

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012919\
 Data File : BM018689.D
 Acq On : 29 Jan 2019 22:16
 Operator : JU/SJ
 Sample : K1265-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OWS-3(OUTSIDE)

Manual Integrations
 APPROVED

mohammad
 1/30/2019 11:10:47 AM

Quant Time: Jan 30 00:32:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 22:01:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	218499	20.00	ng	-0.01
21) Naphthalene-d8	10.52	136	821809	20.00	ng	-0.01
39) Acenaphthene-d10	14.37	164	425496	20.00	ng	-0.01
64) Phenanthrene-d10	17.12	188	907319	20.00	ng	-0.02
76) Chrysene-d12	21.32	240	892659	20.00	ng	-0.02
87) Perylene-d12	23.58	264	793031	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1698536	143.54	ng	-0.01
7) Phenol-d6	6.90	99	2028793	134.99	ng	-0.01
23) Nitrobenzene-d5	8.89	82	1490285	105.13	ng	-0.01
42) 2,4,6-Tribromophenol	15.87	330	756280	139.59	ng	-0.02
45) 2-Fluorobiphenyl	12.99	172	3098321	95.02	ng	-0.01
79) Terphenyl-d14	19.76	244	4094989	96.70	ng	-0.01
Target Compounds						
32) Benzoic acid	9.77	122	16394m	8.584	ng	Qvalue

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

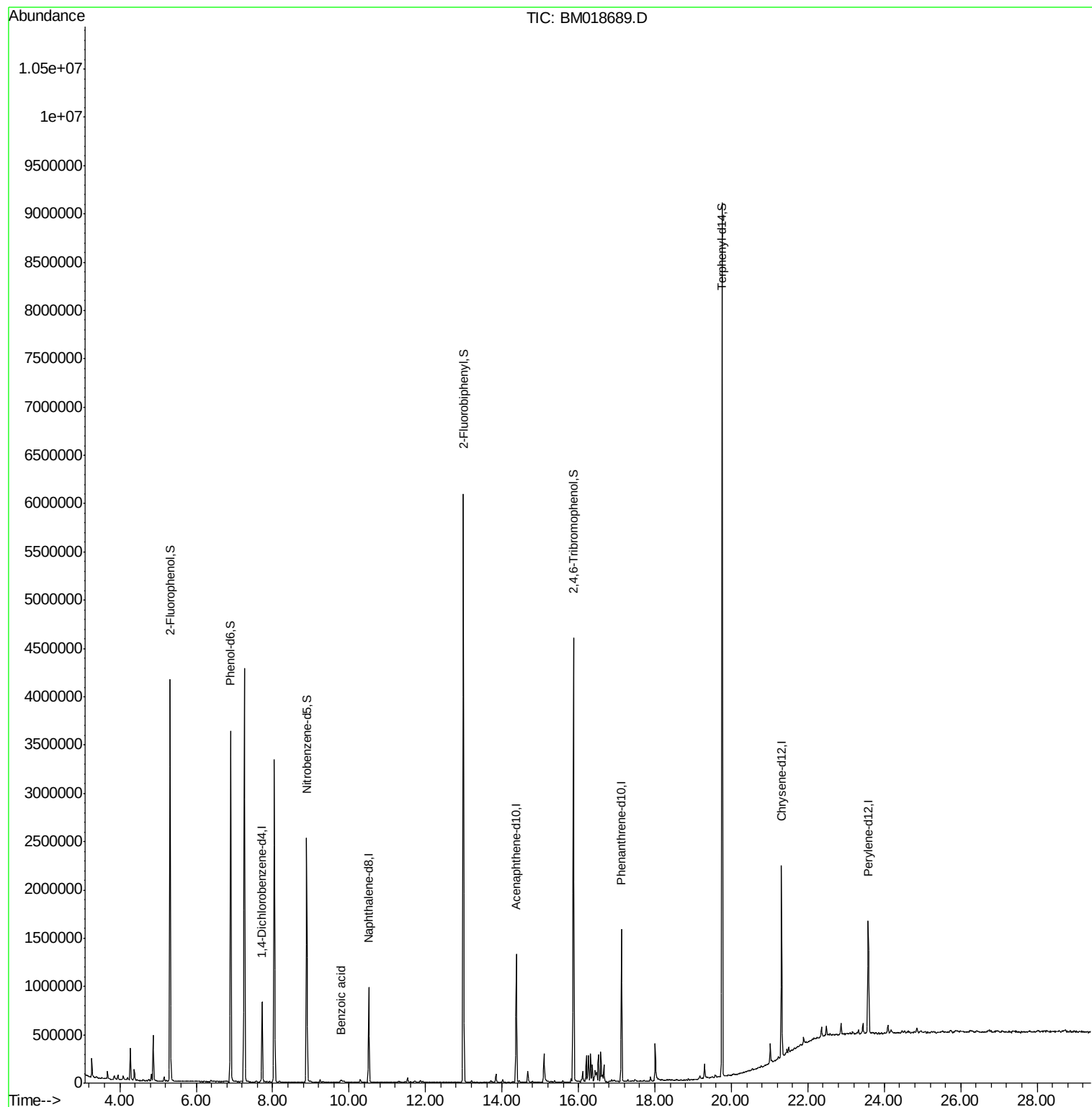
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012919\
Data File : BM018689.D
Acq On : 29 Jan 2019 22:16
Operator : JU/SJ
Sample : K1265-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

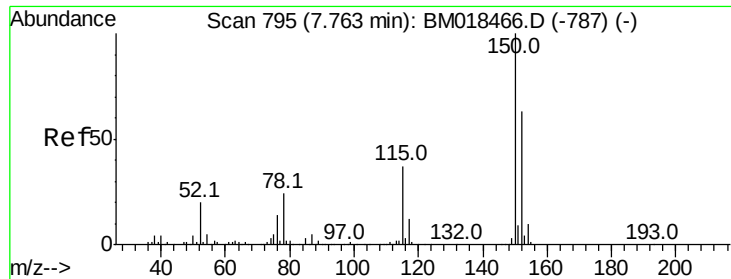
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
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#1

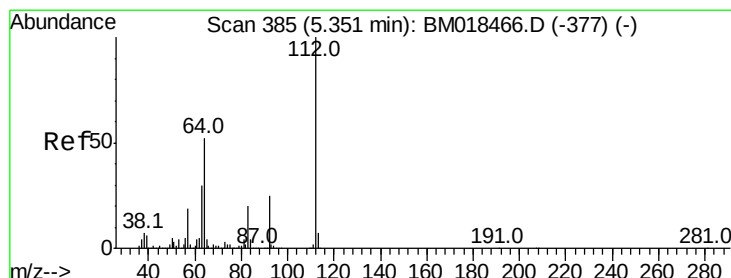
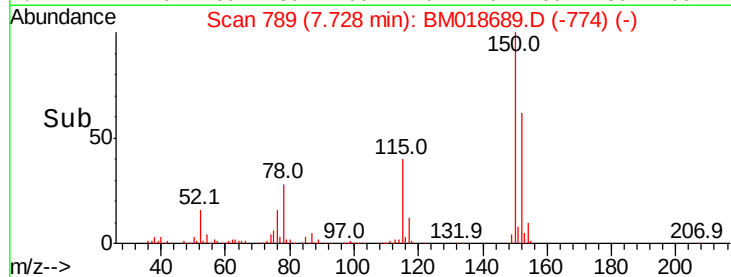
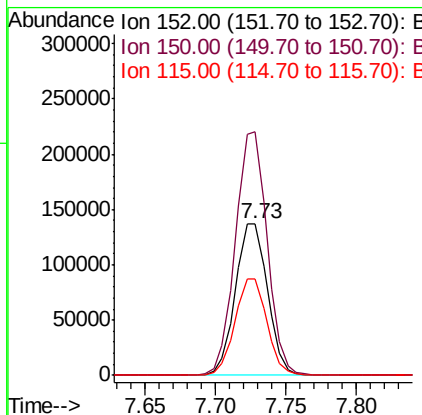
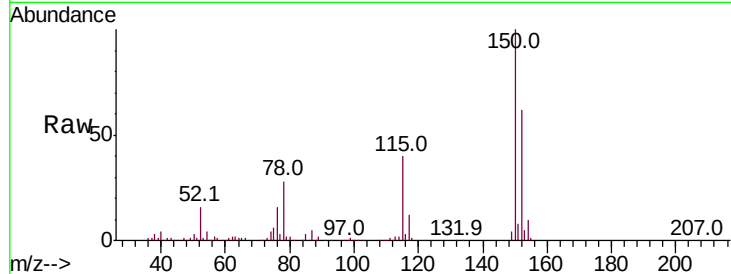
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BM018689.D
Acq: 29 Jan 2019 22:16

Instrument :
BNA_M
ClientSampleId :
OWS-3(OUTSIDE)

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	126.9	190.3
115	63.7	45.5	68.3

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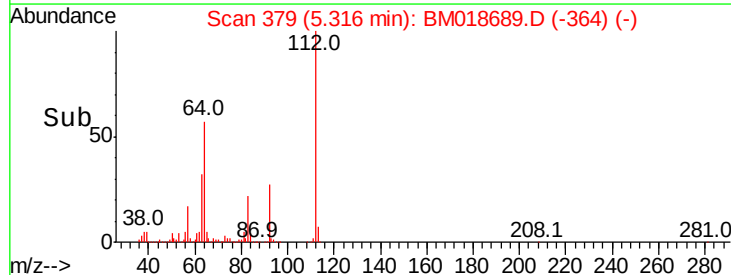
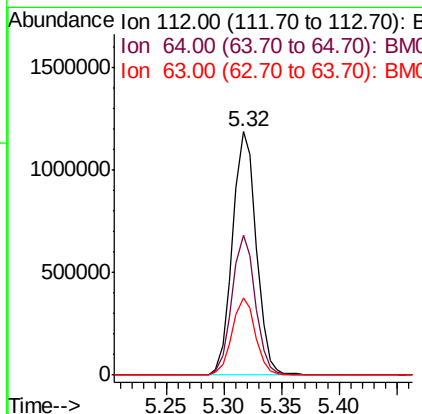
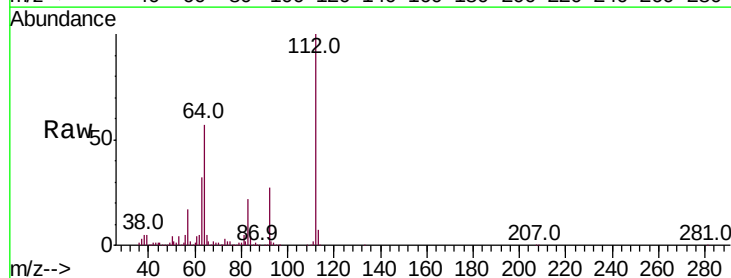
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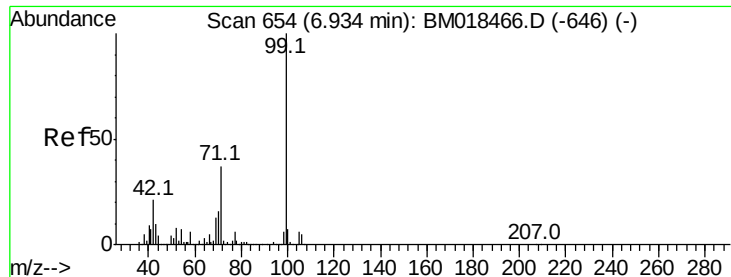


#5

2-Fluorophenol
Concen: 143.540 ng
RT: 5.32 min Scan# 379
Delta R.T. -0.01 min
Lab File: BM018689.D
Acq: 29 Jan 2019 22:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	46.5	69.7
63	31.7	25.2	37.8





#7

Phenol-d6

Concen: 134.987 ng

RT: 6.90 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018689.D

Acq: 29 Jan 2019 22:16

Instrument :

BNA_M

ClientSampleId :

OVS-3(OUTSIDE)

Tot Ion: 99 Resp: 2028793

Ion Ratio Lower Upper

99 100

42 14.9 17.3 25.9#

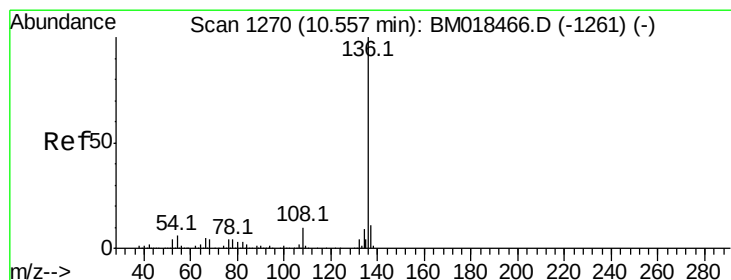
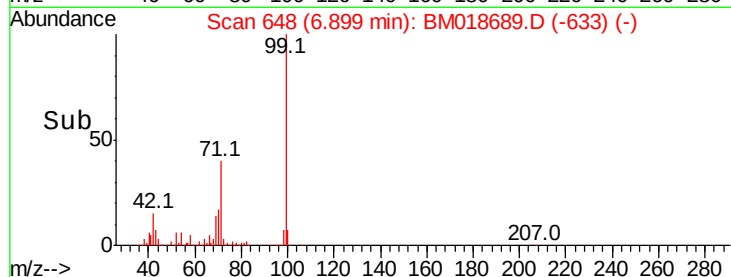
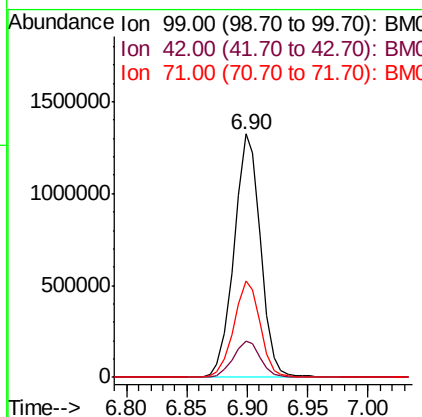
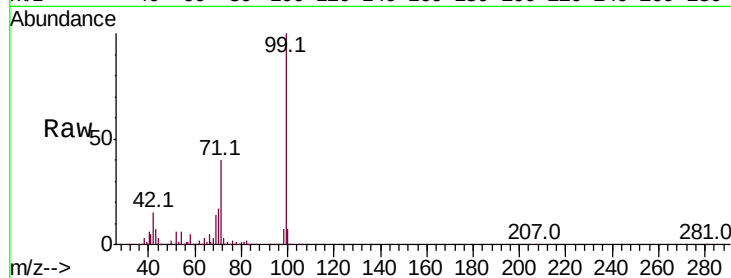
71 39.6 28.0 42.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.52 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BM018689.D

Acq: 29 Jan 2019 22:16

Tgt Ion: 136 Resp: 821809

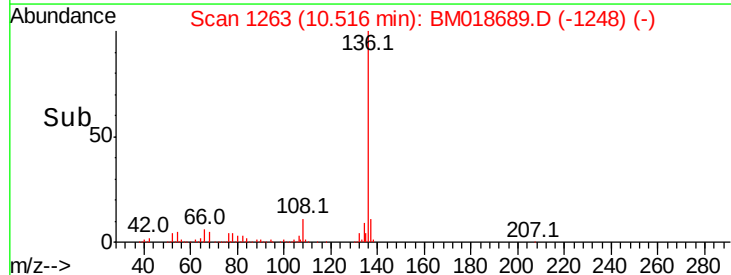
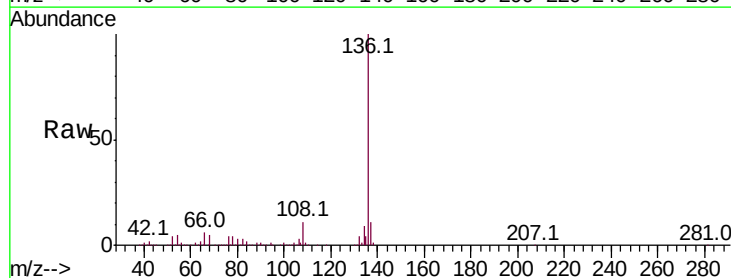
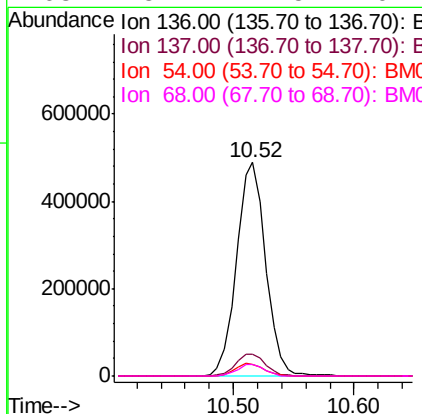
Ion Ratio Lower Upper

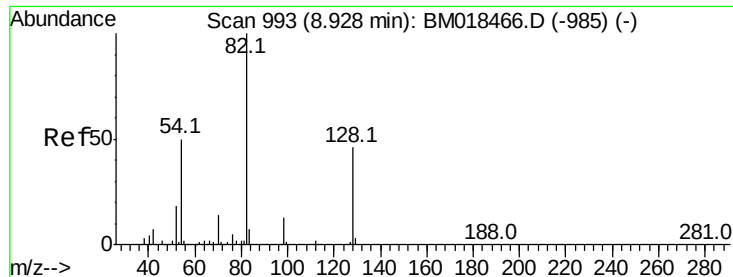
136 100

137 10.5 8.5 12.7

54 5.4 6.0 9.0#

68 5.4 4.5 6.7





#23

Nitrobenzene-d5

Concen: 105.126 ng

RT: 8.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BM018689.D

Acq: 29 Jan 2019 22:16

Instrument :

BNA_M

ClientSampleId :

OVS-3(OUTSIDE)

Tot Ion: 82 Resp: 1490285

Ion Ratio Lower Upper

82 100

128 40.2 36.3 54.5

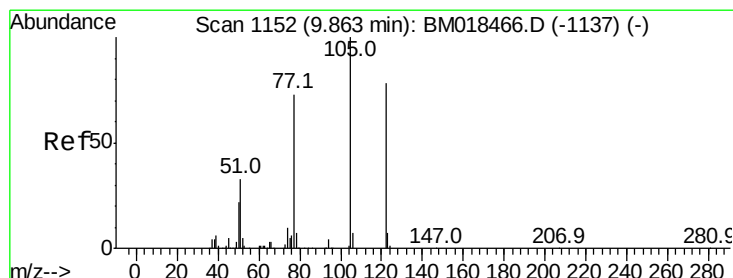
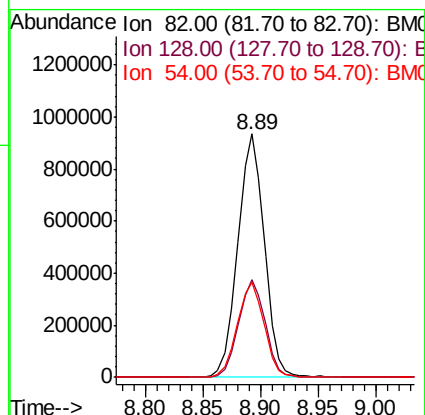
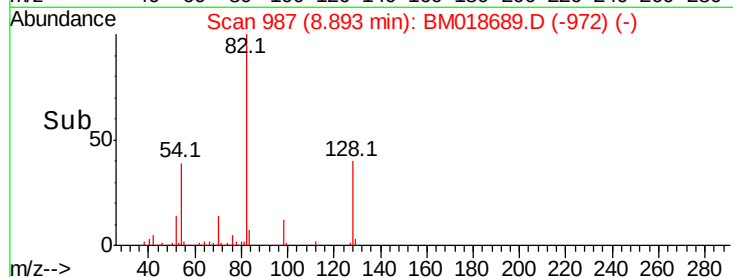
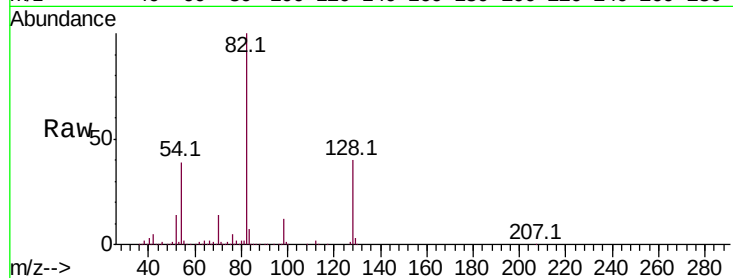
54 39.1 41.7 62.5#

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#32

Benzoic acid

Concen: 8.584 ng m

RT: 9.77 min Scan# 1136

Delta R.T. -0.10 min

Lab File: BM018689.D

Acq: 29 Jan 2019 22:16

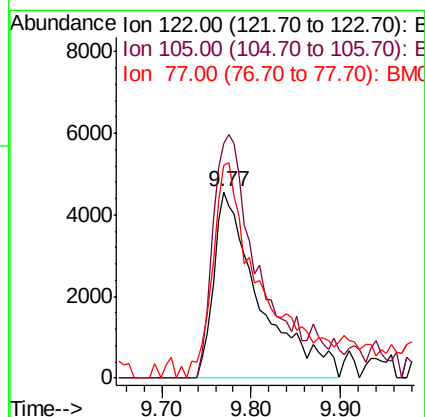
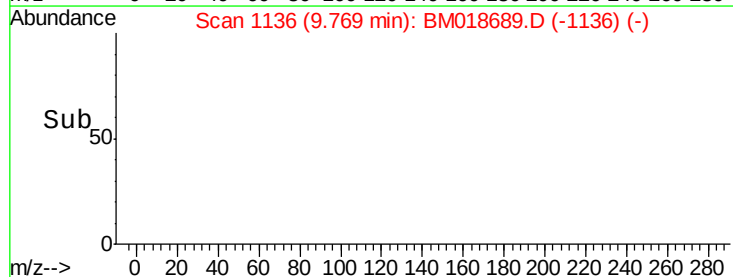
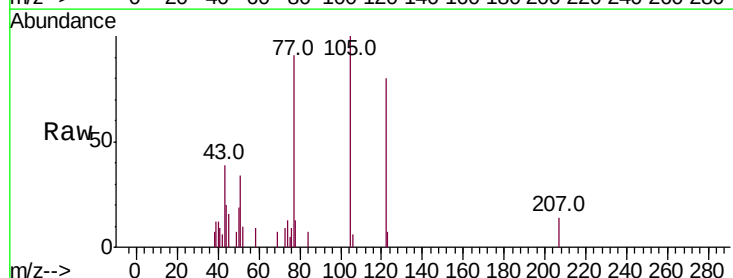
Tgt Ion: 122 Resp: 16394

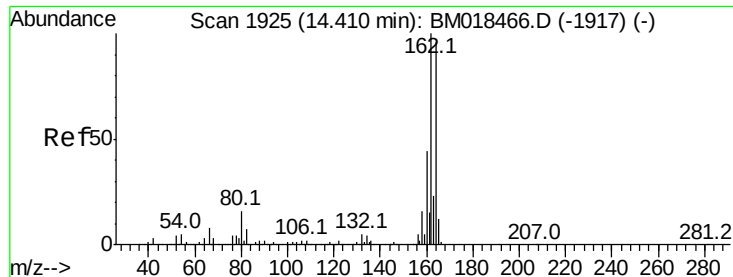
Ion Ratio Lower Upper

122 100

105 125.7 100.4 140.4

77 114.4 71.7 111.7#





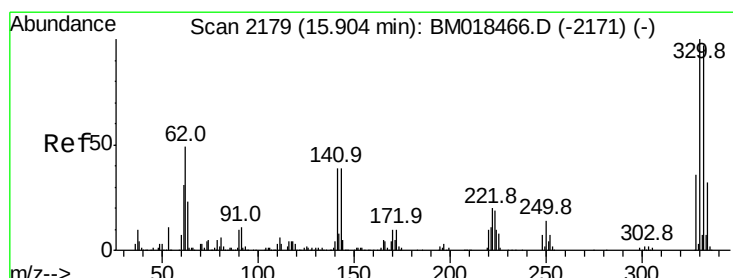
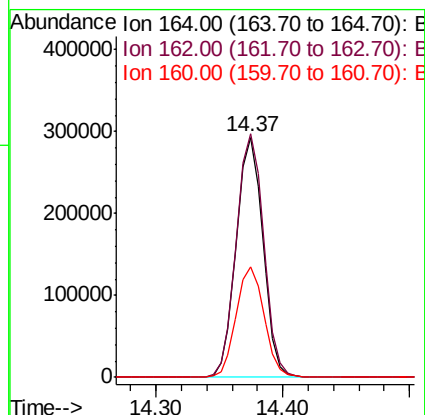
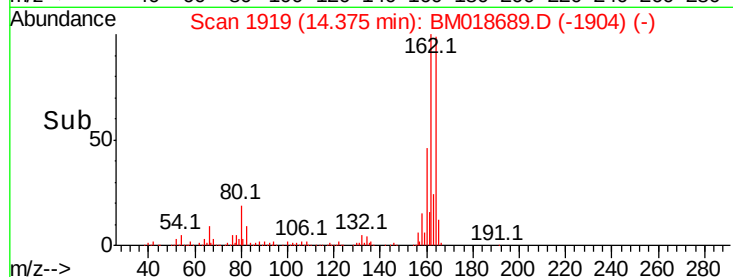
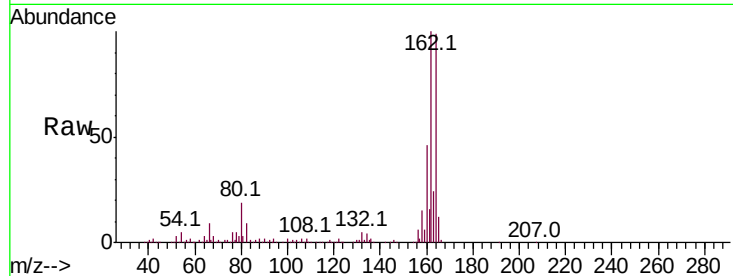
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.37 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BM018689.D
Acq: 29 Jan 2019 22:16

Instrument :
BNA_M
ClientSampleId :
OWS-3(OUTSIDE)

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	83.0	124.4
160	46.3	37.1	55.7

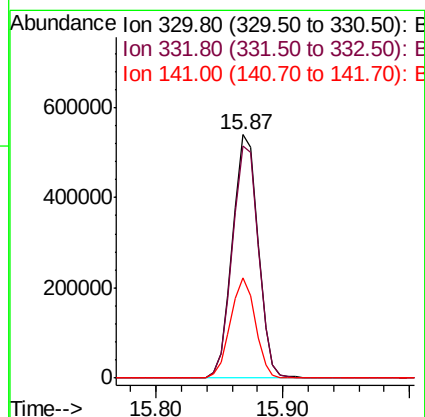
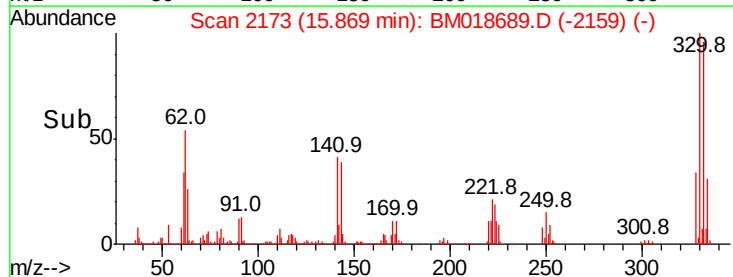
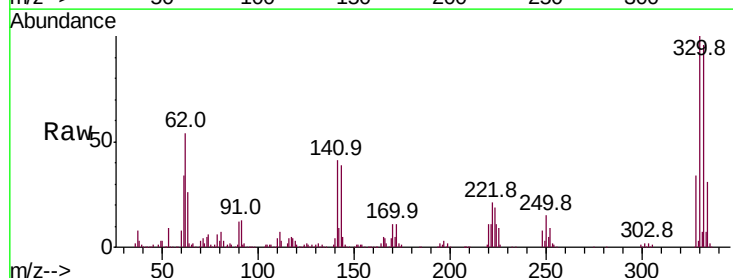
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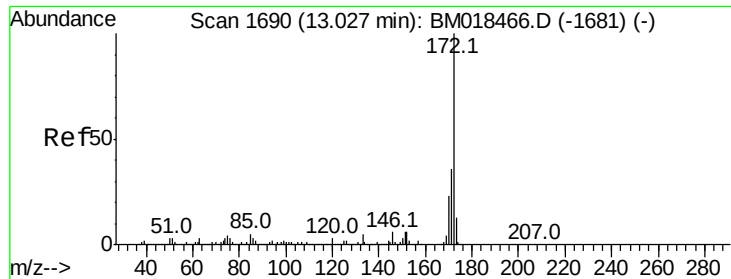
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#42
2,4,6-Tribromophenol
Concen: 139.593 ng
RT: 15.87 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BM018689.D
Acq: 29 Jan 2019 22:16

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.6	116.4
141	39.9	31.7	47.5





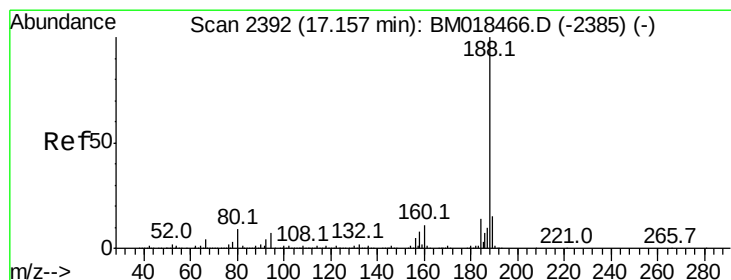
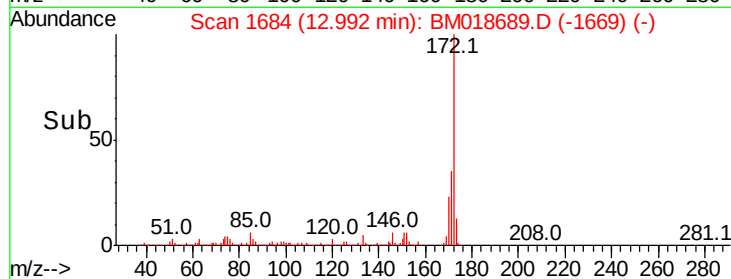
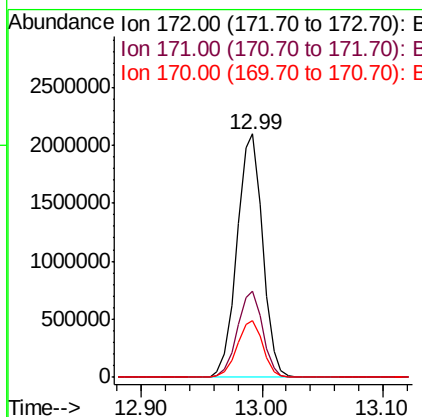
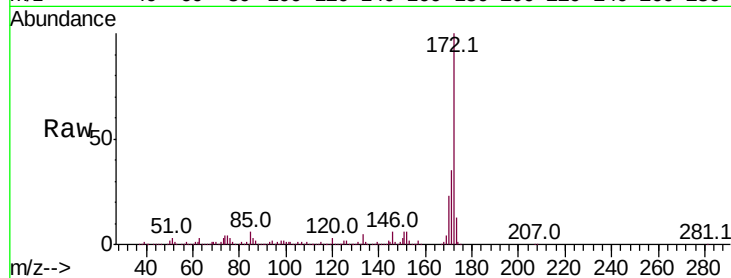
#45
2-Fluorobiphenyl
Concen: 95.016 ng
RT: 12.99 min Scan# 1684
Delta R.T. -0.01 min
Lab File: BM018689.D
Acq: 29 Jan 2019 22:16

Instrument :
BNA_M
ClientSampleId :
OWS-3(OUTSIDE)

Tot Ion:172 Resp: 3098321
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.2 18.9 28.3

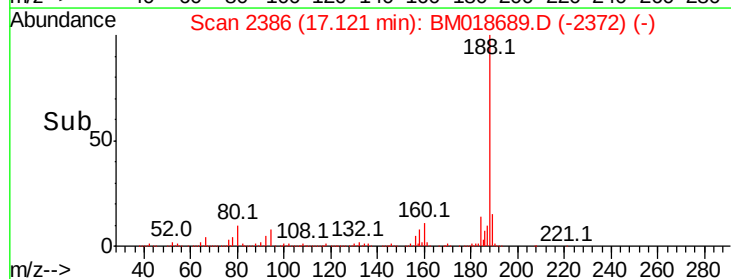
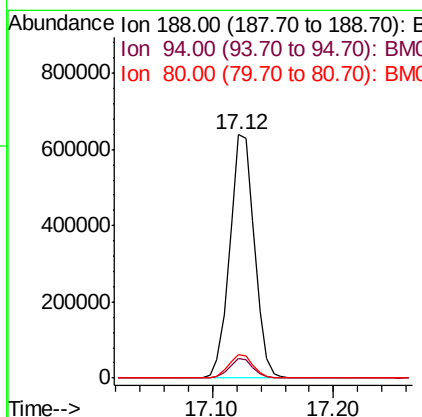
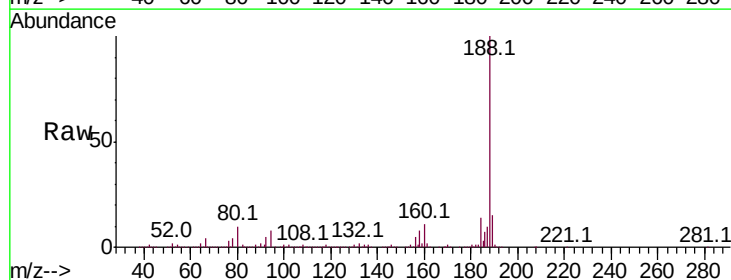
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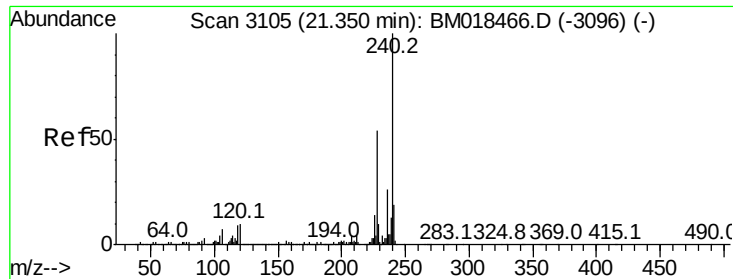
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2386
Delta R.T. -0.02 min
Lab File: BM018689.D
Acq: 29 Jan 2019 22:16

Tgt Ion:188 Resp: 907319
Ion Ratio Lower Upper
188 100
94 8.2 7.1 10.7
80 9.6 7.6 11.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.32 min Scan# 3099

Delta R.T. -0.02 min

Lab File: BM018689.D

Acq: 29 Jan 2019 22:16

Instrument :

BNA_M

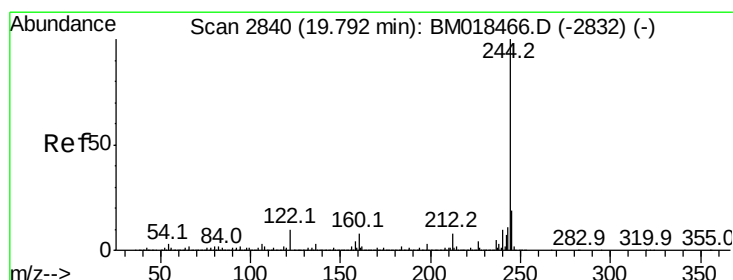
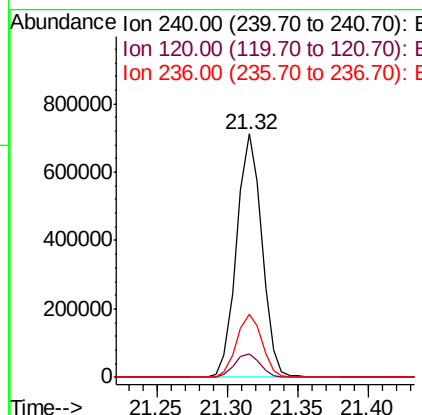
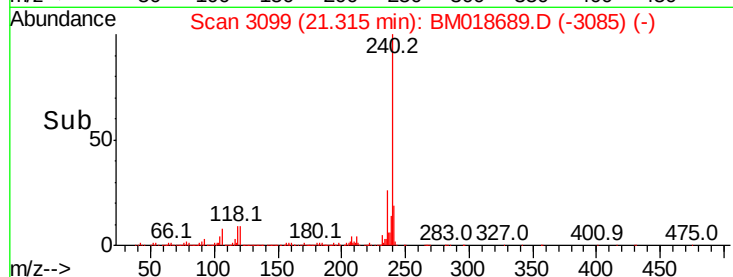
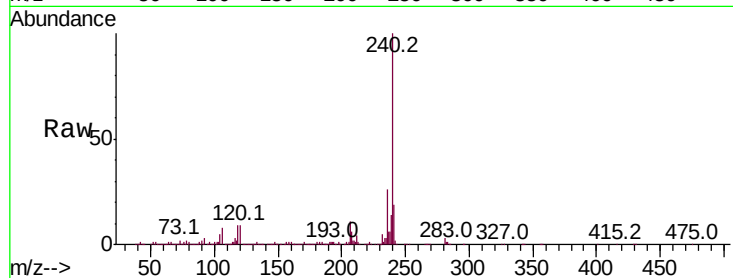
ClientSampleId :

OVS-3(OUTSIDE)

Tot Ion:	240	Resp:	892659
Ion Ratio	Lower	Upper	
240	100		
120	9.5	8.4	12.6
236	25.7	20.7	31.1

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#79

Terphenyl-d14

Concen: 96.704 ng

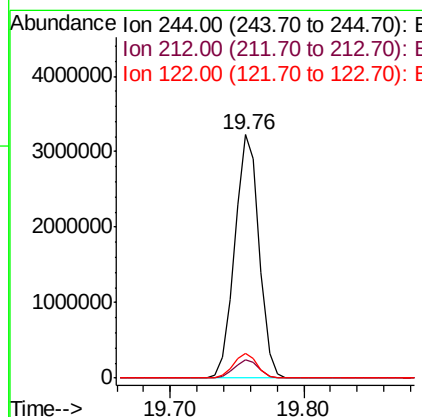
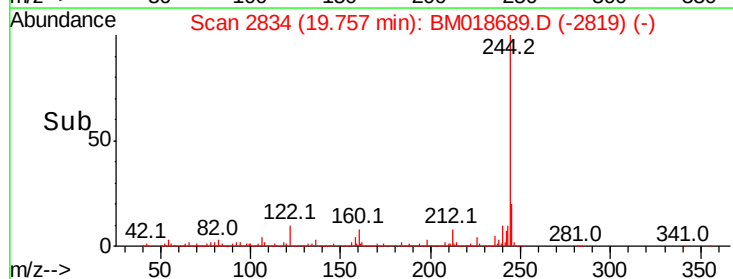
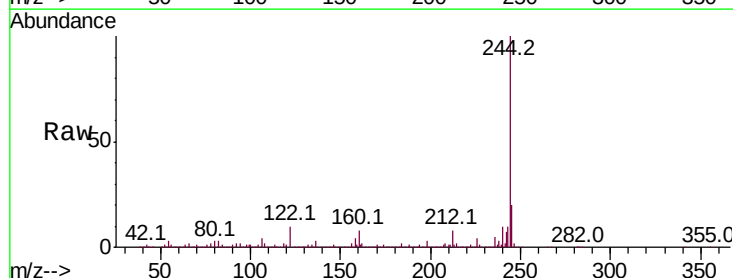
RT: 19.76 min Scan# 2834

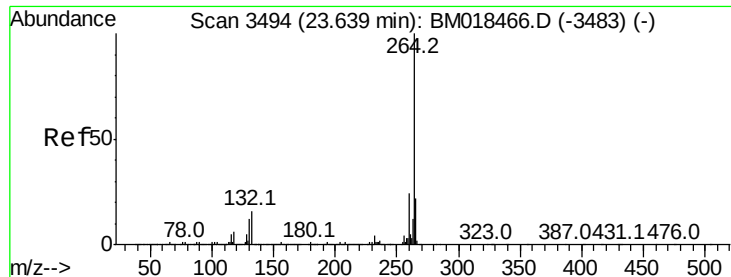
Delta R.T. -0.01 min

Lab File: BM018689.D

Acq: 29 Jan 2019 22:16

Tgt Ion:	244	Resp:	4094989
Ion Ratio	Lower	Upper	
244	100		
212	7.7	5.9	8.9
122	10.4	9.0	13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.58 min Scan# 3484
Delta R.T. -0.02 min
Lab File: BM018689.D
Acq: 29 Jan 2019 22:16

Instrument :
BNA_M
ClientSampleId :
OWS-3(OUTSIDE)

Tot Ion:	264	Resp:	793031
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.9	28.3
265	22.3	16.8	25.2

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