

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM011518\
 Data File : BM013578.D
 Acq On : 15 Jan 2018 11:00
 Operator : SJ/JU
 Sample : J1079-23
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DAJH9

Manual Integrations
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Sohil
 1/16/2018 5:05:33 PM

Quant Time: Jan 16 14:43:36 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 16 00:49:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	93797	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	385956	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	236452	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	552429	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	558067	20.00	ng/ul	0.00
83) Perylene-d12	23.42	264	481466	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	11392m	4.80	ng/uL	0.00
5) Phenol-d5	6.80	99	204639	28.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	127024	29.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	159639	27.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	168839	30.50	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	85676	28.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	87778	27.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	170030	27.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	173044	32.62	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	606829	31.14	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	737780	29.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	83656	26.41	ng/ul	0.00
57) Fluorene-d10	15.27	176	538633	31.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	65295	19.64	ng/ul	0.00
70) Anthracene-d10	17.12	188	890873	33.11	ng/ul	0.00
76) Pyrene-d10	19.42	212	971466	37.39	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.28	264	781789	35.33	ng/ul	0.00

Target Compounds

					Qvalue
4) Benzaldehyde	6.77	77	209245	41.990 ng/ul	94
10) 2-Chlorophenol	7.19	128	32752	5.601 ng/ul	93
23) 2-Nitrophenol	9.52	139	126264	38.286 ng/ul#	86
28) Naphthalene	10.45	128	144619	7.532 ng/ul	96
31) Hexachlorobutadiene	10.73	225	79693	16.479 ng/ul	92
33) 4-Chloro-3-methylphenol	11.70	107	115512	19.341 ng/ul	95
36) 1,2,4,5-Tetrachlorobenzene	12.44	216	61708	7.043 ng/ul	95
38) 2,4,6-Trichlorophenol	12.69	196	85414	16.842 ng/ul	97
40) 1,1'-Biphenyl	13.10	154	470462	23.903 ng/ul	99
44) Dimethylphthalate	13.74	163	557791	29.111 ng/ul	99
45) 2,6-Dinitrotoluene	13.86	165	59036	15.899 ng/ul#	97
52) 4-Nitrophenol	14.51	109	130623	40.601 ng/ul#	77
53) Dibenzofuran	14.67	168	230008	9.709 ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.42	198	55150	15.713 ng/ul#	86
66) Hexachlorobenzene	16.33	284	61020	8.688 ng/ul#	88
68) Pentachlorophenol	16.68	266	72208	19.348 ng/ul	97
69) Phenanthrene	17.07	178	827445	26.946 ng/ul	99
71) Anthracene	17.16	178	337710	10.662 ng/ul	99
73) Di-n-butylphthalate	18.00	149	496624	16.151 ng/ul	98
74) Fluoranthene	19.09	202	774810	21.138 ng/ul#	95
77) Pyrene	19.45	202	813754	23.986 ng/ul#	93
81) Bis(2-ethylhexyl)phthalate	21.14	149	402010	22.420 ng/ul#	96
82) Chrysene	21.26	228	603855	19.520 ng/ul	98

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Manual Integrations
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Quant Time: Jan 16 14:43:36 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 16 00:49:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(a)pyrene	23.32	252	481273	17.230	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.62	276	561558	17.031	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.63	278	291950	10.485	ng/ul#	96

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

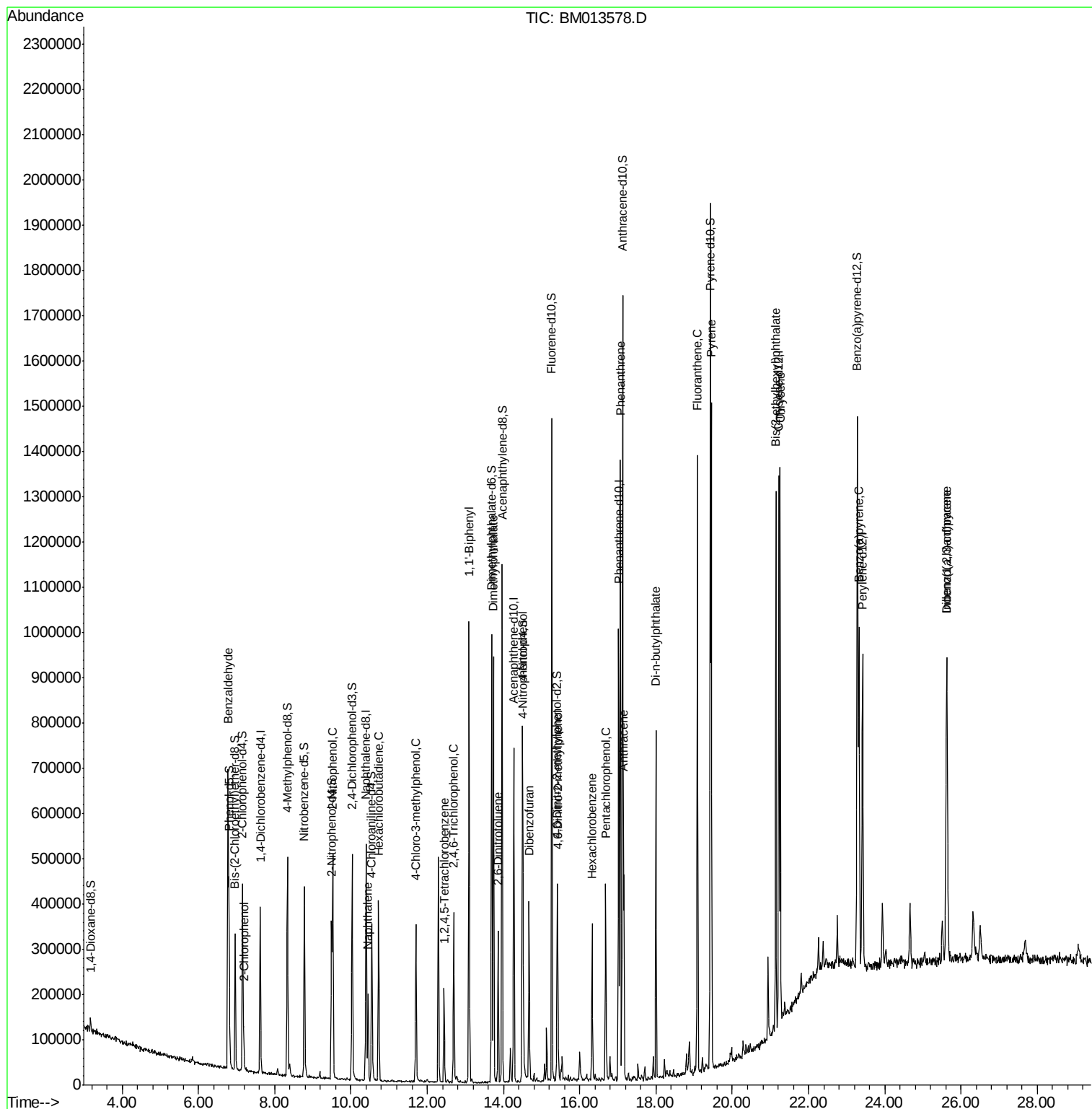
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013578.D
Acq On : 15 Jan 2018 11:00
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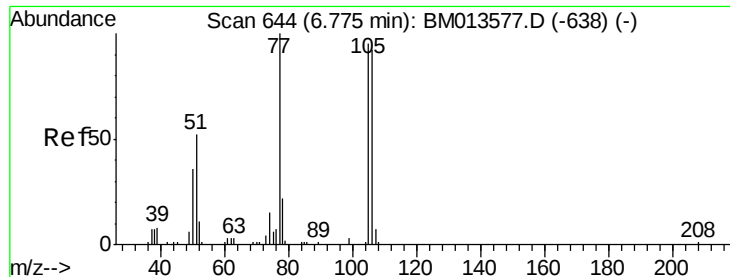
Instrument :
BNA_M
ClientSampled :
DAJH9

Manual Integrations
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Quant Time: Jan 16 14:43:36 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 16 00:49:48 2018
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 41.990 ng/ul

RT: 6.77 min Scan# 644

Delta R.T. 0.00 min

Lab File: BM013578.D

Acq: 15 Jan 2018 11:00

Instrument :

BNA_M

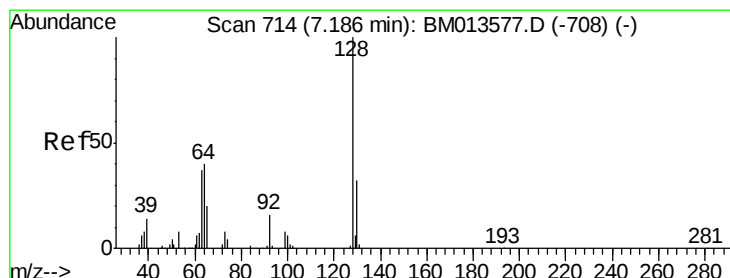
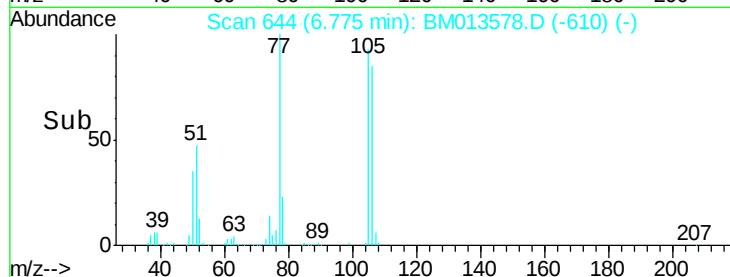
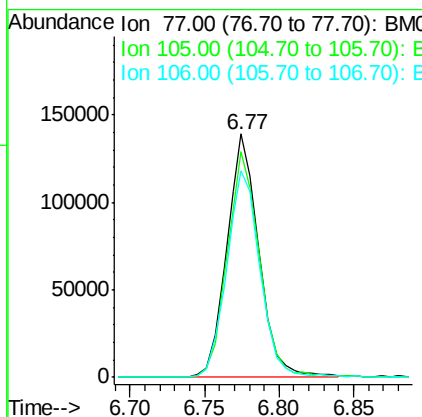
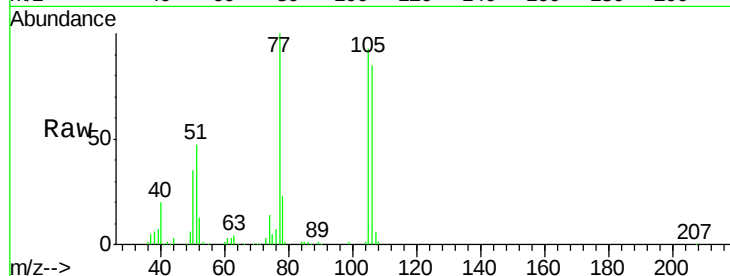
ClientSampleId :

DAJH9

Tgt Ion:	77	Resp:	209245
Ion Ratio	Lower	Upper	
77	100		
105	92.6	66.1	99.1
106	84.7	67.8	101.6

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#10

2-Chlorophenol

Concen: 5.601 ng/ul

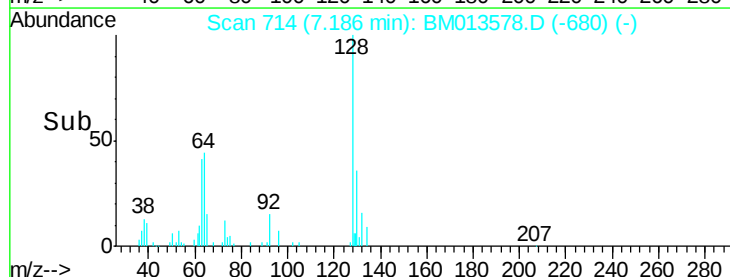
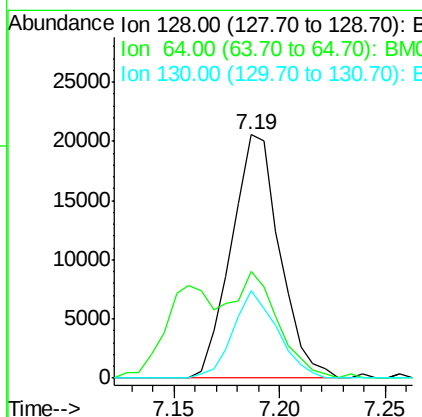
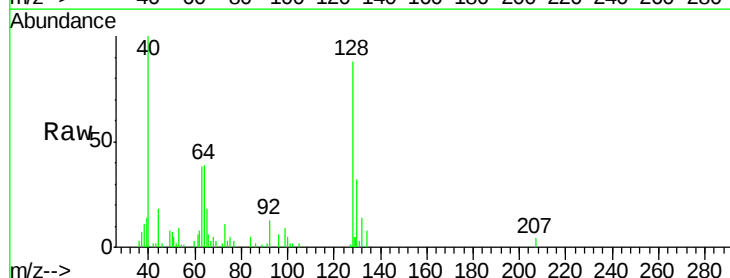
RT: 7.19 min Scan# 714

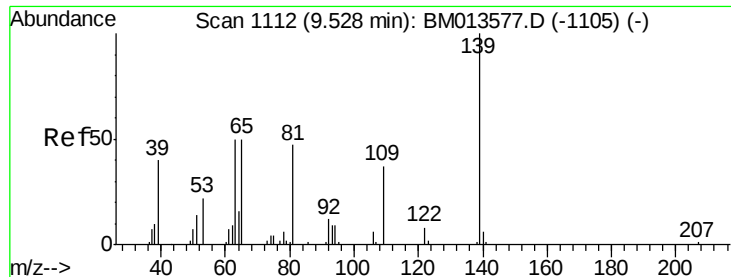
Delta R.T. 0.00 min

Lab File: BM013578.D

Acq: 15 Jan 2018 11:00

Tgt Ion:	128	Resp:	32752
Ion Ratio	Lower	Upper	
128	100		
64	43.9	38.0	57.0
130	36.2	24.4	36.6





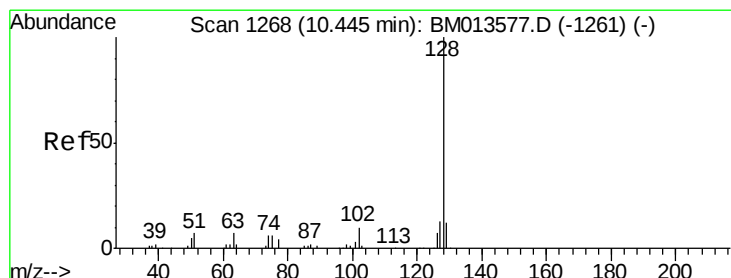
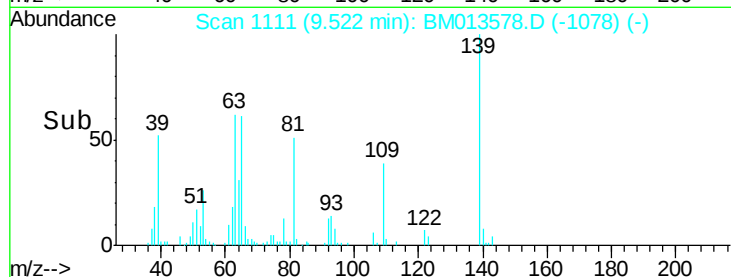
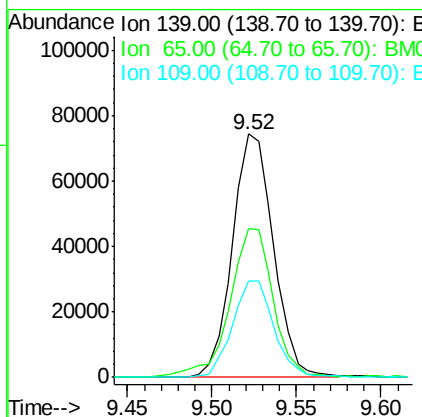
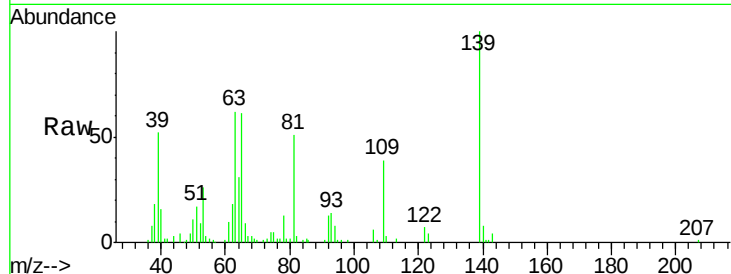
#23
2-Nitrophenol
Concen: 38.286 ng/ul
RT: 9.52 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BM013578.D
Acq: 15 Jan 2018 11:00

Instrument :
BNA_M
ClientSampled :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
65	61.0	55.4	83.0
109	39.4	42.2	63.2#

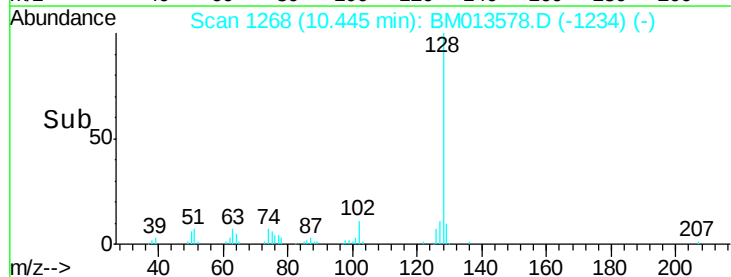
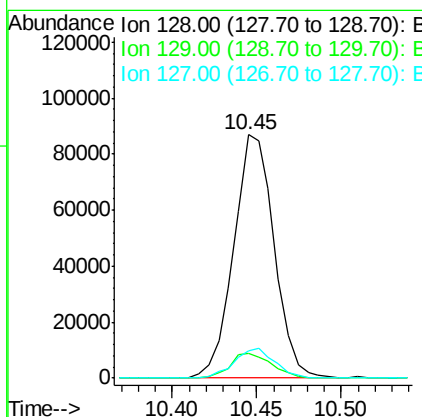
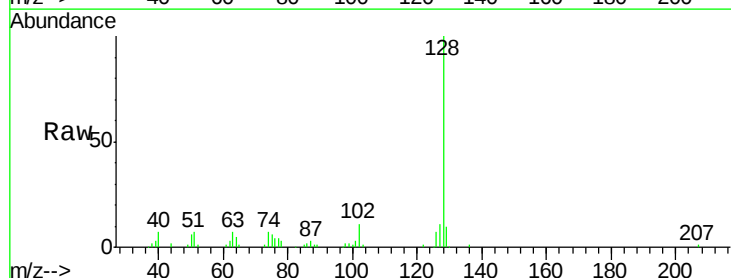
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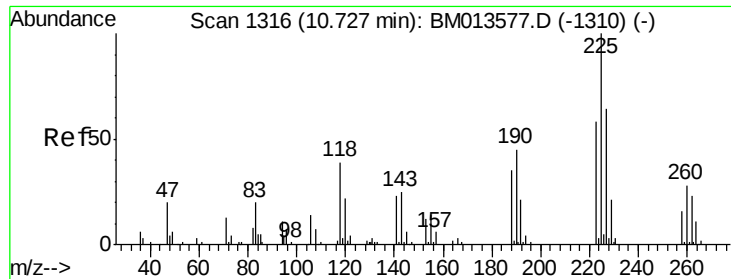
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#28
Naphthalene
Concen: 7.532 ng/ul
RT: 10.45 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BM013578.D
Acq: 15 Jan 2018 11:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	10.1	8.8	13.2
127	11.4	10.6	16.0





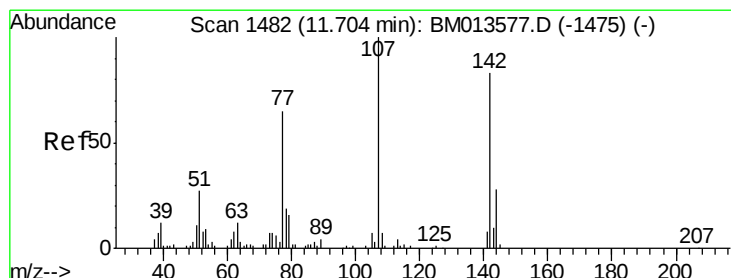
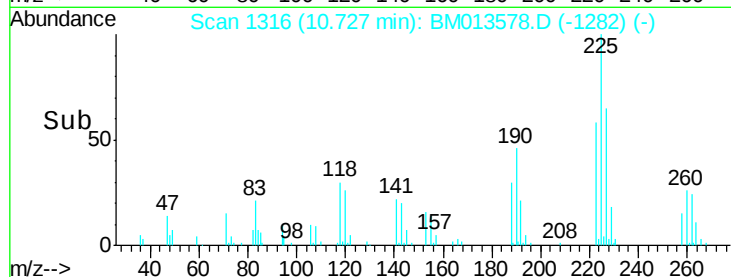
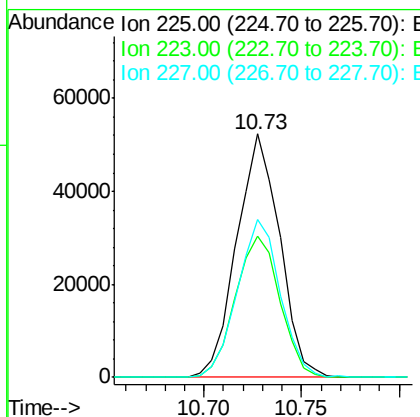
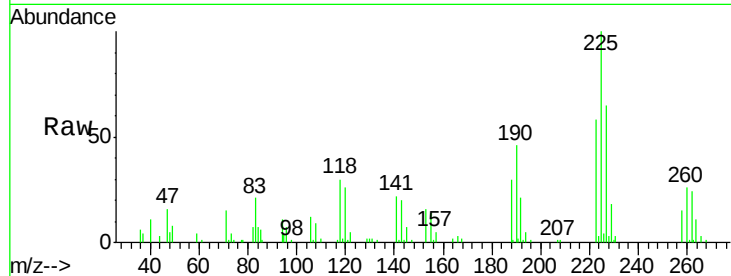
#31
Hexachlorobutadiene
Concen: 16.479 ng/ul
RT: 10.73 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BM013578.D
Acq: 15 Jan 2018 11:00

Instrument :
BNA_M
ClientSampled :
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Tgt Ion	Ratio	Resp	Lower	Upper
225	100	79693		
223	58.2	49.4	74.2	
227	64.7	45.4	68.2	

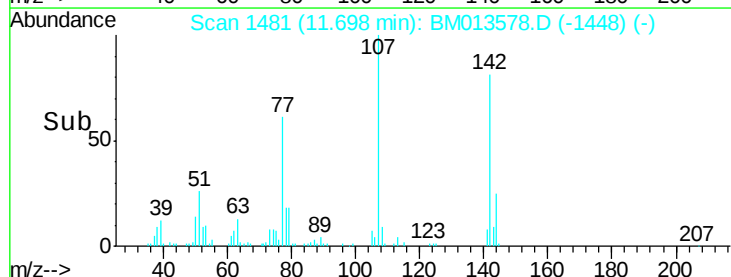
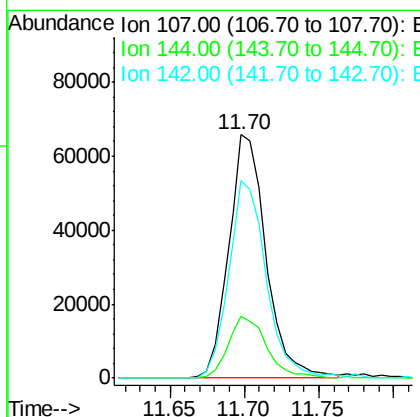
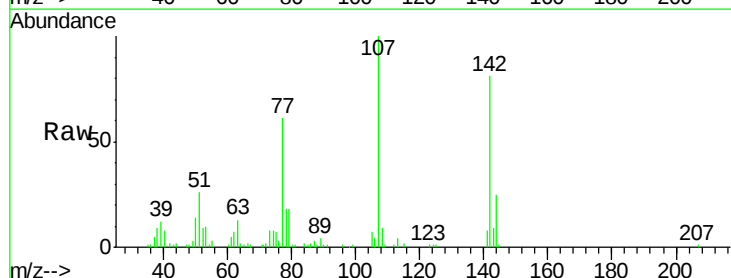
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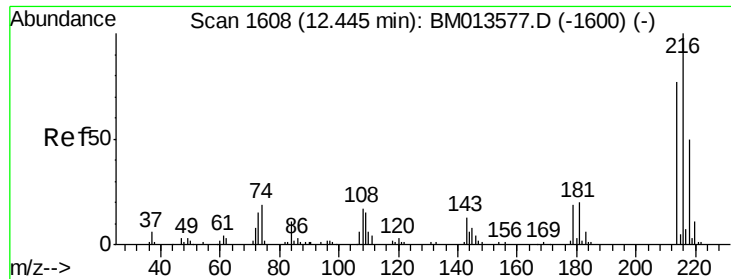
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#33
4-Chloro-3-methylphenol
Concen: 19.341 ng/ul
RT: 11.70 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BM013578.D
Acq: 15 Jan 2018 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	115512		
144	25.2	20.4	30.6	
142	80.9	60.5	90.7	





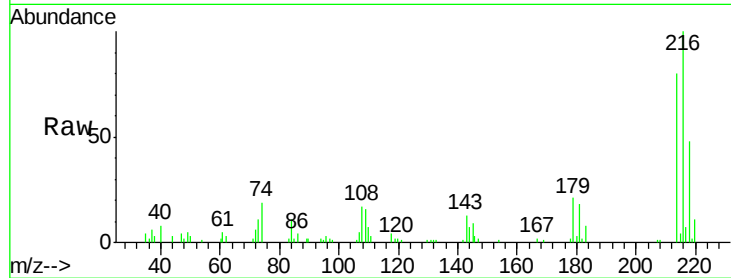
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 7.043 ng/ul
 RT: 12.44 min Scan# 1608
 Delta R.T. 0.00 min
 Lab File: BM013578.D
 Acq: 15 Jan 2018 11:00

Instrument :
 BNA_M
 ClientSampleId :
 DAJH9

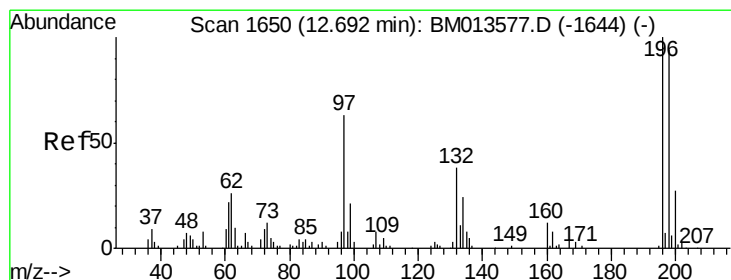
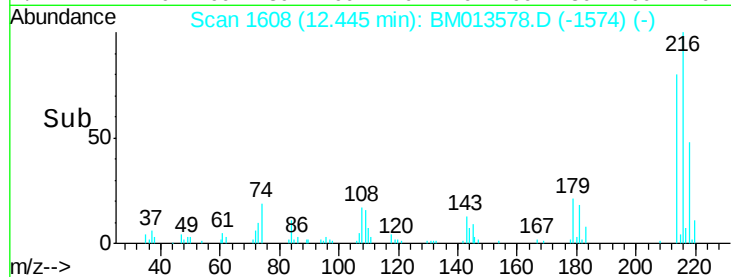
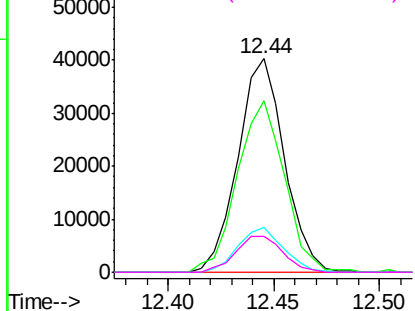
Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.1	60.6	90.8
179	20.8	17.5	26.3
108	16.5	11.3	16.9

Manual Integrations
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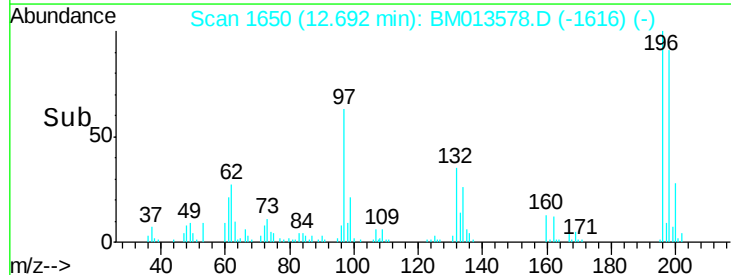
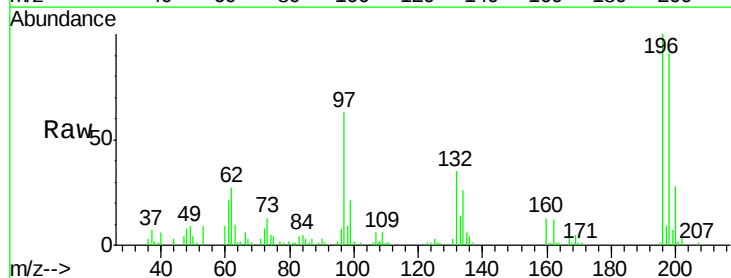
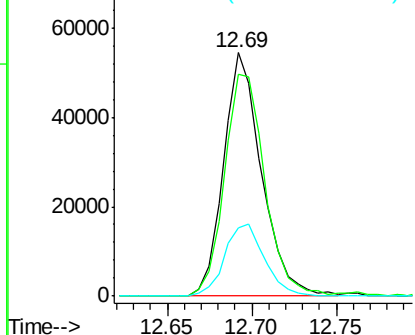
Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

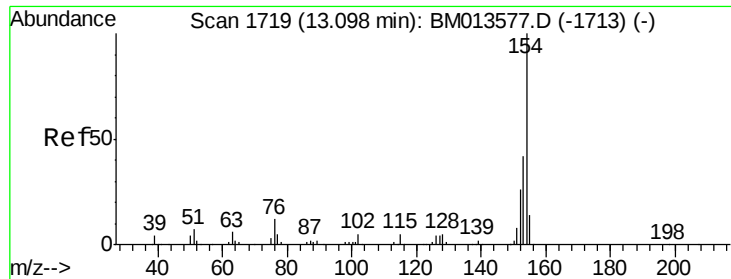


#38
 2,4,6-Trichlorophenol
 Concen: 16.842 ng/ul
 RT: 12.69 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: BM013578.D
 Acq: 15 Jan 2018 11:00

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.3	74.1	111.1
200	28.1	25.2	37.8

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#40

1,1'-Biphenyl

Concen: 23.903 ng/ul

RT: 13.10 min Scan# 1719

Delta R.T. 0.00 min

Lab File: BM013578.D

Acq: 15 Jan 2018 11:00

Instrument :

BNA_M

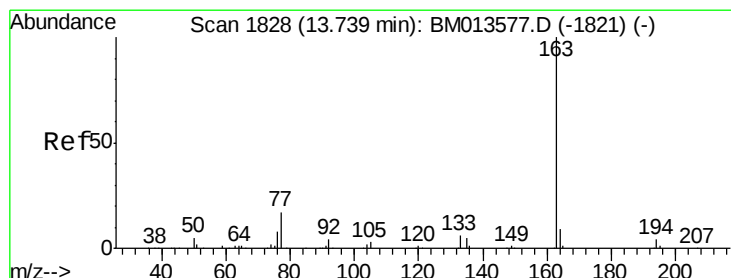
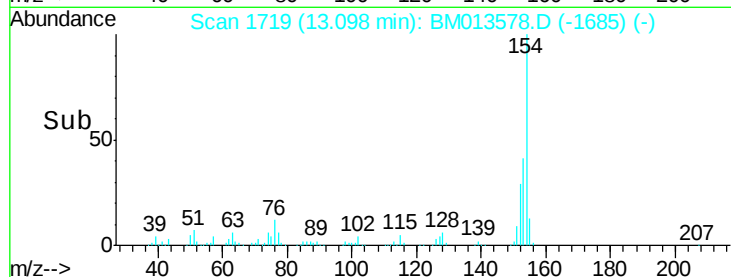
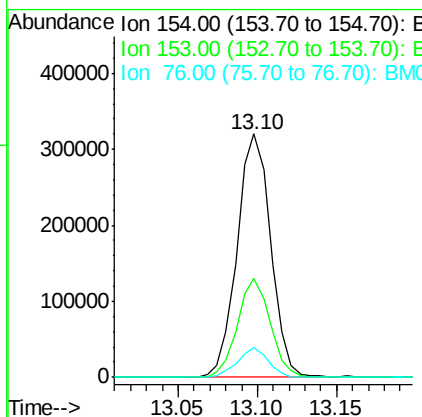
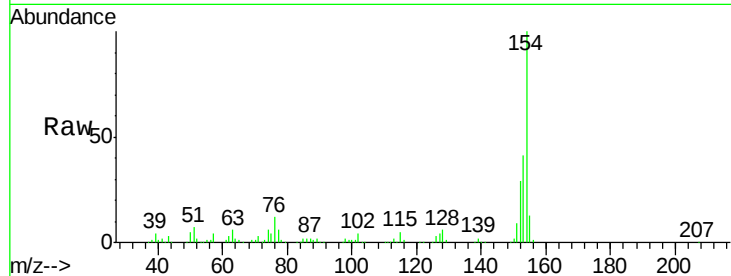
ClientSampleId :

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Tgt Ion:	154	Resp:	470462
Ion Ratio	Lower	Upper	
154	100		
153	40.9	32.6	48.8
76	12.4	8.5	12.7

Manual Integrations
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#44

Dimethylphthalate

Concen: 29.111 ng/ul

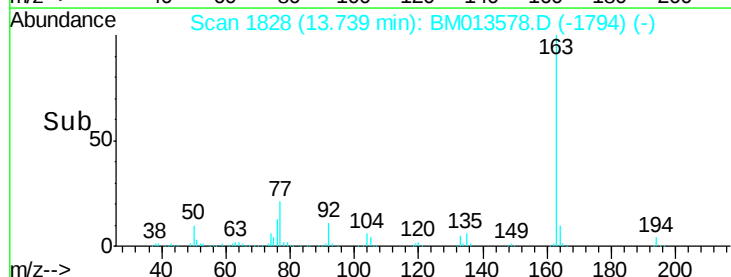
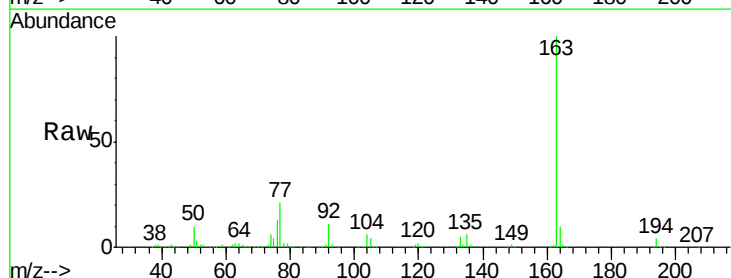
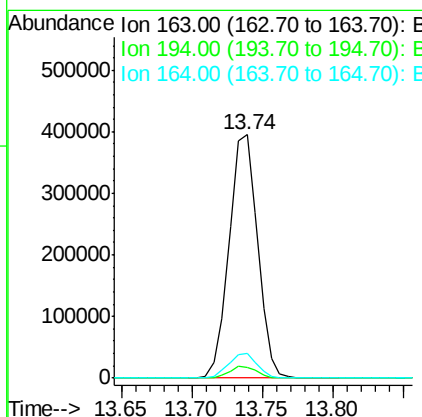
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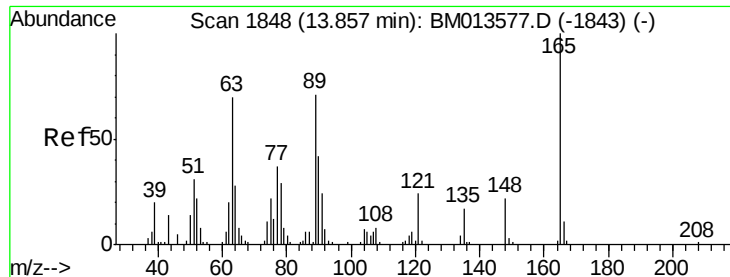
Delta R.T. 0.00 min

Lab File: BM013578.D

Acq: 15 Jan 2018 11:00

Tgt Ion:	163	Resp:	557791
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.5	5.3
164	9.9	8.2	12.4





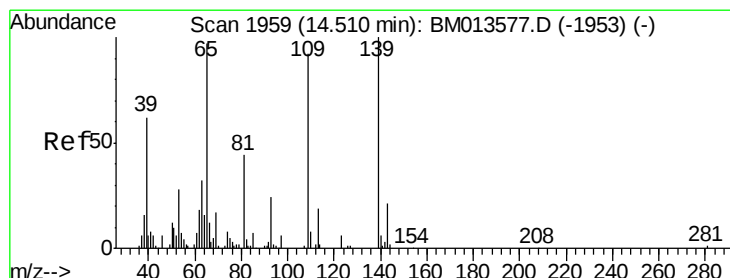
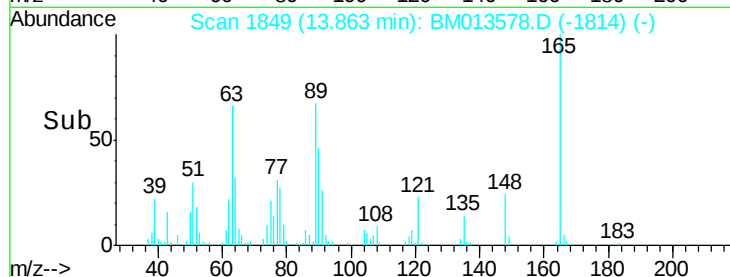
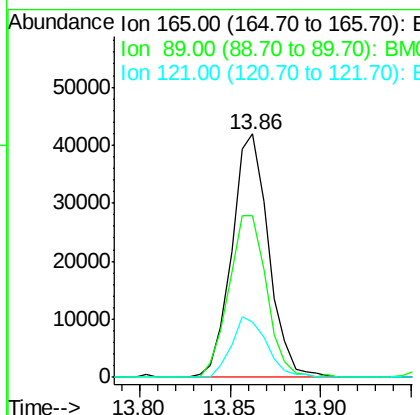
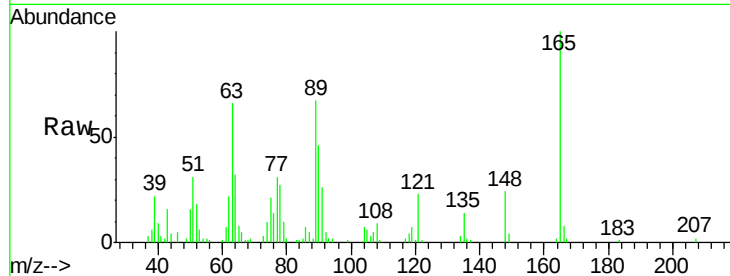
#45
 2,6-Dinitrotoluene
 Concen: 15.899 ng/ul
 RT: 13.86 min Scan# 1849
 Delta R.T. 0.01 min
 Lab File: BM013578.D
 Acq: 15 Jan 2018 11:00

Instrument :
 BNA_M
 ClientSampled :
 DAJH9

Tgt Ion	Ratio	Lower	Upper
165	100		
89	66.6	52.6	79.0
121	23.0	14.6	22.0

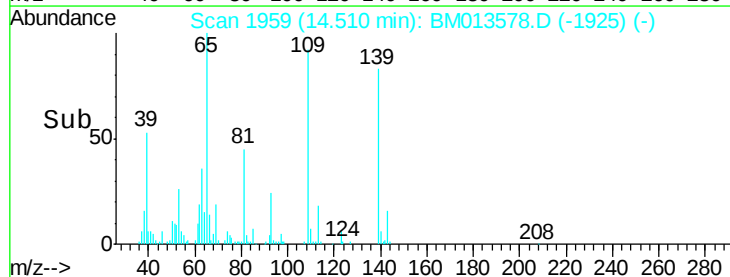
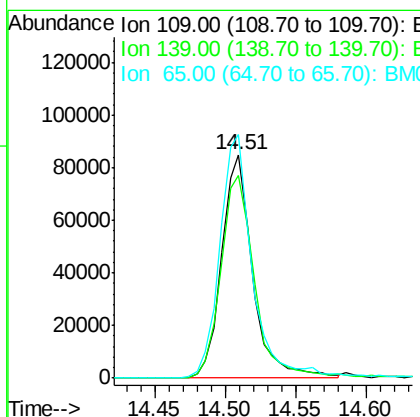
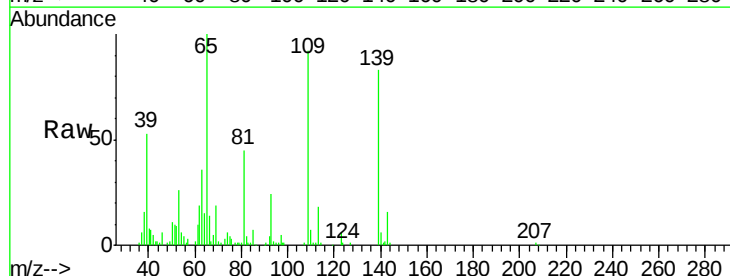
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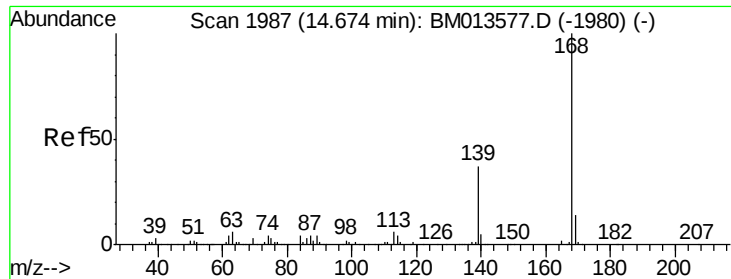
Sohil
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#52
 4-Nitrophenol
 Concen: 40.601 ng/ul
 RT: 14.51 min Scan# 1959
 Delta R.T. 0.00 min
 Lab File: BM013578.D
 Acq: 15 Jan 2018 11:00

Tgt Ion	Ratio	Lower	Upper
109	100		
139	90.8	80.0	120.0
65	109.1	120.0	180.0





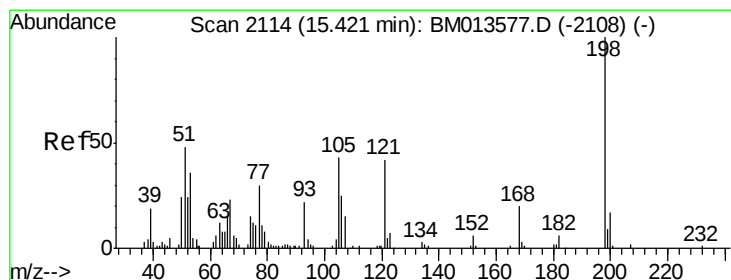
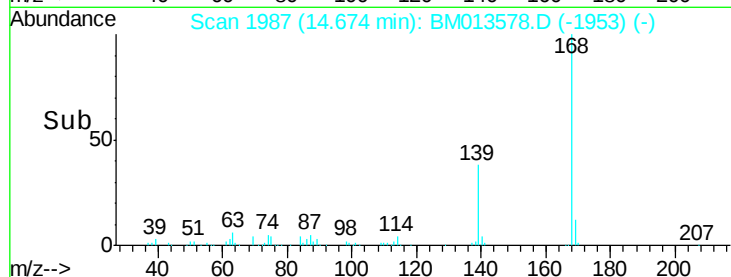
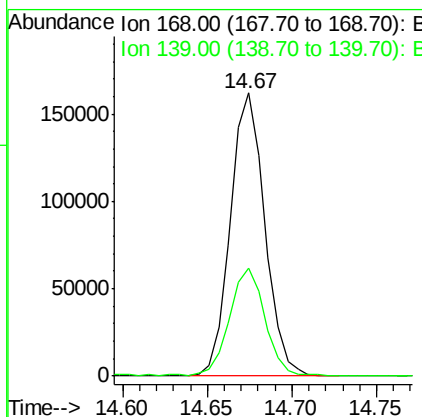
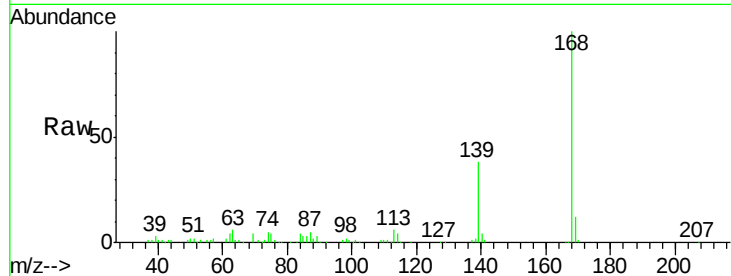
#53
Dibenzofuran
Concen: 9.709 ng/u1
RT: 14.67 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BM013578.D
Acq: 15 Jan 2018 11:00

Instrument :
BNA_M
ClientSampled :
DAJH9

Tgt Ion:168 Resp: 230008
Ion Ratio Lower Upper
168 100
139 38.2 30.8 46.2

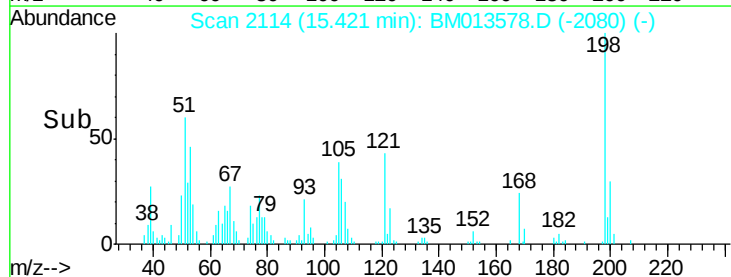
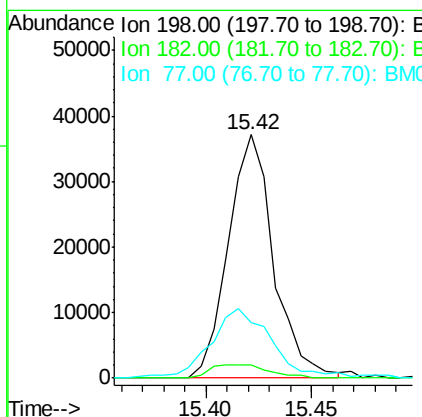
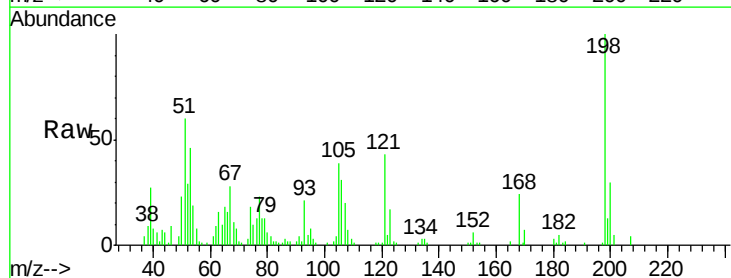
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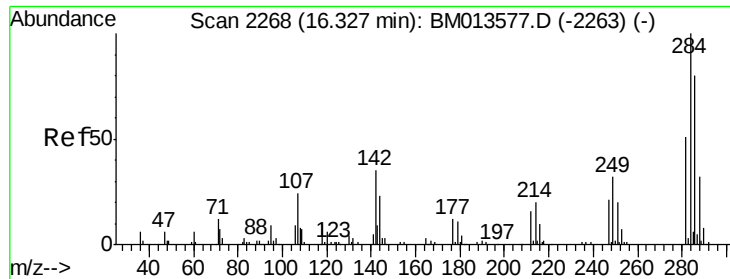
Sohil
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#63
4,6-Dinitro-2-methylphenol
Concen: 15.713 ng/u1
RT: 15.42 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BM013578.D
Acq: 15 Jan 2018 11:00

Tgt Ion:198 Resp: 55150
Ion Ratio Lower Upper
198 100
182 5.2 3.8 5.6
77 22.9 25.2 37.8#





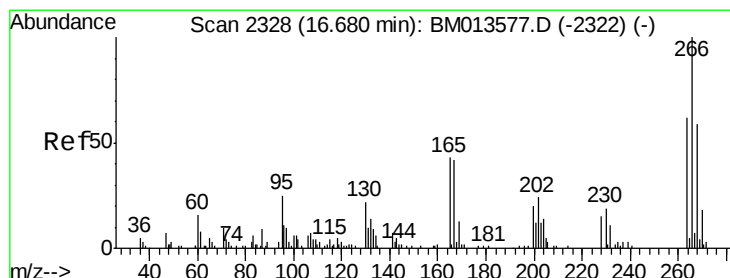
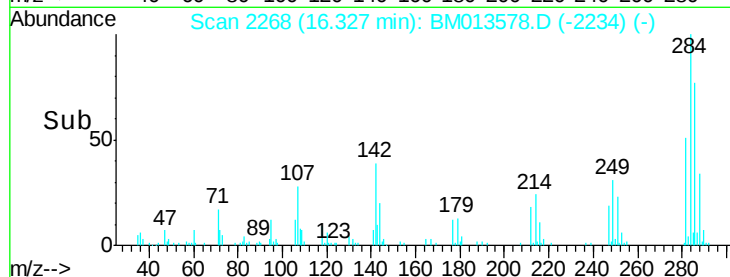
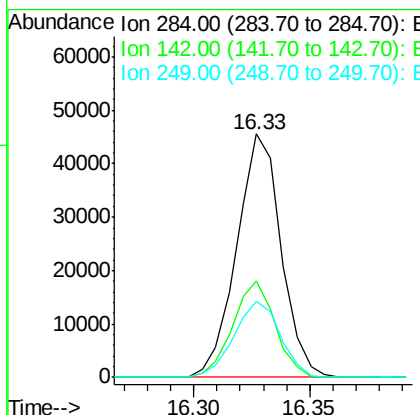
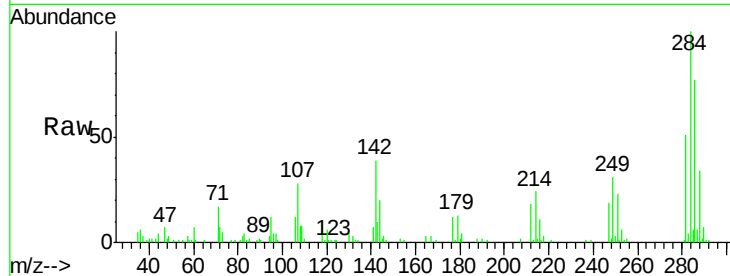
#66
Hexachlorobenzene
Concen: 8.688 ng/ul
RT: 16.33 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BM013578.D
Acq: 15 Jan 2018 11:00

Instrument :
BNA_M
ClientSampleId :
DAJH9

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.4	21.2	31.8
249	31.0	24.5	36.7

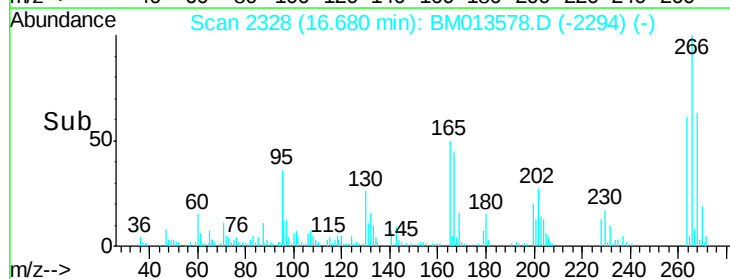
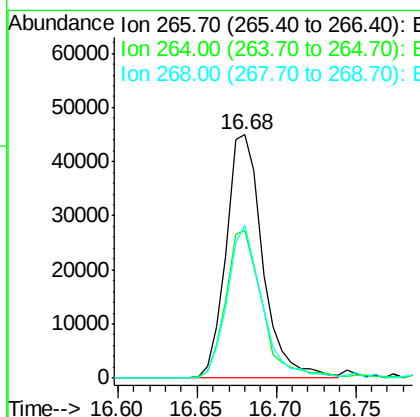
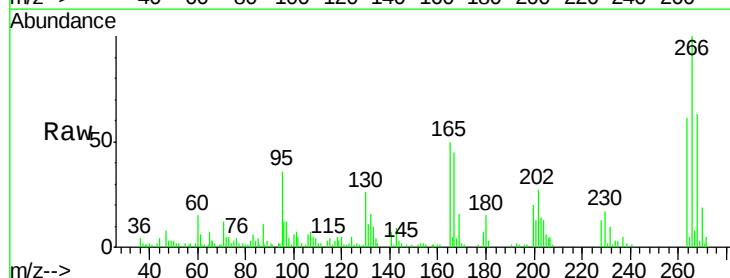
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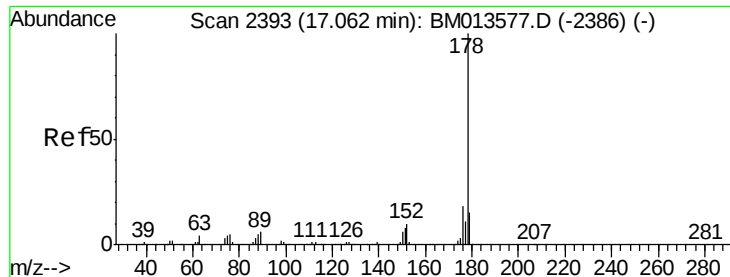
Sohil
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#68
Pentachlorophenol
Concen: 19.348 ng/ul
RT: 16.68 min Scan# 2328
Delta R.T. 0.00 min
Lab File: BM013578.D
Acq: 15 Jan 2018 11:00

Tgt Ion	Ratio	Lower	Upper
266	100		
264	60.6	49.3	73.9
268	62.5	52.6	78.8





#69

Phenanthrene

Concen: 26.946 ng/ul

RT: 17.07 min Scan# 2394

Delta R.T. 0.01 min

Lab File: BM013578.D

Acq: 15 Jan 2018 11:00

Instrument :

BNA_M

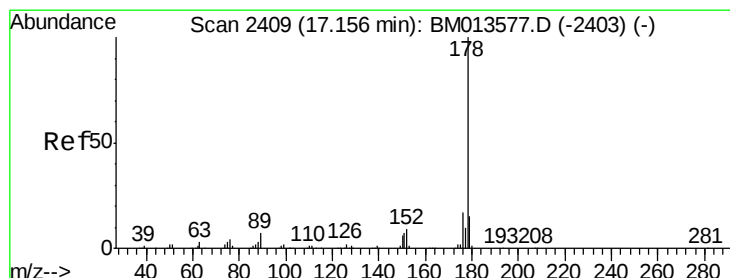
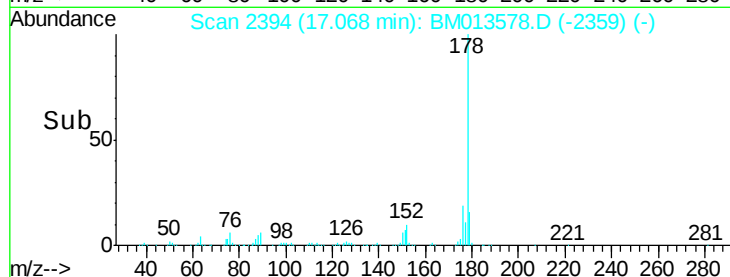
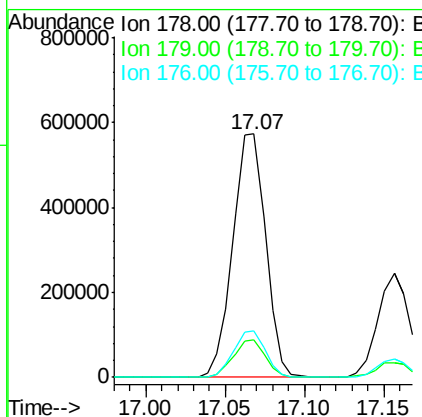
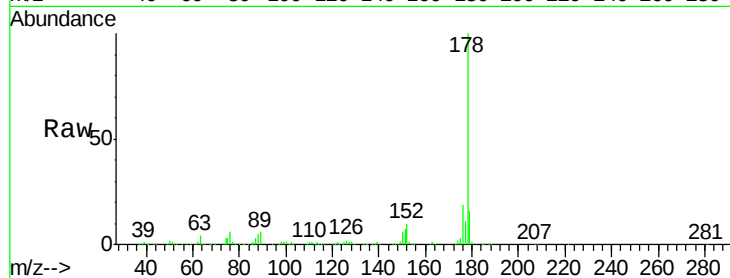
ClientSampled :

DAJH9

Tgt Ion:	178	Resp:	827445
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.6	19.0
176	18.9	14.9	22.3

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#71

Anthracene

Concen: 10.662 ng/ul

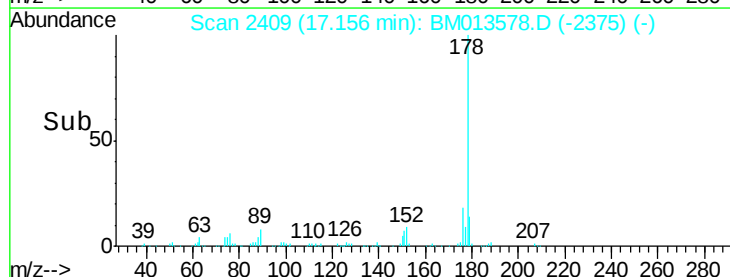
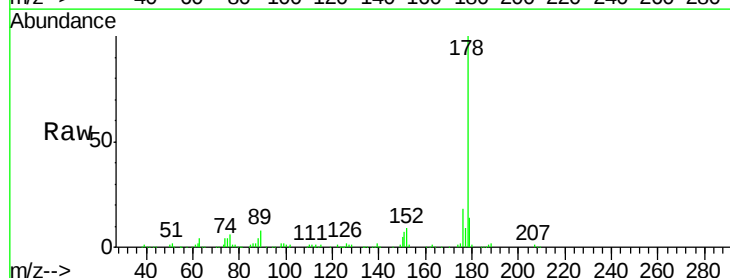
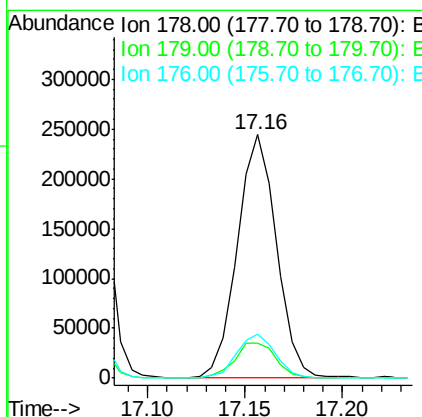
RT: 17.16 min Scan# 2409

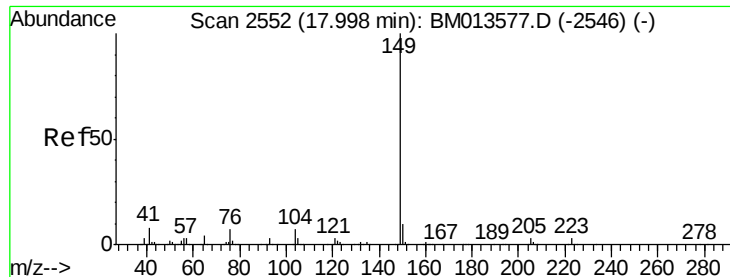
Delta R.T. 0.00 min

Lab File: BM013578.D

Acq: 15 Jan 2018 11:00

Tgt Ion:	178	Resp:	337710
Ion Ratio	Lower	Upper	
178	100		
179	14.2	11.7	17.5
176	18.0	14.6	21.8





#73

Di-n-butylphthalate

Concen: 16.151 ng/ul

RT: 18.00 min Scan# 2552

Delta R.T. 0.00 min

Lab File: BM013578.D

Acq: 15 Jan 2018 11:00

Instrument :

BNA_M

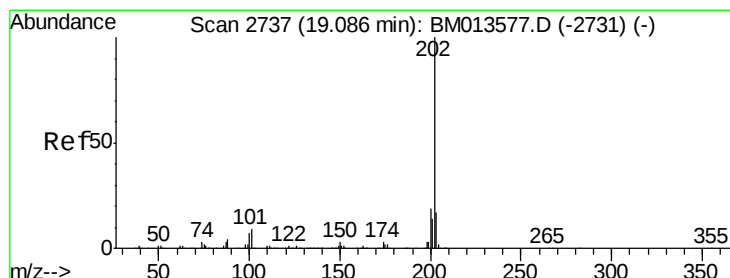
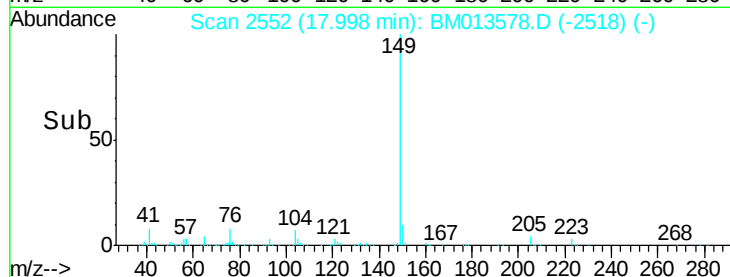
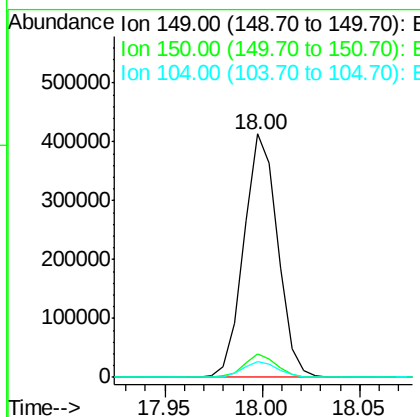
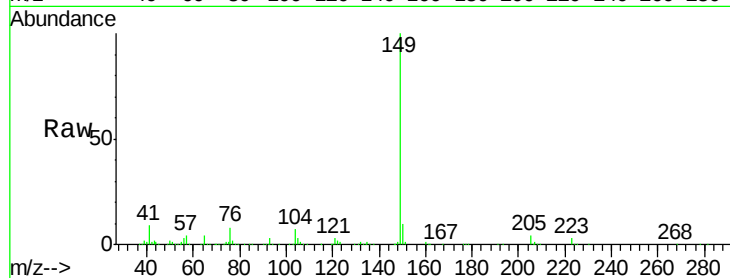
ClientSampled :

DAJH9

Tgt Ion:	149	Resp:	496624
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.1	10.7
104	6.7	5.6	8.4

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#74

Fluoranthene

Concen: 21.138 ng/ul

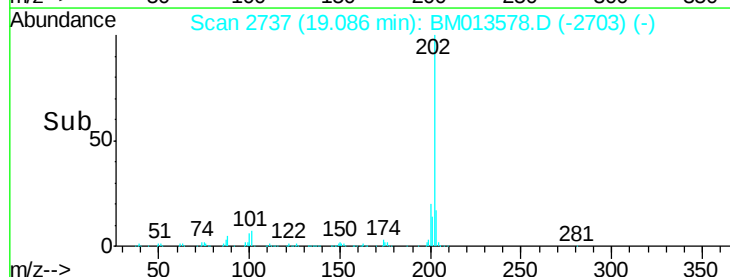
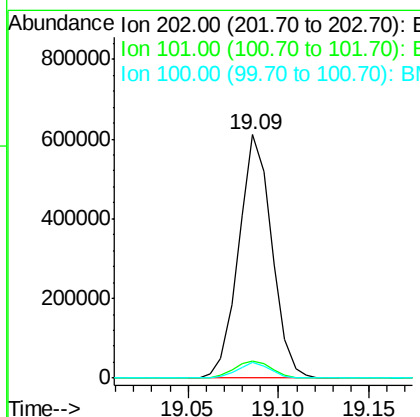
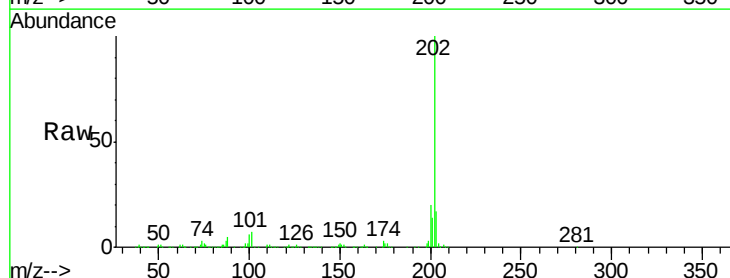
RT: 19.09 min Scan# 2737

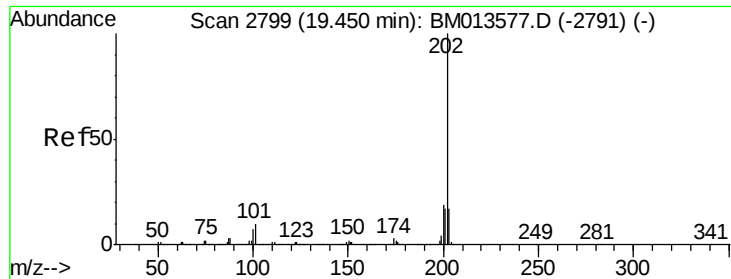
Delta R.T. 0.00 min

Lab File: BM013578.D

Acq: 15 Jan 2018 11:00

Tgt Ion:	202	Resp:	774810
Ion Ratio	Lower	Upper	
202	100		
101	6.9	4.6	7.0
100	6.5	3.4	5.2#





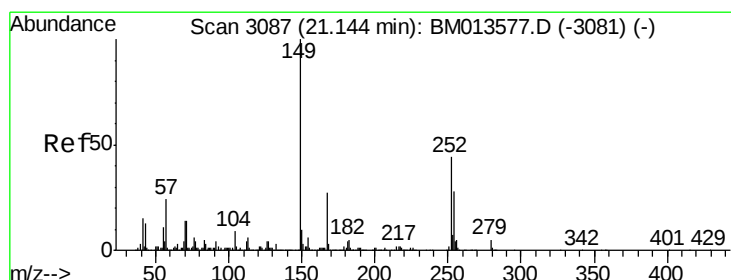
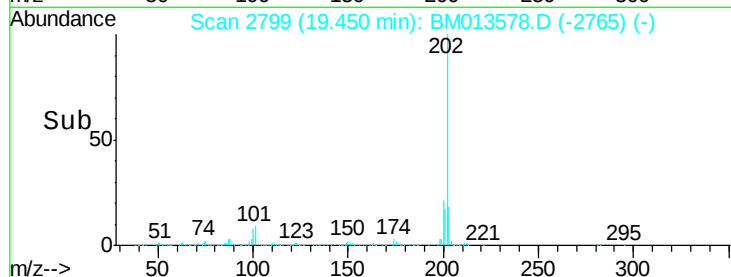
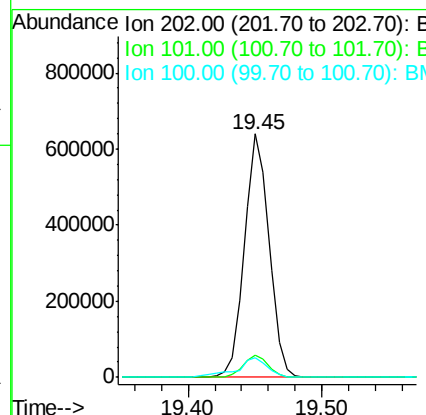
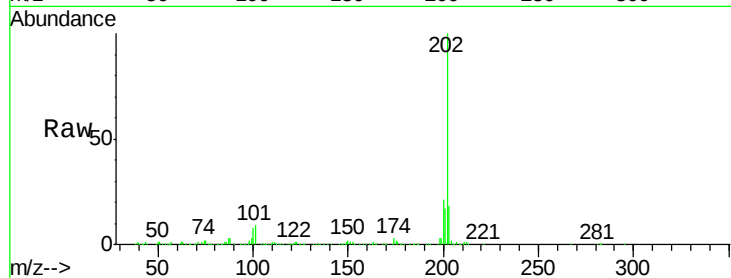
#77
 Pyrene
 Concen: 23.986 ng/ul
 RT: 19.45 min Scan# 2799
 Delta R.T. 0.00 min
 Lab File: BM013578.D
 Acq: 15 Jan 2018 11:00

Instrument :
 BNA_M
 ClientSampleId :
 DAJH9

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.1	5.1	7.7#
100	8.3	4.9	7.3#

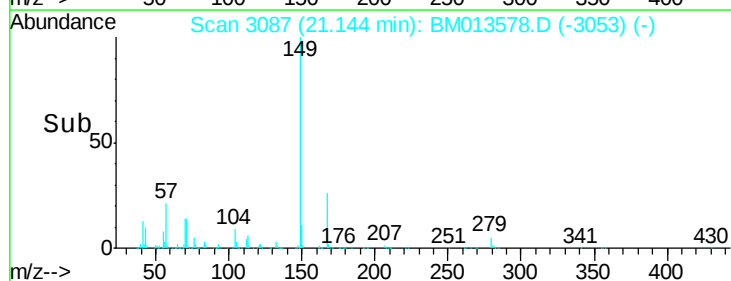
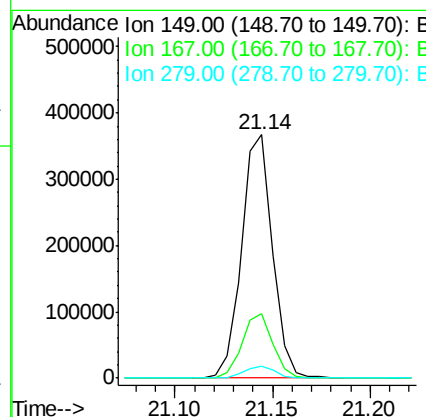
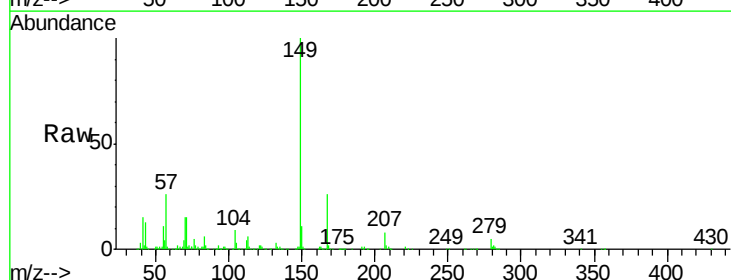
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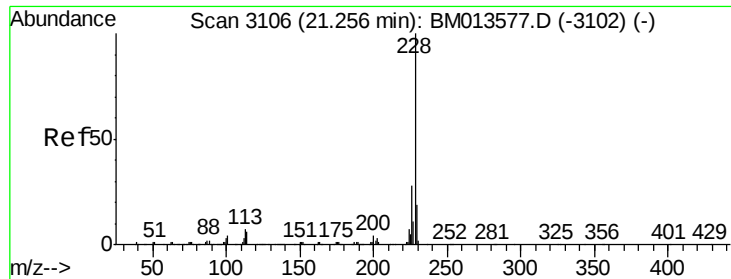
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#81
 Bis(2-ethylhexyl)phthalate
 Concen: 22.420 ng/ul
 RT: 21.14 min Scan# 3087
 Delta R.T. 0.00 min
 Lab File: BM013578.D
 Acq: 15 Jan 2018 11:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	26.3	22.8	34.2
279	4.7	4.9	7.3#





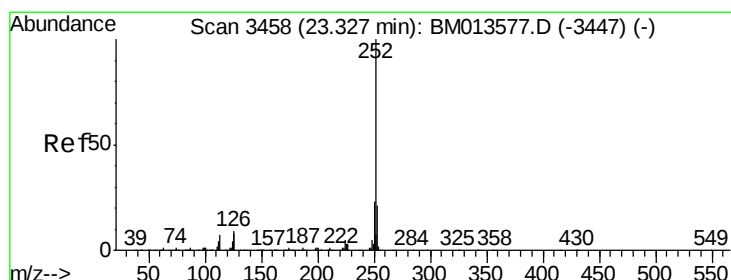
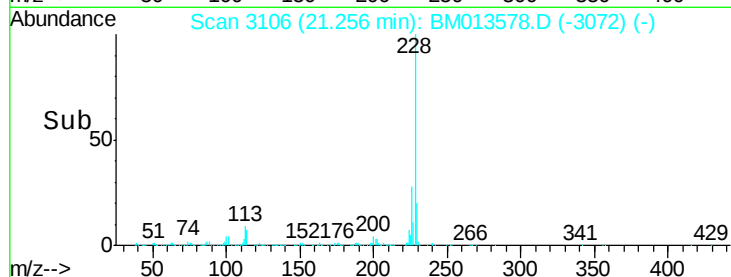
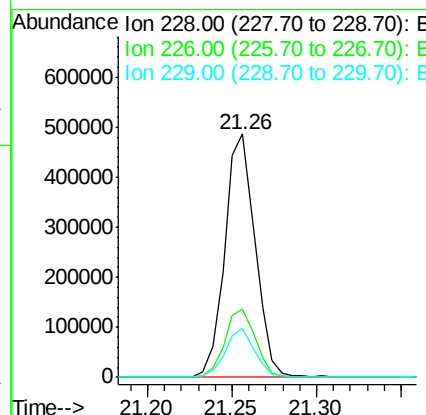
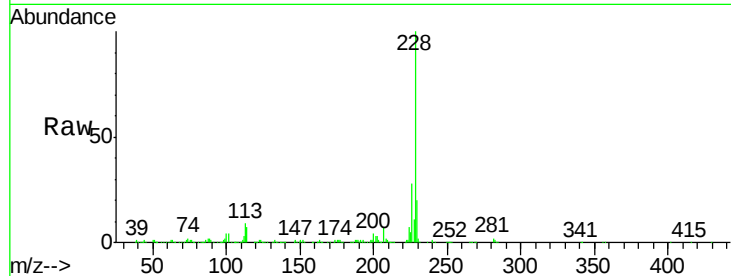
#82
Chrysene
Concen: 19.520 ng/u1
RT: 21.26 min Scan# 3106
Delta R.T. 0.00 min
Lab File: BM013578.D
Acq: 15 Jan 2018 11:00

Instrument :
BNA_M
ClientSampleId :
DAJH9

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	603855		
226	28.1		23.4	35.2
229	20.2		15.5	23.3

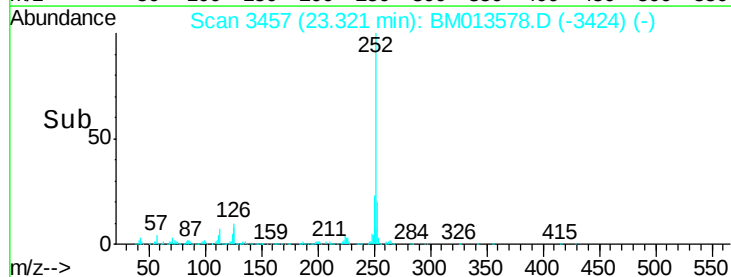
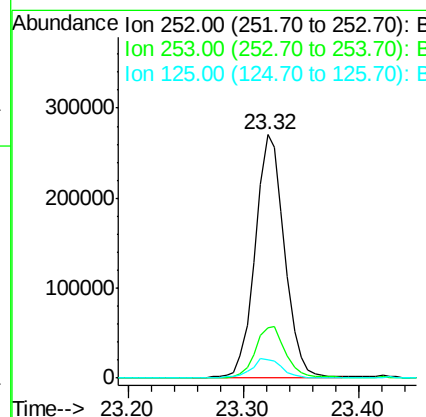
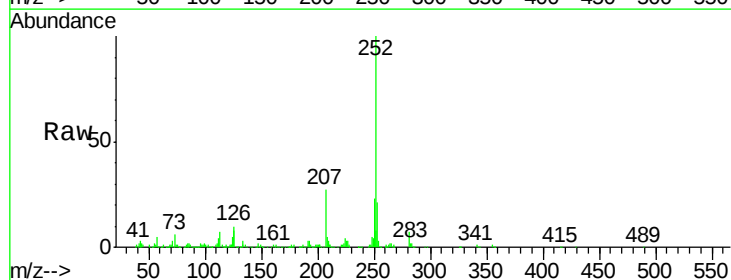
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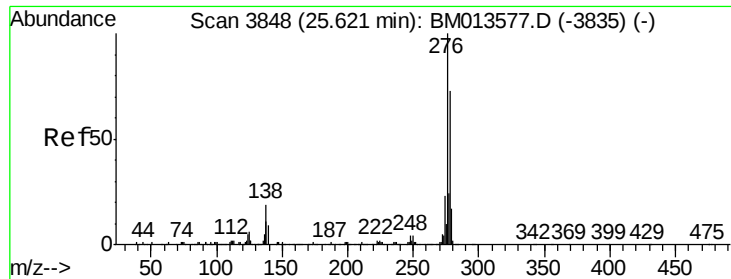
Sohil
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#88
Benzo(a)pyrene
Concen: 17.230 ng/u1
RT: 23.32 min Scan# 3457
Delta R.T. -0.01 min
Lab File: BM013578.D
Acq: 15 Jan 2018 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	481273		
253	20.6		18.2	27.2
125	7.7		4.0	6.0#





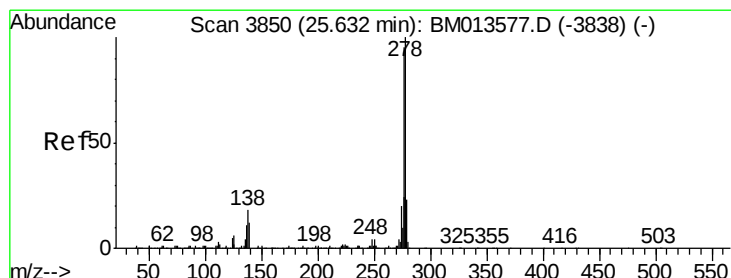
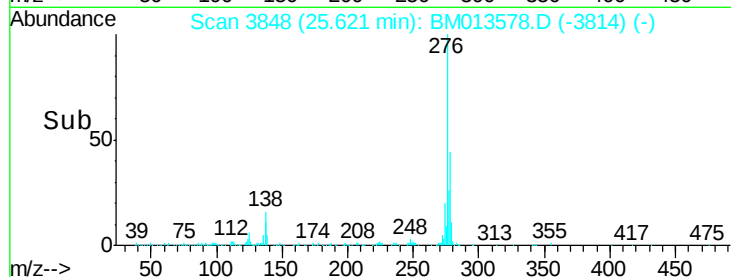
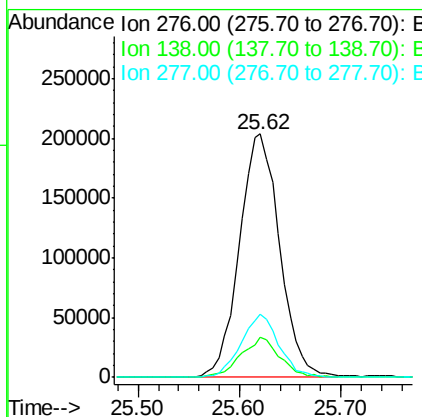
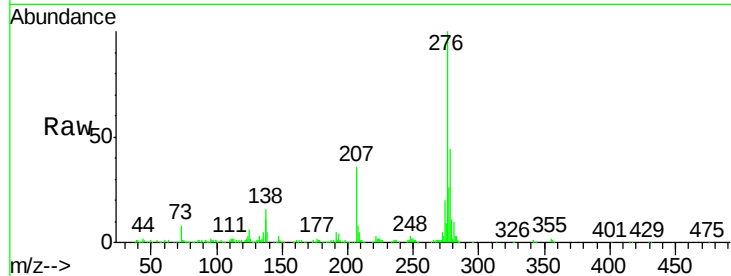
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 17.031 ng/ul
 RT: 25.62 min Scan# 3848
 Delta R.T. 0.00 min
 Lab File: BM013578.D
 Acq: 15 Jan 2018 11:00

Instrument :
 BNA_M
 ClientSampleId :
 DAJH9

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.4	9.3	13.9#
277	26.0	19.9	29.9

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 1/16/2018 5:05:33 PM



#90
 Dibenzo(a,h)anthracene
 Concen: 10.485 ng/ul
 RT: 25.63 min Scan# 3849
 Delta R.T. -0.01 min
 Lab File: BM013578.D
 Acq: 15 Jan 2018 11:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.1	5.8	8.8#
279	21.8	18.6	27.8

