

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012519\
 Data File : BM018657.D
 Acq On : 25 Jan 2019 17:57
 Operator : JU/SJ
 Sample : K1157-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-04-011519

Manual Integrations
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mohammad
 1/29/2019 12:29:44 AM

Quant Time: Jan 28 02:45:37 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	256206	20.00	ng	0.00
21) Naphthalene-d8	10.52	136	995729	20.00	ng	0.00
39) Acenaphthene-d10	14.38	164	551647	20.00	ng	0.00
64) Phenanthrene-d10	17.13	188	1244218	20.00	ng	0.00
76) Chrysene-d12	21.32	240	1336092	20.00	ng	-0.01
87) Perylene-d12	23.59	264	1375697	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1942023	139.96	ng	0.00
7) Phenol-d6	6.91	99	2502803	142.02	ng	0.00
23) Nitrobenzene-d5	8.90	82	1527585	88.94	ng	0.00
42) 2,4,6-Tribromophenol	15.88	330	1055526	150.27	ng	0.00
45) 2-Fluorobiphenyl	13.00	172	3549179	83.95	ng	0.00
79) Terphenyl-d14	19.76	244	5348962	84.39	ng	0.00
Target Compounds						
10) Phenol	6.93	94	44214	2.469	ng	89
50) Dimethylphthalate	13.84	163	275839	6.088	ng	99
71) Phenanthrene	17.17	178	153585	2.321	ng	99
75) Fluoranthene	19.19	202	300282	3.936	ng	98
78) Pyrene	19.56	202	295288	3.729	ng	98
83) Chrysene	21.36	228	166568	2.191	ng	98
88) Benzo(b)fluoranthene	22.91	252	206926m	2.649	ng	

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

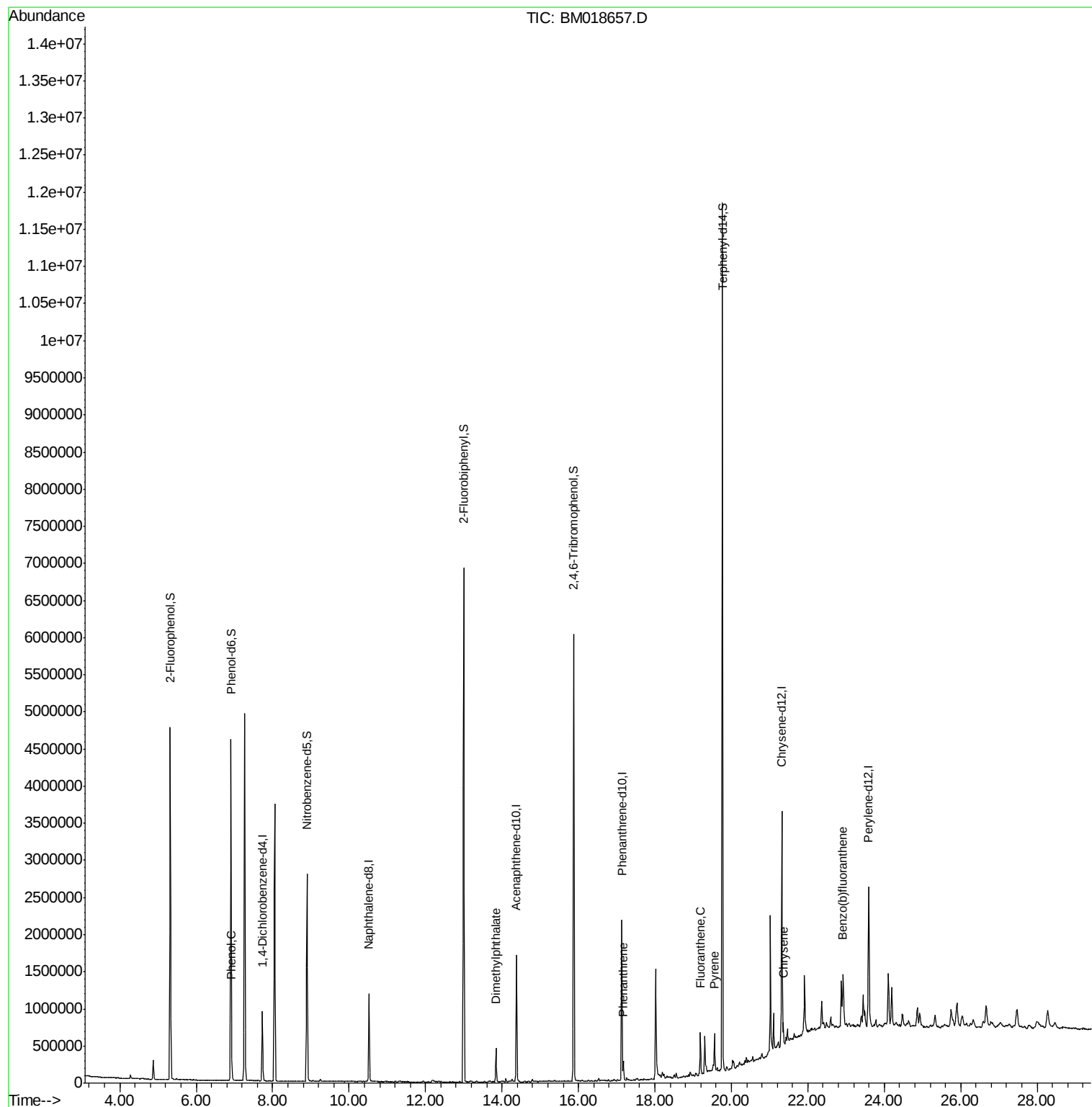
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012519\
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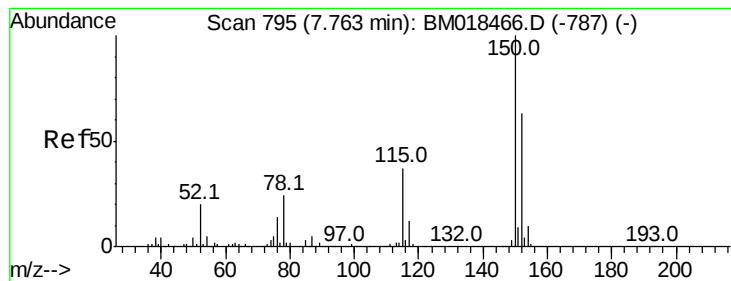
Instrument :
BNA_M
ClientSampleId :
WC-04-011519

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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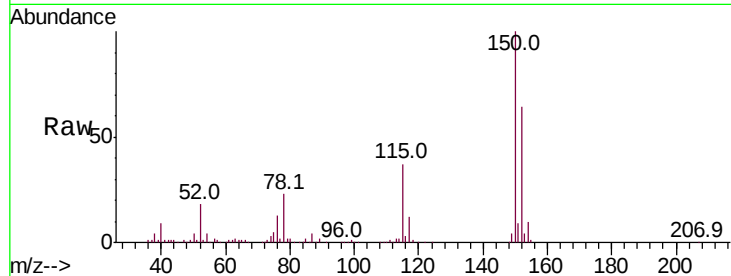
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.73 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BM018657.D
 Acq: 25 Jan 2019 17:57

Instrument :
 BNA_M
 ClientSampleId :
 WC-04-011519

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	126.9	190.3
115	58.1	45.5	68.3

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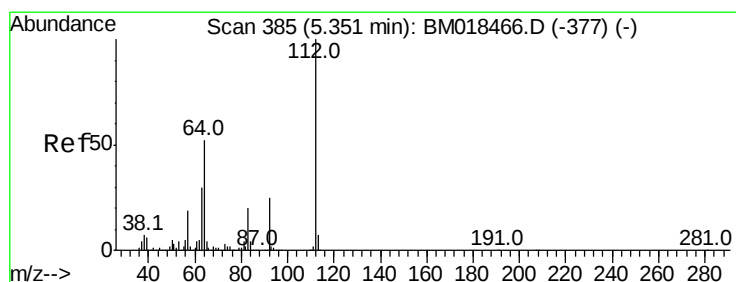
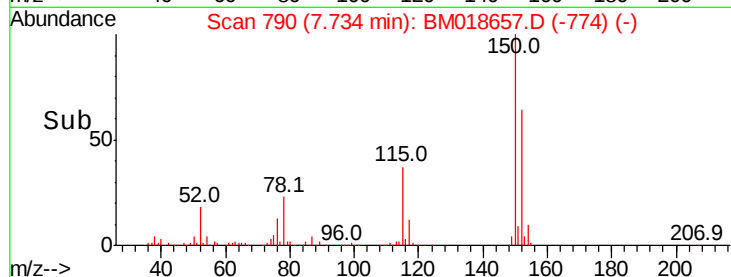
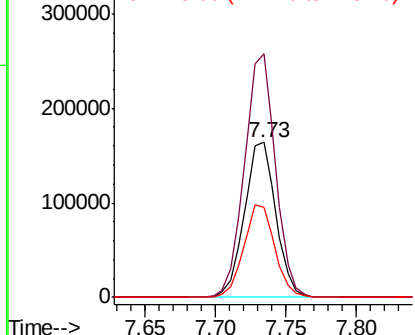


Abundance

Ion 152.00 (151.70 to 152.70): E

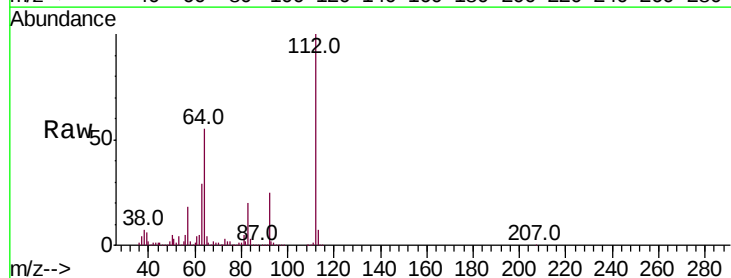
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 139.963 ng
 RT: 5.32 min Scan# 380
 Delta R.T. -0.01 min
 Lab File: BM018657.D
 Acq: 25 Jan 2019 17:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.6	46.5	69.7
63	29.3	25.2	37.8

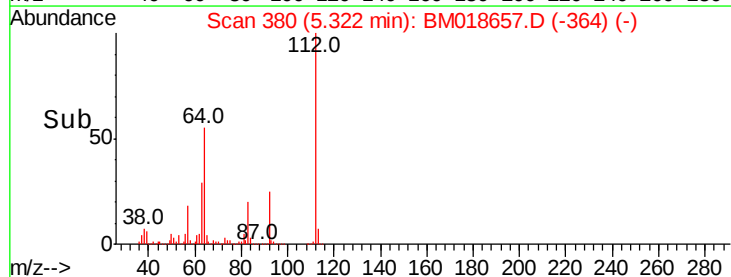
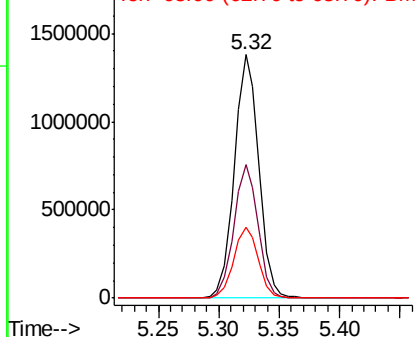


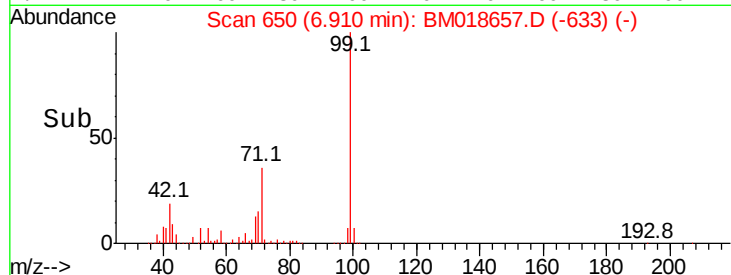
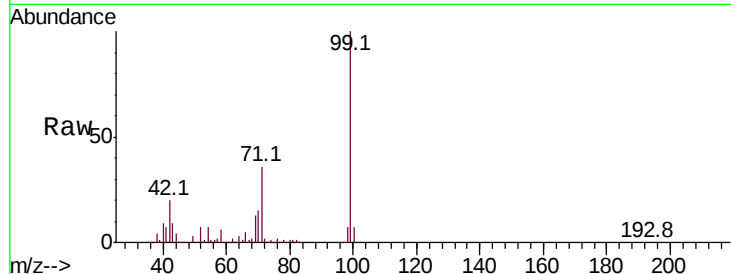
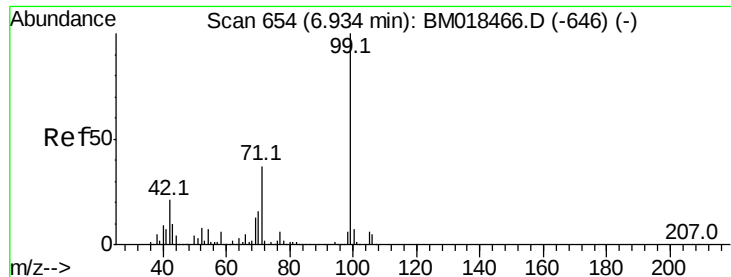
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BMC

Ion 63.00 (62.70 to 63.70): BMC





#7

Phenol-d6

Concen: 142.017 ng

RT: 6.91 min Scan# 650

Delta R.T. 0.00 min

Lab File: BM018657.D

Acq: 25 Jan 2019 17:57

Tot Ion: 99 Resp: 2502803

Ion Ratio Lower Upper

99 100

42 19.5 17.3 25.9

71 36.0 28.0 42.0

Instrument :

BNA_M

ClientSampleId :

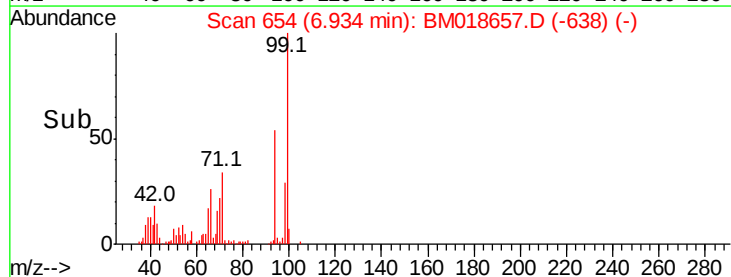
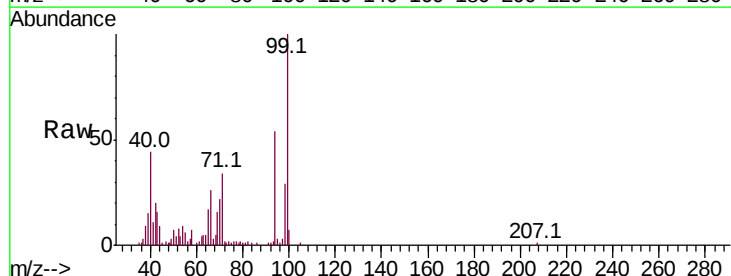
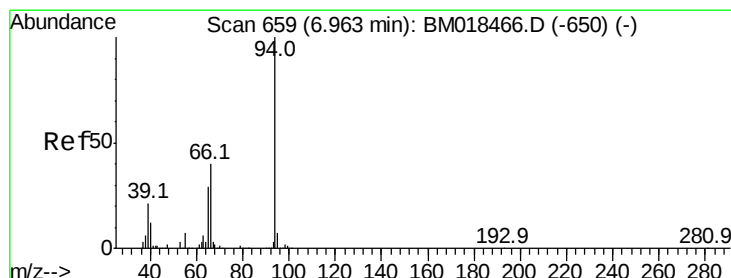
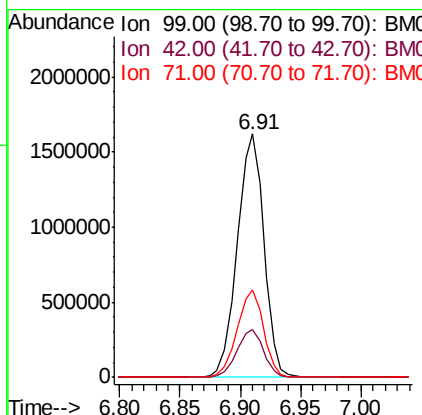
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#10

Phenol

Concen: 2.469 ng

RT: 6.93 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM018657.D

Acq: 25 Jan 2019 17:57

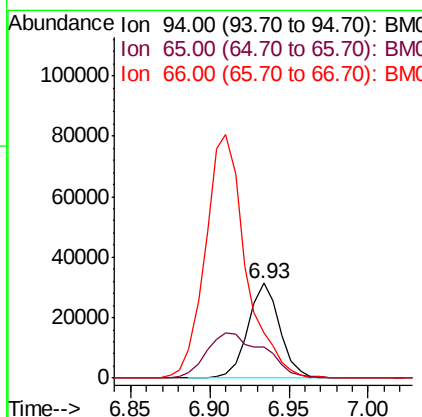
Tgt Ion: 94 Resp: 44214

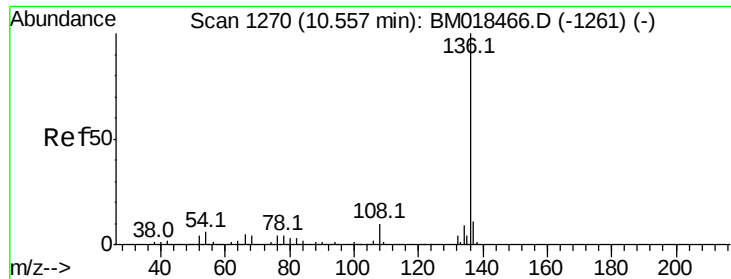
Ion Ratio Lower Upper

94 100

65 32.2 9.4 49.4

66 48.3 19.1 59.1





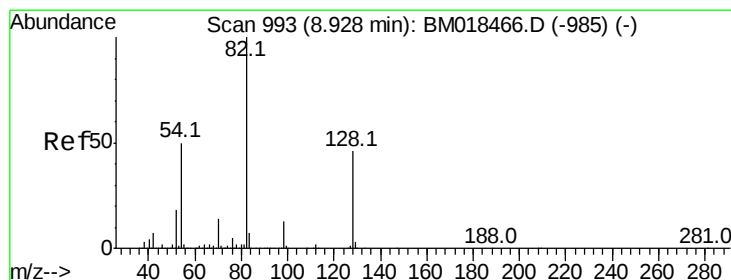
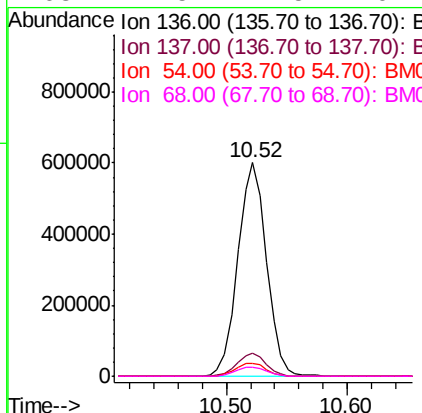
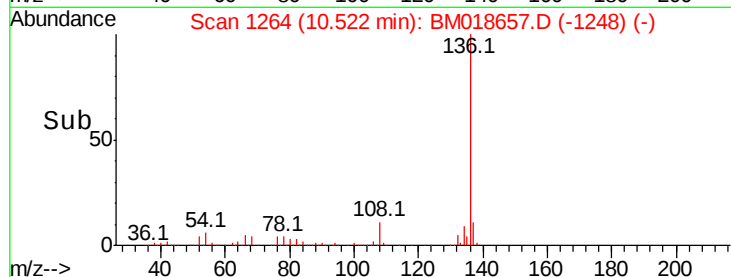
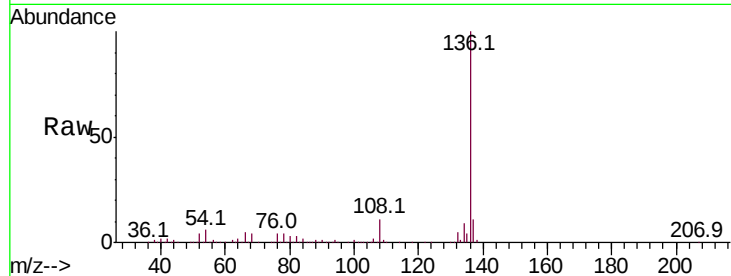
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BM018657.D
Acq: 25 Jan 2019 17:57

Instrument :
BNA_M
ClientSampleId :
WC-04-011519

Tot Ion	Ratio	Resp	Lower	Upper
136	100	995729		
137	10.8		8.5	12.7
54	6.2		6.0	9.0
68	4.5		4.5	6.7#

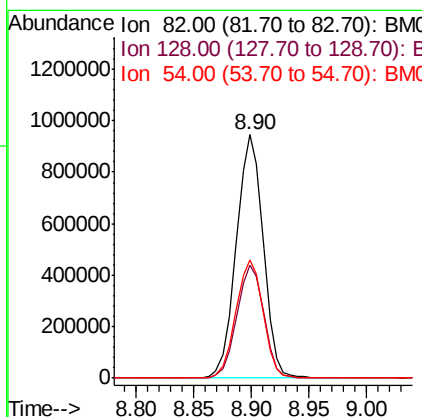
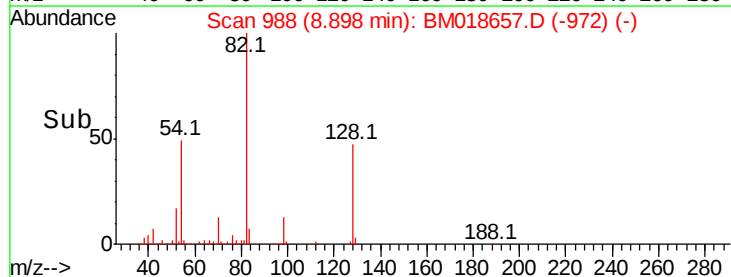
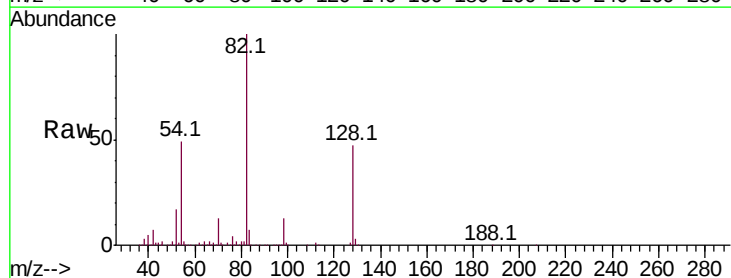
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#23
Nitrobenzene-d5
Concen: 88.935 ng
RT: 8.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BM018657.D
Acq: 25 Jan 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	1527585		
128	46.6		36.3	54.5
54	48.7		41.7	62.5





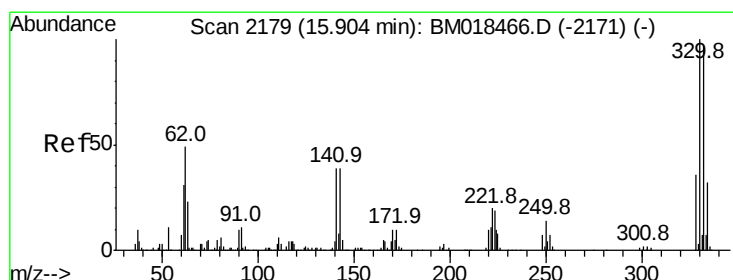
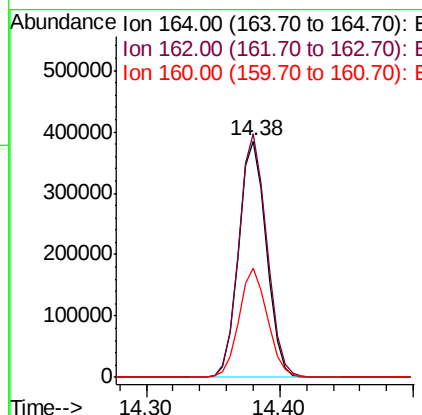
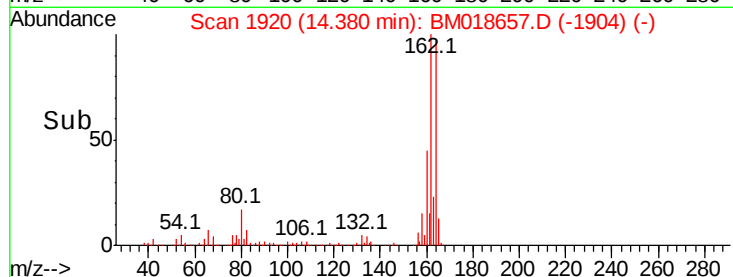
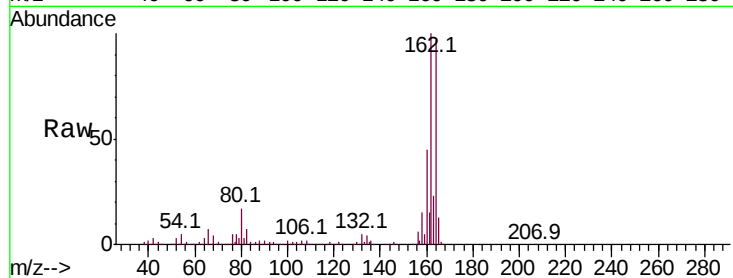
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.38 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BM018657.D
Acq: 25 Jan 2019 17:57

Instrument :
BNA_M
ClientSampleId :
WC-04-011519

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.1	83.0	124.4	
160	46.3	37.1	55.7	

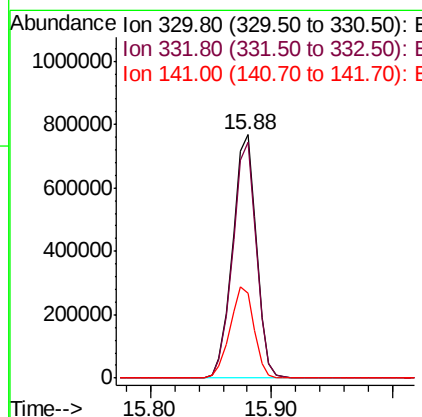
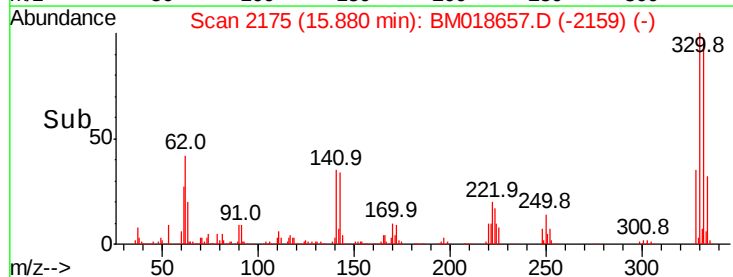
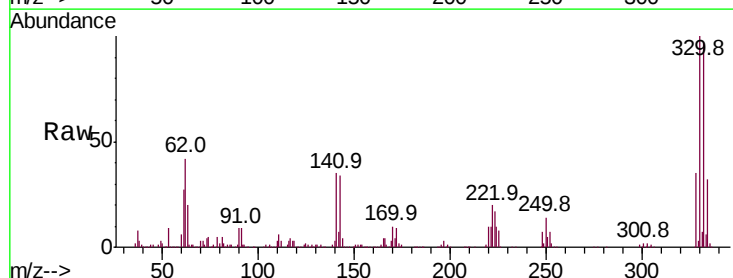
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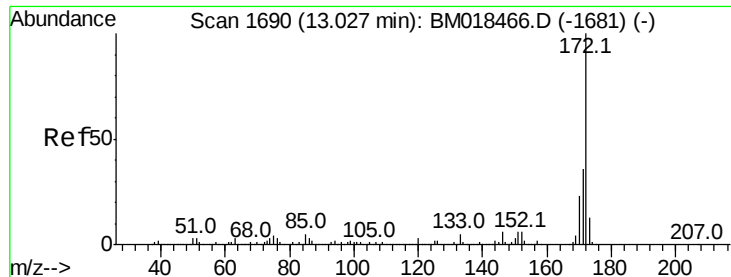
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#42
2,4,6-Tribromophenol
Concen: 150.274 ng
RT: 15.88 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BM018657.D
Acq: 25 Jan 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.3	77.6	116.4	
141	38.1	31.7	47.5	





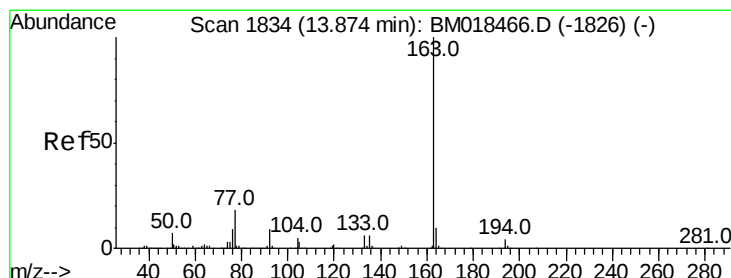
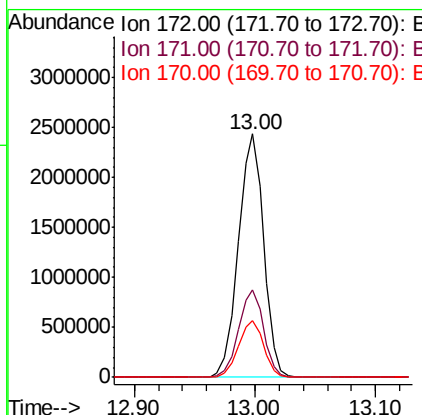
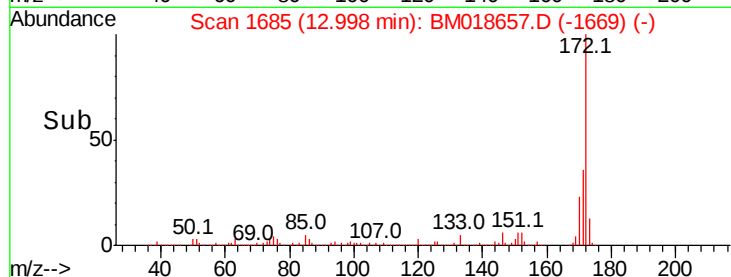
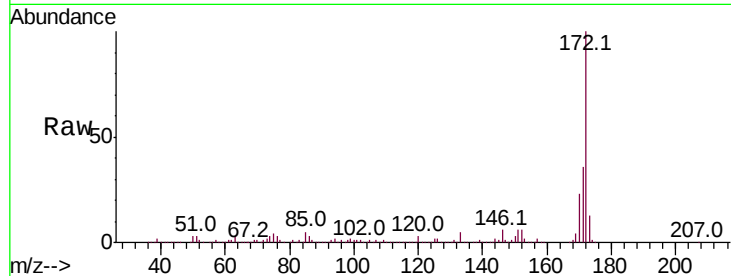
#45
2-Fluorobiphenyl
Concen: 83.952 ng
RT: 13.00 min Scan# 1685
Delta R.T. -0.01 min
Lab File: BM018657.D
Acq: 25 Jan 2019 17:57

Instrument :
BNA_M
ClientSampleId :
WC-04-011519

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.2	42.4
170	23.4	18.9	28.3

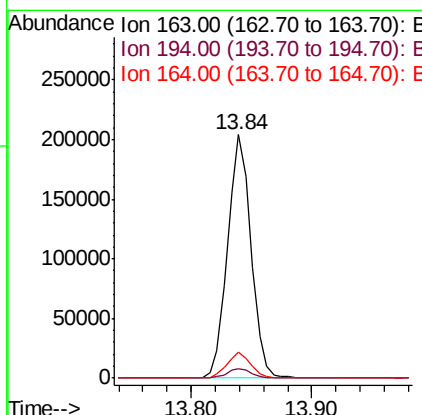
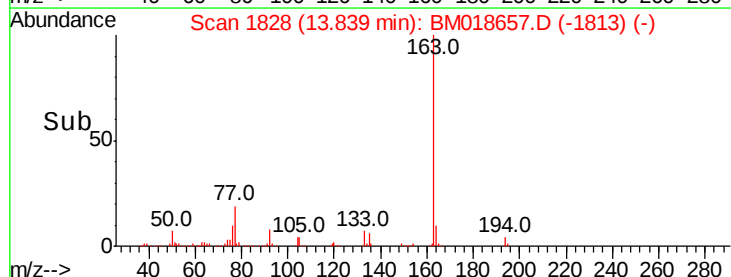
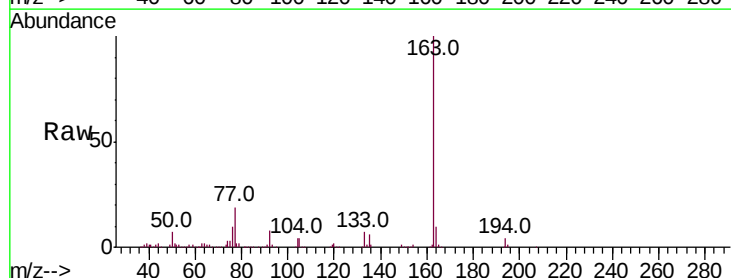
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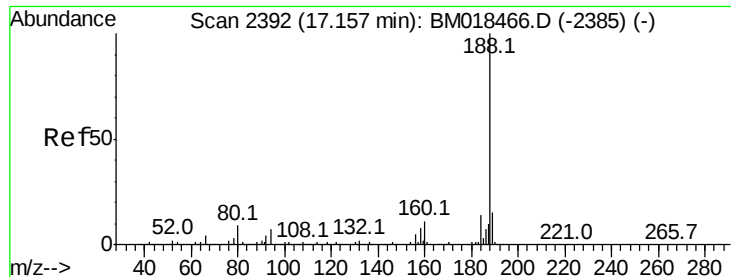
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#50
Dimethylphthalate
Concen: 6.088 ng
RT: 13.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BM018657.D
Acq: 25 Jan 2019 17:57

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.5	7.8	11.8





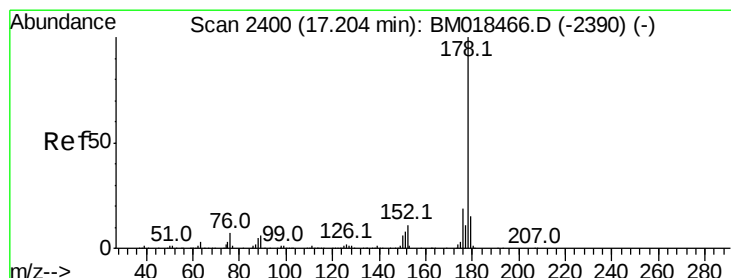
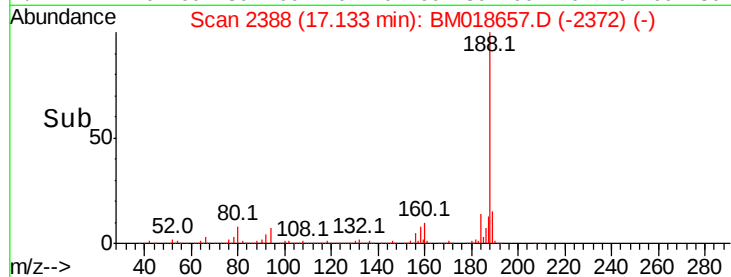
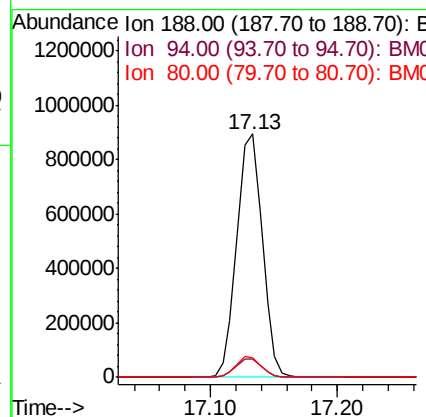
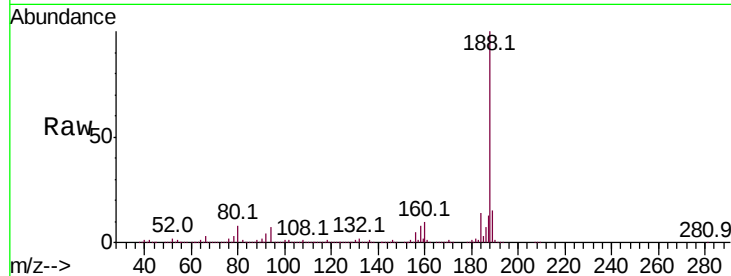
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.13 min Scan# 2388
Delta R.T. -0.01 min
Lab File: BM018657.D
Acq: 25 Jan 2019 17:57

Instrument :
BNA_M
ClientSampleId :
WC-04-011519

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.4	7.1	10.7
80	8.0	7.6	11.4

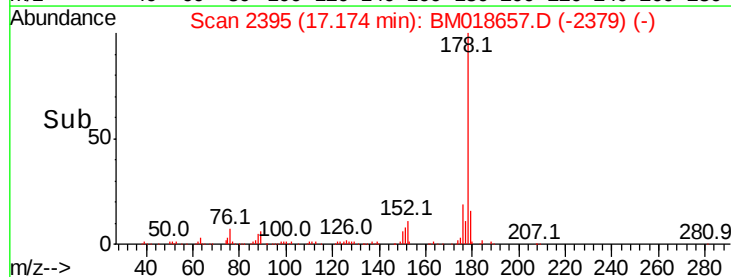
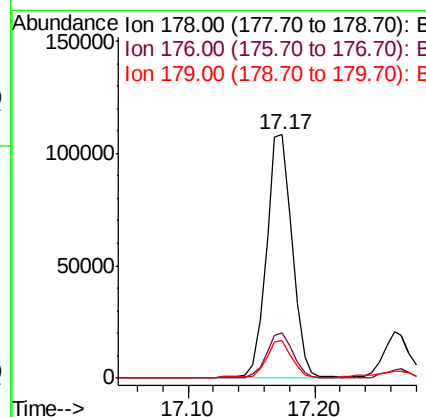
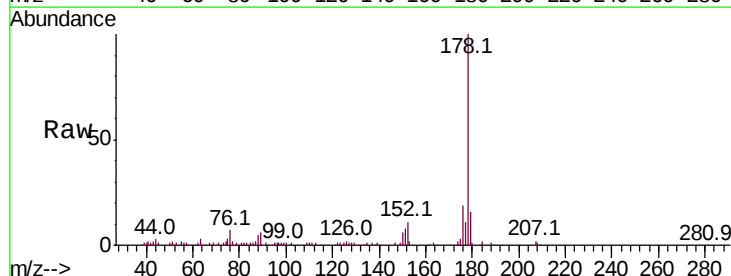
Manual Integrations
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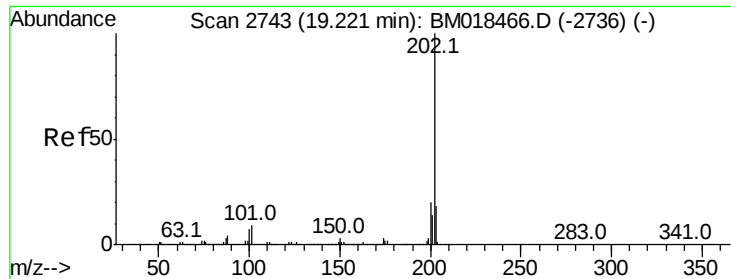
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#71
Phenanthrene
Concen: 2.321 ng
RT: 17.17 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BM018657.D
Acq: 25 Jan 2019 17:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.0
179	15.6	12.2	18.4





#75

Fluoranthene

Concen: 3.936 ng

RT: 19.19 min Scan# 2738

Delta R.T. -0.01 min

Lab File: BM018657.D

Acq: 25 Jan 2019 17:57

Instrument :

BNA_M

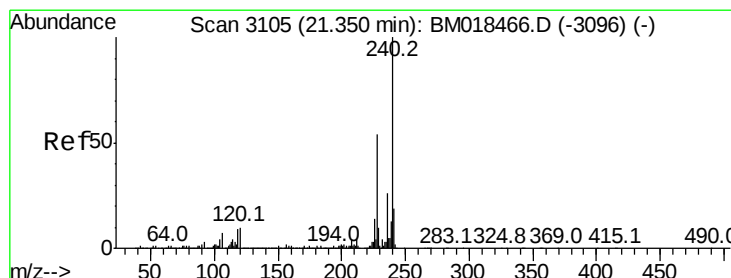
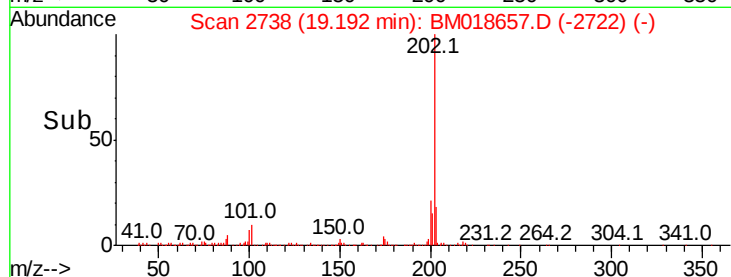
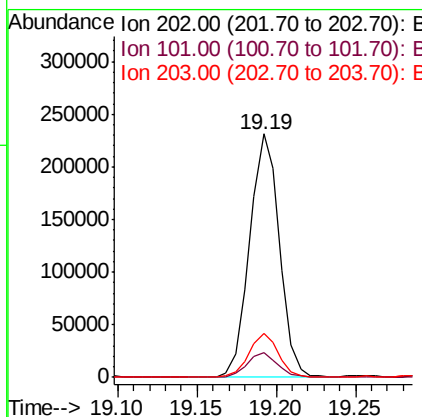
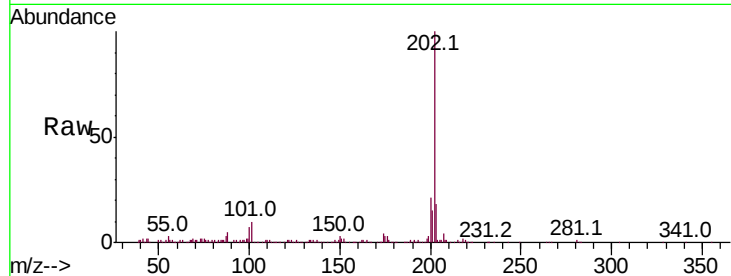
ClientSampleId :

WC-04-011519

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.2	0.0	30.9
203	18.0	0.0	37.4

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#76

Chrysene-d12

Concen: 20.000 ng

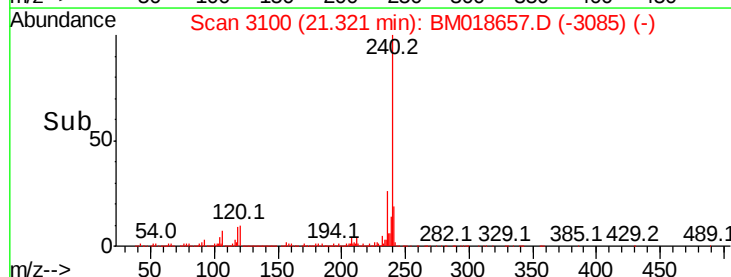
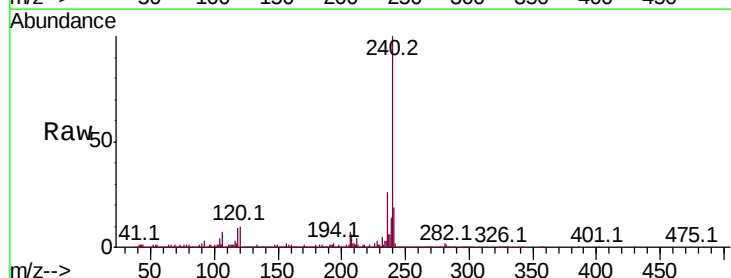
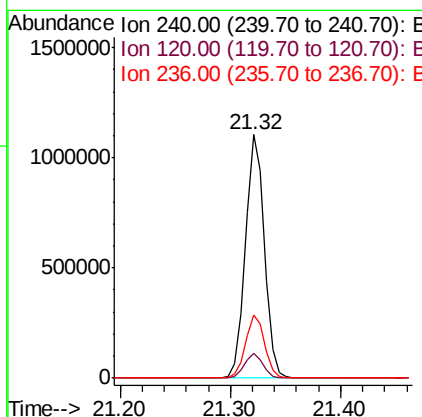
RT: 21.32 min Scan# 3100

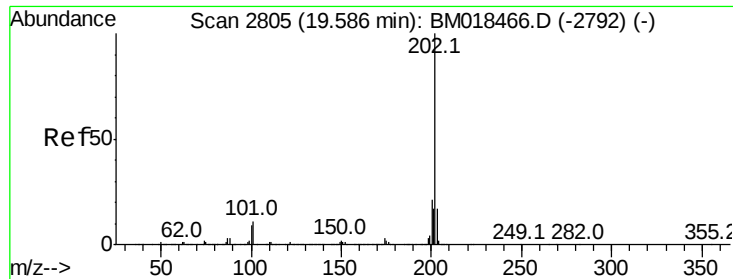
Delta R.T. -0.01 min

Lab File: BM018657.D

Acq: 25 Jan 2019 17:57

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.2	8.4	12.6
236	25.9	20.7	31.1





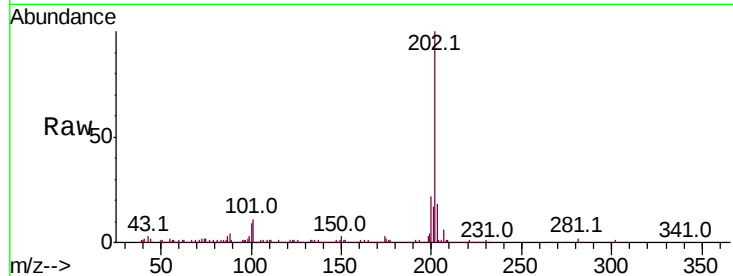
#78
Pvrene
Concen: 3.729 ng
RT: 19.56 min Scan# 2800
Delta R.T. -0.01 min
Lab File: BM018657.D
Acq: 25 Jan 2019 17:57

Instrument :
BNA_M
ClientSampleId :
WC-04-011519

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.0	16.6	24.8
203	17.7	13.8	20.8

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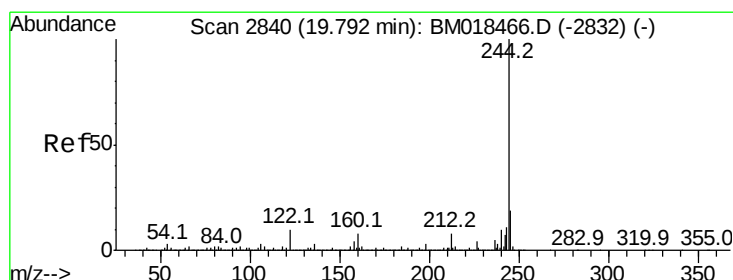
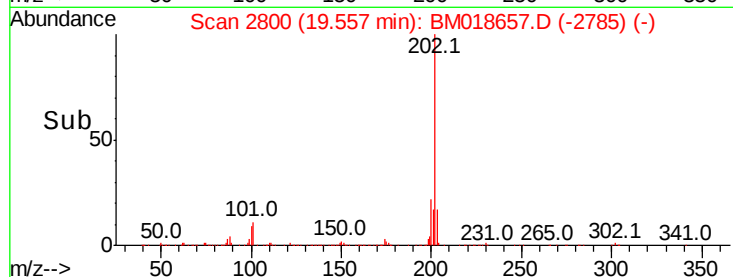
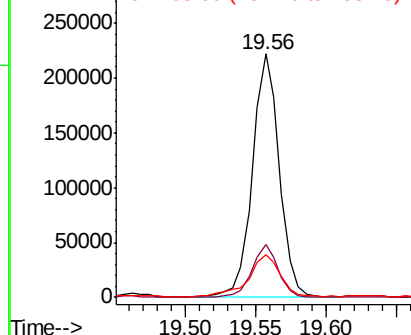


Abundance

Ion 202.00 (201.70 to 202.70): E

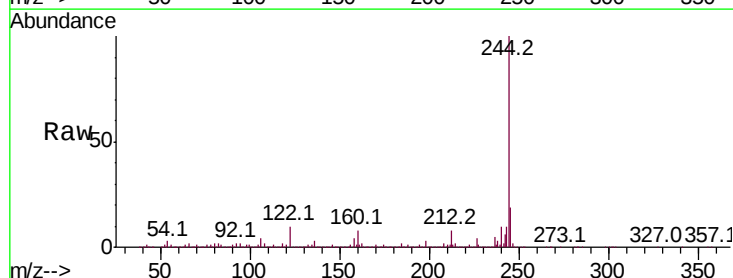
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 84.394 ng
RT: 19.76 min Scan# 2835
Delta R.T. -0.01 min
Lab File: BM018657.D
Acq: 25 Jan 2019 17:57

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.5	5.9	8.9
122	10.1	9.0	13.4

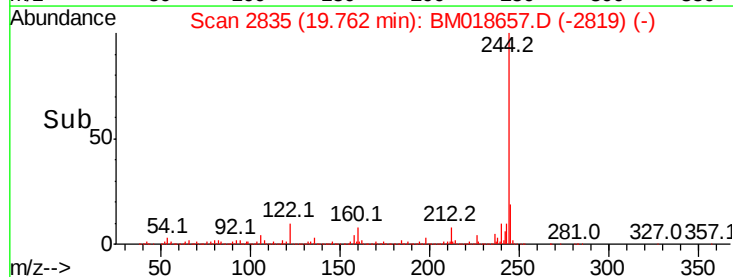
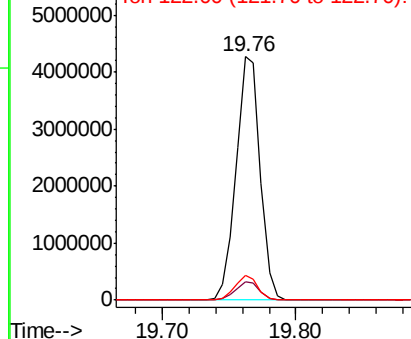


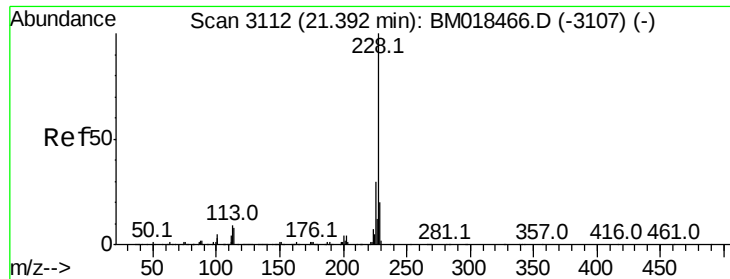
Abundance

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





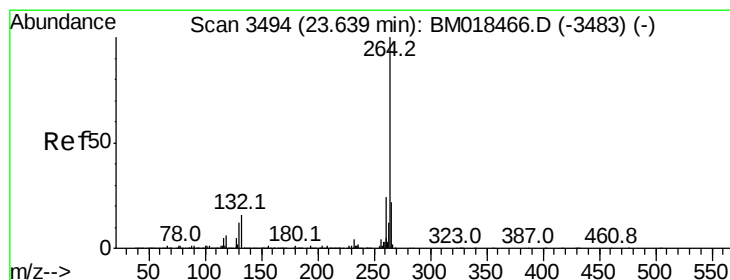
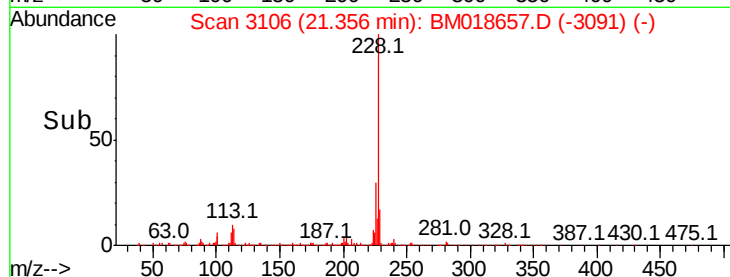
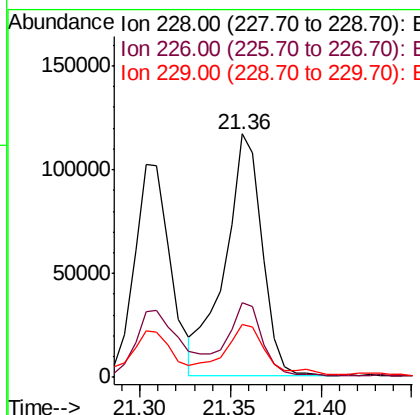
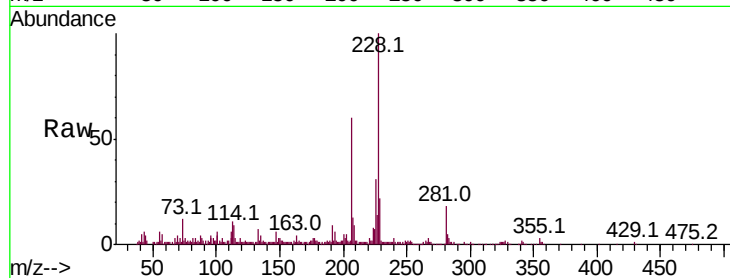
#83
Chrysene
Concen: 2.191 ng
RT: 21.36 min Scan# 3106
Delta R.T. -0.01 min
Lab File: BM018657.D
Acq: 25 Jan 2019 17:57

Instrument :
BNA_M
ClientSampleId :
WC-04-011519

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.2
229	21.6	15.6	23.4

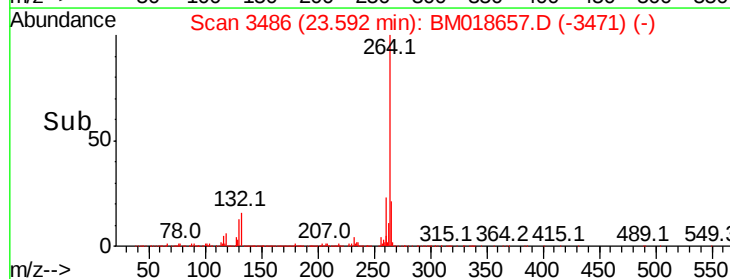
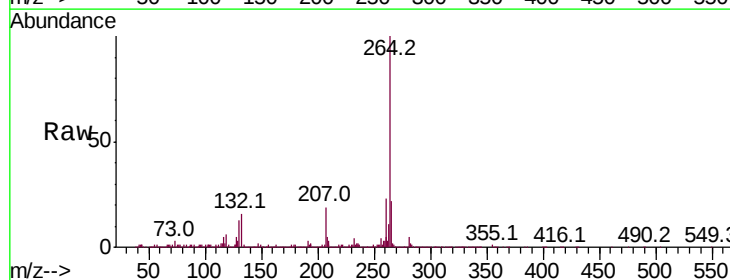
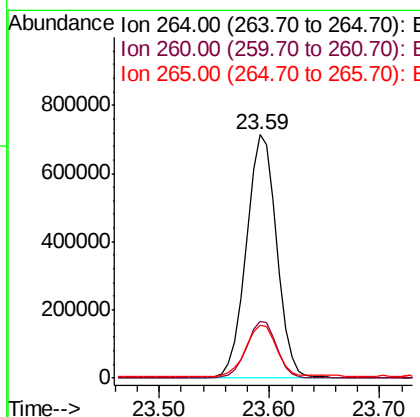
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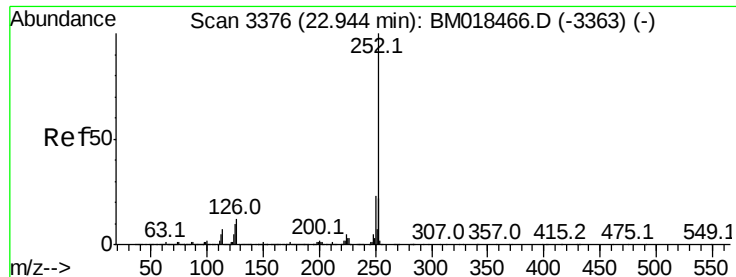
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#87
Perylene-d12
Concen: 20.000 ng
RT: 23.59 min Scan# 3486
Delta R.T. -0.01 min
Lab File: BM018657.D
Acq: 25 Jan 2019 17:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.9	28.3
265	21.7	16.8	25.2





#88

Benzo(b)fluoranthene

Concen: 2.649 ng/mL

RT: 22.91 min Scan# 3370

Delta R.T. -0.01 min

Lab File: BM018657.D

Acq: 25 Jan 2019 17:57

Instrument :

BNA_M

ClientSampleId :

WC-04-011519

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.6	17.6	26.4
125	15.8	8.5	12.7

Manual Integrations
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1/29/2019 12:29:44 AM

