

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
 Data File : BM018358.D
 Acq On : 21 Dec 2018 13:44
 Operator : JU/SJ
 Sample : J6388-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS008-1824-01

Manual Integrations
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Quant Time: Dec 22 04:22:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	121355	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	479086	20.00	ng	-0.02
39) Acenaphthene-d10	14.15	164	291760	20.00	ng	-0.01
64) Phenanthrene-d10	16.92	188	583869	20.00	ng	0.00
76) Chrysene-d12	21.14	240	496237	20.00	ng	0.00
87) Perylene-d12	23.31	264	496754	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.13	112	794595	109.38	ng	0.00
7) Phenol-d6	6.70	99	1067918	105.76	ng	0.00
23) Nitrobenzene-d5	8.65	82	717253	76.79	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	365511	85.36	ng	0.00
45) 2-Fluorobiphenyl	12.75	172	1156142	51.33	ng	-0.02
79) Terphenyl-d14	19.57	244	1373273	62.59	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.73	94	80386	7.517	ng	96
20) 3+4-Methylphenols	8.29	107	40264	4.024	ng	89
27) 2,4-Dimethylphenol	9.47	122	14130	2.142	ng	93
49) Acenaphthylene	13.87	152	106270	3.650	ng	98
50) Dimethylphthalate	13.62	163	115995	4.782	ng	99
71) Phenanthrene	16.96	178	348908	11.002	ng	97
72) Anthracene	17.05	178	84549	2.687	ng	99
75) Fluoranthene	18.99	202	254209	6.894	ng	98
78) Pyrene	19.36	202	425882	14.403	ng	99
81) Benzo(a)anthracene	21.13	228	151895	5.240	ng	# 90
83) Chrysene	21.18	228	159257	5.712	ng	94
86) Indeno(1,2,3-cd)pyrene	25.46	276	83590	3.010	ng	94
88) Benzo(b)fluoranthene	22.68	252	141415m	5.068	ng	
90) Benzo(a)pyrene	23.22	252	145350	5.477	ng	# 85
92) Benzo(a,h,i)perylene	26.12	276	124174	5.343	ng	93

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

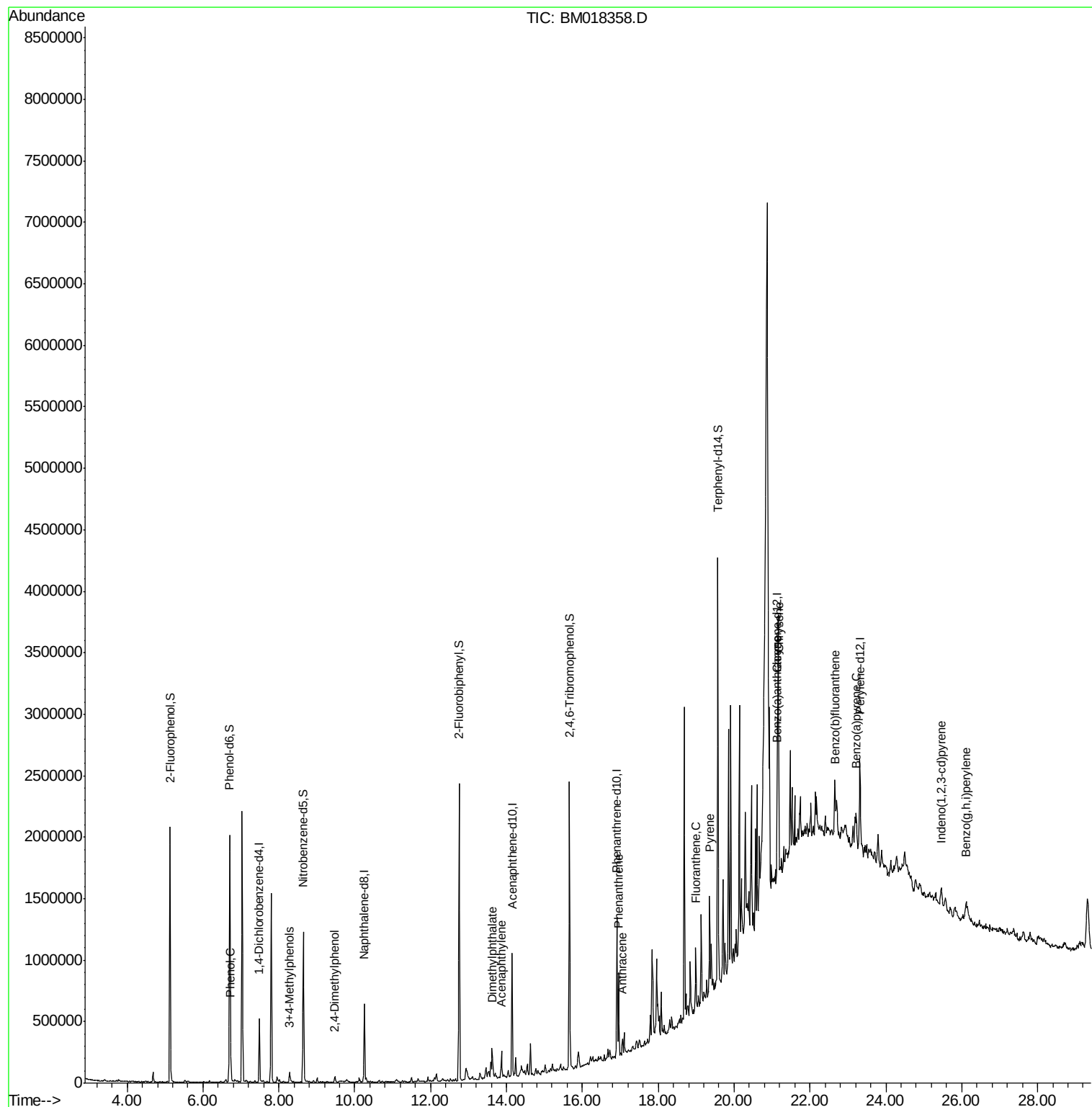
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
Data File : BM018358.D
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ALS Vial : 9 Sample Multiplier: 1

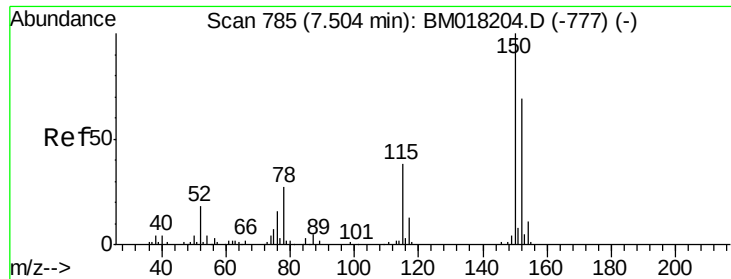
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

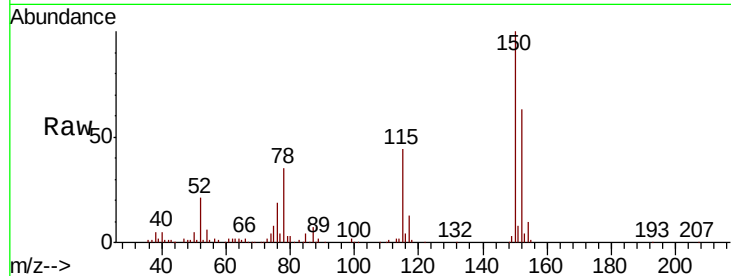
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BM018358.D
Acq: 21 Dec 2018 13:44

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1824-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	116.1	174.1
115	69.6	44.6	67.0

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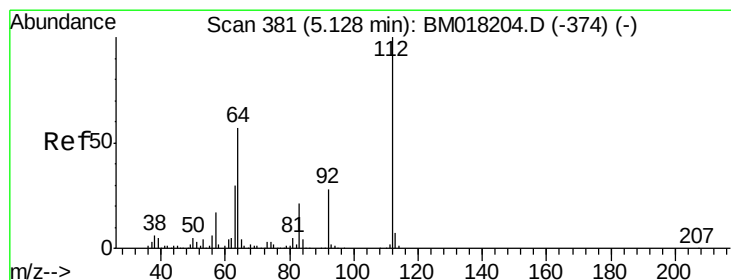
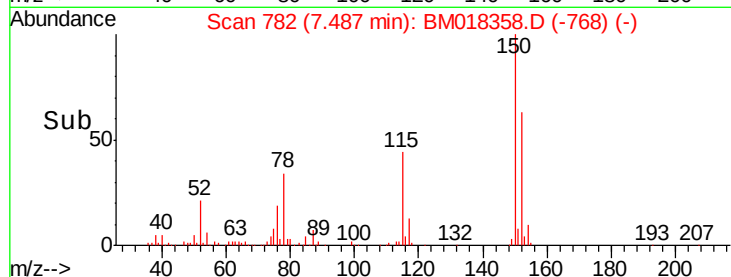
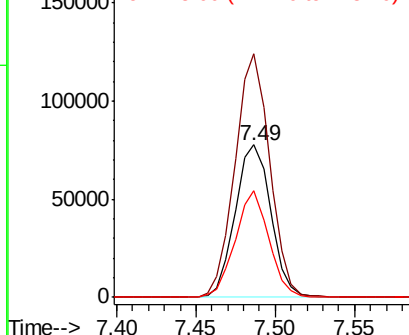


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

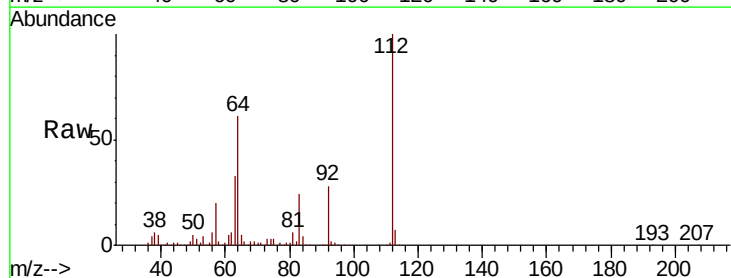
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 109.378 ng
RT: 5.13 min Scan# 382
Delta R.T. 0.01 min
Lab File: BM018358.D
Acq: 21 Dec 2018 13:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	45.4	68.2
63	33.4	24.0	36.0

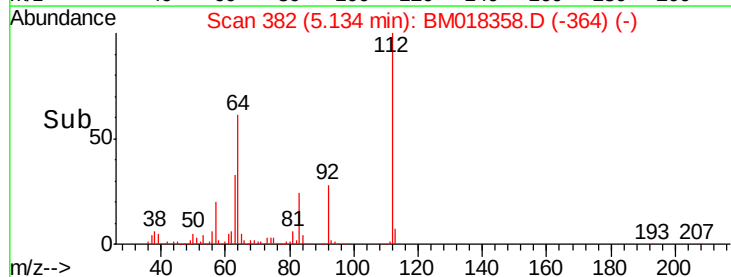
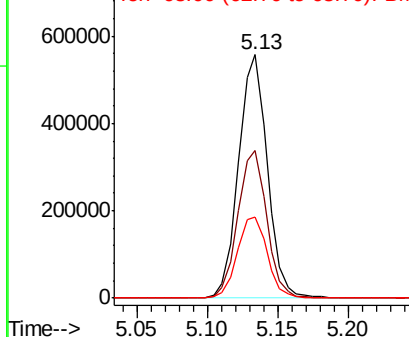


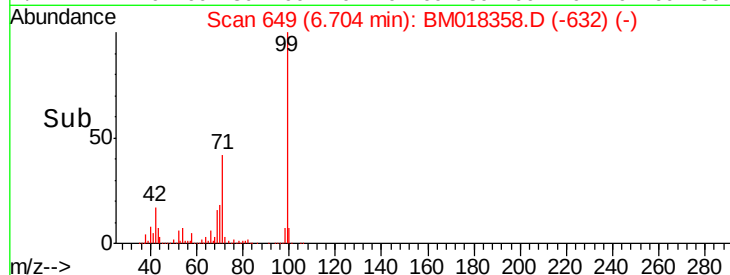
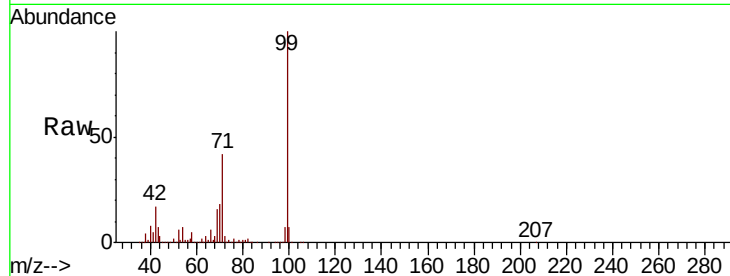
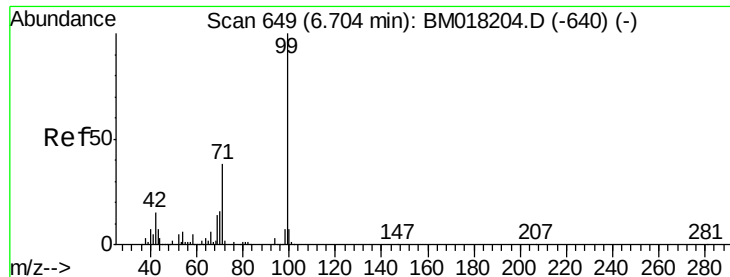
Abundance

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: 105.763 ng

RT: 6.70 min Scan# 649

Delta R.T. -0.00 min

Lab File: BM018358.D

Acq: 21 Dec 2018 13:44

Tot Ion: 99 Resp: 1067918

Ion Ratio Lower Upper

99 100

42 17.0 12.3 18.5

71 42.4 30.2 45.2

Instrument :

BNA_M

ClientSampleId :

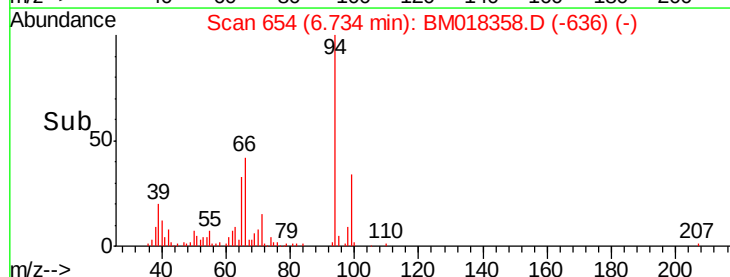
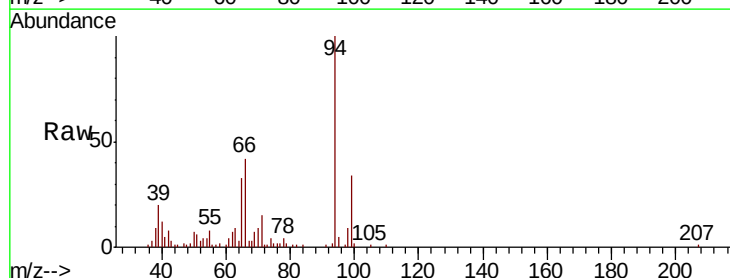
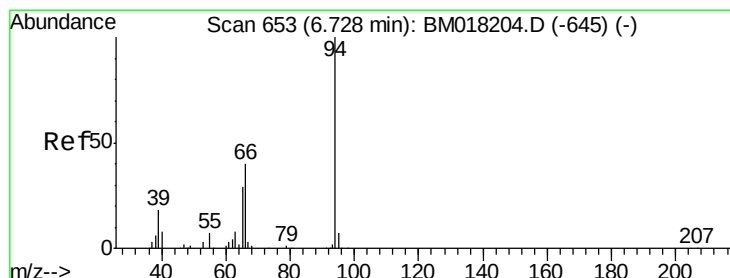
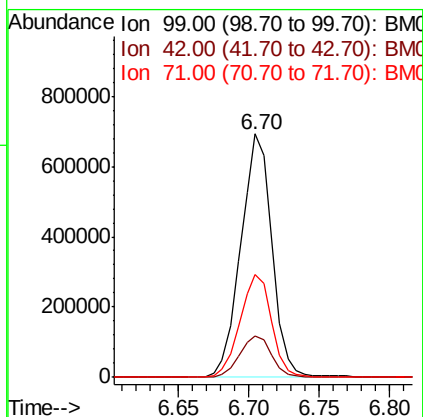
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#10

Phenol

Concen: 7.517 ng

RT: 6.73 min Scan# 654

Delta R.T. 0.01 min

Lab File: BM018358.D

Acq: 21 Dec 2018 13:44

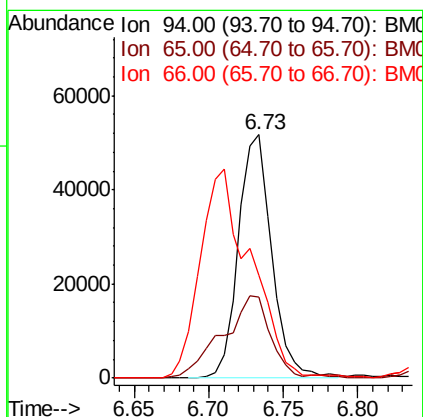
Tgt Ion: 94 Resp: 80386

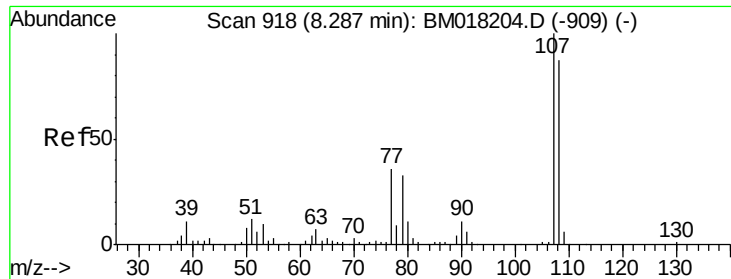
Ion Ratio Lower Upper

94 100

65 33.1 9.5 49.5

66 42.0 21.3 61.3





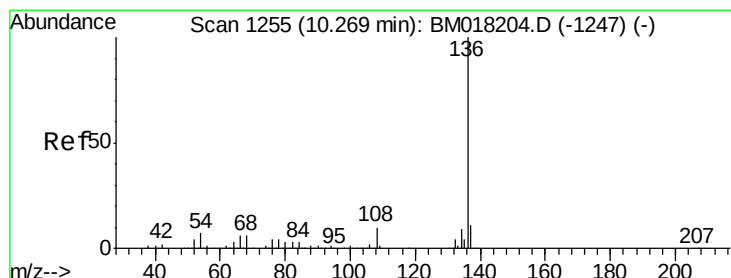
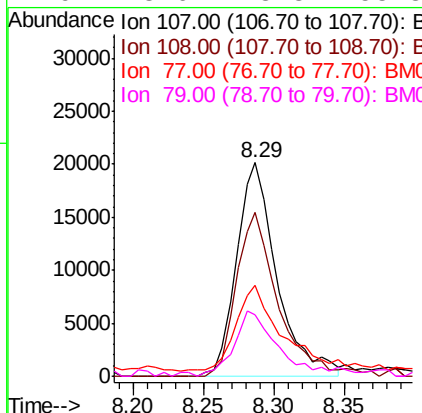
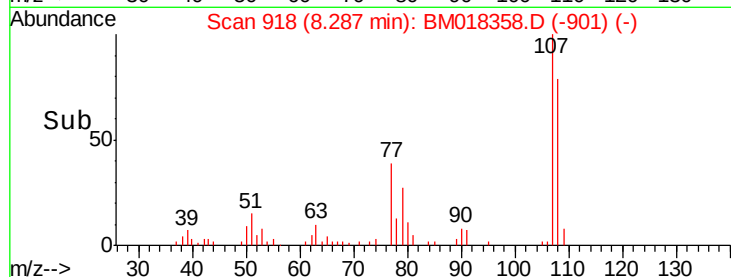
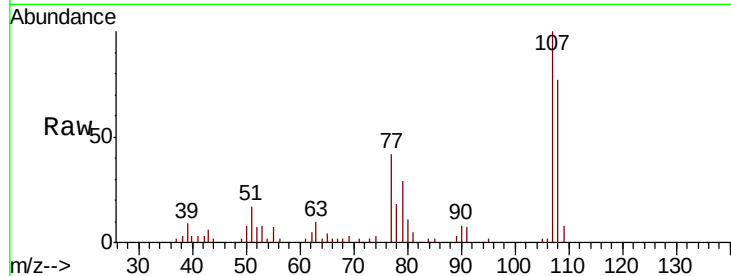
#20
3+4-Methylphenols
Concen: 4.024 ng
RT: 8.29 min Scan# 918
Delta R.T. -0.00 min
Lab File: BM018358.D
Acq: 21 Dec 2018 13:44

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1824-01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	40264		
108	108	76.9		67.4	107.4
77	77	42.5		15.7	55.7
79	79	28.6		13.3	53.3

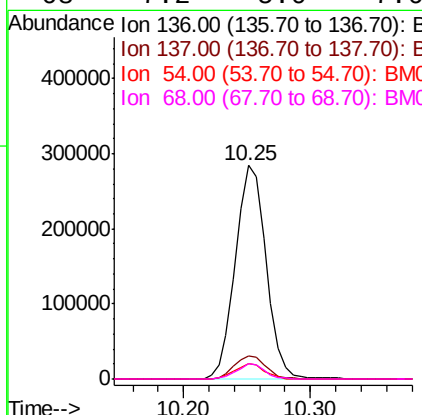
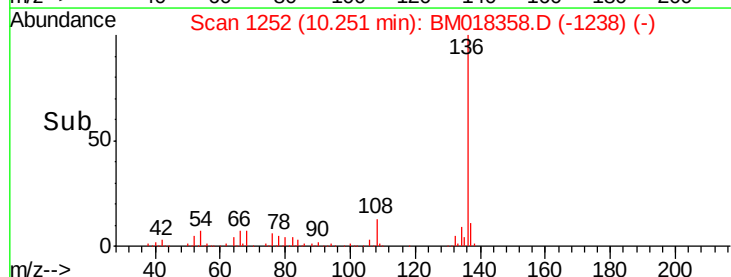
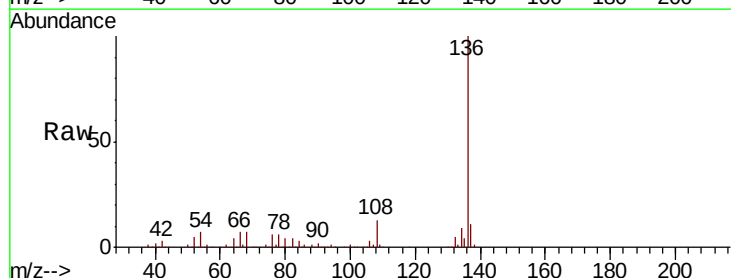
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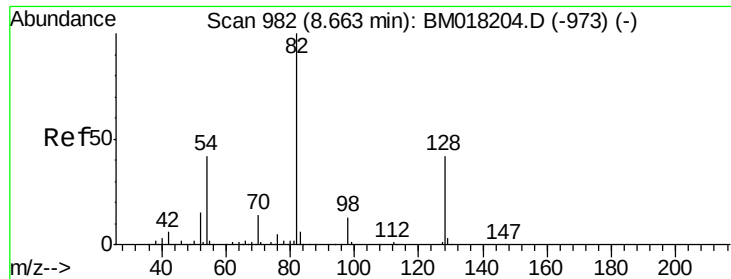
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018358.D
Acq: 21 Dec 2018 13:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	136	100	479086		
137	137	10.9		9.2	13.8
54	54	7.1		5.2	7.8
68	68	7.2		5.0	7.6





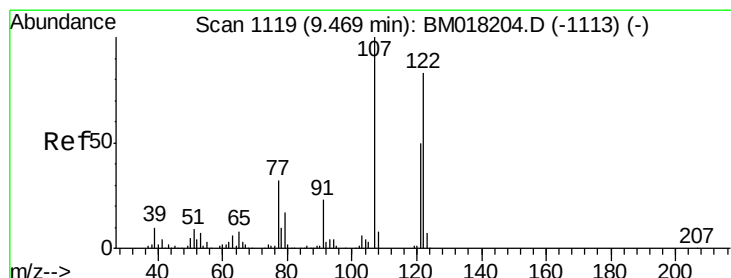
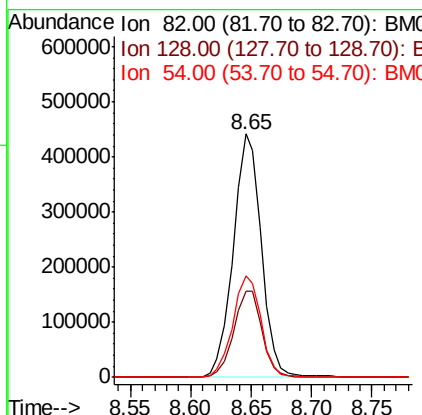
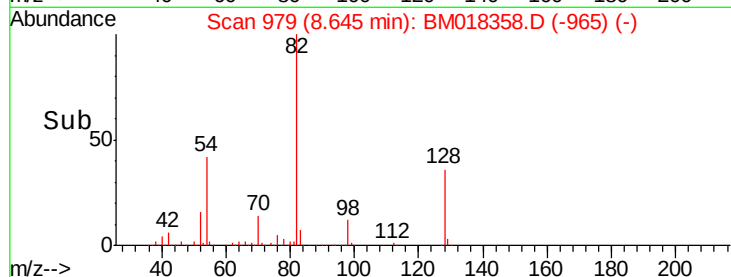
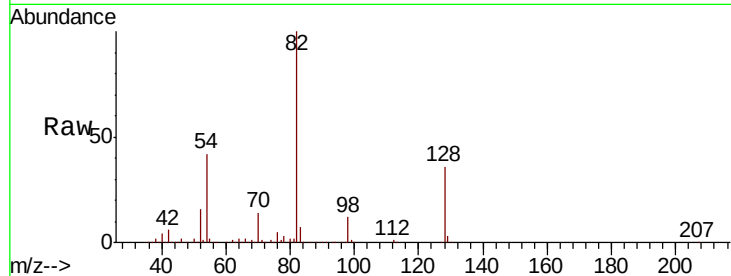
#23
 Nitrobenzene-d5
 Concen: 76.793 ng
 RT: 8.65 min Scan# 979
 Delta R.T. -0.02 min
 Lab File: BM018358.D
 Acq: 21 Dec 2018 13:44

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS008-1824-01

Tot Ion	82	Resp	717253
Ion	Ratio	Lower	Upper
82	100		
128	35.6	33.4	50.2
54	41.8	33.4	50.2

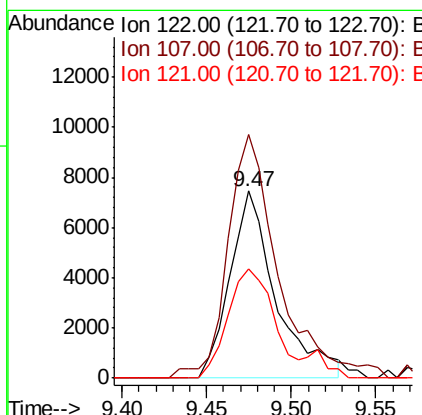
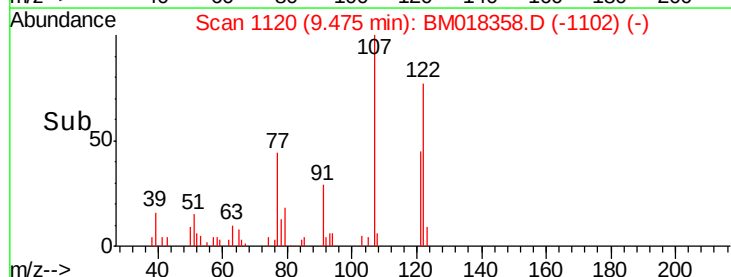
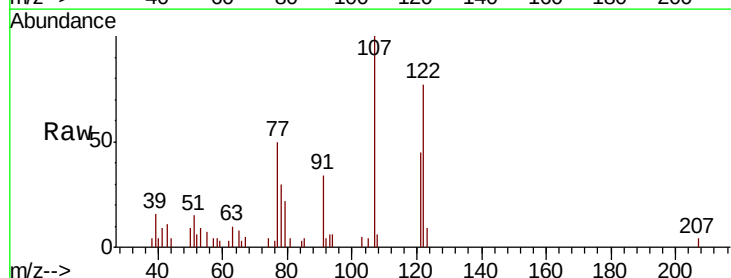
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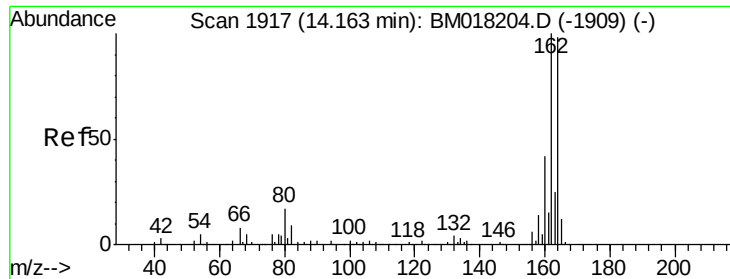
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#27
 2,4-Dimethylphenol
 Concen: 2.142 ng
 RT: 9.47 min Scan# 1120
 Delta R.T. 0.01 min
 Lab File: BM018358.D
 Acq: 21 Dec 2018 13:44

Tgt Ion	122	Resp	14130
Ion	Ratio	Lower	Upper
122	100		
107	130.4	96.5	144.7
121	58.5	48.2	72.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.15 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BM018358.D

Acq: 21 Dec 2018 13:44

Instrument :

BNA_M

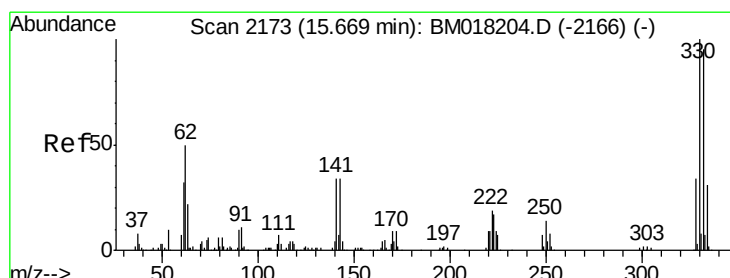
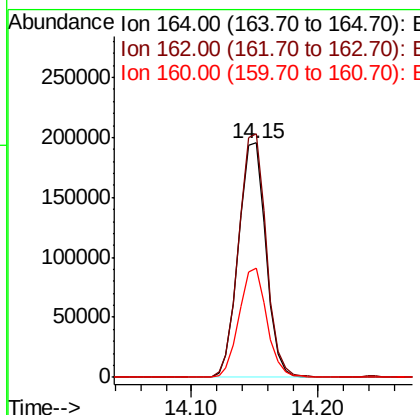
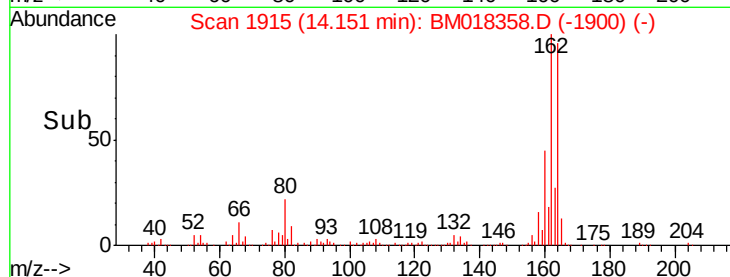
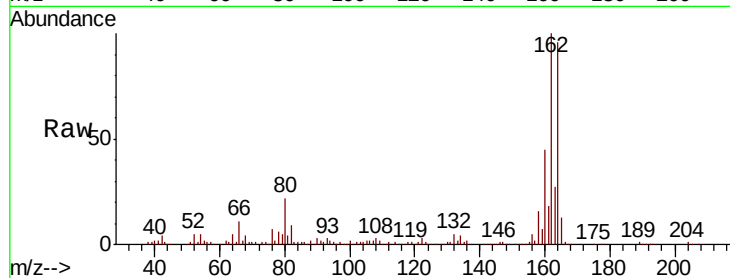
ClientSampleId :

P001-SS008-1824-01

Tot Ion:	164	Resp:	291760
Ion Ratio	Lower	Upper	
164	100		
162	103.9	81.8	122.6
160	46.9	34.6	51.8

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#42

2,4,6-Tribromophenol

Concen: 85.355 ng

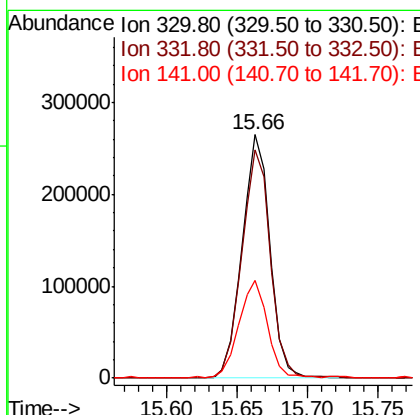
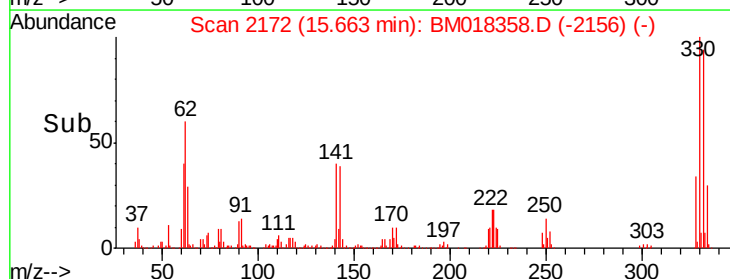
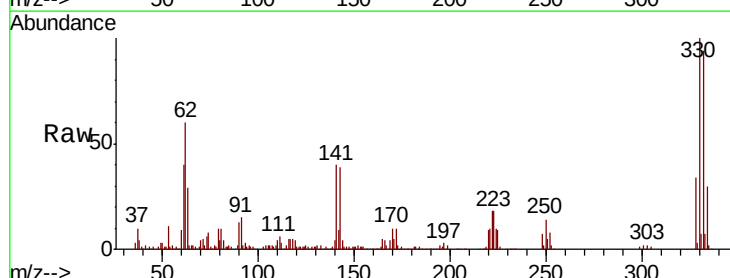
RT: 15.66 min Scan# 2172

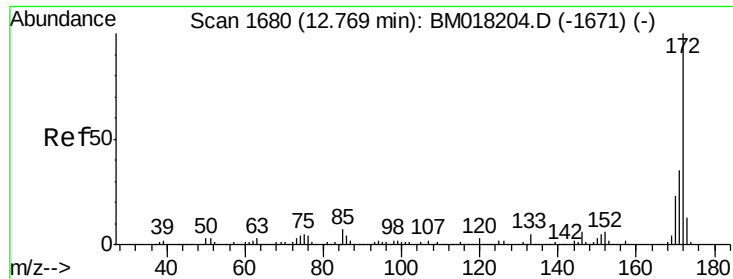
Delta R.T. -0.01 min

Lab File: BM018358.D

Acq: 21 Dec 2018 13:44

Tgt Ion:	330	Resp:	365511
Ion Ratio	Lower	Upper	
330	100		
332	95.8	78.6	118.0
141	40.8	27.1	40.7#





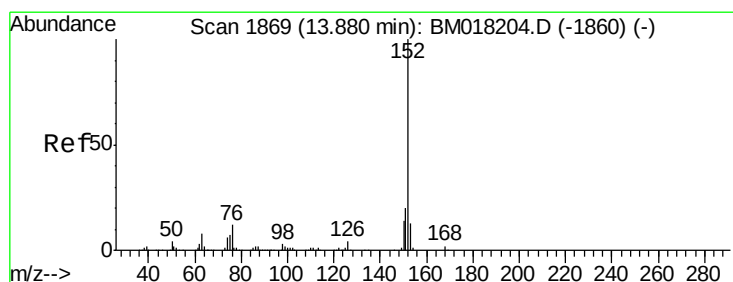
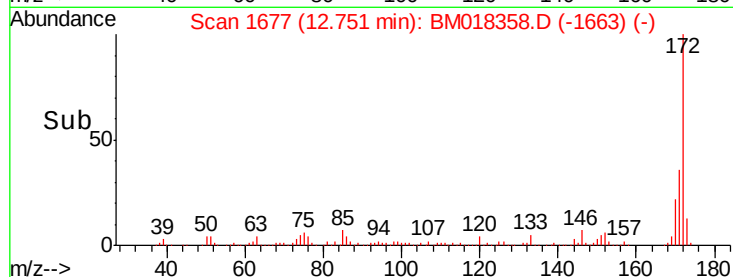
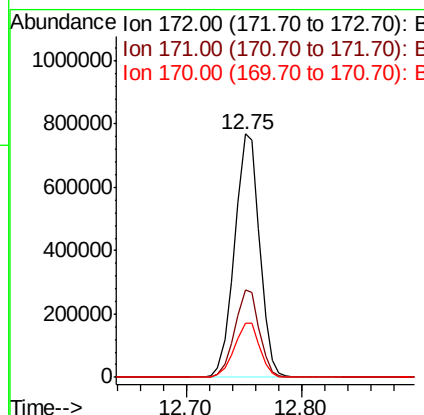
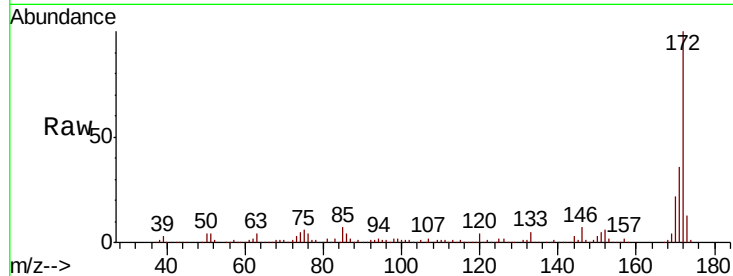
#45
2-Fluorobiphenyl
Concen: 51.326 ng
RT: 12.75 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BM018358.D
Acq: 21 Dec 2018 13:44

Instrument :
BNA_M
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P001-SS008-1824-01

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.3	42.5
170	22.4	18.1	27.1

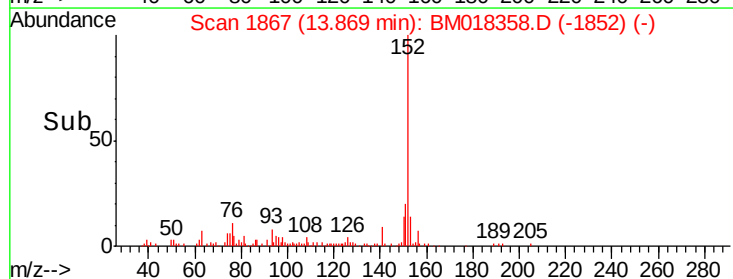
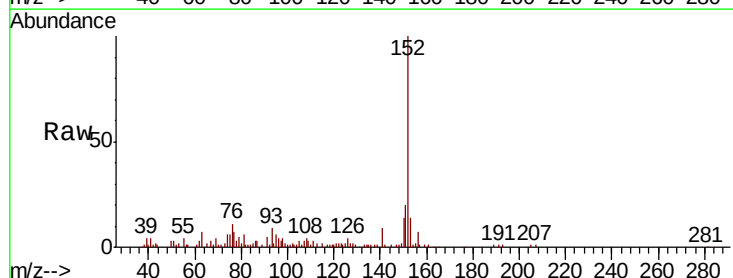
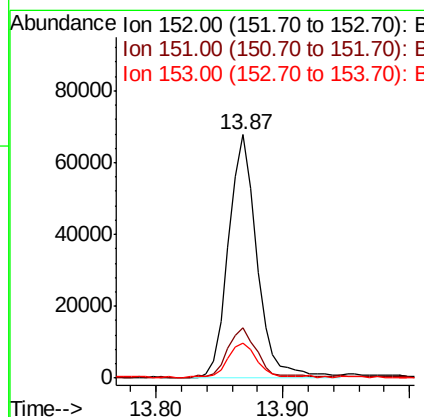
Manual Integrations
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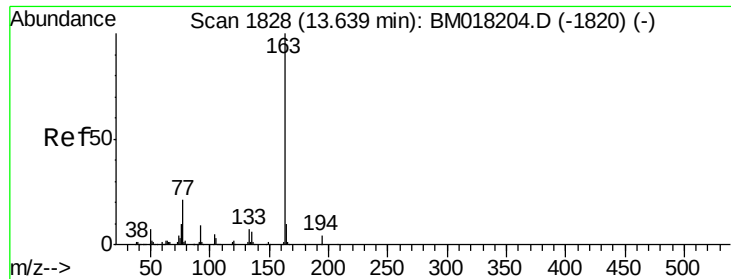
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#49
Acenaphthylene
Concen: 3.650 ng
RT: 13.87 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BM018358.D
Acq: 21 Dec 2018 13:44

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.0	24.0
153	14.5	10.2	15.2





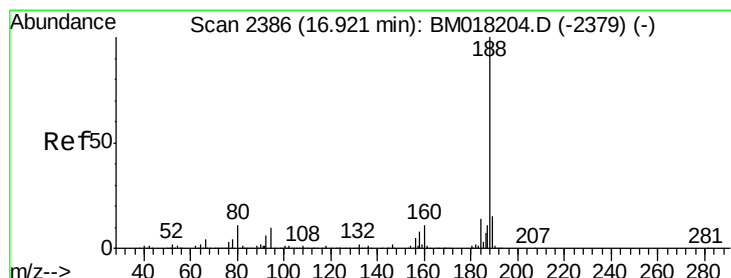
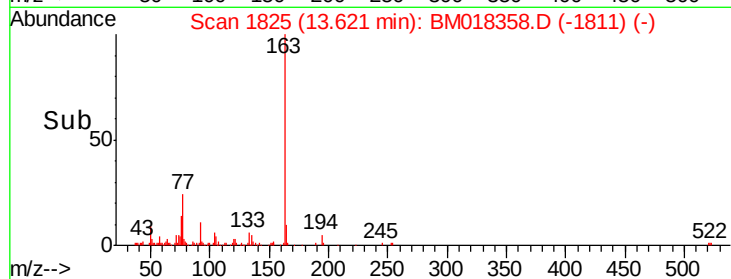
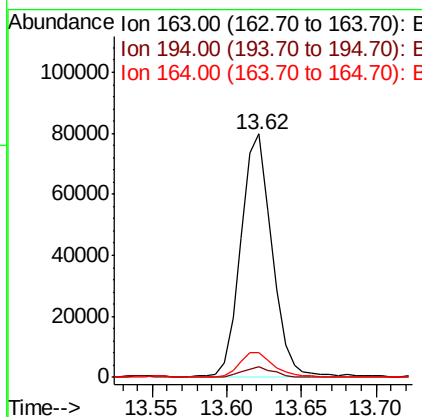
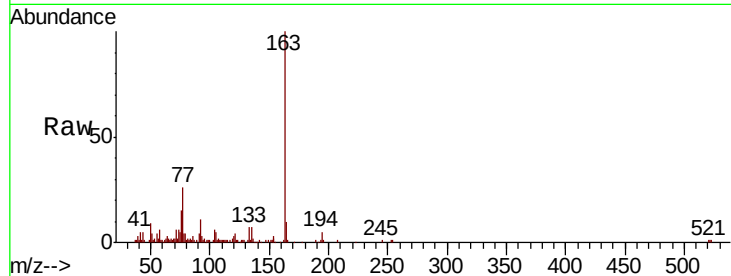
#50
Dimethylphthalate
Concen: 4.782 ng
RT: 13.62 min Scan# 1825
Delta R.T. -0.02 min
Lab File: BM018358.D
Acq: 21 Dec 2018 13:44

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1824-01

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.1	4.7
164	10.2	7.9	11.9

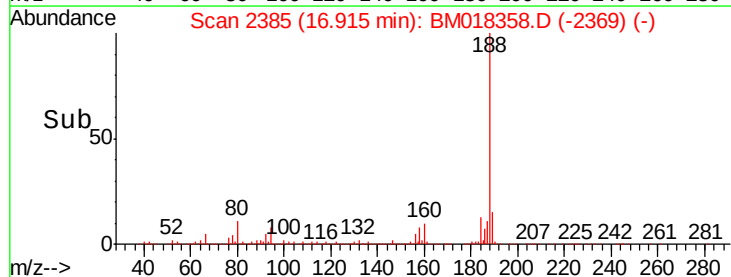
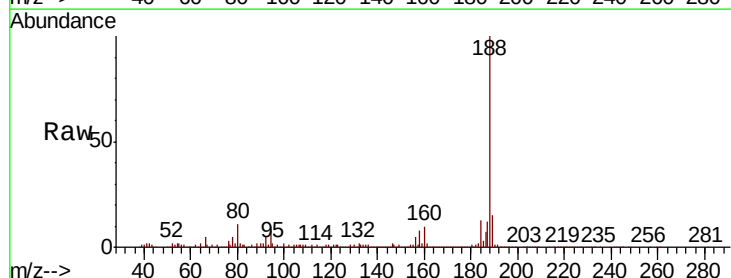
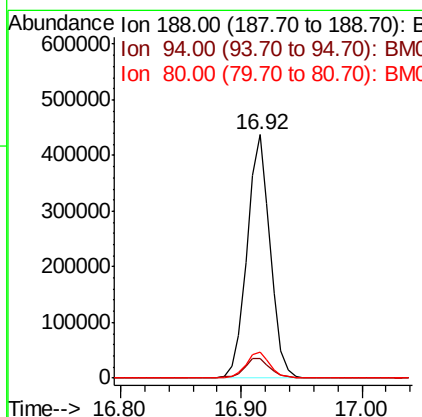
Manual Integrations
APPROVED

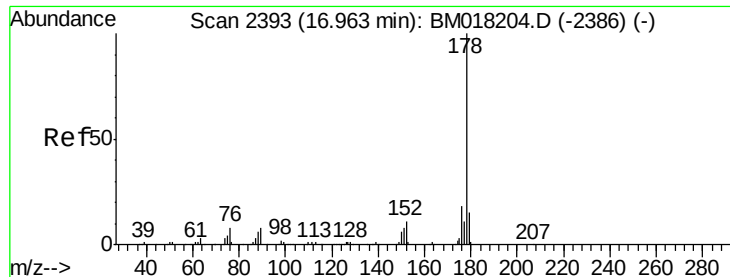
Sohil
12/26/2018 3:19:55 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.92 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BM018358.D
Acq: 21 Dec 2018 13:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.0	12.0
80	10.7	9.0	13.6





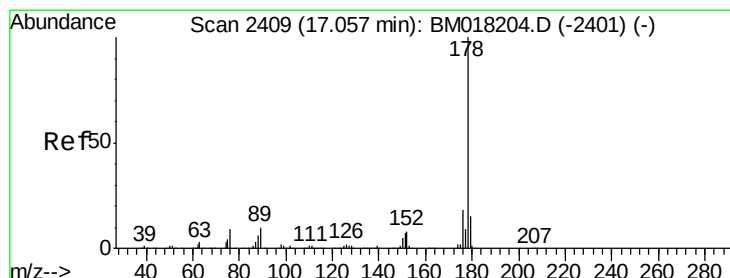
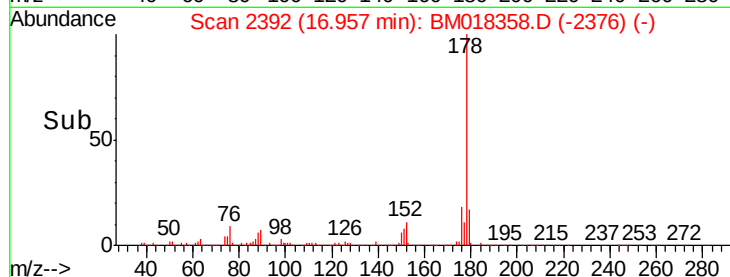
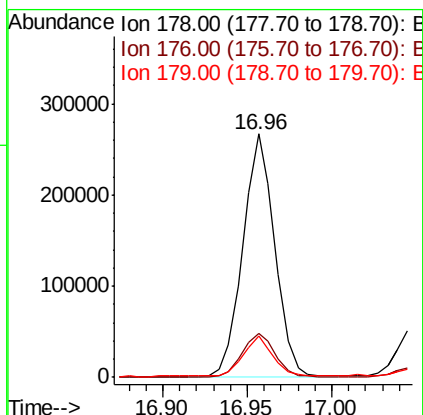
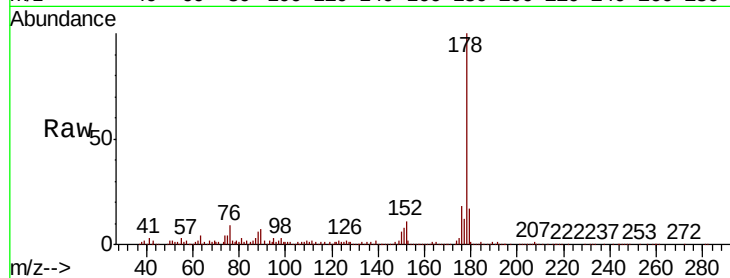
#71
Phenanthrene
Concen: 11.002 ng
RT: 16.96 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM018358.D
Acq: 21 Dec 2018 13:44

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1824-01

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.7	22.1
179	17.2	12.0	18.0

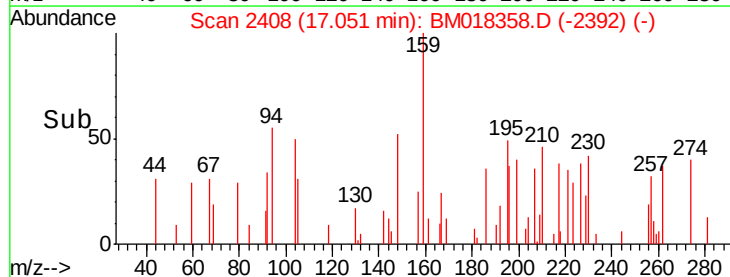
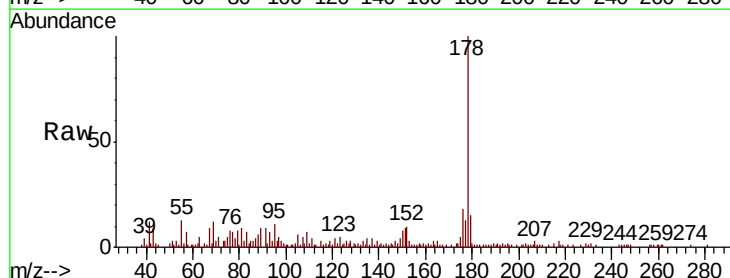
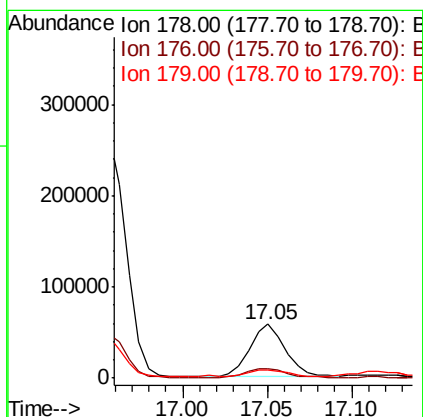
Manual Integrations
APPROVED

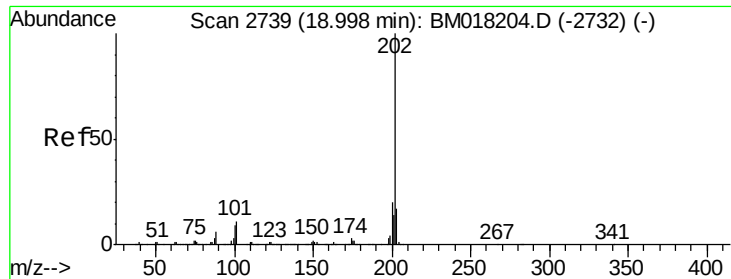
Sohil
12/26/2018 3:19:55 PM



#72
Anthracene
Concen: 2.687 ng
RT: 17.05 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BM018358.D
Acq: 21 Dec 2018 13:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.6	14.3	21.5
179	14.5	12.0	18.0





#75

Fluoranthene

Concen: 6.894 ng

RT: 18.99 min Scan# 2738

Delta R.T. -0.01 min

Lab File: BM018358.D

Acq: 21 Dec 2018 13:44

Instrument :

BNA_M

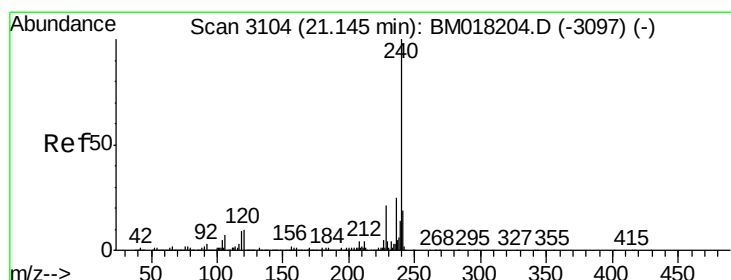
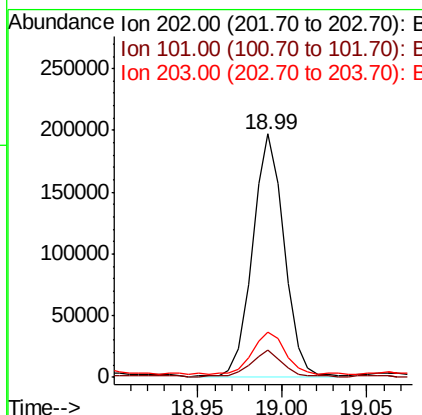
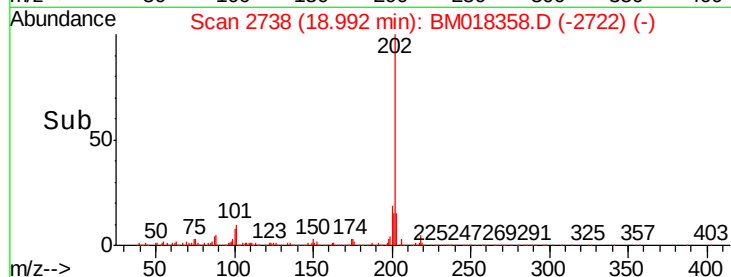
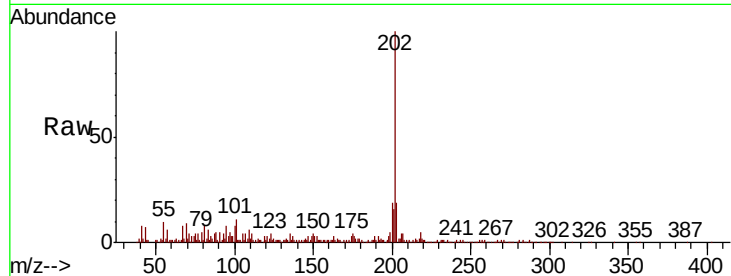
ClientSampleId :

P001-SS008-1824-01

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.0	0.0	30.5
203	18.8	0.0	37.5

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

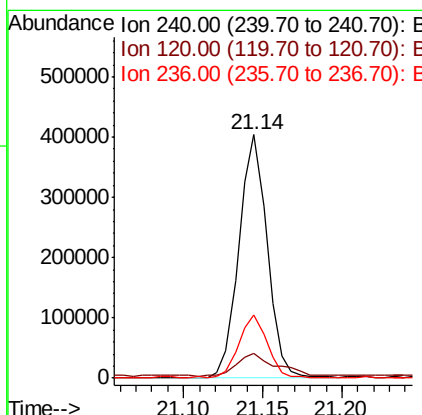
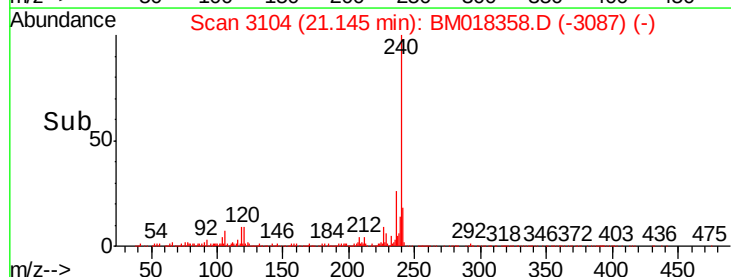
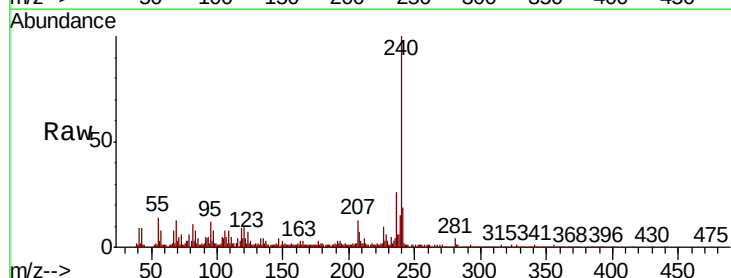
RT: 21.14 min Scan# 3104

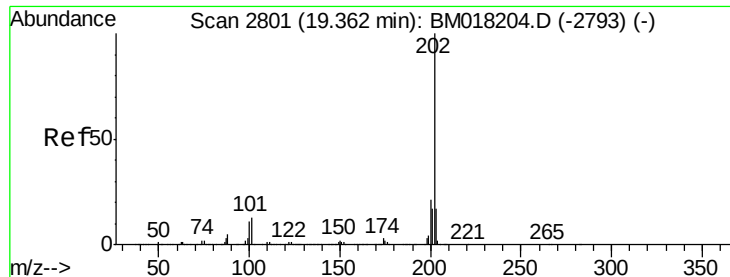
Delta R.T. -0.00 min

Lab File: BM018358.D

Acq: 21 Dec 2018 13:44

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.0	8.2	12.2
236	26.1	20.3	30.5





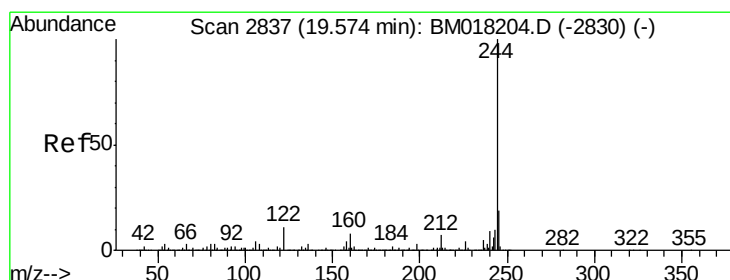
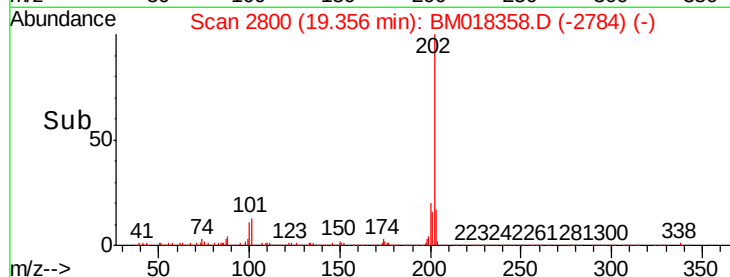
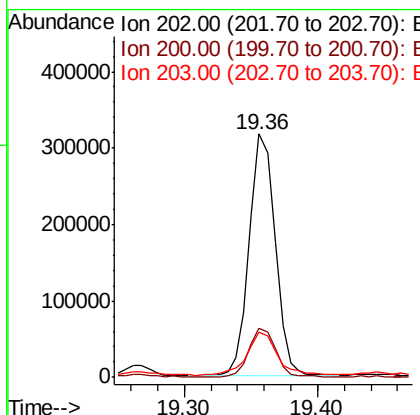
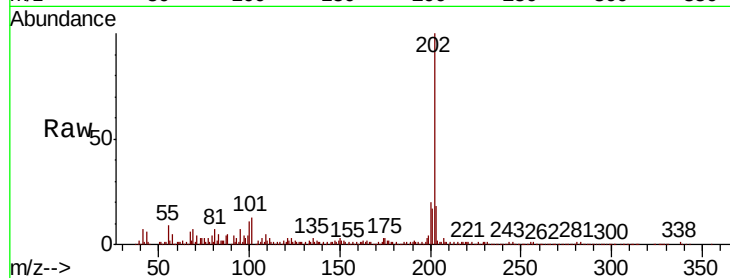
#78
Pvrene
Concen: 14.403 ng
RT: 19.36 min Scan# 2800
Delta R.T. -0.01 min
Lab File: BM018358.D
Acq: 21 Dec 2018 13:44

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1824-01

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.5	24.7
203	18.5	14.0	21.0

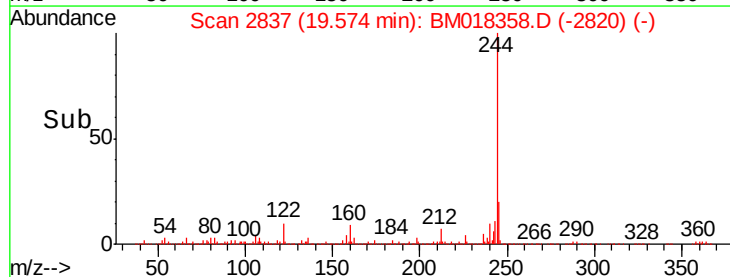
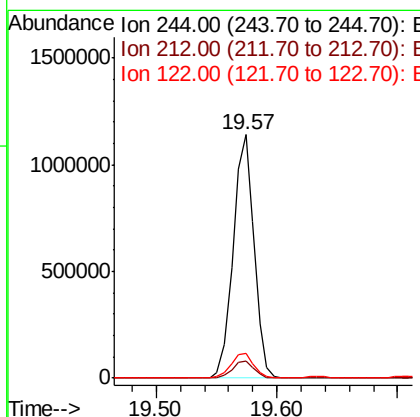
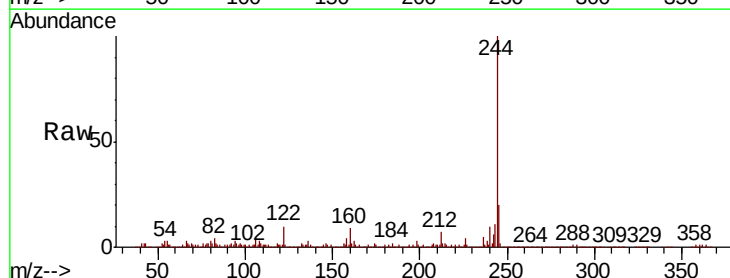
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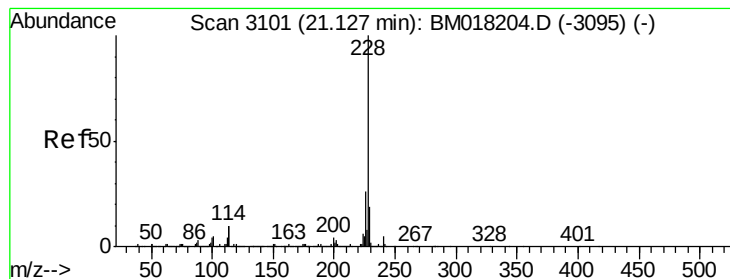
Sohil
12/26/2018 3:19:55 PM



#79
Terphenyl-d14
Concen: 62.588 ng
RT: 19.57 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BM018358.D
Acq: 21 Dec 2018 13:44

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	10.3	9.0	13.6





#81

Benzo(a)anthracene

Concen: 5.240 ng

RT: 21.13 min Scan# 3101

Delta R.T. -0.00 min

Lab File: BM018358.D

Acq: 21 Dec 2018 13:44

Instrument :

BNA_M

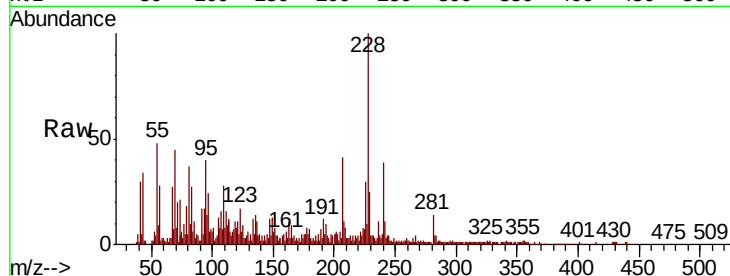
ClientSampleId :

P001-SS008-1824-01

Tot Ion:	228	Resp:	151895
Ion Ratio	Lower	Upper	
228	100		
226	30.4	21.0	31.4
229	25.1	15.5	23.3#

Manual Integrations
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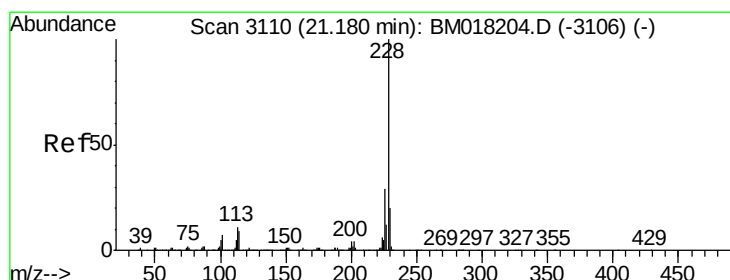
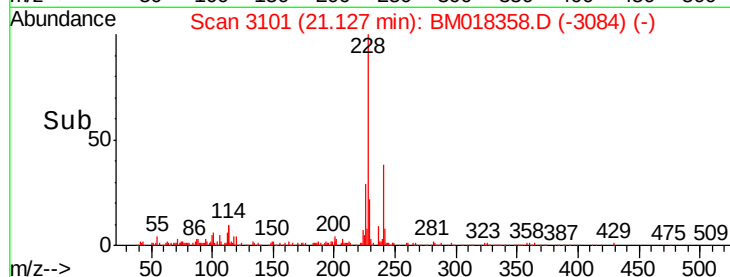
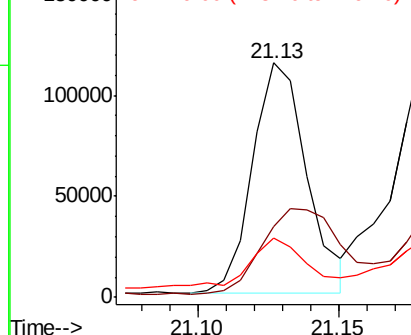


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 5.712 ng

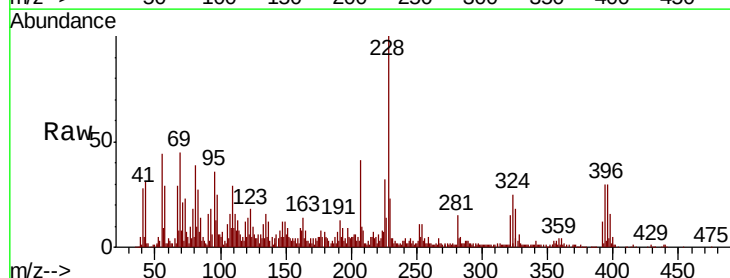
RT: 21.18 min Scan# 3110

Delta R.T. -0.00 min

Lab File: BM018358.D

Acq: 21 Dec 2018 13:44

Tgt Ion:	228	Resp:	159257
Ion Ratio	Lower	Upper	
228	100		
226	31.7	23.1	34.7
229	23.3	15.8	23.6

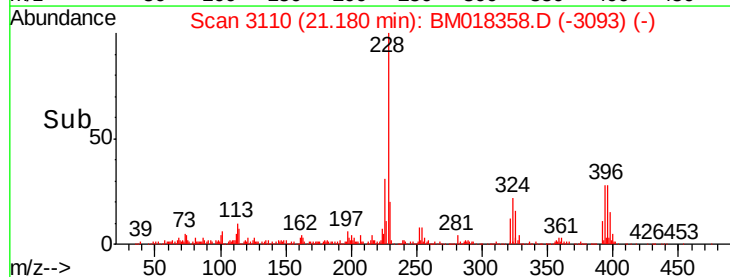
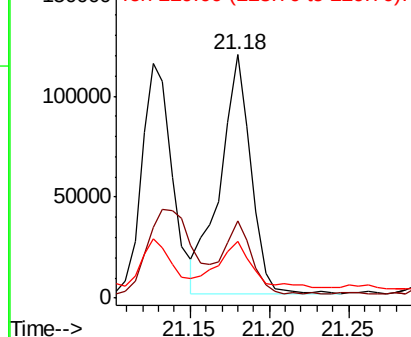


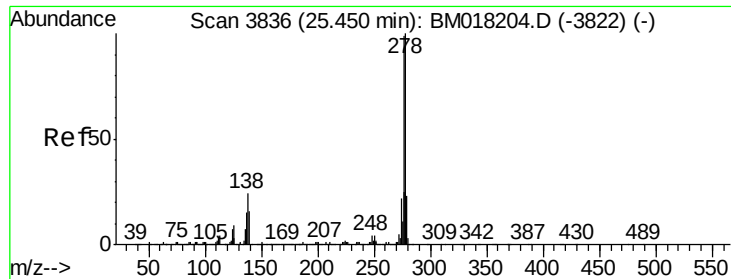
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





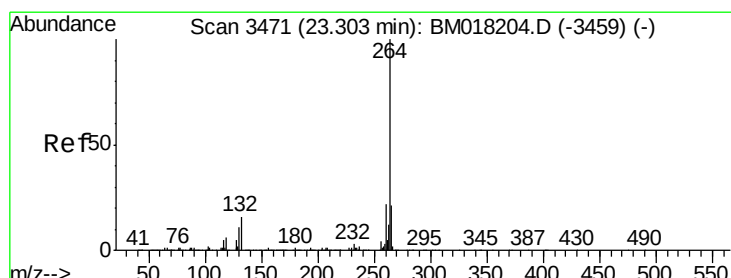
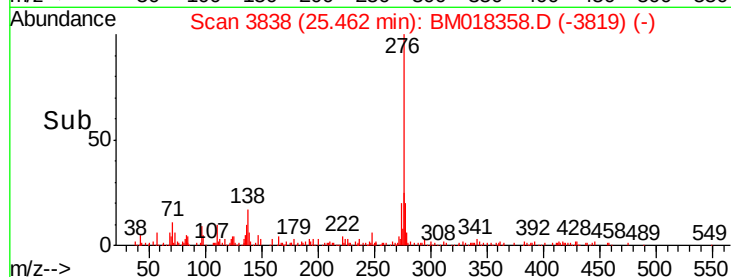
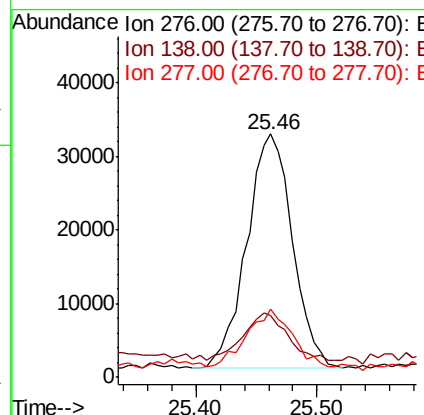
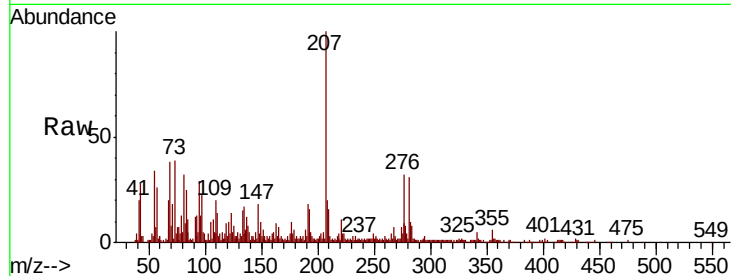
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.010 ng
RT: 25.46 min Scan# 3838
Delta R.T. 0.01 min
Lab File: BM018358.D
Acq: 21 Dec 2018 13:44

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1824-01

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.4	18.6	28.0
277	23.7	20.3	30.5

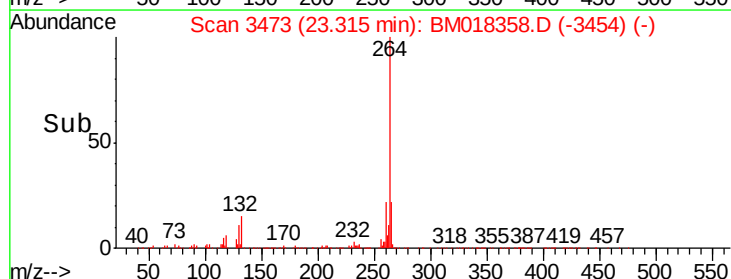
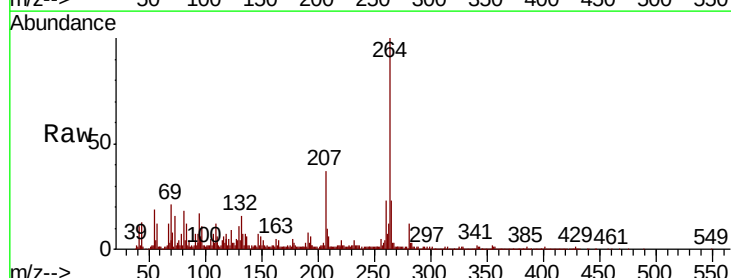
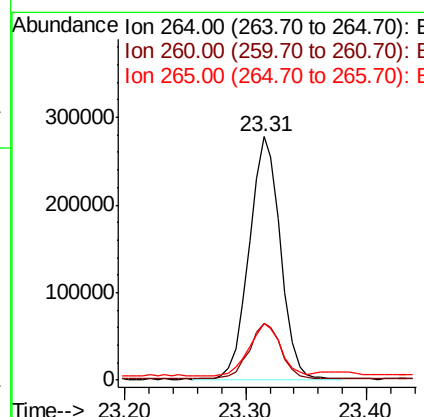
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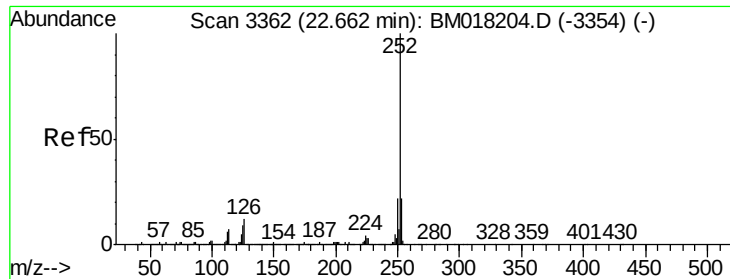
Sohil
12/26/2018 3:19:55 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 23.31 min Scan# 3473
Delta R.T. 0.01 min
Lab File: BM018358.D
Acq: 21 Dec 2018 13:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.5	26.3
265	23.4	17.3	25.9





#88

Benzo(b)fluoranthene

Concen: 5.068 ng m

RT: 22.68 min Scan# 3365

Delta R.T. 0.02 min

Lab File: BM018358.D

Acq: 21 Dec 2018 13:44

Instrument :

BNA_M

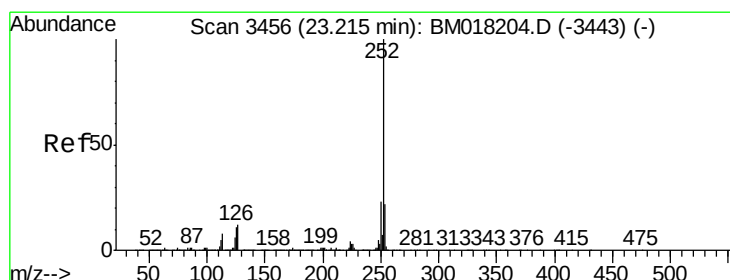
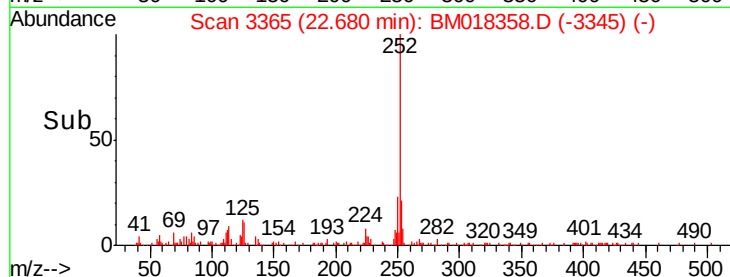
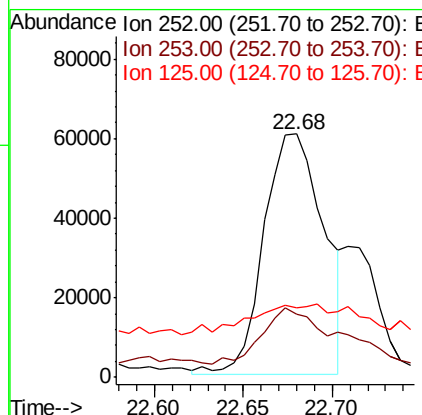
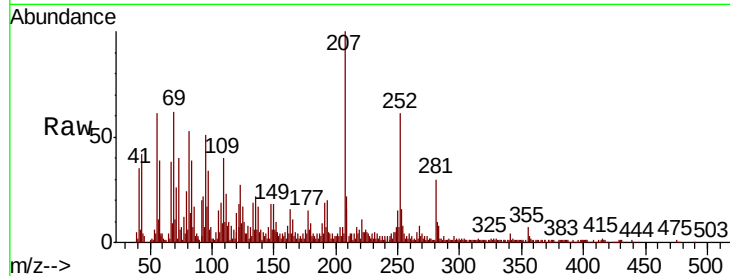
ClientSampleId :

P001-SS008-1824-01

Tot Ion:	252	Resp:	141415
Ion Ratio	Lower	Upper	
252	100		
253	26.1	17.6	26.4
125	28.6	7.4	11.0#

Manual Integrations
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12/26/2018 3:19:55 PM



#90

Benzo(a)pyrene

Concen: 5.477 ng

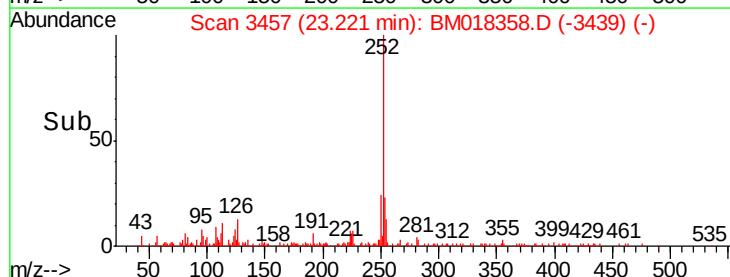
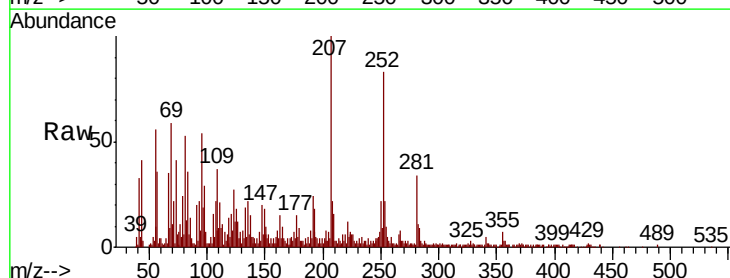
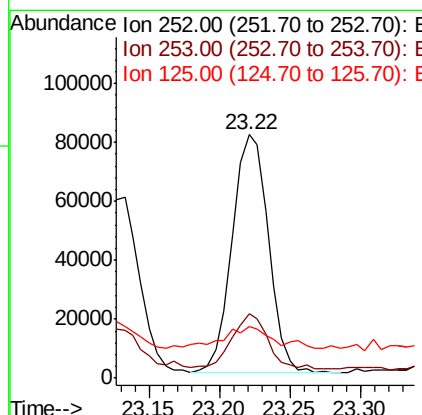
RT: 23.22 min Scan# 3457

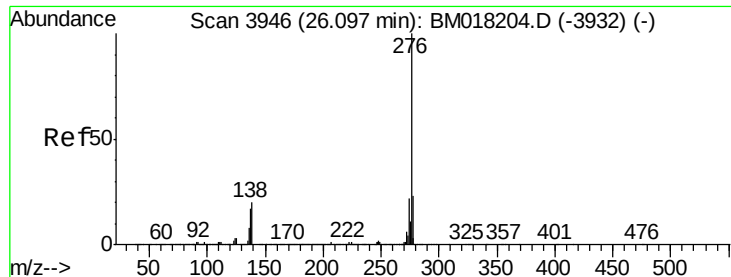
Delta R.T. 0.01 min

Lab File: BM018358.D

Acq: 21 Dec 2018 13:44

Tgt Ion:	252	Resp:	145350
Ion Ratio	Lower	Upper	
252	100		
253	26.3	17.6	26.4
125	21.3	8.6	12.8#





#92

Benzo(a,h,i)perylene

Concen: 5.343 ng

RT: 26.12 min Scan# 3950

Delta R.T. 0.02 min

Lab File: BM018358.D

Acq: 21 Dec 2018 13:44

Instrument :

BNA_M

ClientSampleId :

P001-SS008-1824-01

Tot Ion:	276	Resp:	124174
Ion Ratio	Lower	Upper	
276	100		
277	26.7	18.7	28.1
138	23.4	15.8	23.8

Manual Integrations
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