

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103118\
 Data File : BM017431.D
 Acq On : 31 Oct 2018 15:56
 Operator : MJ/SJ
 Sample : J5657-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A40D1

Quant Time: Nov 01 13:25:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 01 05:28:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	165518	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	814398	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	508891	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	1205504	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1417337	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	1363900	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	16165	4.49	ng/uL	0.00
5) Phenol-d5	6.83	99	440210	29.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	245868	27.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	347270	29.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	352163	29.46	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	181527	28.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	205276	28.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	399998	30.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	385186	35.59	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	1465736	33.59	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	1723007	32.52	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	219579	26.93	ng/ul	0.00
58) Fluorene-d10	15.29	176	1284375	33.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	235264	28.01	ng/ul	0.00
71) Anthracene-d10	17.14	188	2144233	35.93	ng/ul	0.00
79) Pyrene-d10	19.44	212	2505876	38.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	2717007	37.72	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.25	88	34556	9.532	ng/uL 98
12) 2,2'-oxybis(1-Chloropropan	8.17	45	289557	19.105	ng/ul 99
20) Nitrobenzene	8.84	77	299273	19.895	ng/ul 99
23) 2-Nitrophenol	9.55	139	202135	26.880	ng/ul 97
25) Bis(2-Chloroethoxy)methane	9.85	93	292297	16.870	ng/ul 99
27) 2,4-Dichlorophenol	10.07	162	253601	19.966	ng/ul 99
28) Naphthalene	10.47	128	508593	11.938	ng/ul 100
33) 4-Chloro-3-methylphenol	11.72	107	961303	68.822	ng/ul 98
34) 2-Methylnaphthalene	12.09	142	946016	30.218	ng/ul 100
38) Hexachlorocyclopentadiene	12.43	237	282525	25.905	ng/ul 98
39) 2,4,6-Trichlorophenol	12.71	196	230120	21.207	ng/ul 100
42) 2-Chloronaphthalene	13.15	162	733321	22.294	ng/ul 99
46) 2,6-Dinitrotoluene	13.87	165	116806	13.765	ng/ul 97
48) Acenaphthylene	14.01	152	960603	19.316	ng/ul 99
50) Acenaphthene	14.35	153	540809	15.188	ng/ul 99
55) 2,4-Dinitrotoluene	14.67	165	451284	35.647	ng/ul 98
56) 2,3,4,6-Tetrachlorophenol	14.92	232	451100	41.734	ng/ul 99
59) Fluorene	15.34	166	597393	14.367	ng/ul 99
60) 4-Chlorophenyl-phenylether	15.34	204	507255	23.842	ng/ul 98
64) 4,6-Dinitro-2-methylphenol	15.43	198	773780	90.212	ng/ul 96
66) 4-Bromophenyl-phenylether	16.24	248	406061	29.996	ng/ul 95
67) Hexachlorobenzene	16.34	284	470012	30.775	ng/ul 95
70) Phenanthrene	17.08	178	1104544	15.956	ng/ul 100

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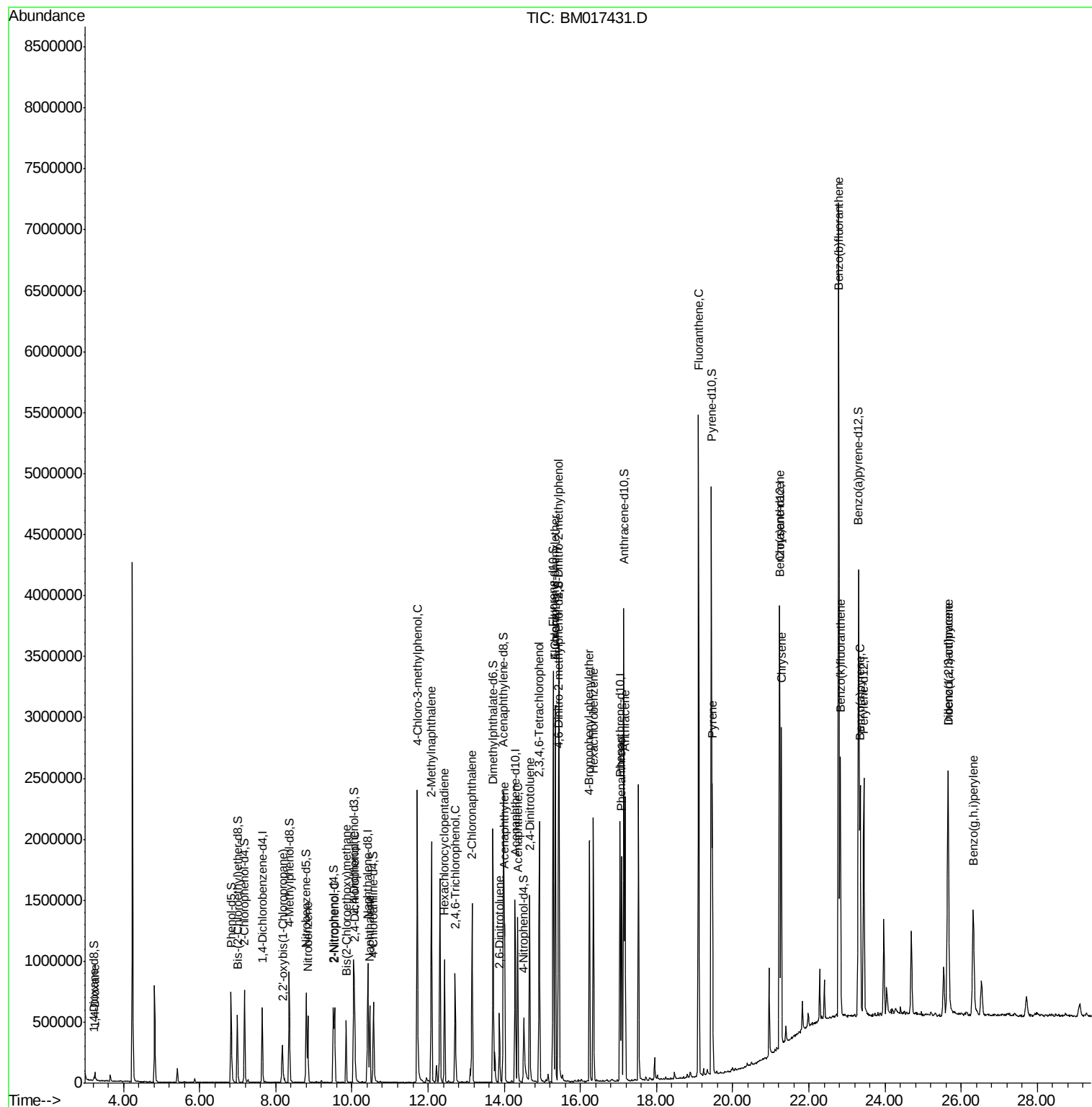
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) Anthracene	17.17	178	1361840	19.369	ng/ul	99
77) Fluoranthene	19.10	202	3323095	41.879	ng/ul	98
80) Pyrene	19.47	202	1388188	16.867	ng/ul	99
83) Benzo(a)anthracene	21.22	228	1356760	15.643	ng/ul	100
85) Chrysene	21.27	228	1278851	15.506	ng/ul	99
88) Benzo(b)fluoranthene	22.79	252	4220561	52.865	ng/ul	99
89) Benzo(k)fluoranthene	22.83	252	1296706	16.628	ng/ul	99
91) Benzo(a)pyrene	23.34	252	1041543	13.354	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.65	276	1387493	14.621	ng/ul	98
93) Dibenzo(a,h)anthracene	25.66	278	1371253	17.304	ng/ul	98
94) Benzo(a,h,i)perylene	26.32	276	1217631	15.104	ng/ul	97

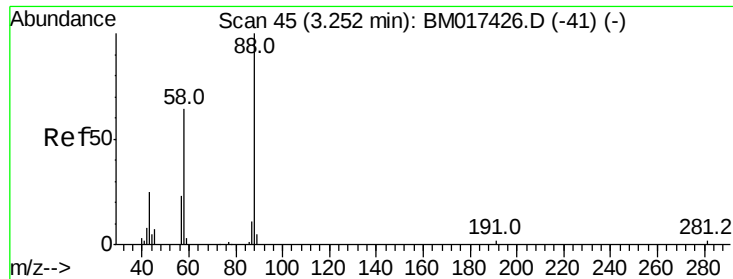
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 9.532 ng/uL

RT: 3.25 min Scan# 45

Delta R.T. -0.00 min

Lab File: BM017431.D

Acq: 31 Oct 2018 15:56

Instrument :

BNA_M

ClientSampleId :

A40D1

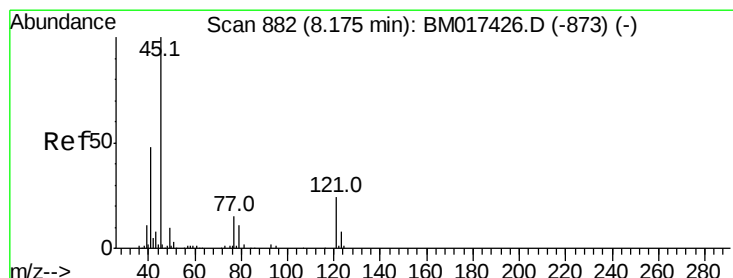
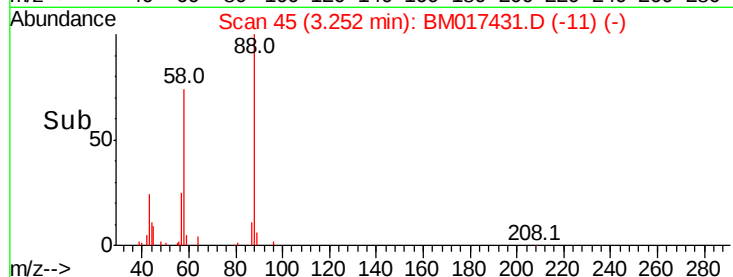
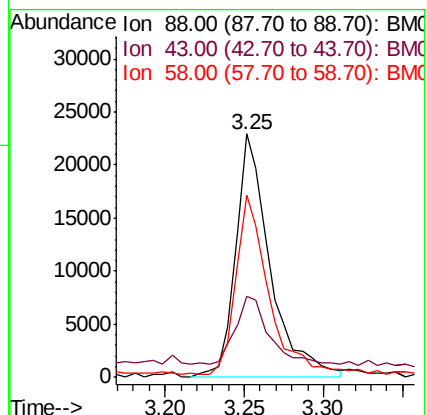
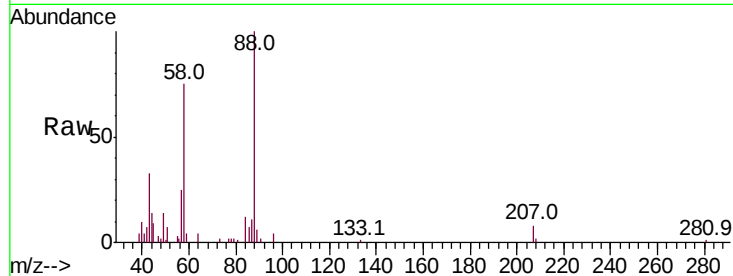
Tot Ion: 88 Resp: 34556

Ion Ratio Lower Upper

88 100

43 33.4 25.9 38.9

58 74.7 58.6 87.8



#12

2,2'-oxybis(1-Chloropropane)

Concen: 19.105 ng/uL

RT: 8.17 min Scan# 882

Delta R.T. -0.00 min

Lab File: BM017431.D

Acq: 31 Oct 2018 15:56

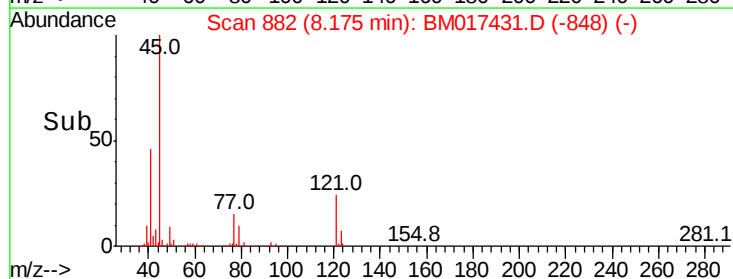
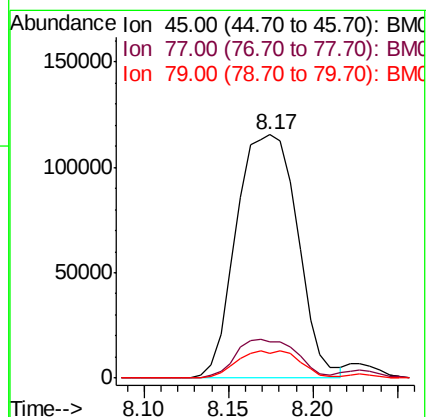
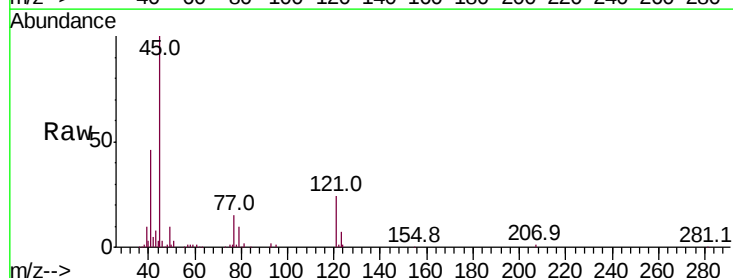
Tgt Ion: 45 Resp: 289557

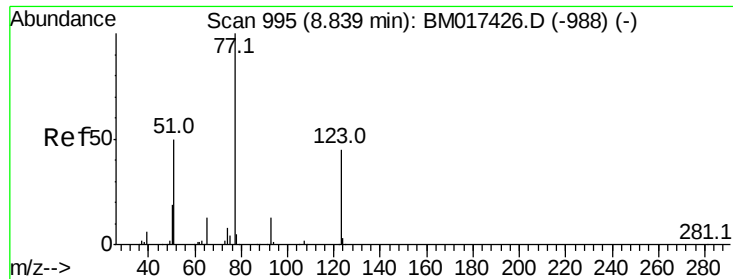
Ion Ratio Lower Upper

45 100

77 15.1 11.7 17.5

79 10.4 8.6 12.8

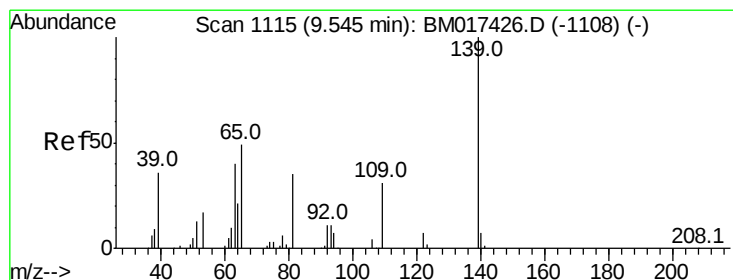
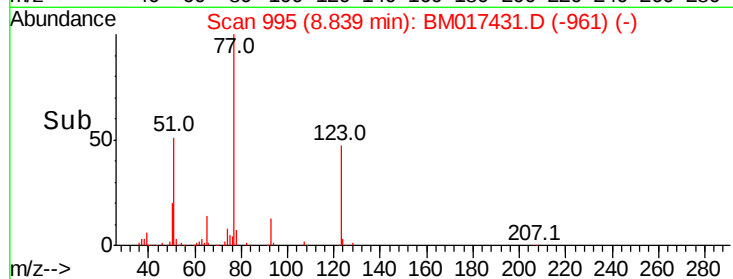
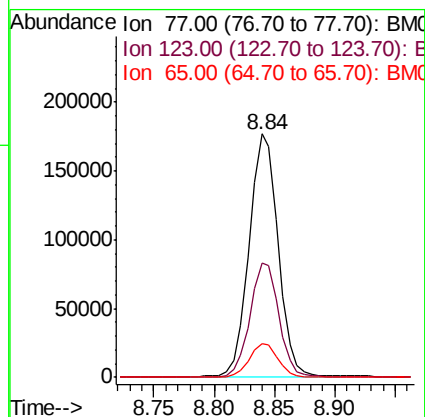
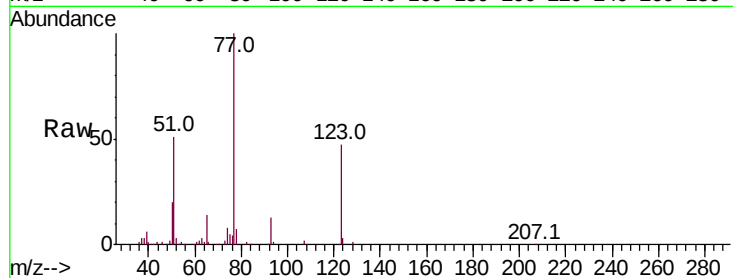




#20
Nitrobenzene
Concen: 19.895 ng/ul
RT: 8.84 min Scan# 995
Delta R.T. -0.00 min
Lab File: BM017431.D
Acq: 31 Oct 2018 15:56

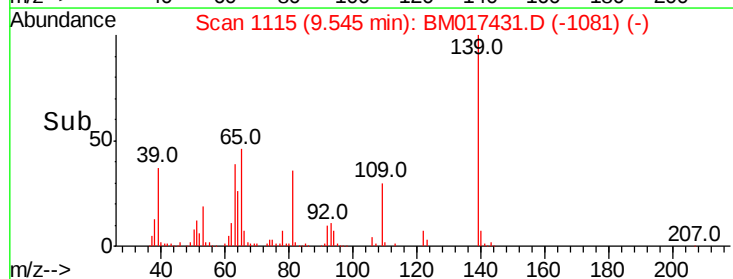
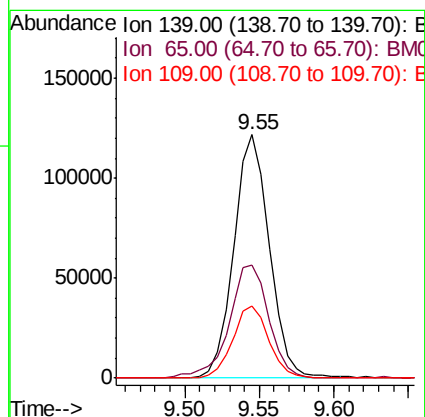
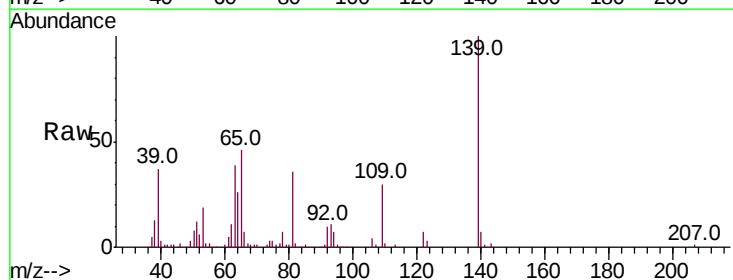
Instrument :
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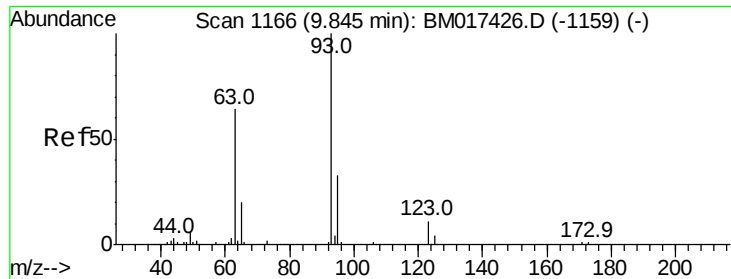
Tot Ion	Ratio	Lower	Upper
77	100		
123	46.9	37.0	55.6
65	13.8	10.7	16.1



#23
2-Nitrophenol
Concen: 26.880 ng/ul
RT: 9.55 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BM017431.D
Acq: 31 Oct 2018 15:56

Tgt Ion	Ratio	Lower	Upper
139	100		
65	46.5	38.6	57.8
109	29.8	25.0	37.6





#25

Bis(2-Chloroethoxy)methane

Concen: 16.870 ng/ul

RT: 9.85 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BM017431.D

Acq: 31 Oct 2018 15:56

Instrument :

BNA_M

ClientSampleId :

A40D1

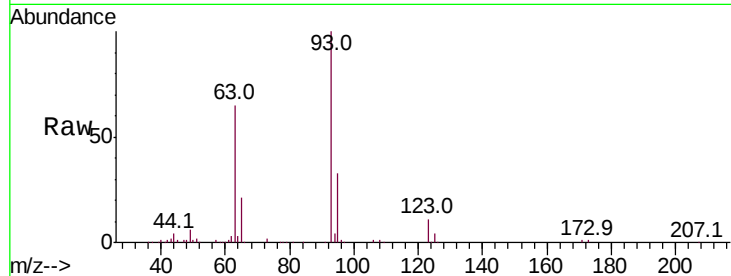
Tot Ion: 93 Resp: 292297

Ion Ratio Lower Upper

93 100

95 33.3 26.1 39.1

123 10.9 9.1 13.7

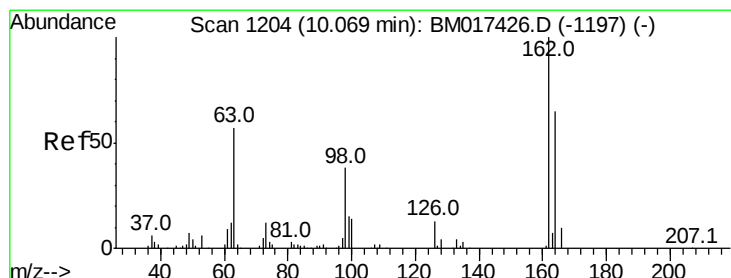
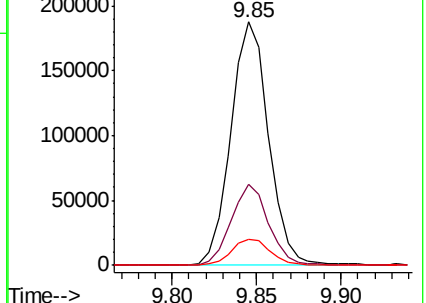
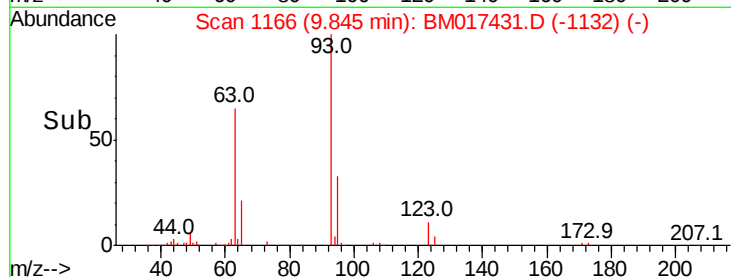


Abundance Ion 93.00 (92.70 to 93.70): BM017426.D (-1159) (-)

Ion 95.00 (94.70 to 95.70): BM017426.D (-1159) (-)

Ion 123.00 (122.70 to 123.70): BM017426.D (-1159) (-)

Time-->



#27

2,4-Dichlorophenol

Concen: 19.966 ng/ul

RT: 10.07 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BM017431.D

Acq: 31 Oct 2018 15:56

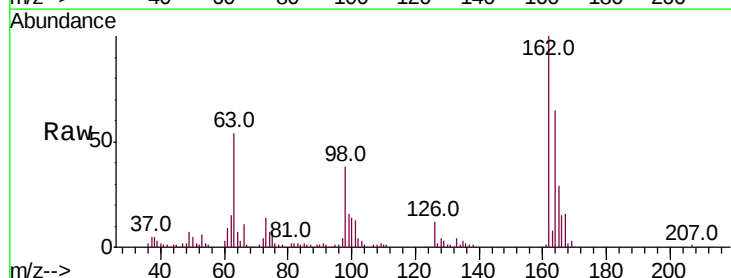
Tgt Ion:162 Resp: 253601

Ion Ratio Lower Upper

162 100

164 65.3 51.4 77.0

98 37.5 29.4 44.0

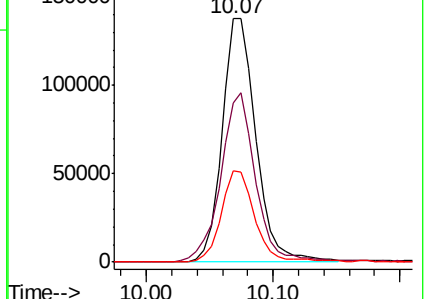
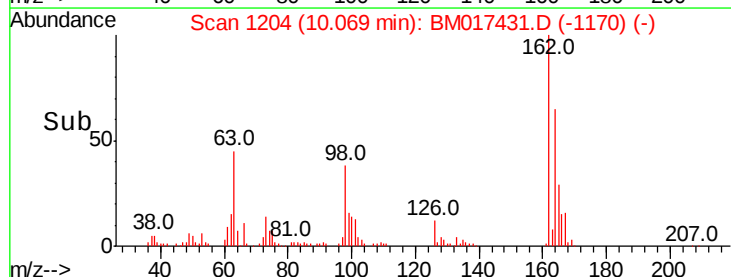


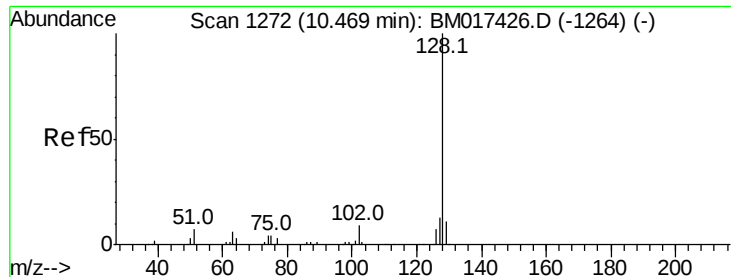
Abundance Ion 162.00 (161.70 to 162.70): BM017426.D (-1197) (-)

Ion 164.00 (163.70 to 164.70): BM017426.D (-1197) (-)

Ion 98.00 (97.70 to 98.70): BM017426.D (-1197) (-)

Time-->

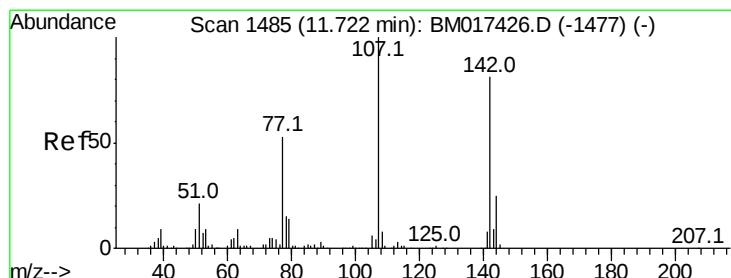
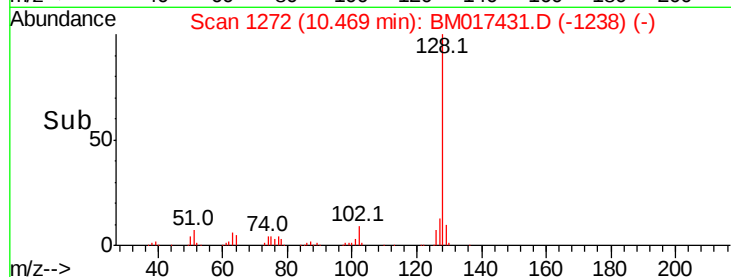
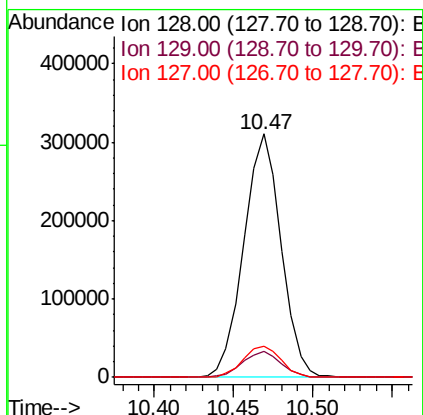
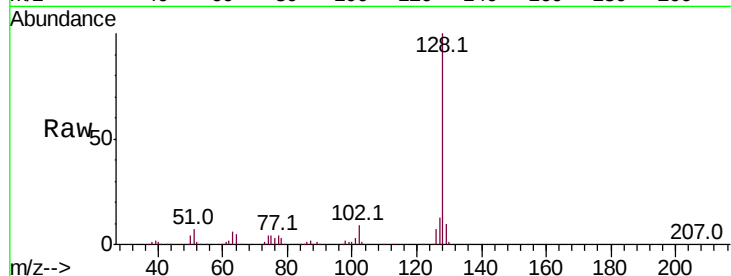




#28
Naphthalene
Concen: 11.938 ng/ul
RT: 10.47 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BM017431.D
Acq: 31 Oct 2018 15:56

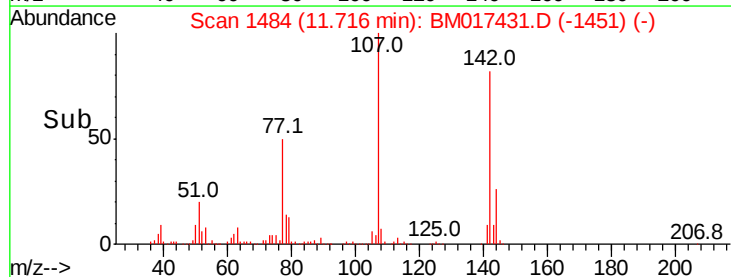
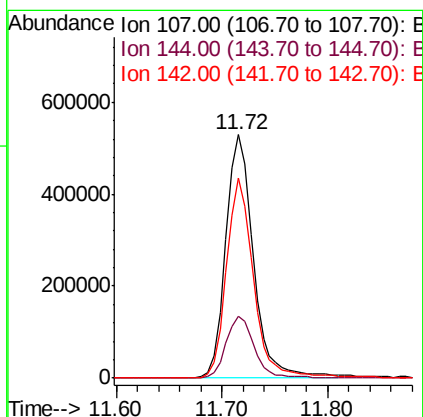
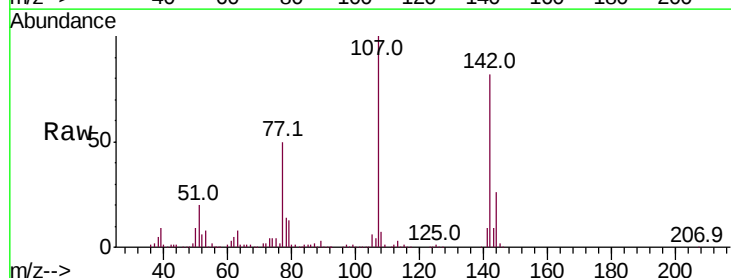
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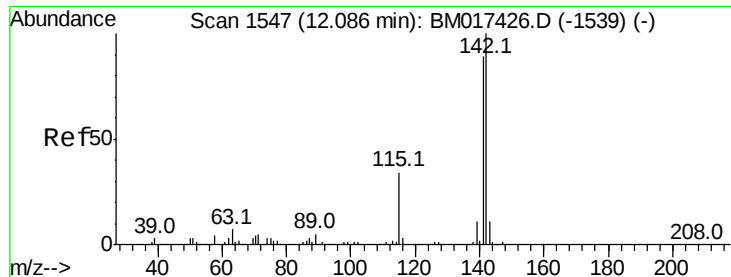
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	12.8
127	12.8	10.3	15.5



#33
4-Chloro-3-methylphenol
Concen: 68.822 ng/ul
RT: 11.72 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BM017431.D
Acq: 31 Oct 2018 15:56

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	21.8	32.6
142	82.3	65.0	97.4

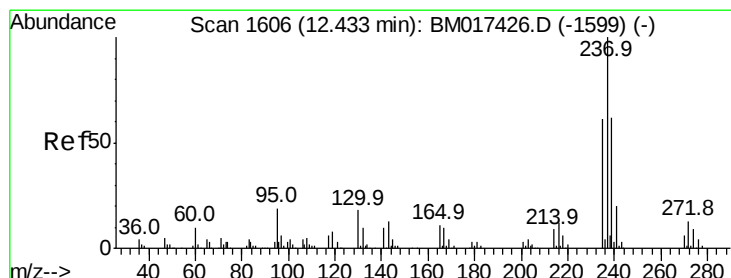
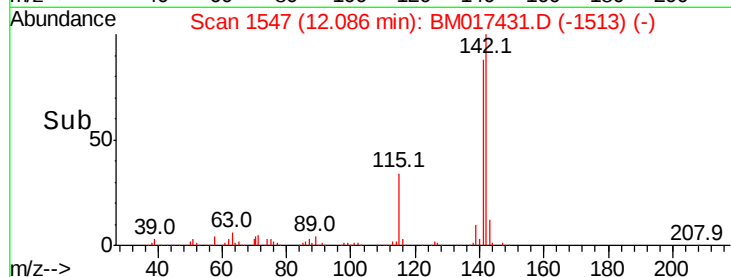
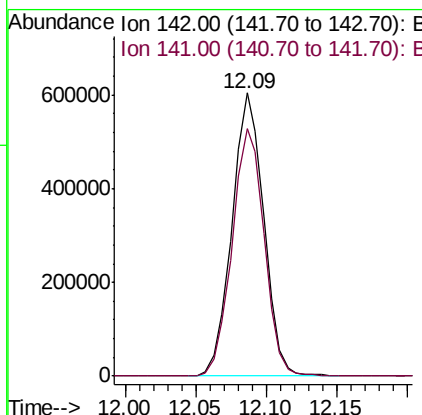
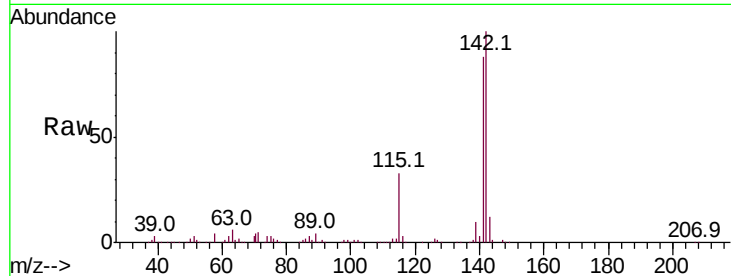




#34
2-Methylnaphthalene
Concen: 30.218 ng/ul
RT: 12.09 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BM017431.D
Acq: 31 Oct 2018 15:56

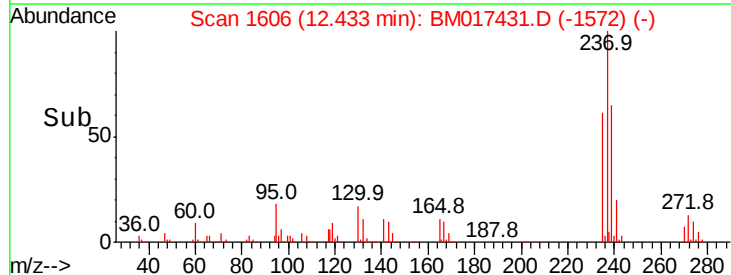
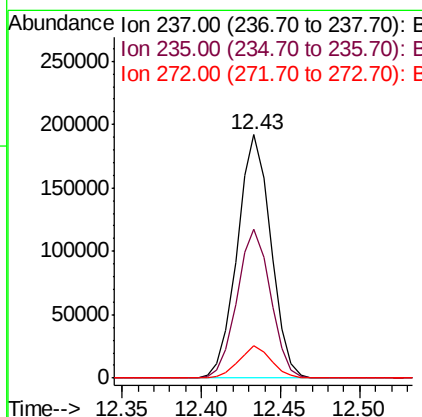
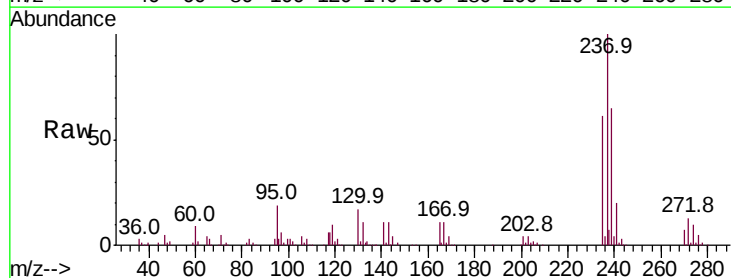
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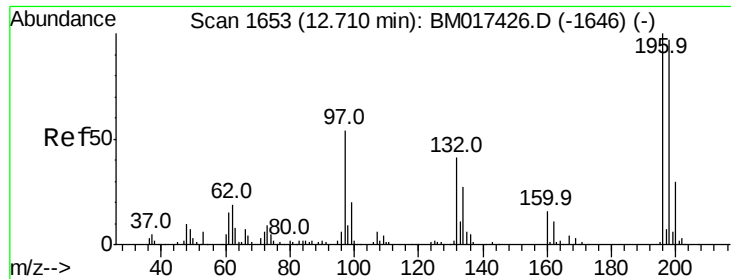
Tot Ion:142 Resp: 946016
Ion Ratio Lower Upper
142 100
141 87.5 70.4 105.6



#38
Hexachlorocyclopentadiene
Concen: 25.905 ng/ul
RT: 12.43 min Scan# 1606
Delta R.T. -0.00 min
Lab File: BM017431.D
Acq: 31 Oct 2018 15:56

Tgt Ion:237 Resp: 282525
Ion Ratio Lower Upper
237 100
235 61.2 50.2 75.4
272 13.2 10.5 15.7

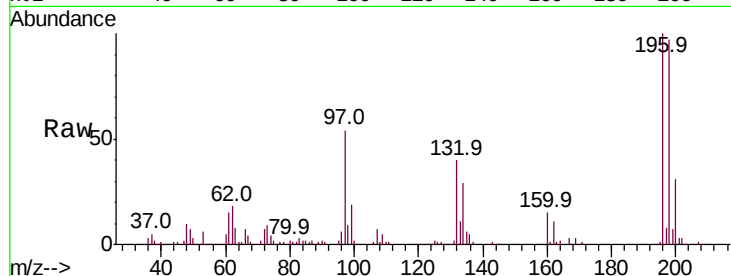




#39
 2,4,6-Trichlorophenol
 Concen: 21.207 ng/ul
 RT: 12.71 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: BM017431.D
 Acq: 31 Oct 2018 15:56

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Tot Ion	Ratio	Lower	Upper
196	100		
198	96.7	77.0	115.4
200	31.4	25.2	37.8

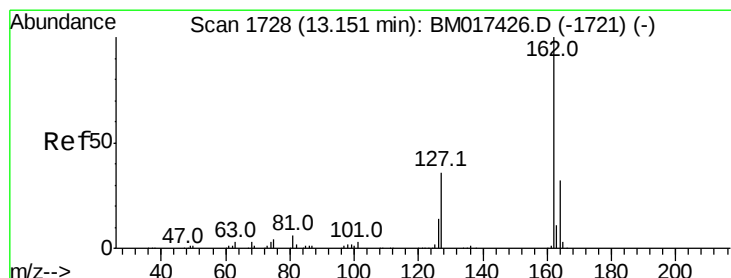
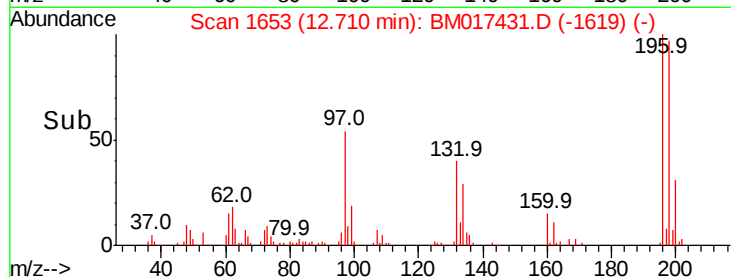
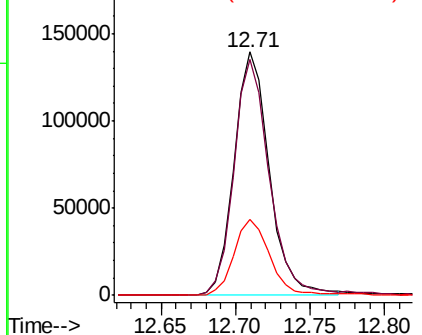


Abundance

Ion 196.00 (195.70 to 196.70): E

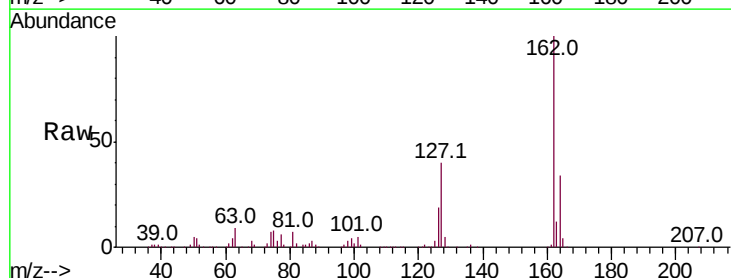
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#42
 2-Chloronaphthalene
 Concen: 22.294 ng/ul
 RT: 13.15 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BM017431.D
 Acq: 31 Oct 2018 15:56

Tgt Ion	Ratio	Lower	Upper
162	100		
164	33.8	26.2	39.4
127	39.8	32.2	48.2

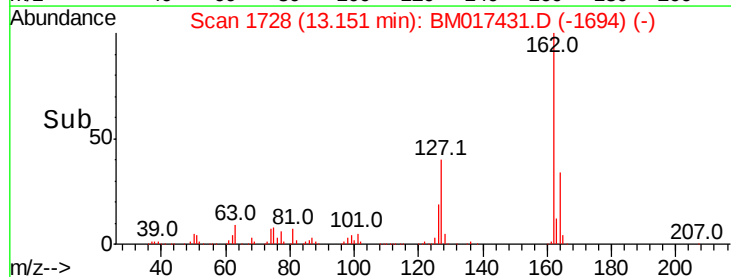
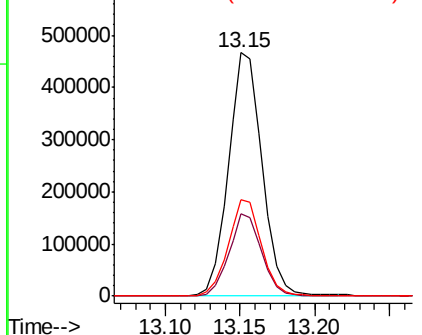


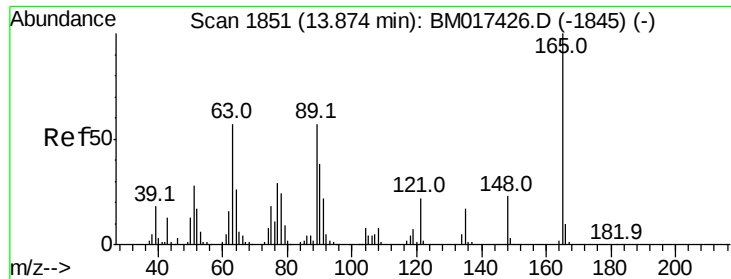
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E

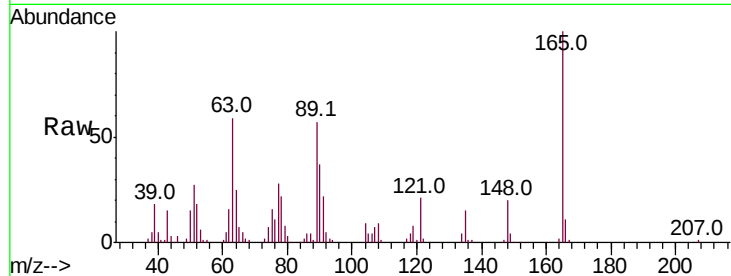




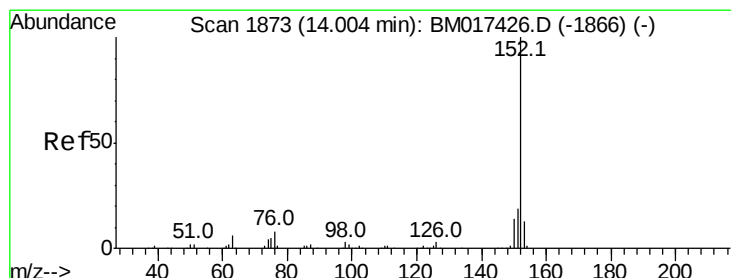
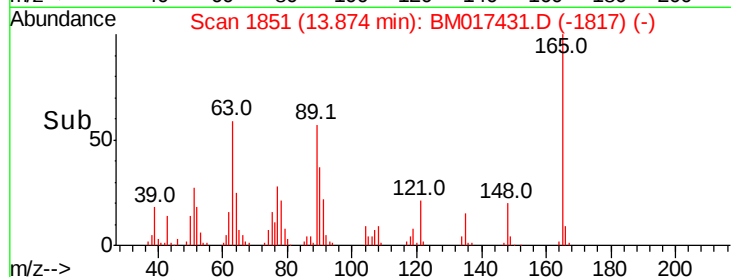
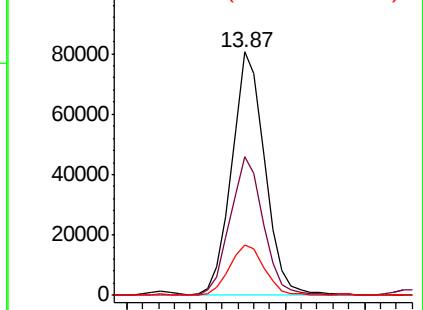
#46
 2,6-Dinitrotoluene
 Concen: 13.765 ng/ul
 RT: 13.87 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BM017431.D
 Acq: 31 Oct 2018 15:56

Instrument :
 BNA_M
 ClientSampleId :
 A40D1

Tot Ion	Ratio	Lower	Upper
165	100		
89	57.2	44.0	66.0
121	20.7	17.8	26.8

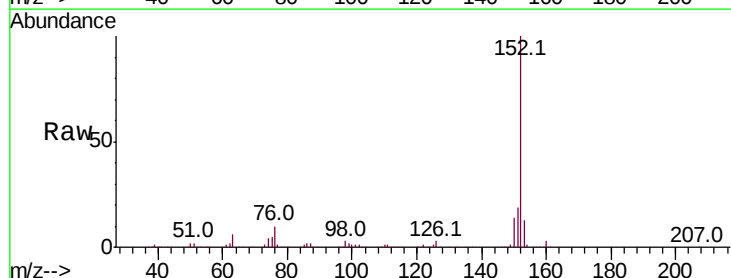


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BM0
 Ion 121.00 (120.70 to 121.70): E

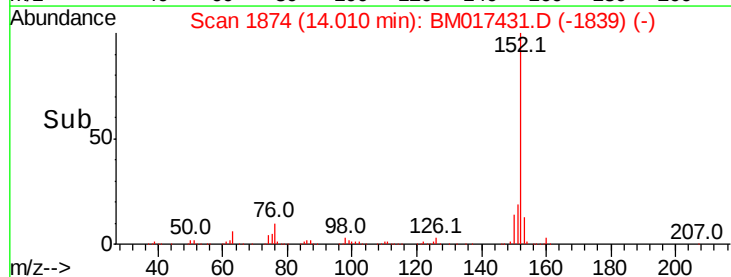
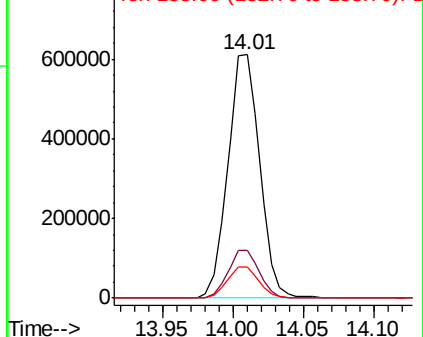


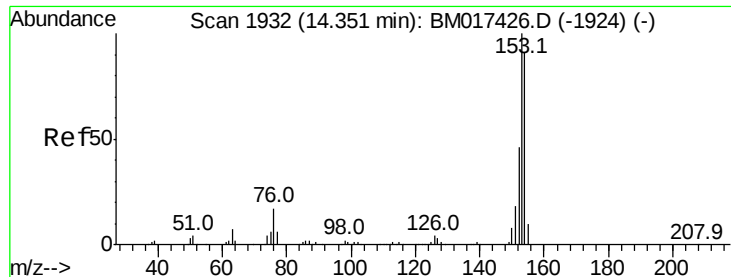
#48
 Acenaphthylene
 Concen: 19.316 ng/ul
 RT: 14.01 min Scan# 1874
 Delta R.T. 0.01 min
 Lab File: BM017431.D
 Acq: 31 Oct 2018 15:56

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.3	22.9
153	12.8	10.2	15.4



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





#50

Acenaphthene

Concen: 15.188 ng/ul

RT: 14.35 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BM017431.D

Acq: 31 Oct 2018 15:56

Instrument :

BNA_M

ClientSampleId :

A40D1

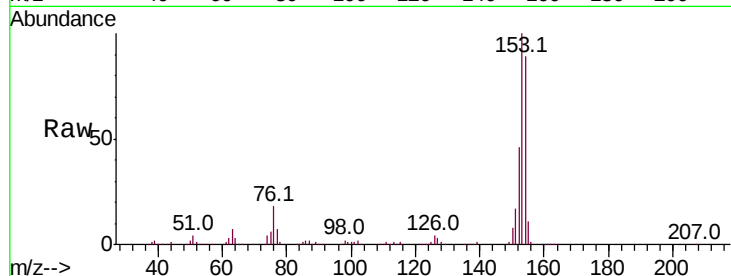
Tot Ion:153 Resp: 540809

Ion Ratio Lower Upper

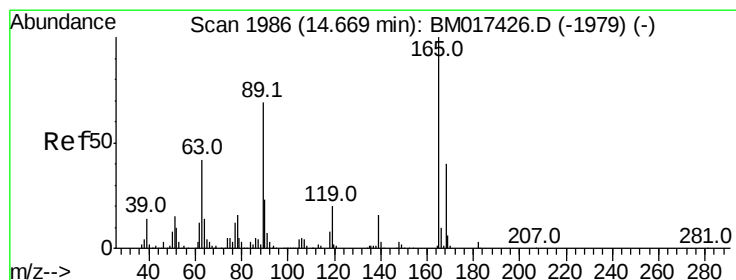
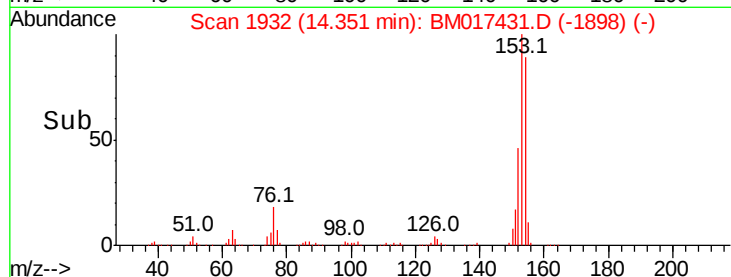
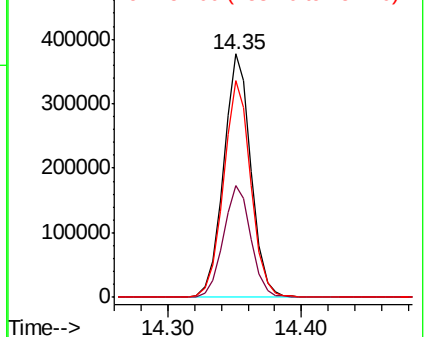
153 100

152 46.0 36.9 55.3

154 88.8 72.2 108.4



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#55

2,4-Dinitrotoluene

Concen: 35.647 ng/ul

RT: 14.67 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BM017431.D

Acq: 31 Oct 2018 15:56

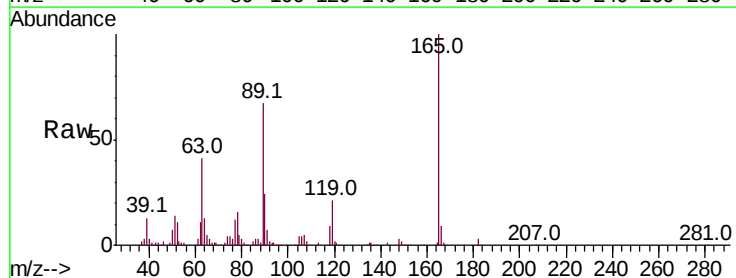
Tgt Ion:165 Resp: 451284

Ion Ratio Lower Upper

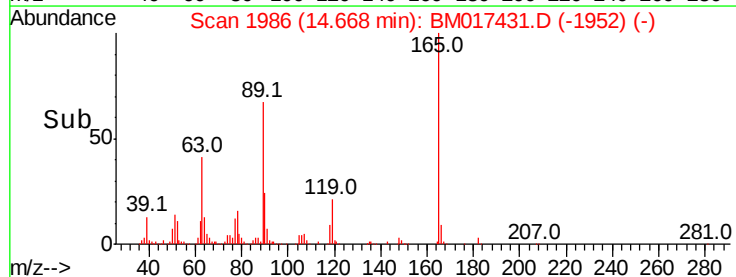
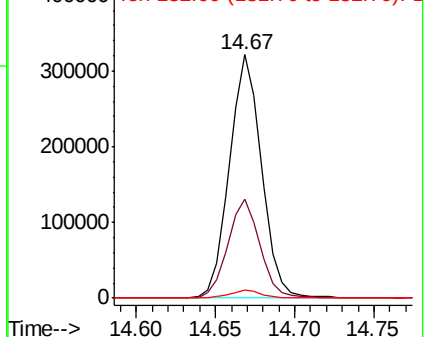
165 100

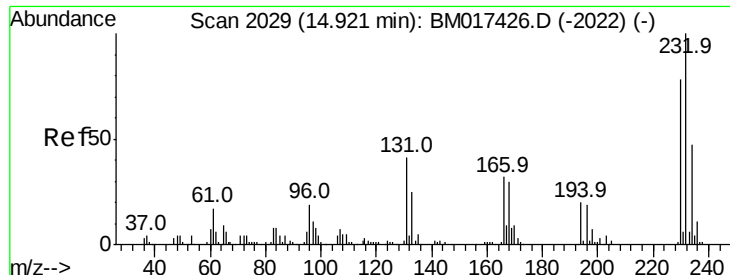
63 40.8 33.9 50.9

182 3.1 2.2 3.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 182.00 (181.70 to 182.70): E

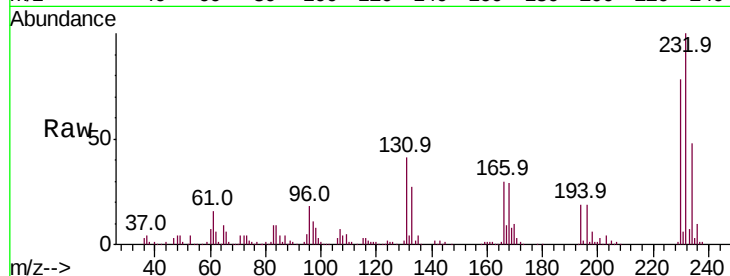




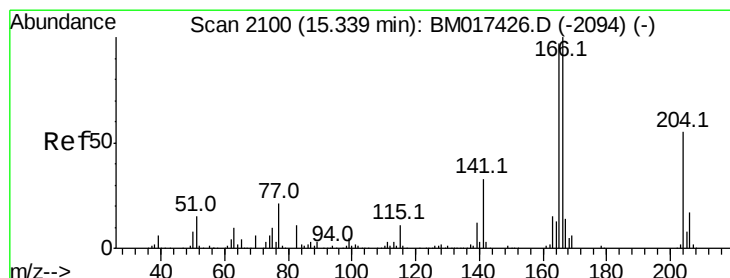
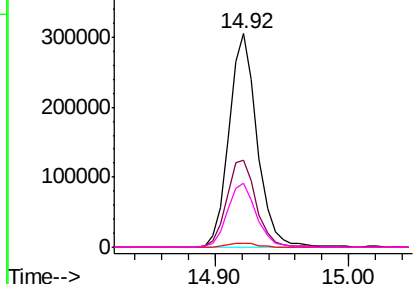
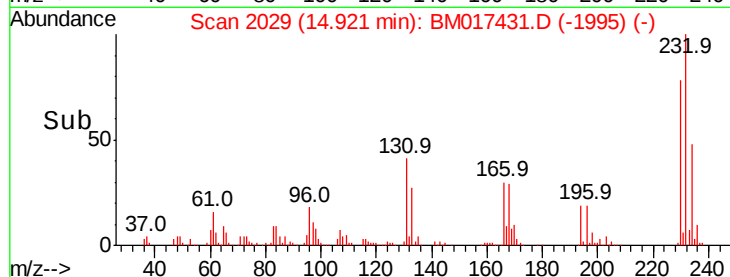
#56
 2,3,4,6-Tetrachlorophenol
 Concen: 41.734 ng/ul
 RT: 14.92 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BM017431.D
 Acq: 31 Oct 2018 15:56

Instrument :
 BNA_M
 ClientSampleId :
 A40D1

Tot Ion:	232	Resp:	451100
Ion	Ratio	Lower	Upper
232	100		
131	40.8	33.0	49.4
130	2.0	1.9	2.9
166	29.8	24.6	37.0

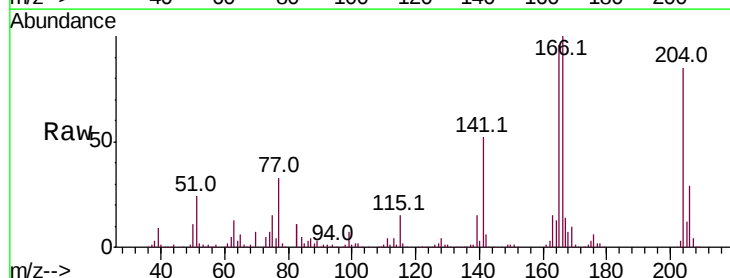


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

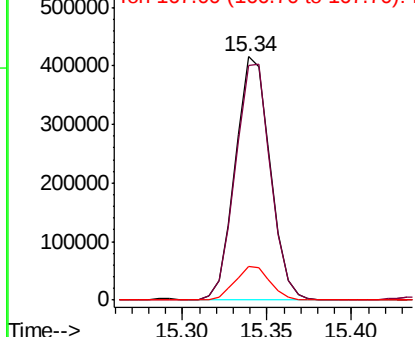
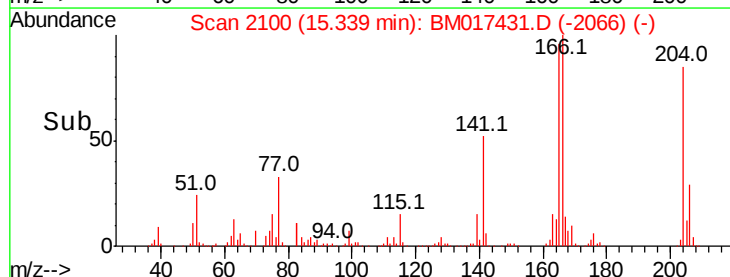


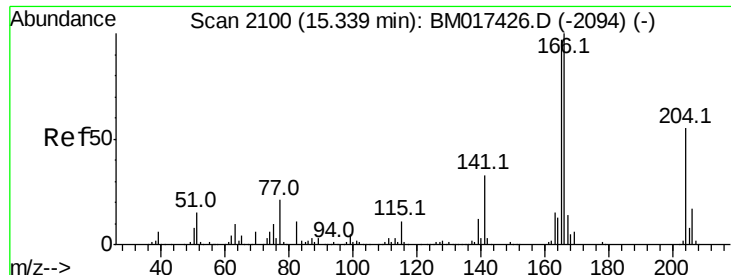
#59
 Fluorene
 Concen: 14.367 ng/ul
 RT: 15.34 min Scan# 2100
 Delta R.T. -0.00 min
 Lab File: BM017431.D
 Acq: 31 Oct 2018 15:56

Tgt Ion:	166	Resp:	597393
Ion	Ratio	Lower	Upper
166	100		
165	96.5	77.5	116.3
167	13.9	10.8	16.2



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

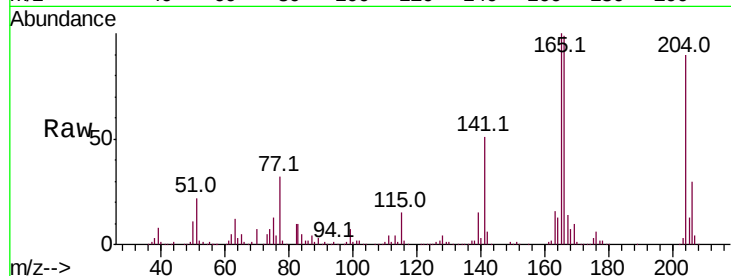




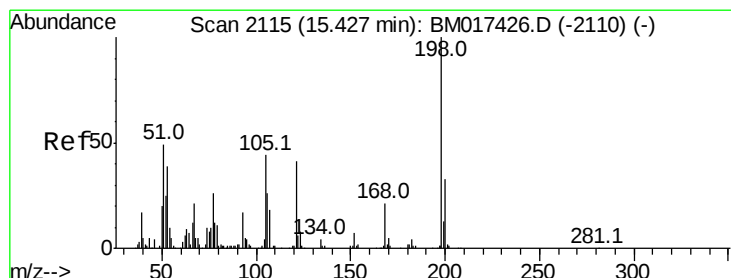
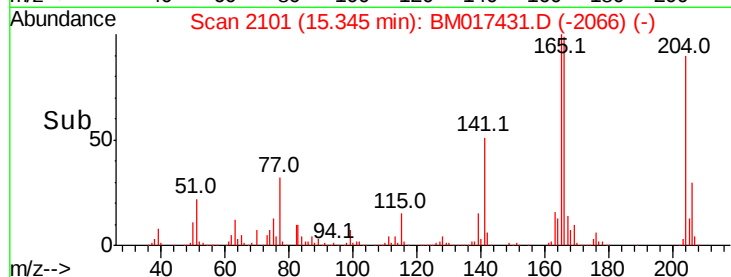
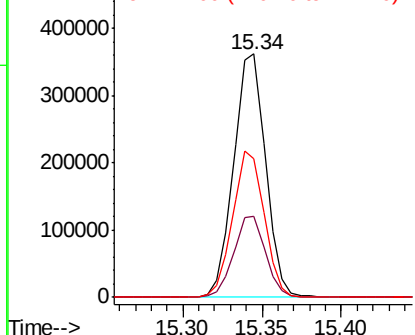
#60
 4-Chlorophenyl-phenylether
 Concen: 23.842 ng/ul
 RT: 15.34 min Scan# 2101
 Delta R.T. 0.01 min
 Lab File: BM017431.D
 Acq: 31 Oct 2018 15:56

Instrument :
 BNA_M
 ClientSampleId :
 A40D1

Tot Ion:204 Resp: 507255
 Ion Ratio Lower Upper
 204 100
 206 33.2 25.9 38.9
 141 57.2 47.4 71.0

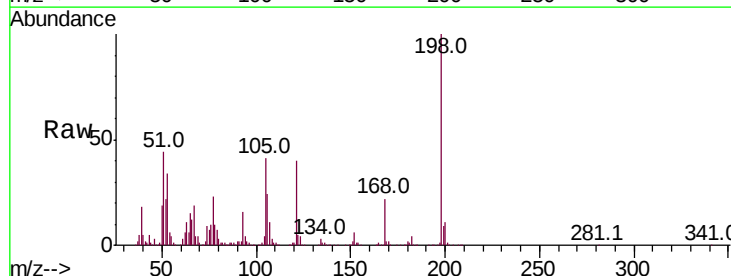


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

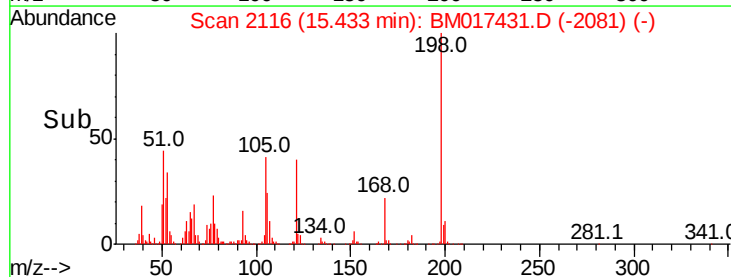
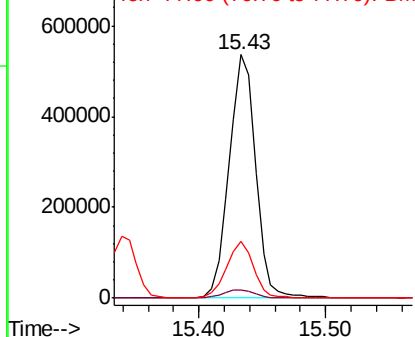


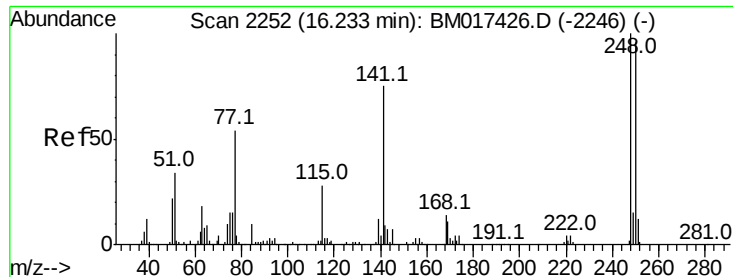
#64
 4,6-Dinitro-2-methylphenol
 Concen: 90.212 ng/ul
 RT: 15.43 min Scan# 2116
 Delta R.T. 0.01 min
 Lab File: BM017431.D
 Acq: 31 Oct 2018 15:56

Tgt Ion:198 Resp: 773780
 Ion Ratio Lower Upper
 198 100
 182 3.6 3.5 5.3
 77 23.4 20.3 30.5



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BM

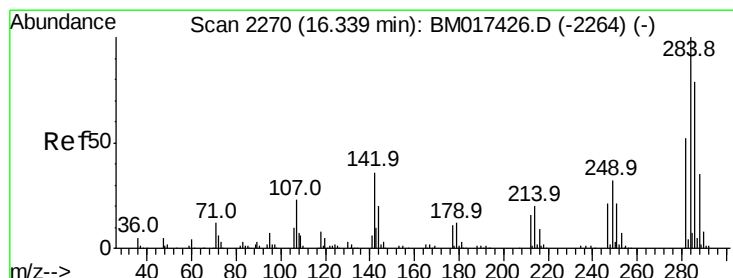
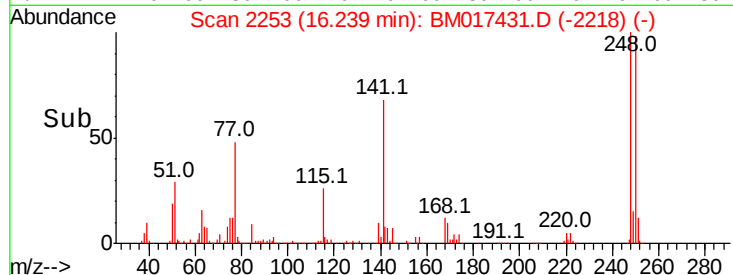
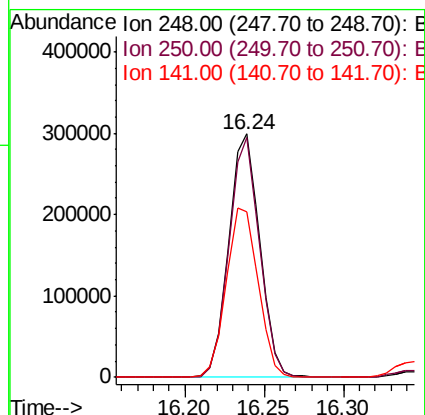
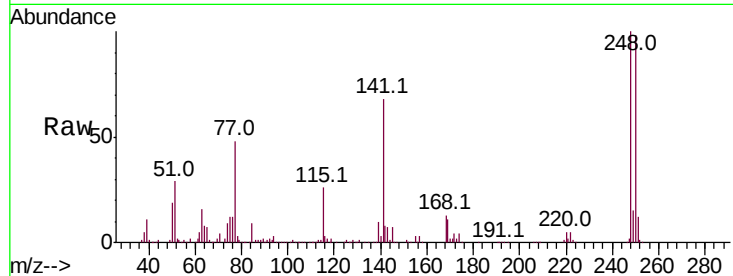




#66
4-Bromophenyl-phenylether
Concen: 29.996 ng/ul
RT: 16.24 min Scan# 2253
Delta R.T. 0.01 min
Lab File: BM017431.D
Acq: 31 Oct 2018 15:56

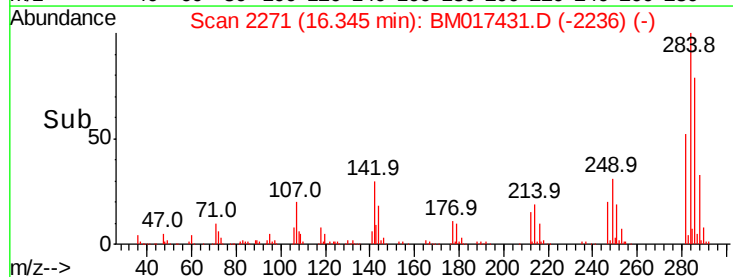
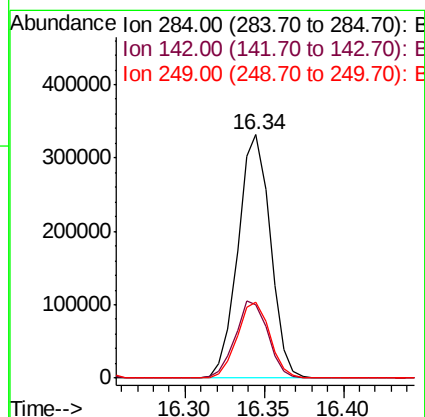
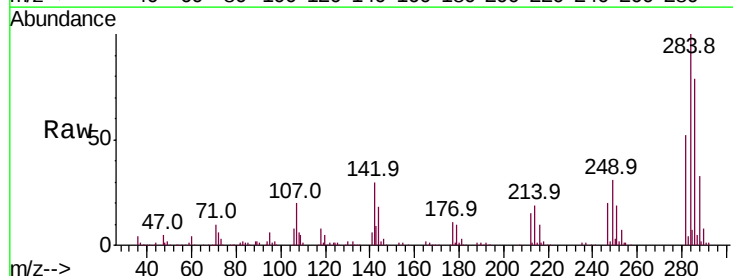
Instrument :
BNA_M
ClientSampleId :
A40D1

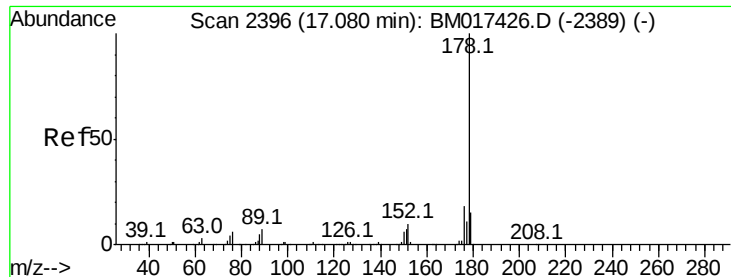
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	80.0	120.0
141	68.0	60.6	91.0



#67
Hexachlorobenzene
Concen: 30.775 ng/ul
RT: 16.34 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BM017431.D
Acq: 31 Oct 2018 15:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.4	28.0	42.0
249	31.4	25.8	38.6





#70

Phenanthrene

Concen: 15.956 ng/ul

RT: 17.08 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BM017431.D

Acq: 31 Oct 2018 15:56

Instrument :

BNA_M

ClientSampleId :

A40D1

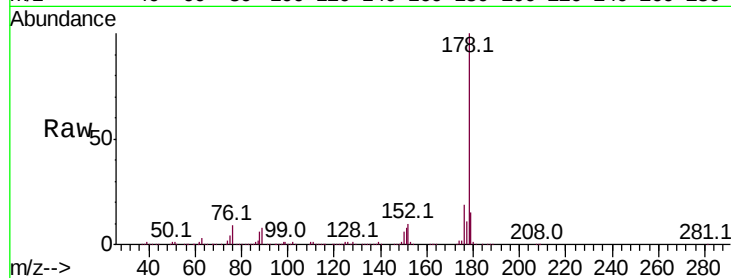
Tot Ion:178 Resp: 1104544

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

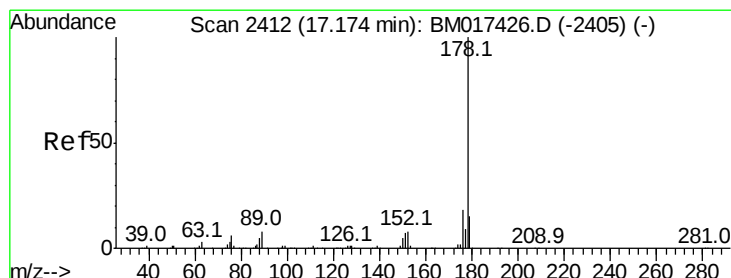
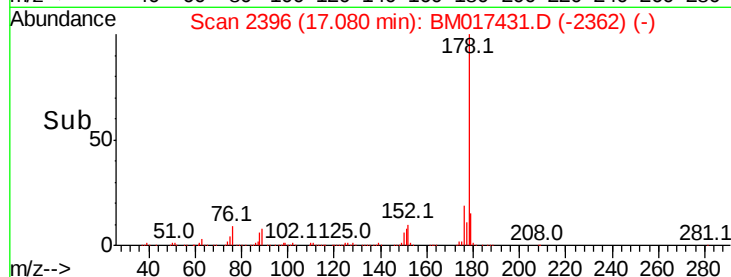
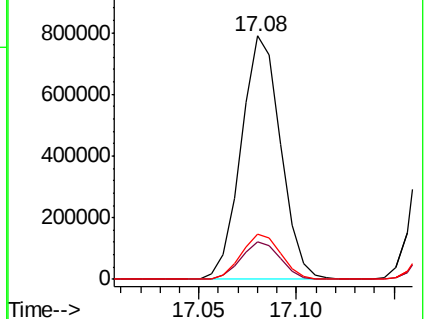
176 18.8 14.9 22.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 19.369 ng/ul

RT: 17.17 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BM017431.D

Acq: 31 Oct 2018 15:56

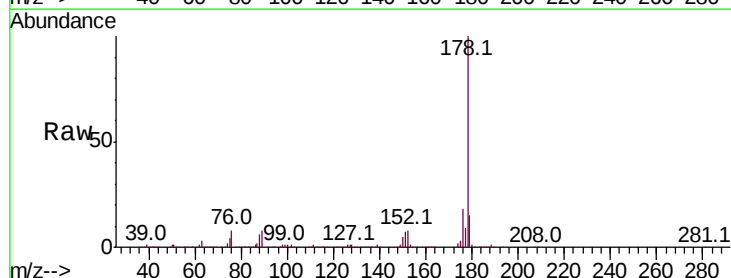
Tgt Ion:178 Resp: 1361840

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.2

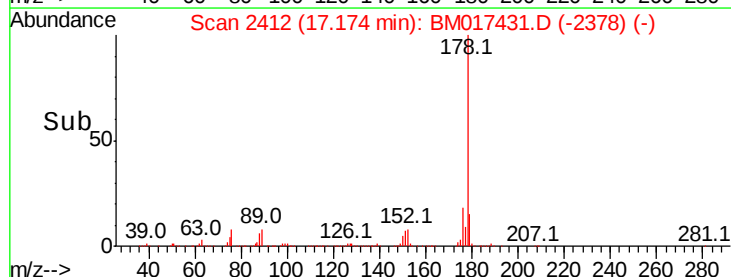
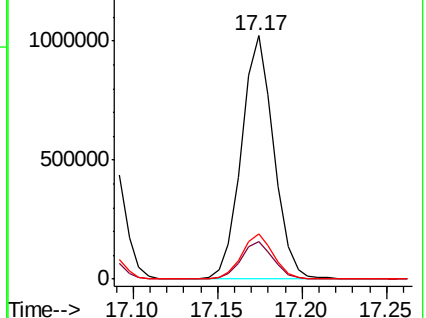
176 18.4 14.2 21.2

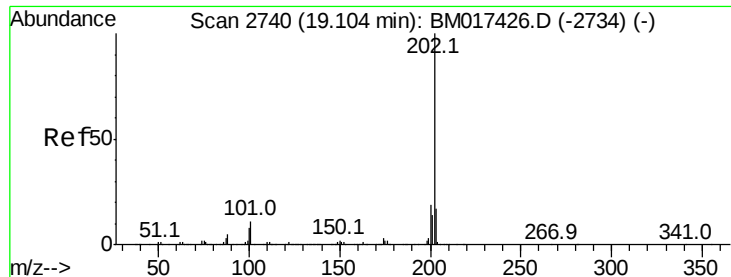


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

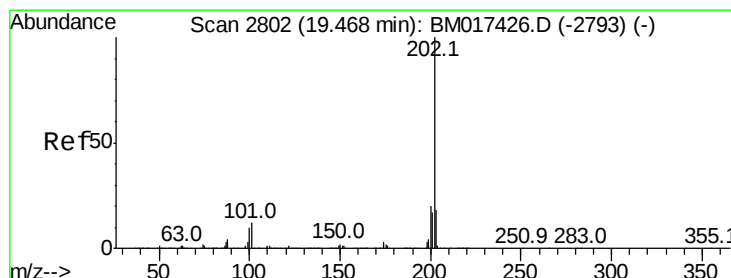
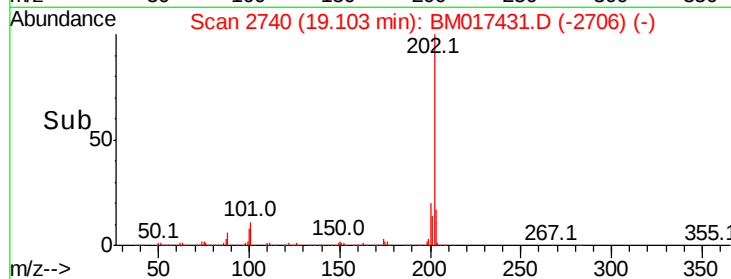
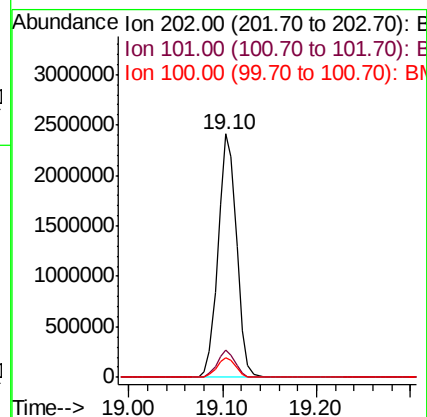
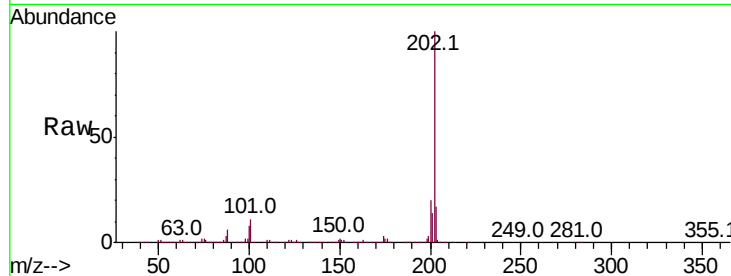




#77
 Fluoranthene
 Concen: 41.879 ng/ul
 RT: 19.10 min Scan# 2740
 Delta R.T. -0.00 min
 Lab File: BM017431.D
 Acq: 31 Oct 2018 15:56

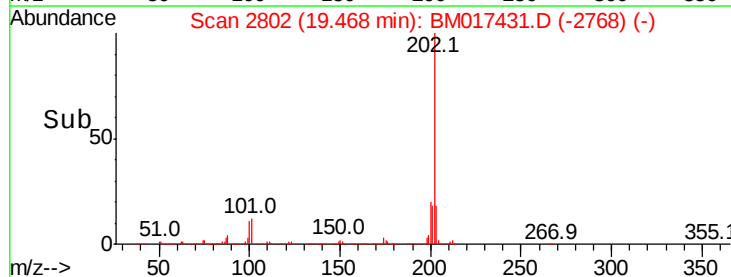
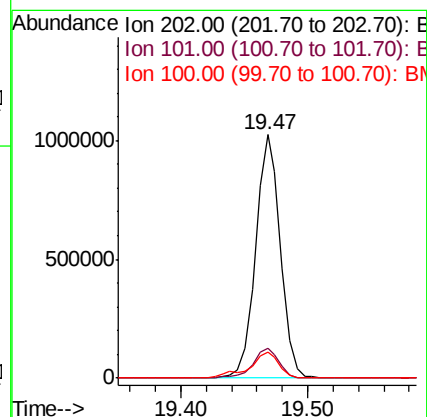
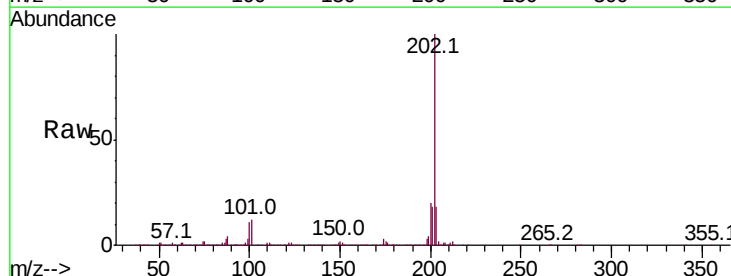
Instrument :
 BNA_M
 ClientSampleId :
 A40D1

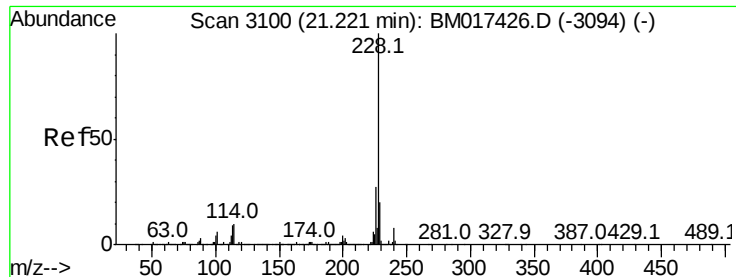
Tot Ion:202 Resp: 3323095
 Ion Ratio Lower Upper
 202 100
 101 11.1 8.2 12.4
 100 8.3 6.3 9.5



#80
 Pyrene
 Concen: 16.867 ng/ul
 RT: 19.47 min Scan# 2802
 Delta R.T. -0.00 min
 Lab File: BM017431.D
 Acq: 31 Oct 2018 15:56

Tgt Ion:202 Resp: 1388188
 Ion Ratio Lower Upper
 202 100
 101 12.5 9.5 14.3
 100 10.6 8.1 12.1

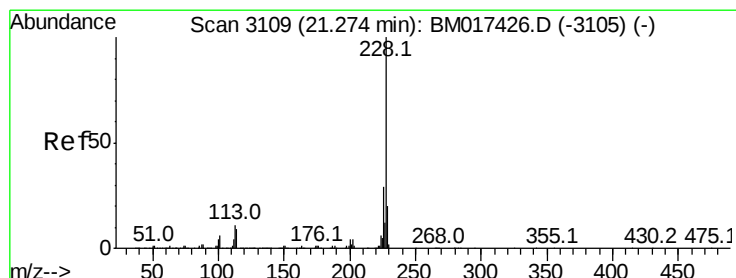
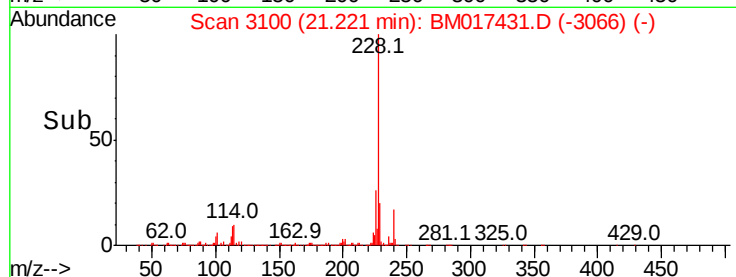
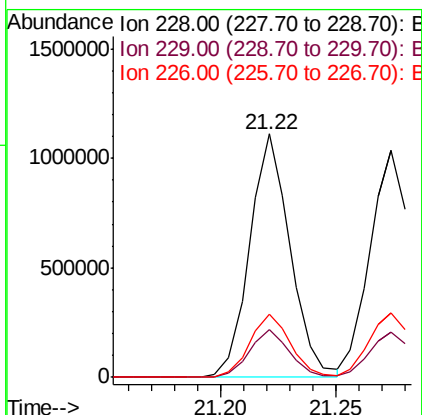
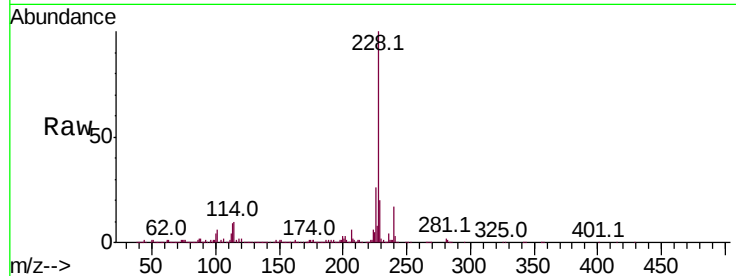




#83
Benzo(a)anthracene
Concen: 15.643 ng/ul
RT: 21.22 min Scan# 3100
Delta R.T. -0.00 min
Lab File: BM017431.D
Acq: 31 Oct 2018 15:56

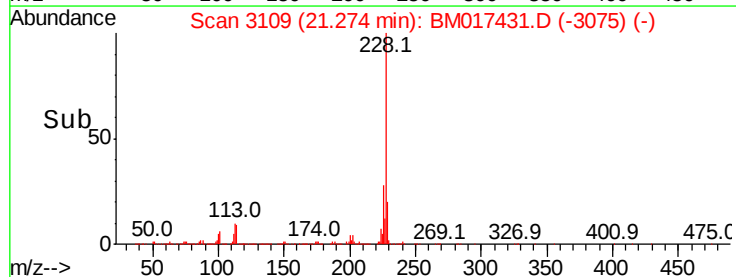
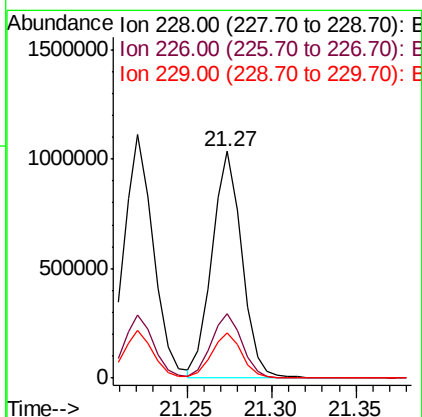
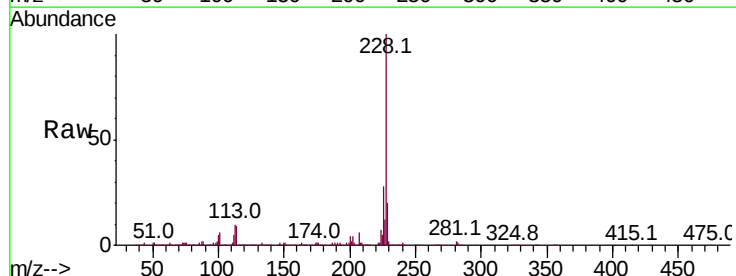
Instrument :
BNA_M
ClientSampleId :
A40D1

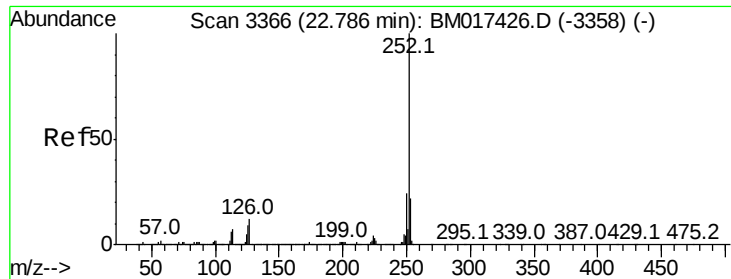
Tot Ion:228 Resp: 1356760
Ion Ratio Lower Upper
228 100
229 19.6 15.6 23.4
226 26.2 20.8 31.2



#85
Chrysene
Concen: 15.506 ng/ul
RT: 21.27 min Scan# 3109
Delta R.T. -0.00 min
Lab File: BM017431.D
Acq: 31 Oct 2018 15:56

Tgt Ion:228 Resp: 1278851
Ion Ratio Lower Upper
228 100
226 28.3 23.3 34.9
229 19.8 15.6 23.4





#88

Benzo(b)fluoranthene

Concen: 52.865 ng/ul

RT: 22.79 min Scan# 3366

Delta R.T. -0.00 min

Lab File: BM017431.D

Acq: 31 Oct 2018 15:56

Instrument :

BNA_M

ClientSampleId :

A40D1

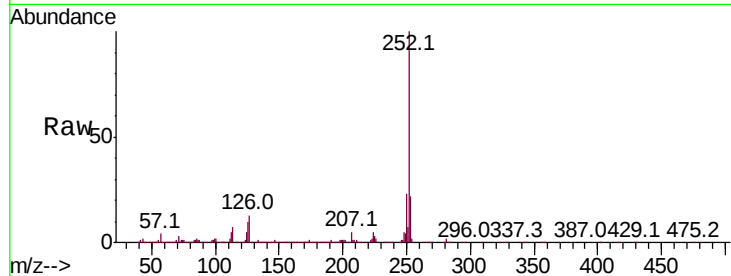
Tot Ion:252 Resp: 4220561

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

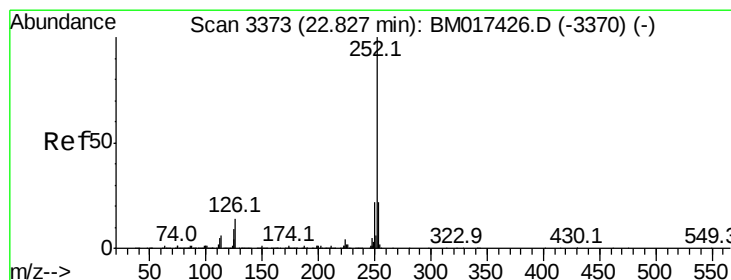
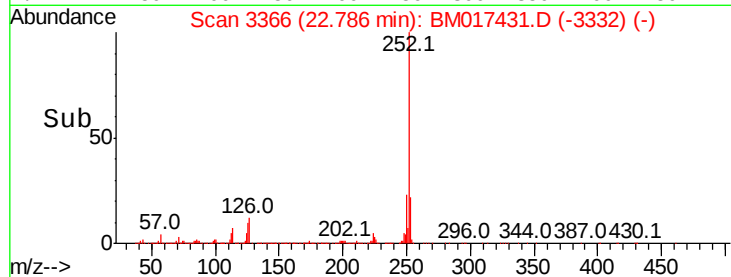
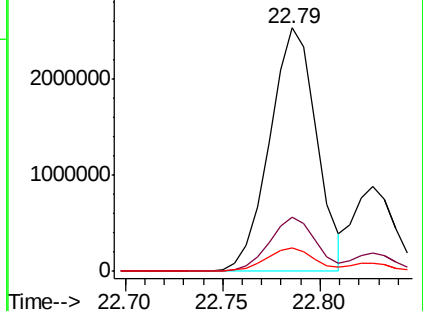
125 9.7 7.2 10.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 16.628 ng/ul

RT: 22.83 min Scan# 3373

Delta R.T. -0.00 min

Lab File: BM017431.D

Acq: 31 Oct 2018 15:56

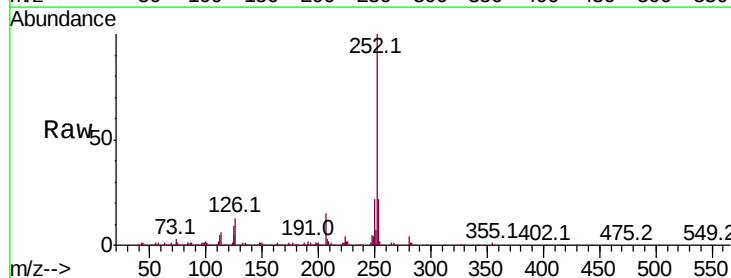
Tgt Ion:252 Resp: 1296706

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

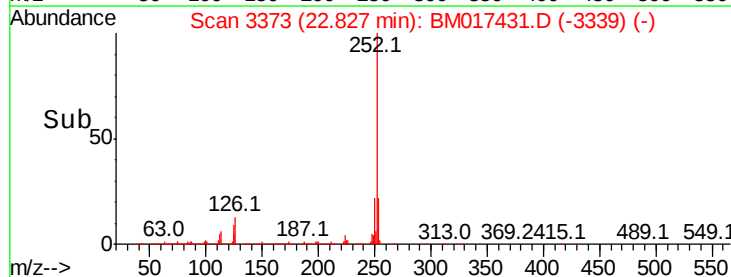
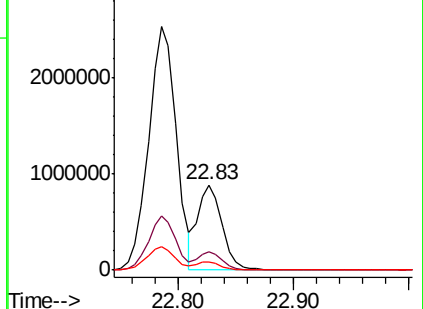
125 9.2 7.8 11.6

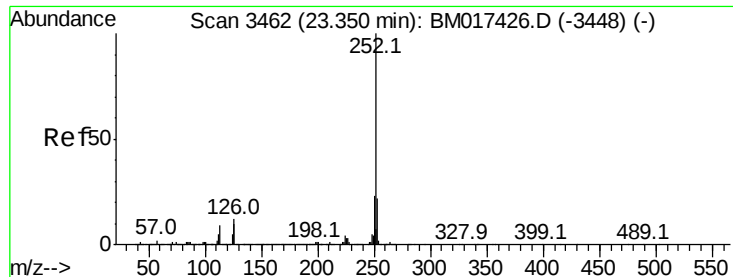


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 13.354 ng/ul

RT: 23.34 min Scan# 3461

Delta R.T. -0.01 min

Lab File: BM017431.D

Acq: 31 Oct 2018 15:56

Instrument :

BNA_M

ClientSampleId :

A40D1

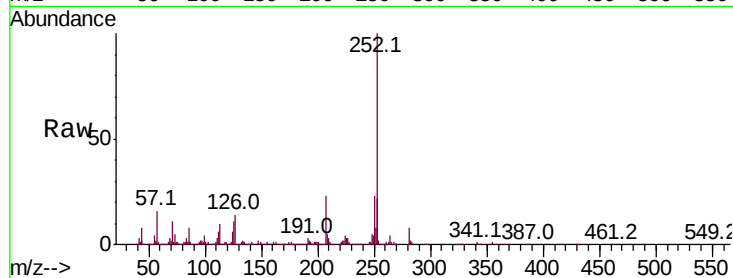
Tot Ion:252 Resp: 1041543

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	10.6	8.3	12.5

252 100

253 21.9 17.6 26.4

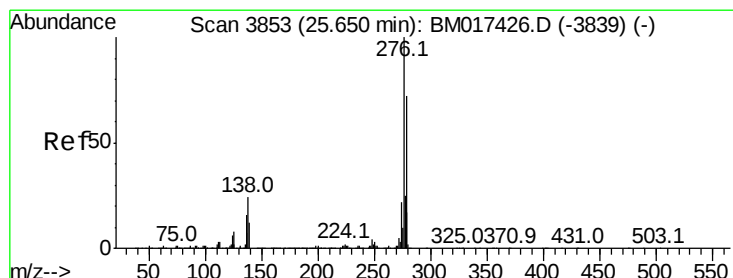
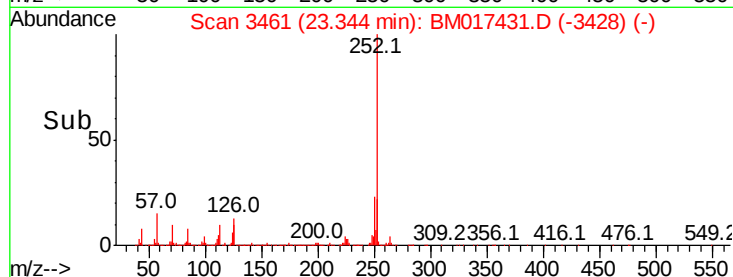
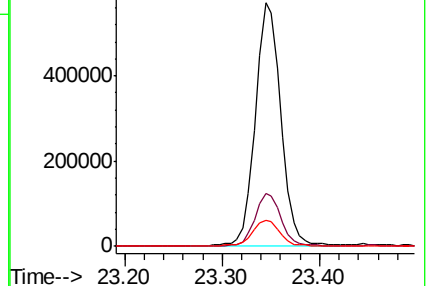
125 10.6 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92

Indeno(1,2,3-cd)pyrene

Concen: 14.621 ng/ul

RT: 25.65 min Scan# 3853

Delta R.T. -0.00 min

Lab File: BM017431.D

Acq: 31 Oct 2018 15:56

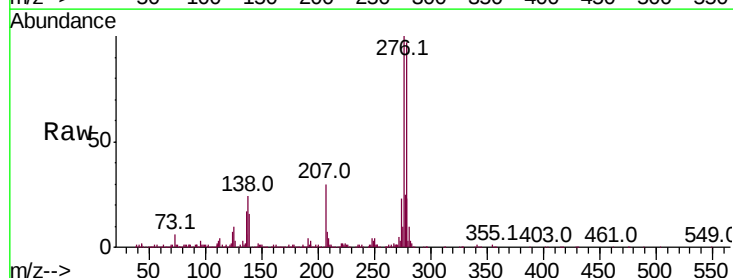
Tgt Ion:276 Resp: 1387493

Ion	Ratio	Lower	Upper
276	100		
138	24.2	18.1	27.1
277	25.1	19.6	29.4

276 100

138 24.2 18.1 27.1

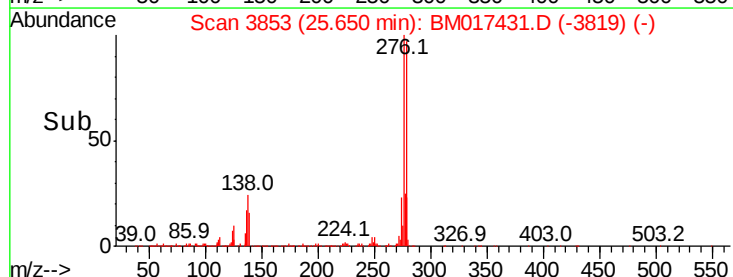
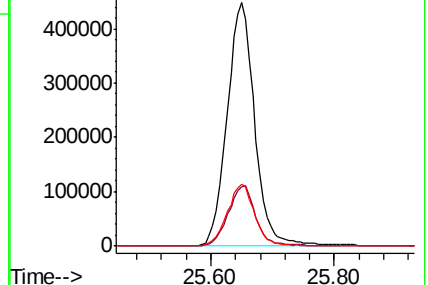
277 25.1 19.6 29.4

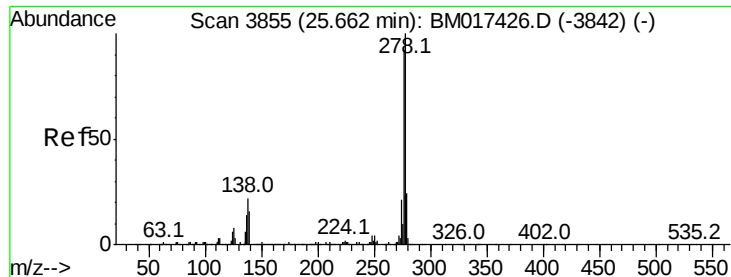


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Dibenzo(a,h)anthracene

Concen: 17.304 ng/ul

RT: 25.66 min Scan# 3854

Delta R.T. -0.01 min

Lab File: BM017431.D

Acq: 31 Oct 2018 15:56

Instrument :

BNA_M

ClientSampleId :

A40D1

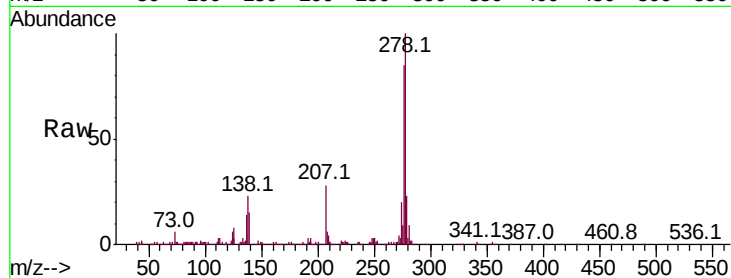
Tot Ion:278 Resp: 1371253

Ion Ratio Lower Upper

278 100

139 14.8 12.7 19.1

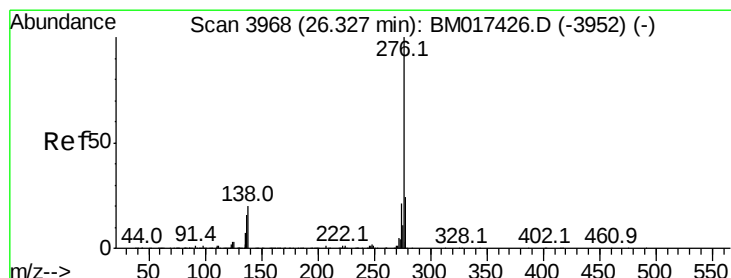
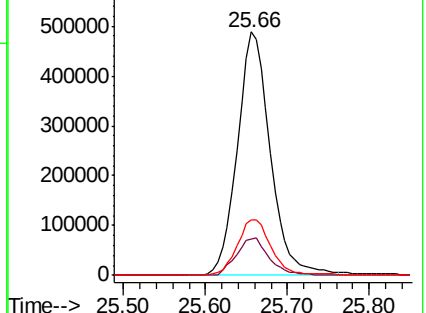
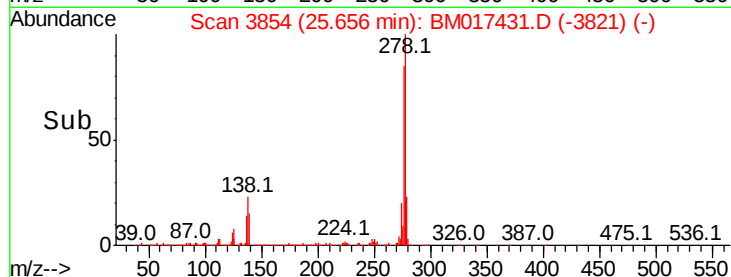
279 22.8 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#94

Benzo(g,h,i)perylene

Concen: 15.104 ng/ul

RT: 26.32 min Scan# 3967

Delta R.T. -0.01 min

Lab File: BM017431.D

Acq: 31 Oct 2018 15:56

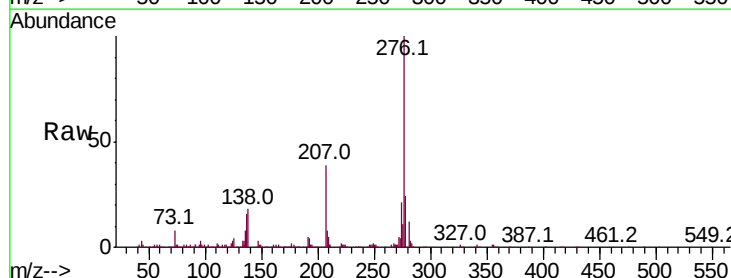
Tgt Ion:276 Resp: 1217631

Ion Ratio Lower Upper

276 100

138 18.1 16.6 25.0

277 23.5 18.9 28.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

