

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121818\
 Data File : BM018274.D
 Acq On : 18 Dec 2018 16:59
 Operator : JU/SJ
 Sample : J6403-17DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-3-ADL

Manual Integrations
 APPROVED

Sohil
 12/19/2018 4:18:13 PM

Quant Time: Dec 18 17:35:54 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	166540	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	702142	20.00	ng	-0.02
39) Acenaphthene-d10	14.14	164	386437	20.00	ng	-0.02
64) Phenanthrene-d10	16.91	188	747737	20.00	ng	-0.01
76) Chrysene-d12	21.13	240	628032	20.00	ng	-0.01
87) Perylene-d12	23.29	264	659048	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	84033	8.43	ng	0.00
7) Phenol-d6	6.69	99	113154	8.17	ng	-0.02
23) Nitrobenzene-d5	8.65	82	70441	5.15	ng	-0.01
42) 2,4,6-Tribromophenol	15.66	330	33598	5.92	ng	-0.01
45) 2-Fluorobiphenyl	12.75	172	149973	5.03	ng	-0.02
79) Terphenyl-d14	19.56	244	158033	5.69	ng	-0.01
Target Compounds						
31) Naphthalene	10.30	128	479480	13.966	ng	99
37) 2-Methylnaphthalene	11.93	142	723551	29.884	ng	98
38) 1-Methylnaphthalene	12.15	142	811503	34.348	ng	99
49) Acenaphthylene	13.86	152	97667	2.533	ng	# 80
52) Acenaphthene	14.21	154	570124	24.193	ng	98
58) Fluorene	15.20	166	326343	11.159	ng	99
71) Phenanthrene	16.95	178	1482834	36.509	ng	99
72) Anthracene	17.04	178	396234	9.834	ng	98
75) Fluoranthene	18.98	202	398102	8.431	ng	97
78) Pyrene	19.35	202	665516	17.784	ng	98
81) Benzo(a)anthracene	21.12	228	240158	6.546	ng	92
83) Chrysene	21.17	228	254438m	7.211	ng	
88) Benzo(b)fluoranthene	22.66	252	119839m	3.237	ng	
90) Benzo(a)pyrene	23.20	252	159739	4.537	ng	99

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

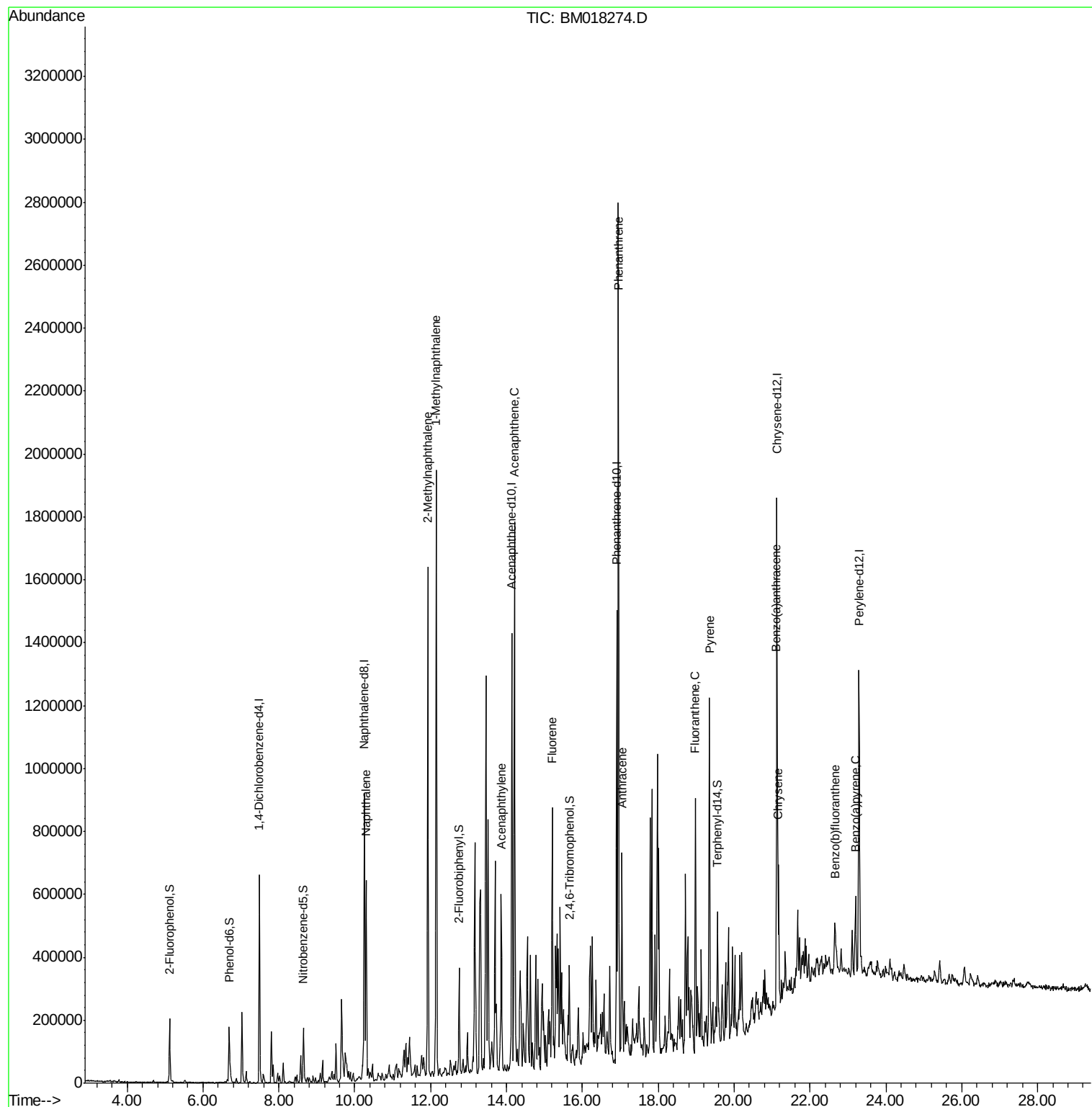
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121818\
Data File : BM018274.D
Acq On : 18 Dec 2018 16:59
Operator : JU/SJ
Sample : J6403-17DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

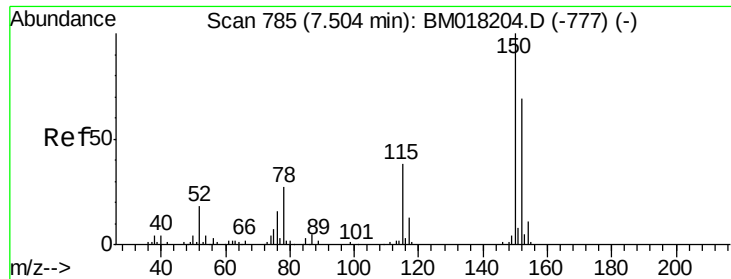
Instrument :
BNA_M
ClientSampleId :
TP-3-ADL

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Quant Time: Dec 18 17:35:54 2018
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

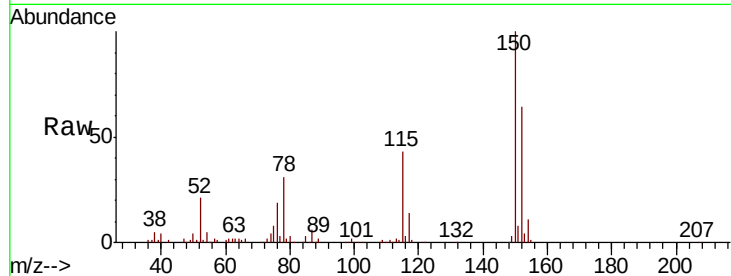
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BM018274.D
Acq: 18 Dec 2018 16:59

Instrument :
BNA_M
ClientSampled :
TP-3-ADL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	116.1	174.1
115	66.9	44.6	67.0

Manual Integrations
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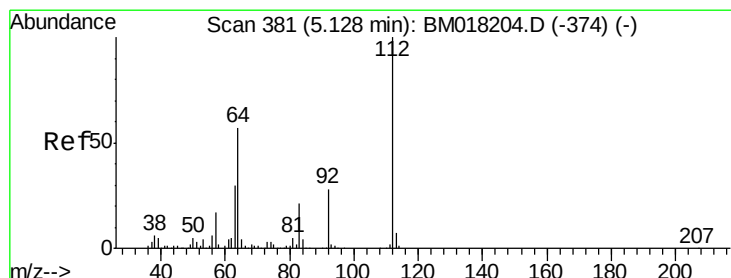
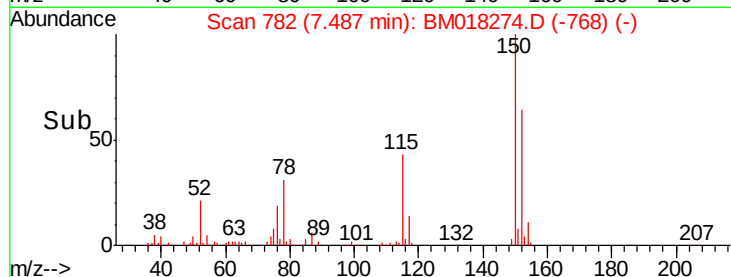
Abundance

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

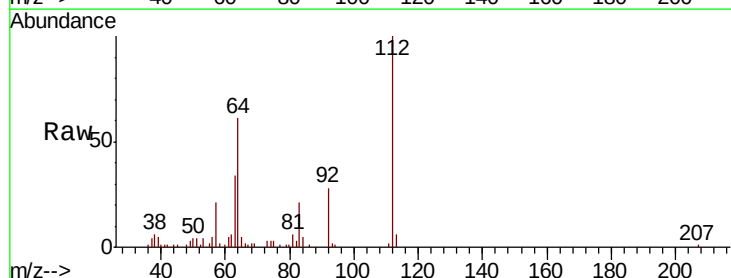
Time-->



#5

2-Fluorophenol
Concen: 8.429 ng
RT: 5.12 min Scan# 380
Delta R.T. -0.01 min
Lab File: BM018274.D
Acq: 18 Dec 2018 16:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	45.4	68.2
63	34.5	24.0	36.0



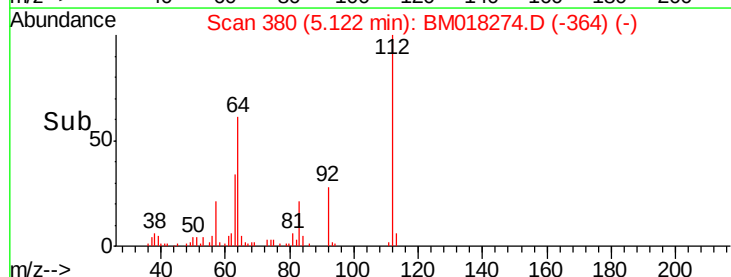
Abundance

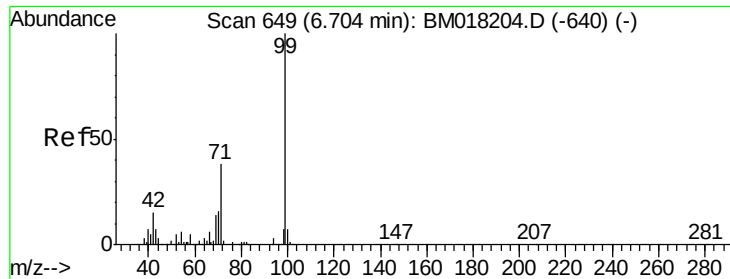
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0

Time-->





#7

Phenol-d6

Concen: 8.166 ng

RT: 6.69 min Scan# 646

Delta R.T. -0.02 min

Lab File: BM018274.D

Acq: 18 Dec 2018 16:59

Instrument :

BNA_M

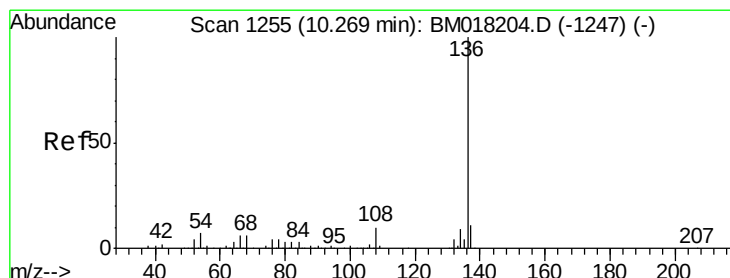
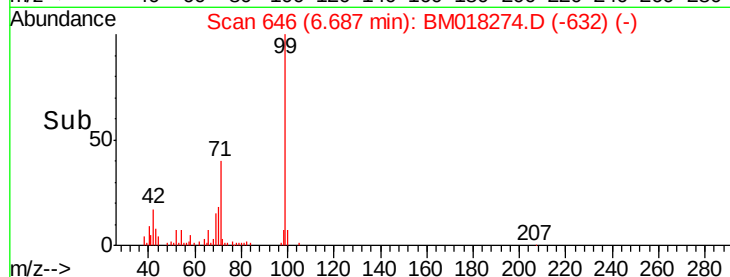
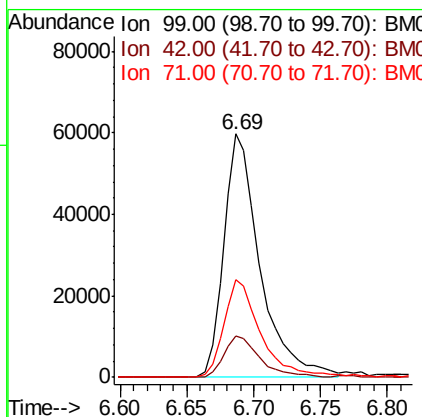
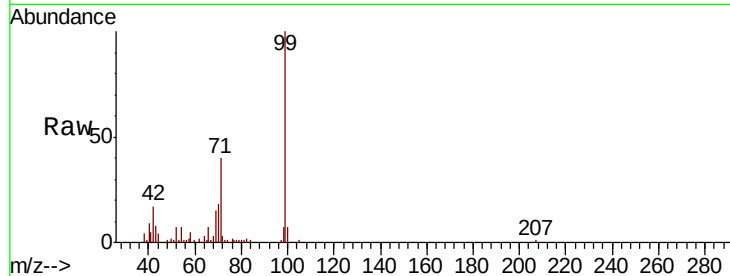
ClientSampled :

TP-3-ADL

Tot Ion:	99	Resp:	113154
Ion	Ratio	Lower	Upper
99	100		
42	17.1	12.3	18.5
71	39.9	30.2	45.2

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#21

Naphthalene-d8

Concen: 20.000 ng

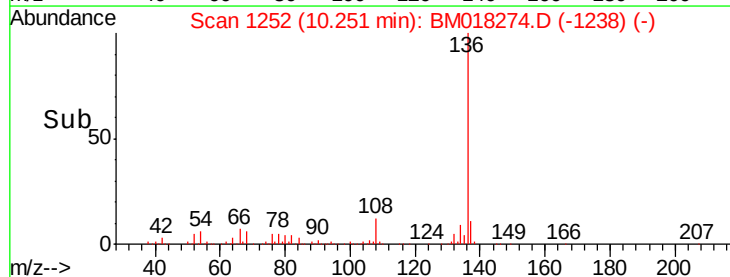
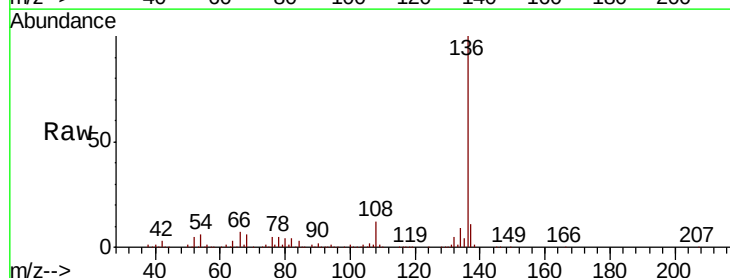
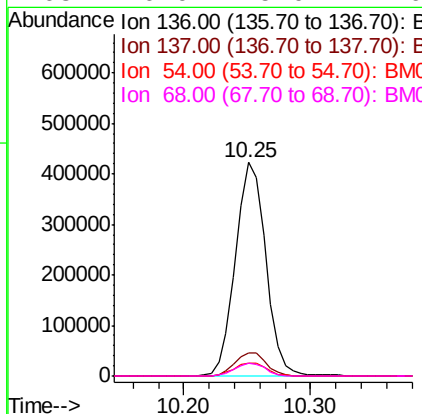
RT: 10.25 min Scan# 1252

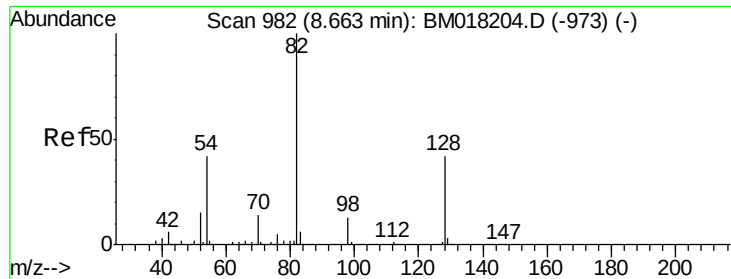
Delta R.T. -0.02 min

Lab File: BM018274.D

Acq: 18 Dec 2018 16:59

Tgt Ion:	136	Resp:	702142
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	6.2	5.2	7.8
68	6.0	5.0	7.6





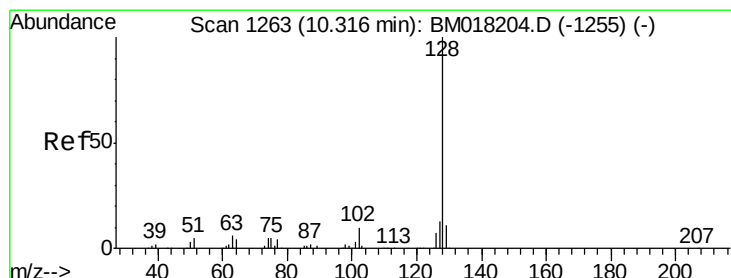
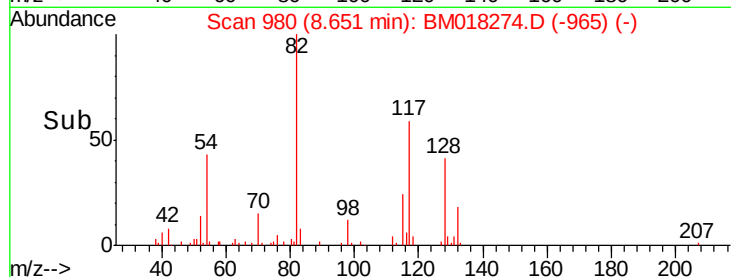
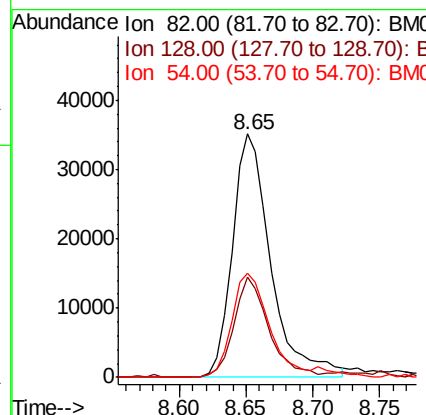
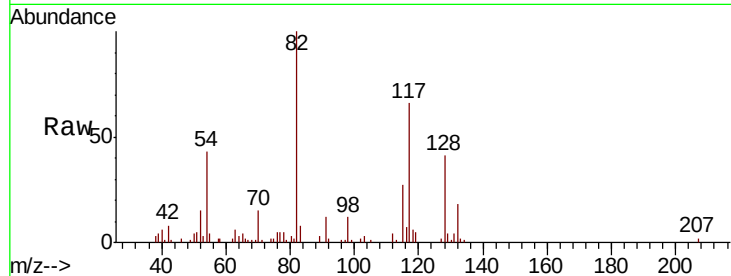
#23
Nitrobenzene-d5
Concen: 5.146 ng
RT: 8.65 min Scan# 980
Delta R.T. -0.01 min
Lab File: BM018274.D
Acq: 18 Dec 2018 16:59

Instrument :
BNA_M
ClientSampled :
TP-3-ADL

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.0	33.4	50.2
54	42.7	33.4	50.2

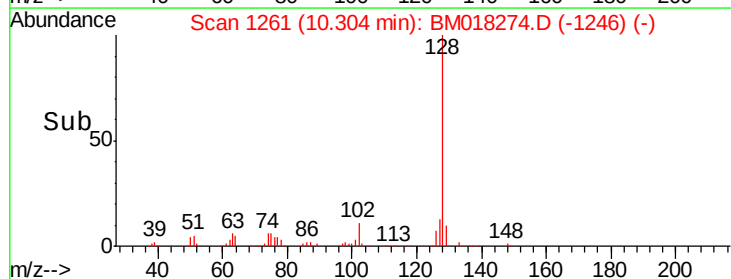
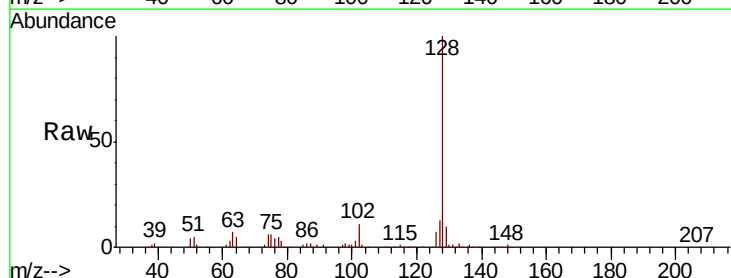
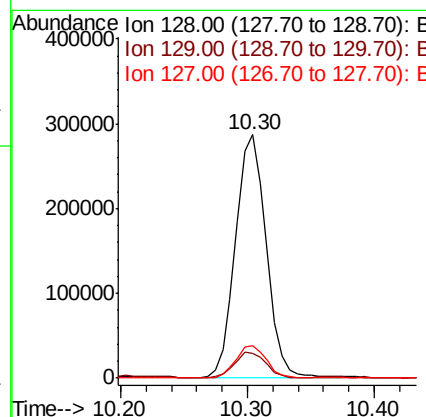
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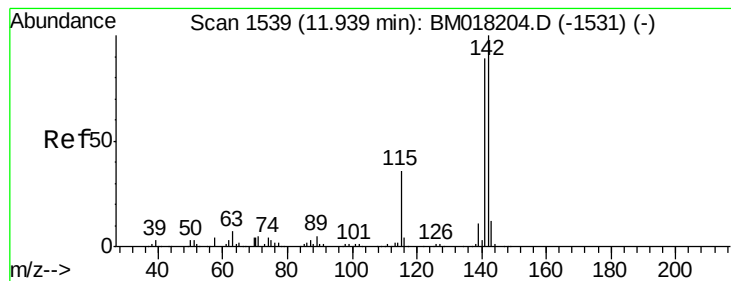
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#31
Naphthalene
Concen: 13.966 ng
RT: 10.30 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BM018274.D
Acq: 18 Dec 2018 16:59

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.9	13.3
127	13.2	10.4	15.6





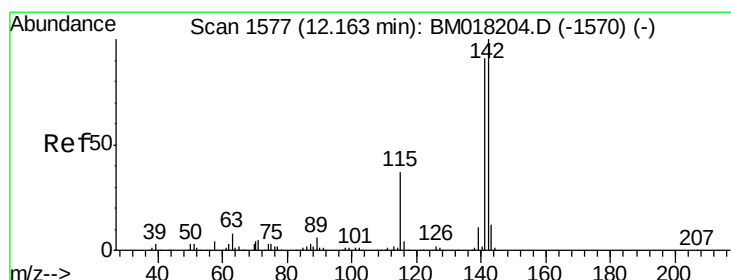
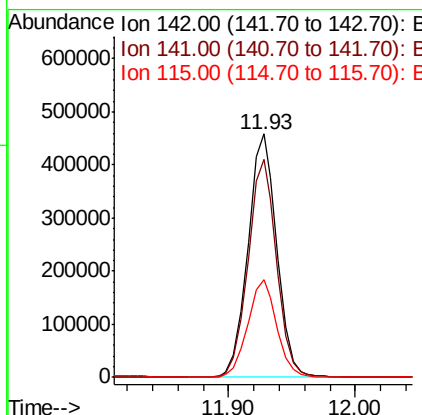
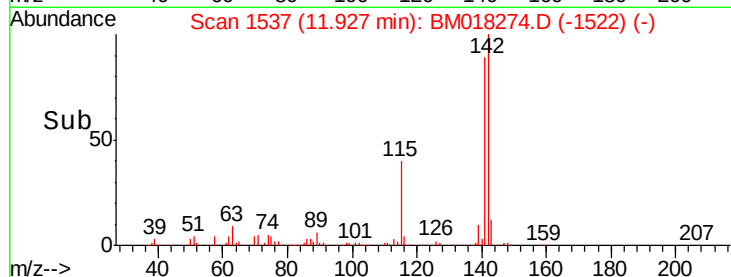
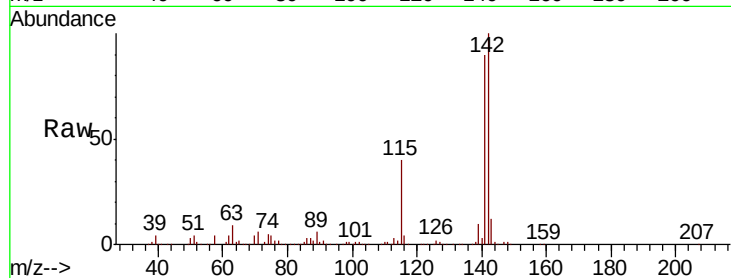
#37
2-Methylnaphthalene
Concen: 29.884 ng
RT: 11.93 min Scan# 1537
Delta R.T. -0.01 min
Lab File: BM018274.D
Acq: 18 Dec 2018 16:59

Instrument :
BNA_M
ClientSampleId :
TP-3-ADL

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.4	107.2
115	40.2	29.0	43.6

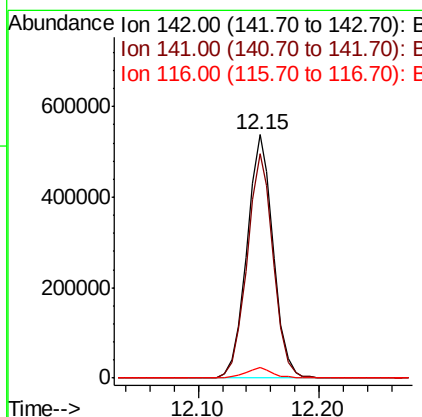
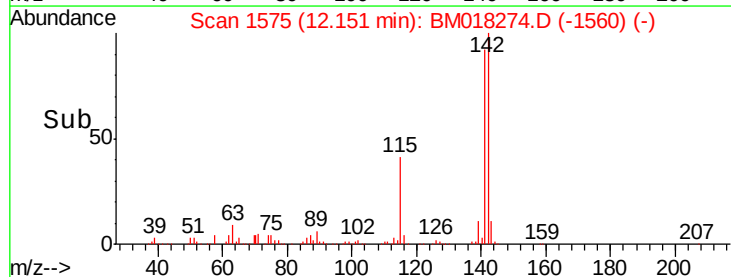
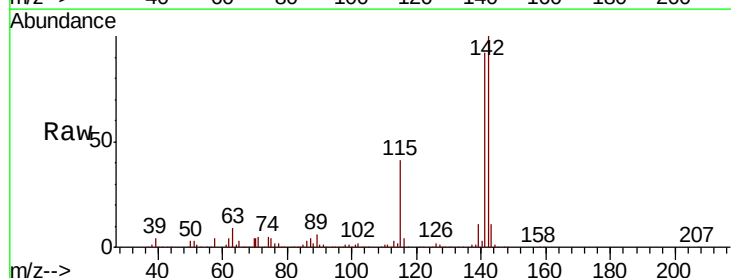
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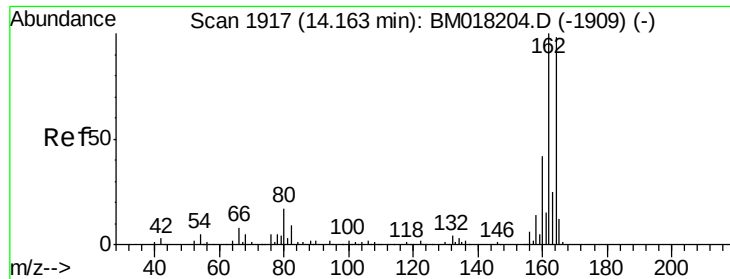
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#38
1-Methylnaphthalene
Concen: 34.348 ng
RT: 12.15 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BM018274.D
Acq: 18 Dec 2018 16:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.0	109.4
116	4.2	3.0	4.6





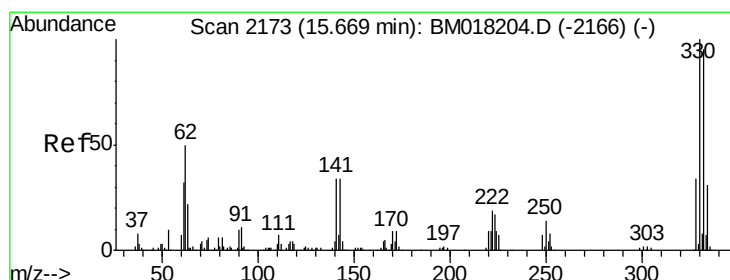
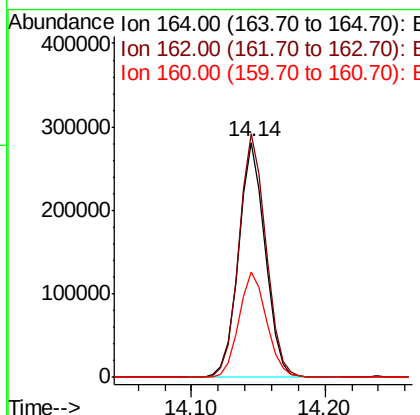
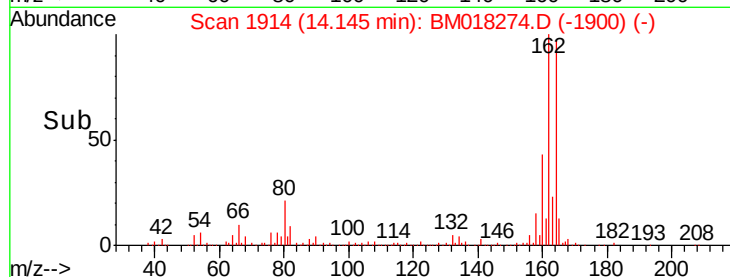
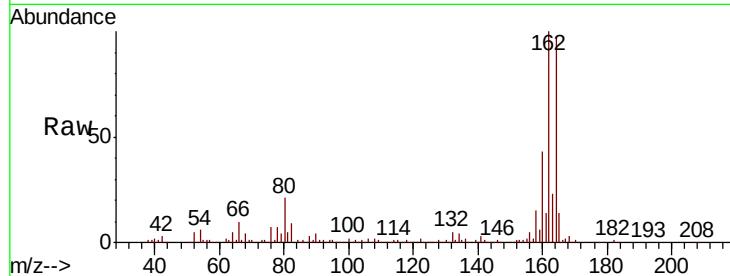
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.14 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018274.D
Acq: 18 Dec 2018 16:59

Instrument :
BNA_M
ClientSampleId :
TP-3-ADL

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.5	81.8	122.6	
160	44.7	34.6	51.8	

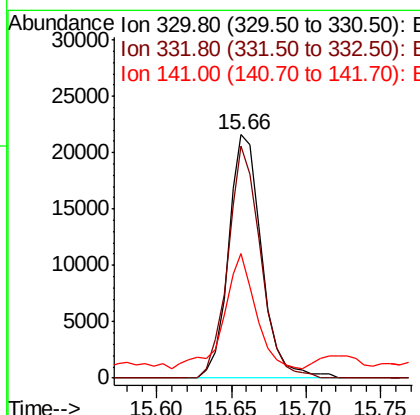
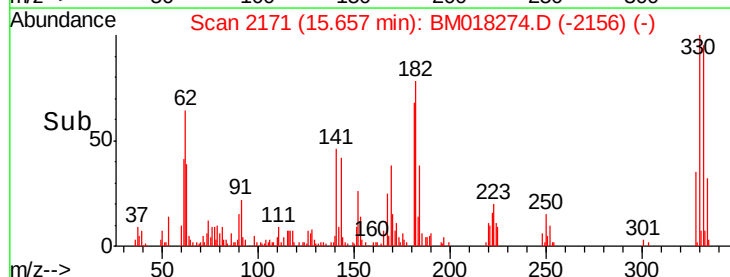
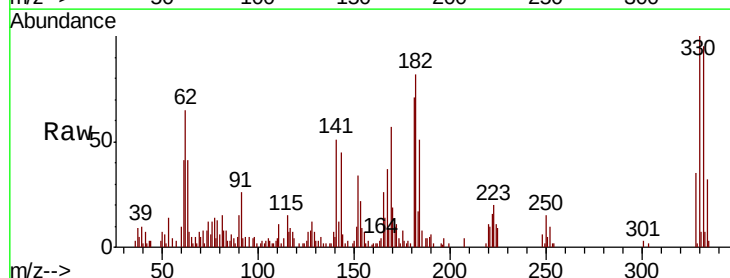
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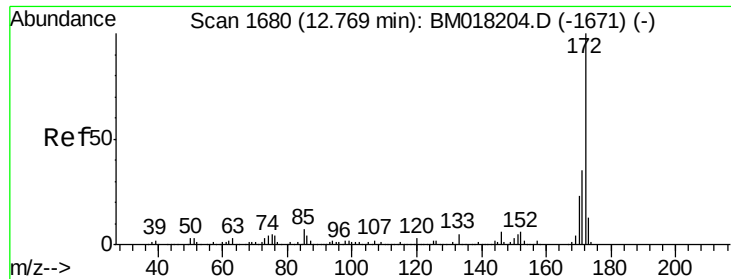
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#42
2,4,6-Tribromophenol
Concen: 5.924 ng
RT: 15.66 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BM018274.D
Acq: 18 Dec 2018 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	93.7	78.6	118.0	
141	45.1	27.1	40.7#	





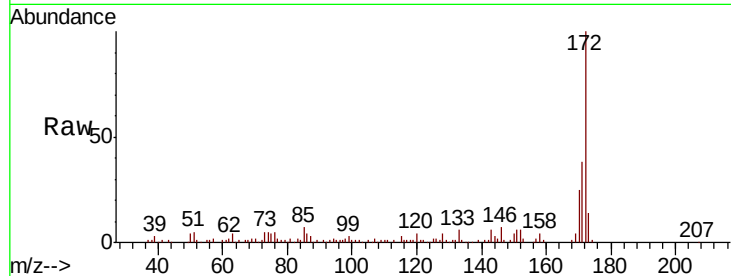
#45
2-Fluorobiphenyl
Concen: 5.027 ng
RT: 12.75 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BM018274.D
Acq: 18 Dec 2018 16:59

Instrument :
BNA_M
ClientSampleId :
TP-3-ADL

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	28.3	42.5
170	24.6	18.1	27.1

Manual Integrations
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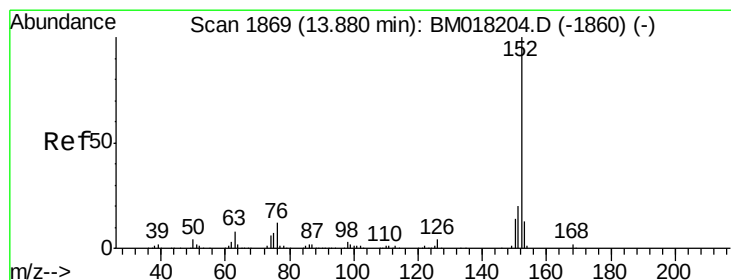
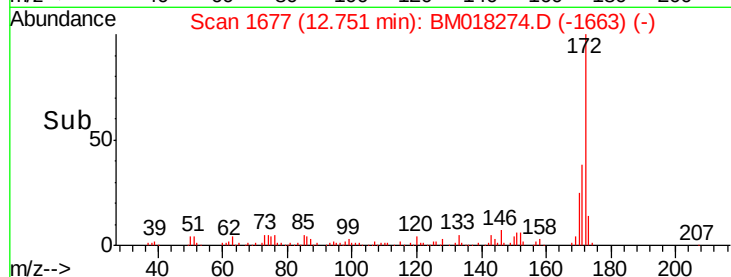
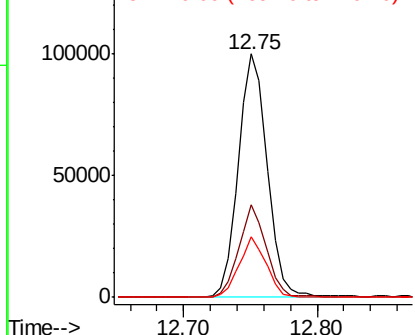


Abundance

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



#49
Acenaphthylene
Concen: 2.533 ng
RT: 13.86 min Scan# 1866
Delta R.T. -0.02 min
Lab File: BM018274.D
Acq: 18 Dec 2018 16:59

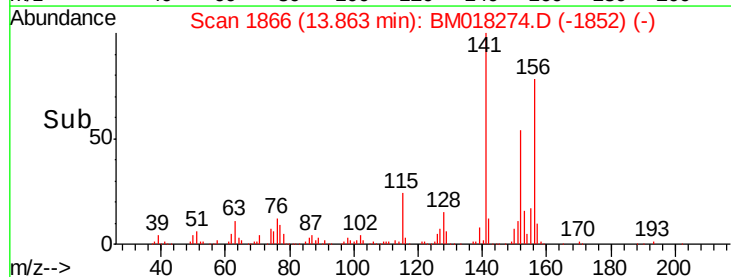
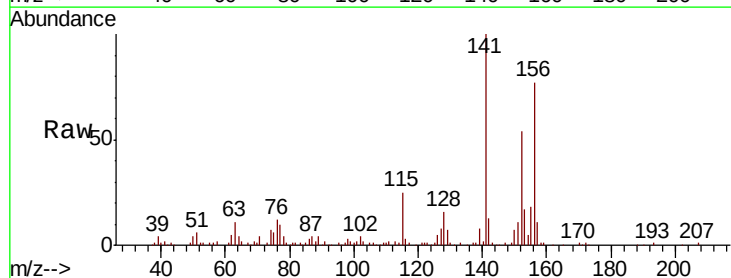
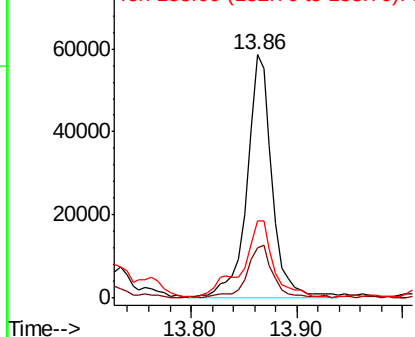
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.0	24.0
153	31.6	10.2	15.2#

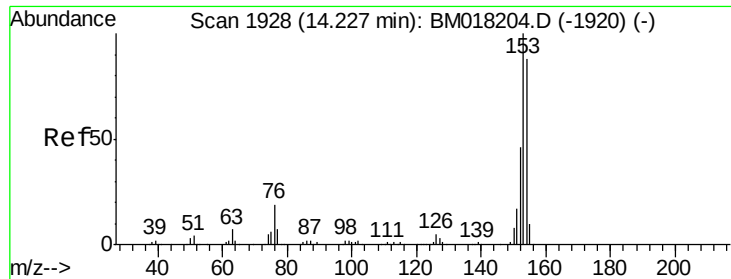
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





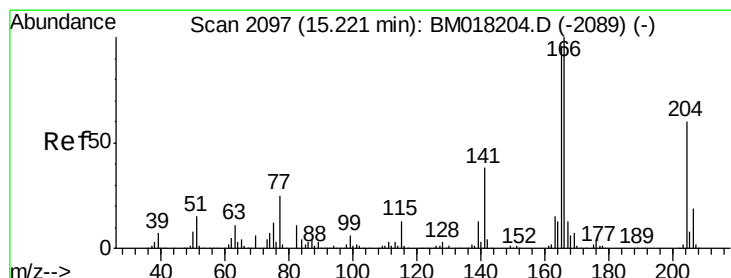
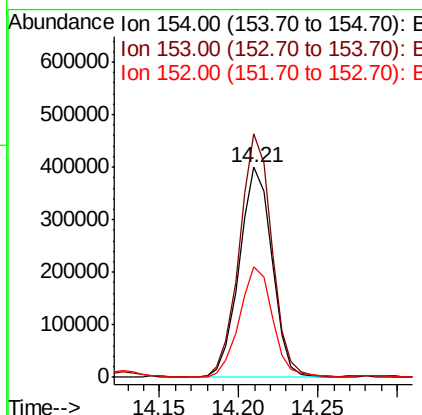
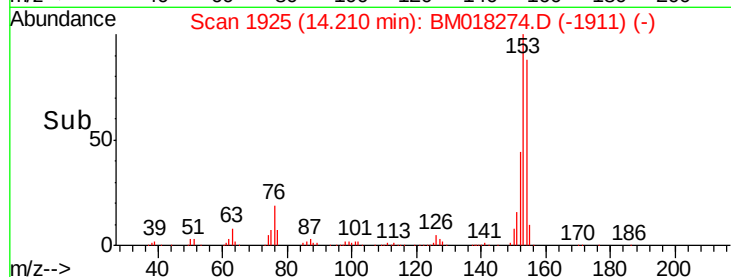
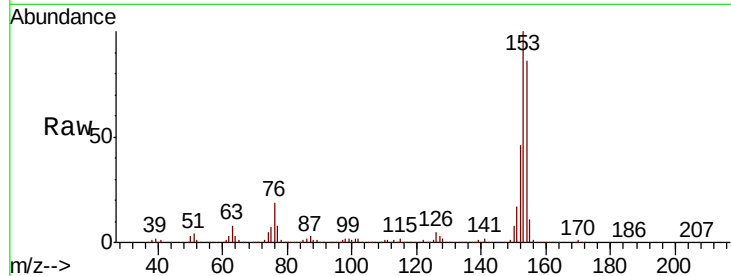
#52
Acenaphthene
Concen: 24.193 ng
RT: 14.21 min Scan# 1925
Delta R.T. -0.02 min
Lab File: BM018274.D
Acq: 18 Dec 2018 16:59

Instrument :
BNA_M
ClientSampled :
TP-3-ADL

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.9	90.4	135.6
152	52.8	41.2	61.8

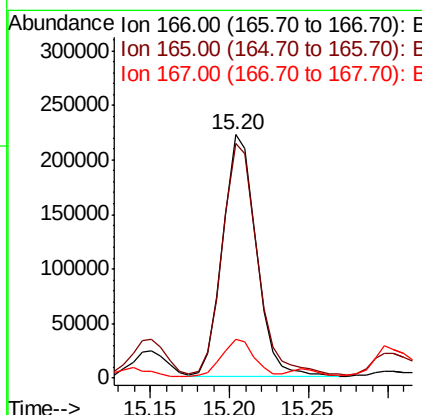
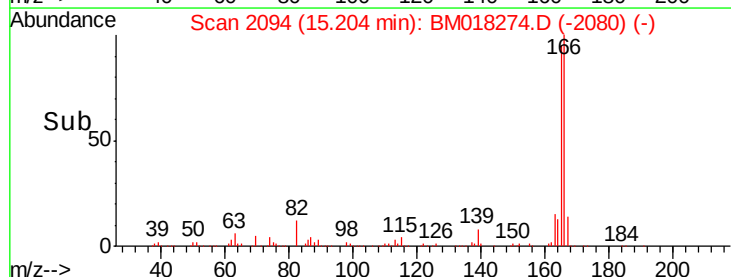
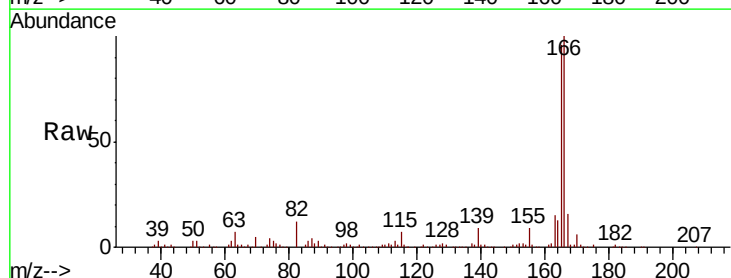
Manual Integrations
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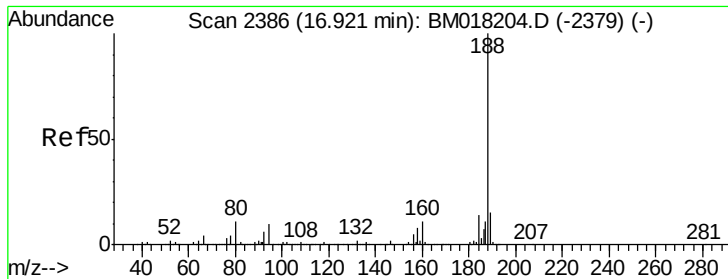
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#58
Fluorene
Concen: 11.159 ng
RT: 15.20 min Scan# 2094
Delta R.T. -0.02 min
Lab File: BM018274.D
Acq: 18 Dec 2018 16:59

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.2	76.9	115.3
167	15.7	10.5	15.7





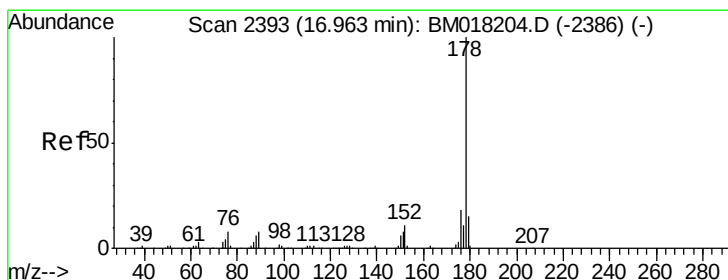
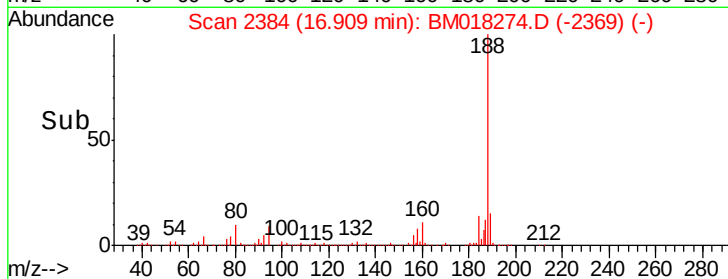
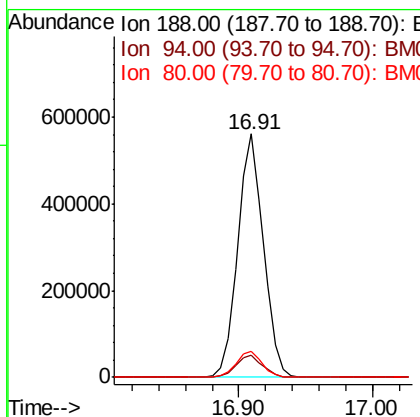
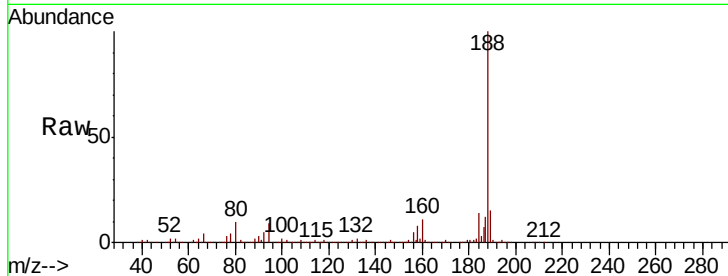
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.91 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018274.D
Acq: 18 Dec 2018 16:59

Instrument :
BNA_M
ClientSampled :
TP-3-ADL

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.9	8.0	12.0
80	10.4	9.0	13.6

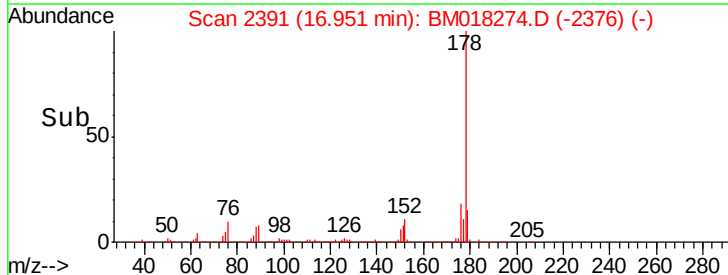
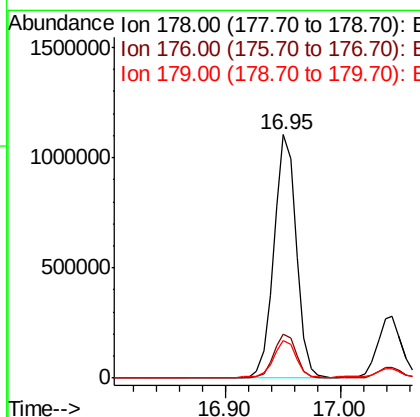
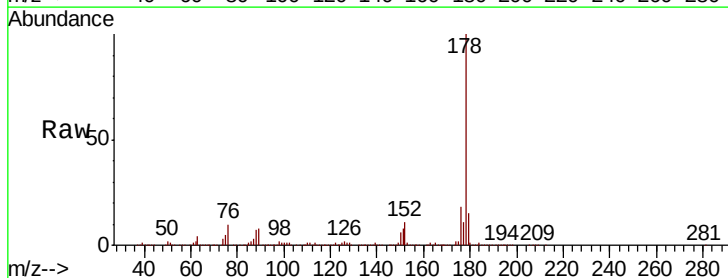
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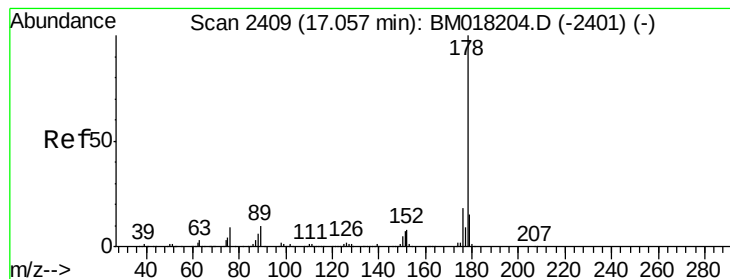
Sohil
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#71
Phenanthrene
Concen: 36.509 ng
RT: 16.95 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM018274.D
Acq: 18 Dec 2018 16:59

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.2	14.7	22.1
179	15.3	12.0	18.0





#72

Anthracene

Concen: 9.834 ng

RT: 17.04 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BM018274.D

Acq: 18 Dec 2018 16:59

Instrument :

BNA_M

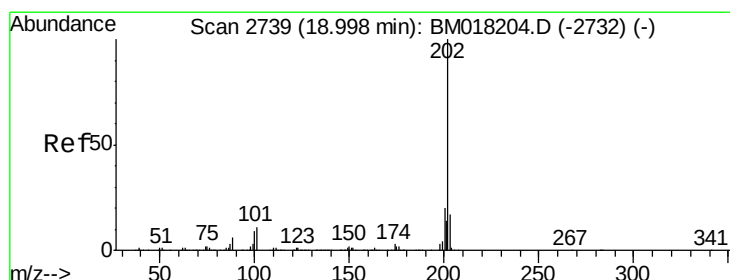
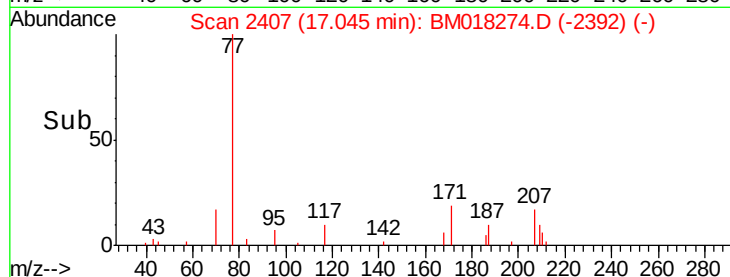
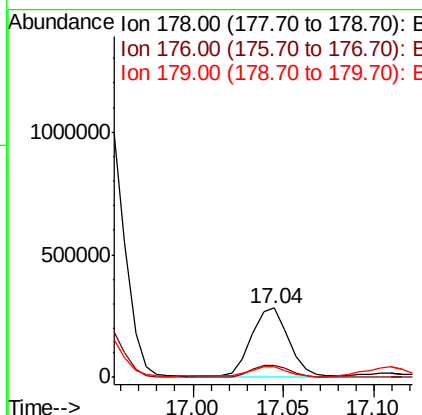
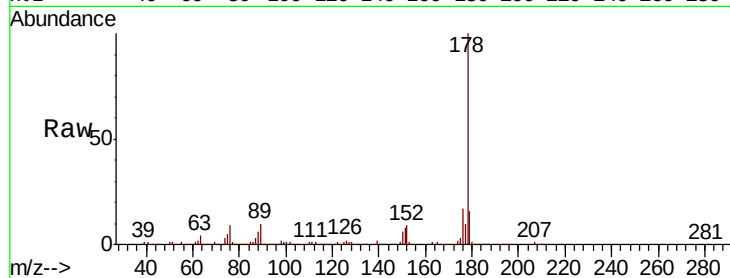
ClientSampleId :

TP-3-ADL

Tot Ion:	178	Resp:	396234
Ion Ratio	Lower	Upper	
178	100		
176	16.9	14.3	21.5
179	16.0	12.0	18.0

Manual Integrations
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#75

Fluoranthene

Concen: 8.431 ng

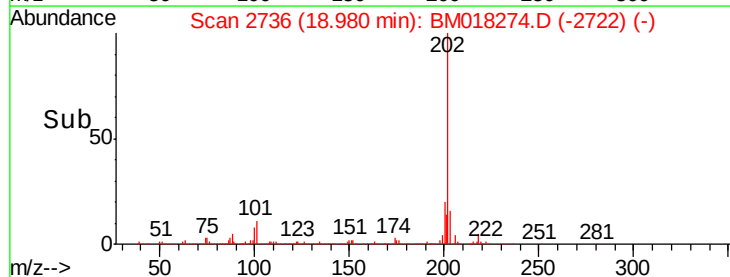
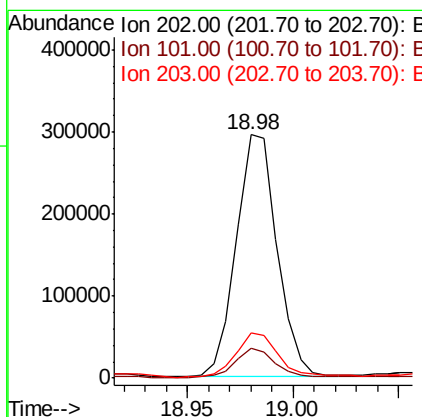
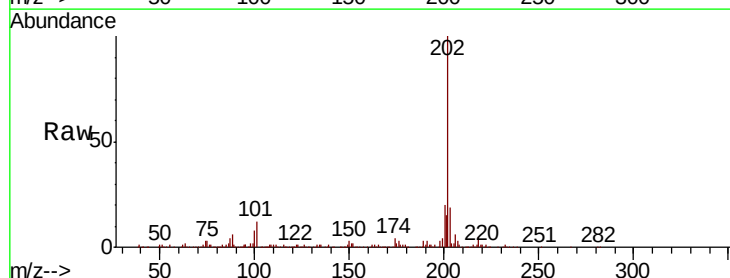
RT: 18.98 min Scan# 2736

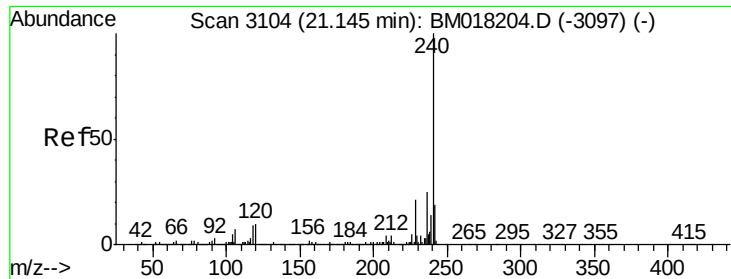
Delta R.T. -0.02 min

Lab File: BM018274.D

Acq: 18 Dec 2018 16:59

Tgt Ion:	202	Resp:	398102
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	30.5
203	18.6	0.0	37.5





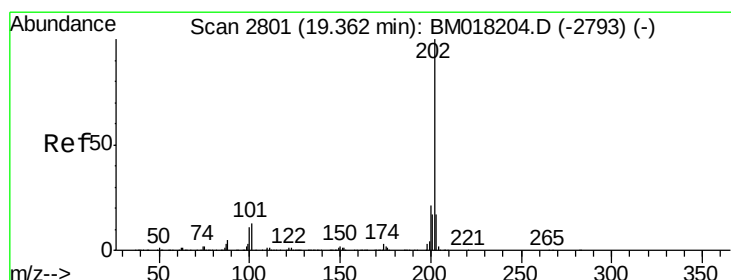
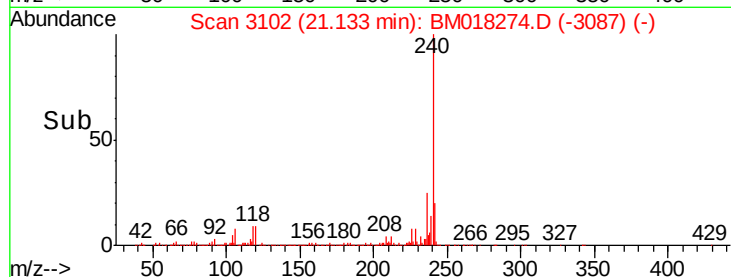
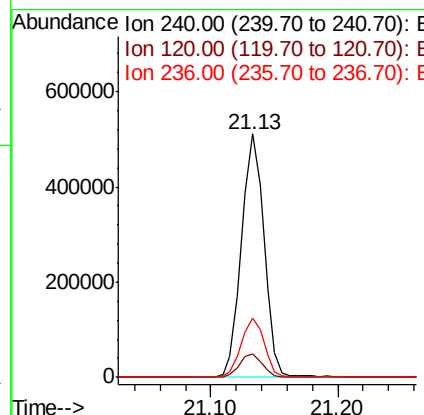
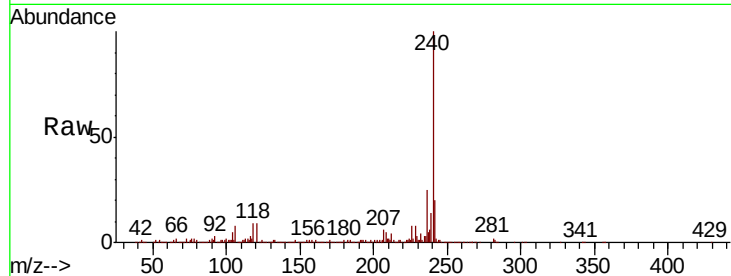
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM018274.D
Acq: 18 Dec 2018 16:59

Instrument :
BNA_M
ClientSampled :
TP-3-ADL

Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	9.4	8.2	12.2
236	24.6	20.3	30.5

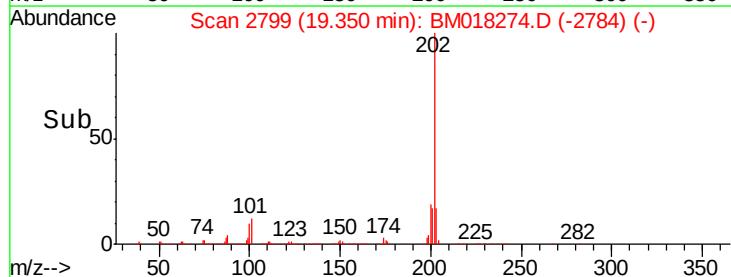
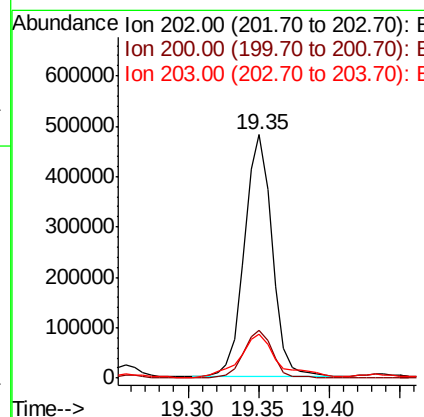
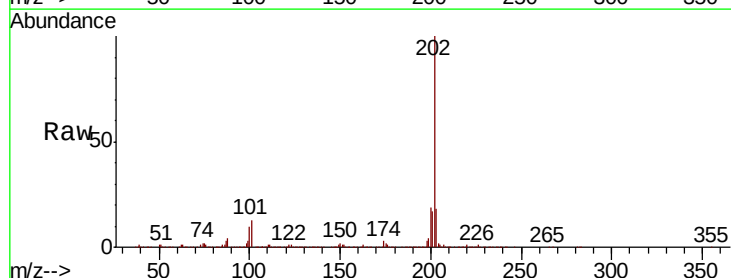
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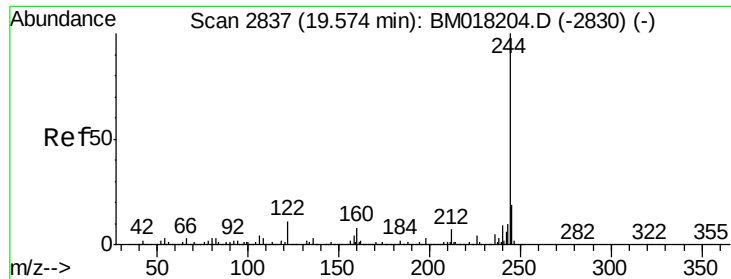
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#78
Pyrene
Concen: 17.784 ng
RT: 19.35 min Scan# 2799
Delta R.T. -0.01 min
Lab File: BM018274.D
Acq: 18 Dec 2018 16:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	19.4	16.5	24.7
203	17.8	14.0	21.0





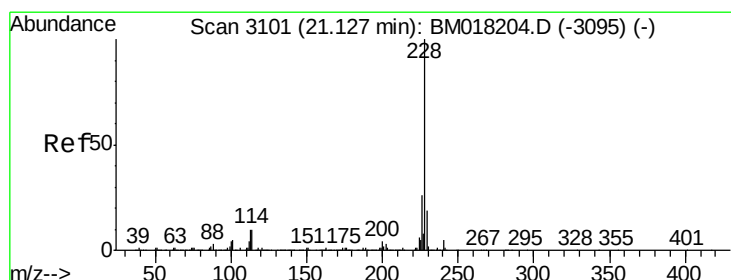
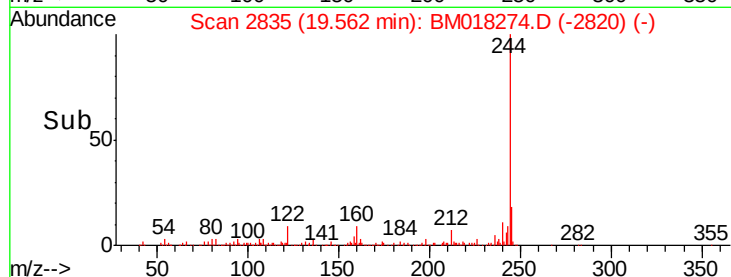
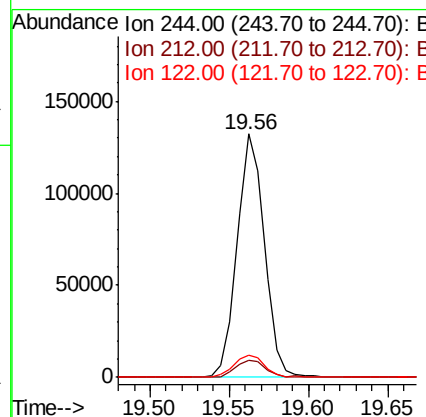
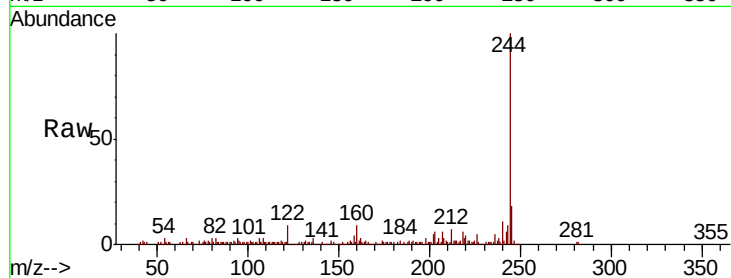
#79
 Terphenyl-d14
 Concen: 5.691 ng
 RT: 19.56 min Scan# 2835
 Delta R.T. -0.01 min
 Lab File: BM018274.D
 Acq: 18 Dec 2018 16:59

Instrument :
 BNA_M
 ClientSampleId :
 TP-3-ADL

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	8.9	9.0	13.6#

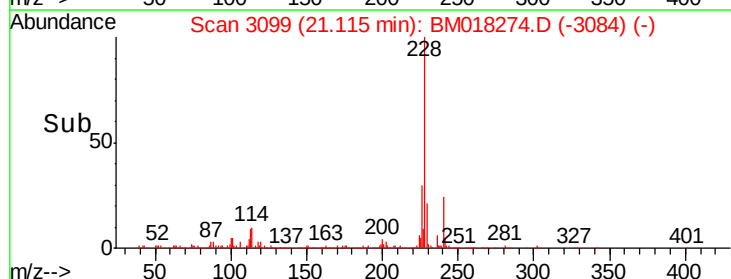
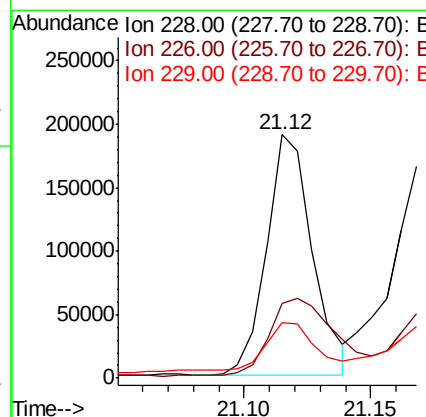
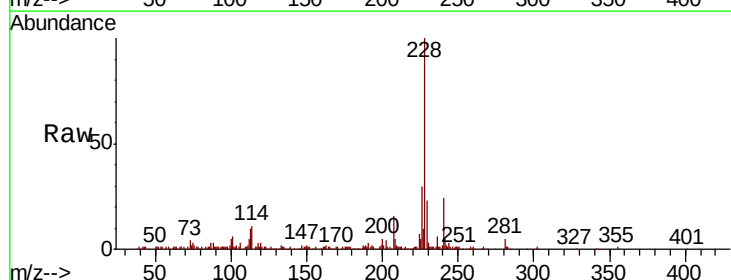
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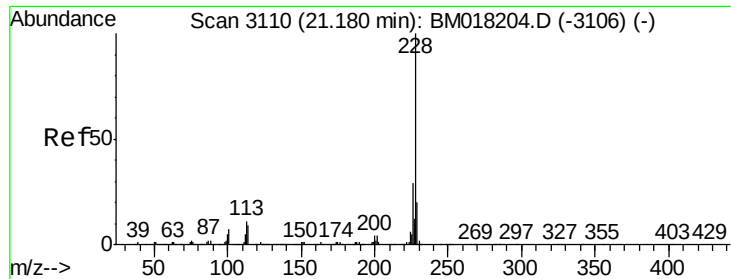
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#81
 Benzo(a)anthracene
 Concen: 6.546 ng
 RT: 21.12 min Scan# 3099
 Delta R.T. -0.01 min
 Lab File: BM018274.D
 Acq: 18 Dec 2018 16:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	21.0	31.4
229	22.9	15.5	23.3





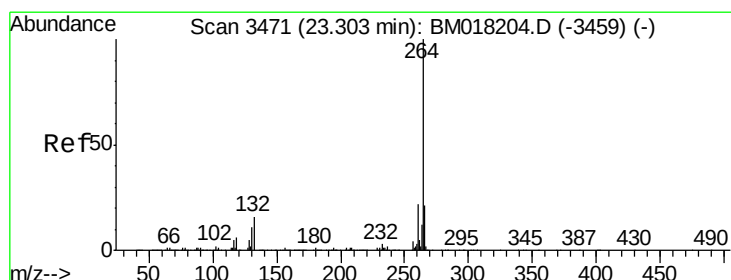
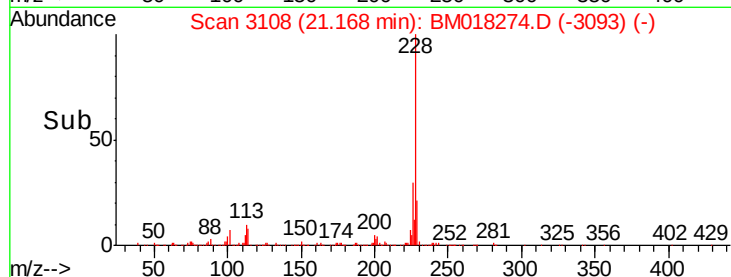
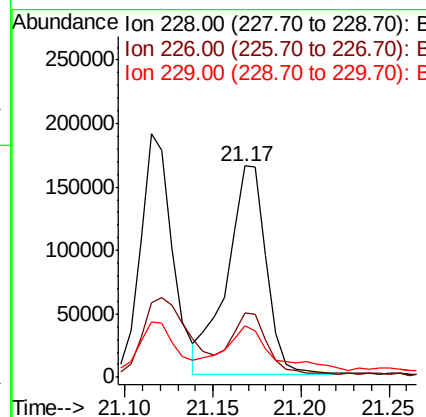
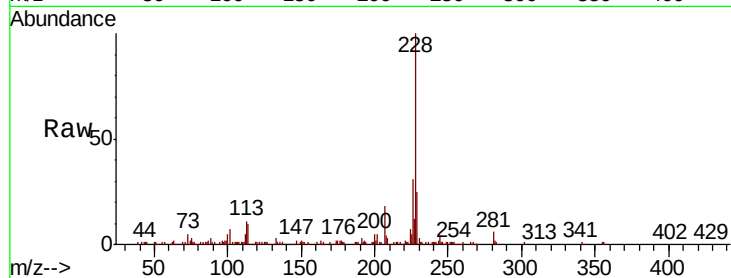
#83
Chrysene
Concen: 7.211 ng/ml
RT: 21.17 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BM018274.D
Acq: 18 Dec 2018 16:59

Instrument :
BNA_M
Client Sampled :
TP-3-ADL

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.1	34.7
229	24.7	15.8	23.6

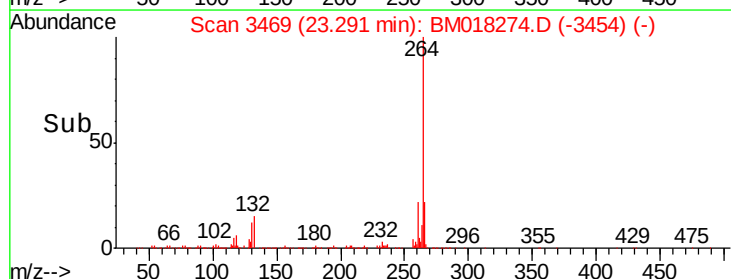
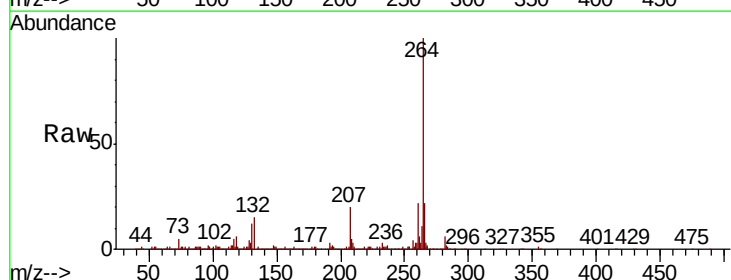
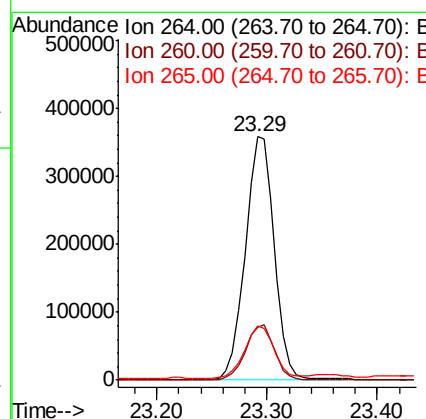
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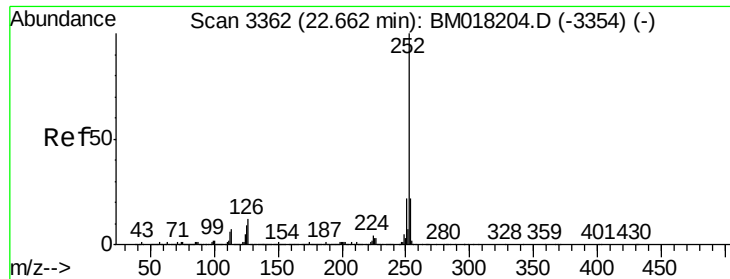
Sohil
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#87
Perylene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BM018274.D
Acq: 18 Dec 2018 16:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.5	26.3
265	22.4	17.3	25.9





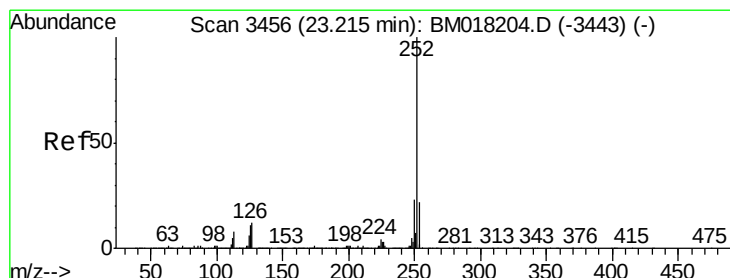
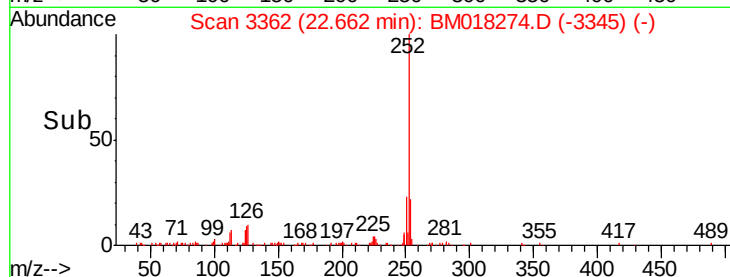
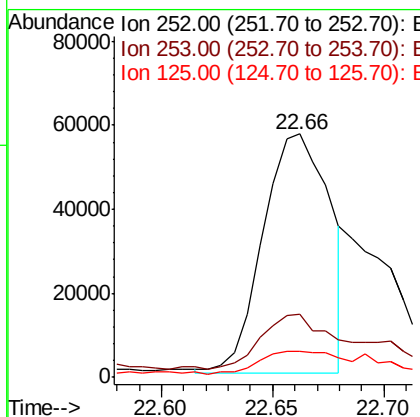
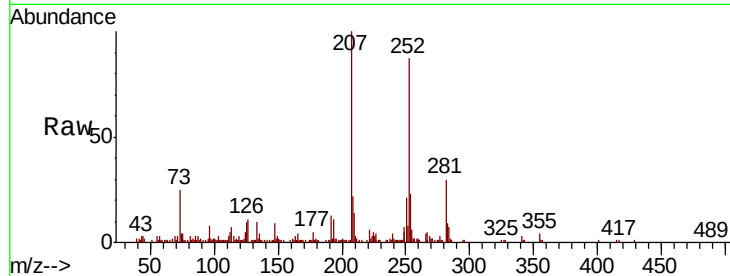
#88
Benzo(b)fluoranthene
Concen: 3.237 ng m
RT: 22.66 min Scan# 3362
Delta R.T. -0.00 min
Lab File: BM018274.D
Acq: 18 Dec 2018 16:59

Instrument :
BNA_M
ClientSampleId :
TP-3-ADL

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.6	26.4
125	10.9	7.4	11.0

Manual Integrations
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12/19/2018 4:18:13 PM



#90
Benzo(a)pyrene
Concen: 4.537 ng
RT: 23.20 min Scan# 3454
Delta R.T. -0.01 min
Lab File: BM018274.D
Acq: 18 Dec 2018 16:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	10.8	8.6	12.8

