

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111617\
 Data File : BM012969.D
 Acq On : 16 Nov 2017 17:58
 Operator : SJ/JU
 Sample : I6260-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X2B42

Manual Integrations
 APPROVED

SOHIL
 11/17/2017 5:13:27 PM

Quant Time: Nov 17 00:57:40 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 16 17:13:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	134815	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	548717	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	326635	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	766592	20.00	ng/ul	0.00
75) Chrysene-d12	21.30	240	868670	20.00	ng/ul	0.00
83) Perylene-d12	23.54	264	900252	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	16562m	5.69	ng/uL	0.00
5) Phenol-d5	6.89	99	319857	27.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	174981	26.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	253729	27.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	268473	28.07	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	112464	28.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	110957	29.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	257528	27.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	326928	33.11	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	829116	28.94	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	1009056	27.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	126653	29.14	ng/ul	0.00
57) Fluorene-d10	15.37	176	701244	28.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	83699	25.18	ng/ul	0.00
70) Anthracene-d10	17.22	188	1185672	30.21	ng/ul	0.00
76) Pyrene-d10	19.51	212	1372779	30.93	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.40	264	1435568	31.45	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.92	94	300972	26.113	ng/ul#	83
10) 2-Chlorophenol	7.29	128	237592	25.720	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.53	70	397407	52.855	ng/ul#	67
21) Isophorone	9.45	82	326469	16.306	ng/ul	94
28) Naphthalene	10.56	128	658837	23.302	ng/ul	99
31) Hexachlorobutadiene	10.85	225	318308	50.379	ng/ul	96
33) 4-Chloro-3-methylphenol	11.79	107	275180	29.443	ng/ul	98
39) 2,4,5-Trichlorophenol	12.86	196	136305	18.207	ng/ul	92
53) Dibenzofuran	14.77	168	438488	13.545	ng/ul	98
54) 2,4-Dinitrotoluene	14.73	165	194528	33.267	ng/ul	85
66) Hexachlorobenzene	16.42	284	212207	21.177	ng/ul#	92
68) Pentachlorophenol	16.76	266	243697	47.153	ng/ul	95
69) Phenanthrene	17.16	178	923147	21.410	ng/ul	99
71) Anthracene	17.25	178	524275	11.718	ng/ul	97
74) Fluoranthene	19.17	202	911119	17.482	ng/ul#	91
77) Pyrene	19.54	202	1005641	18.592	ng/ul#	92
81) Bis(2-ethylhexyl)phthalate	21.24	149	843598	25.468	ng/ul#	98
90) Dibenzo(a,h)anthracene	25.82	278	921607	17.190	ng/ul#	97

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

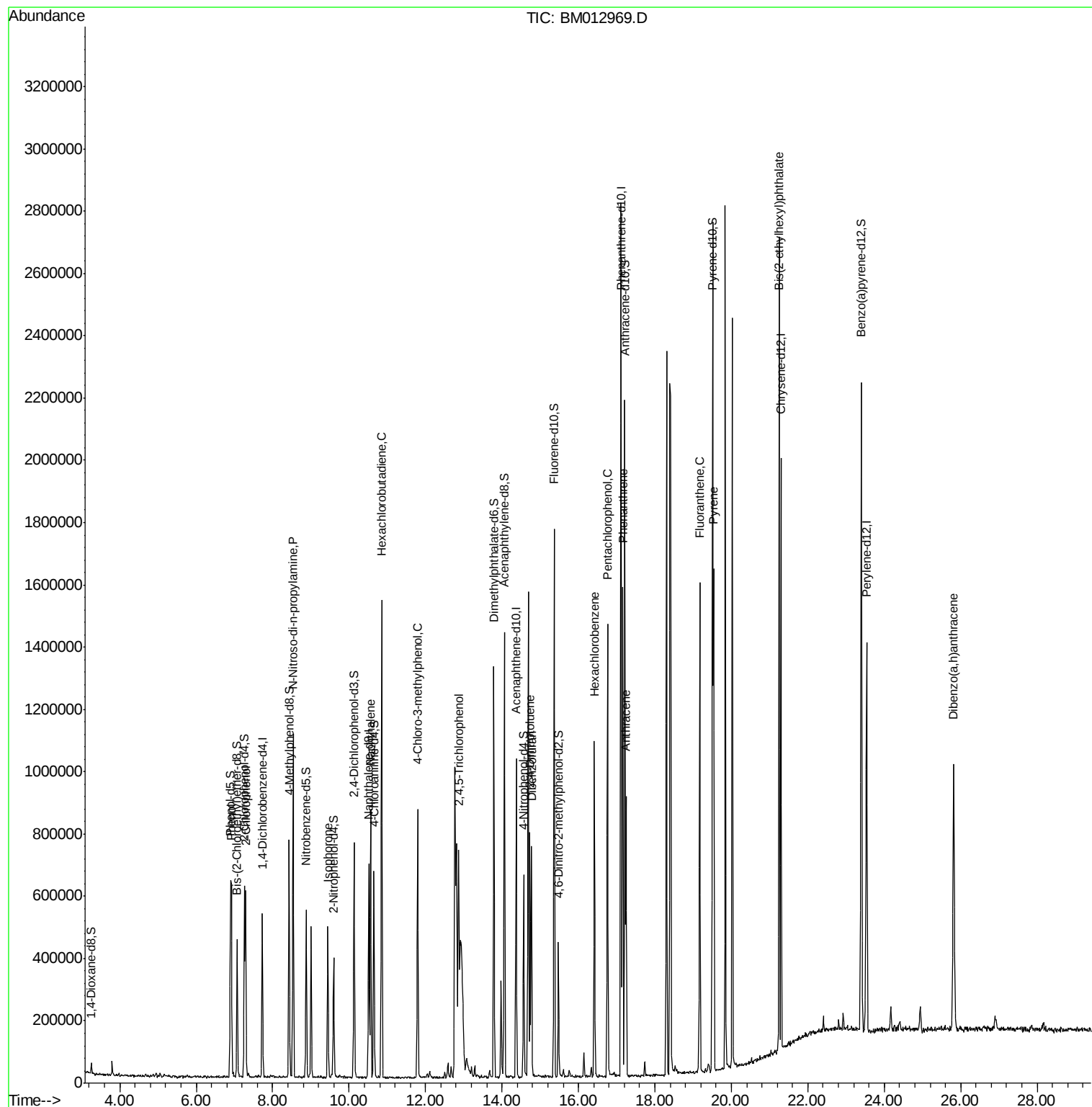
Data Path : Z:\HPCHEM1\BNA M\DATA\BM111617\
Data File : BM012969.D
Acq On : 16 Nov 2017 17:58
Operator : SJ/JU
Sample : I6260-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

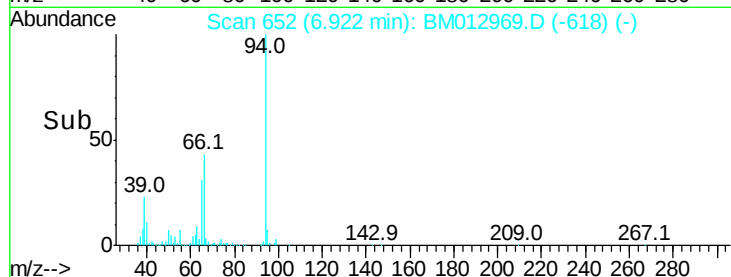
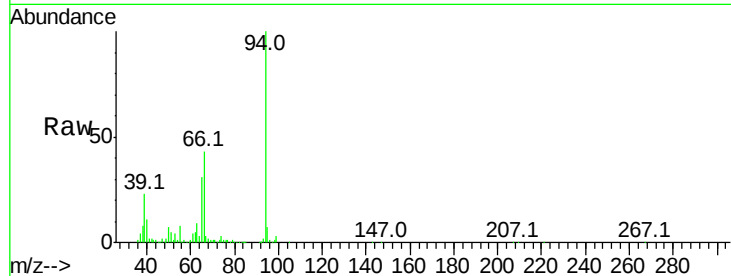
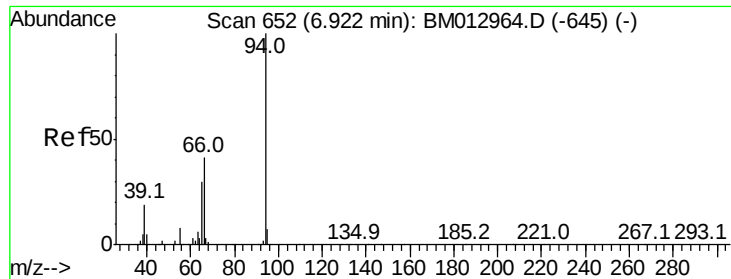
Instrument :
BNA_M
ClientSampled :
X2B42

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Quant Time: Nov 17 00:57:40 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 16 17:13:50 2017
Response via : Initial Calibration





#6

Phenol

Concen: 26.113 ng/ul

RT: 6.92 min Scan# 652

Delta R.T. 0.00 min

Lab File: BM012969.D

Acq: 16 Nov 2017 17:58

Tot Ion	Ratio	Resp	Lower	Upper
94	100			
65	30.6	28.2	42.4	
66	42.8	47.2	70.8	

Instrument :

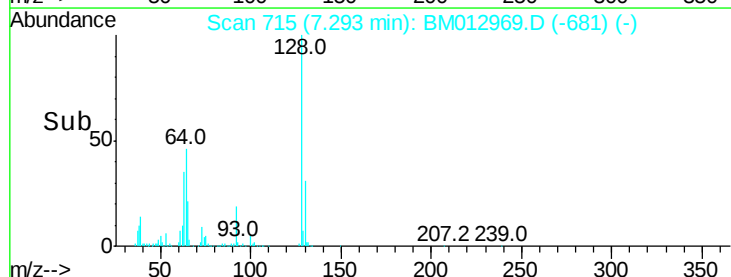
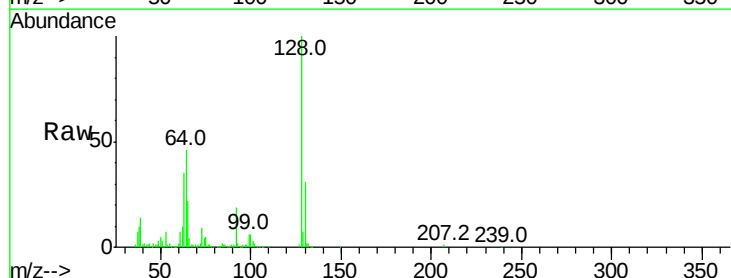
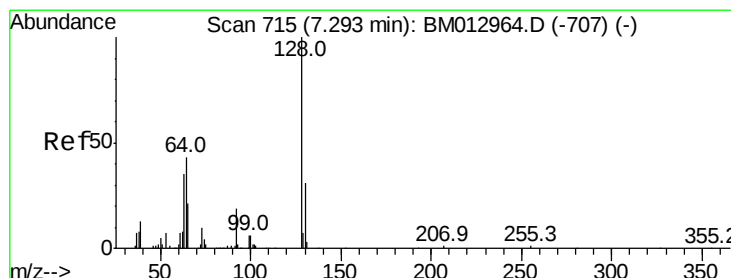
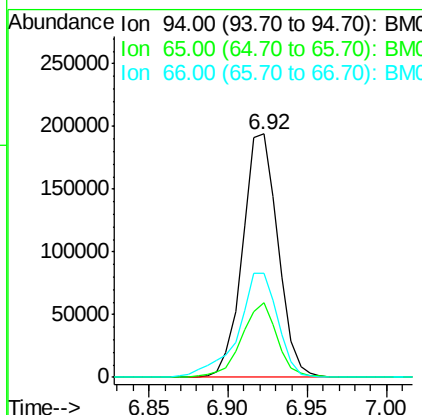
BNA_M

ClientSampled :

X2B42

Manual Integrations
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#10

2-Chlorophenol

Concen: 25.720 ng/ul

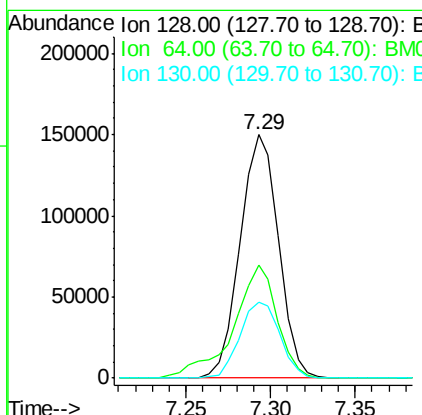
RT: 7.29 min Scan# 715

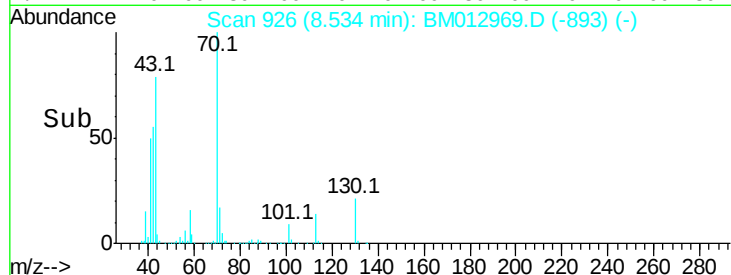
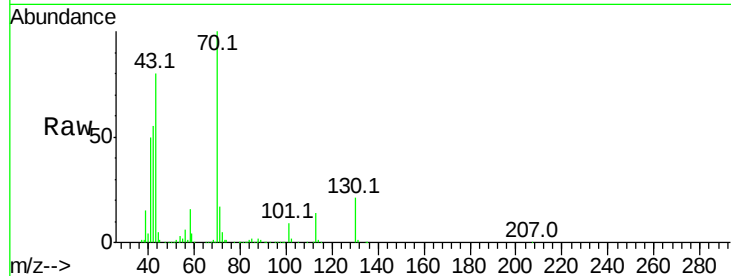
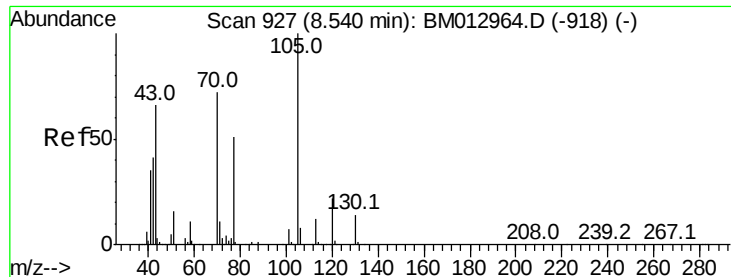
Delta R.T. 0.00 min

Lab File: BM012969.D

Acq: 16 Nov 2017 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
64	46.3	38.0	57.0	
130	31.0	24.4	36.6	





#15

N-Nitroso-di-n-propylamine

Concen: 52.855 ng/ul

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BM012969.D

Acq: 16 Nov 2017 17:58

Instrument :

BNA_M

ClientSampleId :

X2B42

Tot Ion: 70 Resp: 397407

Ion Ratio Lower Upper

70 100

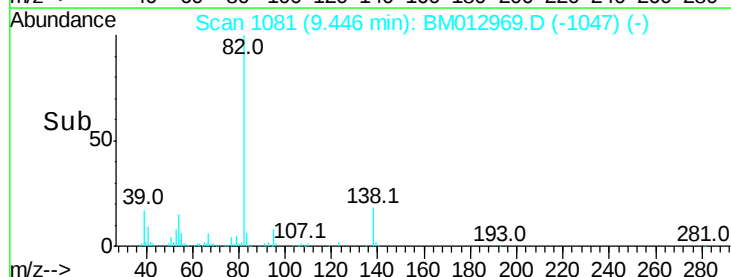
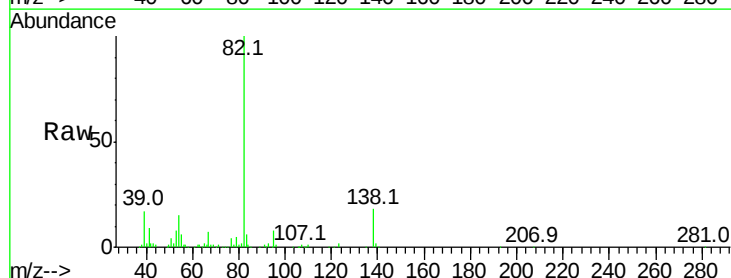
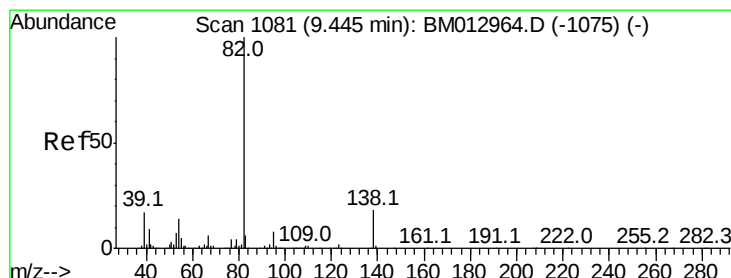
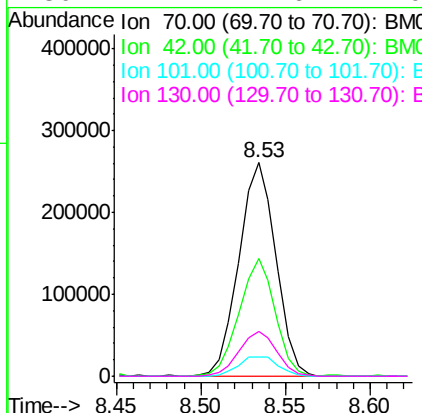
42 55.1 76.0 114.0#

101 9.1 6.7 10.1

130 21.2 14.6 22.0

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#21

Isophorone

Concen: 16.306 ng/ul

RT: 9.45 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BM012969.D

Acq: 16 Nov 2017 17:58

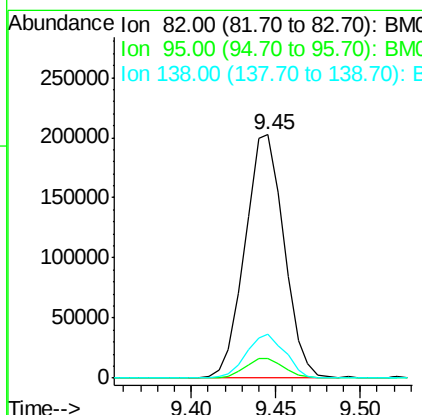
Tgt Ion: 82 Resp: 326469

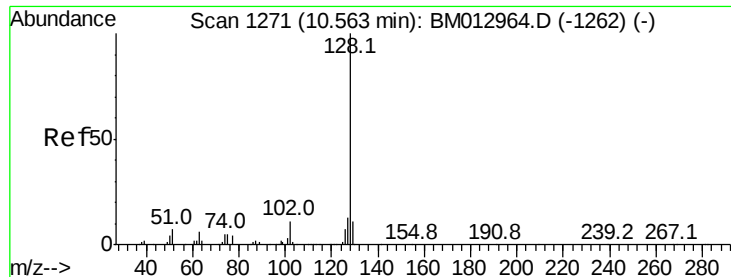
Ion Ratio Lower Upper

82 100

95 8.2 7.8 11.8

138 17.9 11.9 17.9





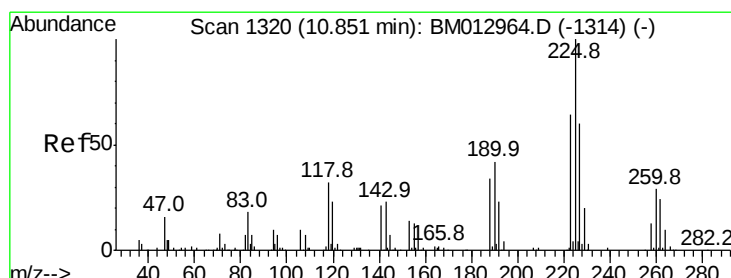
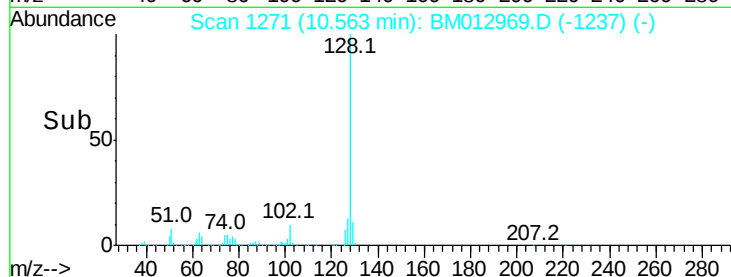
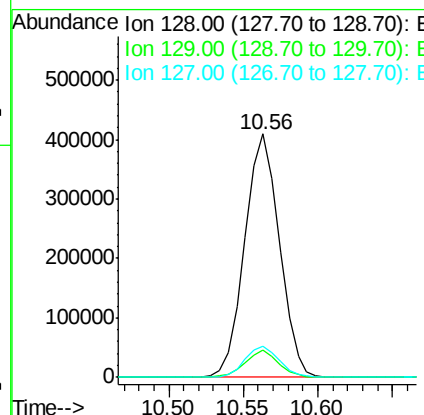
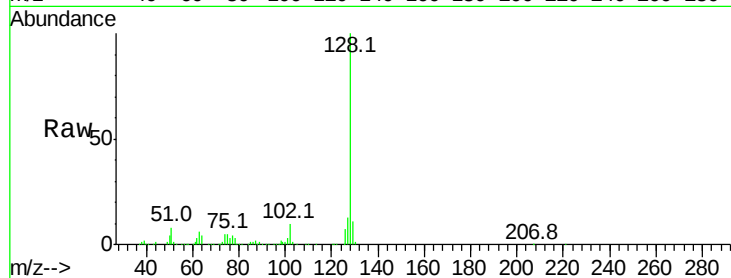
#28
Naphthalene
Concen: 23.302 ng/ul
RT: 10.56 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BM012969.D
Acq: 16 Nov 2017 17:58

Instrument :
BNA_M
ClientSampled :
X2B42

Tot Ion	Ratio	Resp	Lower	Upper
128	100	658837		
129	11.1		8.8	13.2
127	12.8		10.6	16.0

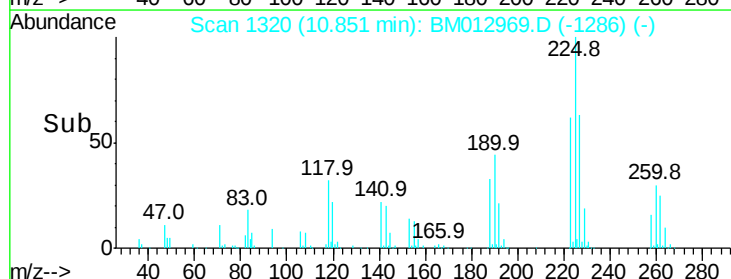
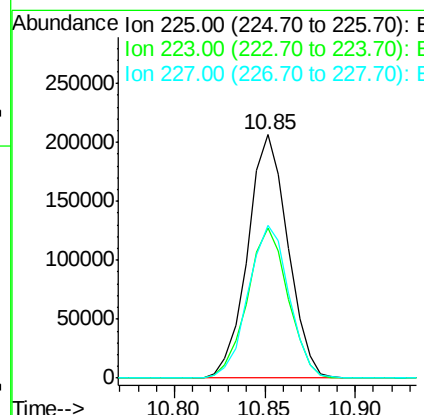
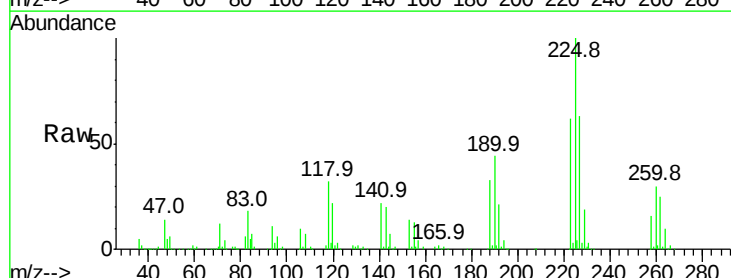
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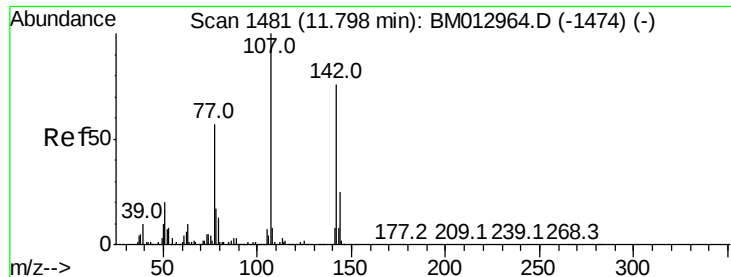
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#31
Hexachlorobutadiene
Concen: 50.379 ng/ul
RT: 10.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BM012969.D
Acq: 16 Nov 2017 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	318308		
223	61.7		49.4	74.2
227	62.7		45.4	68.2





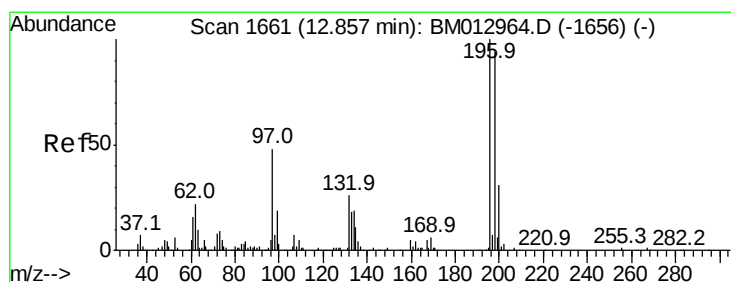
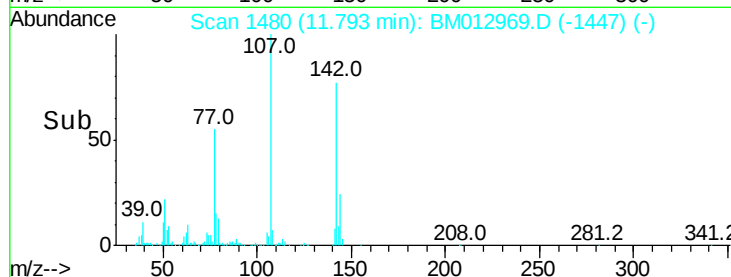
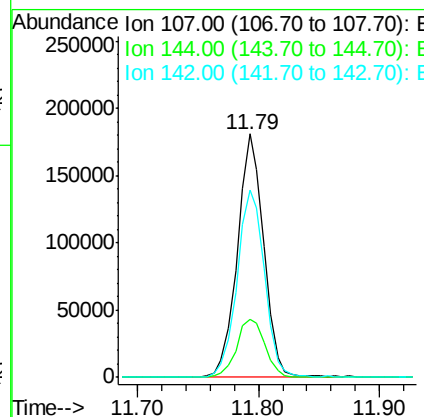
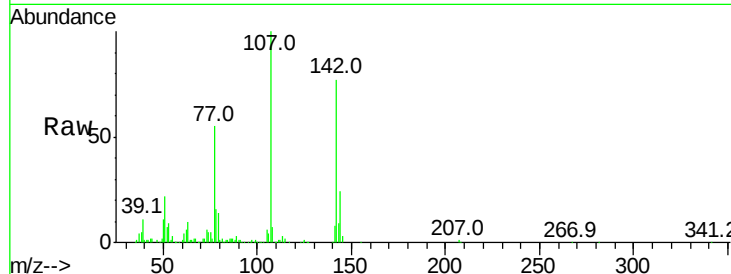
#33
4-Chloro-3-methylphenol
Concen: 29.443 ng/ul
RT: 11.79 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BM012969.D
Acq: 16 Nov 2017 17:58

Instrument :
BNA_M
ClientSampled :
X2B42

Tot Ion	Ratio	Resp	Lower	Upper
107	100	275180		
144	24.0		20.4	30.6
142	77.2		60.5	90.7

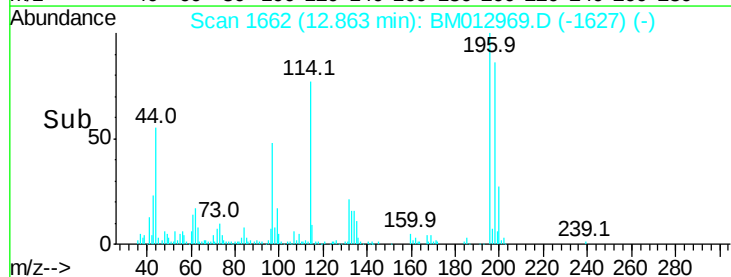
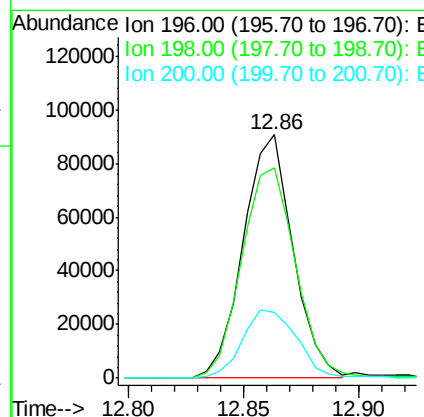
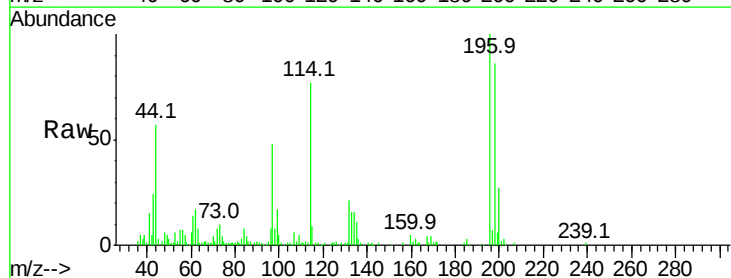
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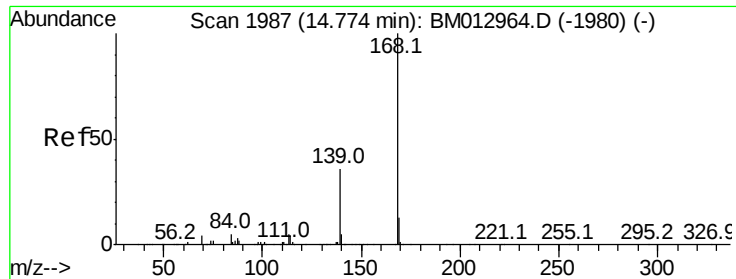
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#39
2,4,5-Trichlorophenol
Concen: 18.207 ng/ul
RT: 12.86 min Scan# 1662
Delta R.T. 0.01 min
Lab File: BM012969.D
Acq: 16 Nov 2017 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	136305		
198	86.3		75.6	113.4
200	27.2		25.5	38.3





#53

Dibenzenofuran

Concen: 13.545 ng/ul

RT: 14.77 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BM012969.D

Acq: 16 Nov 2017 17:58

Instrument :

BNA_M

ClientSampleId :

X2B42

Tot Ion:168 Resp: 438488

Ion Ratio Lower Upper

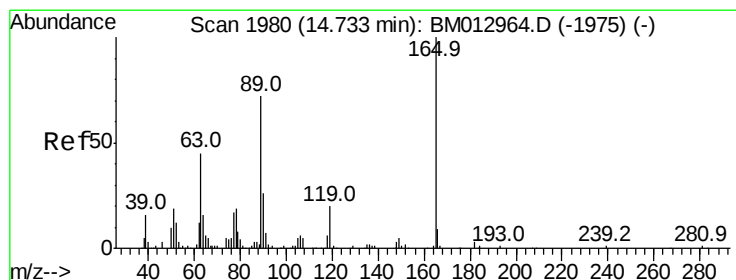
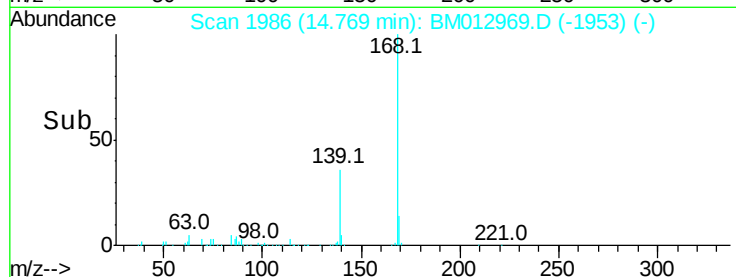
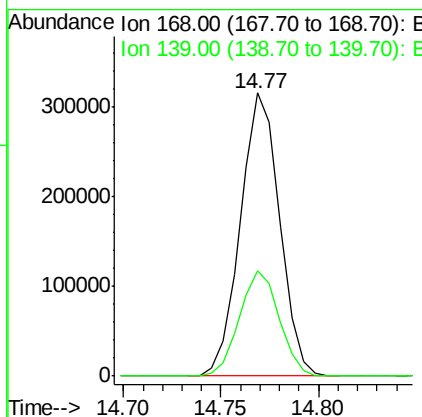
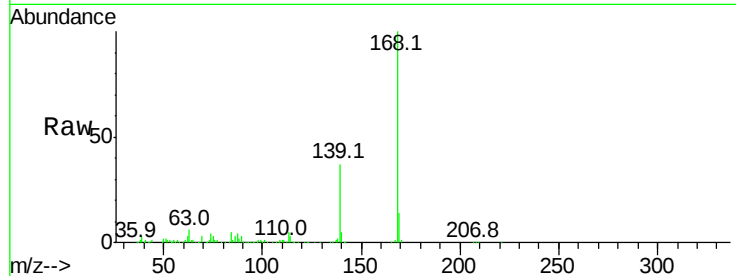
168 100

139 37.4 30.8 46.2

Manual Integrations
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#54

2,4-Dinitrotoluene

Concen: 33.267 ng/ul

RT: 14.73 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BM012969.D

Acq: 16 Nov 2017 17:58

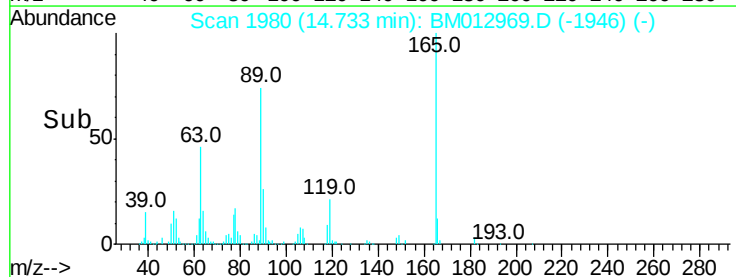
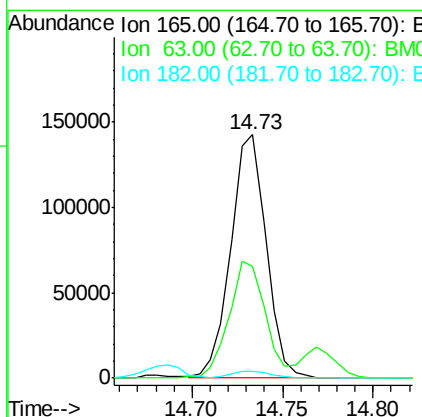
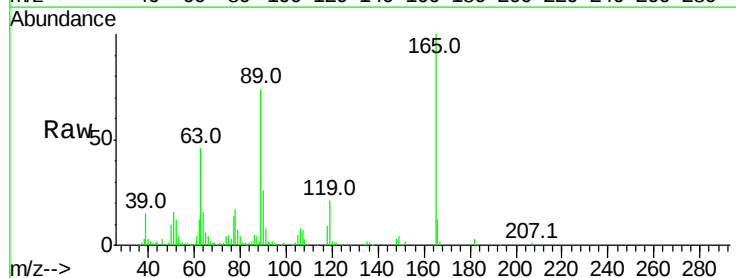
Tgt Ion:165 Resp: 194528

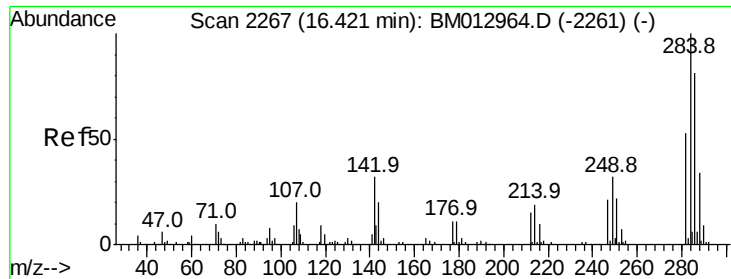
Ion Ratio Lower Upper

165 100

63 45.9 45.8 68.8

182 3.0 2.6 4.0





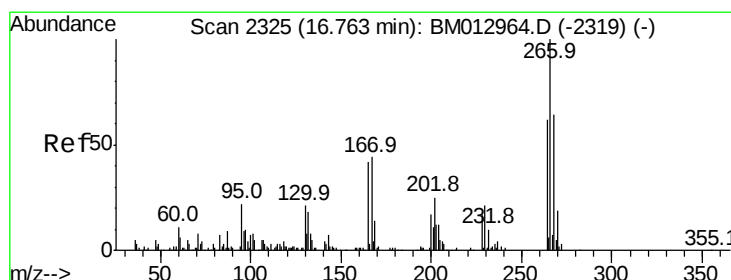
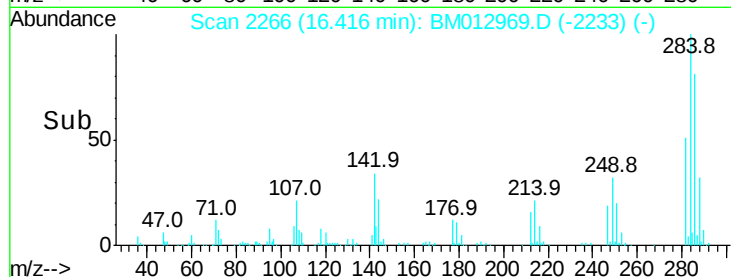
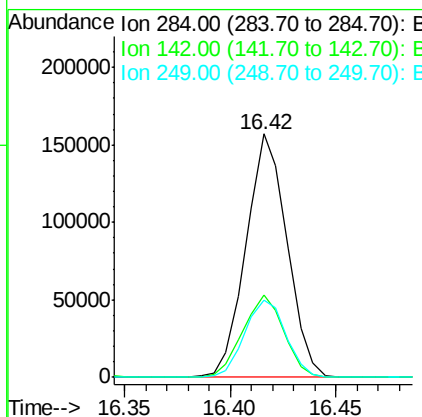
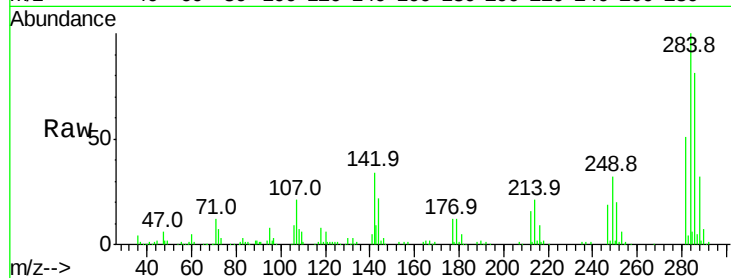
#66
Hexachlorobenzene
Concen: 21.177 ng/ul
RT: 16.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BM012969.D
Acq: 16 Nov 2017 17:58

Instrument :
BNA_M
ClientSampleId :
X2B42

Tot Ion	Ratio	Resp	Lower	Upper
284	100	212207		
142	33.6	21.2	31.8#	
249	31.9	24.5	36.7	

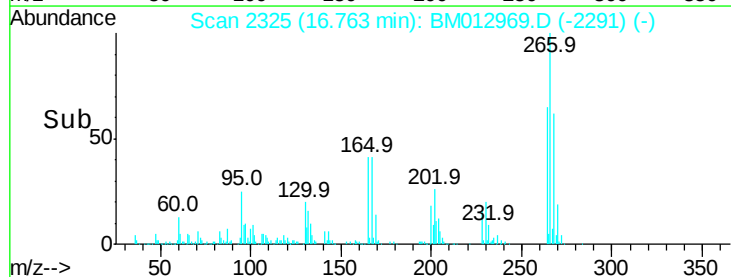
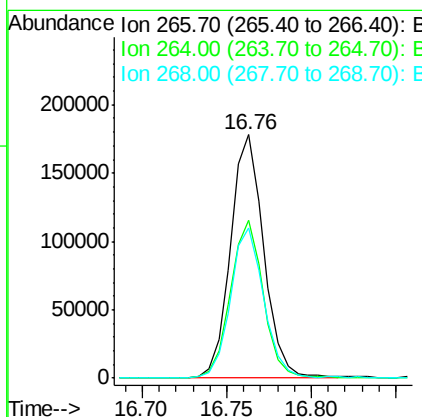
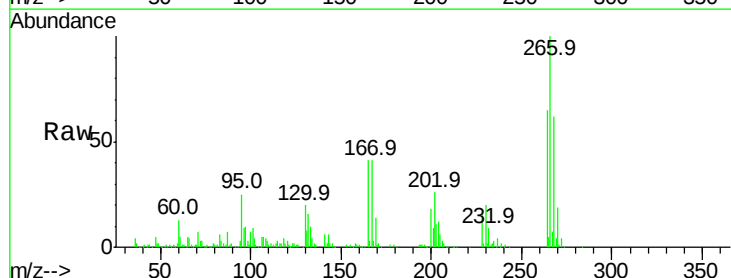
Manual Integrations
APPROVED

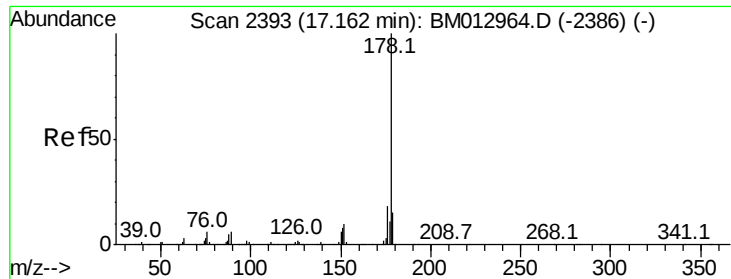
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#68
Pentachlorophenol
Concen: 47.153 ng/ul
RT: 16.76 min Scan# 2325
Delta R.T. 0.00 min
Lab File: BM012969.D
Acq: 16 Nov 2017 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	243697		
264	64.7	49.3	73.9	
268	61.7	52.6	78.8	





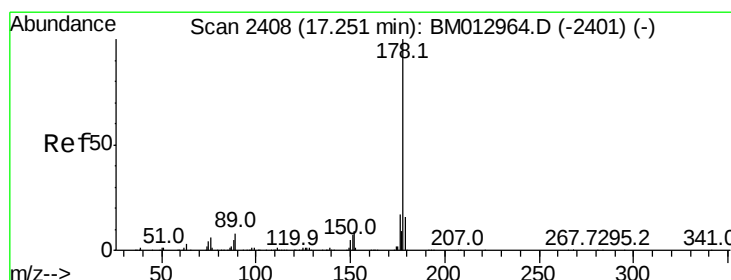
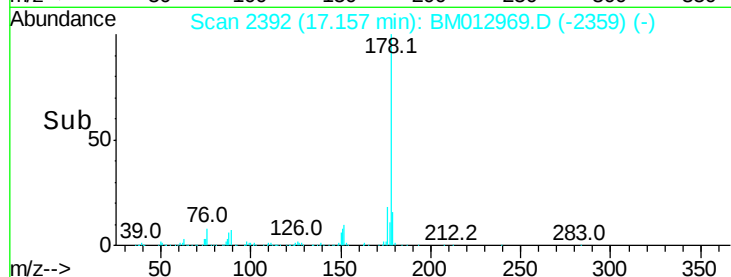
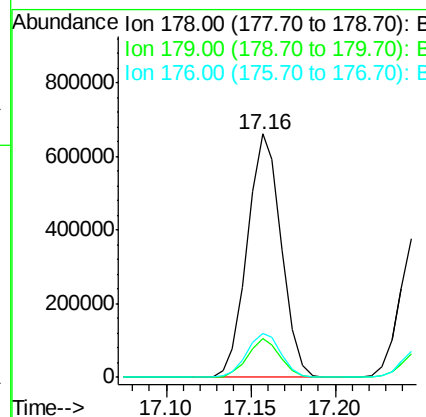
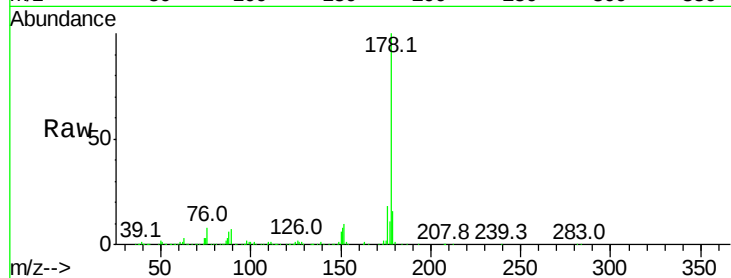
#69
Phenanthrene
Concen: 21.410 ng/ul
RT: 17.16 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM012969.D
Acq: 16 Nov 2017 17:58

Instrument :
BNA_M
ClientSampleId :
X2B42

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	18.2	14.9	22.3

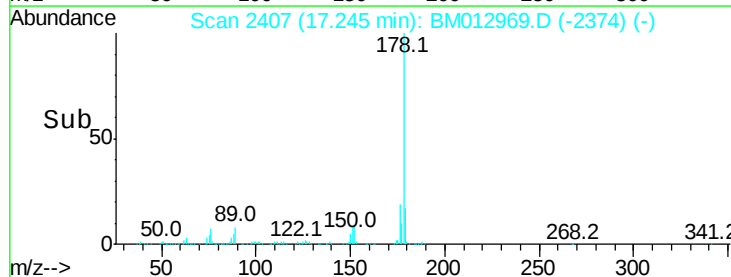
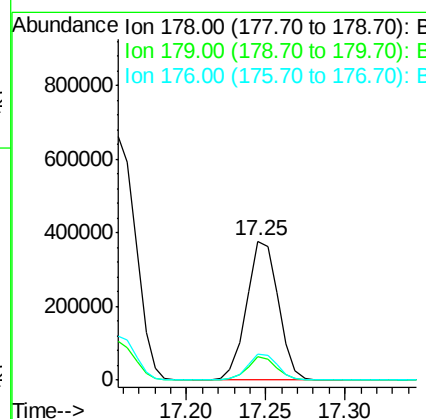
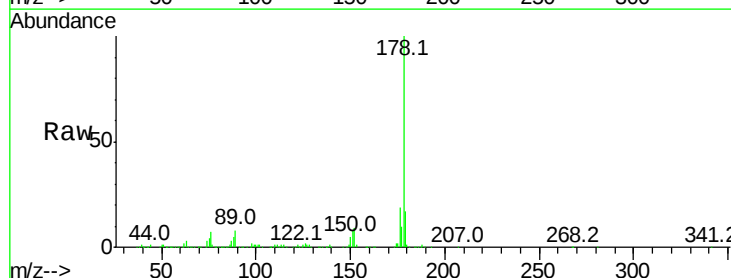
Manual Integrations
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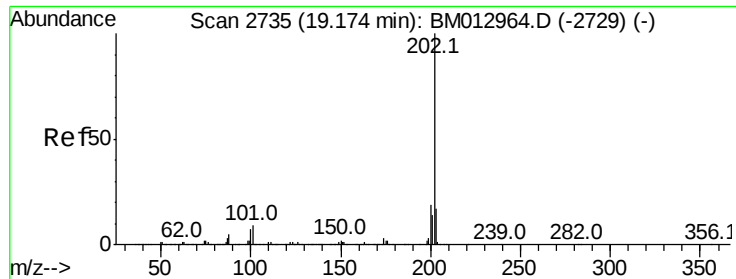
SOHIL
11/17/2017 5:13:27 PM



#71
Anthracene
Concen: 11.718 ng/ul
RT: 17.25 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BM012969.D
Acq: 16 Nov 2017 17:58

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.6	11.7	17.5
176	18.5	14.6	21.8





#74

Fluoranthene

Concen: 17.482 ng/ul

RT: 19.17 min Scan# 2735

Delta R.T. 0.00 min

Lab File: BM012969.D

Acq: 16 Nov 2017 17:58

Instrument :

BNA_M

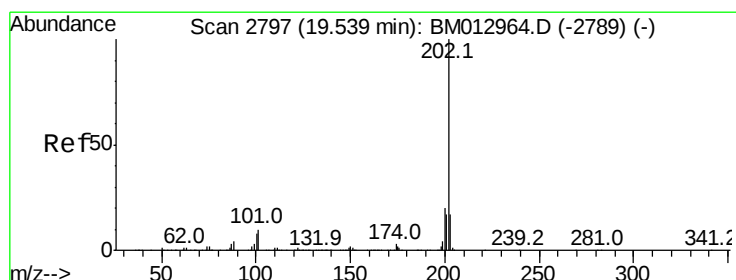
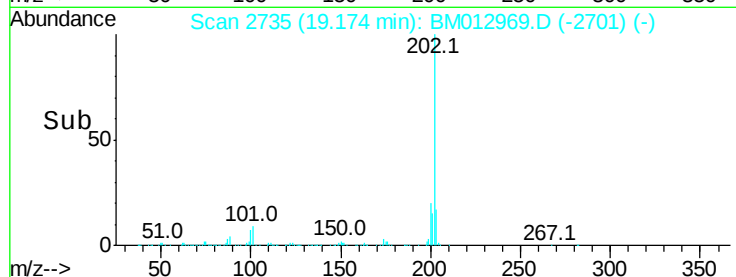
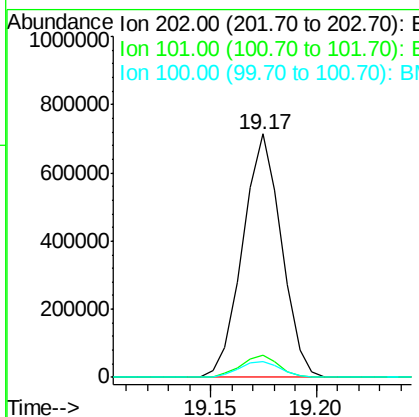
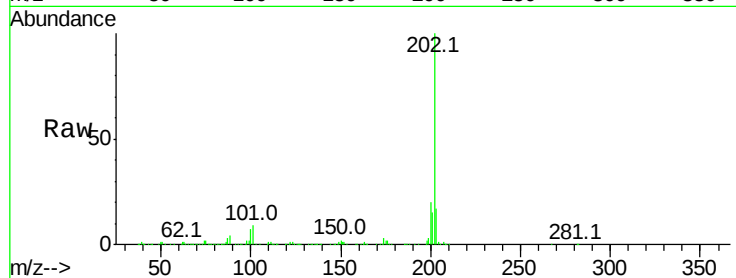
ClientSampleId :

X2B42

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.1	4.6	7.0#
100	6.6	3.4	5.2#

Manual Integrations
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11/17/2017 5:13:27 PM



#77

Pyrene

Concen: 18.592 ng/ul

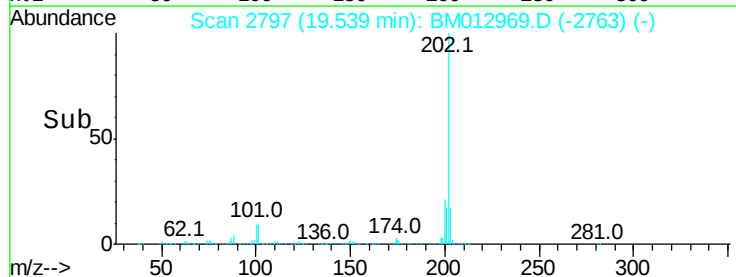
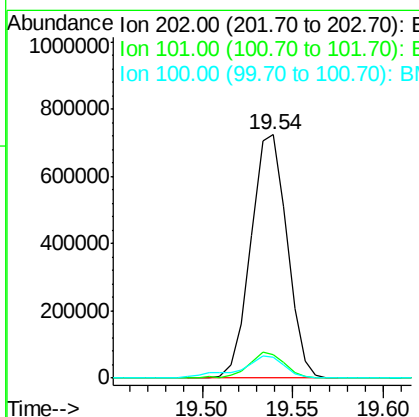
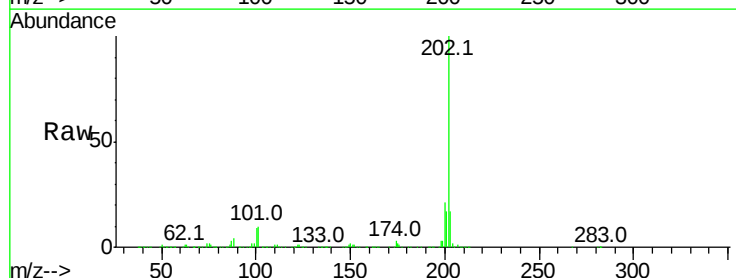
RT: 19.54 min Scan# 2797

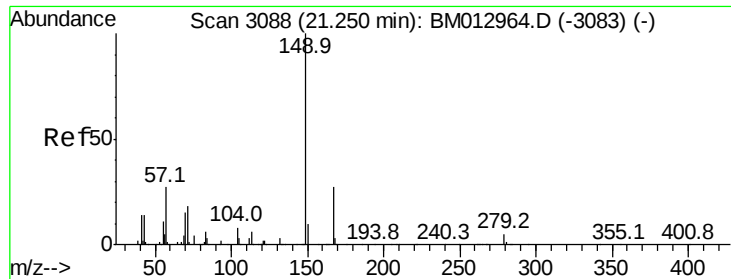
Delta R.T. 0.00 min

Lab File: BM012969.D

Acq: 16 Nov 2017 17:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.6	5.1	7.7#
100	8.6	4.9	7.3#





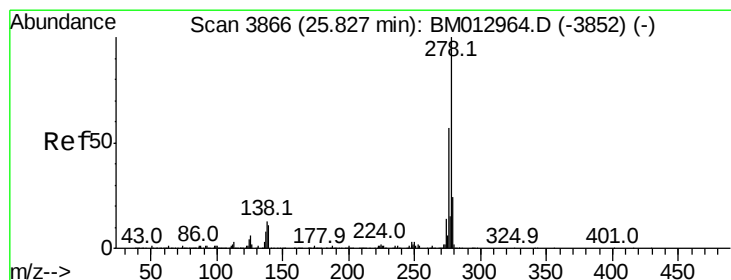
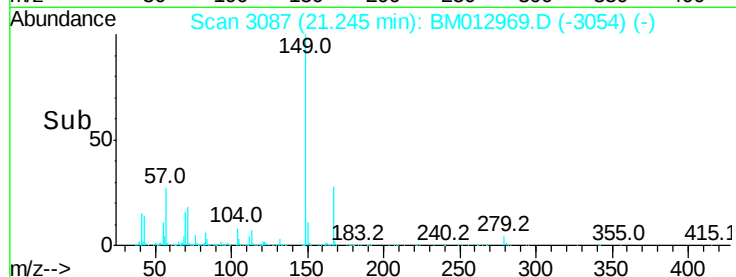
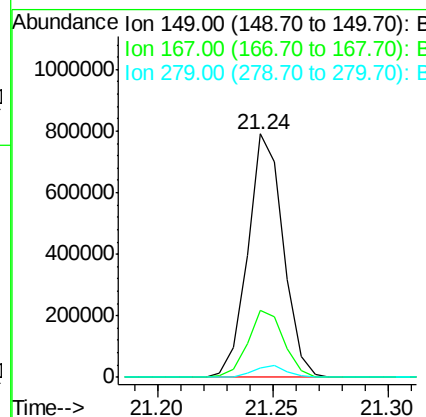
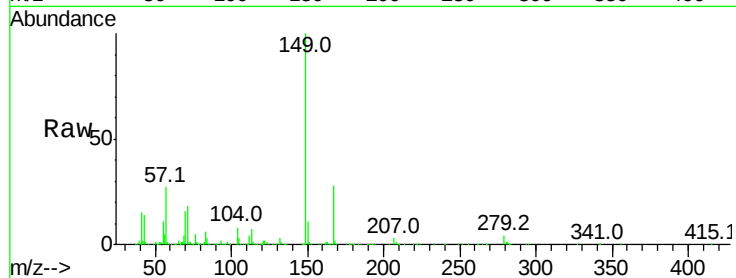
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 25.468 ng/ul
 RT: 21.24 min Scan# 3087
 Delta R.T. -0.01 min
 Lab File: BM012969.D
 Acq: 16 Nov 2017 17:58

Instrument :
 BNA_M
 ClientSampleID :
 X2B42

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.8	34.2
279	4.1	4.9	7.3#

Manual Integrations
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SOHIL
 11/17/2017 5:13:27 PM



#90
 Dibenzo(a,h)anthracene
 Concen: 17.190 ng/ul
 RT: 25.82 min Scan# 3864
 Delta R.T. -0.01 min
 Lab File: BM012969.D
 Acq: 16 Nov 2017 17:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.3	5.8	8.8#
279	23.7	18.6	27.8

