

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM042219\
 Data File : BM020026.D
 Acq On : 23 Apr 2019 04:31
 Operator : JU/SJ
 Sample : PB119111BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119111BL

Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:13:47 PM

Quant Time: Apr 23 07:41:32 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	82960	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	283326m	20.00	ng	0.00
39) Acenaphthene-d10	14.18	164	144089m	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	293439m	20.00	ng	0.00
76) Chrysene-d12	21.17	240	251476m	20.00	ng	0.00
87) Perylene-d12	23.36	264	317462m	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	775687	151.53	ng	-0.01
7) Phenol-d6	6.69	99	974584	126.50	ng	-0.02
23) Nitrobenzene-d5	8.68	82	606423	95.72	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	282626	121.85	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	1216639	105.23	ng	-0.01
79) Terphenyl-d14	19.58	244	1613559	113.17	ng	-0.01

Target Compounds Qvalue

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

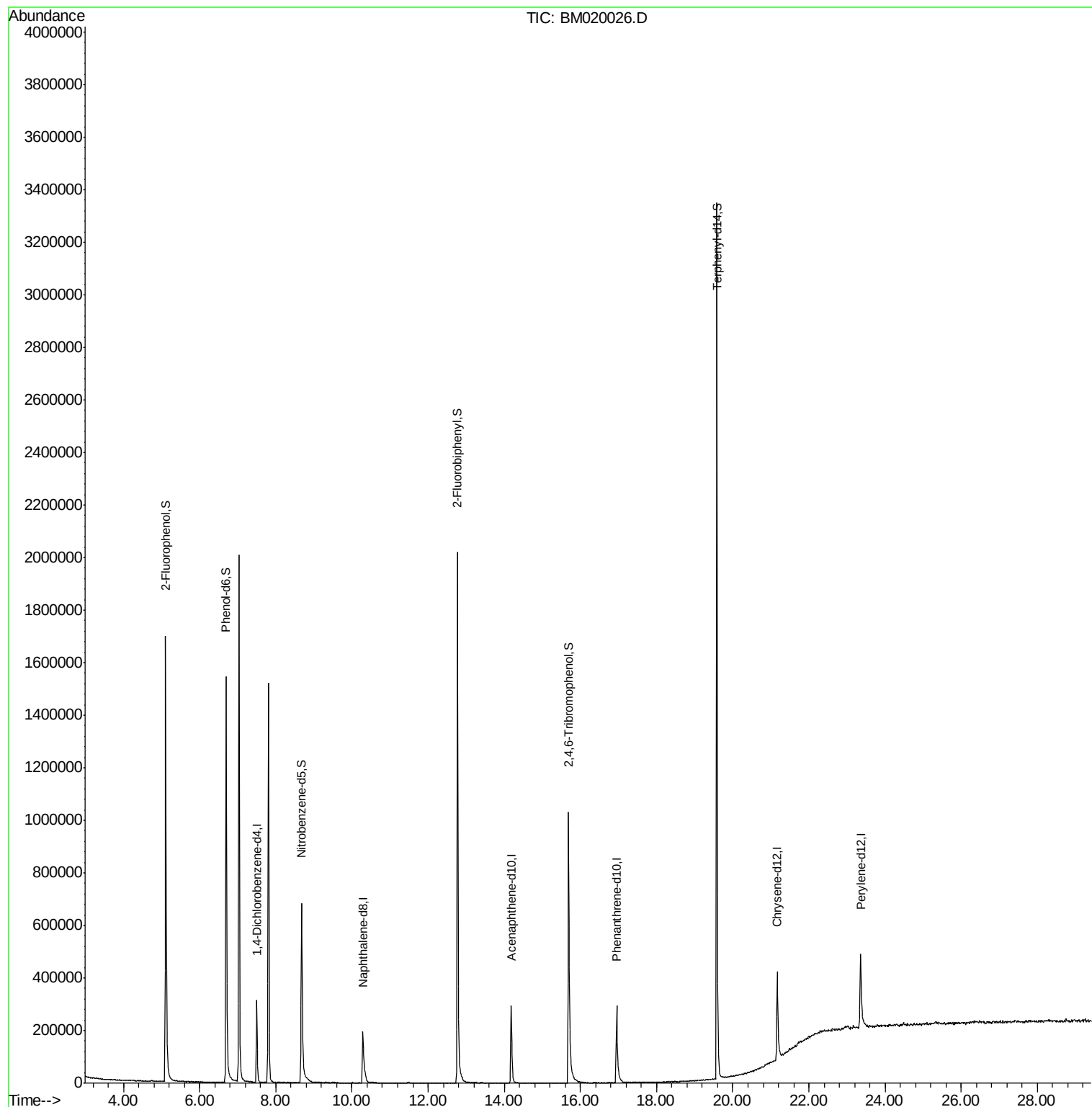
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM042219\
Data File : BM020026.D
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ALS Vial : 21 Sample Multiplier: 1

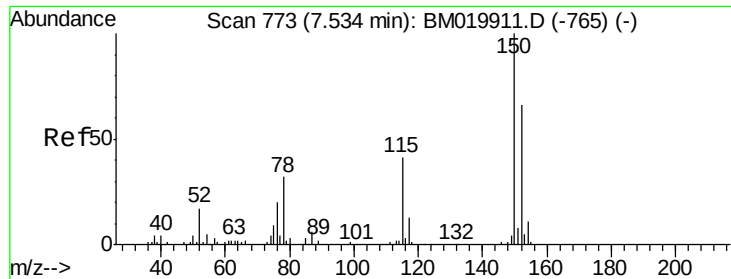
Instrument :
BNA_M
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#1

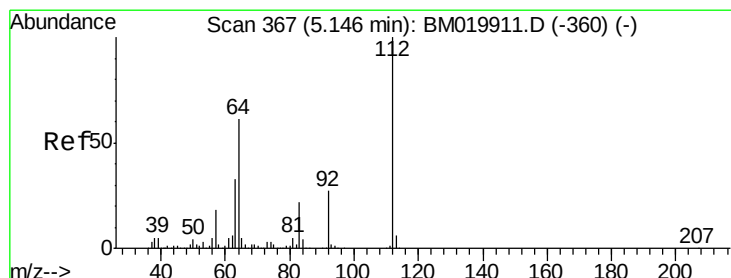
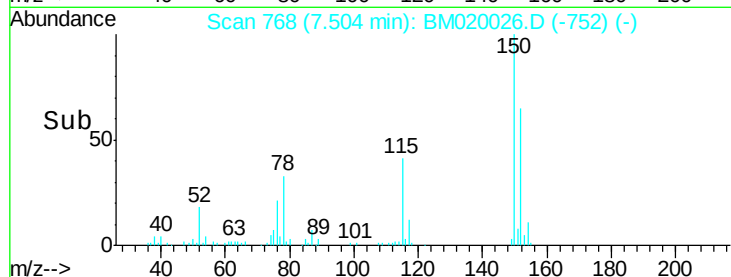
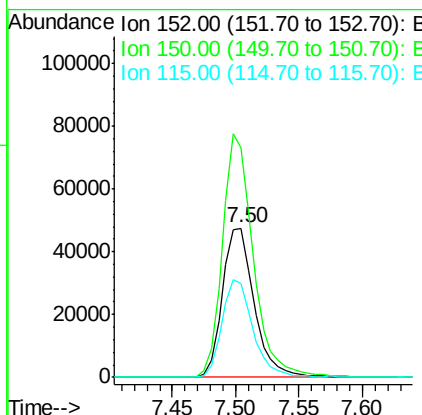
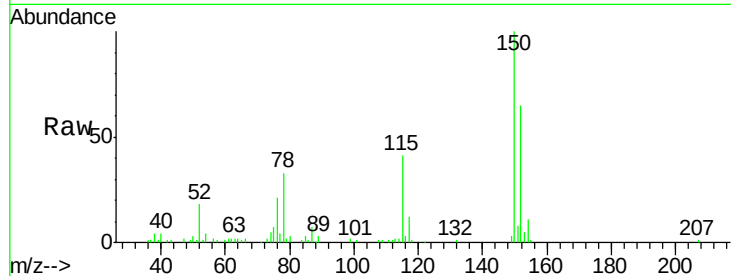
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.01 min
Lab File: BM020026.D
Acq: 23 Apr 2019 04:31

Instrument :
BNA_M
ClientSampled :
PB119111BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.1	122.1	183.1
115	62.7	50.0	75.0

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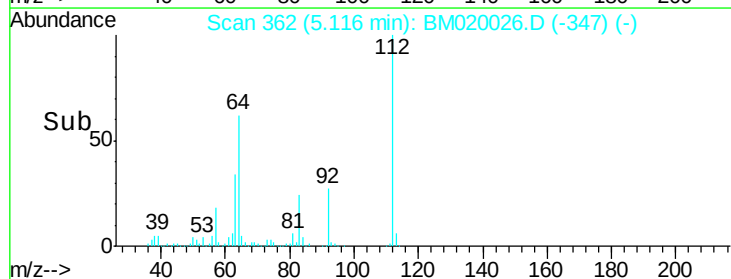
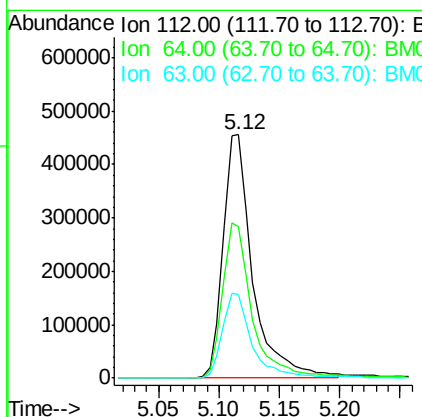
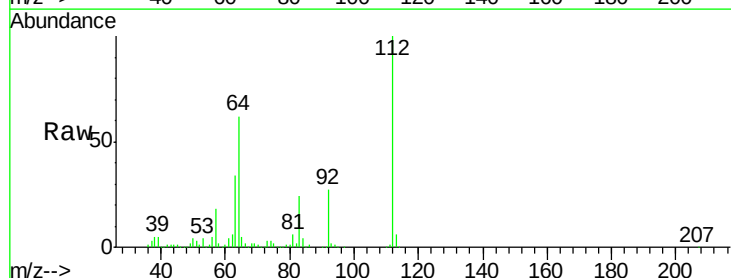
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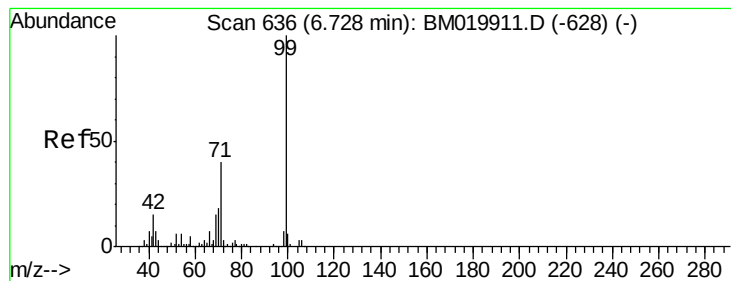


#5

2-Fluorophenol
Concen: 151.533 ng
RT: 5.12 min Scan# 362
Delta R.T. -0.01 min
Lab File: BM020026.D
Acq: 23 Apr 2019 04:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	49.1	73.7
63	34.3	26.5	39.7





#7

Phenol-d6

Concen: 126.505 ng

RT: 6.69 min Scan# 630

Delta R.T. -0.02 min

Lab File: BM020026.D

Acq: 23 Apr 2019 04:31

Instrument :

BNA_M

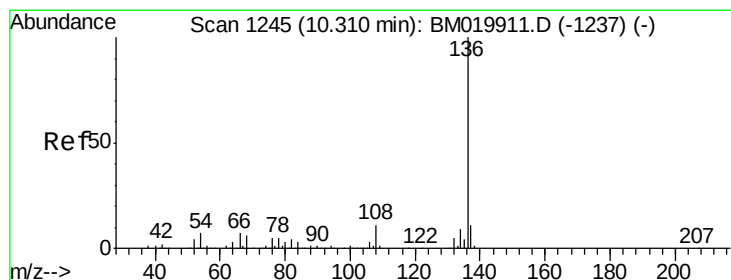
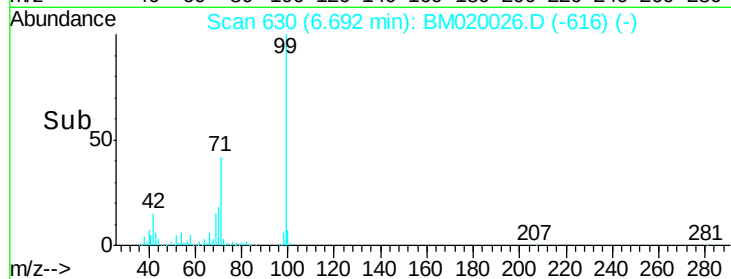
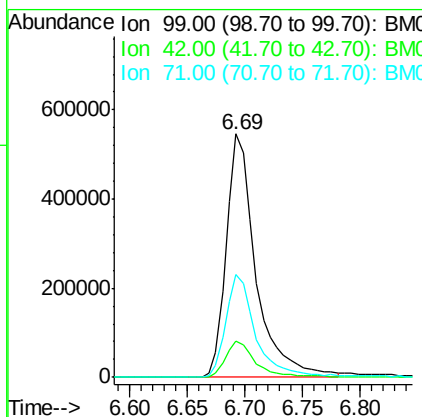
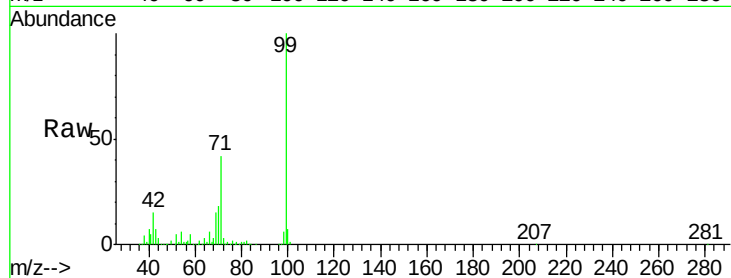
ClientSampleId :

PB119111BL

Tgt Ion:	99	Resp:	974584
Ion Ratio	Lower	Upper	
99	100		
42	15.0	11.8	17.8
71	42.0	32.0	48.0

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#21

Naphthalene-d8

Concen: 20.000 ng m

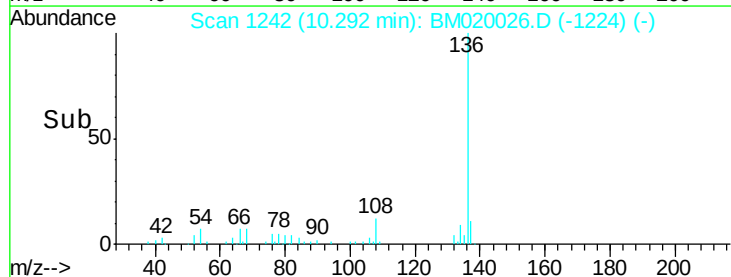
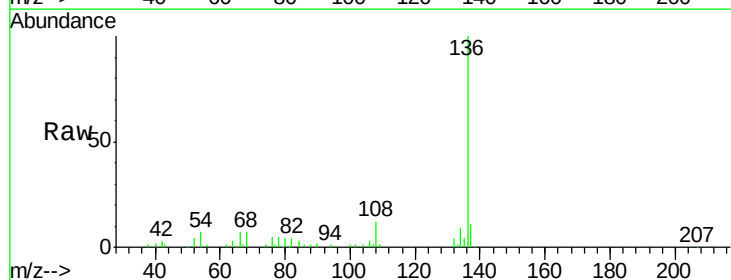
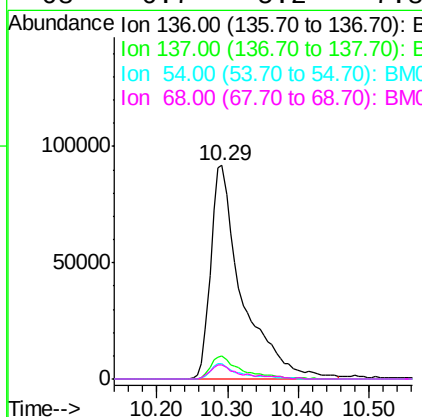
RT: 10.29 min Scan# 1242

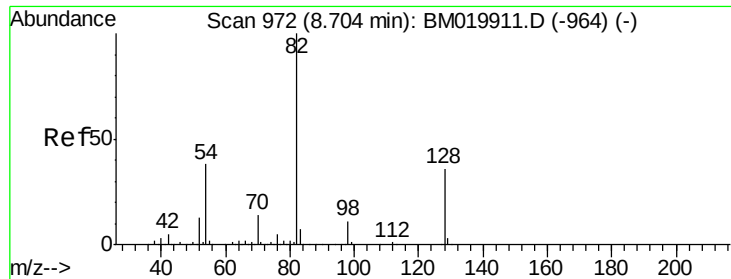
Delta R.T. 0.01 min

Lab File: BM020026.D

Acq: 23 Apr 2019 04:31

Tgt Ion:	136	Resp:	283326
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.6
54	7.0	5.3	7.9
68	6.7	5.2	7.8





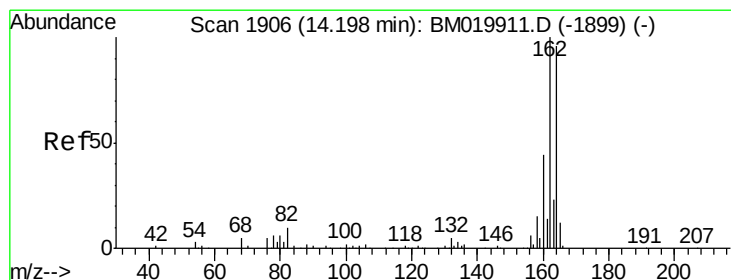
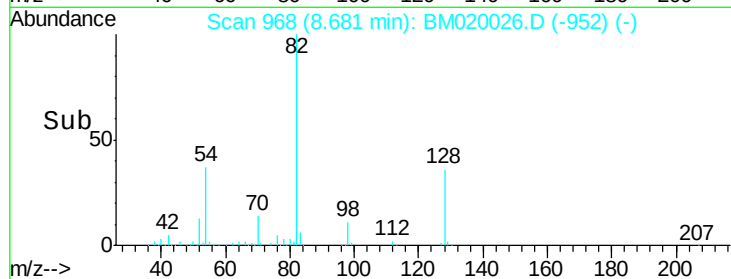
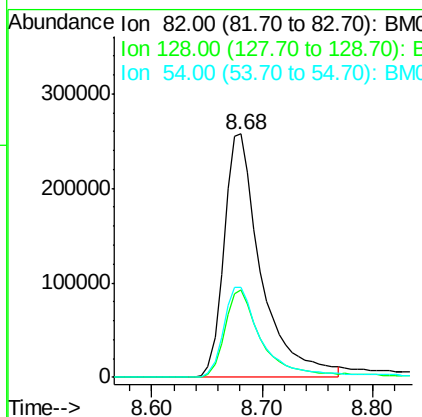
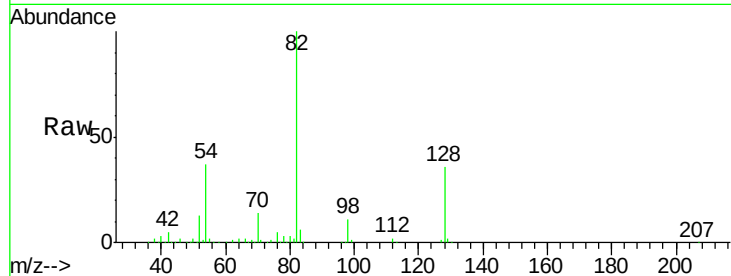
#23
 Nitrobenzene-d5
 Concen: 95.720 ng
 RT: 8.68 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BM020026.D
 Acq: 23 Apr 2019 04:31

Instrument :
 BNA_M
 ClientSampleId :
 PB119111BL

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	606423		
128	36.0	29.0	43.4	
54	37.1	30.2	45.4	

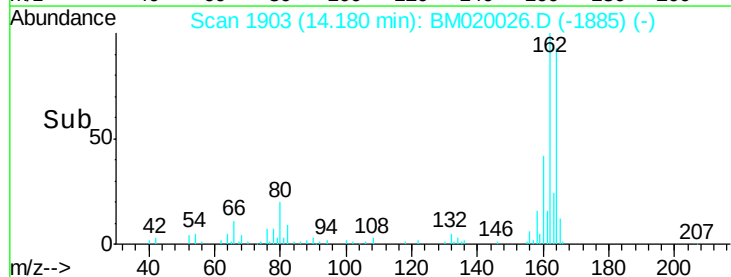
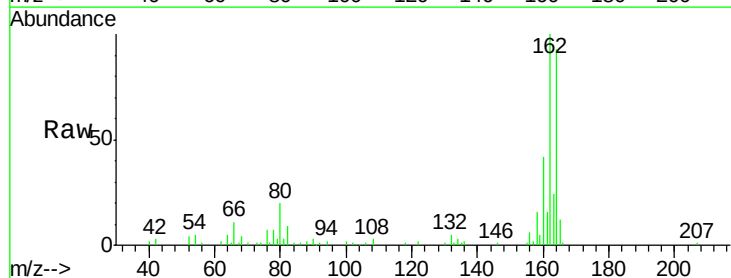
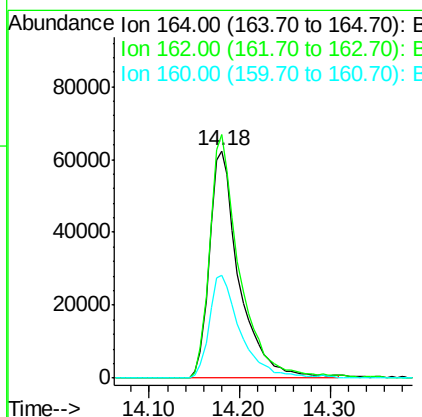
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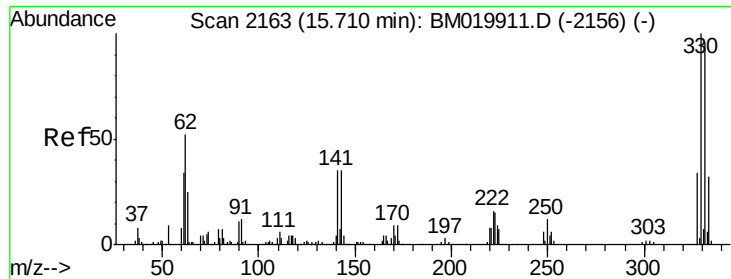
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#39
 Acenaphthene-d10
 Concen: 20.000 ng m
 RT: 14.18 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: BM020026.D
 Acq: 23 Apr 2019 04:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	144089		
162	107.1	83.0	124.4	
160	45.2	36.6	55.0	





#42

2,4,6-Tribromophenol

Concen: 121.851 ng

RT: 15.69 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BM020026.D

Acq: 23 Apr 2019 04:31

Instrument :

BNA_M

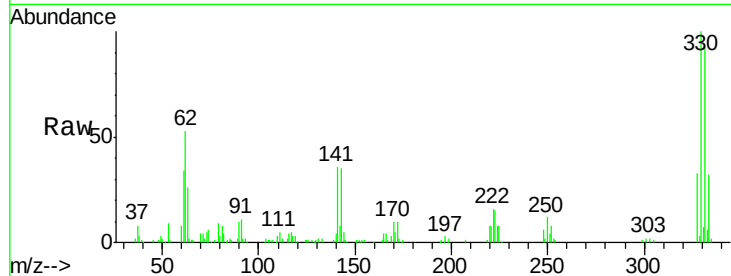
ClientSampleId :

PB119111BL

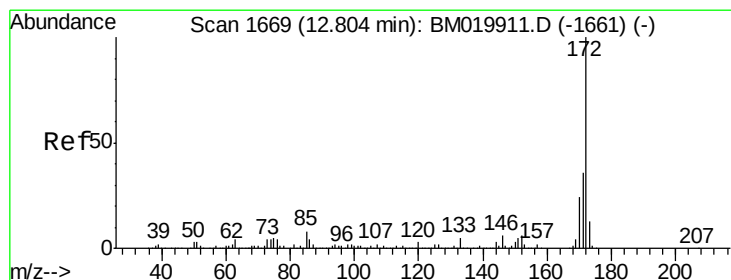
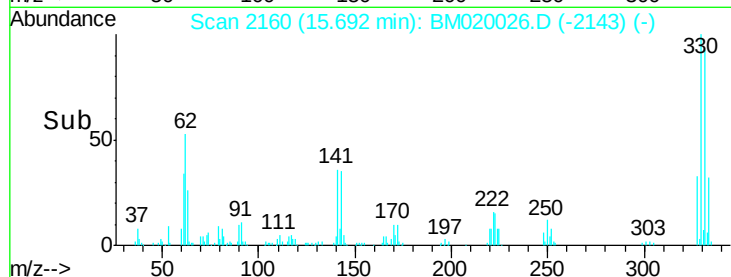
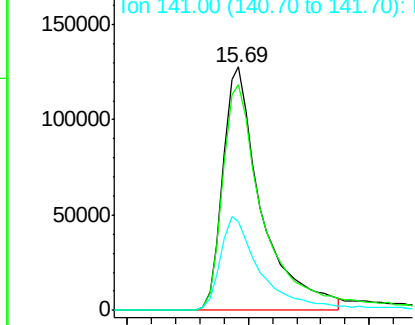
Tgt Ion:	330	Resp:	282626
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.4	116.2
141	39.4	29.0	43.4

Manual Integrations
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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: 105.228 ng

RT: 12.77 min Scan# 1664

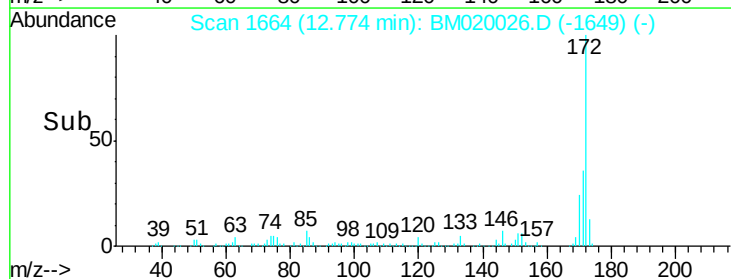
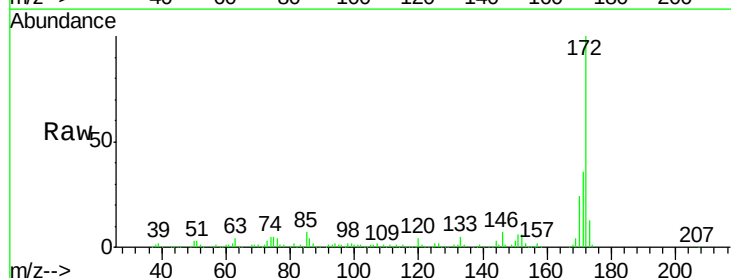
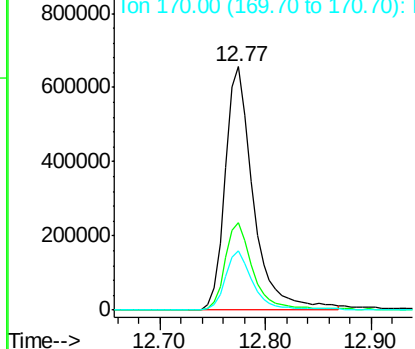
Delta R.T. -0.01 min

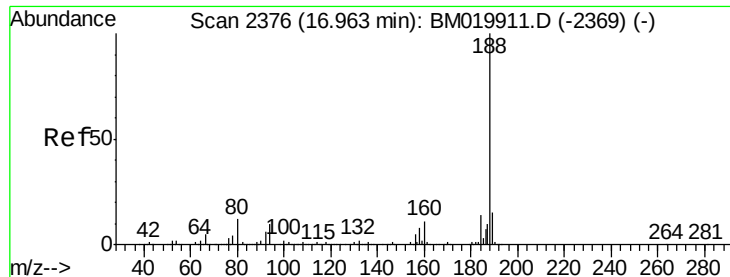
Lab File: BM020026.D

Acq: 23 Apr 2019 04:31

Tgt Ion:	172	Resp:	1216639
Ion Ratio	Lower	Upper	
172	100		
171	35.9	28.9	43.3
170	24.3	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





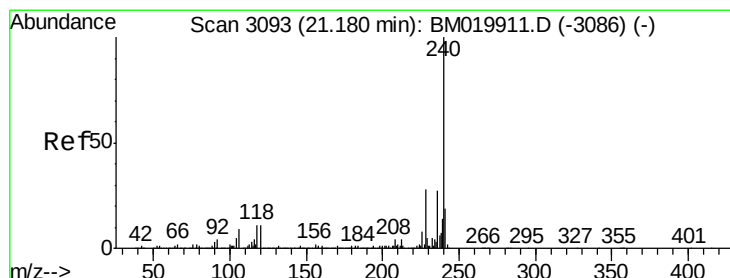
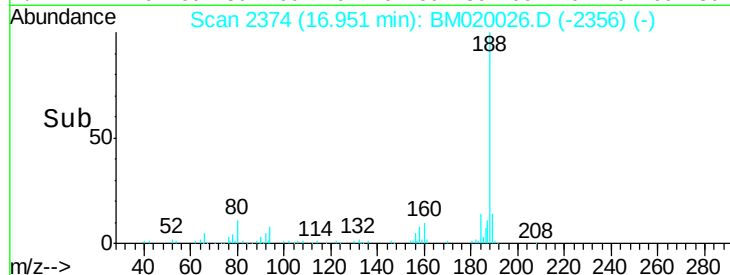
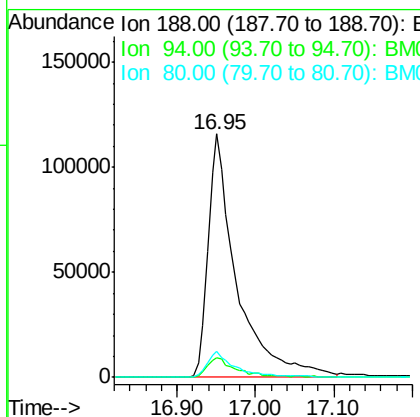
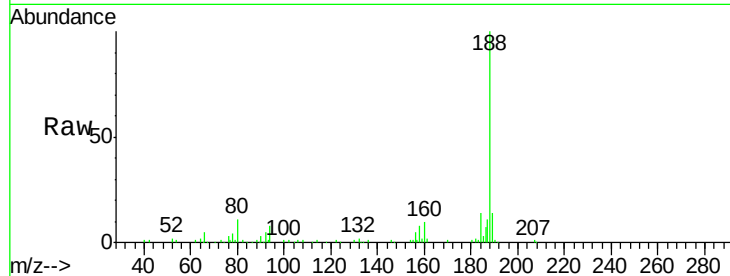
#64
Phenanthrene-d10
Concen: 20.000 ng m
RT: 16.95 min Scan# 2374
Delta R.T. 0.01 min
Lab File: BM020026.D
Acq: 23 Apr 2019 04:31

Instrument :
BNA_M
ClientSampleId :
PB119111BL

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	293439		
94	7.8		7.6	11.4
80	10.6		9.4	14.0

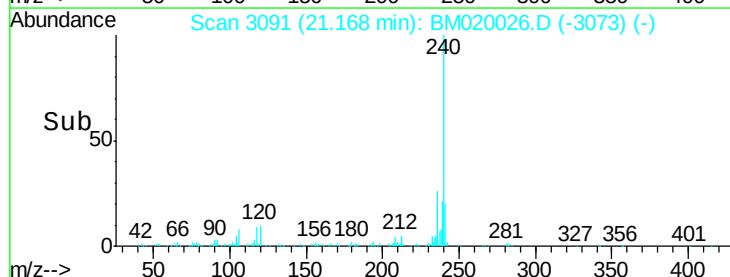
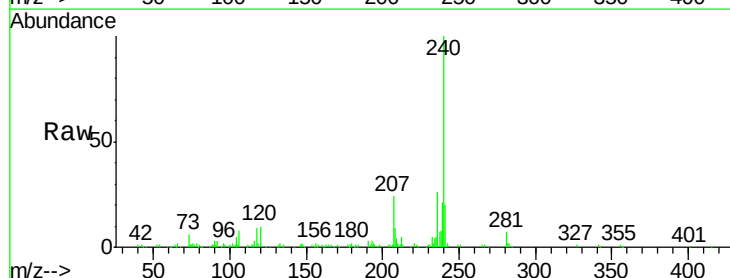
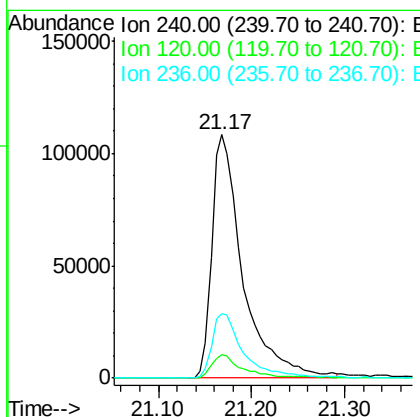
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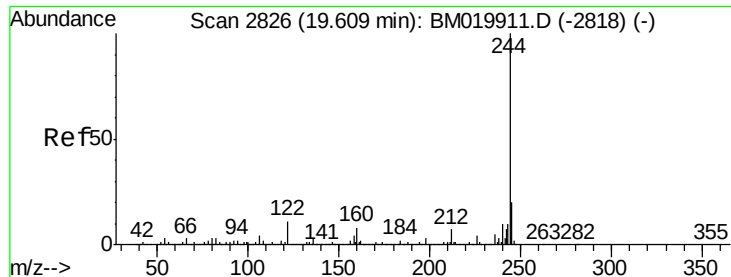
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#76
Chrysene-d12
Concen: 20.000 ng m
RT: 21.17 min Scan# 3091
Delta R.T. 0.01 min
Lab File: BM020026.D
Acq: 23 Apr 2019 04:31

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	251476		
120	9.7		8.6	13.0
236	26.5		21.4	32.2





#79

Terphenyl-d14

Concen: 113.173 ng

RT: 19.58 min Scan# 2821

Delta R.T. -0.01 min

Lab File: BM020026.D

Acq: 23 Apr 2019 04:31

Instrument :

BNA_M

ClientSampleId :

PB119111BL

Tgt Ion:244 Resp: 1613559

Ion Ratio Lower Upper

244 100

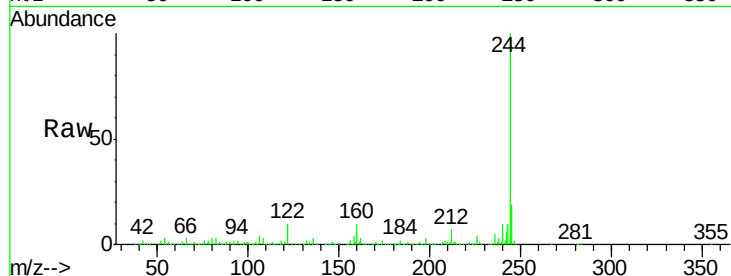
212 7.5 5.7 8.5

122 10.5 9.1 13.7

Manual Integrations
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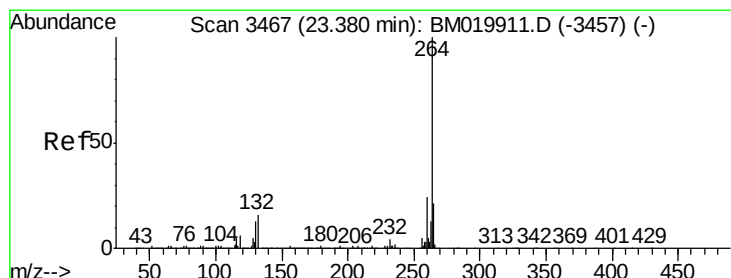
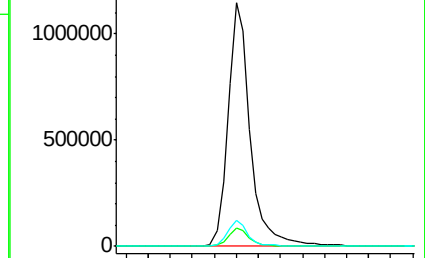
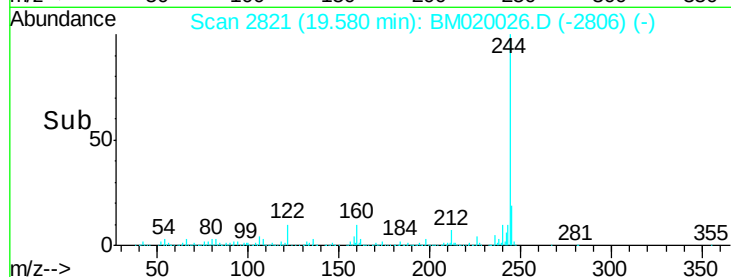
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Abundance Ion 244.00 (243.70 to 244.70): E

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 m

RT: 23.36 min Scan# 3463

Delta R.T. 0.01 min

Lab File: BM020026.D

Acq: 23 Apr 2019 04:31

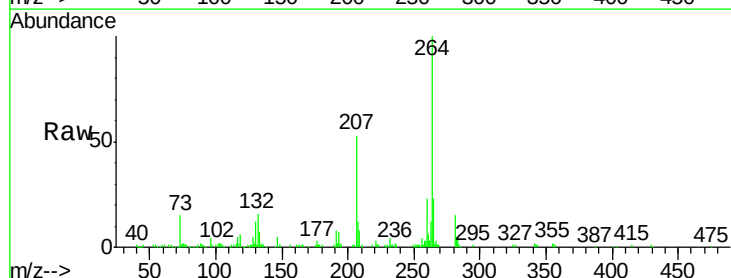
Tgt Ion:264 Resp: 317462

Ion Ratio Lower Upper

264 100

260 23.3 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

