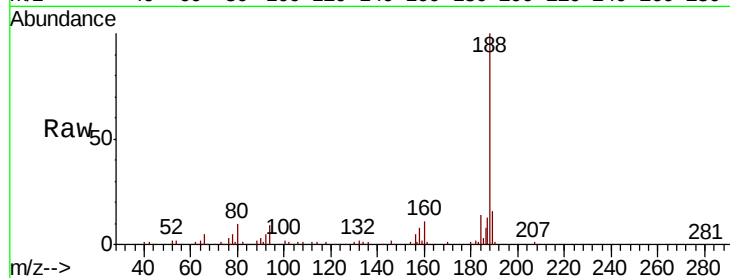
ClientSampleId :

PB119139BL

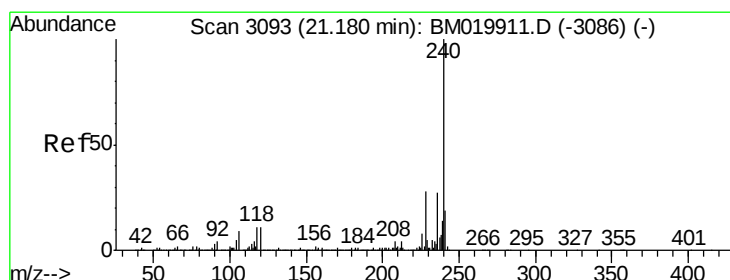
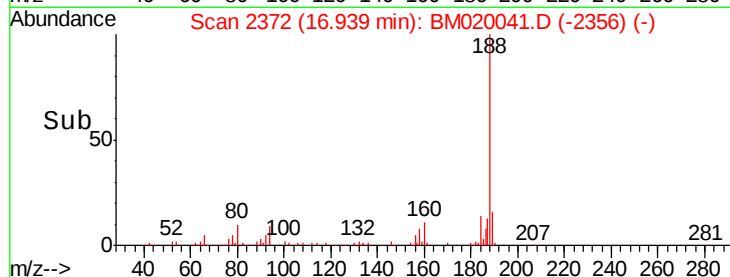
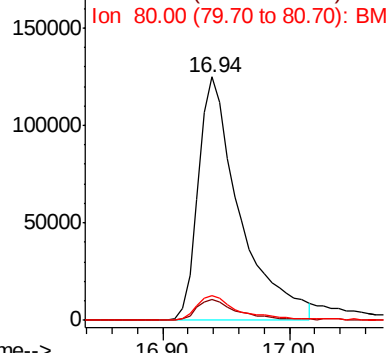
Tot Ion:	188	Resp:	283250
Ion Ratio	Lower	Upper	
188	100		
94	8.7	7.6	11.4
80	10.3	9.4	14.0

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Abundance Ion 188.00 (187.70 to 188.70): E



#76

Chrysene-d12

Concen: 20.000 ng m

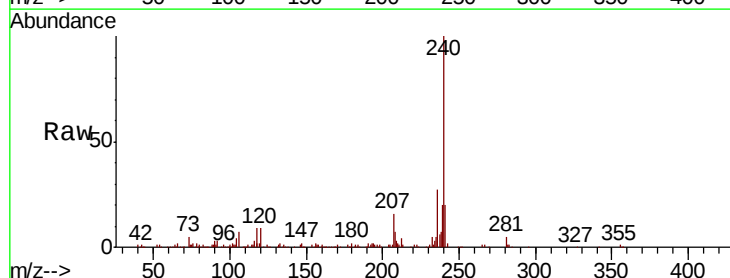
RT: 21.16 min Scan# 3089

Delta R.T. -0.01 min

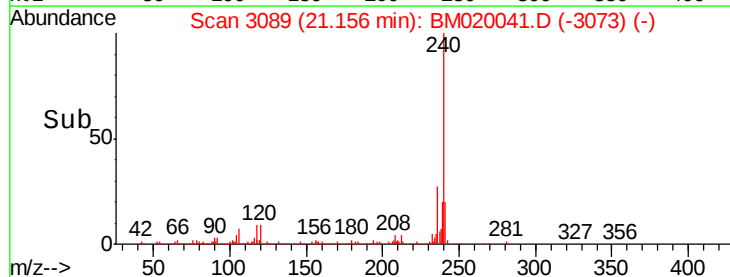
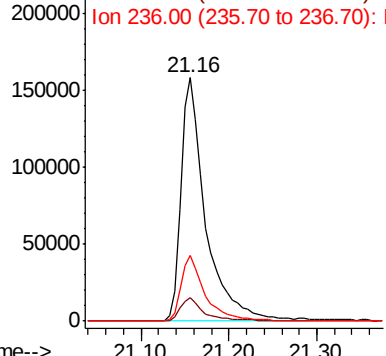
Lab File: BM020041.D

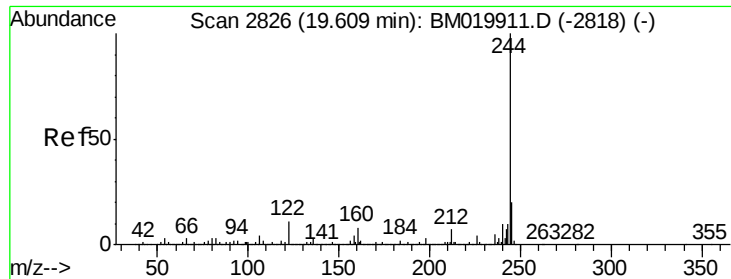
Acq: 23 Apr 2019 17:53

Tgt Ion:	240	Resp:	307999
Ion Ratio	Lower	Upper	
240	100		
120	9.5	8.6	13.0
236	26.7	21.4	32.2



Abundance Ion 240.00 (239.70 to 240.70): E





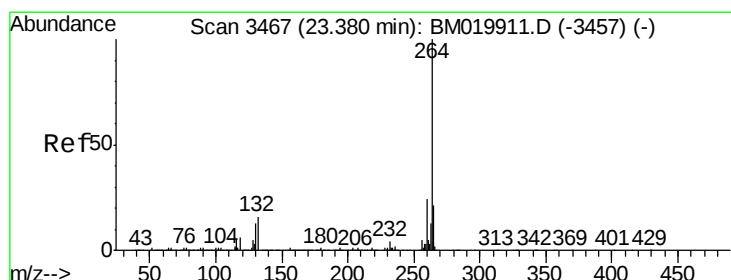
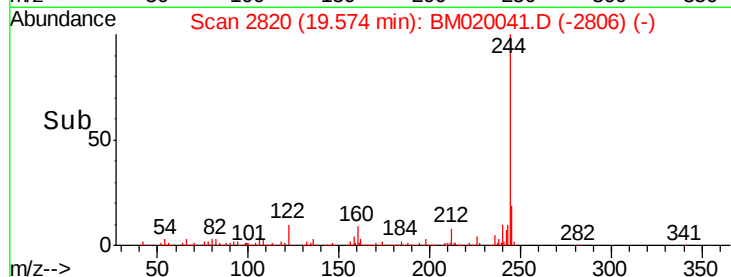
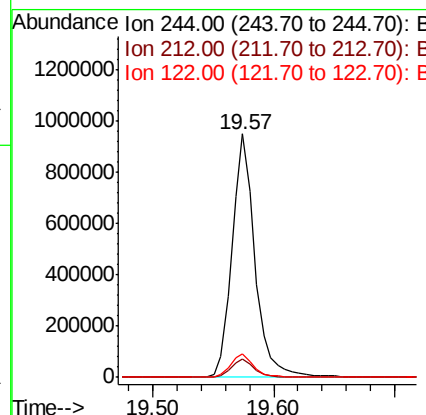
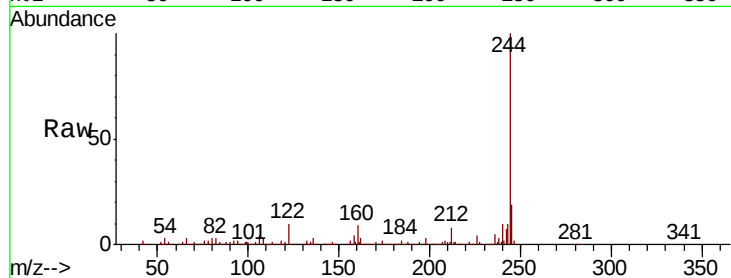
#79
 Terphenyl-d14
 Concen: 71.934 ng
 RT: 19.57 min Scan# 2820
 Delta R.T. -0.02 min
 Lab File: BM020041.D
 Acq: 23 Apr 2019 17:53

Instrument :
 BNA_M
 ClientSampleId :
 PB119139BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	9.8	9.1	13.7

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#87
 Perylene-d12
 Concen: 20.000 ng m
 RT: 23.34 min Scan# 3460
 Delta R.T. -0.01 min
 Lab File: BM020041.D
 Acq: 23 Apr 2019 17:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.7	17.2	25.8

