

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082019\
 Data File : BM022206.D
 Acq On : 20 Aug 2019 11:18
 Operator : HP/JU
 Sample : K4238-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-17MSD

Manual Integrations
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mohammad
 8/22/2019 12:48:33 PM

Quant Time: Aug 20 14:17:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 20 02:18:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	39224	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	148053	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	88539	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	162257	20.00	ng	0.00
76) Chrysene-d12	21.20	240	138755	20.00	ng	0.00
87) Perylene-d12	23.40	264	145894	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	295813	134.39	ng	0.00
7) Phenol-d6	6.77	99	394527	134.59	ng	0.00
23) Nitrobenzene-d5	8.74	82	281883	92.60	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	188239	131.35	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	638729	90.10	ng	0.00
79) Terphenyl-d14	19.63	244	799023	83.91	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.18	88	31804	34.485	ng	# 84
3) Pyridine	3.56	79	77483	33.163	ng	# 91
4) n-Nitrosodimethylamine	3.49	42	60528	43.242	ng	# 56
6) Aniline	6.93	93	112809	28.745	ng	95
8) 2-Chlorophenol	7.14	128	115871	44.212	ng	95
9) Benzaldehyde	6.74	77	54324	29.245	ng	94
10) Phenol	6.79	94	142775	46.008	ng	82
11) bis(2-Chloroethyl)ether	7.02	93	96169	39.175	ng	95
12) 1,3-Dichlorobenzene	7.45	146	122152	38.240	ng	# 91
13) 1,4-Dichlorobenzene	7.60	146	126528	39.016	ng	98
14) 1,2-Dichlorobenzene	7.92	146	122726	38.856	ng	98
15) Benzyl Alcohol	7.83	79	103726	40.255	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.10	45	129055	37.944	ng	99
17) 2-Methylphenol	8.02	107	93993	42.466	ng	# 91
18) Hexachloroethane	8.62	117	54488	38.700	ng	96
19) n-Nitroso-di-n-propylamine	8.39	70	89558	38.788	ng	# 85
20) 3+4-Methylphenols	8.36	107	123478	41.308	ng	91
22) Acetophenone	8.40	105	169239	44.559	ng	# 90
24) Nitrobenzene	8.78	77	141394	45.368	ng	91
25) Isophorone	9.30	82	232206	42.983	ng	# 96
26) 2-Nitrophenol	9.48	139	62464	47.316	ng	# 76
27) 2,4-Dimethylphenol	9.54	122	103747	52.137	ng	92
28) bis(2-Chloroethoxy)methane	9.78	93	137987	43.176	ng	99
29) 2,4-Dichlorophenol	10.01	162	113425	47.236	ng	98
30) 1,2,4-Trichlorobenzene	10.21	180	129221	43.688	ng	98
31) Naphthalene	10.39	128	342039	44.481	ng	99
32) Benzoic acid	9.73	122	61350	36.117	ng	# 83
33) 4-Chloroaniline	10.54	127	30311	9.419	ng	94
34) Hexachlorobutadiene	10.65	225	110143	43.400	ng	98
35) Caprolactam	11.37	113	25368m	39.301	ng	
36) 4-Chloro-3-methylphenol	11.66	107	112301	44.245	ng	96
37) 2-Methylnaphthalene	12.02	142	248138	44.149	ng	# 92
38) 1-Methylnaphthalene	12.24	142	233679	43.528	ng	# 95
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	167819	48.423	ng	99

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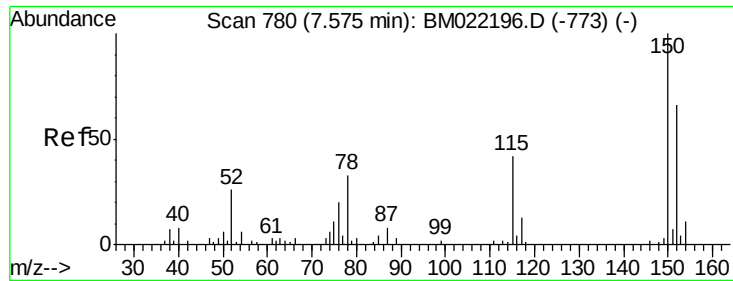
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.35	237	192503	92.873	ng	98
43) 2,4,6-Trichlorophenol	12.65	196	96271	46.339	ng	97
44) 2,4,5-Trichlorophenol	12.72	196	98485	46.701	ng #	94
46) 1,1'-Biphenyl	13.05	154	323709	46.489	ng	99
47) 2-Chloronaphthalene	13.09	162	254196	44.358	ng	96
48) 2-Nitroaniline	13.33	65	74067	40.891	ng	88
49) Acenaphthylene	13.95	152	393232	44.737	ng	100
50) Dimethylphthalate	13.70	163	381489	51.249	ng	98
51) 2,6-Dinitrotoluene	13.84	165	64502	43.878	ng #	64
52) Acenaphthene	14.29	154	224803	43.856	ng	97
53) 3-Nitroaniline	14.17	138	27157	18.550	ng #	95
54) 2,4-Dinitrophenol	14.40	184	53991	65.461	ng #	68
55) Dibenzofuran	14.63	168	377151	44.278	ng #	89
56) 4-Nitrophenol	14.50	139	94350	96.699	ng #	55
57) 2,4-Dinitrotoluene	14.64	165	88266	41.824	ng #	54
58) Fluorene	15.29	166	303312	42.240	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.87	232	93284	44.368	ng #	94
60) Diethylphthalate	15.07	149	319447	40.695	ng	96
61) 4-Chlorophenyl-phenylether	15.28	204	190960	42.197	ng	95
62) 4-Nitroaniline	15.35	138	49288	36.376	ng #	51
63) Azobenzene	15.57	77	323756	42.801	ng	84
65) 4,6-Dinitro-2-methylphenol	15.41	198	40850	40.184	ng	86
66) n-Nitrosodiphenylamine	15.51	169	245662	47.218	ng	99
67) 4-Bromophenyl-phenylether	16.18	248	109636	45.598	ng #	92
68) Hexachlorobenzene	16.28	284	118441	43.359	ng #	84
69) Atrazine	16.47	200	89075	51.702	ng	97
70) Pentachlorophenol	16.64	266	127527	95.957	ng	96
71) Phenanthrene	17.03	178	420012	44.637	ng	98
72) Anthracene	17.12	178	421131	45.086	ng	98
73) Carbazole	17.41	167	335861	43.092	ng #	97
74) Di-n-butylphthalate	17.96	149	488673	41.323	ng #	98
75) Fluoranthene	19.06	202	477633	42.094	ng	99
77) Benzidine	19.27	184	166469	53.489	ng	99
78) Pyrene	19.43	202	482505	49.403	ng	99
80) Butylbenzylphthalate	20.33	149	197038	45.105	ng #	85
81) Benzo(a)anthracene	21.18	228	435383	44.618	ng	100
82) 3,3'-Dichlorobenzidine	21.13	252	81447	23.939	ng	97
83) Chrysene	21.23	228	418200	44.396	ng	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	290202	44.173	ng	93
85) Di-n-octyl phthalate	21.97	149	459032	43.169	ng #	93
86) Indeno(1,2,3-cd)pyrene	25.60	276	546685	51.811	ng	97
88) Benzo(b)fluoranthene	22.74	252	414897	42.590	ng	98
89) Benzo(k)fluoranthene	22.78	252	419090	44.011	ng	99
90) Benzo(a)pyrene	23.30	252	414318	46.701	ng	98
91) Dibenzo(a,h)anthracene	25.60	278	459491	48.744	ng	98
92) Benzo(g,h,i)perylene	26.27	276	429805	52.152	ng	97

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



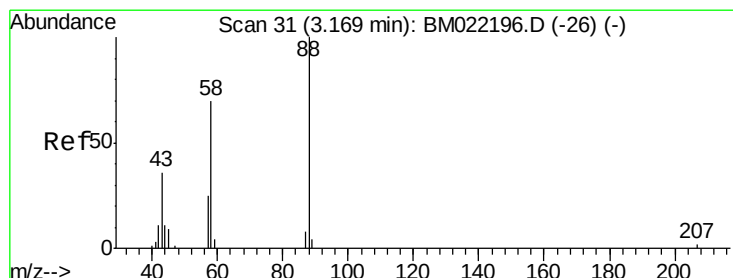
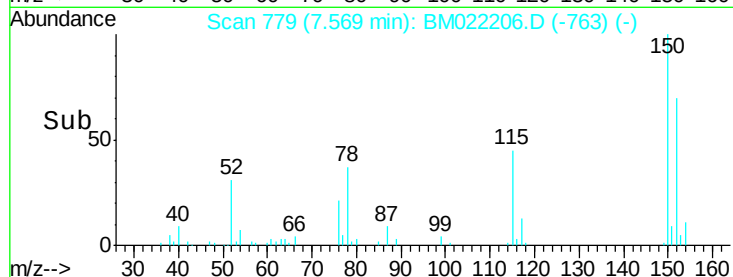
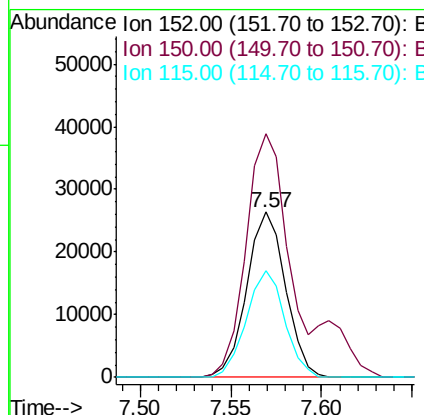
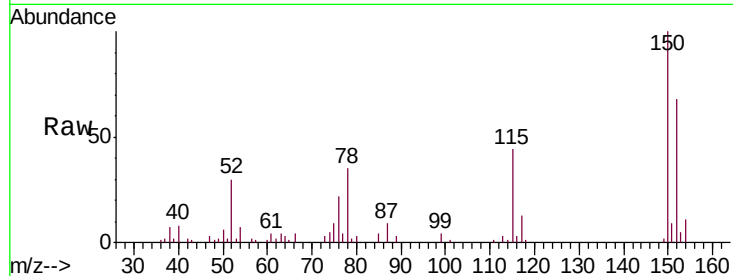
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.57 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BM022206.D
 Acq: 20 Aug 2019 11:18

Instrument :
 BNA_M
 ClientSampled :
 TP-17MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	147.5	123.1	184.7
115	64.9	44.2	66.4

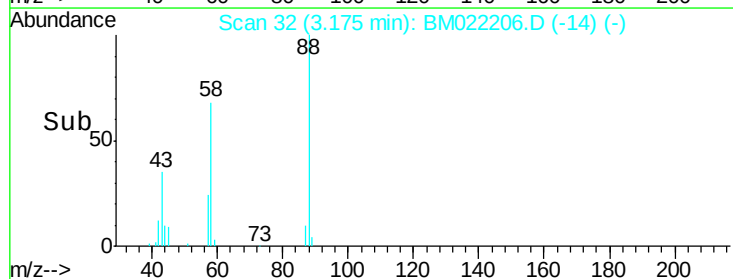
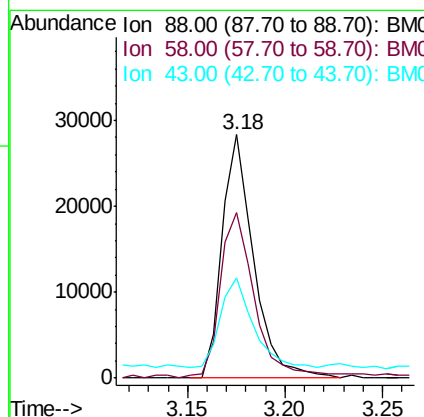
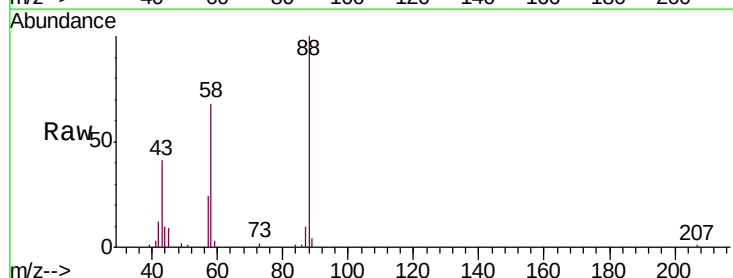
Manual Integrations
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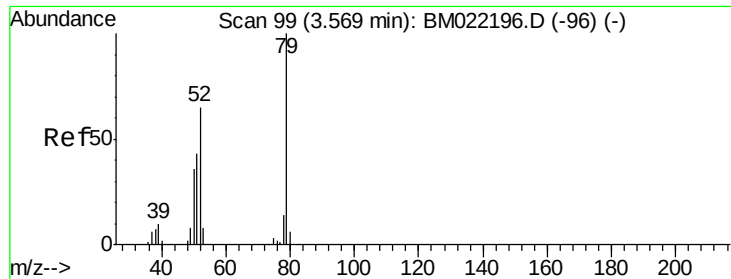
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#2
 1,4-Dioxane
 Concen: 34.485 ng
 RT: 3.18 min Scan# 32
 Delta R.T. 0.01 min
 Lab File: BM022206.D
 Acq: 20 Aug 2019 11:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.8	51.9	77.9
43	39.4	21.4	32.2





#3

Pyridine

Concen: 33.163 ng

RT: 3.56 min Scan# 98

Delta R.T. -0.01 min

Lab File: BM022206.D

Acq: 20 Aug 2019 11:18

Instrument :

BNA_M

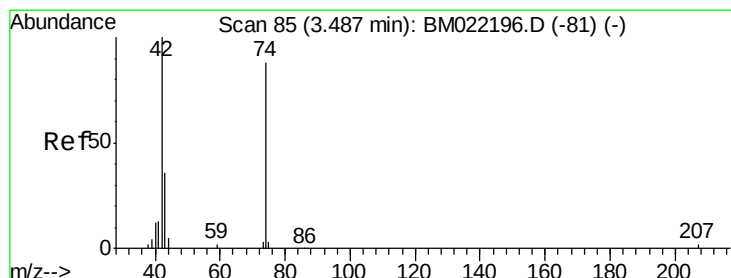
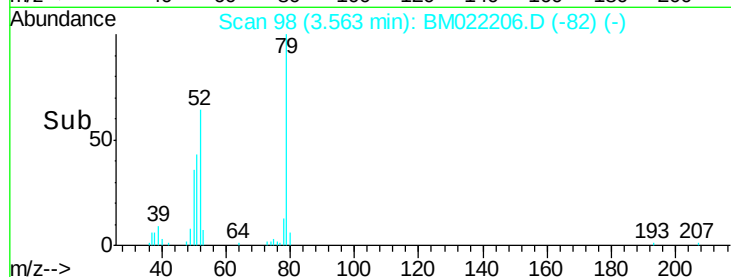
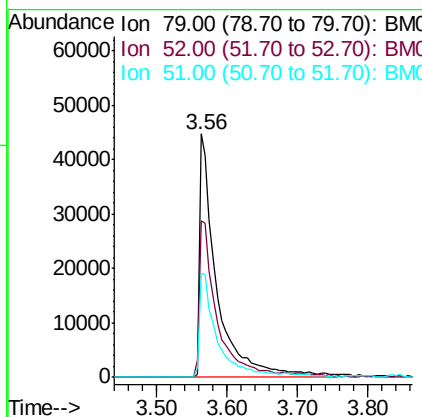
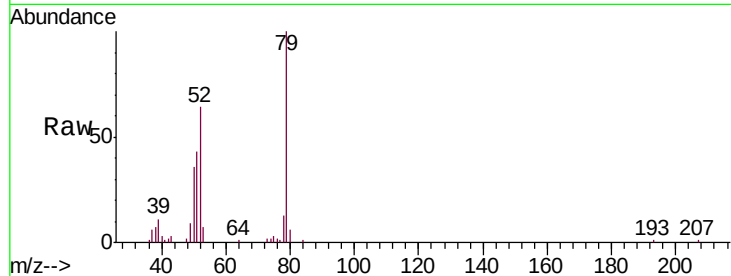
ClientSampleId :

TP-17MSD

Tgt Ion:	79	Resp:	77483
Ion	Ratio	Lower	Upper
79	100		
52	64.5	48.8	73.2
51	42.7	25.7	38.5#

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#4

n-Nitrosodimethylamine

Concen: 43.242 ng

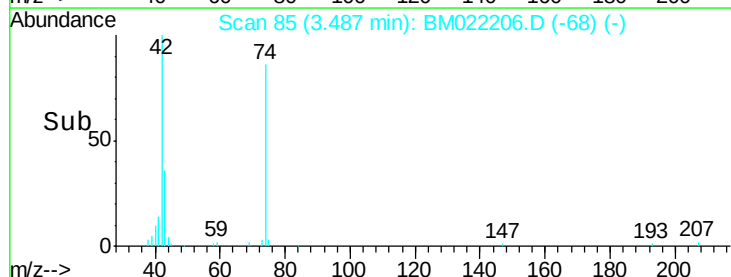
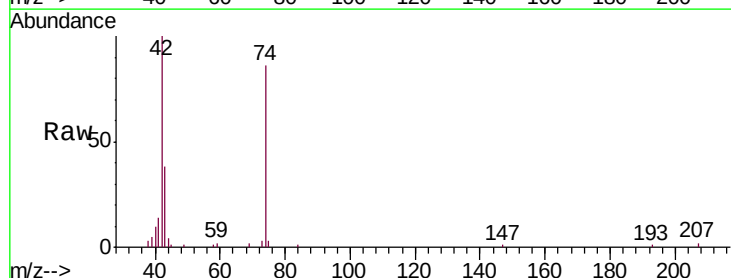
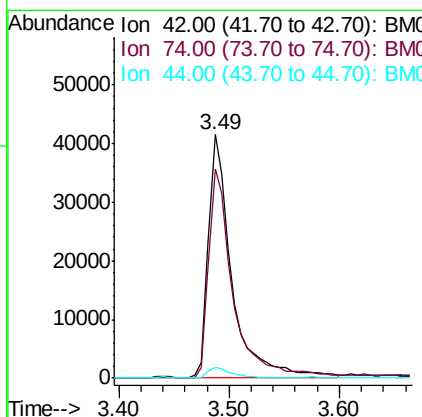
RT: 3.49 min Scan# 85

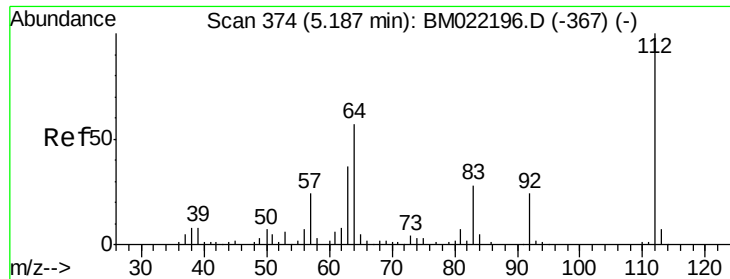
Delta R.T. 0.00 min

Lab File: BM022206.D

Acq: 20 Aug 2019 11:18

Tgt Ion:	42	Resp:	60528
Ion	Ratio	Lower	Upper
42	100		
74	85.7	113.8	170.6#
44	4.2	8.2	12.2#





#5

2-Fluorophenol

Concen: 134.390 ng

RT: 5.19 min Scan# 374

Delta R.T. 0.00 min

Lab File: BM022206.D

Acq: 20 Aug 2019 11:18

Instrument :

BNA_M

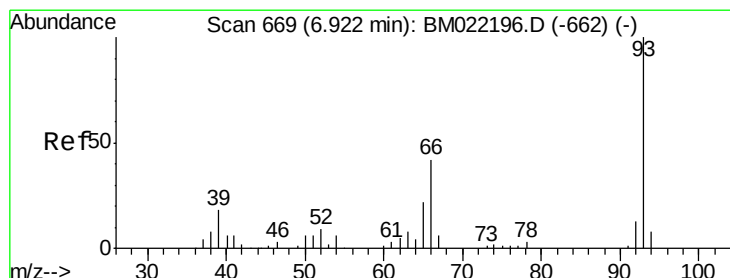
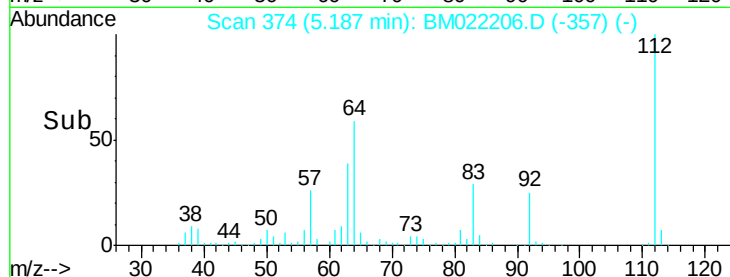
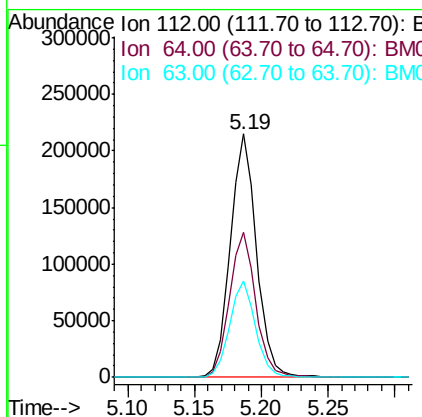
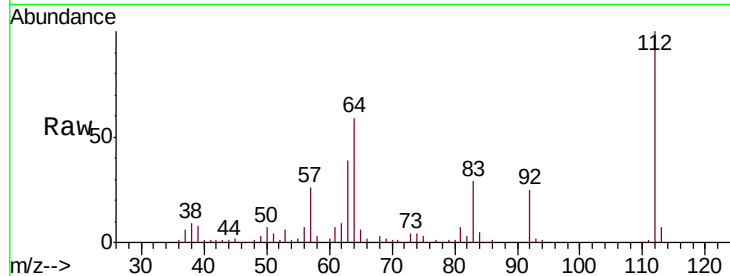
ClientSampleID :

TP-17MSD

Tgt Ion:	112	Resp:	295813
Ion Ratio	Lower	Upper	
112	100		
64	59.3	45.2	67.8
63	39.5	23.5	35.3

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#6

Aniline

Concen: 28.745 ng

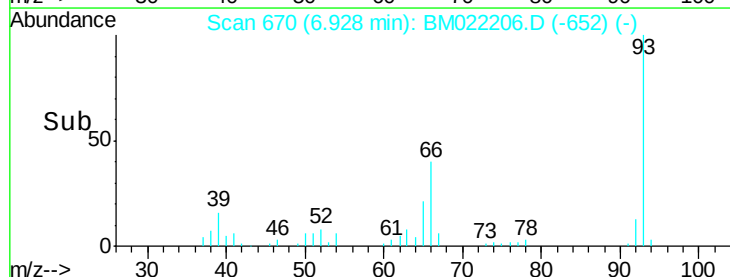
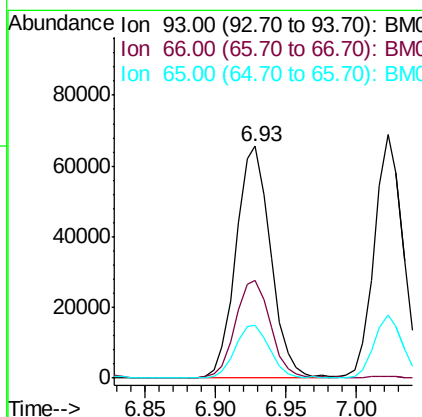
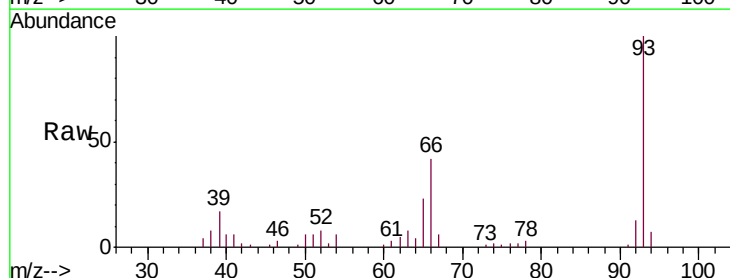
RT: 6.93 min Scan# 670

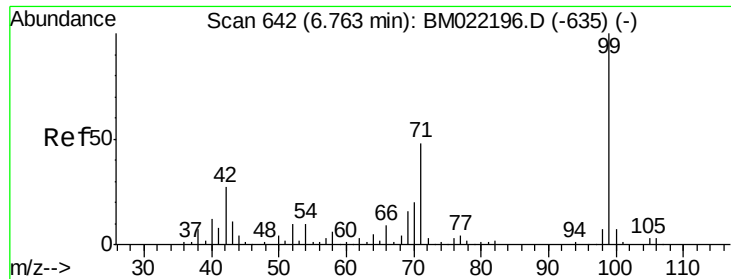
Delta R.T. 0.01 min

Lab File: BM022206.D

Acq: 20 Aug 2019 11:18

Tgt Ion:	93	Resp:	112809
Ion Ratio	Lower	Upper	
93	100		
66	42.1	31.3	46.9
65	22.7	15.9	23.9





#7

Phenol-d6

Concen: 134.595 ng

RT: 6.77 min Scan# 643

Delta R.T. 0.01 min

Lab File: BM022206.D

Acq: 20 Aug 2019 11:18

Instrument :

BNA_M

ClientSampleId :

TP-17MSD

Tgt Ion: 99 Resp: 394527
Ion Ratio Lower Upper

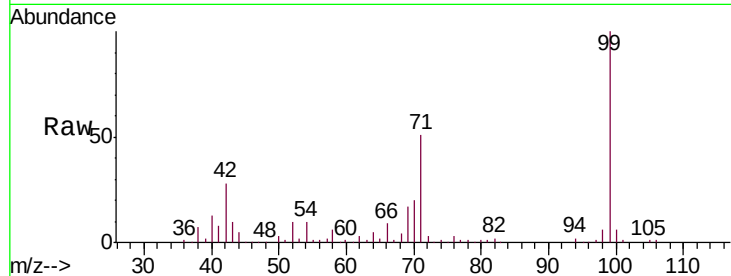
99 100

42 27.8 13.5 20.3#

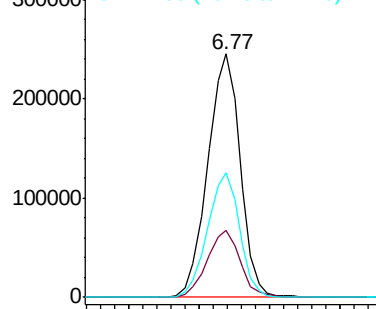
71 51.1 29.3 43.9#

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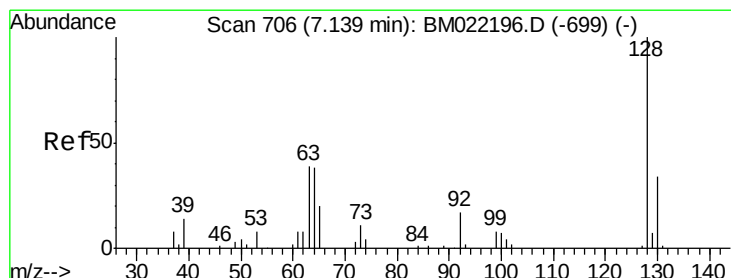
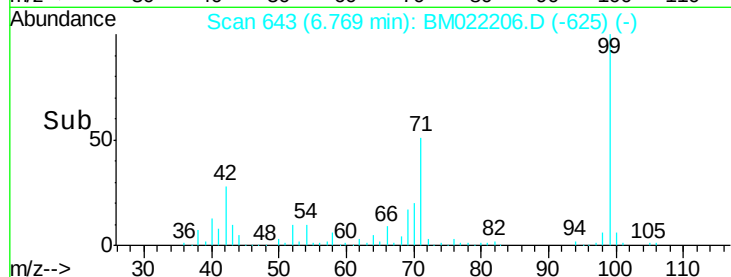
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Abundance Ion 99.00 (98.70 to 99.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 71.00 (70.70 to 71.70): BM0



Time-->



#8

2-Chlorophenol

Concen: 44.212 ng

RT: 7.14 min Scan# 706

Delta R.T. 0.00 min

Lab File: BM022206.D

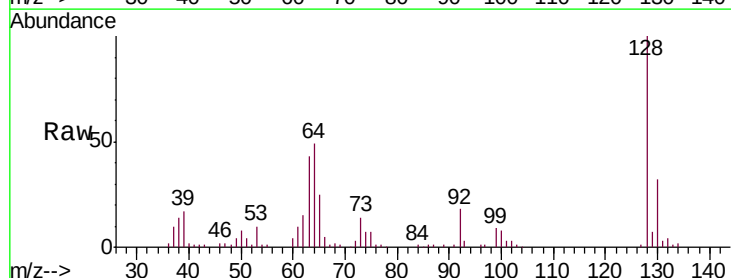
Acq: 20 Aug 2019 11:18

Tgt Ion: 128 Resp: 115871
Ion Ratio Lower Upper

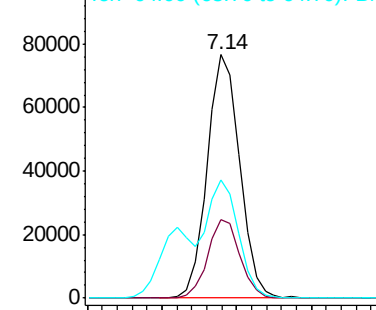
128 100

130 32.2 12.2 52.2

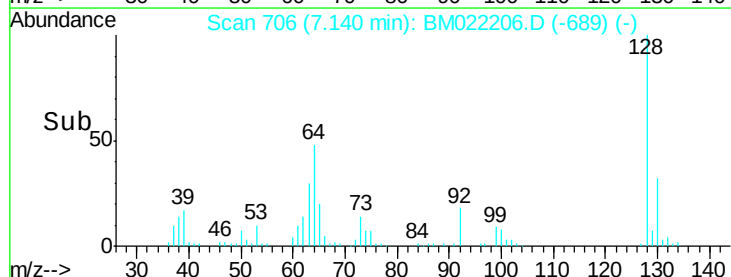
64 48.7 23.2 63.2

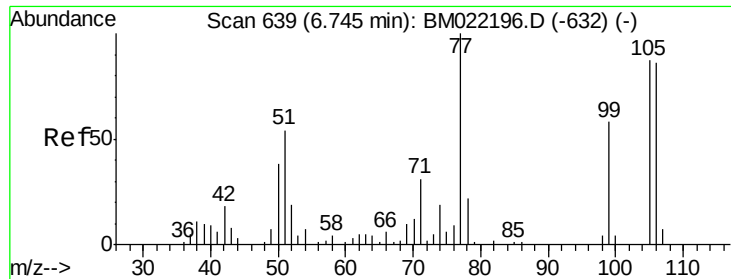


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BM0



Time-->





#9

Benzaldehyde

Concen: 29.245 ng

RT: 6.74 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM022206.D

Acq: 20 Aug 2019 11:18

Instrument :

BNA_M

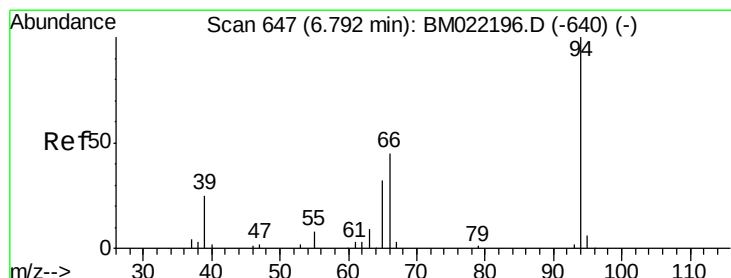
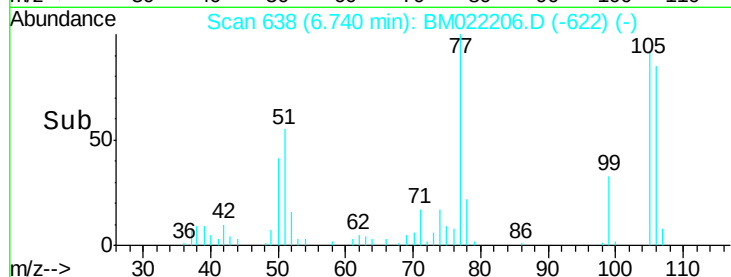
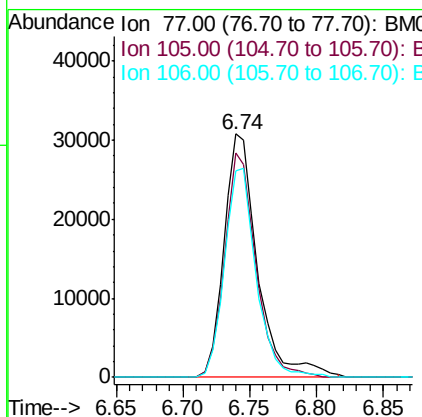
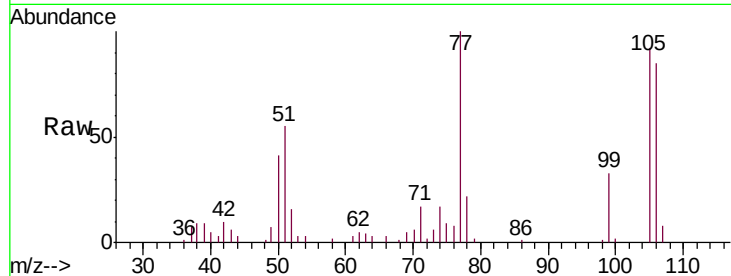
ClientSampleId :

TP-17MSD

Tgt Ion:	77	Resp:	54324
Ion	Ratio	Lower	Upper
77	100		
105	92.3	77.8	117.8
106	85.0	71.8	111.8

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#10

Phenol

Concen: 46.008 ng

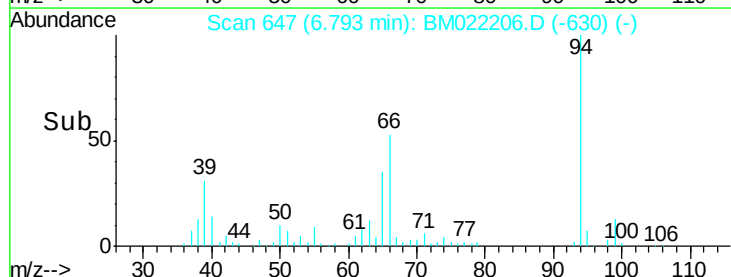
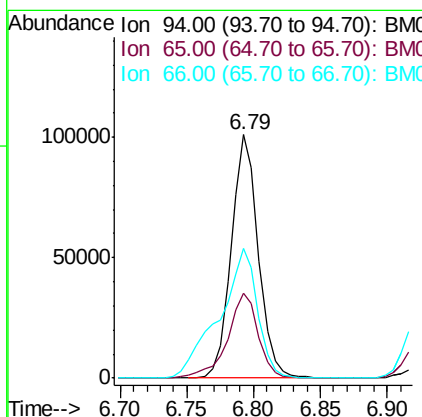
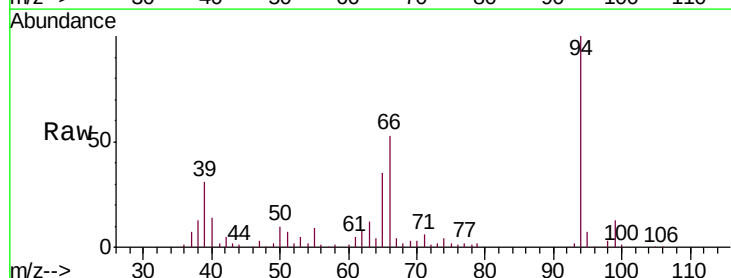
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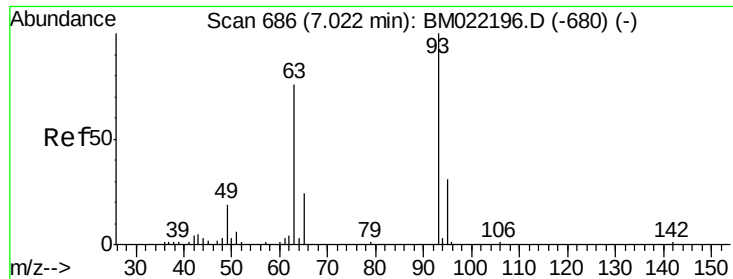
Delta R.T. 0.00 min

Lab File: BM022206.D

Acq: 20 Aug 2019 11:18

Tgt Ion:	94	Resp:	142775
Ion	Ratio	Lower	Upper
94	100		
65	35.0	8.7	48.7
66	53.2	19.0	59.0





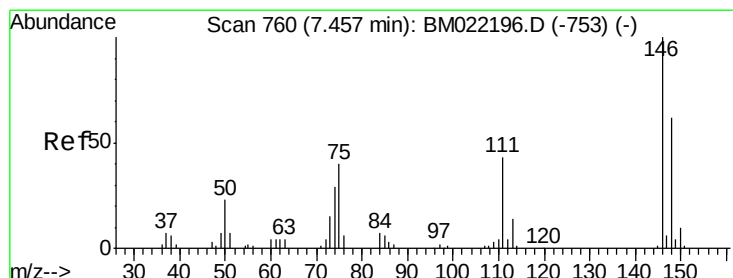
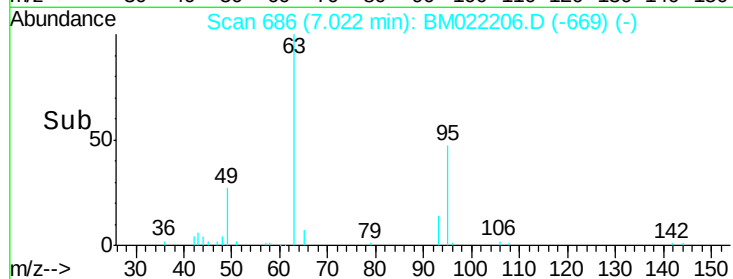
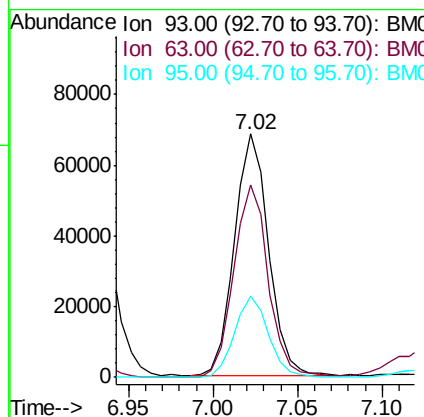
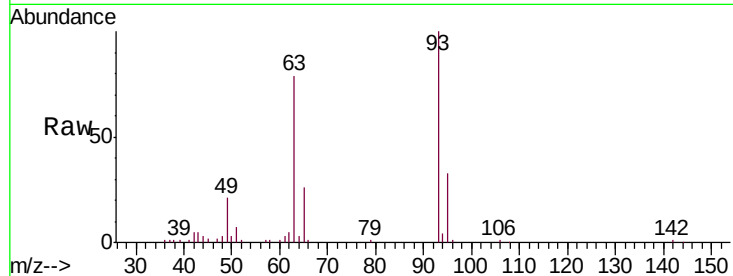
#11
bis(2-Chloroethyl)ether
Concen: 39.175 ng
RT: 7.02 min Scan# 686
Delta R.T. 0.00 min
Lab File: BM022206.D
Acq: 20 Aug 2019 11:18

Instrument :
BNA_M
ClientSampleId :
TP-17MSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	79.0	53.4	93.4
95	33.4	13.0	53.0

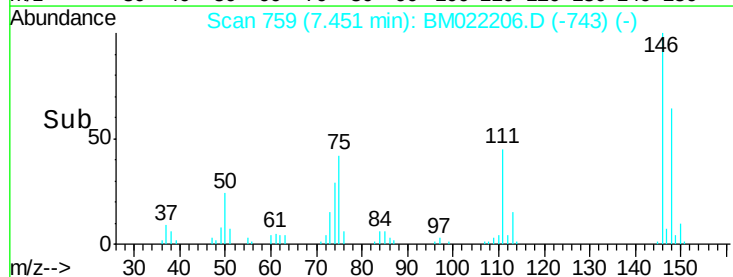
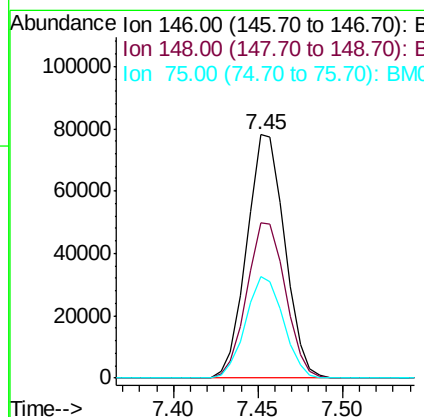
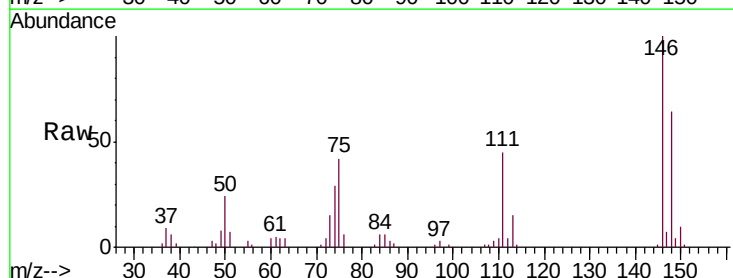
Manual Integrations
APPROVED

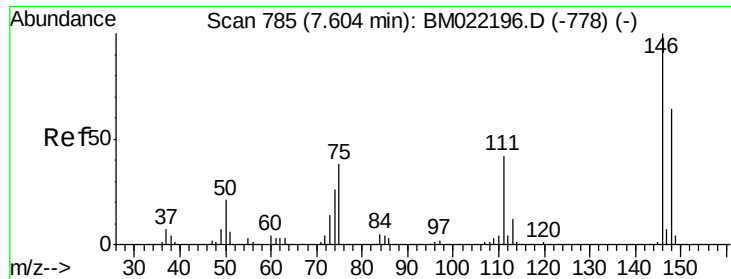
mohammad
8/22/2019 12:48:33 PM



#12
1,3-Dichlorobenzene
Concen: 38.240 ng
RT: 7.45 min Scan# 759
Delta R.T. -0.01 min
Lab File: BM022206.D
Acq: 20 Aug 2019 11:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.2	78.2
75	41.6	22.2	33.4





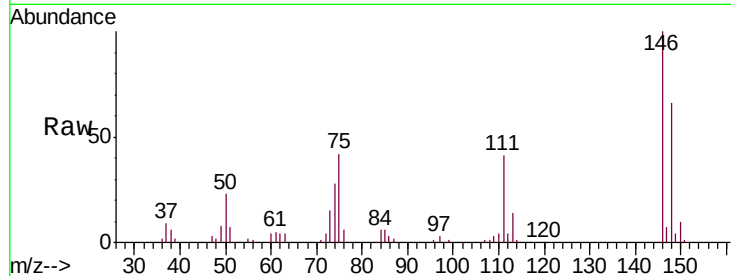
#13
 1,4-Dichlorobenzene
 Concen: 39.016 ng
 RT: 7.60 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BM022206.D
 Acq: 20 Aug 2019 11:18

Instrument :
 BNA_M
 ClientSampleId :
 TP-17MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.9	77.9
111	41.5	31.4	47.0

Manual Integrations
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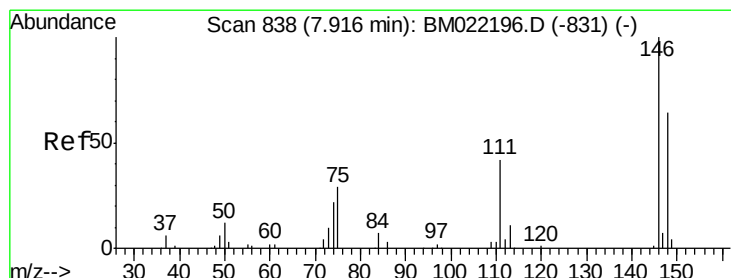
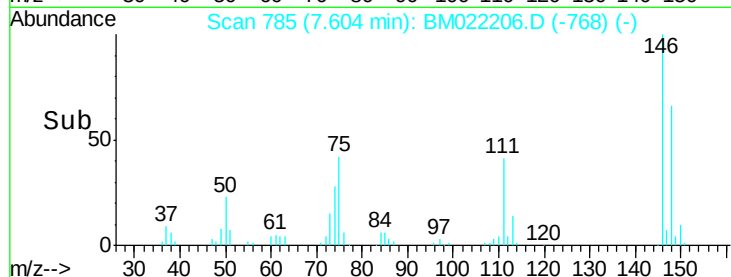
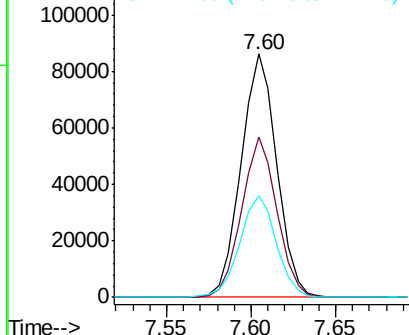


Abundance

Ion 146.00 (145.70 to 146.70): E

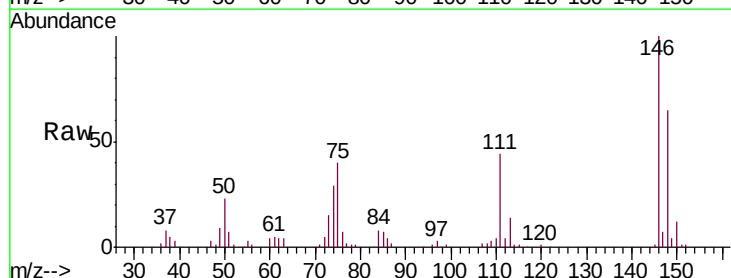
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 38.856 ng
 RT: 7.92 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BM022206.D
 Acq: 20 Aug 2019 11:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.2	76.8
111	44.0	32.8	49.2

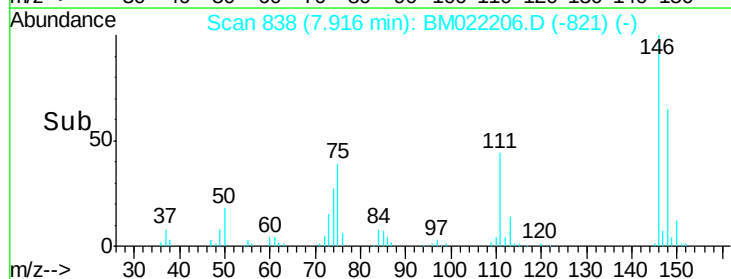
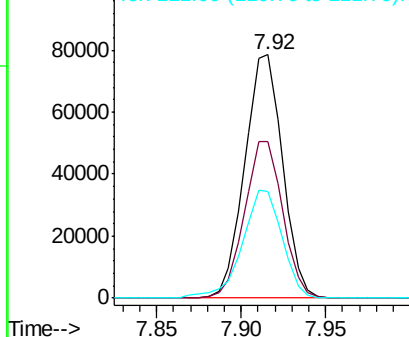


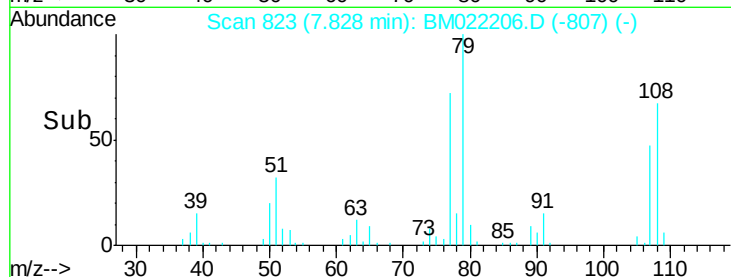
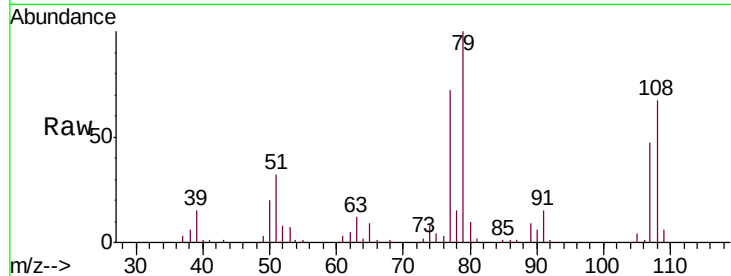
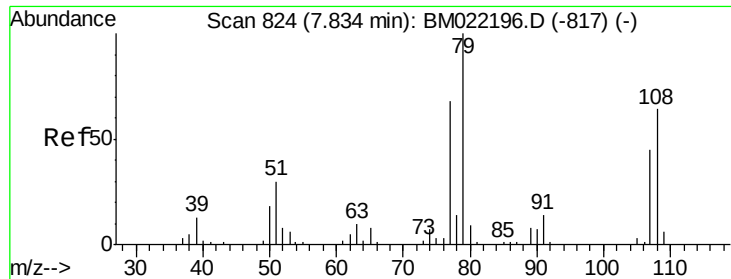
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





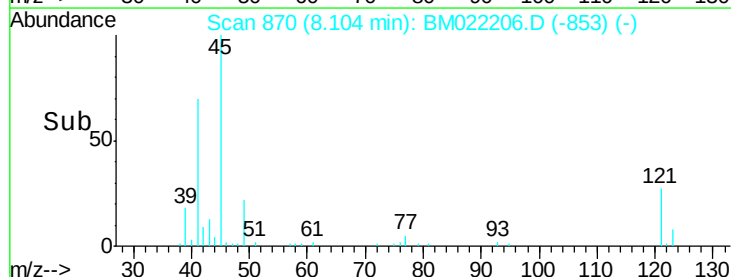
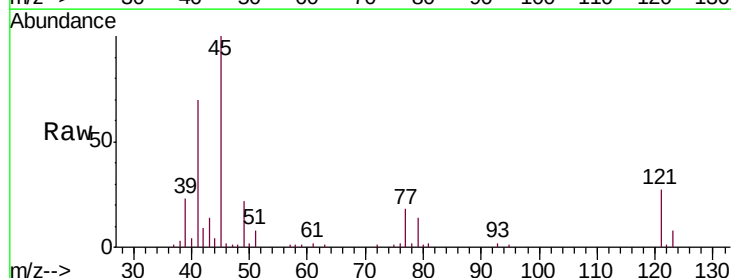
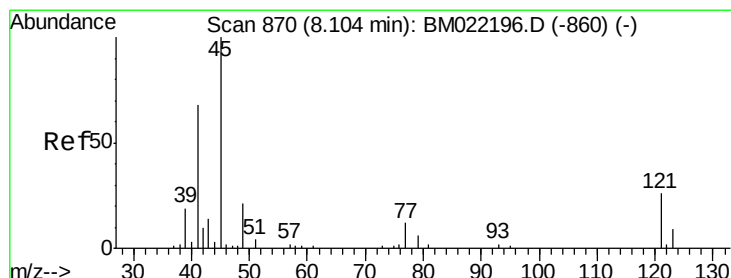
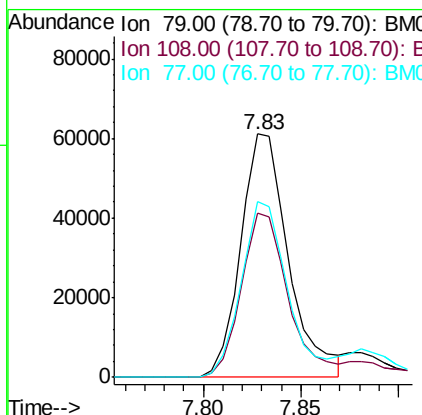
#15
Benzyl Alcohol
Concen: 40.255 ng
RT: 7.83 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM022206.D
Acq: 20 Aug 2019 11:18

Tgt Ion	Ratio	Lower	Upper
79	100		
108	67.4	58.4	87.6
77	72.2	50.1	75.1

Instrument :
BNA_M
ClientSampleId :
TP-17MSD

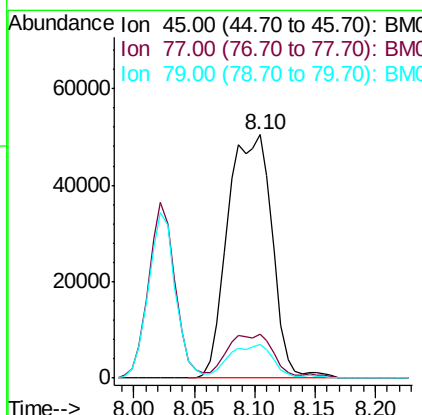
Manual Integrations
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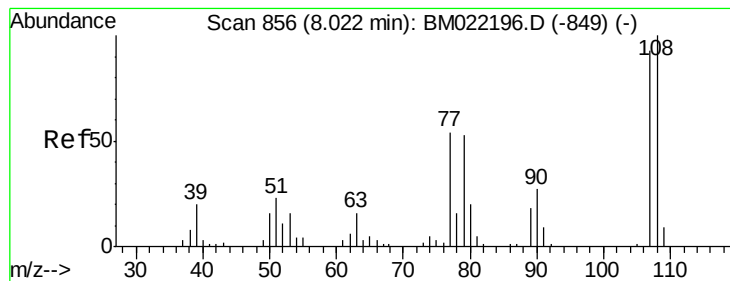
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.944 ng
RT: 8.10 min Scan# 870
Delta R.T. 0.00 min
Lab File: BM022206.D
Acq: 20 Aug 2019 11:18

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.9	0.0	37.5
79	13.7	0.0	33.5





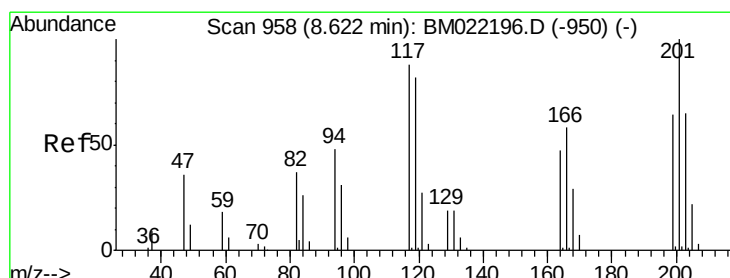
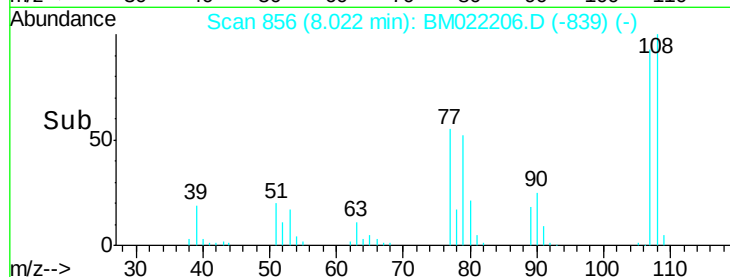
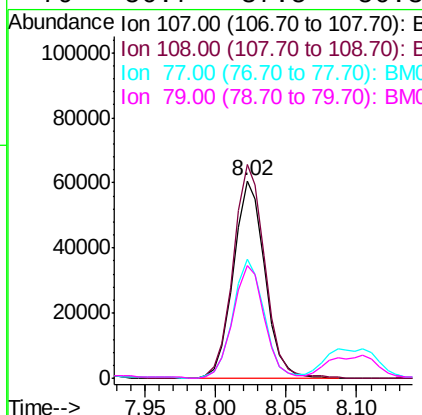
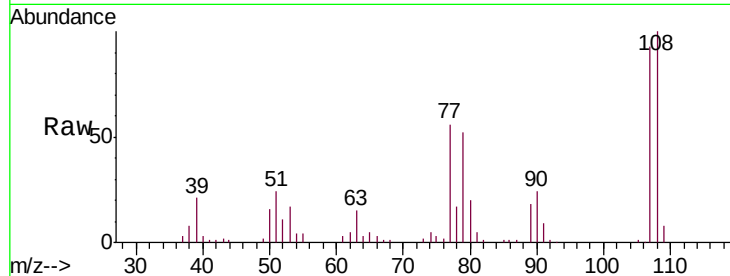
#17
2-Methylphenol
Concen: 42.466 ng
RT: 8.02 min Scan# 856
Delta R.T. 0.00 min
Lab File: BM022206.D
Acq: 20 Aug 2019 11:18

Instrument :
BNA_M
ClientSampled :
TP-17MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	93993		
108	108.1	87.5	131.3	
77	60.1	37.8	56.8	
79	56.7	37.5	56.3	

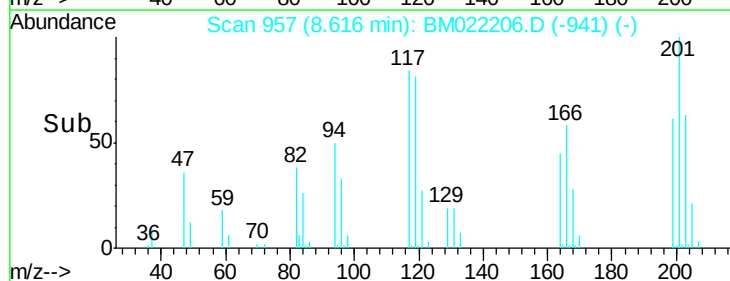
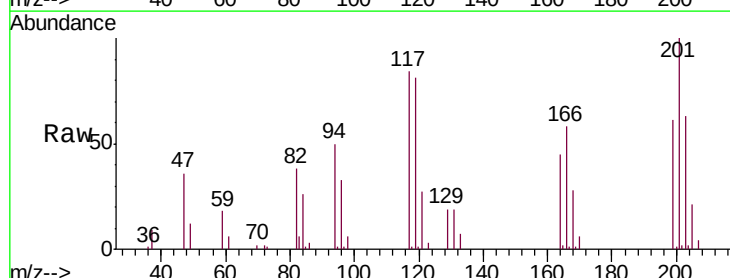
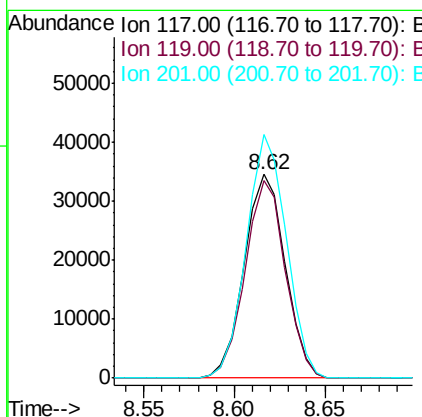
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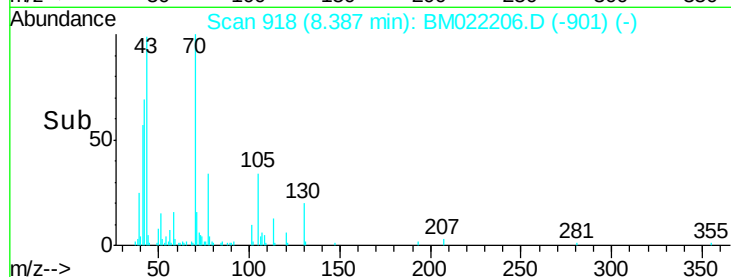
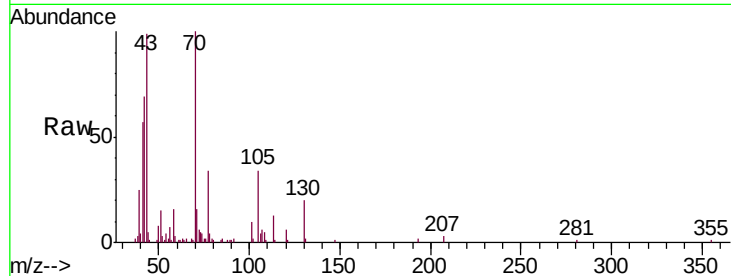
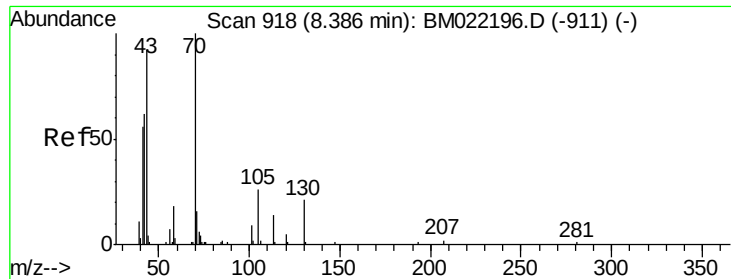
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#18
Hexachloroethane
Concen: 38.700 ng
RT: 8.62 min Scan# 957
Delta R.T. -0.01 min
Lab File: BM022206.D
Acq: 20 Aug 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	54488		
119	96.8	77.5	116.3	
201	119.4	102.3	153.5	





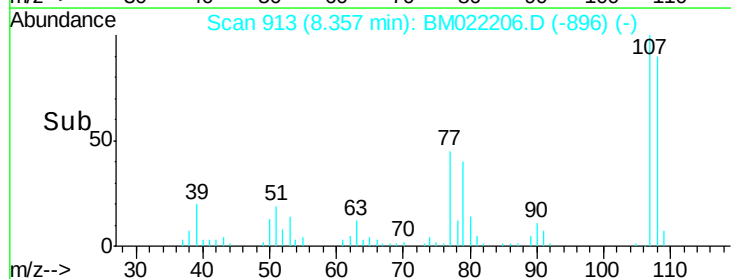
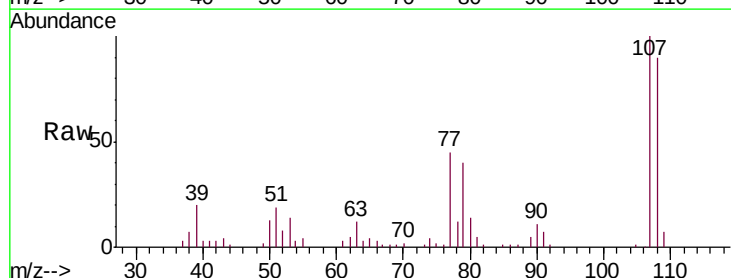
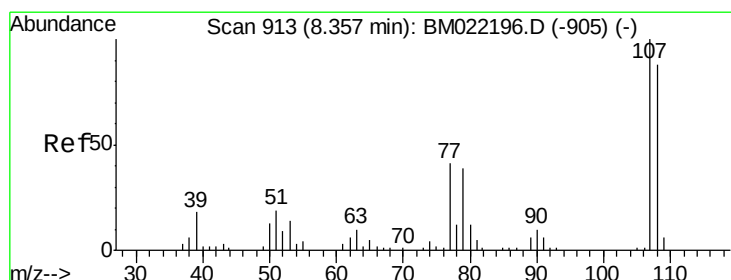
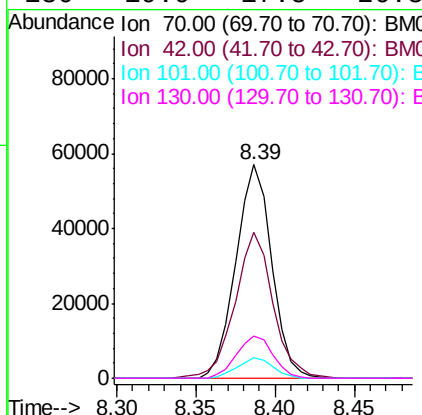
#19
n-Nitroso-di-n-propylamine
Concen: 38.788 ng
RT: 8.39 min Scan# 918
Delta R.T. 0.00 min
Lab File: BM022206.D
Acq: 20 Aug 2019 11:18

Instrument :
BNA_M
ClientSampleId :
TP-17MSD

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		89558		
42	68.5	41.9	62.9#		
101	9.8	8.1	12.1		
130	19.9	17.5	26.3		

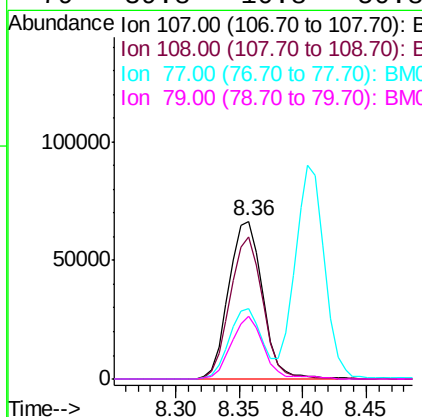
Manual Integrations
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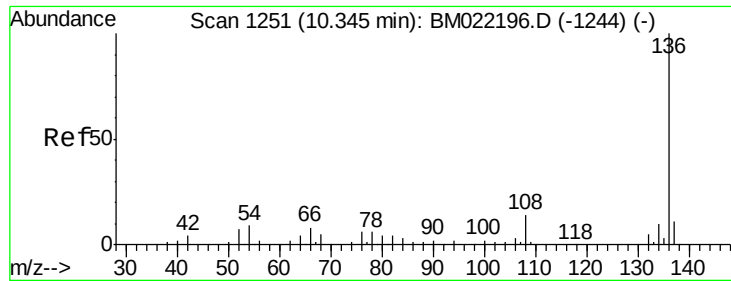
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#20
3+4-Methylphenols
Concen: 41.308 ng
RT: 8.36 min Scan# 913
Delta R.T. 0.00 min
Lab File: BM022206.D
Acq: 20 Aug 2019 11:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		123478		
108	89.9	67.9	107.9		
77	44.9	14.6	54.6		
79	39.8	10.8	50.8		





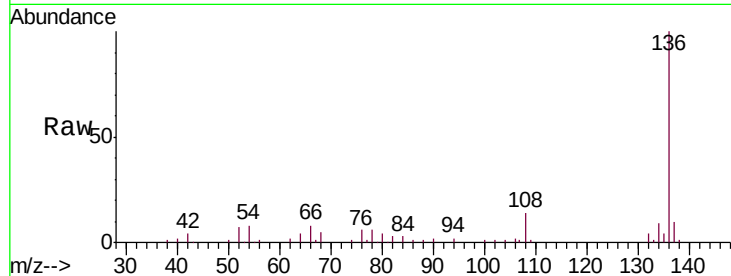
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BM022206.D
Acq: 20 Aug 2019 11:18

Instrument :
BNA_M
ClientSampleId :
TP-17MSD

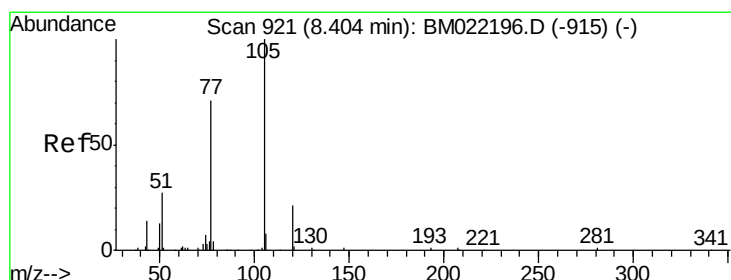
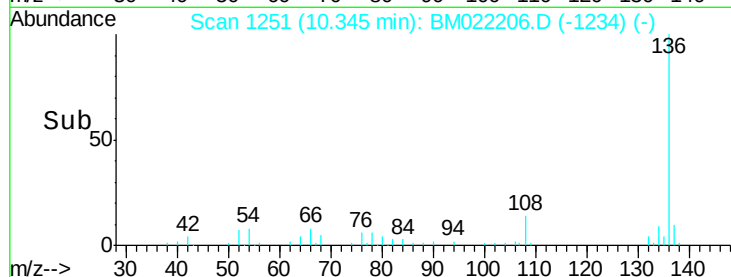
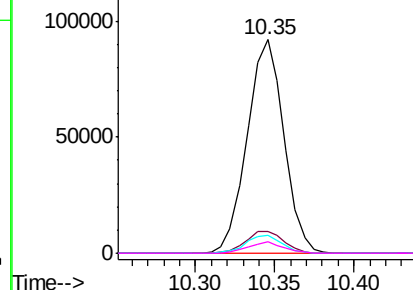
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	148053		
137	10.4	8.6	13.0	
54	8.4	5.3	7.9	
68	5.1	4.4	6.6	

Manual Integrations
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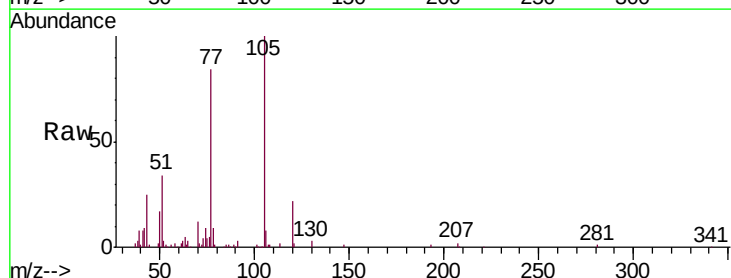


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

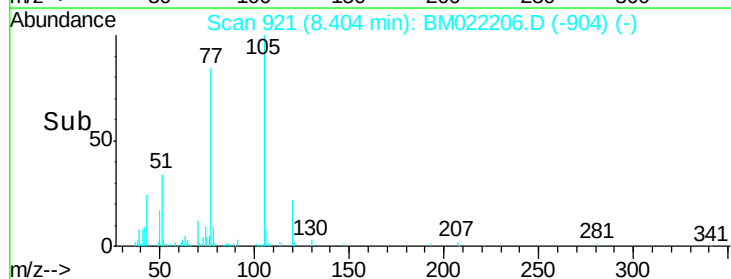
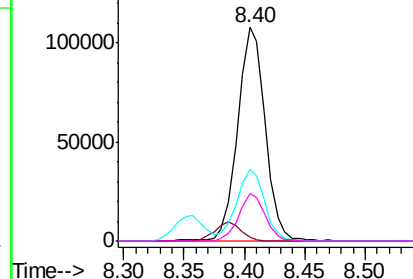


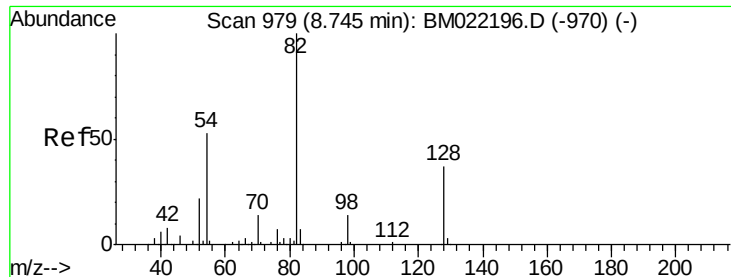
#22
Acetophenone
Concen: 44.559 ng
RT: 8.40 min Scan# 921
Delta R.T. 0.00 min
Lab File: BM022206.D
Acq: 20 Aug 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	169239		
71	1.8	1.2	1.8	
51	33.8	19.1	28.7	
120	21.9	17.9	26.9	



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E





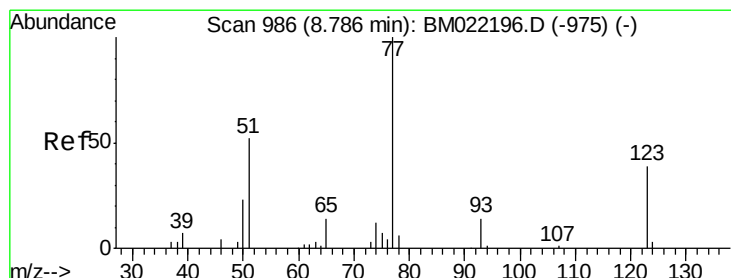
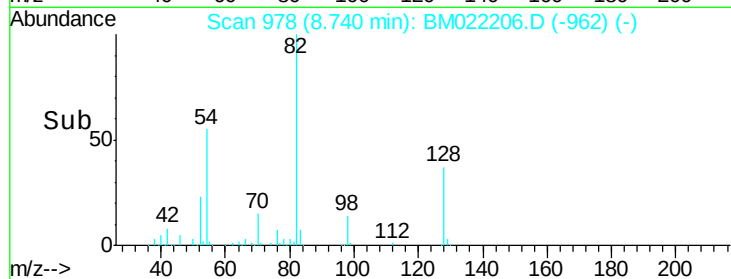
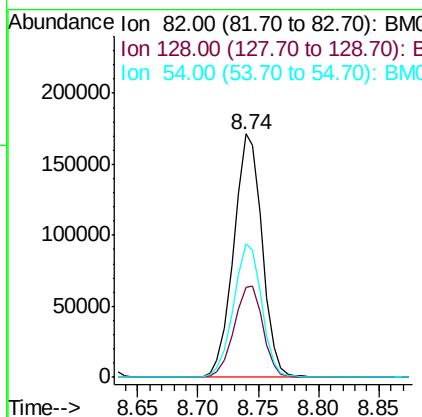
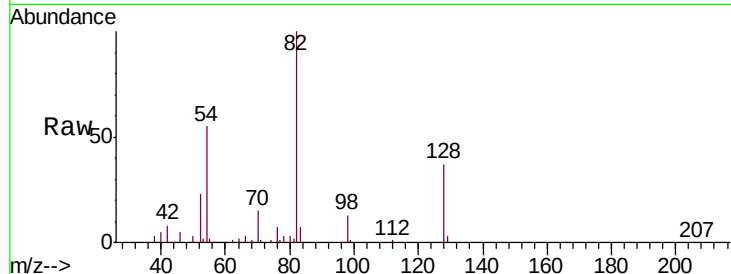
#23
 Nitrobenzene-d5
 Concen: 92.602 ng
 RT: 8.74 min Scan# 978
 Delta R.T. -0.01 min
 Lab File: BM022206.D
 Acq: 20 Aug 2019 11:18

Instrument :
 BNA_M
 ClientSampleId :
 TP-17MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	281883		
128	36.8	35.9	53.9	
54	54.8	36.6	55.0	

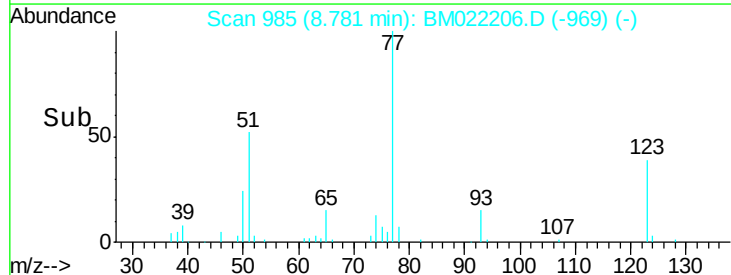
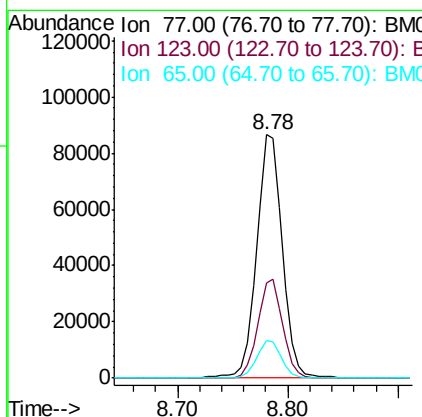
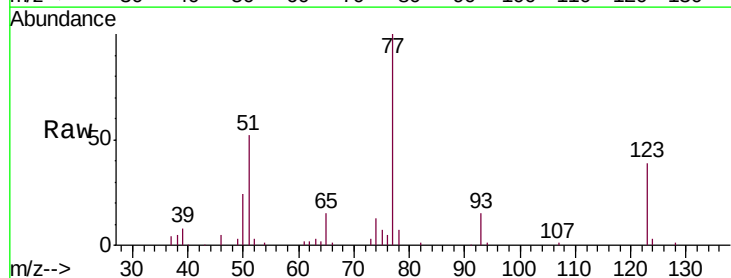
Manual Integrations
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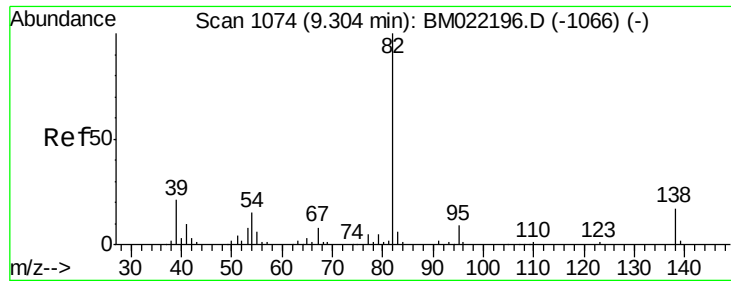
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#24
 Nitrobenzene
 Concen: 45.368 ng
 RT: 8.78 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BM022206.D
 Acq: 20 Aug 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	141394		
123	39.0	36.3	54.5	
65	15.3	10.6	16.0	





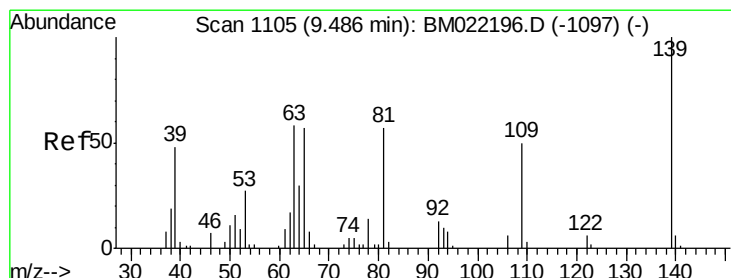
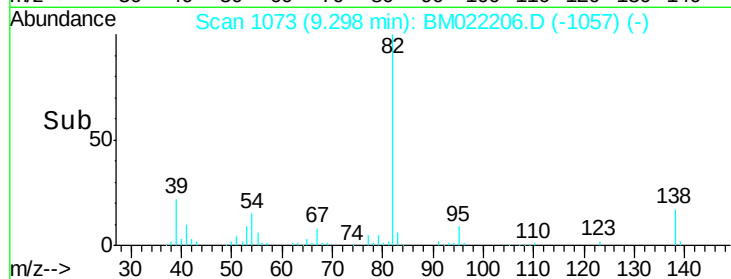
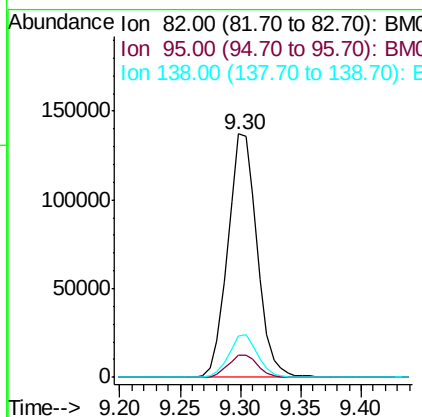
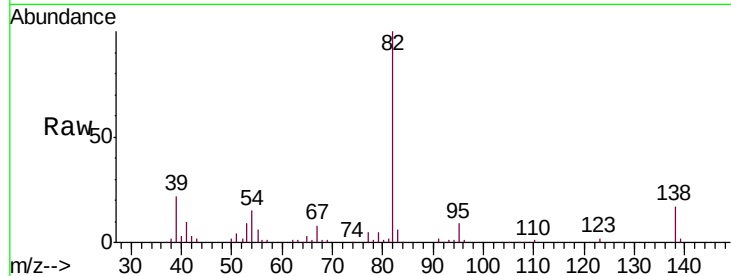
#25
Isophorone
Concen: 42.983 ng
RT: 9.30 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BM022206.D
Acq: 20 Aug 2019 11:18

Instrument :
BNA_M
ClientSampleId :
TP-17MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	232206		
95	9.2	6.1	9.1#	
138	17.0	15.0	22.6	

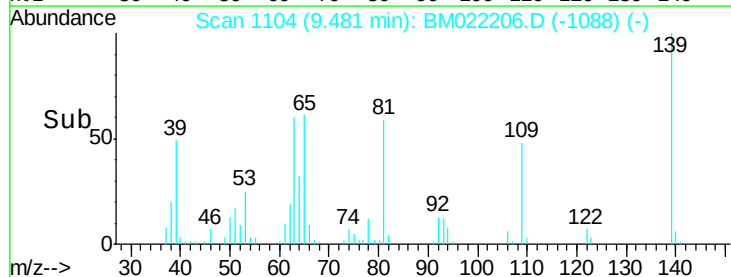
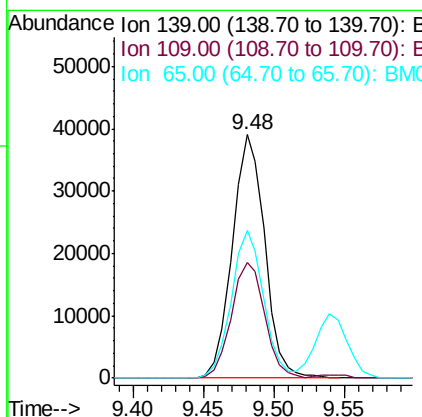
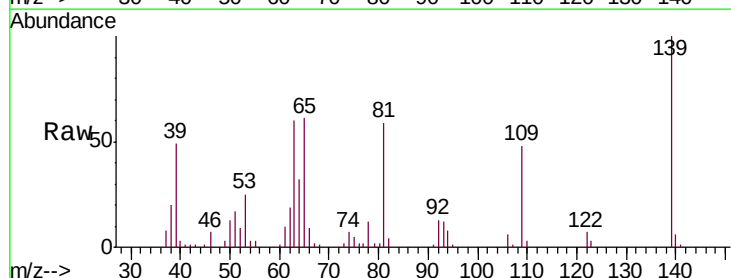
Manual Integrations
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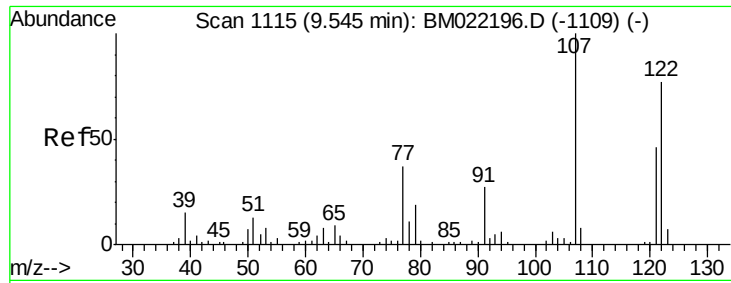
mohammad
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#26
2-Nitrophenol
Concen: 47.316 ng
RT: 9.48 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BM022206.D
Acq: 20 Aug 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	62464		
109	47.6	25.2	37.8#	
65	60.5	37.4	56.0#	





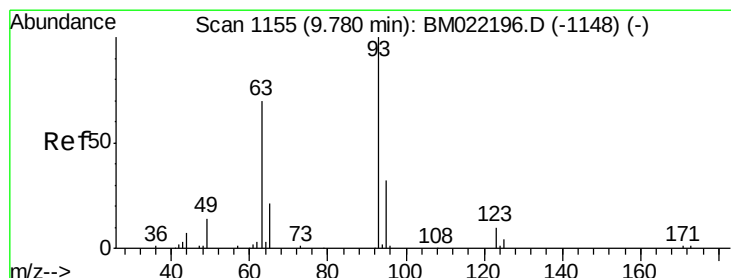
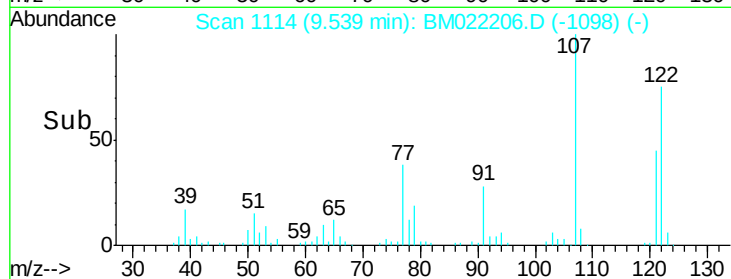
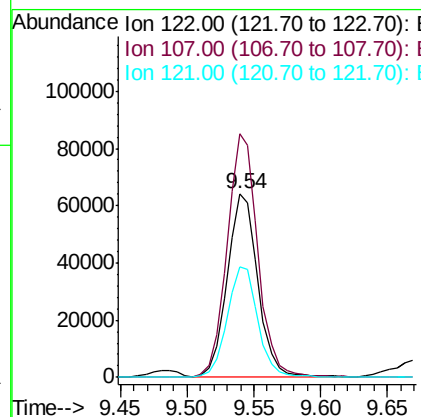
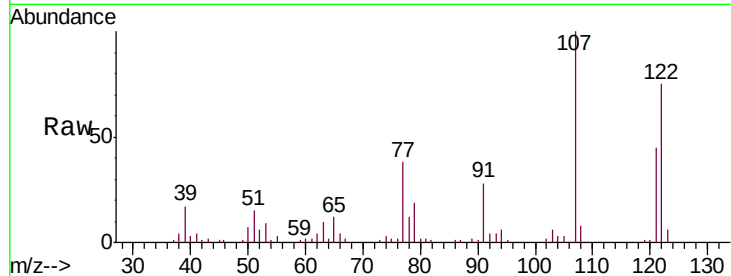
#27
 2,4-Dimethylphenol
 Concen: 52.137 ng
 RT: 9.54 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BM022206.D
 Acq: 20 Aug 2019 11:18

Instrument :
 BNA_M
 ClientSampleId :
 TP-17MSD

Tgt Ion:	122	Resp:	103747
Ion Ratio	Lower	Upper	
122	100		
107	132.5	95.3	142.9
121	60.0	47.5	71.3

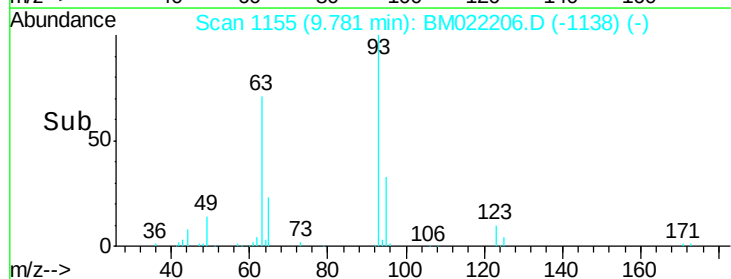
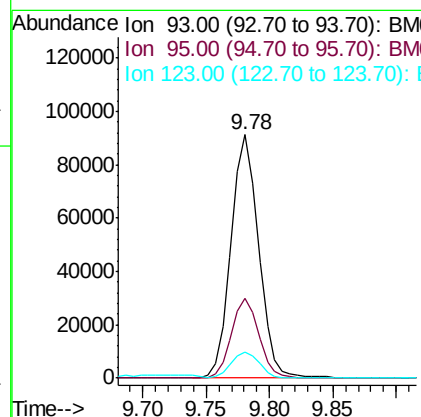
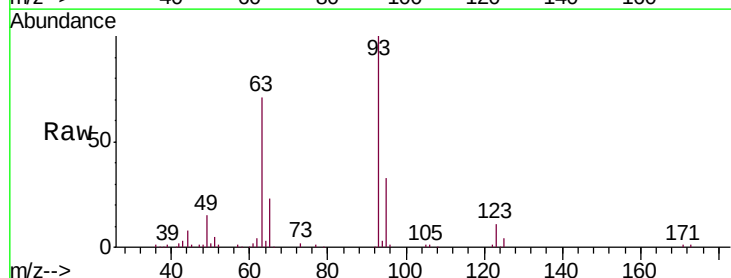
Manual Integrations
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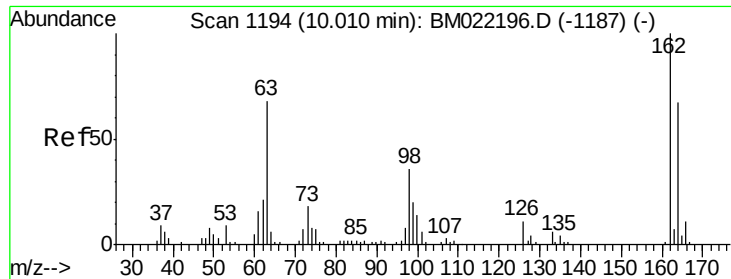
mohammad
 8/22/2019 12:48:33 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.176 ng
 RT: 9.78 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BM022206.D
 Acq: 20 Aug 2019 11:18

Tgt Ion:	93	Resp:	137987
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.2	39.2
123	10.6	9.0	13.4





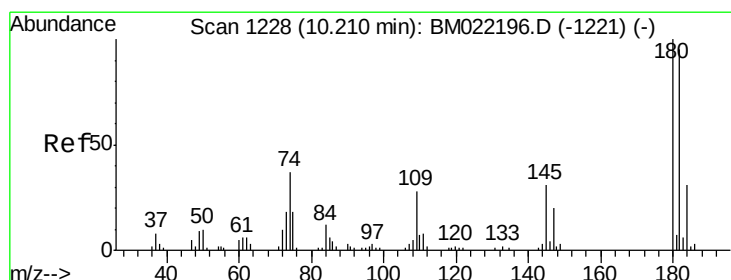
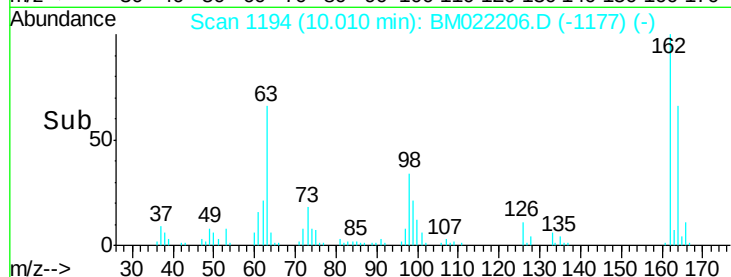
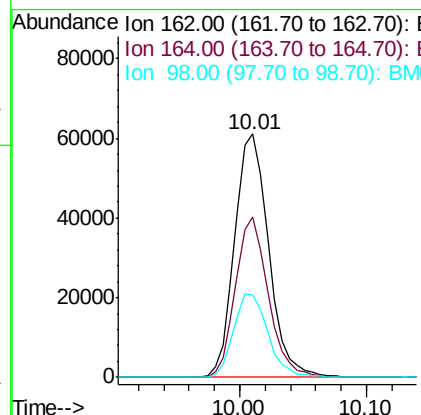
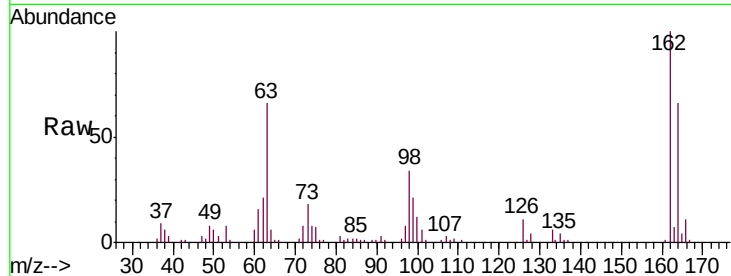
#29
2,4-Dichlorophenol
Concen: 47.236 ng
RT: 10.01 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BM022206.D
Acq: 20 Aug 2019 11:18

Instrument :
BNA_M
ClientSampleId :
TP-17MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	113425		
164	65.8	43.7	83.7	
98	34.0	13.4	53.4	

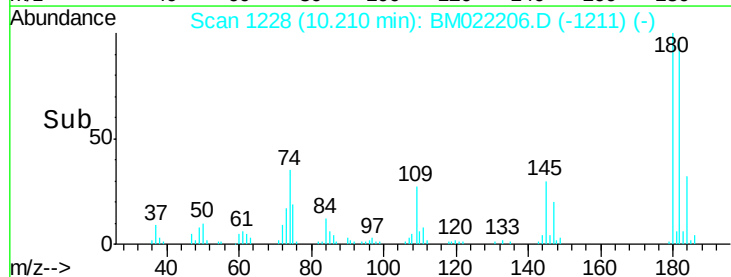
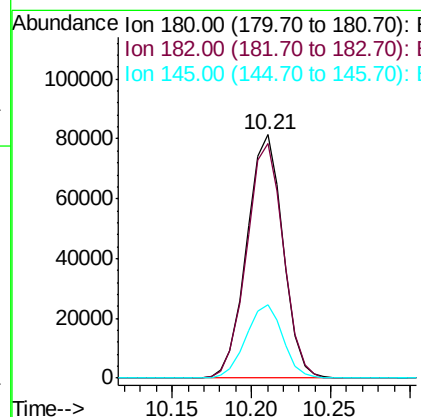
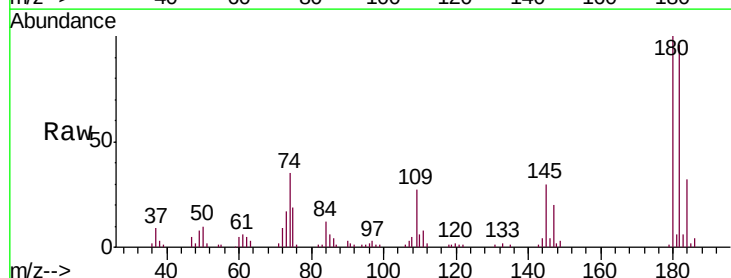
Manual Integrations
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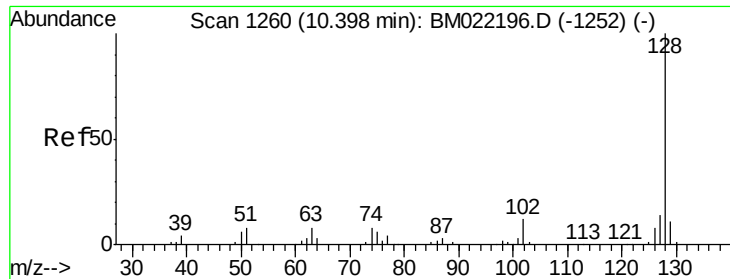
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 43.688 ng
RT: 10.21 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BM022206.D
Acq: 20 Aug 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	129221		
182	96.1	78.0	117.0	
145	30.4	23.4	35.0	





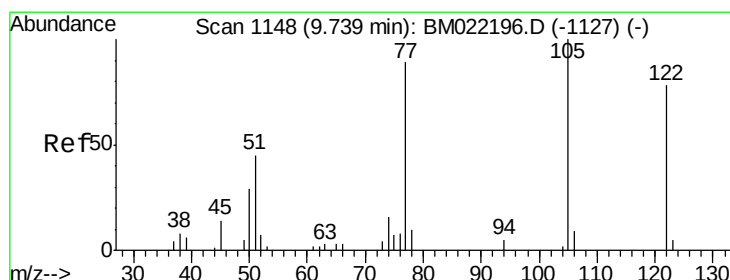
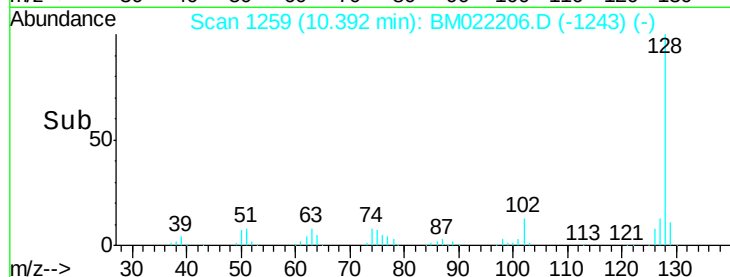
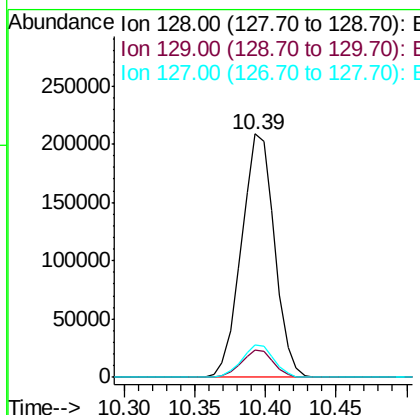
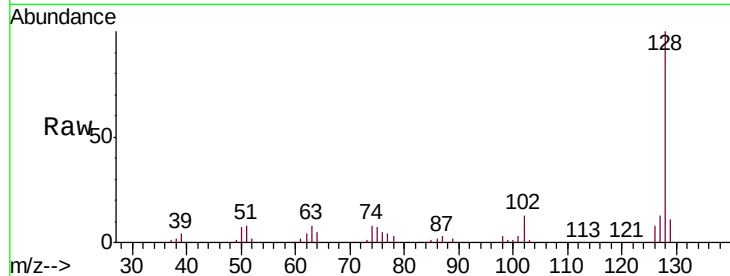
#31
Naphthalene
Concen: 44.481 ng
RT: 10.39 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BM022206.D
Acq: 20 Aug 2019 11:18

Instrument :
BNA_M
ClientSampled :
TP-17MSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	342039		
129	11.3	8.6	13.0	
127	13.5	10.8	16.2	

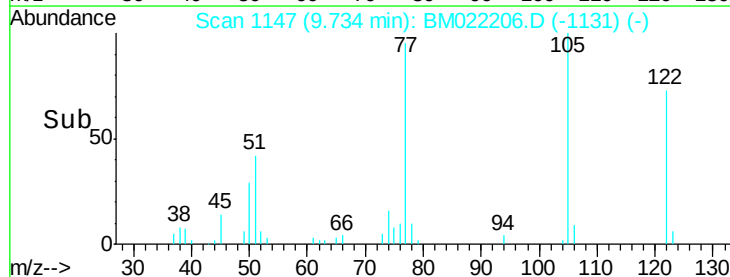
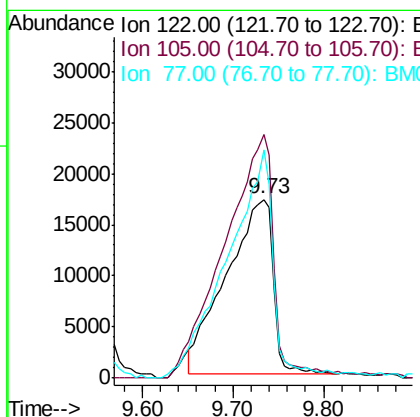
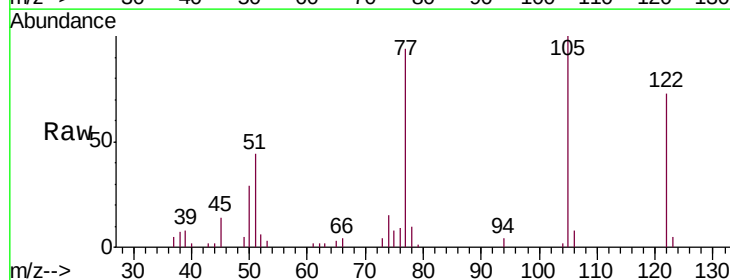
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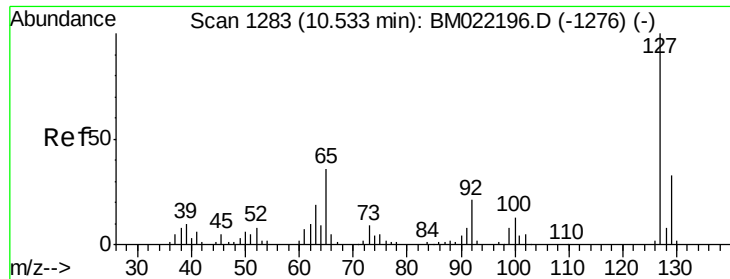
mohammad
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#32
Benzoic acid
Concen: 36.117 ng
RT: 9.73 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BM022206.D
Acq: 20 Aug 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	61350		
105	136.1	108.9	148.9	
77	127.8	76.7	116.7	





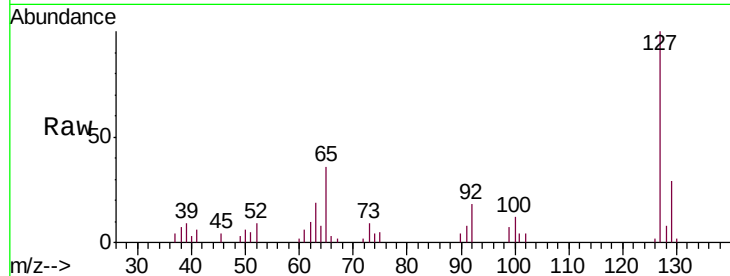
#33
4-Chloroaniline
Concen: 9.419 ng
RT: 10.54 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BM022206.D
Acq: 20 Aug 2019 11:18

Instrument :
BNA_M
ClientSampled :
TP-17MSD

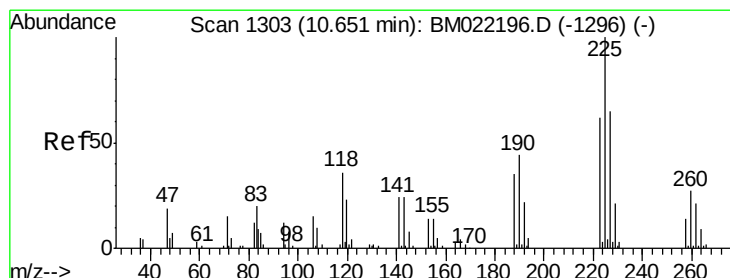
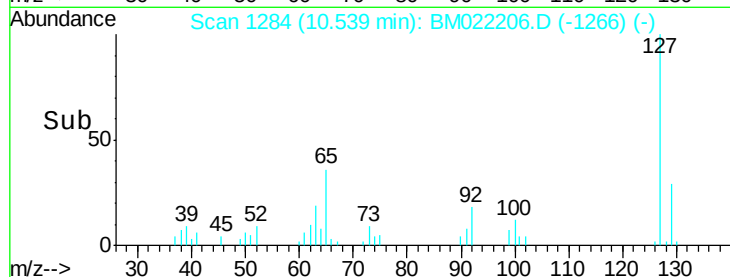
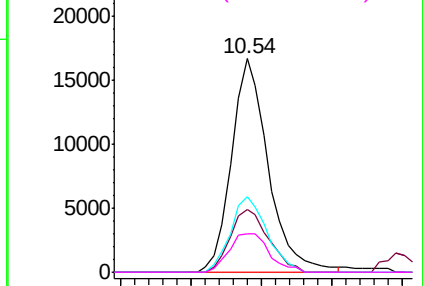
Tgt Ion:	127	Resp:	30311
Ion Ratio	Lower	Upper	
127	100		
129	29.3	25.1	37.7
65	35.5	23.8	35.8
92	18.0	15.7	23.5

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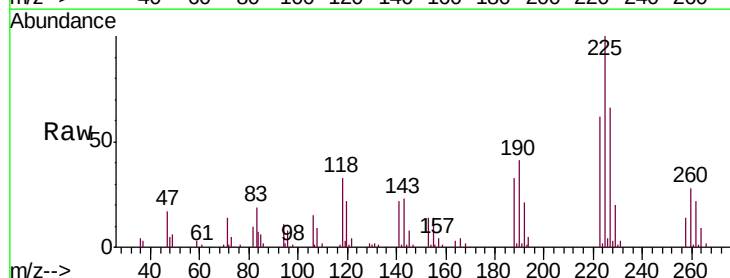


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

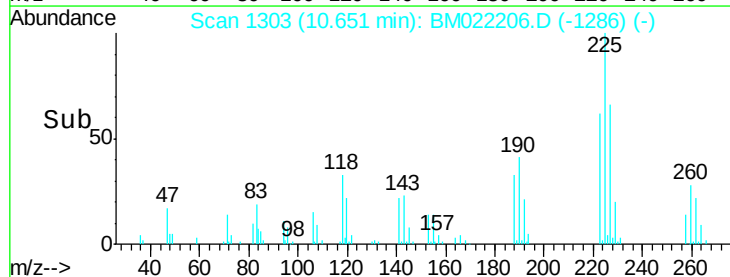
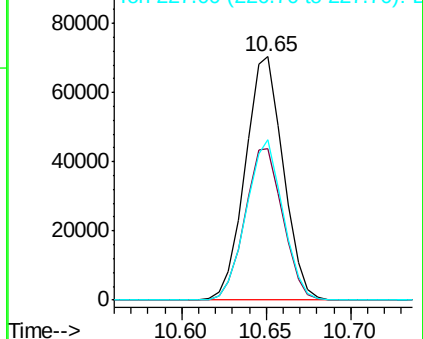


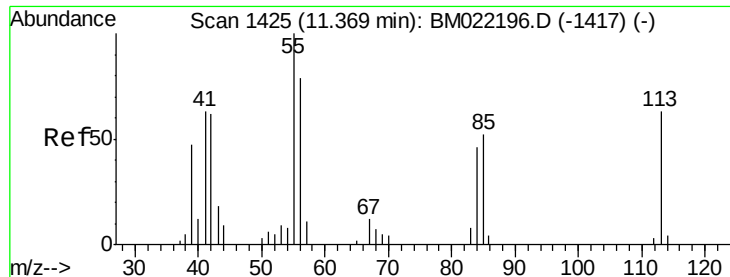
#34
Hexachlorobutadiene
Concen: 43.400 ng
RT: 10.65 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BM022206.D
Acq: 20 Aug 2019 11:18

Tgt Ion:	225	Resp:	110143
Ion Ratio	Lower	Upper	
225	100		
223	62.3	49.6	74.4
227	65.8	50.4	75.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.301 ng m

RT: 11.37 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BM022206.D

Acq: 20 Aug 2019 11:18

Instrument :

BNA_M

ClientSampleId :

TP-17MSD

Tgt Ion:113 Resp: 25368

Ion Ratio Lower Upper

113 100

55 160.1 129.8 169.8

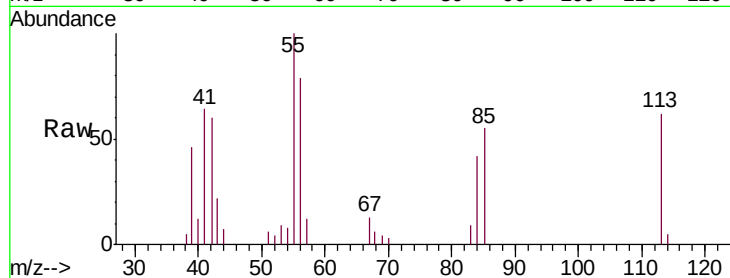
56 125.9 94.3 134.3

Manual Integrations

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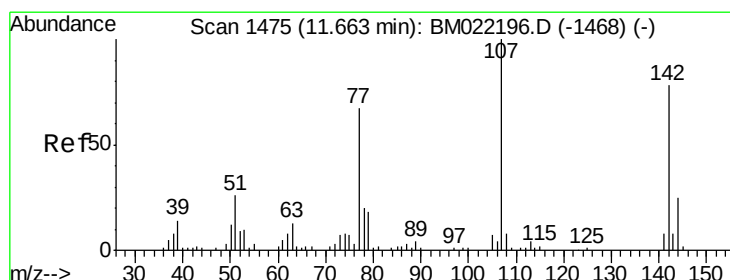
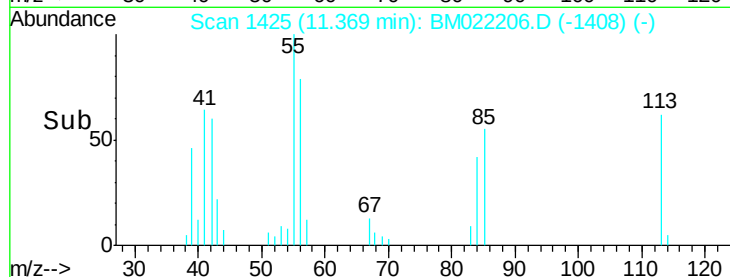
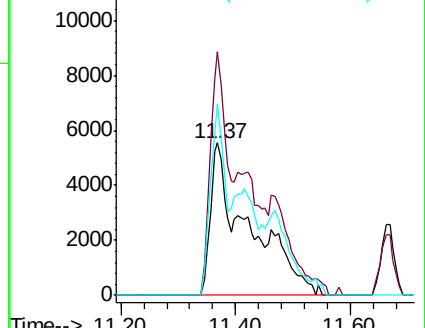
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 44.245 ng

RT: 11.66 min Scan# 1475

Delta R.T. 0.00 min

Lab File: BM022206.D

Acq: 20 Aug 2019 11:18

Tgt Ion:107 Resp: 112301

Ion Ratio Lower Upper

107 100

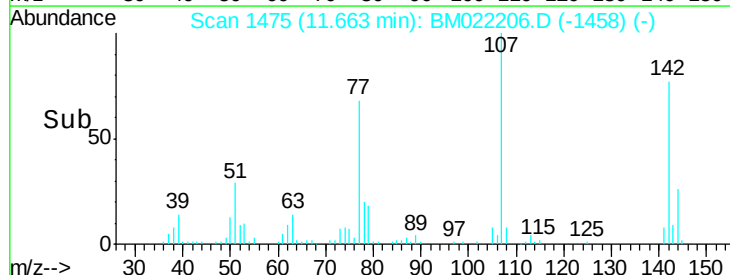
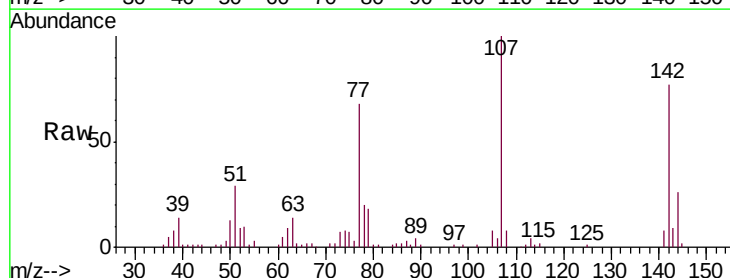
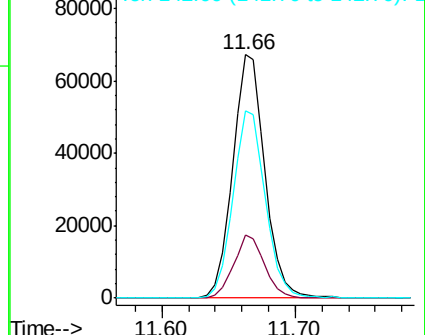
144 25.8 21.3 31.9

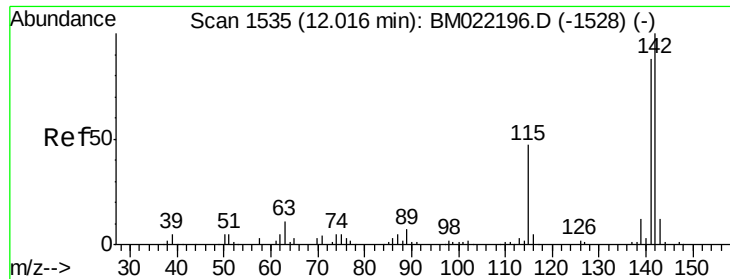
142 77.0 64.9 97.3

Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





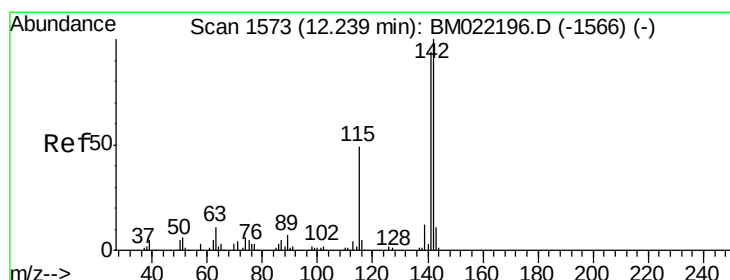
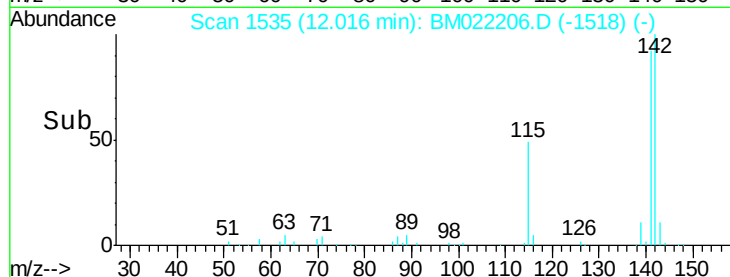
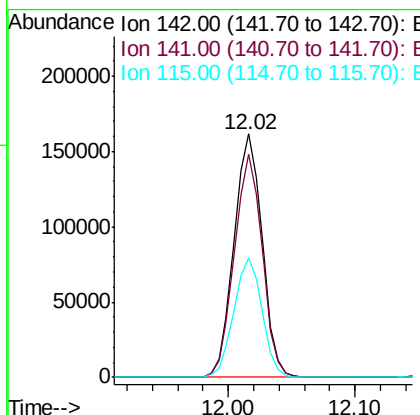
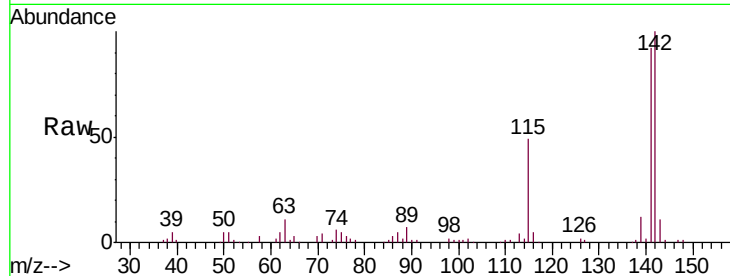
#37
2-Methylnaphthalene
Concen: 44.149 ng
RT: 12.02 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BM022206.D
Acq: 20 Aug 2019 11:18

Instrument :
BNA_M
ClientSampleId :
TP-17MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	72.2	108.2
115	49.2	27.9	41.9#

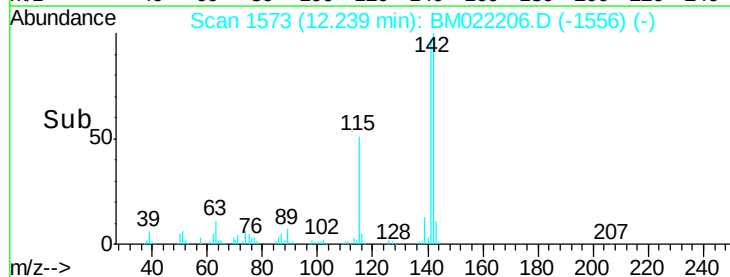
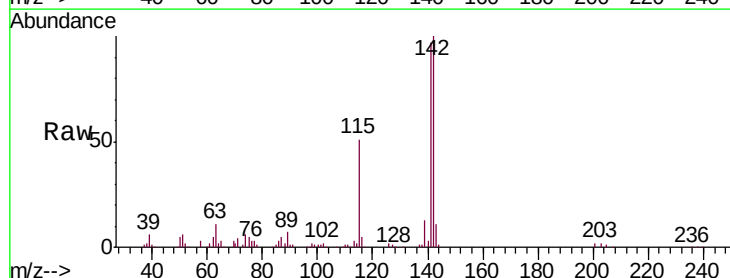
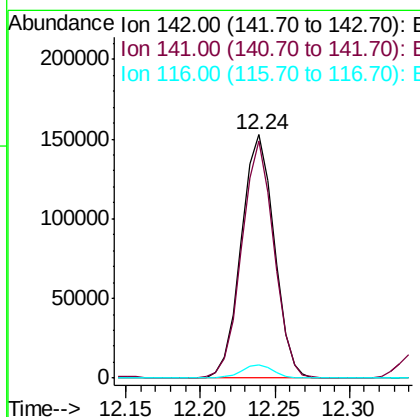
Manual Integrations
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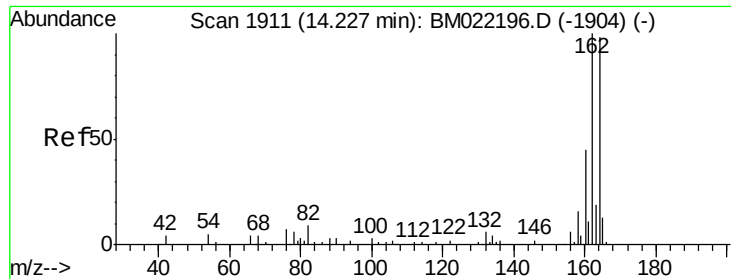
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#38
1-Methylnaphthalene
Concen: 43.528 ng
RT: 12.24 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BM022206.D
Acq: 20 Aug 2019 11:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.2	73.9	110.9
116	5.4	3.0	4.6#





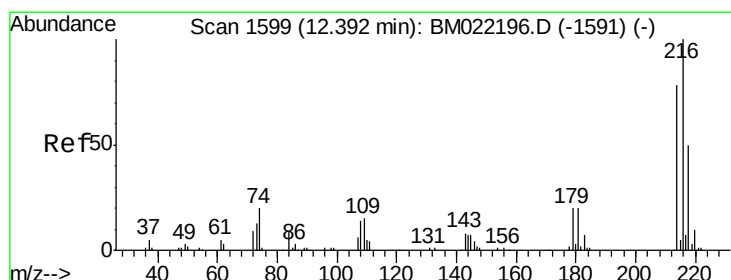
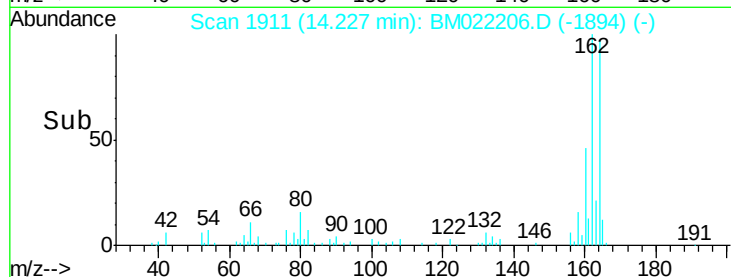
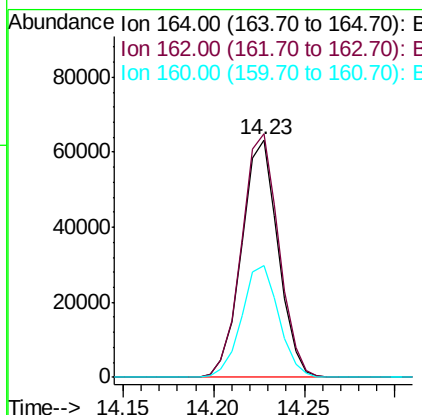
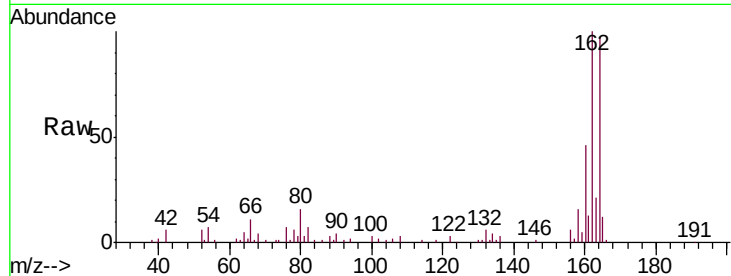
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BM022206.D
Acq: 20 Aug 2019 11:18

Instrument :
BNA_M
ClientSampleId :
TP-17MSD

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.6	88539	82.1	123.1
160	47.3		37.1	55.7

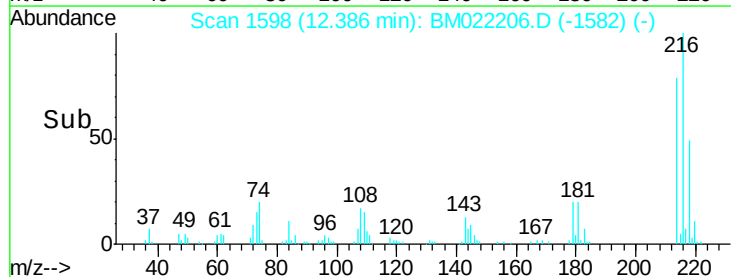
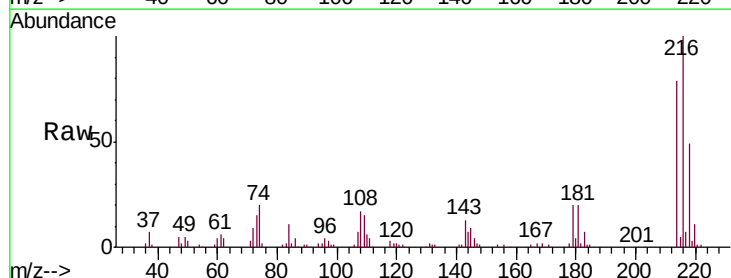
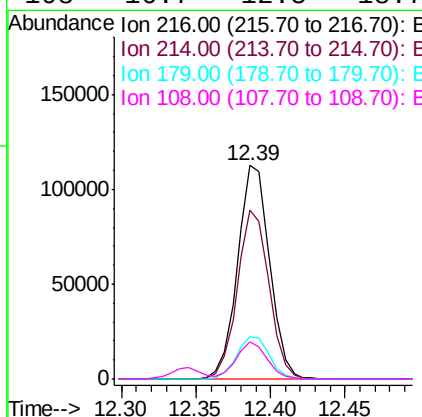
Manual Integrations
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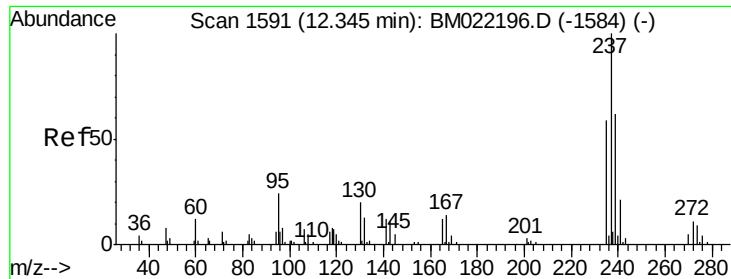
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.423 ng
RT: 12.39 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BM022206.D
Acq: 20 Aug 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	167819		
214	78.0		63.0	94.6
179	20.2		16.4	24.6
108	16.7		12.5	18.7





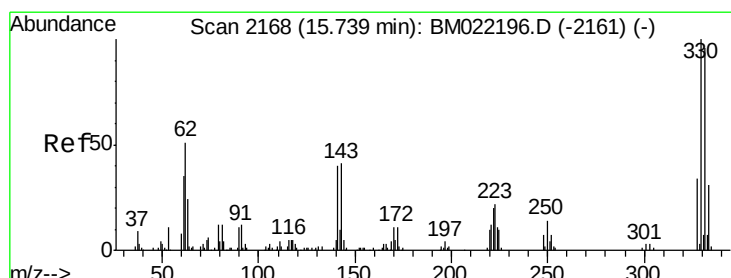
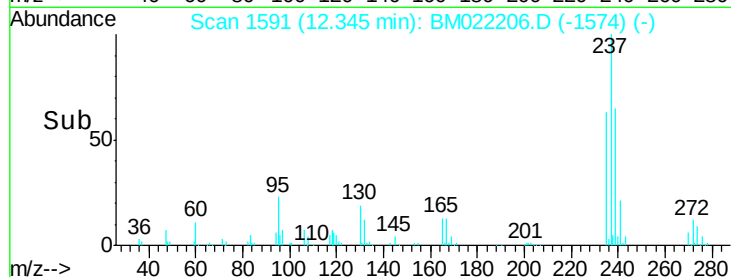
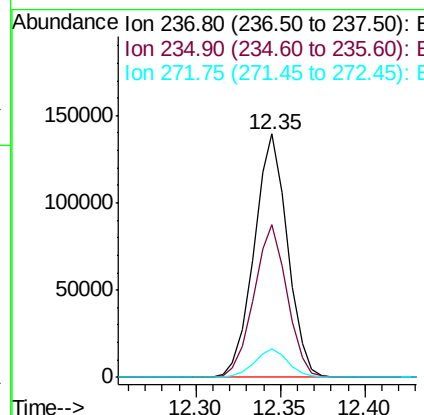
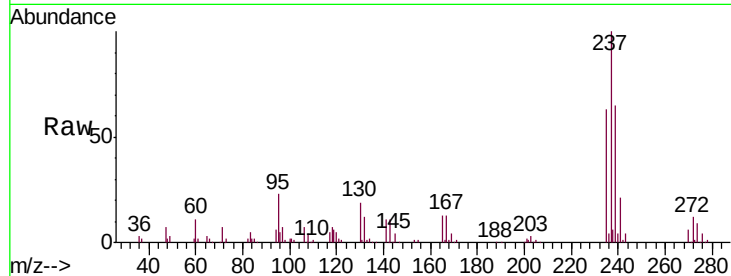
#41
Hexachlorocyclopentadiene
Concen: 92.873 ng
RT: 12.35 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BM022206.D
Acq: 20 Aug 2019 11:18

Instrument :
BNA_M
ClientSampleId :
TP-17MSD

Tgt Ion:	237	Resp:	192503
Ion Ratio	Lower	Upper	
237	100		
235	62.9	41.7	81.7
272	11.6	0.0	34.1

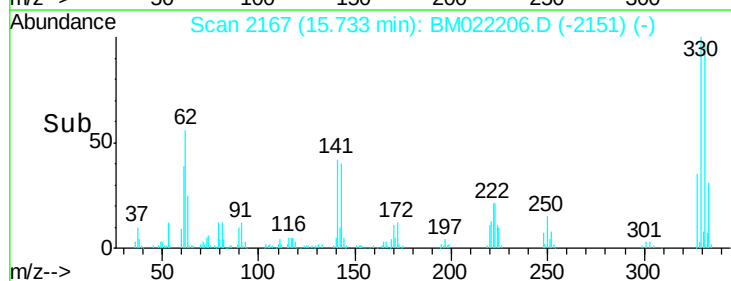
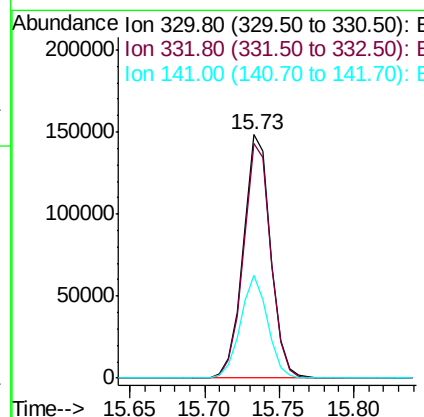
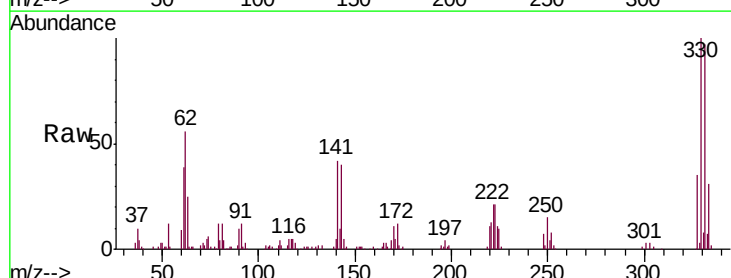
Manual Integrations
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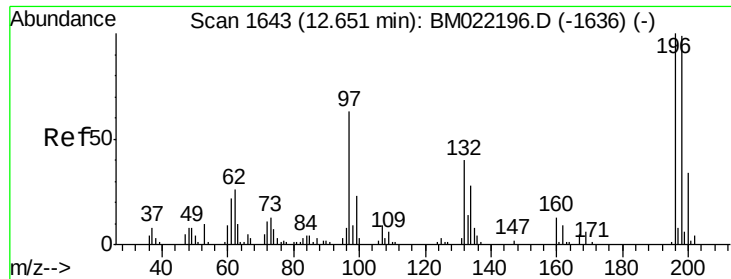
mohammad
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#42
2,4,6-Tribromophenol
Concen: 131.353 ng
RT: 15.73 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BM022206.D
Acq: 20 Aug 2019 11:18

Tgt Ion:	330	Resp:	188239
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.1	115.7
141	42.1	21.8	32.8#





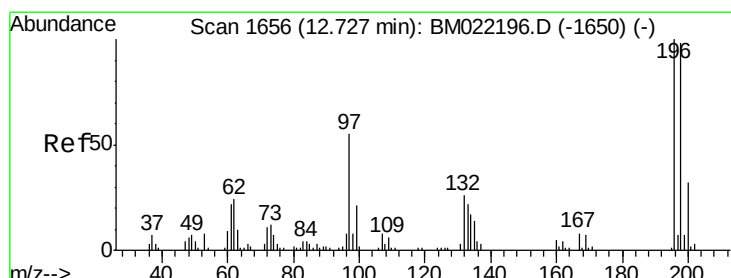
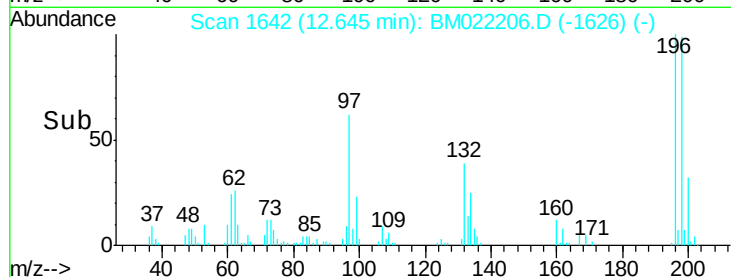
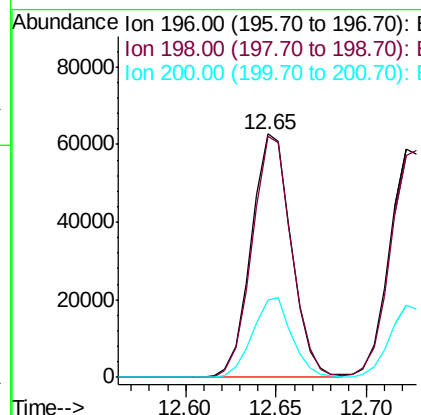
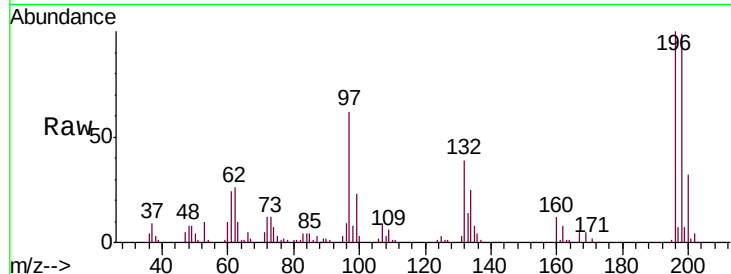
#43
 2,4,6-Trichlorophenol
 Concen: 46.339 ng
 RT: 12.65 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BM022206.D
 Acq: 20 Aug 2019 11:18

Instrument :
 BNA_M
 ClientSampleId :
 TP-17MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	96271		
198	99.0	76.7	115.1	
200	31.7	24.2	36.4	

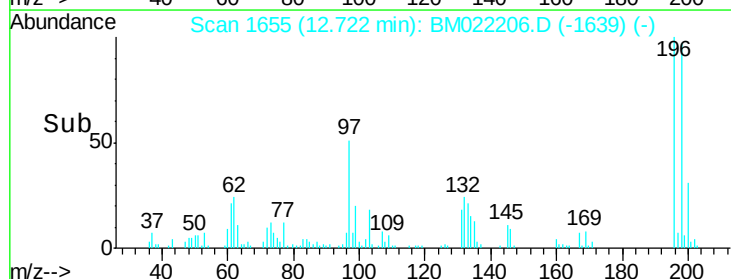
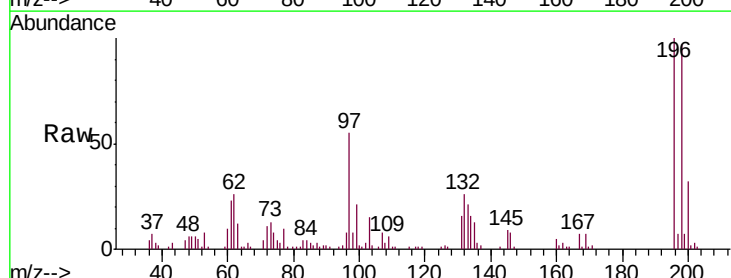
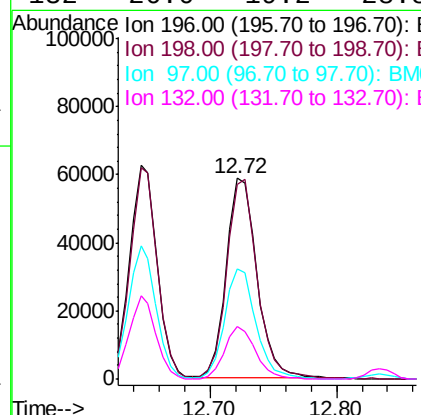
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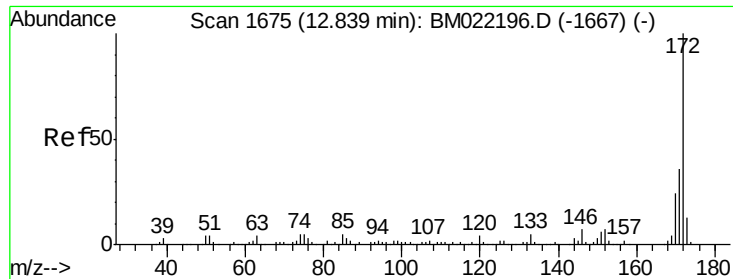
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#44
 2,4,5-Trichlorophenol
 Concen: 46.701 ng
 RT: 12.72 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BM022206.D
 Acq: 20 Aug 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	98485		
198	97.0	78.2	117.4	
97	54.6	34.1	51.1	
132	26.0	19.2	28.8	





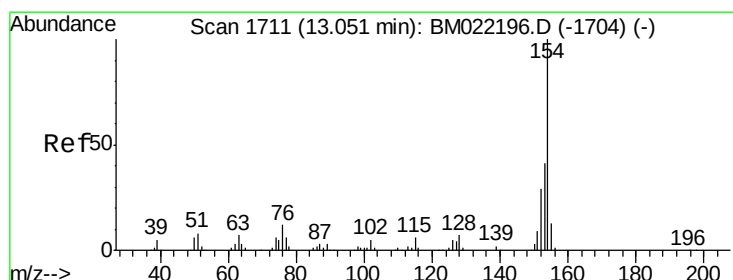
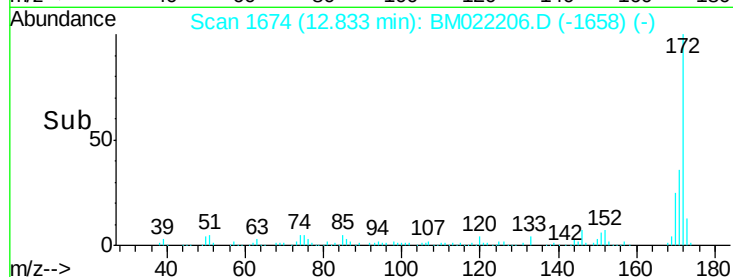
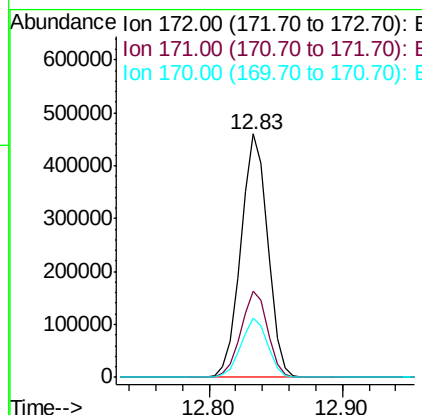
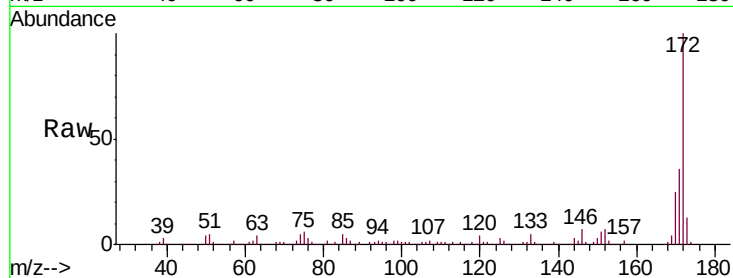
#45
 2-Fluorobiphenyl
 Concen: 90.104 ng
 RT: 12.83 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BM022206.D
 Acq: 20 Aug 2019 11:18

Instrument :
 BNA_M
 ClientSampleId :
 TP-17MSD

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	638729		
171	35.6	28.6	43.0	
170	24.5	18.7	28.1	

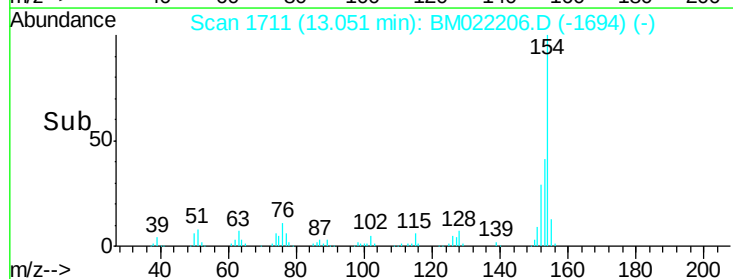
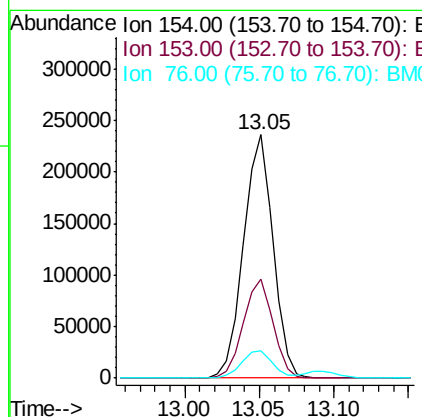
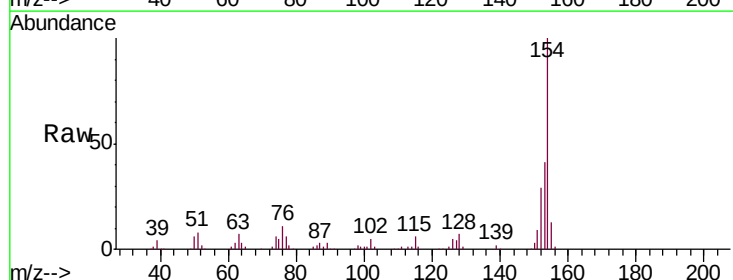
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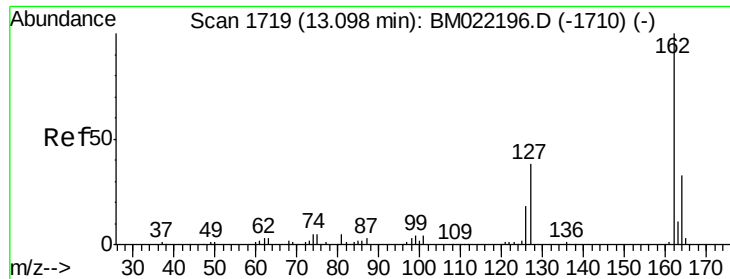
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#46
 1,1'-Biphenyl
 Concen: 46.489 ng
 RT: 13.05 min Scan# 1711
 Delta R.T. 0.00 min
 Lab File: BM022206.D
 Acq: 20 Aug 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	323709		
153	40.5	21.3	61.3	
76	11.2	0.0	30.9	





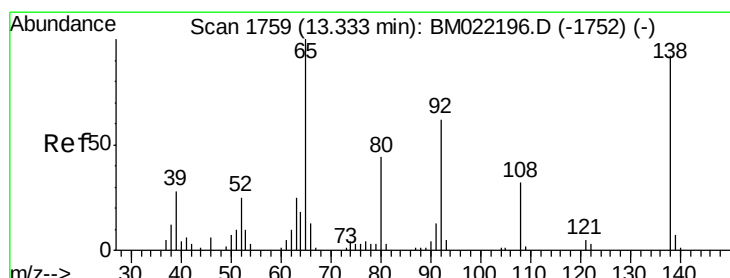
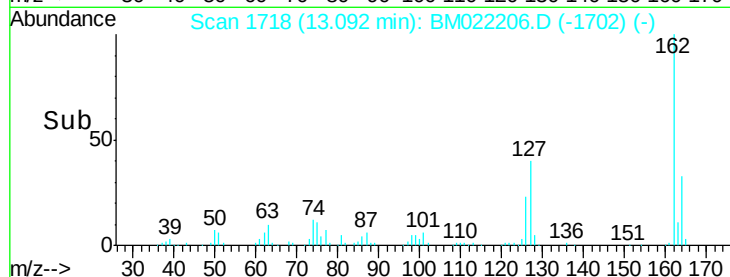
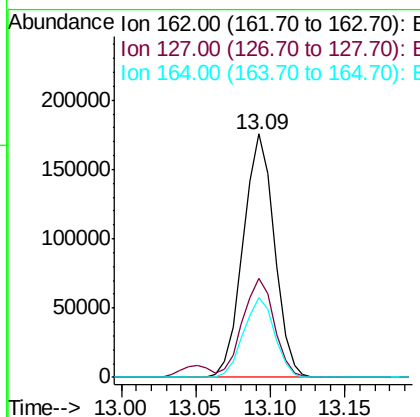
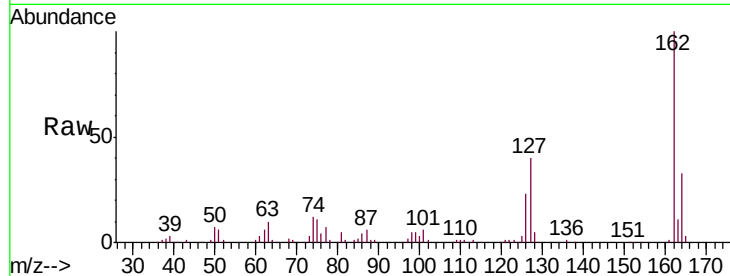
#47
 2-Chloronaphthalene
 Concen: 44.358 ng
 RT: 13.09 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BM022206.D
 Acq: 20 Aug 2019 11:18

Instrument :
 BNA_M
 ClientSampleId :
 TP-17MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.4	29.4	44.2
164	32.6	26.5	39.7

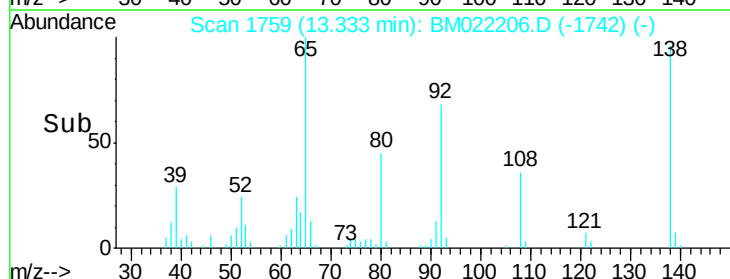
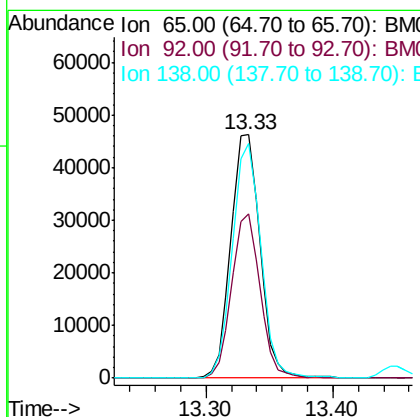
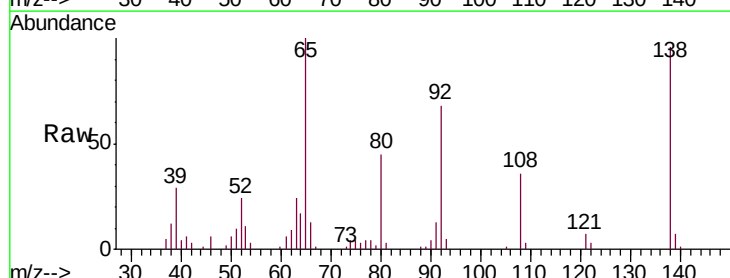
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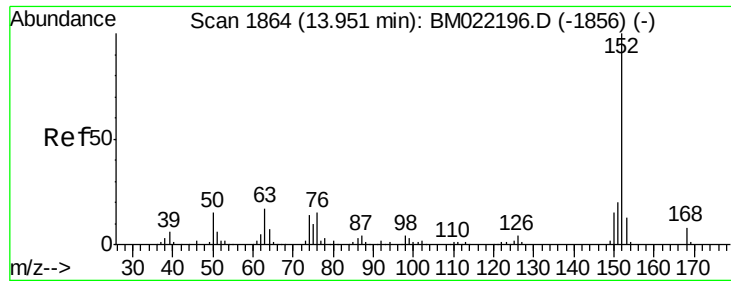
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#48
 2-Nitroaniline
 Concen: 40.891 ng
 RT: 13.33 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: BM022206.D
 Acq: 20 Aug 2019 11:18

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.5	56.3	84.5
138	96.3	92.6	139.0





#49

Acenaphthylene

Concen: 44.737 ng

RT: 13.95 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BM022206.D

Acq: 20 Aug 2019 11:18

Instrument :

BNA_M

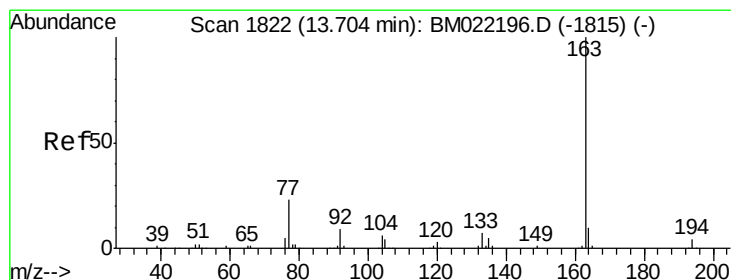
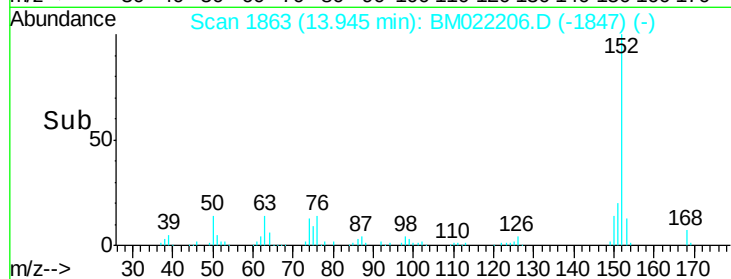
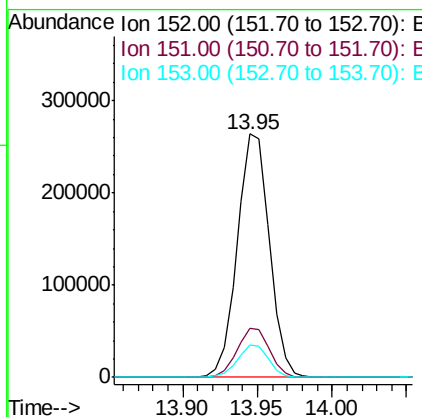
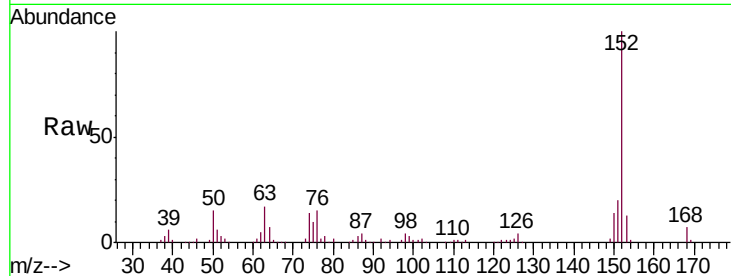
ClientSampleId :

TP-17MSD

Tgt Ion:	152	Resp:	393232
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.1	24.1
153	13.3	10.6	16.0

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#50

Dimethylphthalate

Concen: 51.249 ng

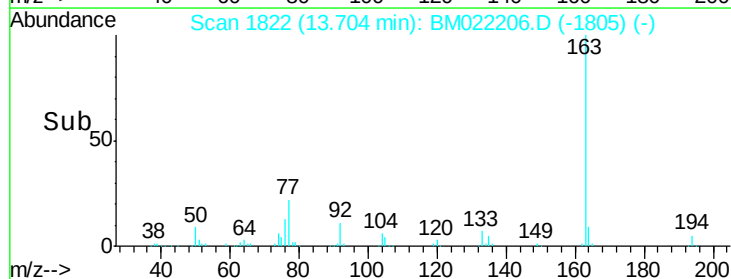
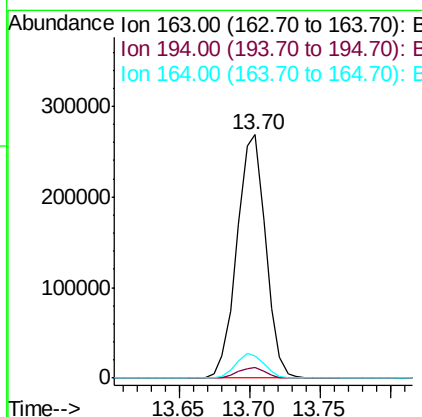
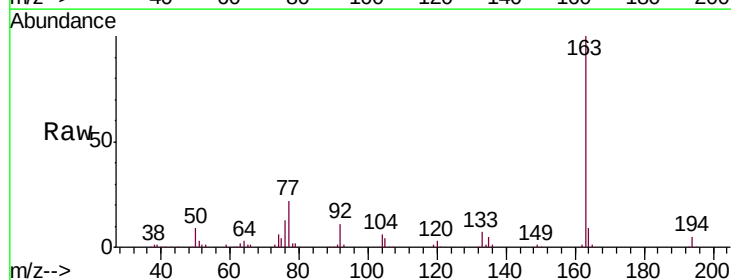
RT: 13.70 min Scan# 1822

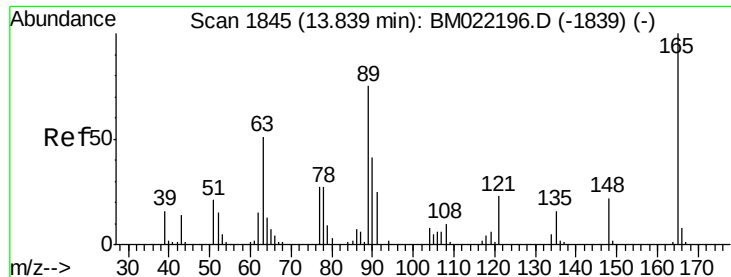
Delta R.T. 0.00 min

Lab File: BM022206.D

Acq: 20 Aug 2019 11:18

Tgt Ion:	163	Resp:	381489
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.4	5.2
164	9.3	8.2	12.2





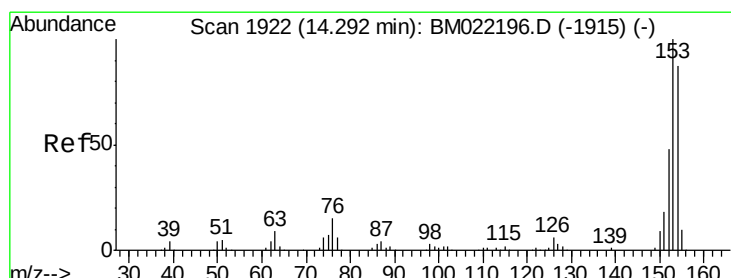
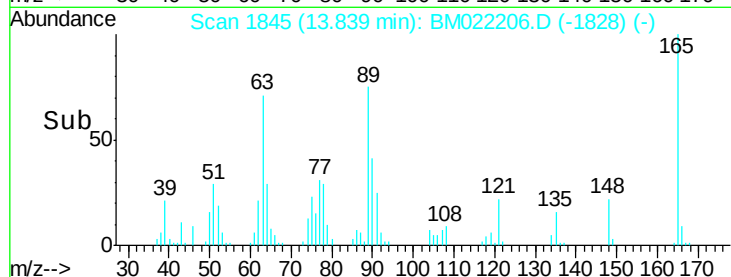
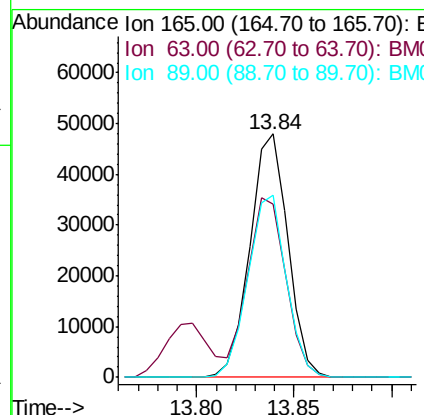
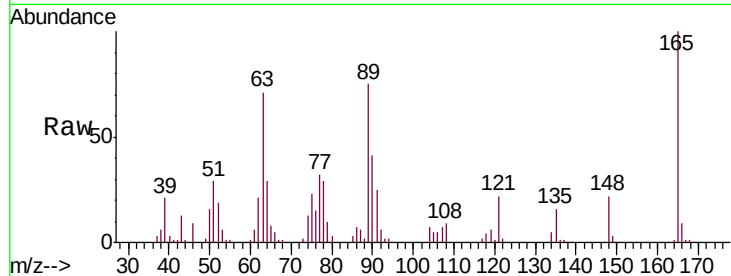
#51
 2,6-Dinitrotoluene
 Concen: 43.878 ng
 RT: 13.84 min Scan# 1845
 Delta R.T. 0.00 min
 Lab File: BM022206.D
 Acq: 20 Aug 2019 11:18

Instrument :
 BNA_M
 ClientSampleId :
 TP-17MSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	64502		
63	70.9	37.8	56.6#	
89	74.8	39.7	59.5#	

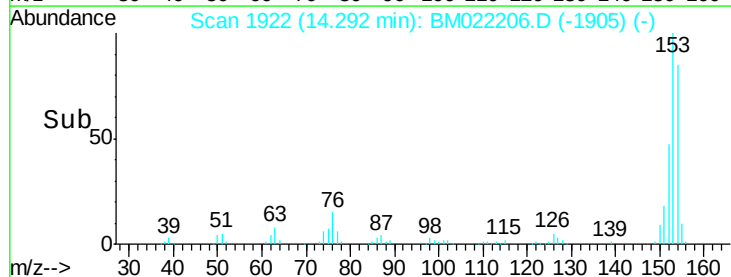
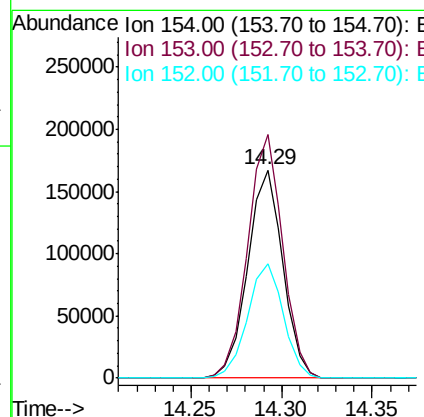
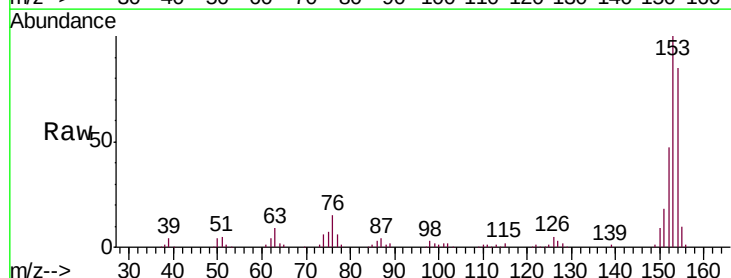
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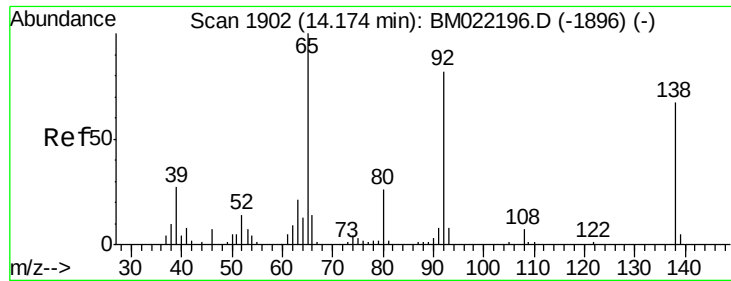
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#52
 Acenaphthene
 Concen: 43.856 ng
 RT: 14.29 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: BM022206.D
 Acq: 20 Aug 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	224803		
153	117.2	91.5	137.3	
152	55.2	42.3	63.5	





#53

3-Nitroaniline

Concen: 18.550 ng

RT: 14.17 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BM022206.D

Acq: 20 Aug 2019 11:18

Instrument :

BNA_M

ClientSampled :

TP-17MSD

Tgt Ion:138 Resp: 27157
Ion Ratio Lower Upper

138 100

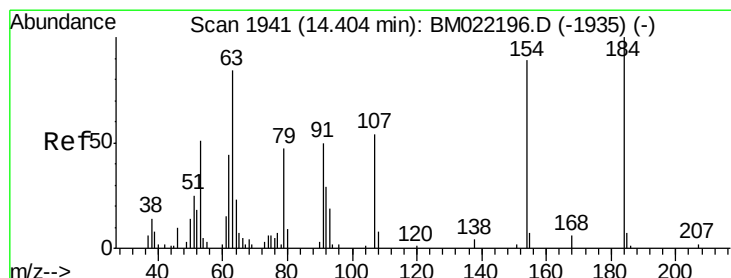
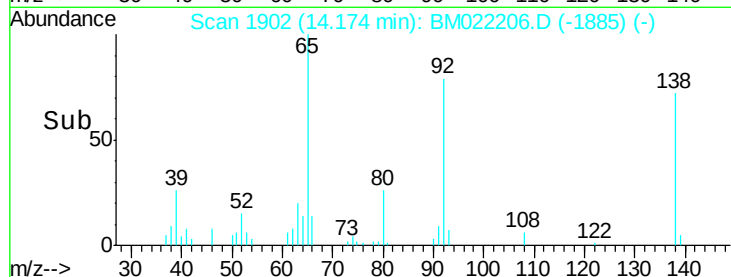
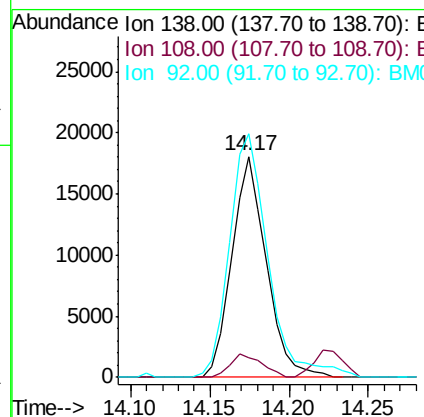
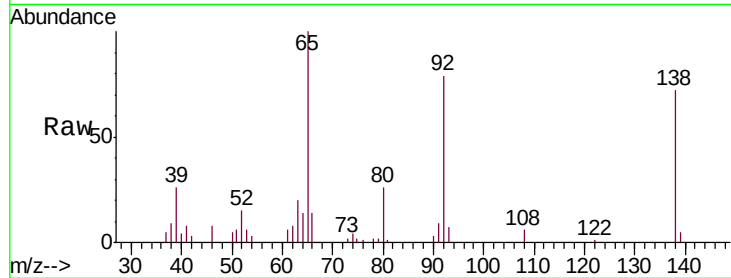
108 8.9 9.0 13.4#

92 110.1 92.2 138.2

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#54

2,4-Dinitrophenol

Concen: 65.461 ng

RT: 14.40 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BM022206.D

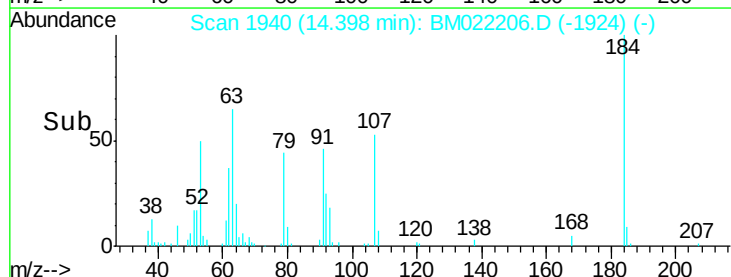
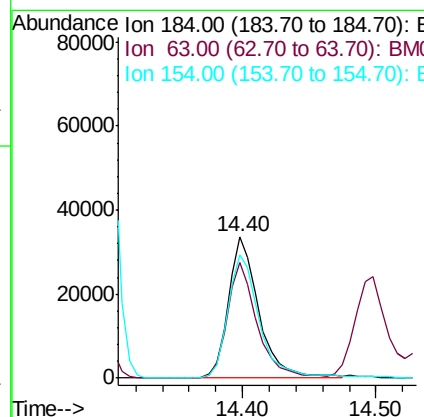
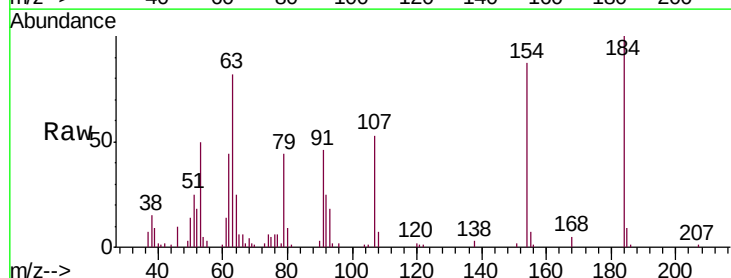
Acq: 20 Aug 2019 11:18

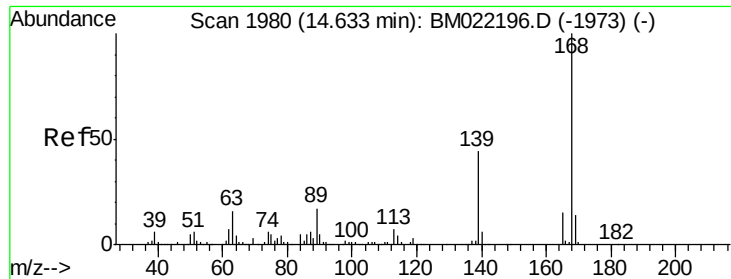
Tgt Ion:184 Resp: 53991
Ion Ratio Lower Upper

184 100

63 81.8 45.5 68.3#

154 87.5 50.6 76.0#





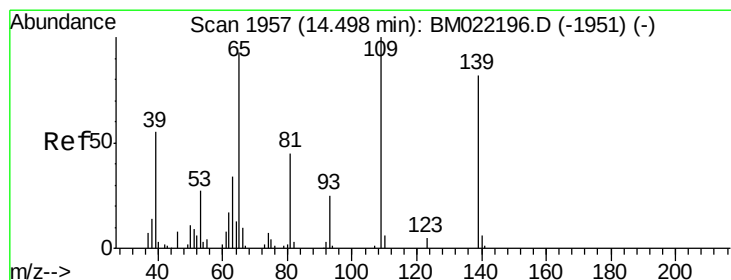
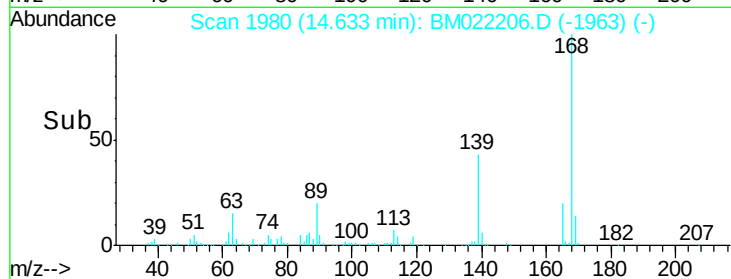
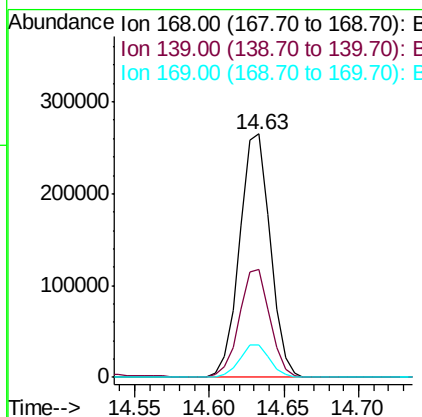
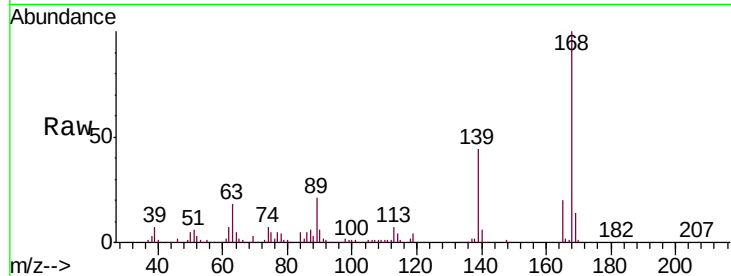
#55
Dibenzofuran
Concen: 44.278 ng
RT: 14.63 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BM022206.D
Acq: 20 Aug 2019 11:18

Instrument :
BNA_M
ClientSampleId :
TP-17MSD

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	377151		
139	44.4	28.4	42.6#	
169	13.5	10.6	16.0	

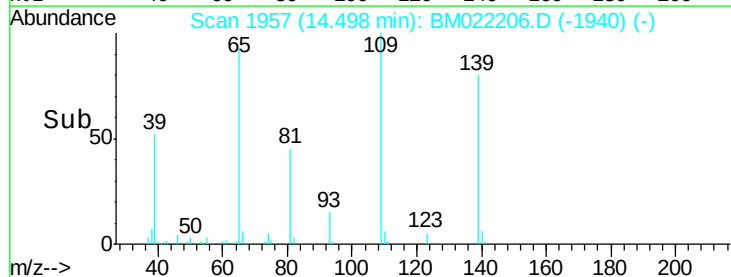
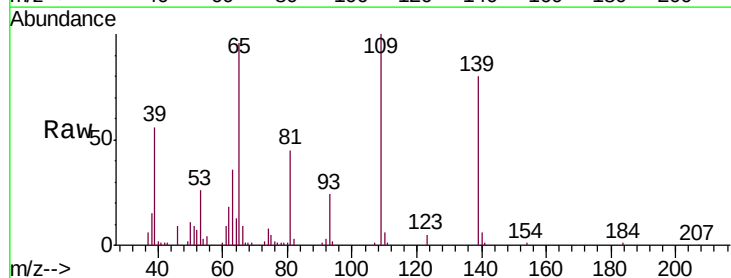
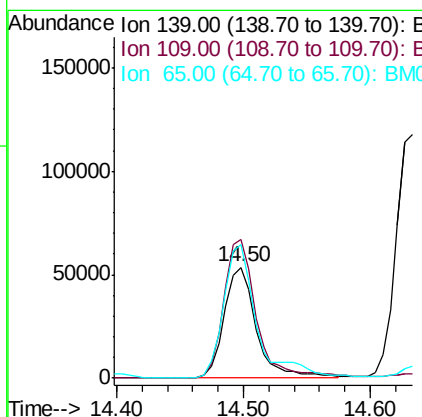
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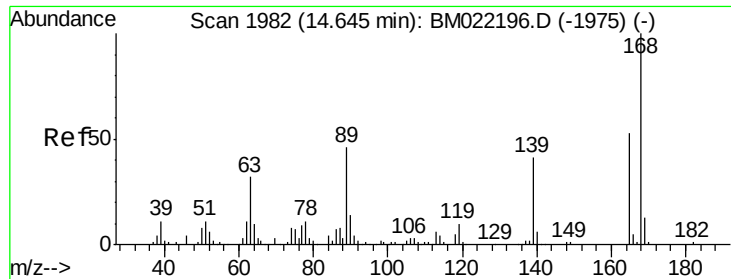
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#56
4-Nitrophenol
Concen: 96.699 ng
RT: 14.50 min Scan# 1957
Delta R.T. 0.00 min
Lab File: BM022206.D
Acq: 20 Aug 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	94350		
109	125.4	53.3	93.3#	
65	120.2	70.3	110.3#	





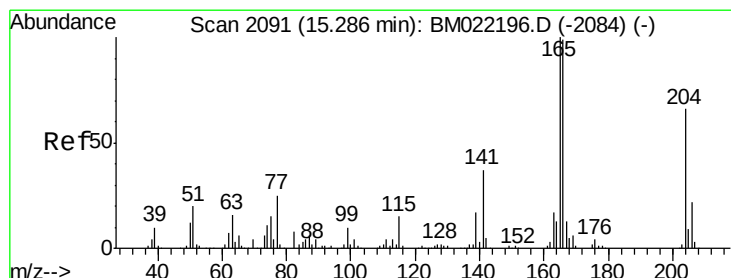
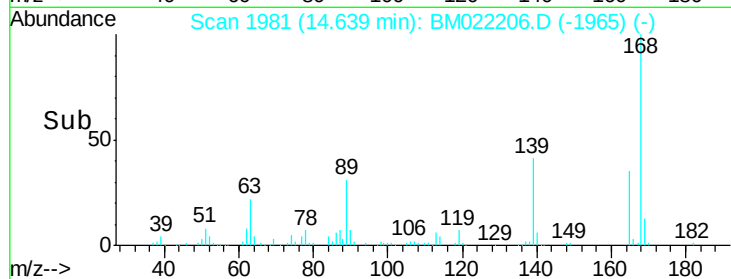
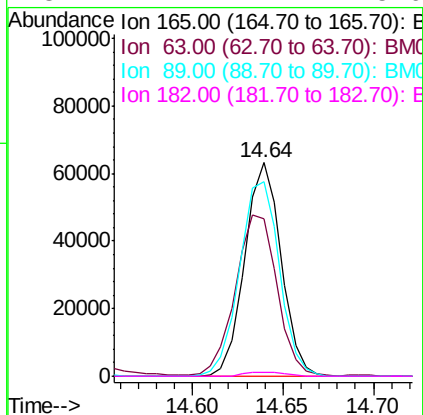
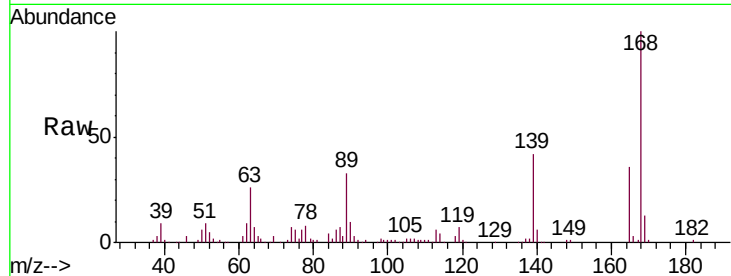
#57
 2,4-Dinitrotoluene
 Concen: 41.824 ng
 RT: 14.64 min Scan# 1981
 Delta R.T. -0.01 min
 Lab File: BM022206.D
 Acq: 20 Aug 2019 11:18

Instrument :
 BNA_M
 ClientSampleId :
 TP-17MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	73.7	29.6	44.4#
89	91.2	49.5	74.3#
182	2.1	2.4	3.6#

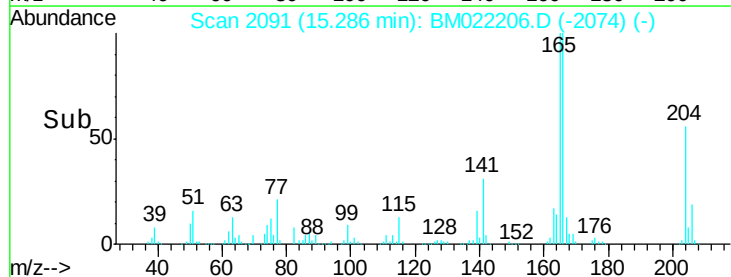
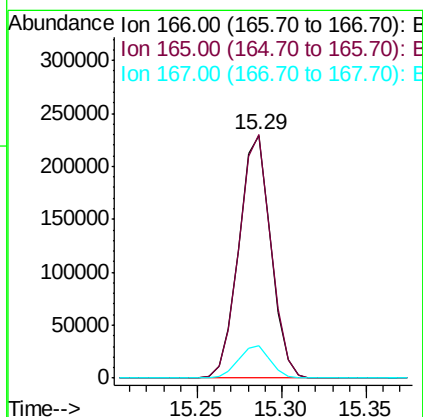
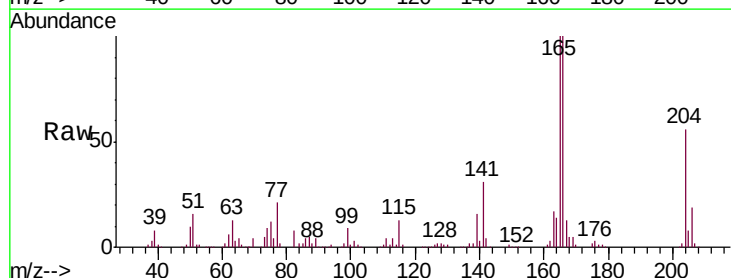
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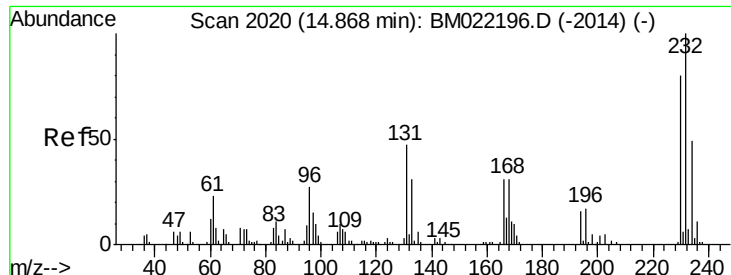
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#58
 Fluorene
 Concen: 42.240 ng
 RT: 15.29 min Scan# 2091
 Delta R.T. 0.00 min
 Lab File: BM022206.D
 Acq: 20 Aug 2019 11:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	100.4	78.6	117.8
167	13.3	10.9	16.3





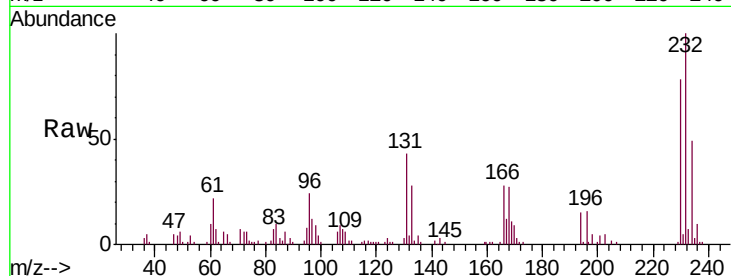
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.368 ng
 RT: 14.87 min Scan# 2020
 Delta R.T. 0.00 min
 Lab File: BM022206.D
 Acq: 20 Aug 2019 11:18

Instrument :
 BNA_M
 ClientSampled :
 TP-17MSD

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	93284		
131	44.7	30.6	46.0	
130	2.7	1.7	2.5	
166	28.7	23.4	35.0	

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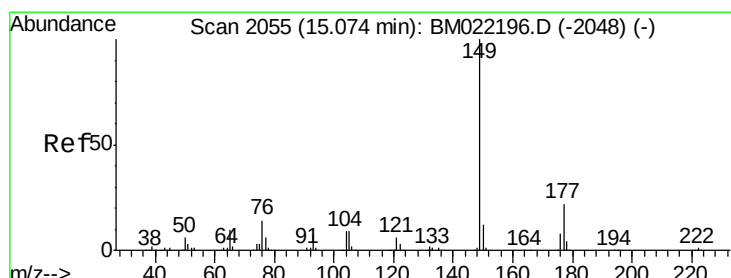
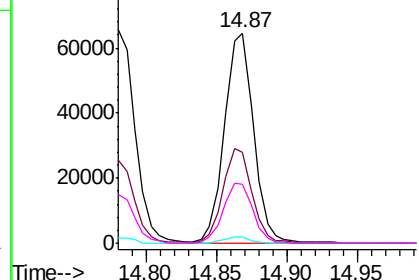
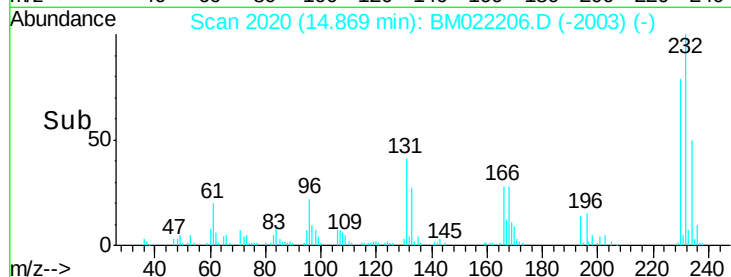
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

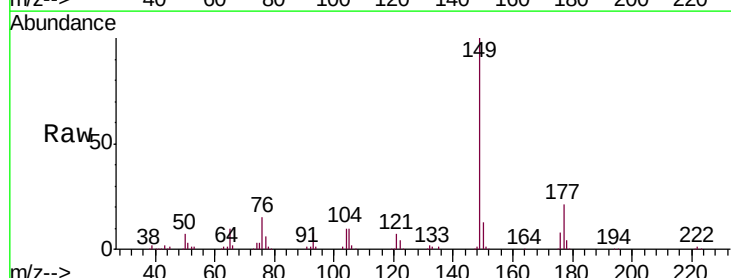
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.695 ng
 RT: 15.07 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BM022206.D
 Acq: 20 Aug 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	319447		
177	20.8	19.1	28.7	
150	12.8	10.1	15.1	

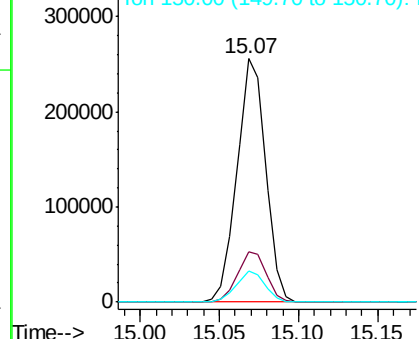
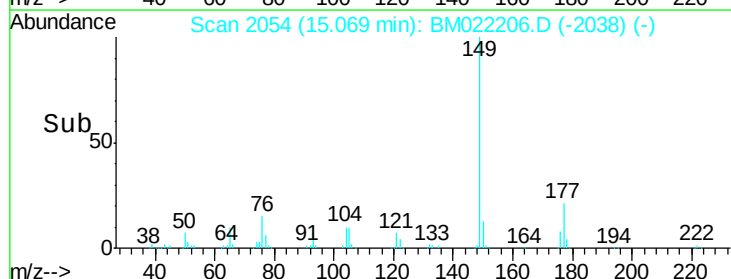


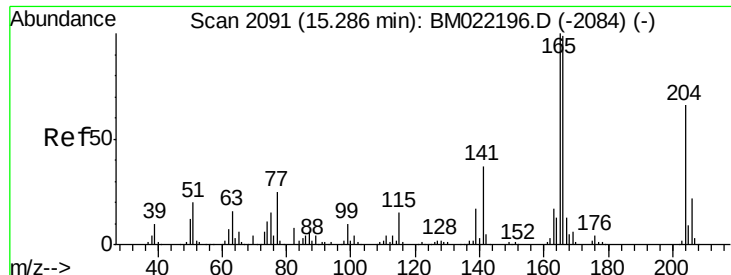
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





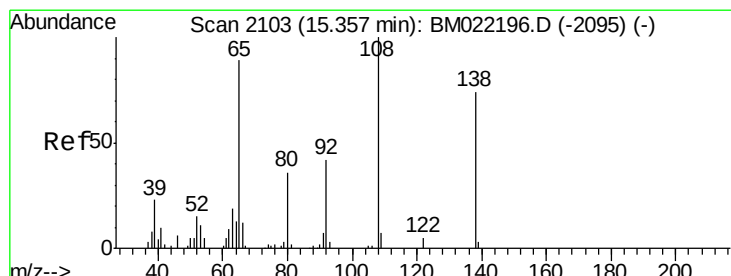
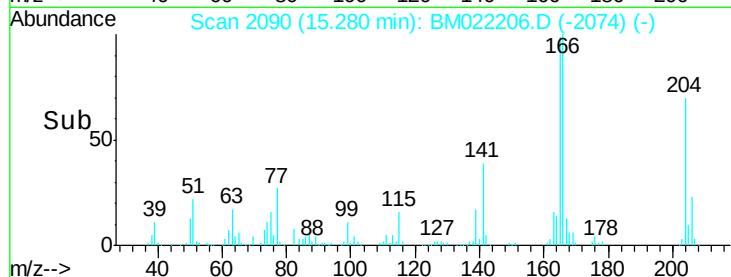
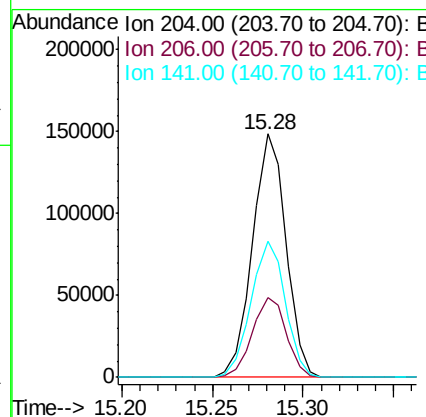
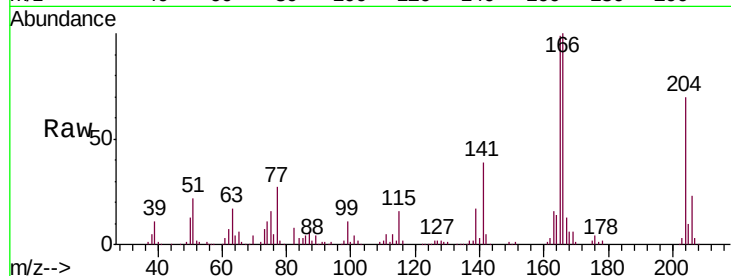
#61
 4-Chlorophenyl-phenylether
 Concen: 42.197 ng
 RT: 15.28 min Scan# 2090
 Delta R.T. -0.01 min
 Lab File: BM022206.D
 Acq: 20 Aug 2019 11:18

Instrument :
 BNA_M
 ClientSampleId :
 TP-17MSD

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	190960		
206	33.0	26.1	39.1	
141	55.7	40.7	61.1	

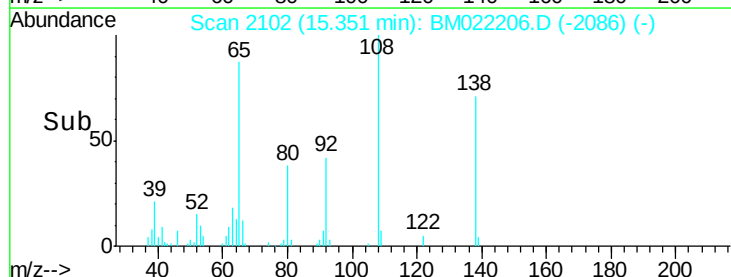
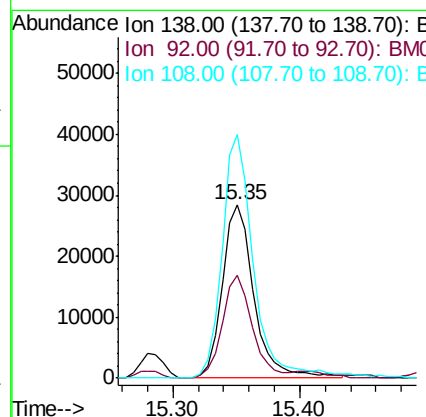
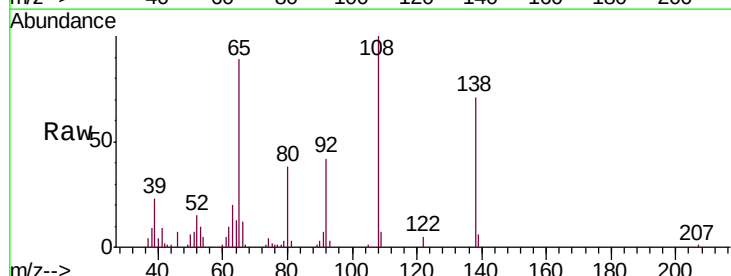
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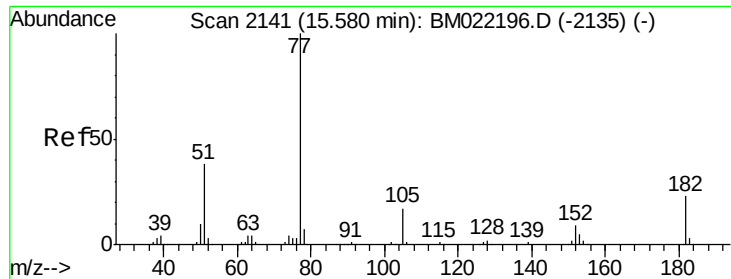
mohammad
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#62
 4-Nitroaniline
 Concen: 36.376 ng
 RT: 15.35 min Scan# 2102
 Delta R.T. -0.01 min
 Lab File: BM022206.D
 Acq: 20 Aug 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	49288		
92	59.0	29.1	69.1	
108	140.3	59.2	99.2#	





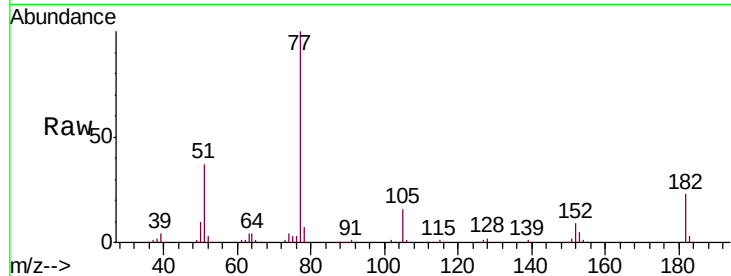
#63
Azobenzene
Concen: 42.801 ng
RT: 15.57 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BM022206.D
Acq: 20 Aug 2019 11:18

Instrument :
BNA_M
ClientSampleId :
TP-17MSD

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	323756		
182	23.2	12.6	52.6	
105	16.5	1.1	41.1	
51	37.3	6.9	46.9	

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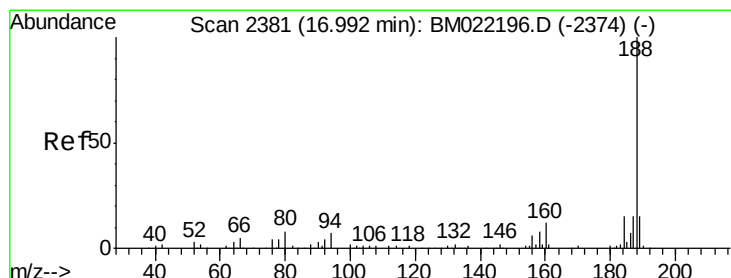
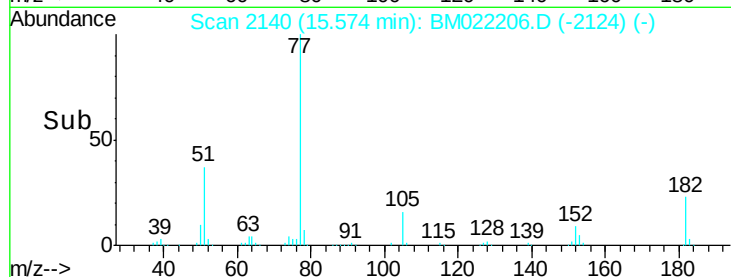
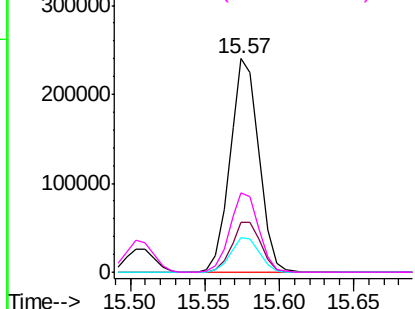


Abundance Ion 77.00 (76.70 to 77.70): BM022206.D (-2124) (-)

Ion 182.00 (181.70 to 182.70): E

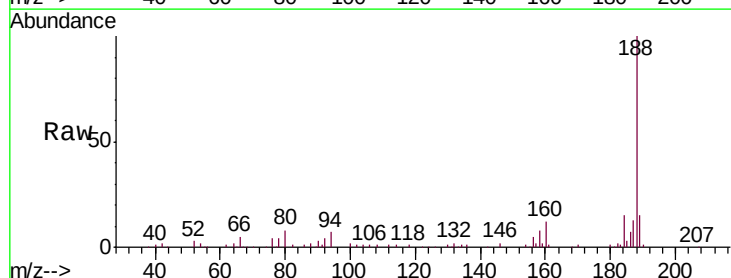
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM022206.D (-2124) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.01 min
Lab File: BM022206.D
Acq: 20 Aug 2019 11:18

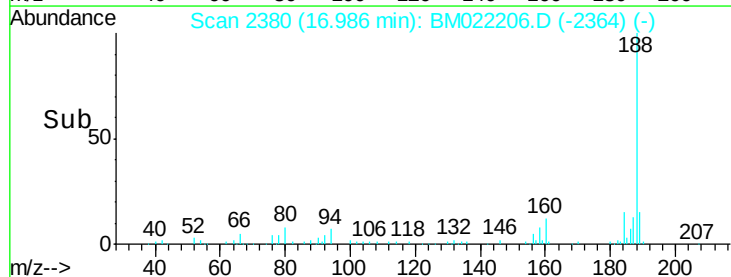
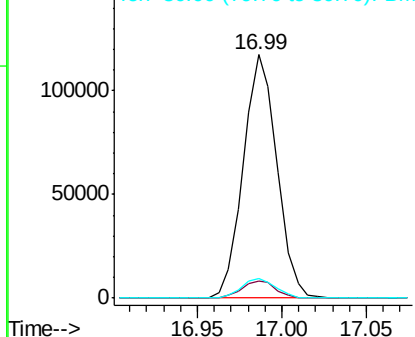
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	162257		
94	7.2	5.8	8.8	
80	7.8	6.9	10.3	

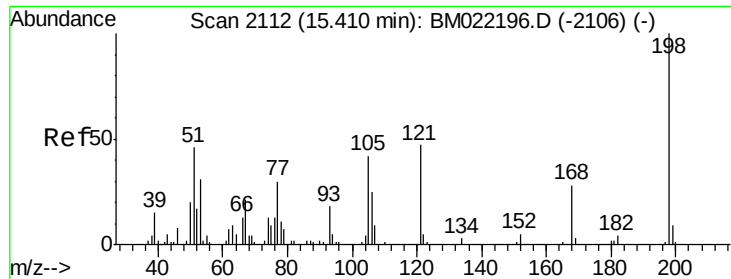


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM022206.D (-2364) (-)

Ion 80.00 (79.70 to 80.70): BM022206.D (-2364) (-)





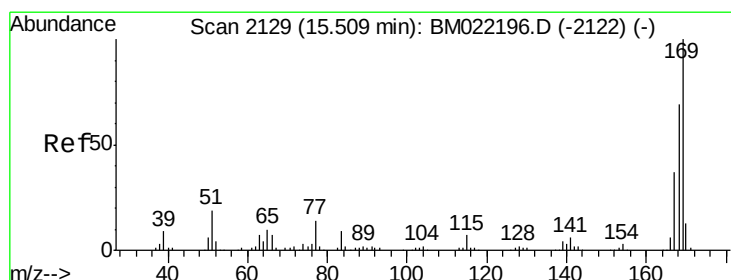
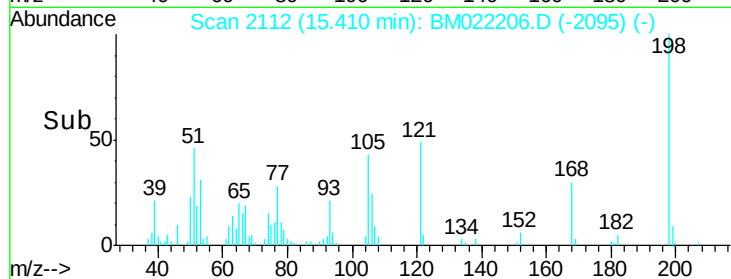
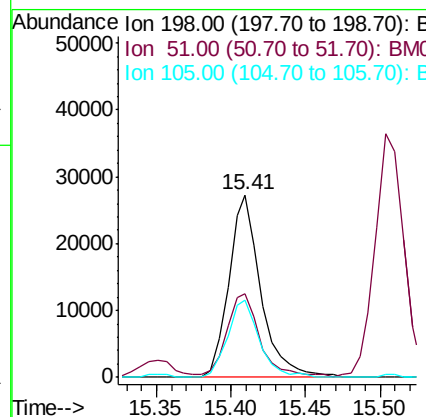
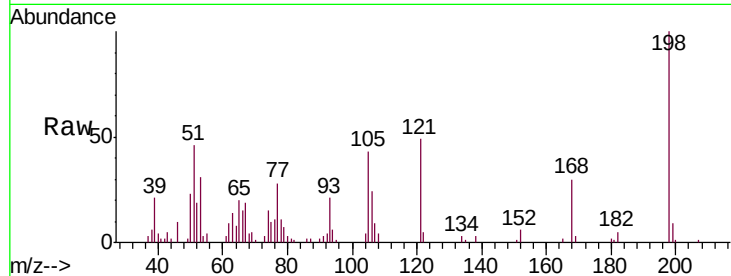
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.184 ng
 RT: 15.41 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: BM022206.D
 Acq: 20 Aug 2019 11:18

Instrument :
 BNA_M
 ClientSampled :
 TP-17MSD

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	40850		
51	45.6	15.3	55.3	
105	42.5	16.8	56.8	

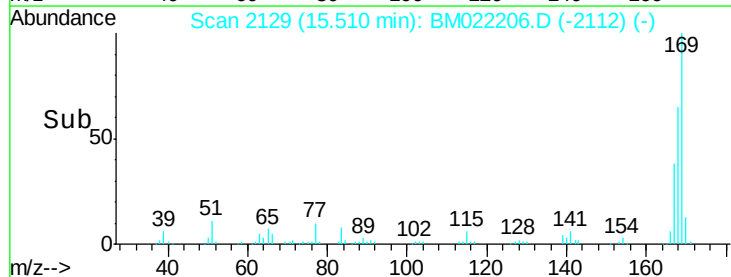
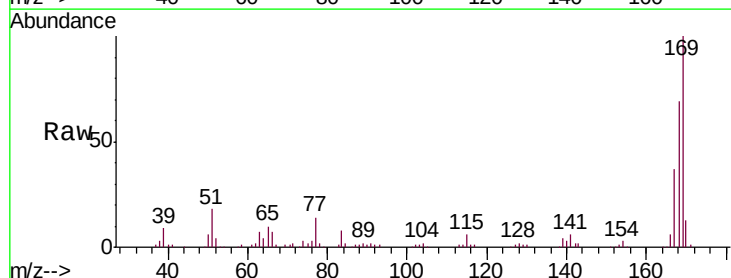
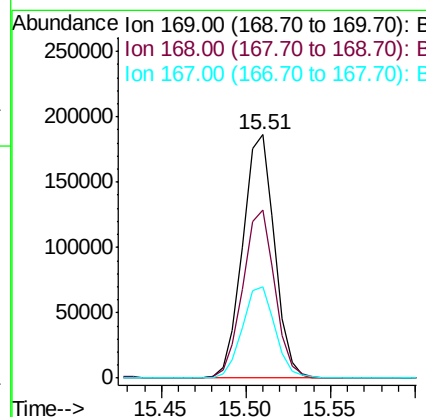
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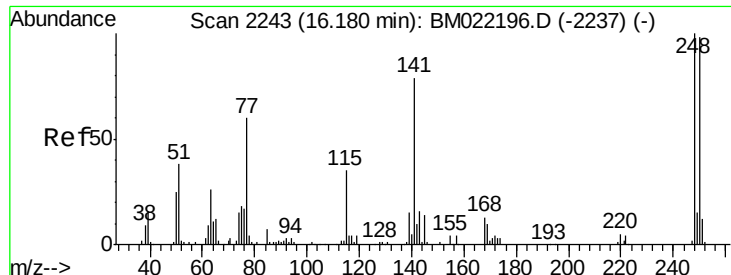
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#66
 n-Nitrosodiphenylamine
 Concen: 47.218 ng
 RT: 15.51 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: BM022206.D
 Acq: 20 Aug 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	245662		
168	69.0	54.5	81.7	
167	37.5	29.0	43.6	





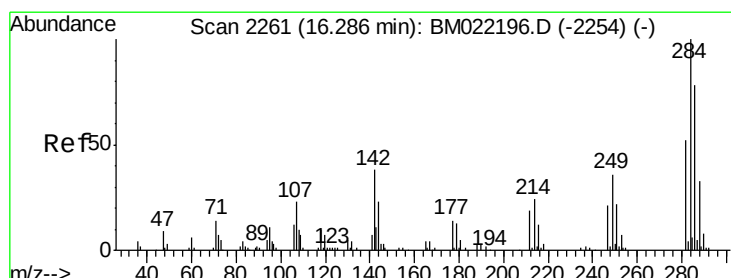
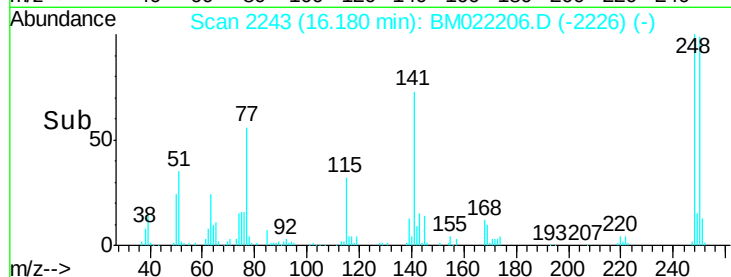
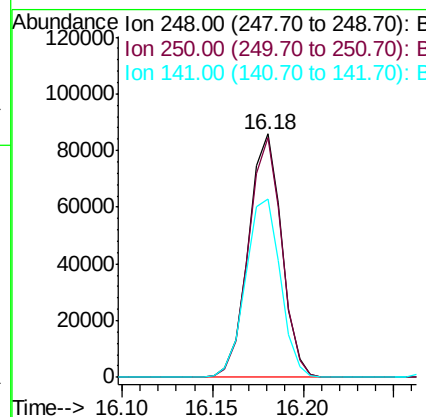
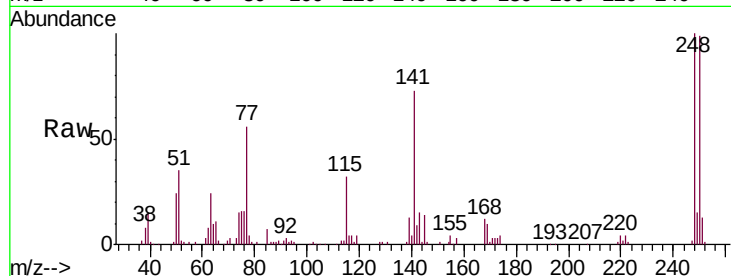
#67
 4-Bromophenyl-phenylether
 Concen: 45.598 ng
 RT: 16.18 min Scan# 2243
 Delta R.T. 0.00 min
 Lab File: BM022206.D
 Acq: 20 Aug 2019 11:18

Instrument :
 BNA_M
 ClientSampleId :
 TP-17MSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.7	77.5	116.3
141	73.1	47.8	71.6

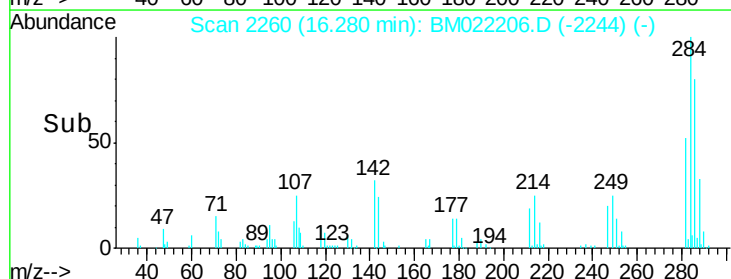
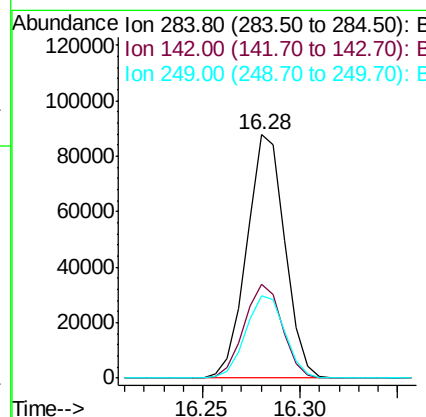
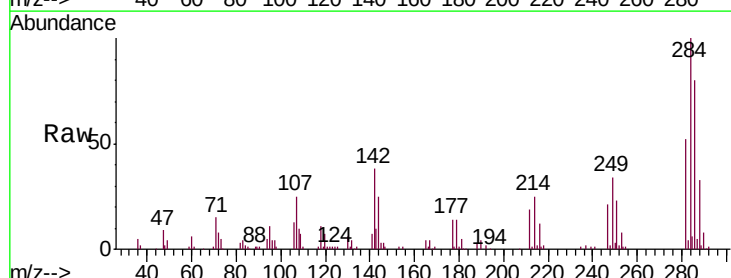
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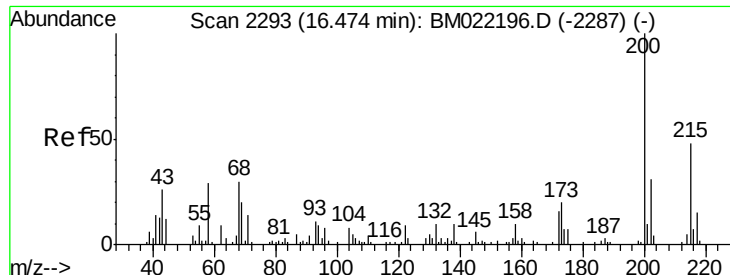
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#68
 Hexachlorobenzene
 Concen: 43.359 ng
 RT: 16.28 min Scan# 2260
 Delta R.T. -0.01 min
 Lab File: BM022206.D
 Acq: 20 Aug 2019 11:18

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.4	21.2	31.8
249	34.0	23.4	35.0





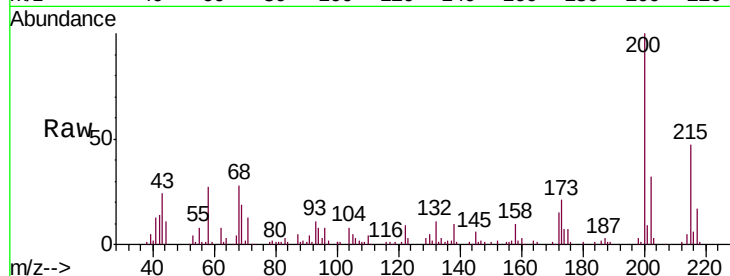
#69
 Atrazine
 Concen: 51.702 ng
 RT: 16.47 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BM022206.D
 Acq: 20 Aug 2019 11:18

Instrument :
 BNA_M
 ClientSampleId :
 TP-17MSD

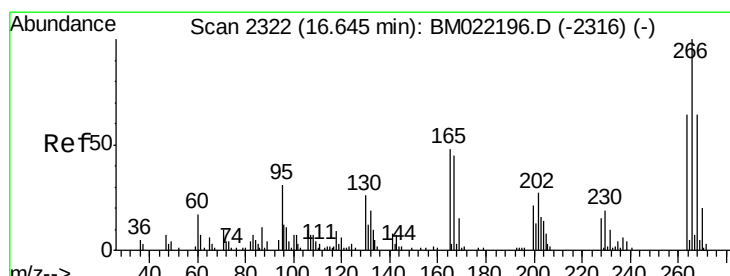
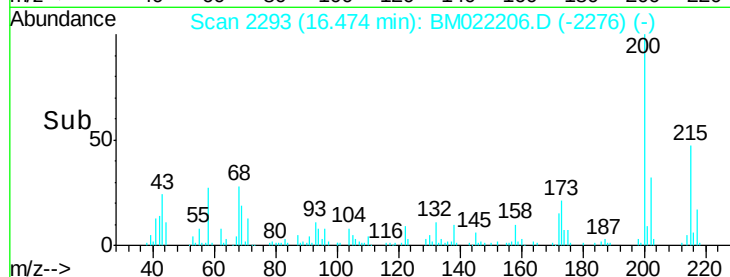
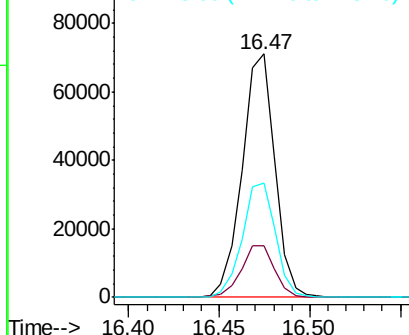
Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	21.1	4.3	44.3
215	47.0	28.2	68.2

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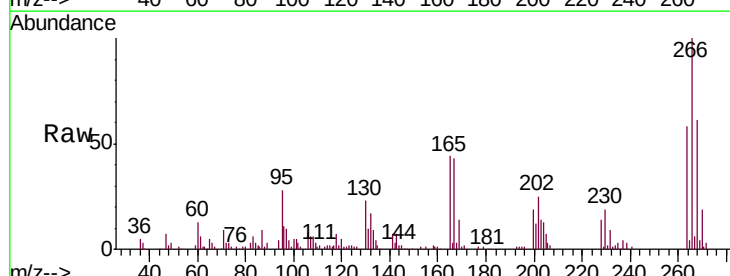


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

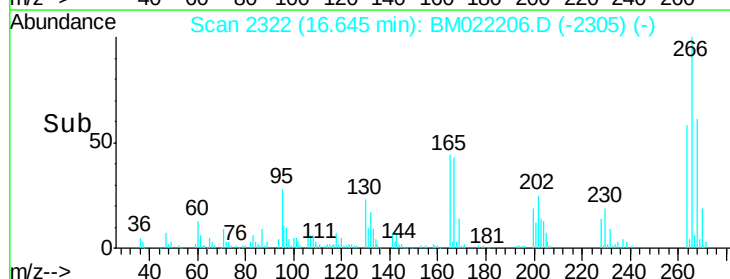
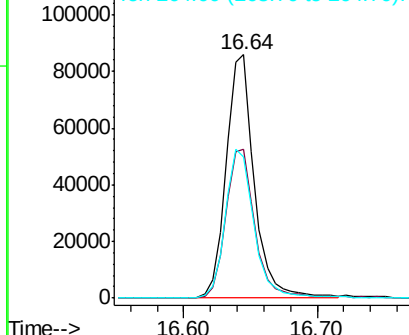


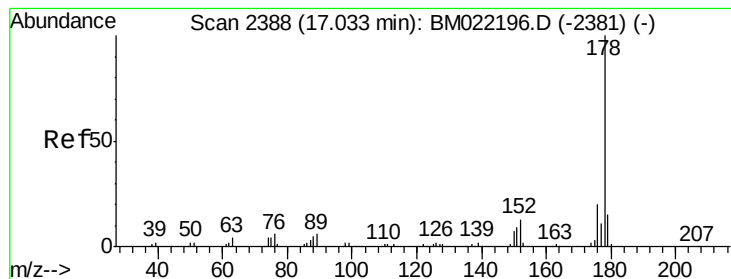
#70
 Pentachlorophenol
 Concen: 95.957 ng
 RT: 16.64 min Scan# 2322
 Delta R.T. 0.00 min
 Lab File: BM022206.D
 Acq: 20 Aug 2019 11:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	61.2	51.0	76.4
264	58.2	49.9	74.9



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.637 ng

RT: 17.03 min Scan# 2388

Delta R.T. 0.00 min

Lab File: BM022206.D

Acq: 20 Aug 2019 11:18

Instrument :

BNA_M

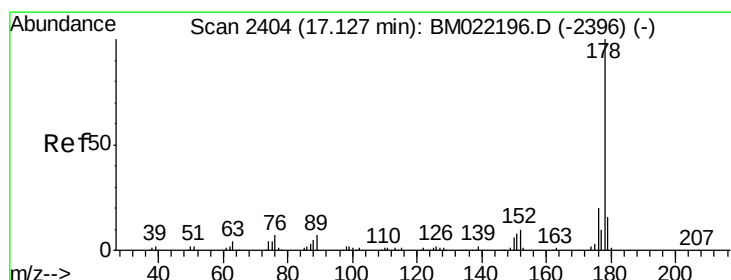
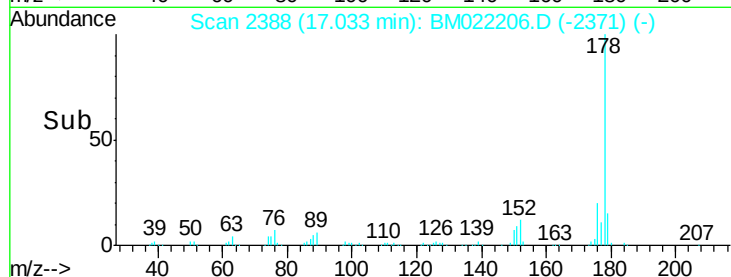
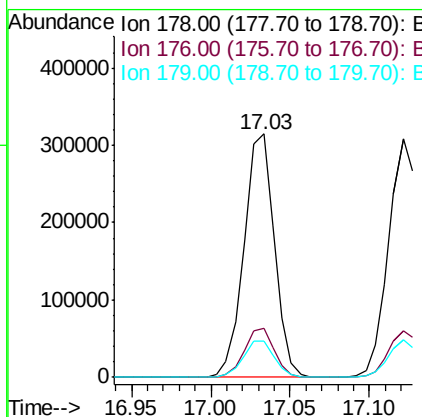
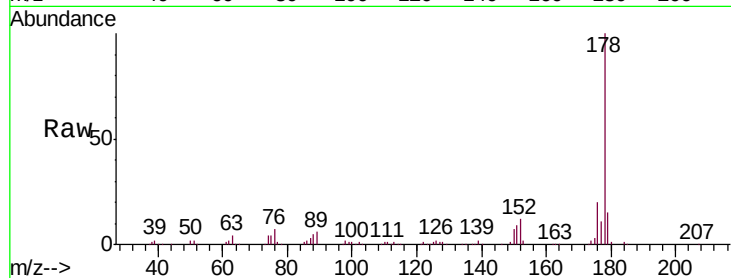
ClientSampleId :

TP-17MSD

Tgt Ion:	178	Resp:	420012
Ion Ratio	Lower	Upper	
178	100		
176	20.1	15.2	22.8
179	15.1	12.2	18.4

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#72

Anthracene

Concen: 45.086 ng

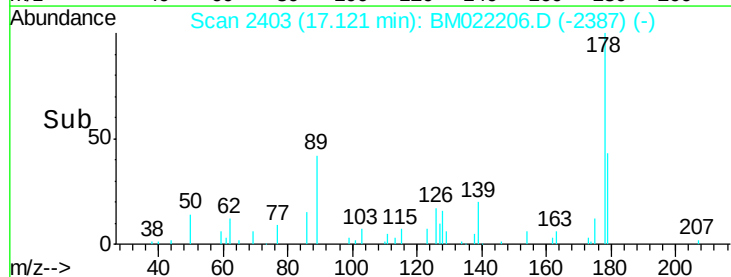
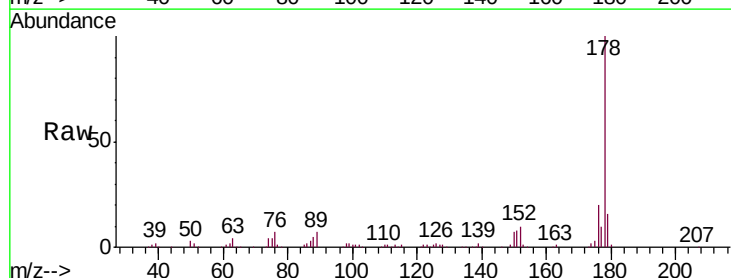
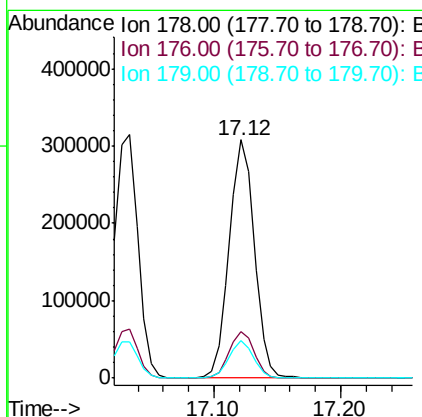
RT: 17.12 min Scan# 2403

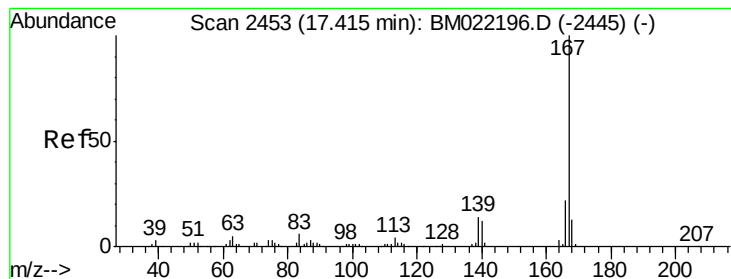
Delta R.T. -0.01 min

Lab File: BM022206.D

Acq: 20 Aug 2019 11:18

Tgt Ion:	178	Resp:	421131
Ion Ratio	Lower	Upper	
178	100		
176	19.5	14.7	22.1
179	15.7	12.2	18.2





#73

Carbazole

Concen: 43.092 ng

RT: 17.41 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BM022206.D

Acq: 20 Aug 2019 11:18

Instrument :

BNA_M

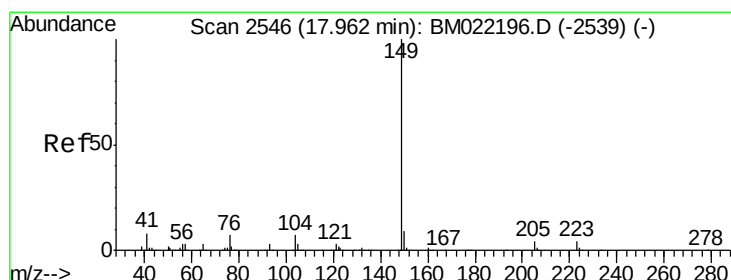
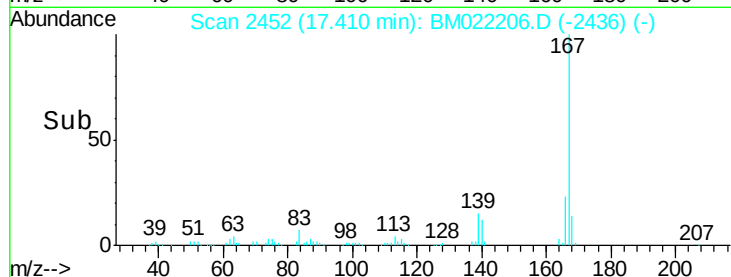
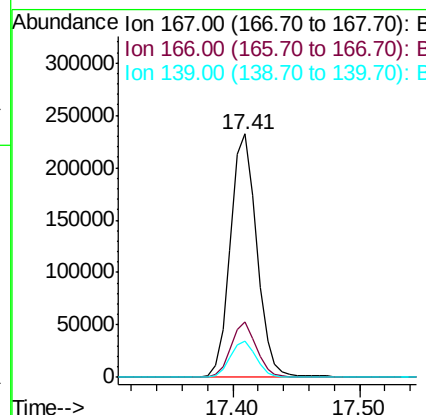
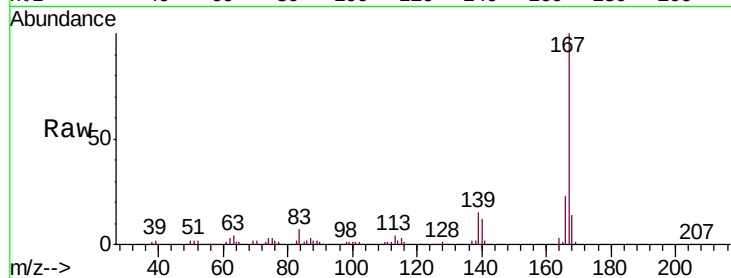
ClientSampleId :

TP-17MSD

Tgt Ion:	167	Resp:	335861
Ion Ratio	Lower	Upper	
167	100		
166	22.5	17.4	26.2
139	14.8	9.7	14.5#

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#74

Di-n-butylphthalate

Concen: 41.323 ng

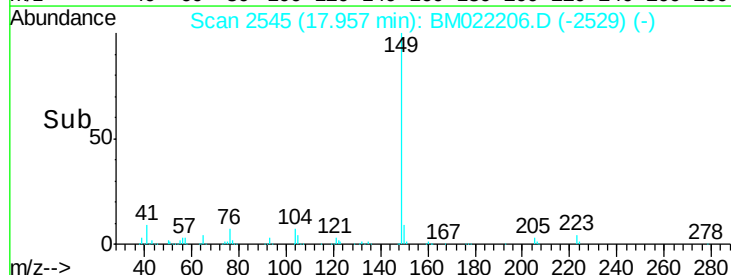
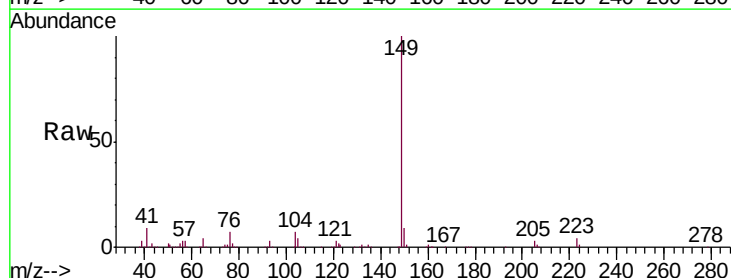
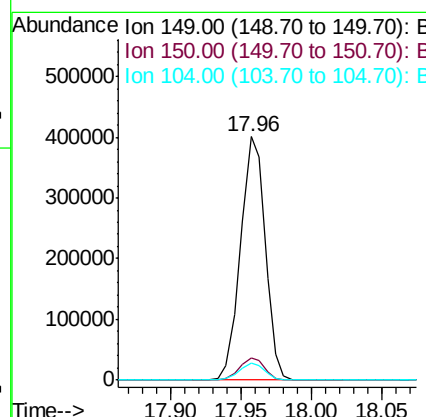
RT: 17.96 min Scan# 2545

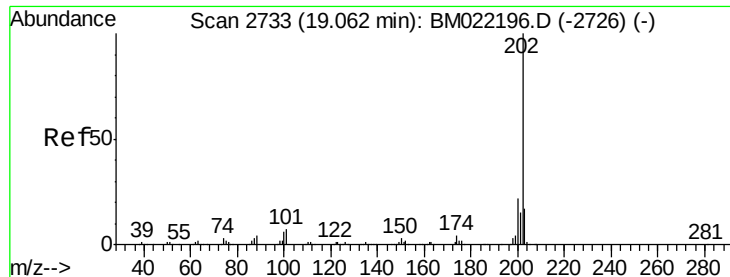
Delta R.T. -0.01 min

Lab File: BM022206.D

Acq: 20 Aug 2019 11:18

Tgt Ion:	149	Resp:	488673
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.4	11.0
104	6.9	3.8	5.8#





#75

Fluoranthene

Concen: 42.094 ng

RT: 19.06 min Scan# 2732

Delta R.T. -0.01 min

Lab File: BM022206.D

Acq: 20 Aug 2019 11:18

Instrument :

BNA_M

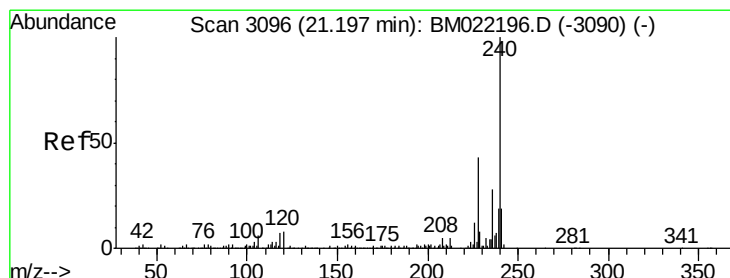
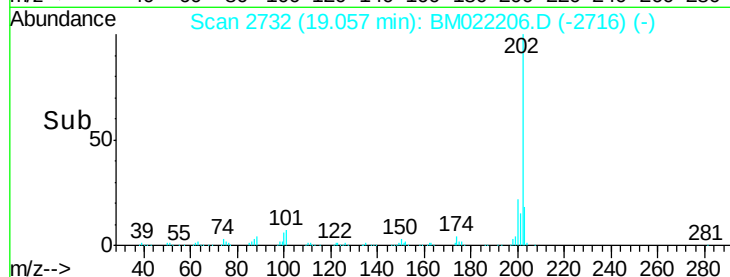
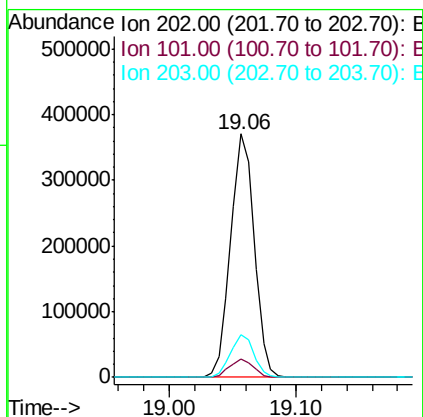
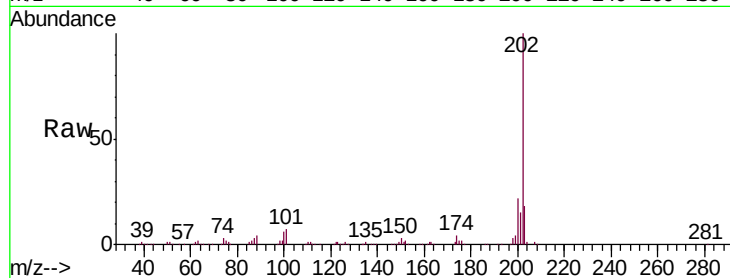
ClientSampleId :

TP-17MSD

Tgt Ion:	202	Resp:	477633
Ion Ratio	Lower	Upper	
202	100		
101	7.4	0.0	28.2
203	17.5	0.0	37.6

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#76

Chrysene-d12

Concen: 20.000 ng

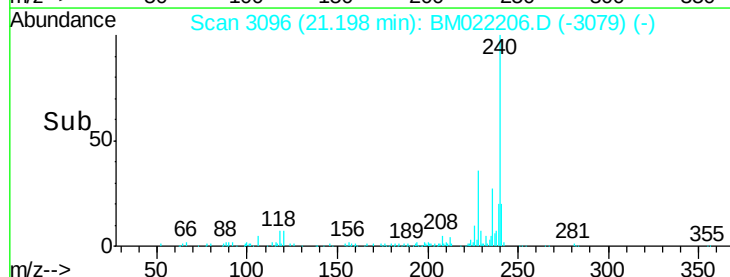
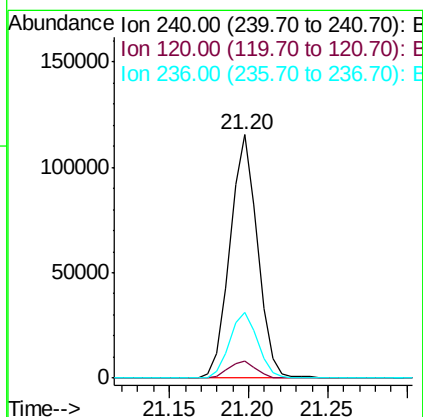
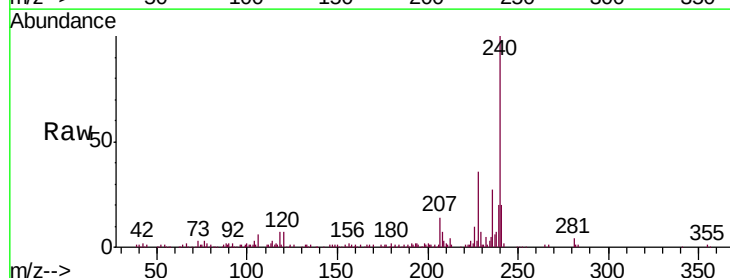
RT: 21.20 min Scan# 3096

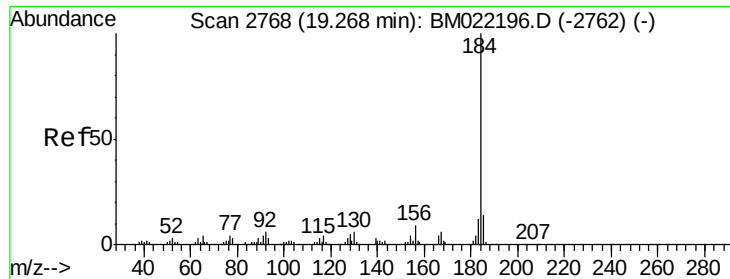
Delta R.T. 0.00 min

Lab File: BM022206.D

Acq: 20 Aug 2019 11:18

Tgt Ion:	240	Resp:	138755
Ion Ratio	Lower	Upper	
240	100		
120	7.0	6.9	10.3
236	27.2	20.4	30.6





#77

Benzidine

Concen: 53.489 ng

RT: 19.27 min Scan# 2768

Delta R.T. 0.00 min

Lab File: BM022206.D

Acq: 20 Aug 2019 11:18

Instrument :

BNA_M

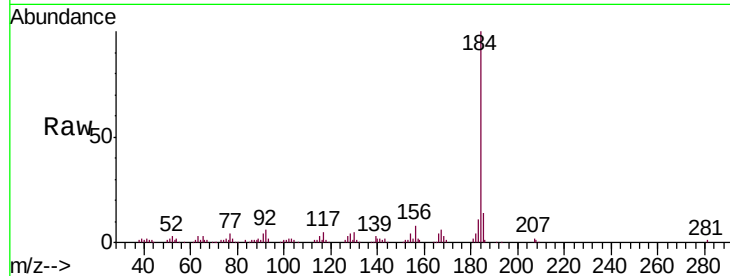
ClientSampleId :

TP-17MSD

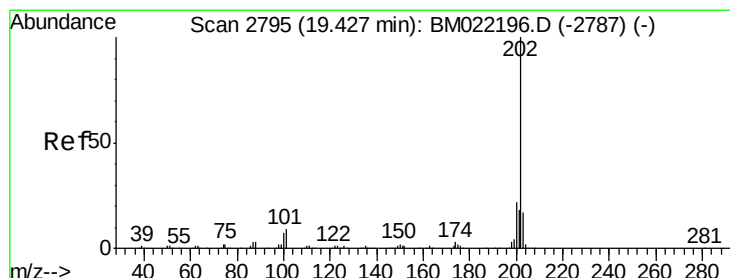
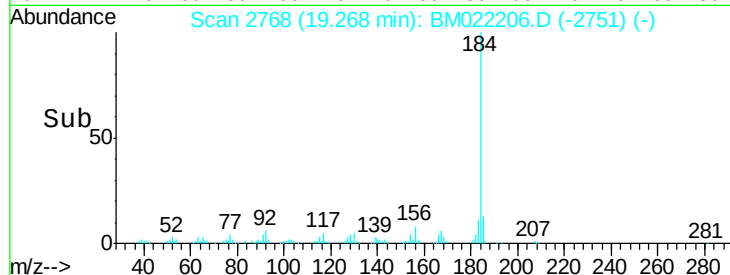
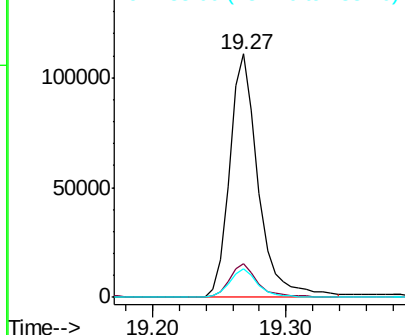
Tgt Ion:	184	Resp:	166469
Ion Ratio	Lower	Upper	
184	100		
185	13.7	11.4	17.2
183	11.5	9.6	14.4

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Abundance Ion 184.00 (183.70 to 184.70): E
150000 Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.403 ng

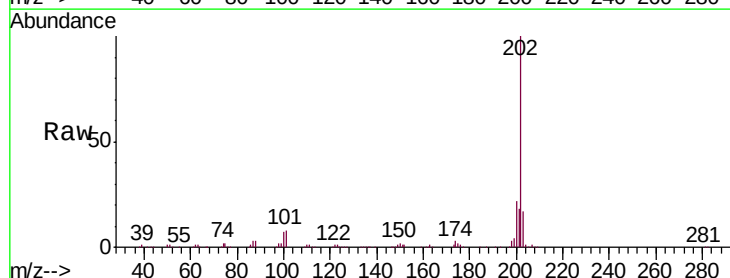
RT: 19.43 min Scan# 2795

Delta R.T. 0.00 min

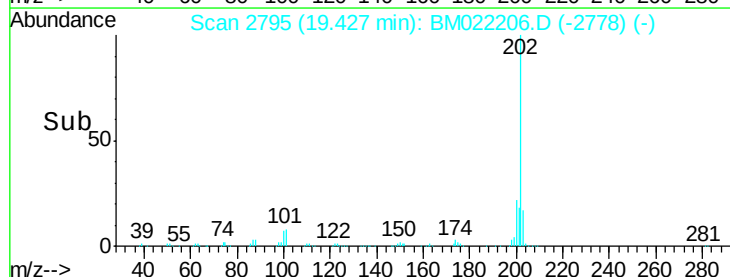
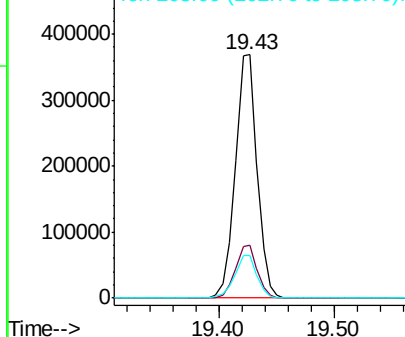
Lab File: BM022206.D

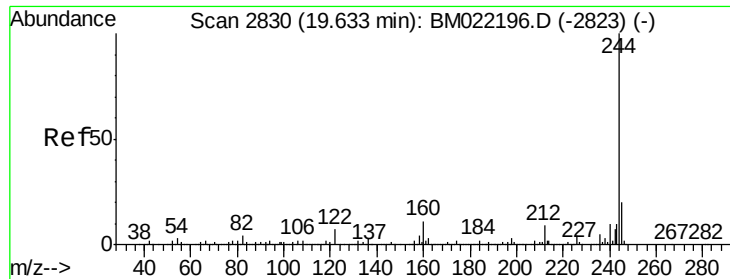
Acq: 20 Aug 2019 11:18

Tgt Ion:	202	Resp:	482505
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.0	25.4
203	17.4	14.0	21.0



Abundance Ion 202.00 (201.70 to 202.70): E
500000 Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.907 ng

RT: 19.63 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BM022206.D

Acq: 20 Aug 2019 11:18

Instrument :

BNA_M

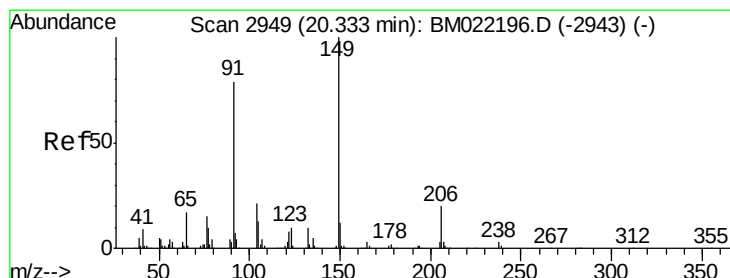
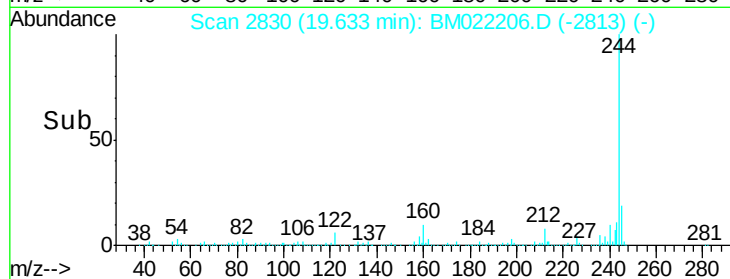
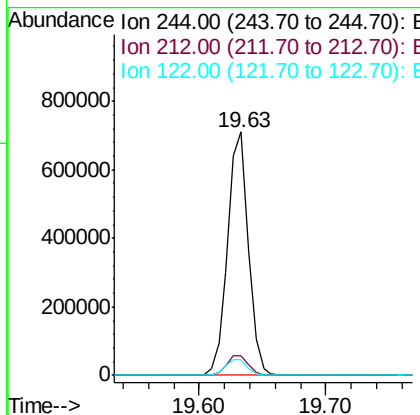
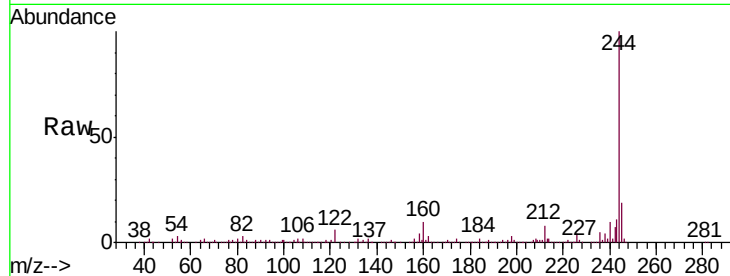
ClientSampleId :

TP-17MSD

Tgt Ion:	244	Resp:	799023
Ion Ratio		Lower	Upper
244	100		
212	8.1	5.3	7.9#
122	6.4	6.6	9.8#

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 45.105 ng

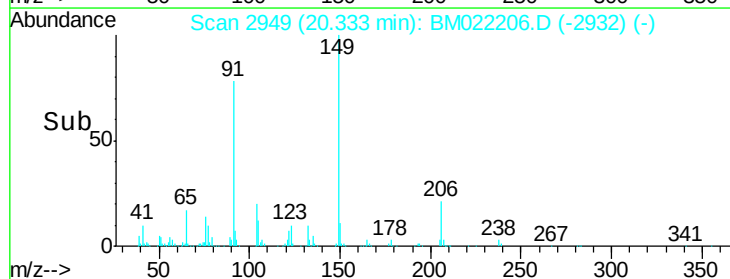
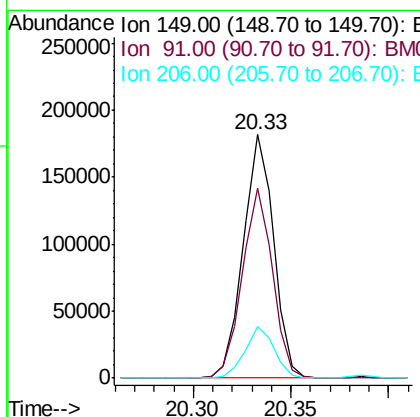
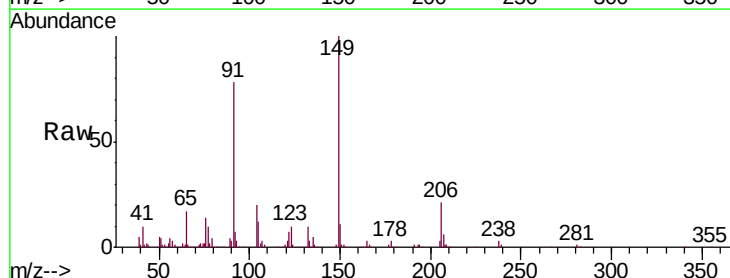
RT: 20.33 min Scan# 2949

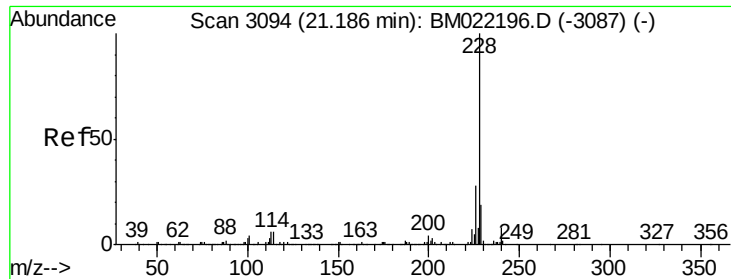
Delta R.T. 0.00 min

Lab File: BM022206.D

Acq: 20 Aug 2019 11:18

Tgt Ion:	149	Resp:	197038
Ion Ratio		Lower	Upper
149	100		
91	77.9	50.9	76.3#
206	21.4	19.7	29.5





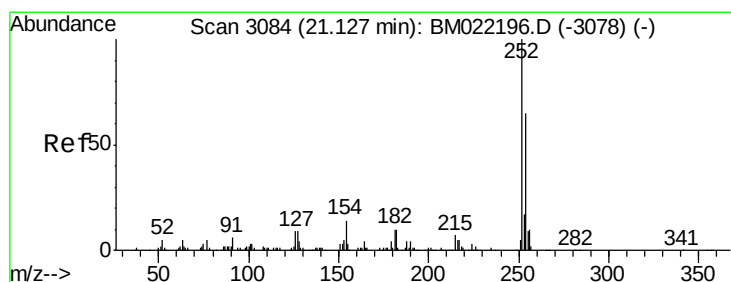
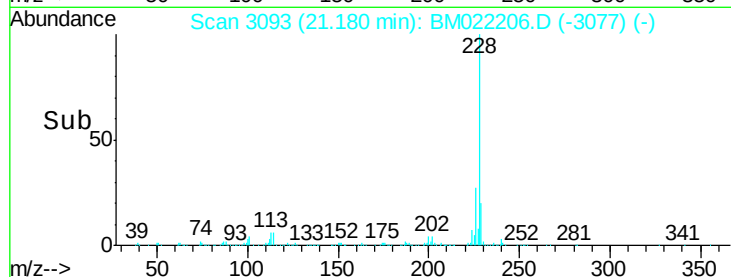
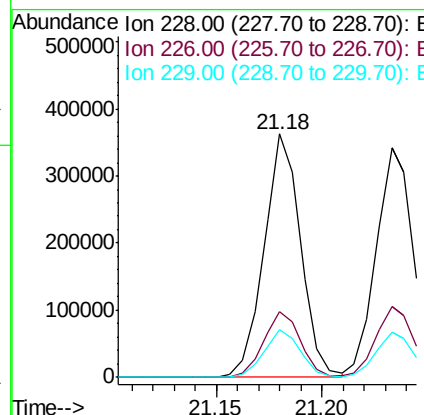
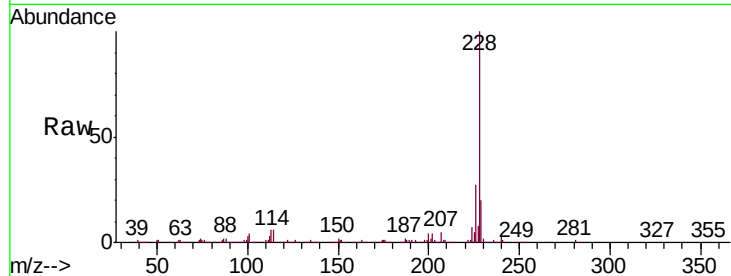
#81
Benzo(a)anthracene
Concen: 44.618 ng
RT: 21.18 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM022206.D
Acq: 20 Aug 2019 11:18

Instrument :
BNA_M
ClientSampled :
TP-17MSD

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	435383		
226	27.2		21.6	32.4
229	19.6		15.5	23.3

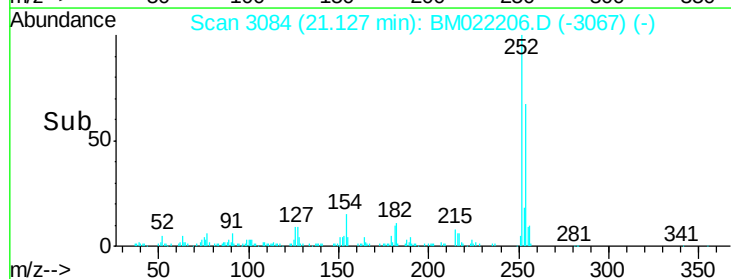
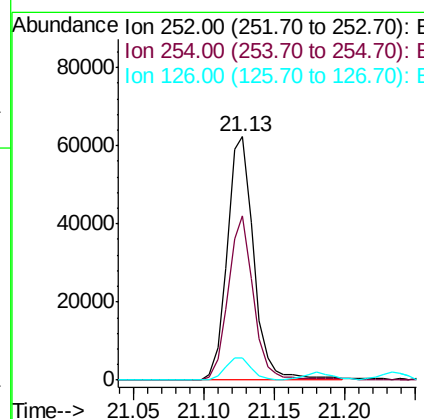
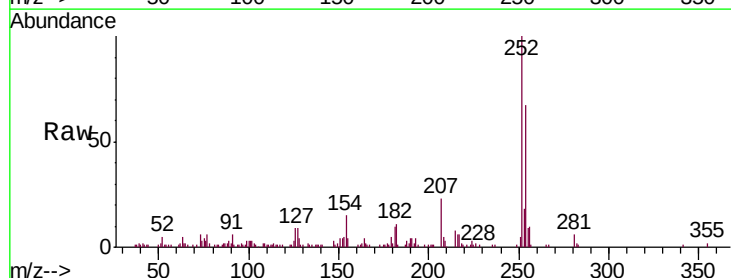
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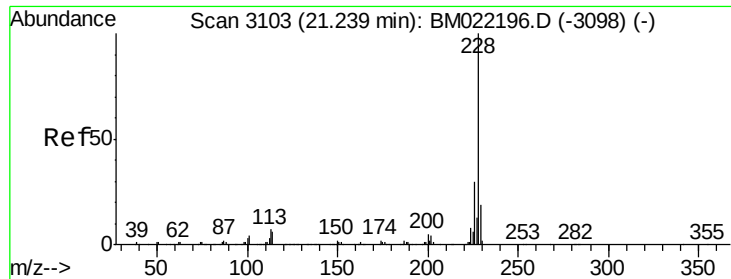
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 23.939 ng
RT: 21.13 min Scan# 3084
Delta R.T. 0.00 min
Lab File: BM022206.D
Acq: 20 Aug 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	81447		
254	67.3		51.7	77.5
126	9.2		6.6	9.8





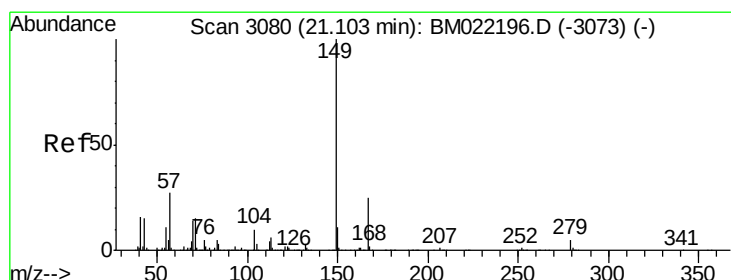
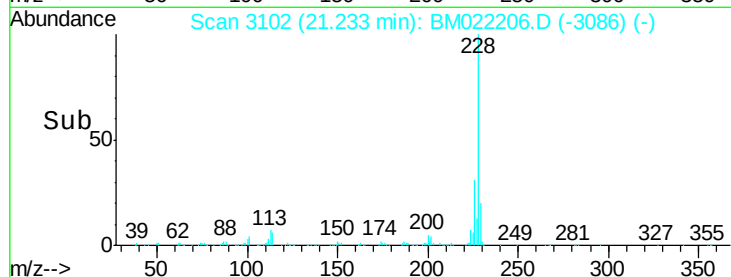
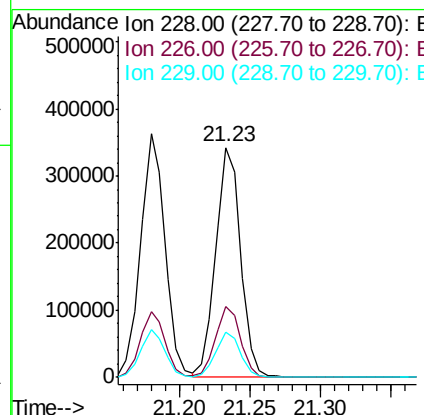
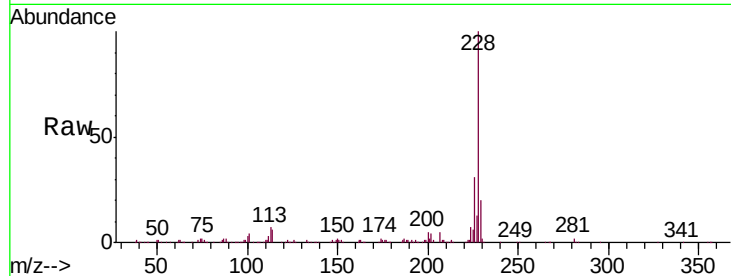
#83
Chrysene
 Concen: 44.396 ng
 RT: 21.23 min Scan# 3102
 Delta R.T. -0.01 min
 Lab File: BM022206.D
 Acq: 20 Aug 2019 11:18

Instrument :
 BNA_M
 ClientSampleId :
 TP-17MSD

Tgt Ion:	228	Resp:	418200
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.1	36.1
229	19.6	15.6	23.4

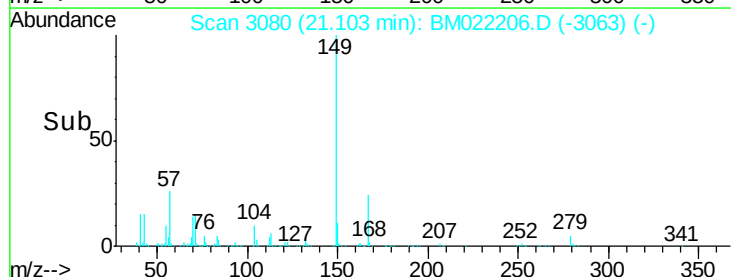
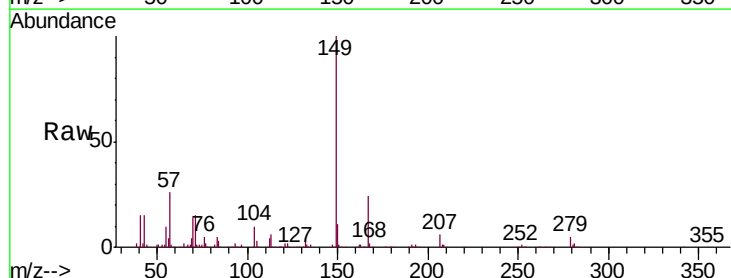
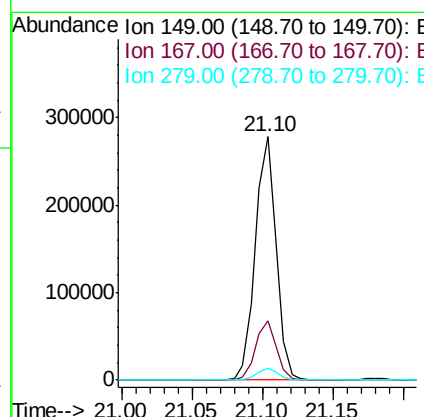
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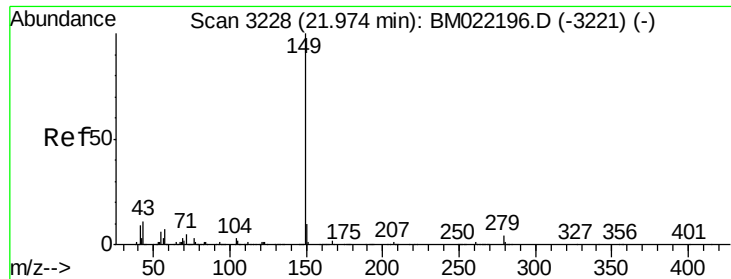
mohammad
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#84
Bis(2-ethylhexyl)phthalate
 Concen: 44.173 ng
 RT: 21.10 min Scan# 3080
 Delta R.T. 0.00 min
 Lab File: BM022206.D
 Acq: 20 Aug 2019 11:18

Tgt Ion:	149	Resp:	290202
Ion Ratio	Lower	Upper	
149	100		
167	24.4	23.0	34.4
279	5.1	4.6	7.0





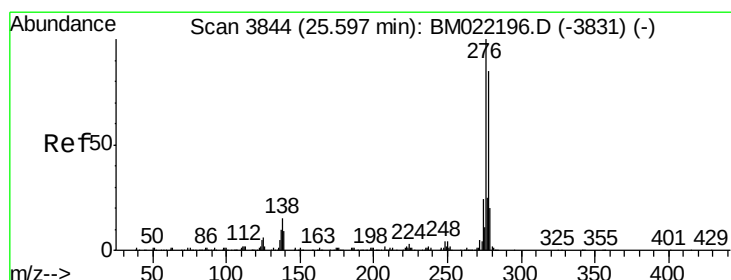
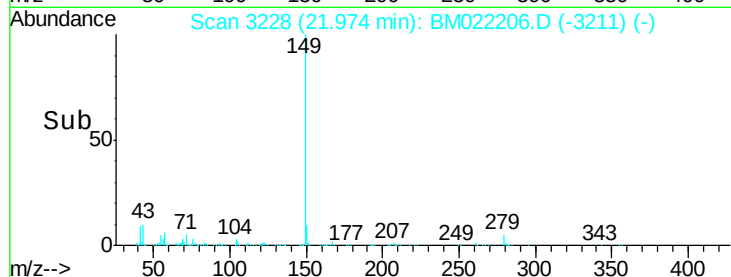
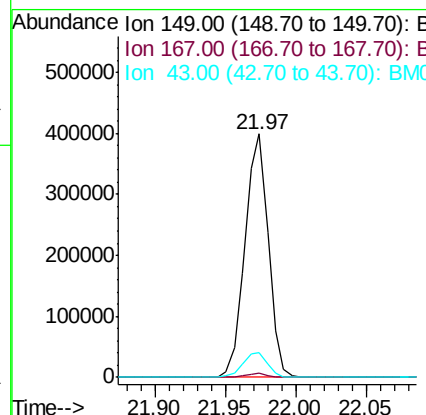
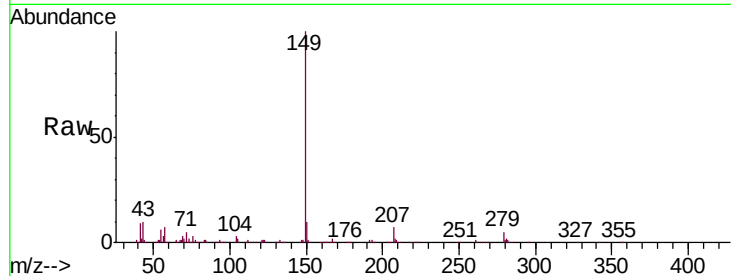
#85
Di-n-octyl phthalate
Concen: 43.169 ng
RT: 21.97 min Scan# 3228
Delta R.T. 0.00 min
Lab File: BM022206.D
Acq: 20 Aug 2019 11:18

Instrument :
BNA_M
ClientSampled :
TP-17MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.5	1.3	1.9
43	10.5	6.2	9.2#

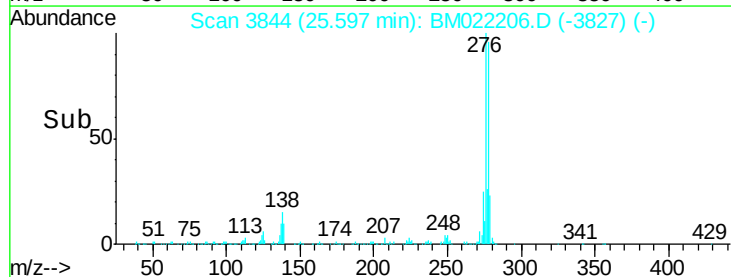
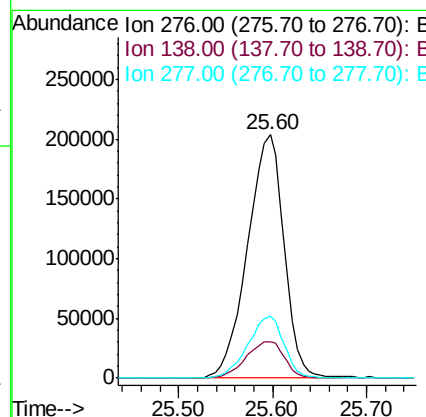
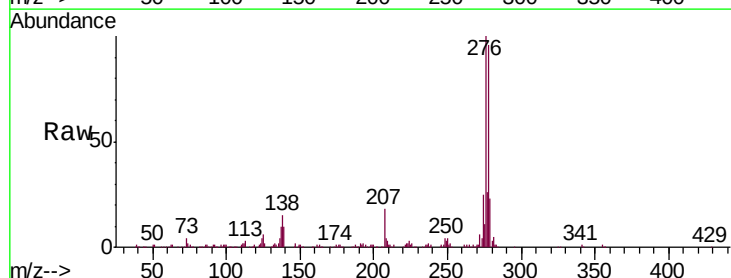
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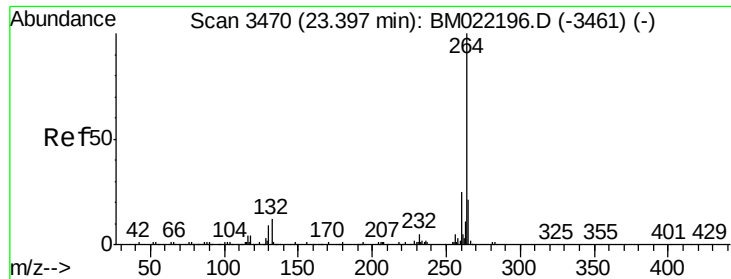
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 51.811 ng
RT: 25.60 min Scan# 3844
Delta R.T. 0.00 min
Lab File: BM022206.D
Acq: 20 Aug 2019 11:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	15.8	15.4	23.0
277	25.3	20.4	30.6





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.40 min Scan# 3470

Delta R.T. 0.00 min

Lab File: BM022206.D

Acq: 20 Aug 2019 11:18

Instrument :

BNA_M

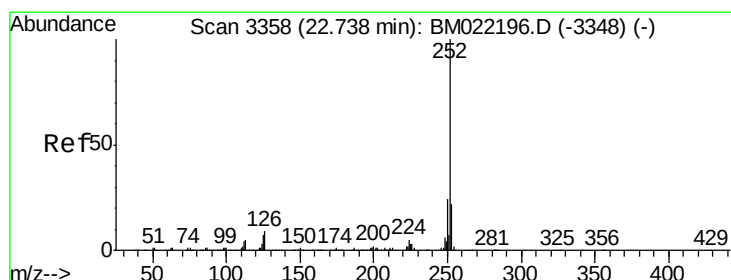
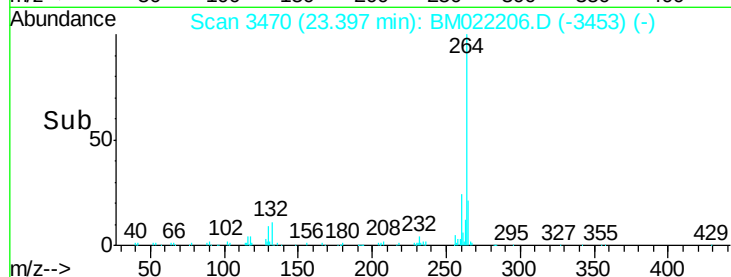
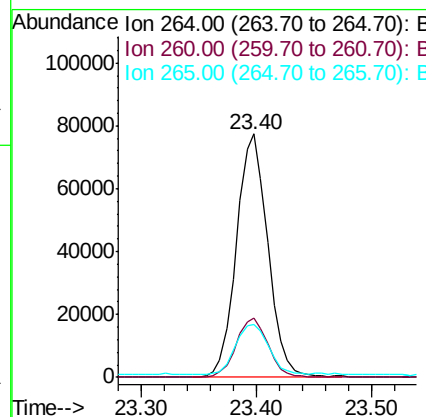
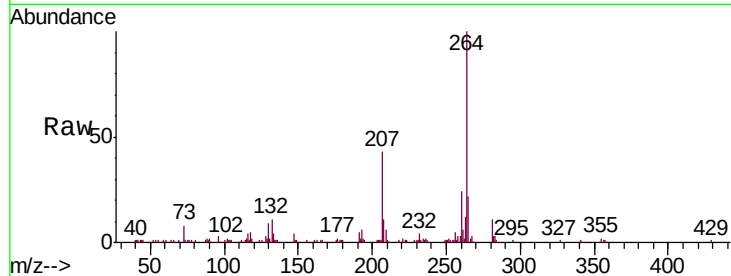
ClientSampled :

TP-17MSD

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	145894		
260	24.3	19.0	28.4	
265	21.9	17.7	26.5	

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 42.590 ng

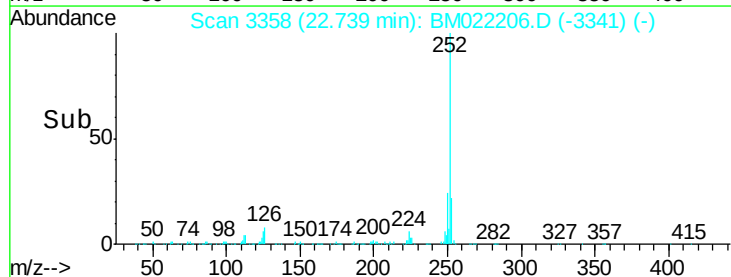
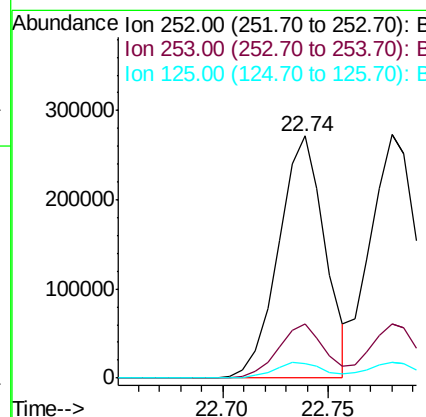
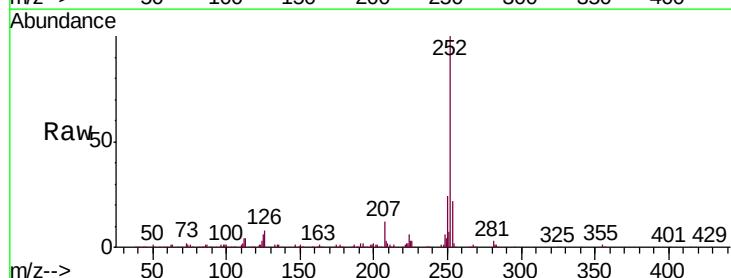
RT: 22.74 min Scan# 3358

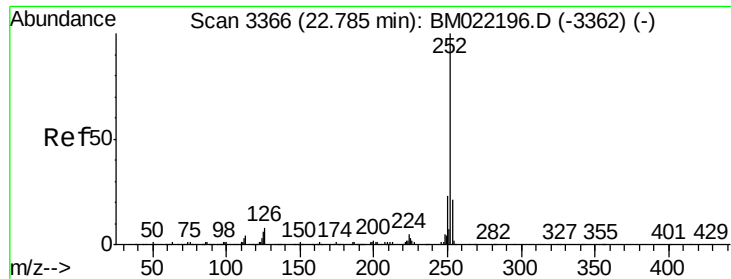
Delta R.T. 0.00 min

Lab File: BM022206.D

Acq: 20 Aug 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	414897		
253	22.1	17.4	26.0	
125	6.2	5.9	8.9	





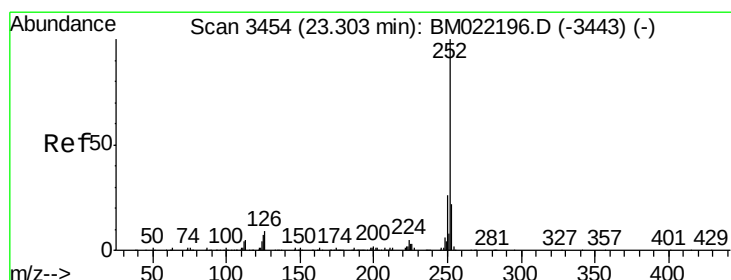
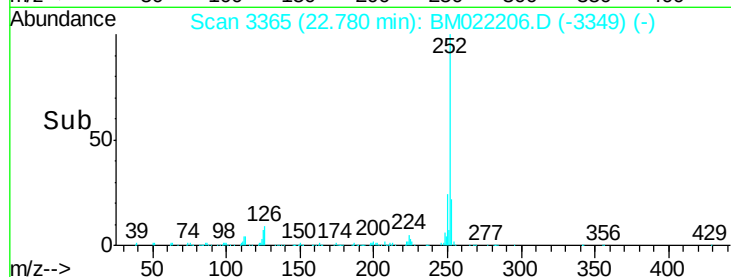
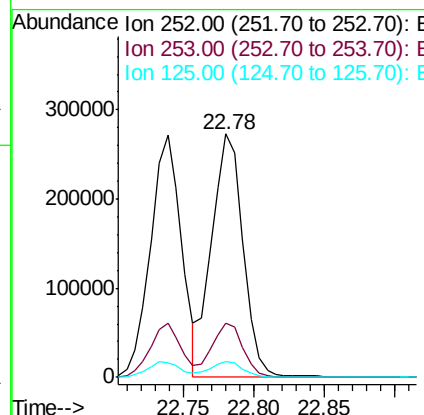
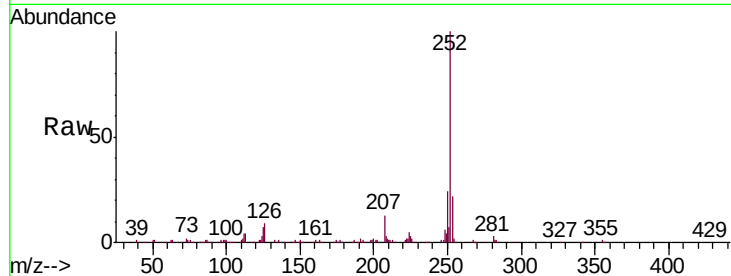
#89
Benzo(k)fluoranthene
Concen: 44.011 ng
RT: 22.78 min Scan# 3365
Delta R.T. -0.01 min
Lab File: BM022206.D
Acq: 20 Aug 2019 11:18

Instrument :
BNA_M
ClientSampleId :
TP-17MSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	419090		
253	22.2	17.5	26.3	
125	6.5	5.9	8.9	

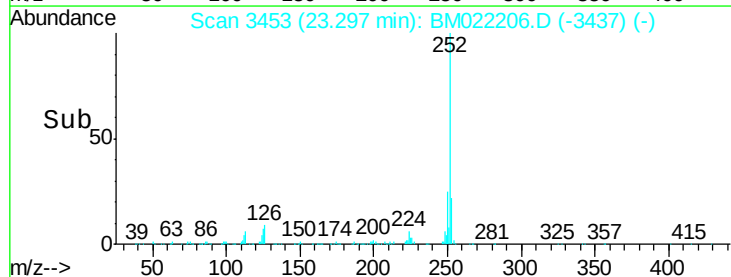
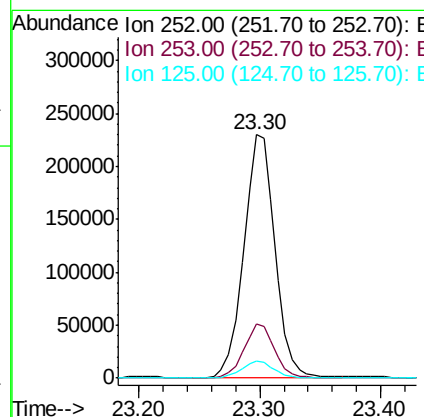
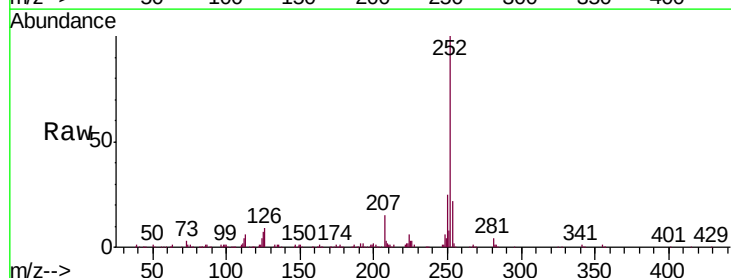
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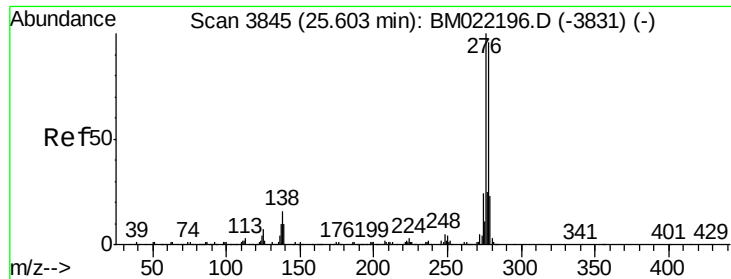
mohammad
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#90
Benzo(a)pyrene
Concen: 46.701 ng
RT: 23.30 min Scan# 3453
Delta R.T. -0.01 min
Lab File: BM022206.D
Acq: 20 Aug 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	414318		
253	22.5	17.5	26.3	
125	6.9	6.6	10.0	





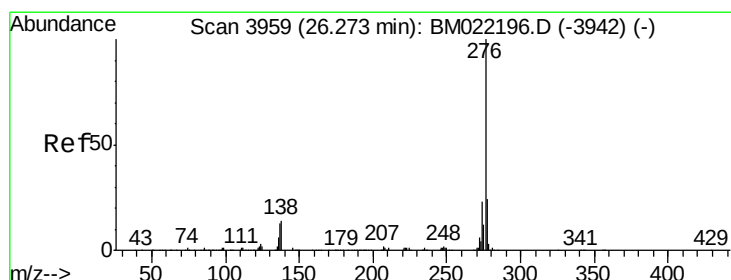
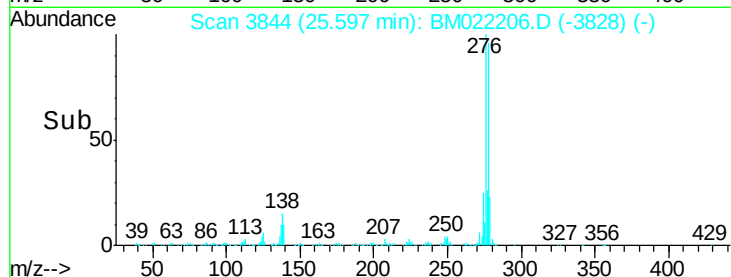
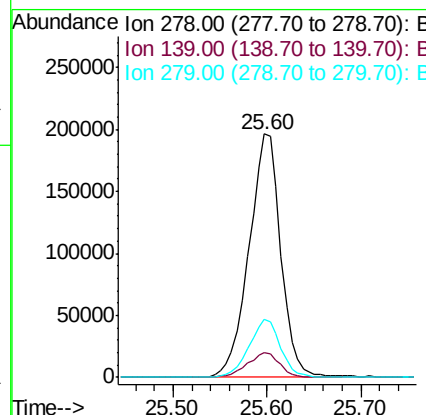
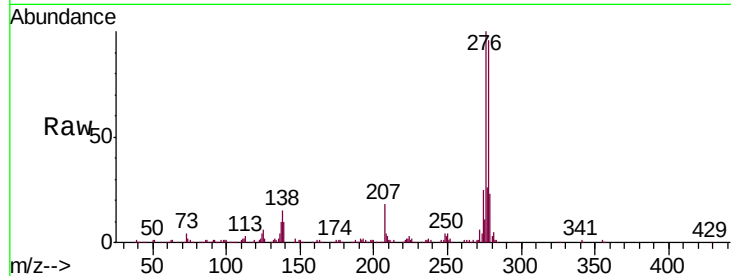
#91
Dibenzo(a,h)anthracene
Concen: 48.744 ng
RT: 25.60 min Scan# 3844
Delta R.T. -0.01 min
Lab File: BM022206.D
Acq: 20 Aug 2019 11:18

Instrument :
BNA_M
ClientSampled :
TP-17MSD

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	459491		
139	10.4	9.8	14.8	
279	23.9	18.7	28.1	

Manual Integrations
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8/22/2019 12:48:33 PM



#92
Benzo(g,h,i)perylene
Concen: 52.152 ng
RT: 26.27 min Scan# 3958
Delta R.T. -0.01 min
Lab File: BM022206.D
Acq: 20 Aug 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	429805		
277	24.1	18.8	28.2	
138	14.6	13.1	19.7	

