

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
 Data File : BM018610.D
 Acq On : 17 Jan 2019 12:48
 Operator : JU/SJ
 Sample : K1149-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SW002-190114-01

Manual Integrations
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Sohil
 1/18/2019 12:06:52 PM

Quant Time: Jan 18 04:55:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	351464	20.00	ng	-0.02
21) Naphthalene-d8	10.53	136	1397212	20.00	ng	-0.02
39) Acenaphthene-d10	14.39	164	741085	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	1456320	20.00	ng	-0.02
76) Chrysene-d12	21.33	240	1544012	20.00	ng	-0.02
87) Perylene-d12	23.61	264	1425362	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1263140	66.36	ng	-0.02
7) Phenol-d6	6.92	99	1325191	54.82	ng	-0.02
23) Nitrobenzene-d5	8.91	82	1974831	81.94	ng	-0.01
42) 2,4,6-Tribromophenol	15.89	330	1153033	122.19	ng	-0.02
45) 2-Fluorobiphenyl	13.01	172	4774227	84.06	ng	-0.01
79) Terphenyl-d14	19.77	244	6212235	84.82	ng	-0.01
Target Compounds						
3) Pyridine	3.68	79	655072	33.869	ng	Qvalue 96
17) 2-Methylphenol	8.19	107	37664	2.259	ng	97
20) 3+4-Methylphenols	8.52	107	53739	2.334	ng	87
80) Butylbenzylphthalate	20.47	149	84801	2.171	ng	94
81) Benzo(a)anthracene	21.32	228	216894	2.384	ng	97
83) Chrysene	21.37	228	212727m	2.422	ng	
84) Bis(2-ethylhexyl)phthalate	21.24	149	118360	2.099	ng	98
88) Benzo(b)fluoranthene	22.92	252	167012	2.064	ng	# 88

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

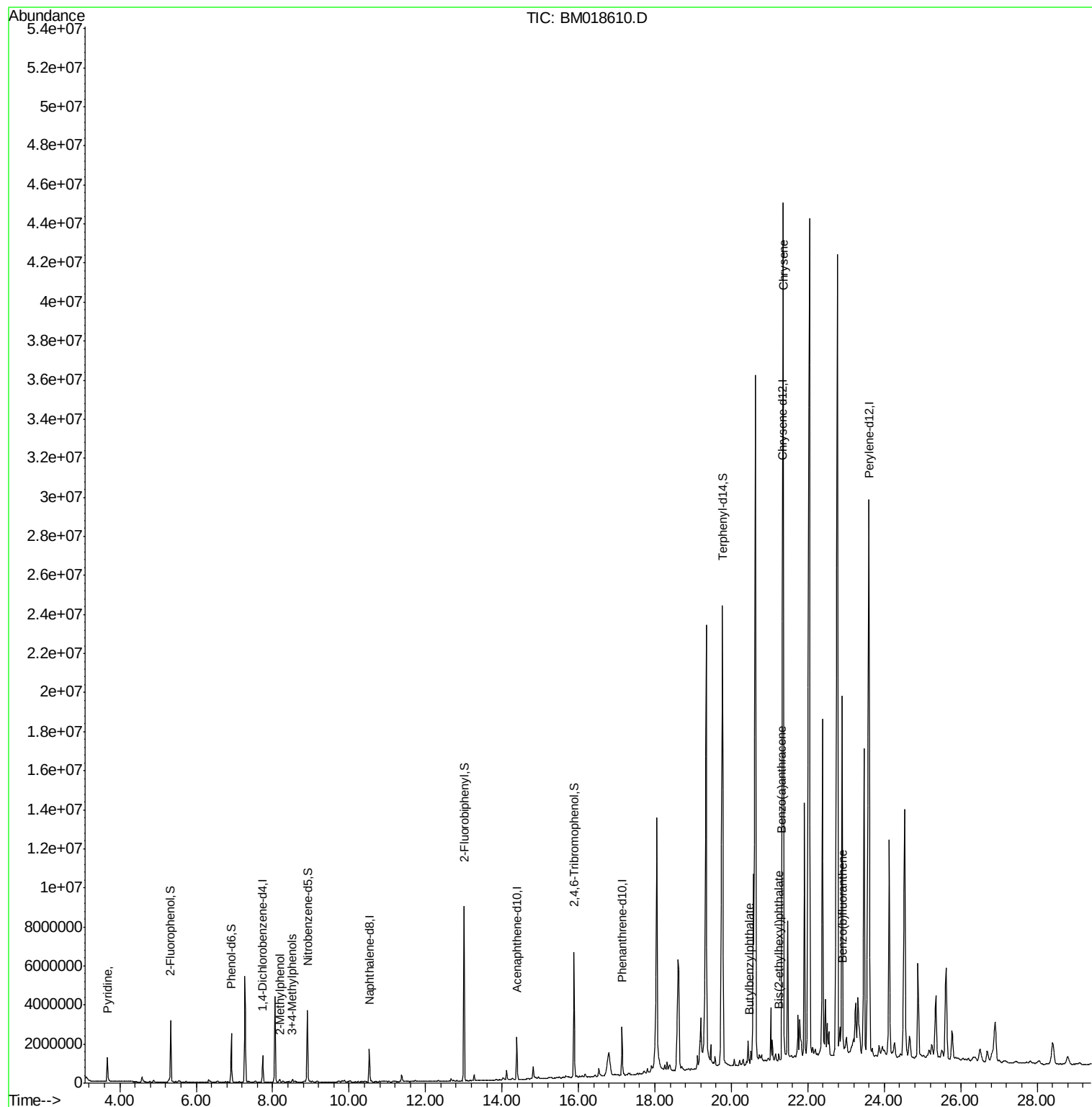
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018610.D
Acq On : 17 Jan 2019 12:48
Operator : JU/SJ
Sample : K1149-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

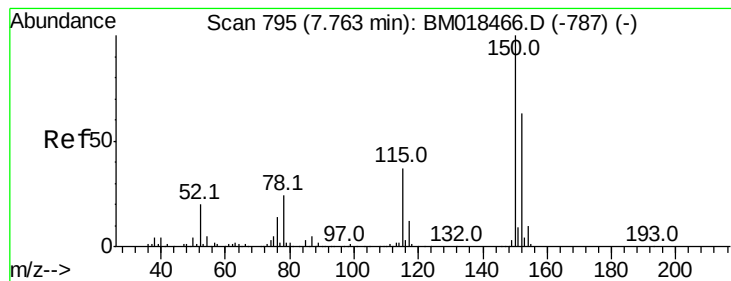
Instrument :
BNA_M
ClientSampleId :
SW002-190114-01

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Quant Time: Jan 18 04:55:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
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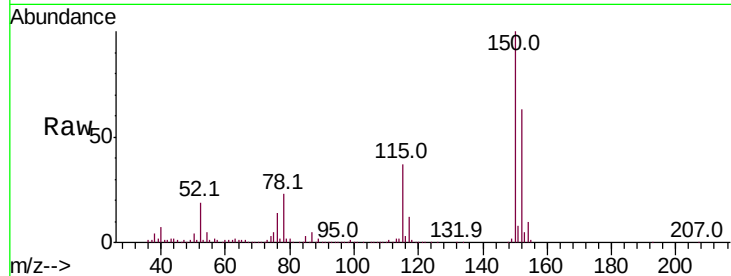
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.74 min Scan# 791
 Delta R.T. -0.02 min
 Lab File: BM018610.D
 Acq: 17 Jan 2019 12:48

Instrument :
 BNA_M
 ClientSampleId :
 SW002-190114-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.9	190.3
115	58.8	45.5	68.3

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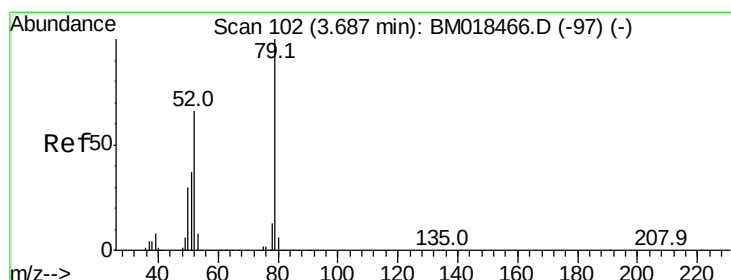
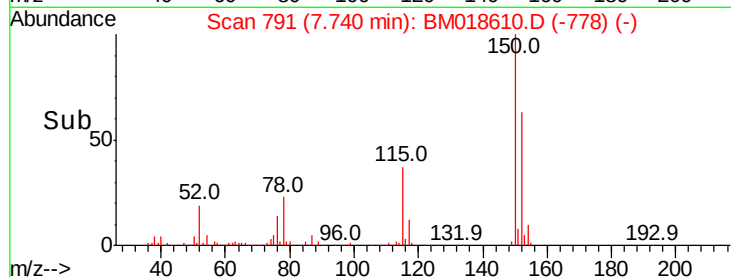
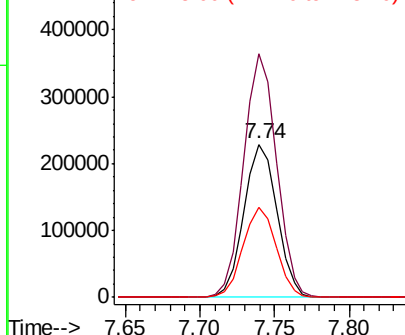


Abundance

Ion 152.00 (151.70 to 152.70): E

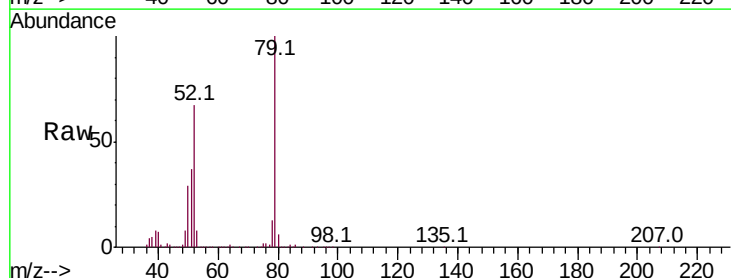
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#3
 Pyridine
 Concen: 33.869 ng
 RT: 3.68 min Scan# 100
 Delta R.T. -0.04 min
 Lab File: BM018610.D
 Acq: 17 Jan 2019 12:48

Tgt Ion	Ratio	Lower	Upper
79	100		
52	66.6	56.4	84.6
51	37.1	31.0	46.4

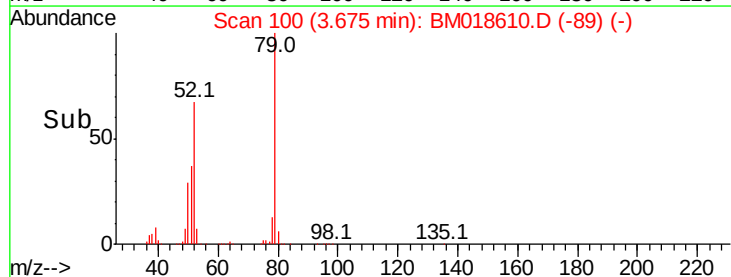
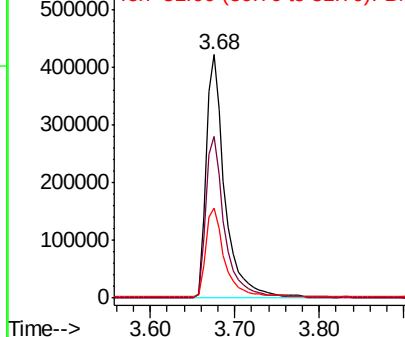


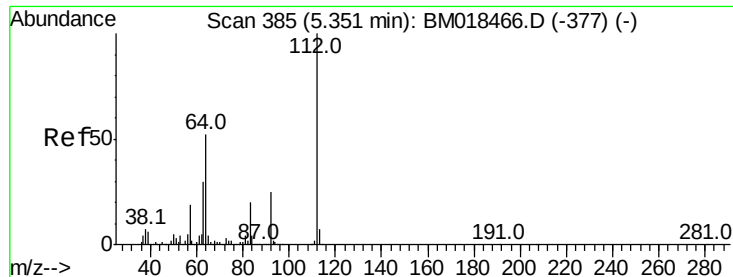
Abundance

Ion 79.00 (78.70 to 79.70): BM0

Ion 52.00 (51.70 to 52.70): BM0

Ion 51.00 (50.70 to 51.70): BM0





#5

2-Fluorophenol

Concen: 66.362 ng

RT: 5.33 min Scan# 382

Delta R.T. -0.02 min

Lab File: BM018610.D

Acq: 17 Jan 2019 12:48

Instrument :

BNA_M

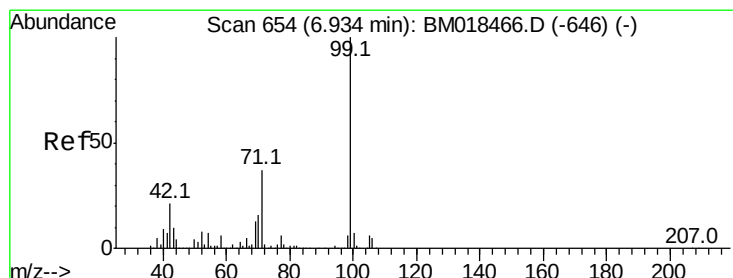
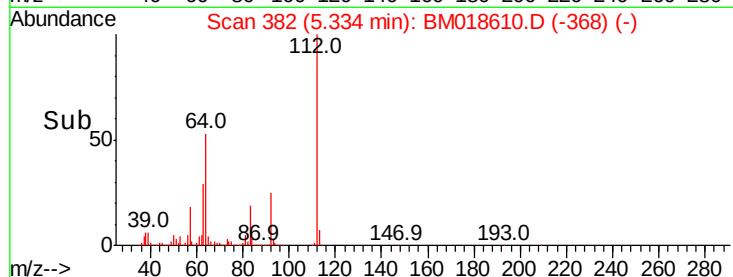
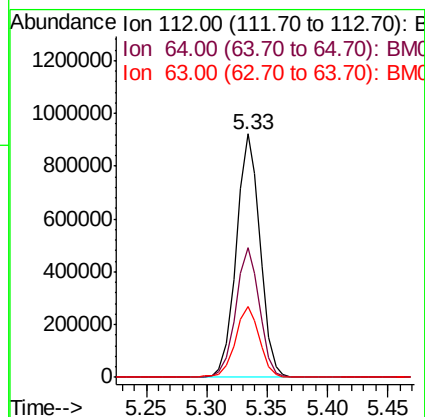
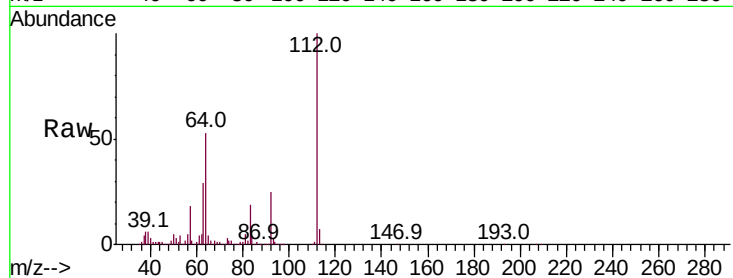
ClientSampleId :

SW002-190114-01

Tot Ion:	112	Resp:	1263140
Ion	Ratio	Lower	Upper
112	100		
64	53.1	46.5	69.7
63	29.2	25.2	37.8

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#7

Phenol-d6

Concen: 54.815 ng

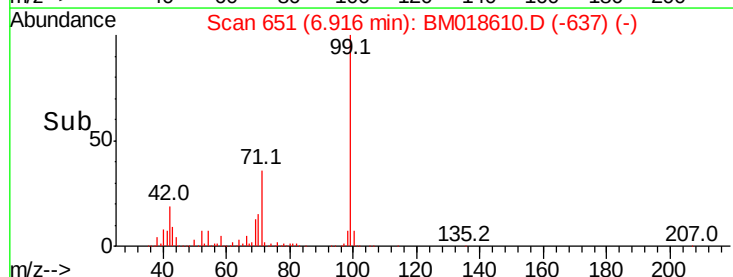
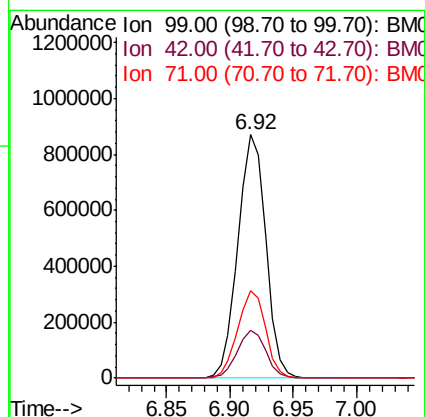
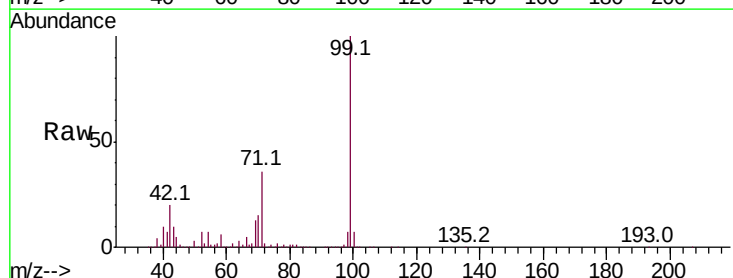
RT: 6.92 min Scan# 651

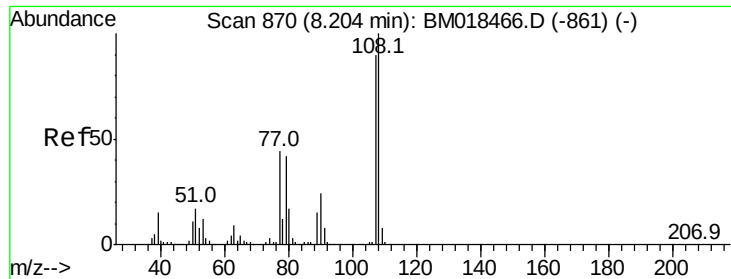
Delta R.T. -0.02 min

Lab File: BM018610.D

Acq: 17 Jan 2019 12:48

Tgt Ion:	99	Resp:	1325191
Ion	Ratio	Lower	Upper
99	100		
42	19.6	17.3	25.9
71	36.0	28.0	42.0





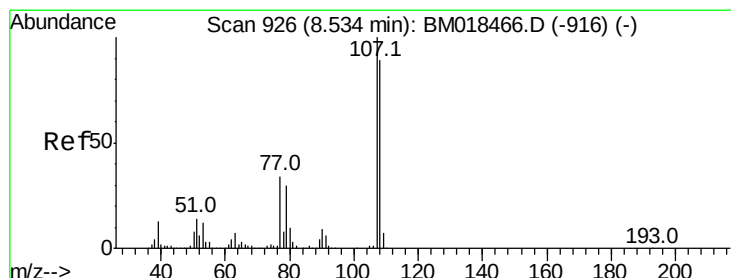
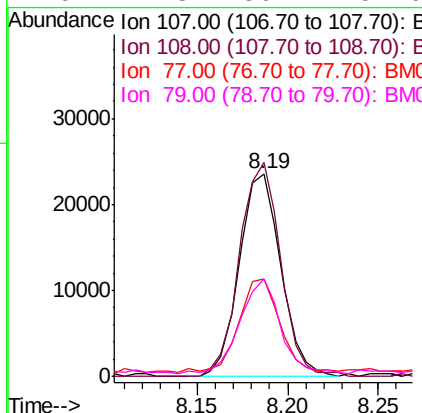
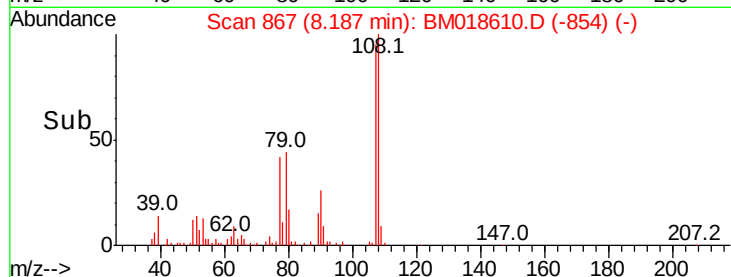
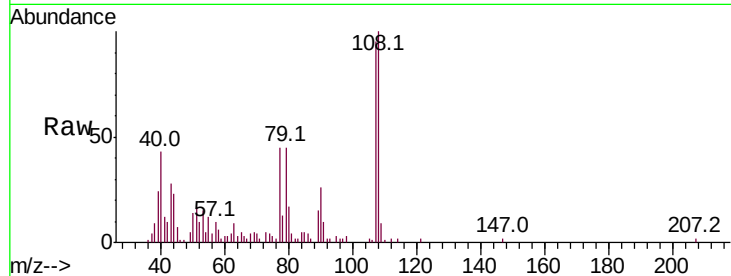
#17
2-Methylphenol
Concen: 2.259 ng
RT: 8.19 min Scan# 867
Delta R.T. -0.02 min
Lab File: BM018610.D
Acq: 17 Jan 2019 12:48

Instrument :
BNA_M
ClientSampleId :
SW002-190114-01

Tot Ion	107	Resp	37664
Ion Ratio	Lower	Upper	
107	100		
108	105.4	87.5	131.3
77	47.9	37.3	55.9
79	47.8	36.4	54.6

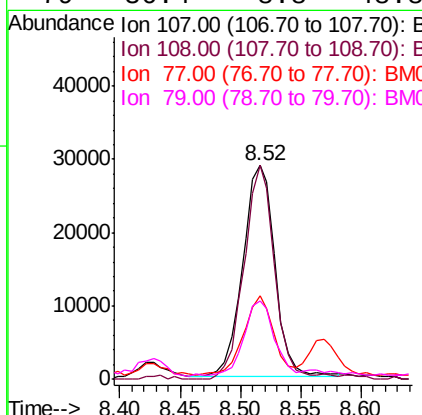
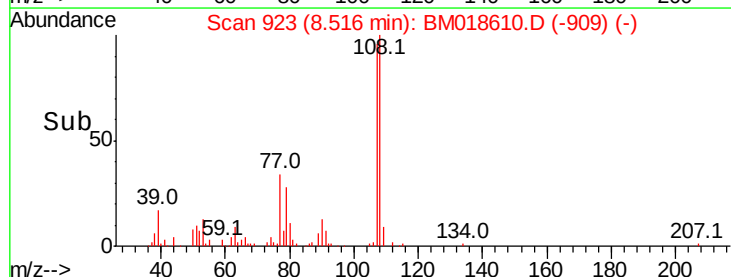
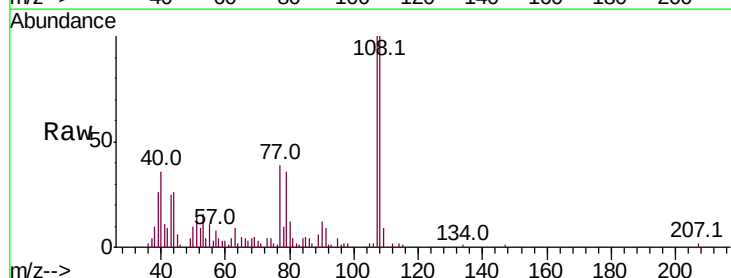
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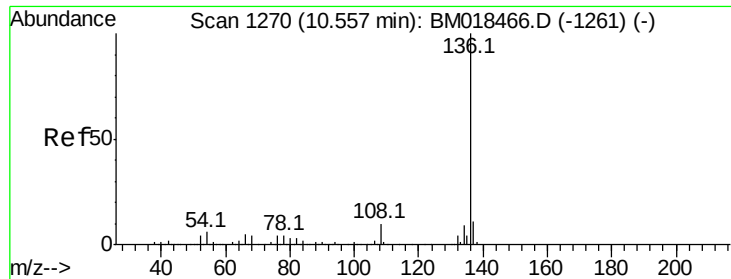
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#20
3+4-Methylphenols
Concen: 2.334 ng
RT: 8.52 min Scan# 923
Delta R.T. -0.02 min
Lab File: BM018610.D
Acq: 17 Jan 2019 12:48

Tgt Ion	107	Resp	53739
Ion Ratio	Lower	Upper	
107	100		
108	99.9	66.8	106.8
77	38.9	13.3	53.3
79	36.4	8.8	48.8





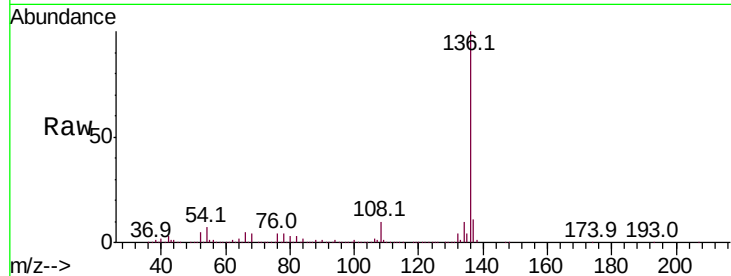
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BM018610.D
Acq: 17 Jan 2019 12:48

Instrument :
BNA_M
ClientSampleId :
SW002-190114-01

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	6.5	6.0	9.0
68	4.3	4.5	6.7#

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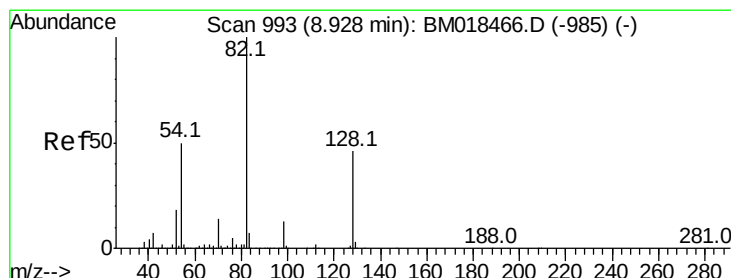
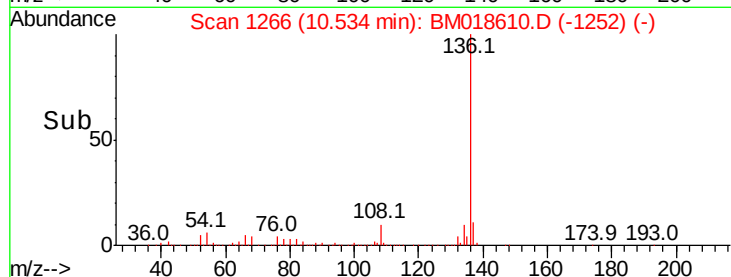
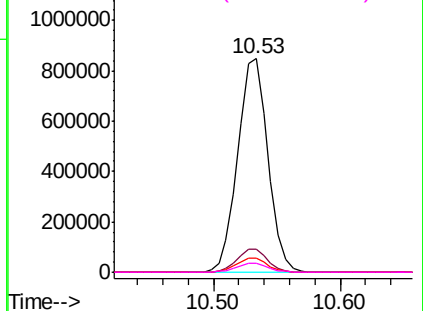
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23
Nitrobenzene-d5
Concen: 81.937 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BM018610.D
Acq: 17 Jan 2019 12:48

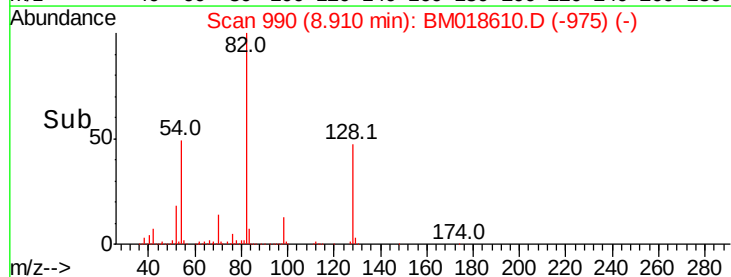
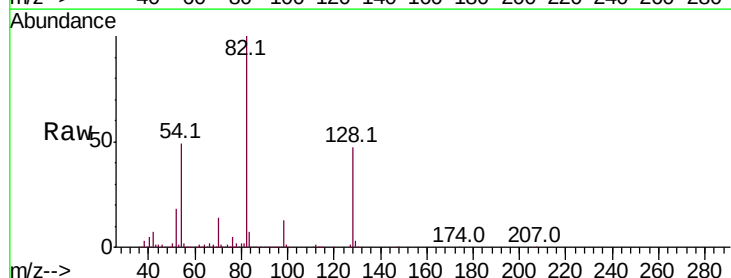
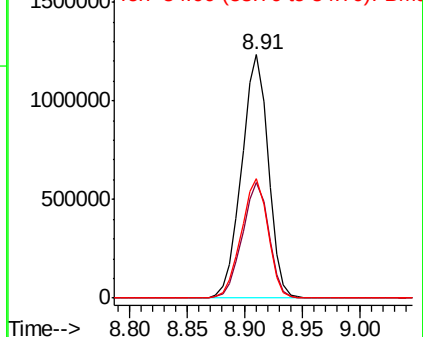
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.3	36.3	54.5
54	48.8	41.7	62.5

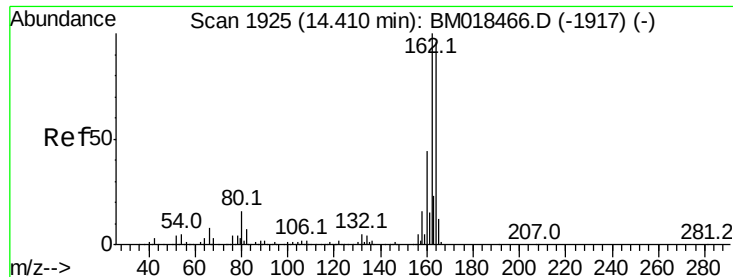
Abundance

Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





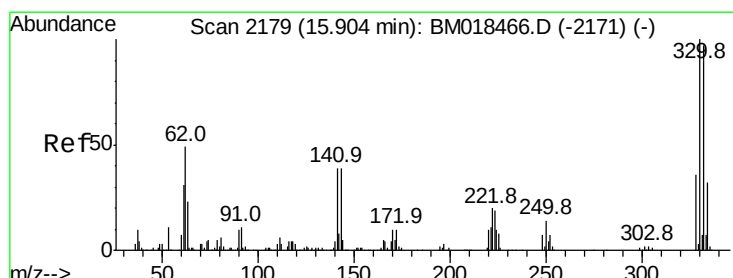
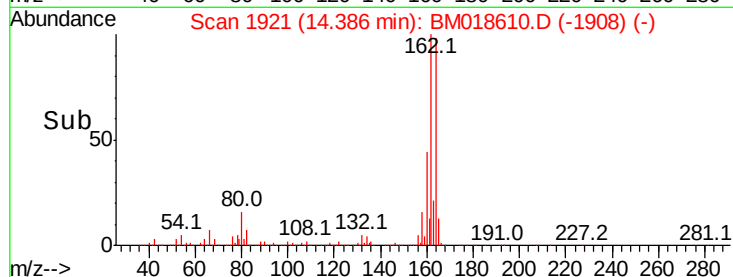
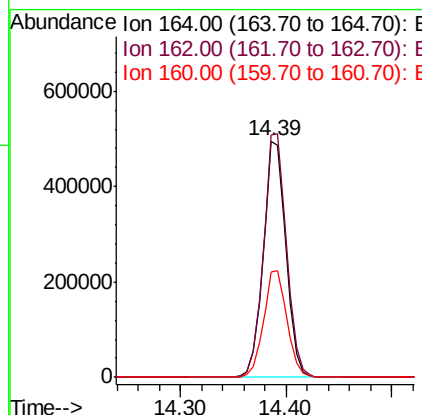
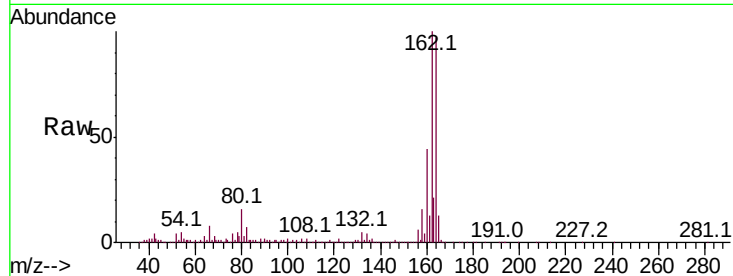
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1921
Delta R.T. -0.02 min
Lab File: BM018610.D
Acq: 17 Jan 2019 12:48

Instrument :
BNA_M
ClientSampleId :
SW002-190114-01

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	83.0	124.4
160	44.8	37.1	55.7

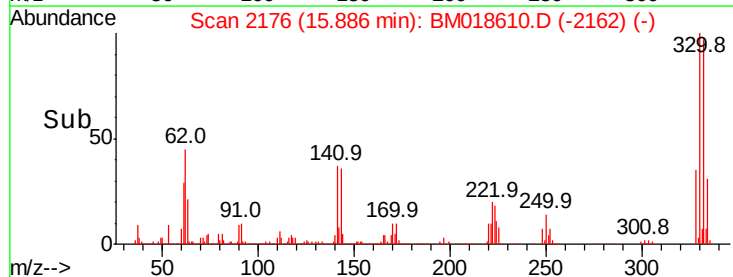
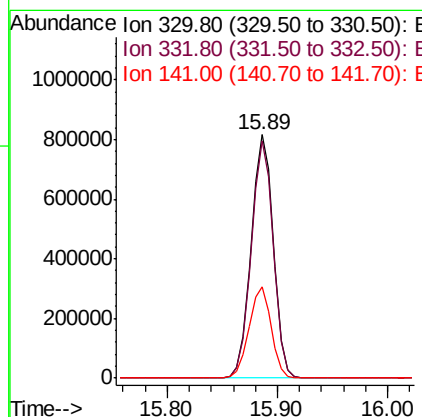
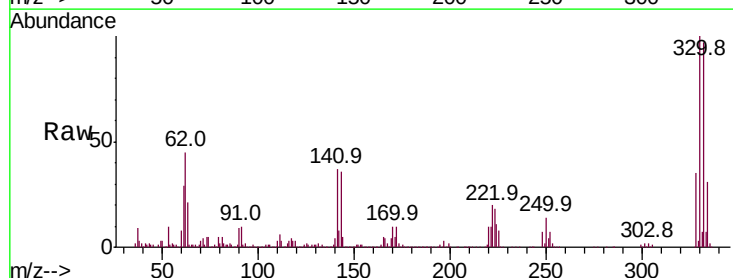
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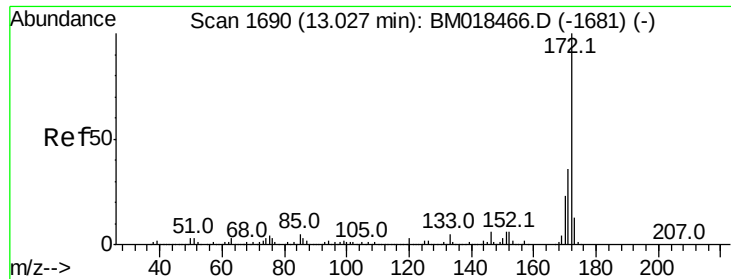
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#42
2,4,6-Tribromophenol
Concen: 122.194 ng
RT: 15.89 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BM018610.D
Acq: 17 Jan 2019 12:48

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.6	116.4
141	37.2	31.7	47.5





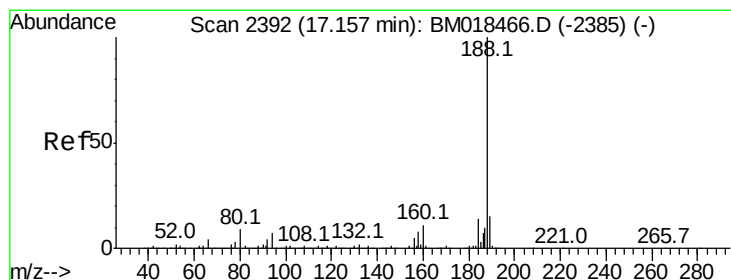
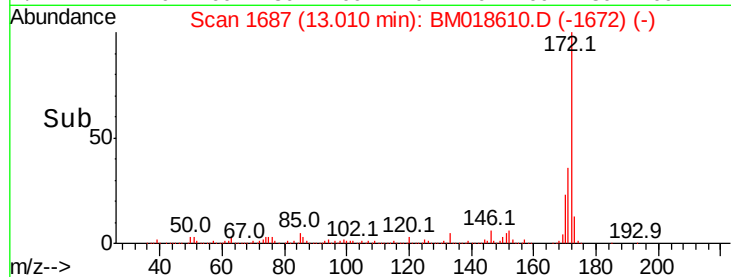
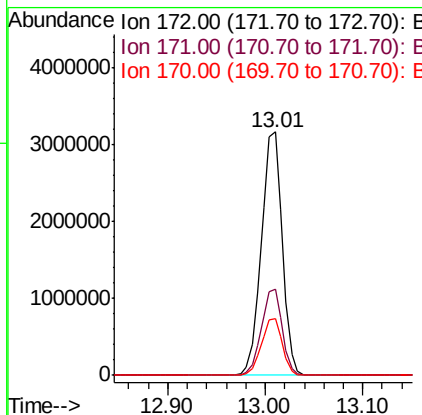
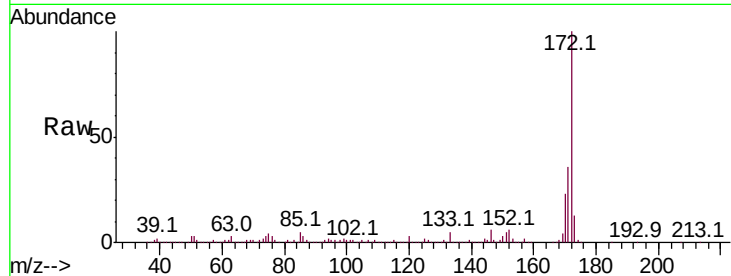
#45
2-Fluorobiphenyl
Concen: 84.062 ng
RT: 13.01 min Scan# 1687
Delta R.T. -0.01 min
Lab File: BM018610.D
Acq: 17 Jan 2019 12:48

Instrument :
BNA_M
ClientSampleId :
SW002-190114-01

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.4
170	23.3	18.9	28.3

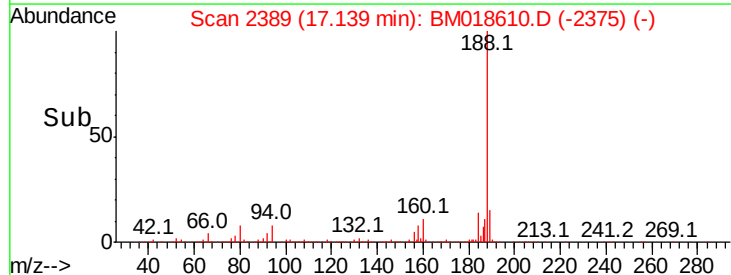
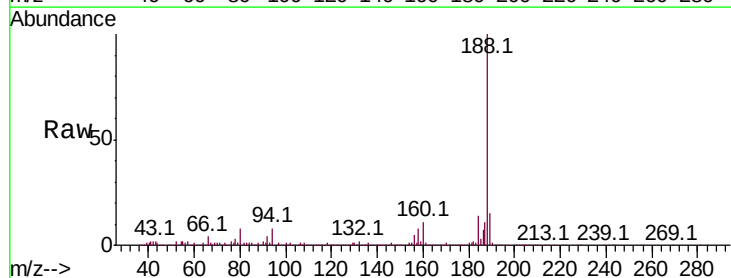
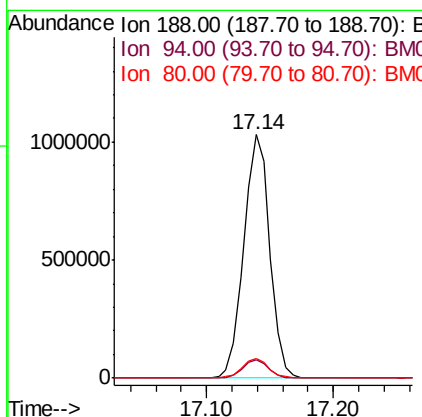
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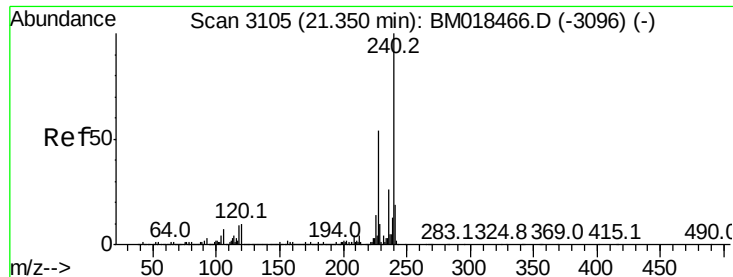
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.14 min Scan# 2389
Delta R.T. -0.02 min
Lab File: BM018610.D
Acq: 17 Jan 2019 12:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.1	10.7
80	8.1	7.6	11.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.33 min Scan# 3102

Delta R.T. -0.02 min

Lab File: BM018610.D

Acq: 17 Jan 2019 12:48

Instrument :

BNA_M

ClientSampleId :

SW002-190114-01

Tot Ion:240 Resp: 1544012

Ion Ratio Lower Upper

240 100

120 9.1 8.4 12.6

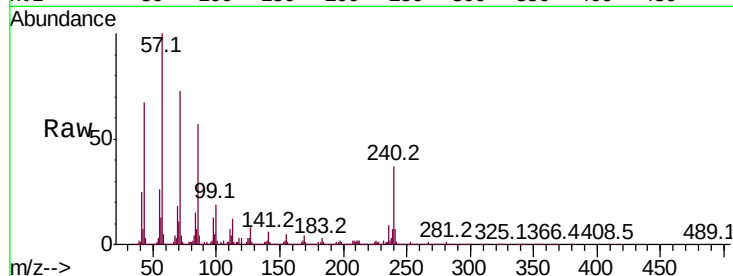
236 25.6 20.7 31.1

Manual Integrations

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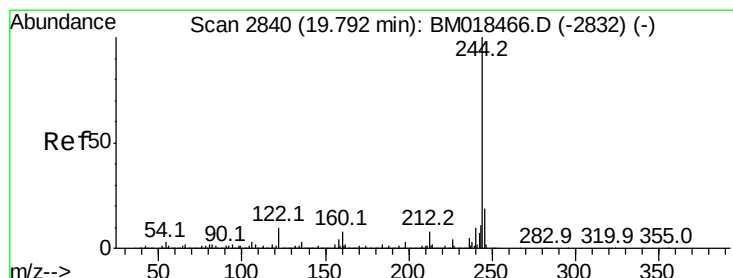
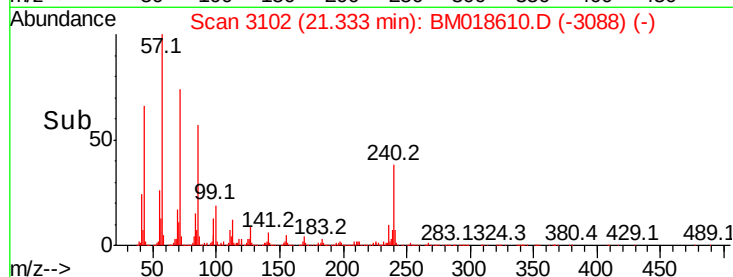
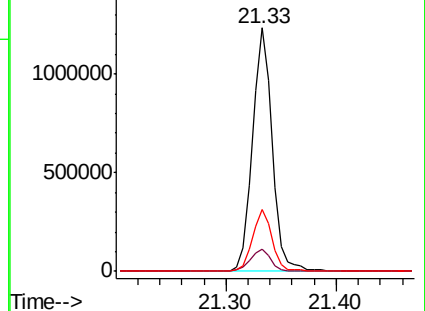
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 84.815 ng

RT: 19.77 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BM018610.D

Acq: 17 Jan 2019 12:48

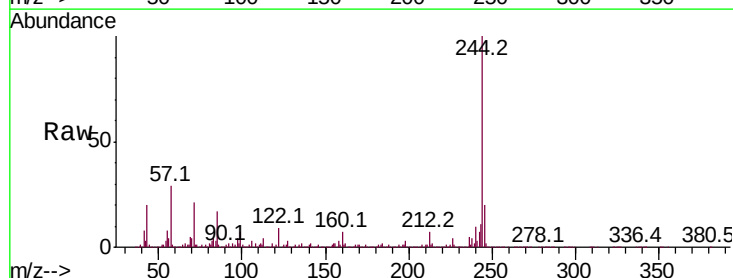
Tgt Ion:244 Resp: 6212235

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

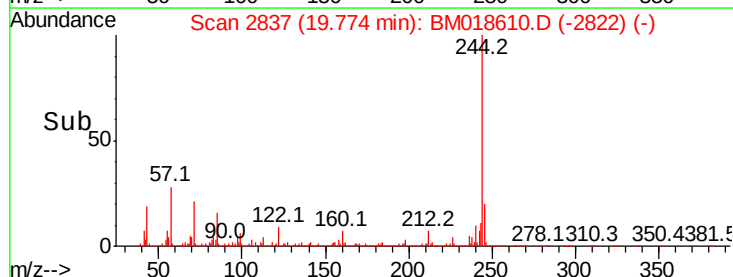
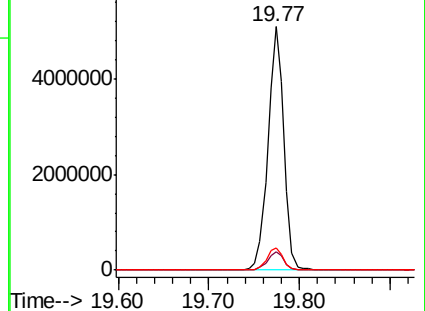
122 9.2 9.0 13.4

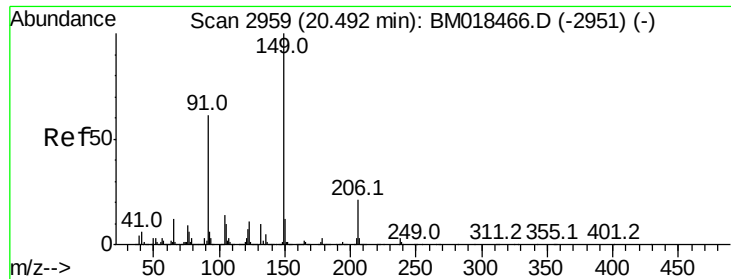


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





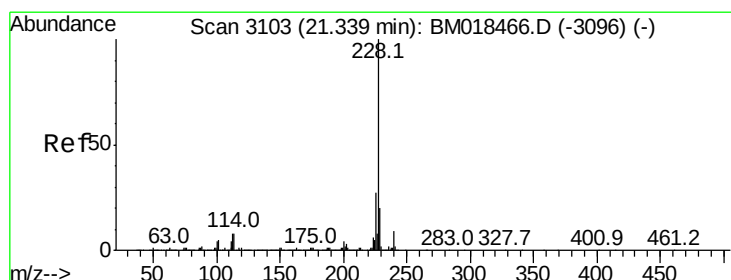
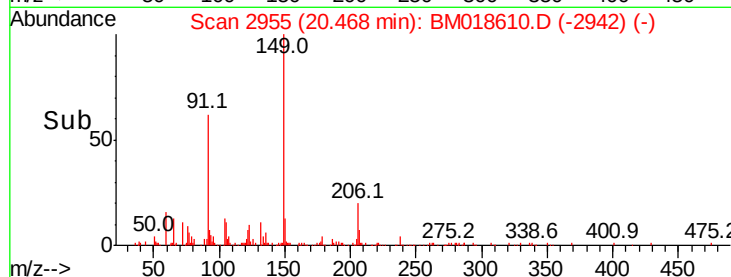
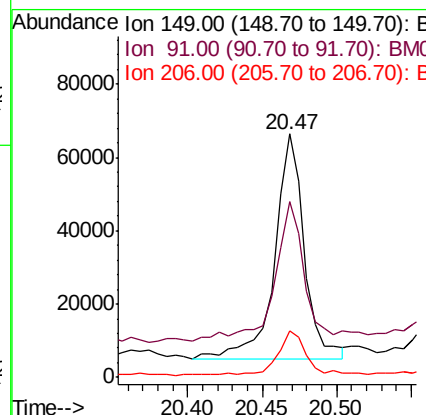
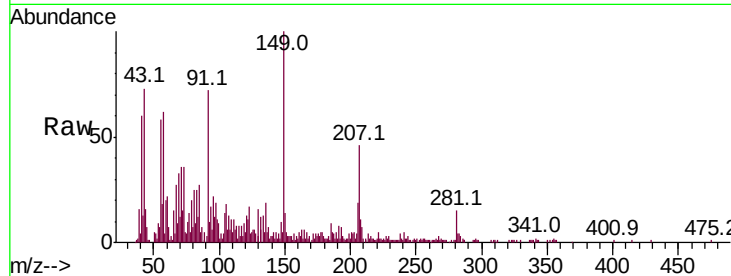
#80
Butylbenzylphthalate
Concen: 2.171 ng
RT: 20.47 min Scan# 2955
Delta R.T. -0.02 min
Lab File: BM018610.D
Acq: 17 Jan 2019 12:48

Instrument :
BNA_M
ClientSampleId :
SW002-190114-01

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.2	53.1	79.7
206	19.1	16.2	24.4

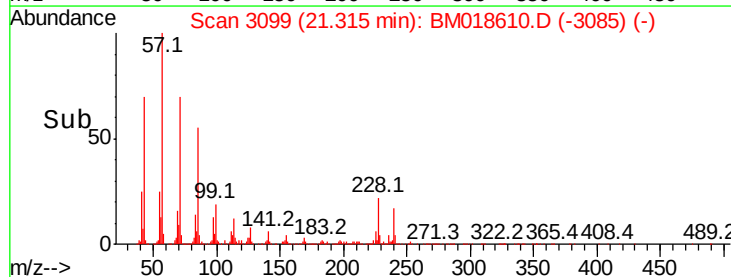
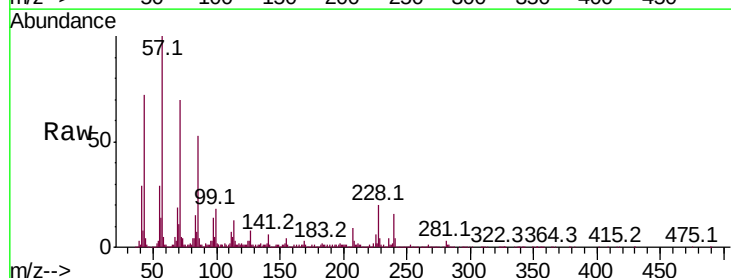
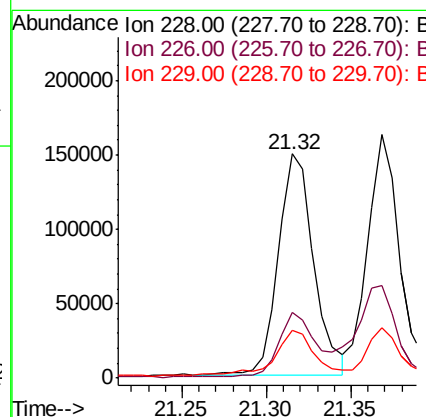
Manual Integrations
APPROVED

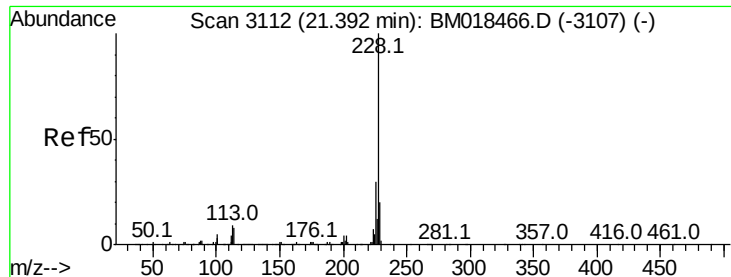
Sohil
1/18/2019 12:06:52 PM



#81
Benzo(a)anthracene
Concen: 2.384 ng
RT: 21.32 min Scan# 3099
Delta R.T. -0.02 min
Lab File: BM018610.D
Acq: 17 Jan 2019 12:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	21.8	32.6
229	21.1	15.8	23.8





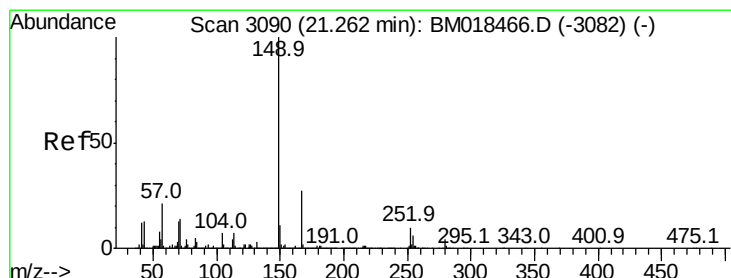
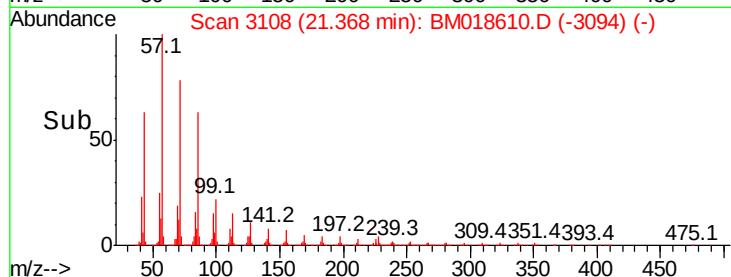
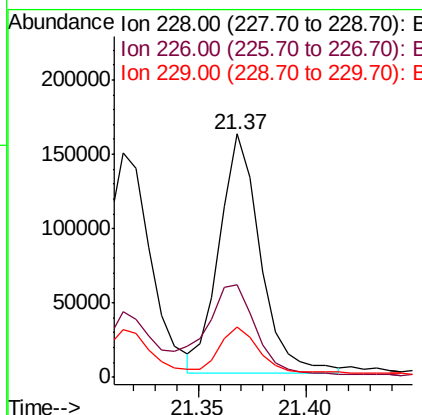
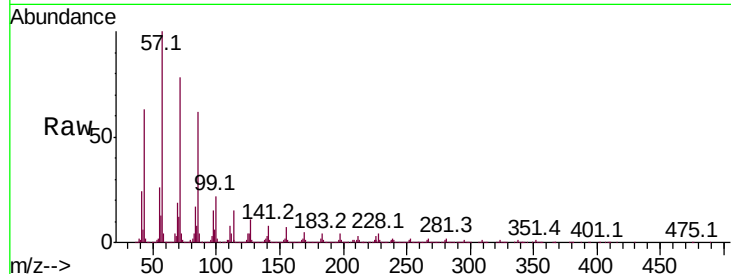
#83
Chrysene
Concen: 2.422 ng/ml
RT: 21.37 min Scan# 3108
Delta R.T. -0.02 min
Lab File: BM018610.D
Acq: 17 Jan 2019 12:48

Instrument :
BNA_M
ClientSampleId :
SW002-190114-01

Tot Ion	Ratio	Lower	Upper
228	100		
226	38.1	24.2	36.2
229	20.6	15.6	23.4

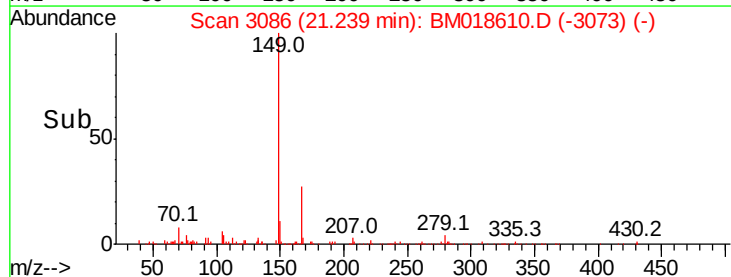
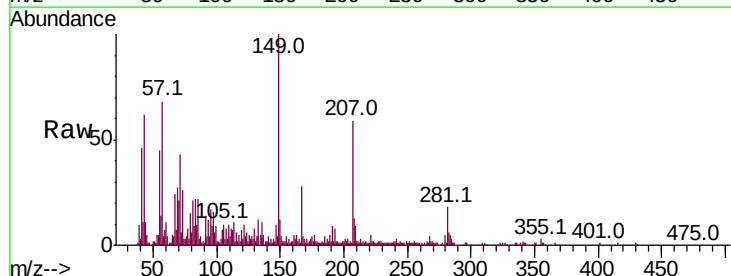
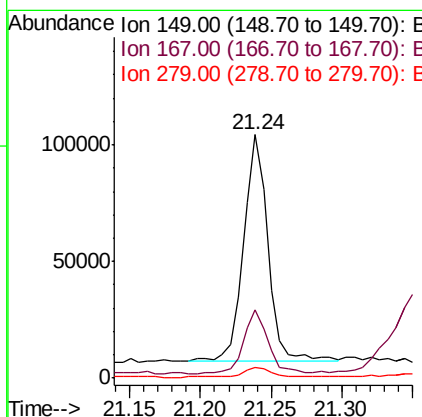
Manual Integrations
APPROVED

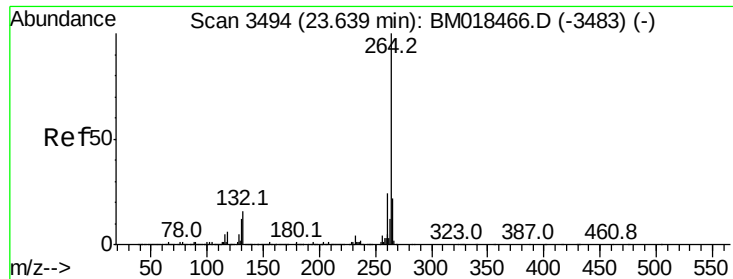
Sohil
1/18/2019 12:06:52 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.099 ng
RT: 21.24 min Scan# 3086
Delta R.T. -0.02 min
Lab File: BM018610.D
Acq: 17 Jan 2019 12:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.6	32.4
279	4.5	3.3	4.9





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.61 min Scan# 3489

Delta R.T. -0.02 min

Lab File: BM018610.D

Acq: 17 Jan 2019 12:48

Instrument :

BNA_M

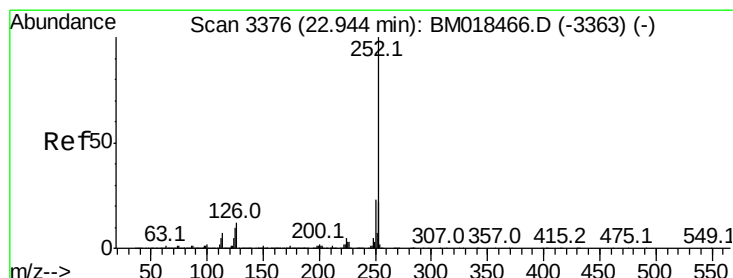
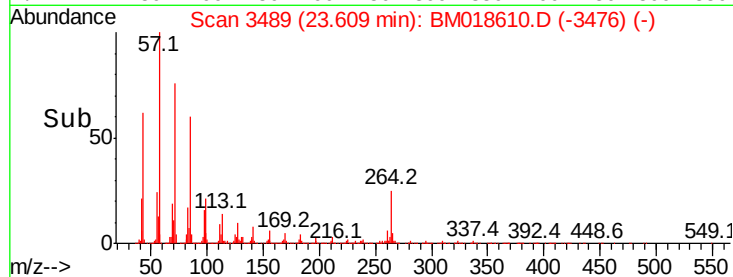
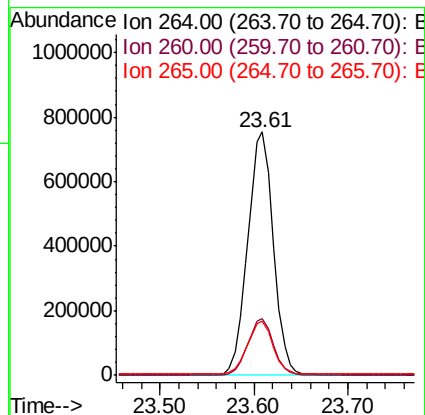
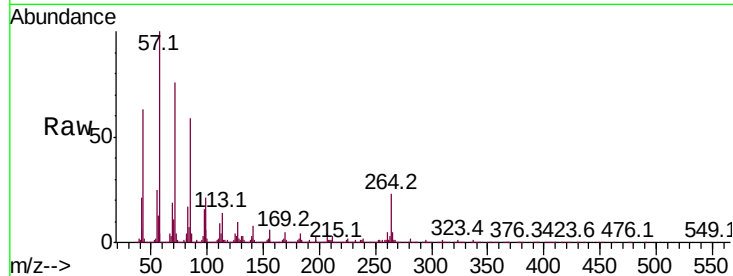
ClientSampleId :

SW002-190114-01

Tot Ion:	264	Resp:	1425362
Ion Ratio	Lower	Upper	
264	100		
260	23.5	18.9	28.3
265	22.2	16.8	25.2

Manual Integrations
APPROVED

Sohil
1/18/2019 12:06:52 PM



#88

Benzo(b)fluoranthene

Concen: 2.064 ng

RT: 22.92 min Scan# 3372

Delta R.T. -0.02 min

Lab File: BM018610.D

Acq: 17 Jan 2019 12:48

Tgt Ion:	252	Resp:	167012
Ion Ratio	Lower	Upper	
252	100		
253	25.2	17.6	26.4
125	19.6	8.5	12.7#

