

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082119\
 Data File : BM022229.D
 Acq On : 21 Aug 2019 15:07
 Operator : HP/JU
 Sample : K4408-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-1MSD

Manual Integrations
 APPROVED

Jagrut
 8/22/2019 2:00:13 PM

Quant Time: Aug 21 15:40:32 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	7.56	152	35178	20.00	ng	-0.01
21) Naphthalene-d8	10.34	136	137504	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	83912	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	153003	20.00	ng	0.00
76) Chrysene-d12	21.19	240	128405	20.00	ng	0.00
87) Perylene-d12	23.39	264	146243	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.18	112	222053	112.48	ng	0.00
7) Phenol-d6	6.76	99	297643	113.22	ng	0.00
23) Nitrobenzene-d5	8.74	82	214066	75.72	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	141010	103.82	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	420484	62.59	ng	0.00
79) Terphenyl-d14	19.63	244	559956	63.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.17	88	29903	36.153	ng	# 81
3) Pyridine	3.56	79	75010	35.797	ng	# 87
4) n-Nitrosodimethylamine	3.49	42	56691	45.159	ng	# 57
6) Aniline	6.92	93	93195	26.478	ng	93
8) 2-Chlorophenol	7.14	128	103442	44.009	ng	96
9) Benzaldehyde	6.74	77	44366	26.632	ng	93
10) Phenol	6.79	94	128532	46.182	ng	77
11) bis(2-Chloroethyl)ether	7.02	93	84258	38.271	ng	93
12) 1,3-Dichlorobenzene	7.45	146	109987	38.392	ng	# 92
13) 1,4-Dichlorobenzene	7.60	146	112681	38.742	ng	98
14) 1,2-Dichlorobenzene	7.91	146	110905	39.152	ng	98
15) Benzyl Alcohol	7.83	79	94109	40.724	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.10	45	114920	37.674	ng	98
17) 2-Methylphenol	8.02	107	83862	42.246	ng	# 92
18) Hexachloroethane	8.62	117	49912	39.527	ng	90
19) n-Nitroso-di-n-propylamine	8.38	70	78666	37.990	ng	# 87
20) 3+4-Methylphenols	8.35	107	110804	41.331	ng	92
22) Acetophenone	8.40	105	150229	42.588	ng	# 91
24) Nitrobenzene	8.78	77	126524	43.711	ng	93
25) Isophorone	9.30	82	209811	41.818	ng	97
26) 2-Nitrophenol	9.47	139	54762	44.664	ng	# 69
27) 2,4-Dimethylphenol	9.54	122	92017	49.790	ng	90
28) bis(2-Chloroethoxy)methane	9.77	93	124387	41.906	ng	99
29) 2,4-Dichlorophenol	10.00	162	100228	44.942	ng	96
30) 1,2,4-Trichlorobenzene	10.20	180	117457	42.758	ng	100
31) Naphthalene	10.39	128	305948	42.840	ng	99
32) Benzoic acid	9.73	122	55732	35.327	ng	94
33) 4-Chloroaniline	10.54	127	26540	8.880	ng	96
34) Hexachlorobutadiene	10.65	225	100251	42.532	ng	99
35) Caprolactam	11.36	113	23240m	38.767	ng	
36) 4-Chloro-3-methylphenol	11.66	107	101769	43.172	ng	94
37) 2-Methylnaphthalene	12.01	142	221768	42.484	ng	# 90
38) 1-Methylnaphthalene	12.23	142	210402	42.198	ng	# 98
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	152917	46.556	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.34	237	158233	81.938	nq	98
43) 2,4,6-Trichlorophenol	12.64	196	89820	45.618	nq	98
44) 2,4,5-Trichlorophenol	12.72	196	92740	46.402	nq #	94
46) 1,1'-Biphenyl	13.04	154	292304	44.294	nq	98
47) 2-Chloronaphthalene	13.09	162	233459	42.986	nq	96
48) 2-Nitroaniline	13.33	65	68078	39.657	nq	84
49) Acenaphthylene	13.94	152	361015	43.337	nq	99
50) Dimethylphthalate	13.70	163	344777	48.871	nq	100
51) 2,6-Dinitrotoluene	13.83	165	59588	42.770	nq #	57
52) Acenaphthene	14.29	154	204508	42.097	nq	98
53) 3-Nitroaniline	14.17	138	24770	17.853	nq	95
54) 2,4-Dinitrophenol	14.40	184	57726	73.201	nq #	71
55) Dibenzofuran	14.63	168	341995	42.365	nq #	89
56) 4-Nitrophenol	14.49	139	84330	91.196	nq #	53
57) 2,4-Dinitrotoluene	14.63	165	80949	40.472	nq #	44
58) Fluorene	15.28	166	274746	40.372	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.86	232	85325	42.820	nq #	93
60) Diethylphthalate	15.07	149	296795	39.895	nq	97
61) 4-Chlorophenyl-phenylether	15.28	204	177173	41.309	nq	97
62) 4-Nitroaniline	15.34	138	44826	34.907	nq #	51
63) Azobenzene	15.57	77	298354	41.618	nq	83
65) 4,6-Dinitro-2-methylphenol	15.40	198	39822	41.342	nq	87
66) n-Nitrosodiphenylamine	15.50	169	221473	45.144	nq	98
67) 4-Bromophenyl-phenylether	16.17	248	99456	43.866	nq #	90
68) Hexachlorobenzene	16.28	284	107671	41.801	nq #	83
69) Atrazine	16.47	200	81157	49.956	nq	97
70) Pentachlorophenol	16.64	266	114825	91.625	nq	99
71) Phenanthrene	17.03	178	371250	41.841	nq	99
72) Anthracene	17.12	178	378917	43.021	nq	98
73) Carbazole	17.40	167	298088	40.559	nq	98
74) Di-n-butylphthalate	17.96	149	446096	40.005	nq #	98
75) Fluoranthene	19.06	202	414436	38.733	nq	98
77) Benzidine	19.26	184	171795	59.650	nq	99
78) Pyrene	19.42	202	413322	45.731	nq	99
80) Butylbenzylphthalate	20.33	149	172619	42.701	nq	91
81) Benzo(a)anthracene	21.18	228	377712	41.828	nq	97
82) 3,3'-Dichlorobenzidine	21.12	252	91524	29.069	nq	100
83) Chrysene	21.23	228	368419	42.264	nq	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	250314	41.173	nq #	94
85) Di-n-octyl phthalate	21.97	149	396940	40.338	nq #	94
86) Indeno(1,2,3-cd)pyrene	25.59	276	518504	53.101	nq	96
88) Benzo(b)fluoranthene	22.73	252	402066	41.174	nq	99
89) Benzo(k)fluoranthene	22.77	252	383635	40.191	nq	99
90) Benzo(a)pyrene	23.30	252	392468	44.132	nq #	98
91) Dibenzo(a,h)anthracene	25.59	278	435471	46.085	nq	98
92) Benzo(g,h,i)perylene	26.26	276	411709	49.837	nq #	96

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

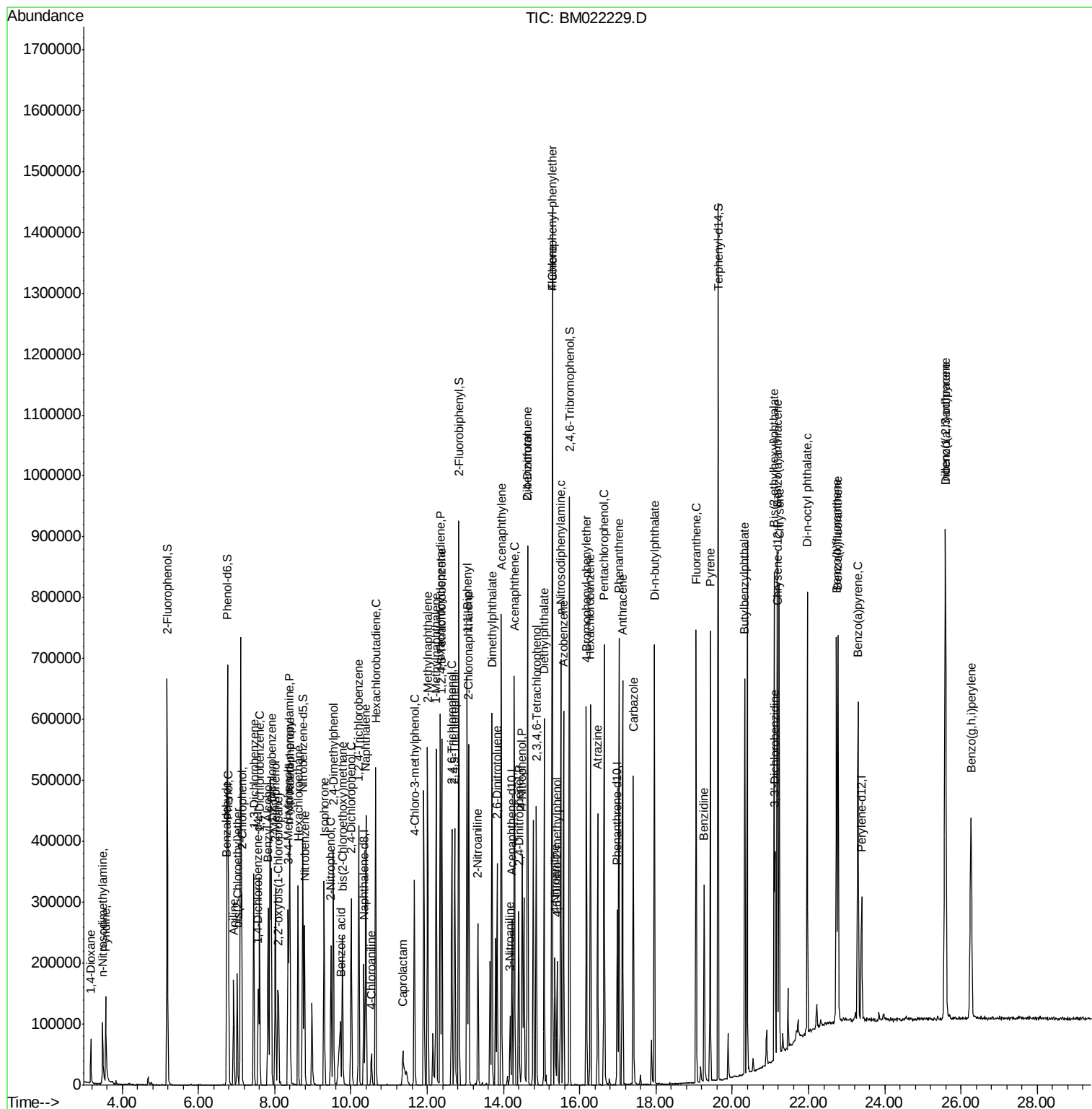
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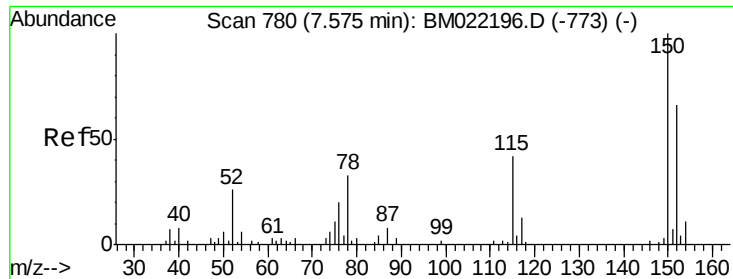
Instrument :
BNA_M
ClientSampled :
SP-1MSD

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#1

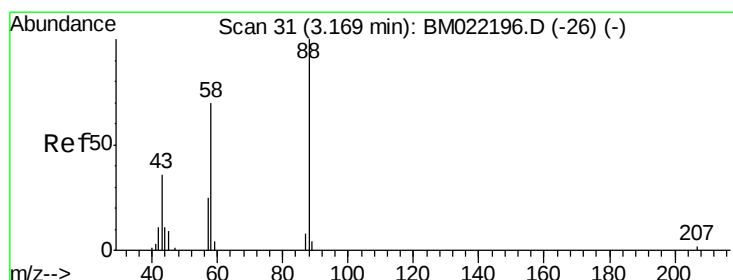
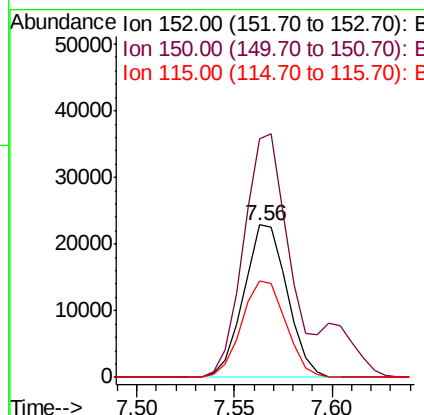
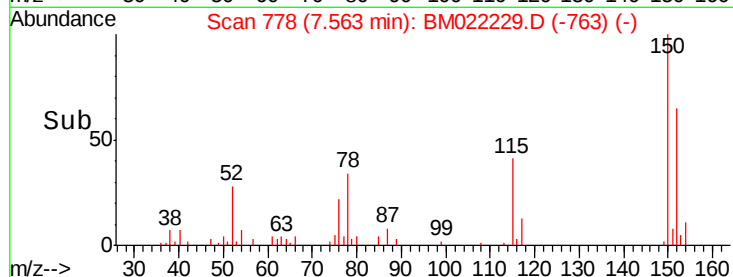
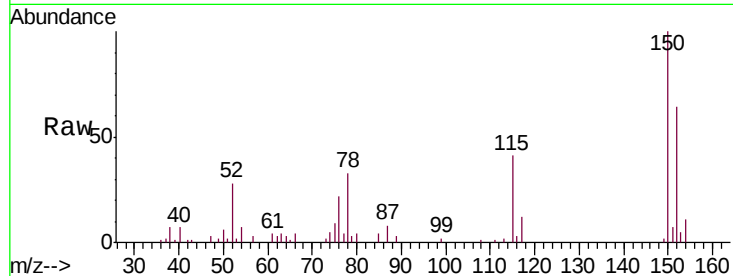
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 778
Delta R.T. -0.01 min
Lab File: BM022229.D
Acq: 21 Aug 2019 15:07

Instrument :
BNA_M
ClientSampled :
SP-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	123.1	184.7
115	63.6	44.2	66.4

Manual Integrations
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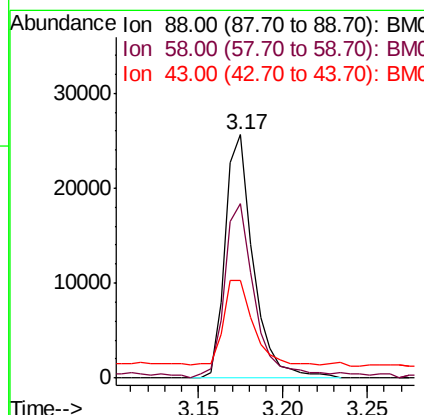
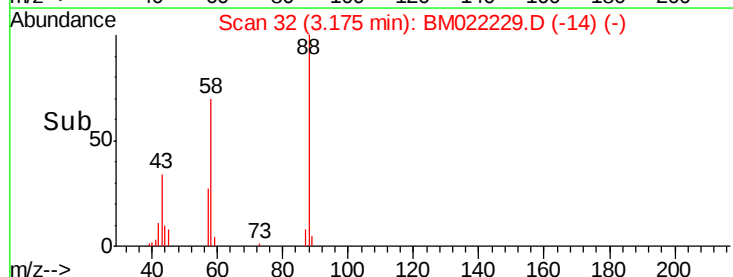
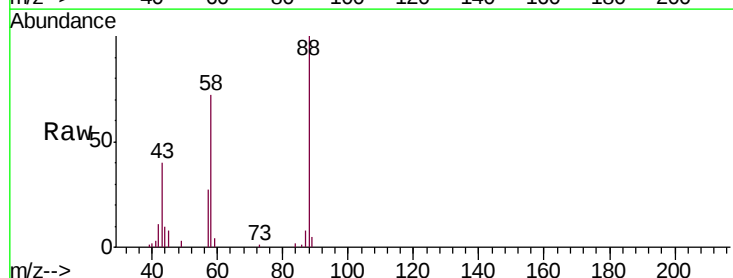
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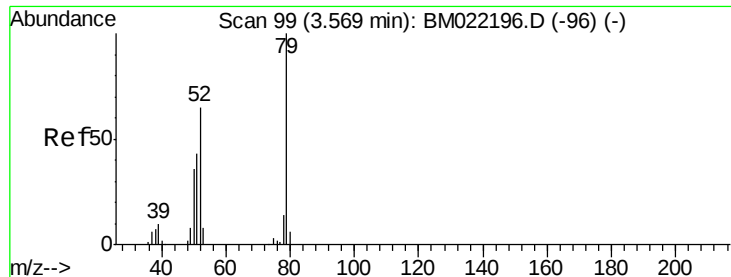


#2

1,4-Dioxane
Concen: 36.153 ng
RT: 3.17 min Scan# 32
Delta R.T. 0.01 min
Lab File: BM022229.D
Acq: 21 Aug 2019 15:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.4	51.9	77.9#
43	39.5	21.4	32.2#





#3

Pvridine

Concen: 35.797 ng

RT: 3.56 min Scan# 98

Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

Instrument :

BNA_M

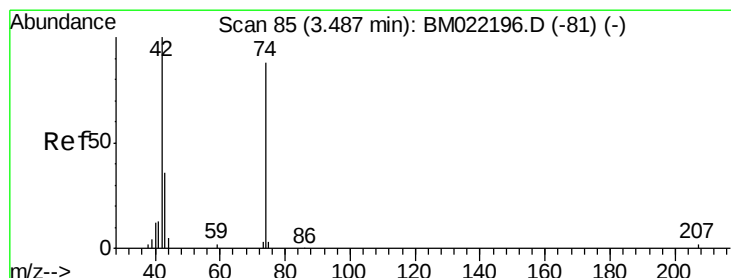
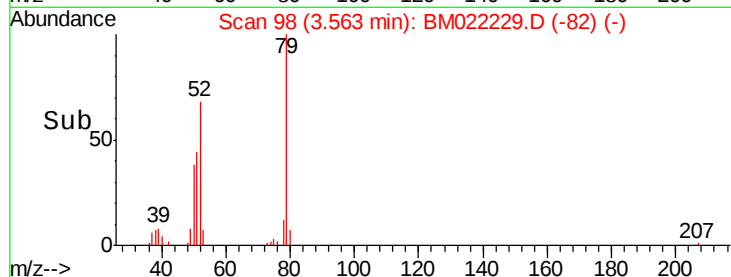
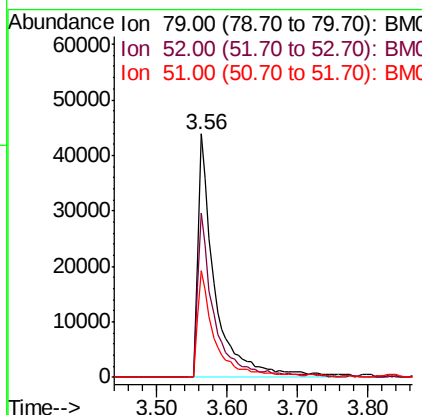
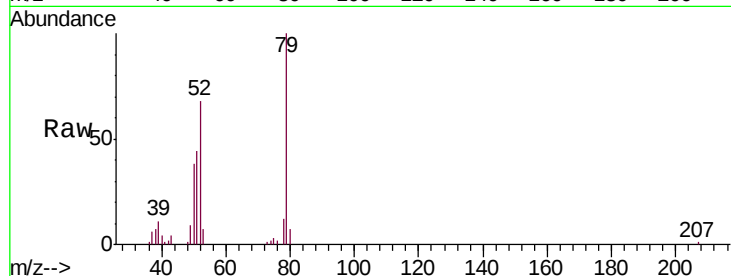
ClientSampled :

SP-1MSD

Tot Ion:	79	Resp:	75010
Ion	Ratio	Lower	Upper
79	100		
52	67.5	48.8	73.2
51	43.7	25.7	38.5#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 45.159 ng

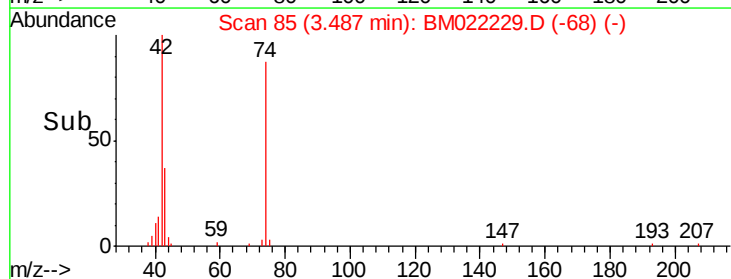
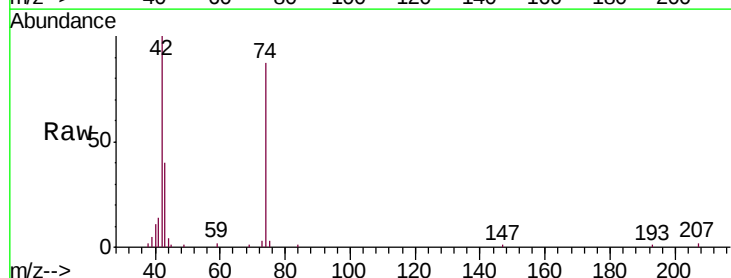
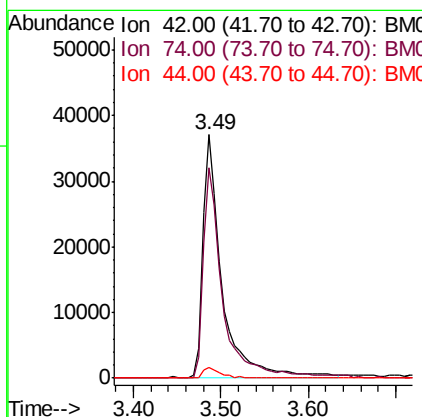
RT: 3.49 min Scan# 85

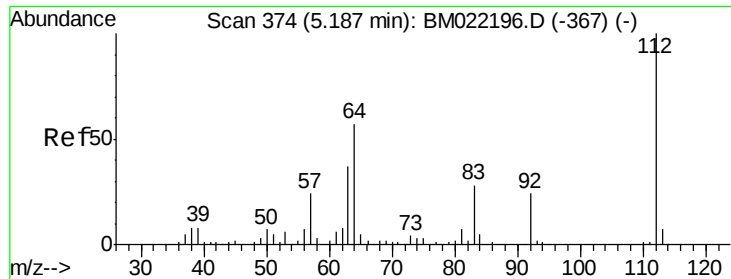
Delta R.T. 0.00 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

Tgt Ion:	42	Resp:	56691
Ion	Ratio	Lower	Upper
42	100		
74	86.7	113.8	170.6#
44	4.3	8.2	12.2#





#5

2-Fluorophenol

Concen: 112.483 ng

RT: 5.18 min Scan# 373

Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

Instrument :

BNA_M

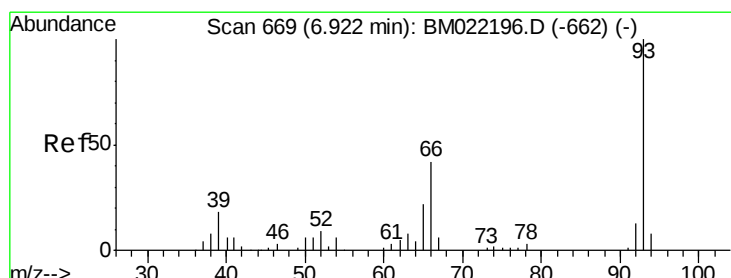
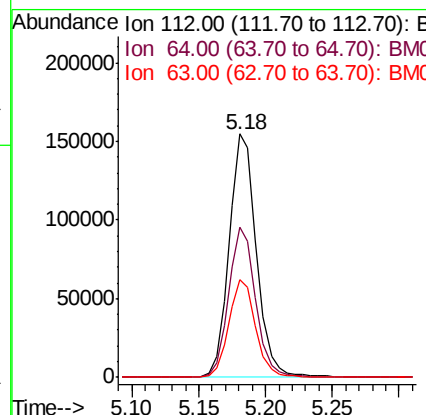
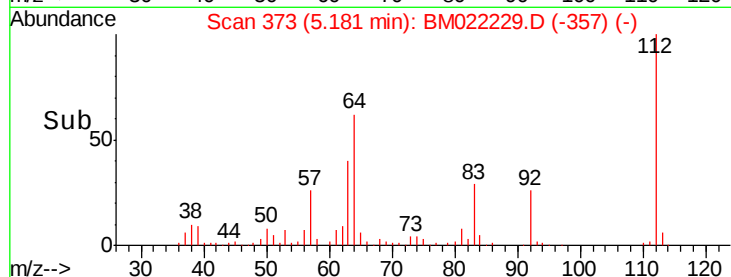
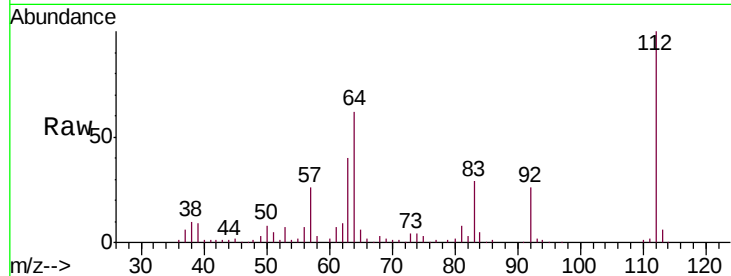
ClientSampleId :

SP-1MSD

Tot Ion:	112	Resp:	222053
Ion Ratio	Lower	Upper	
112	100		
64	61.6	45.2	67.8
63	40.4	23.5	35.3

Manual Integrations
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#6

Aniline

Concen: 26.478 ng

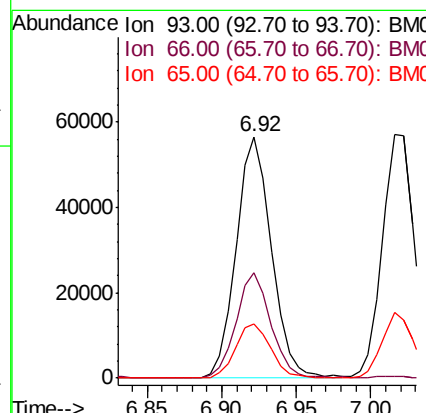
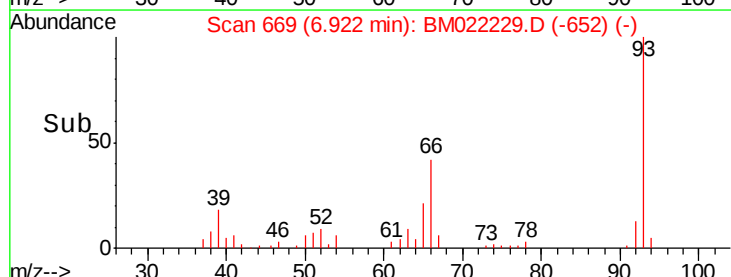
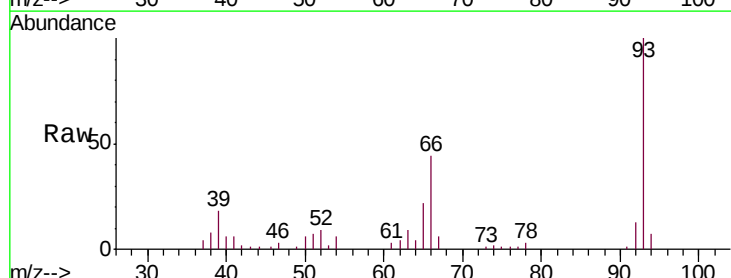
RT: 6.92 min Scan# 669

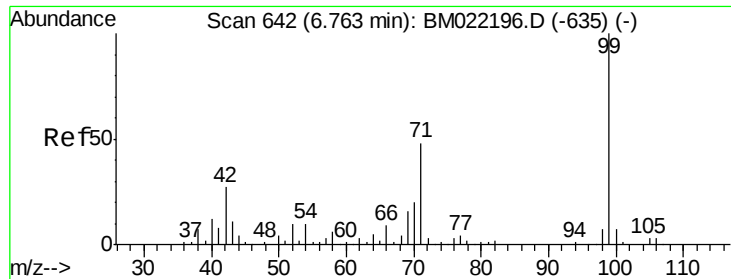
Delta R.T. -0.00 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

Tgt Ion:	93	Resp:	93195
Ion Ratio	Lower	Upper	
93	100		
66	43.6	31.3	46.9
65	22.4	15.9	23.9





#7

Phenol-d6

Concen: 113.221 ng

RT: 6.76 min Scan# 642

Delta R.T. -0.00 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

Instrument :

BNA_M

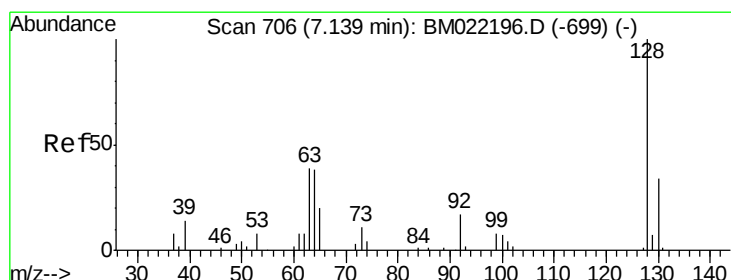
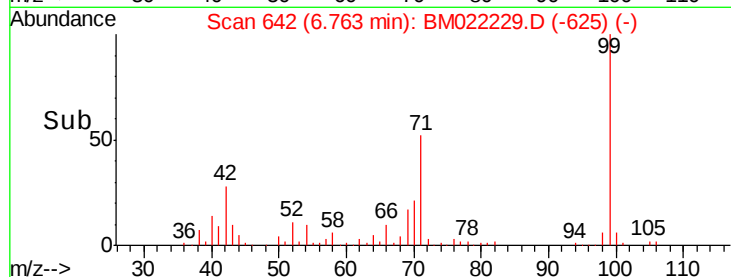
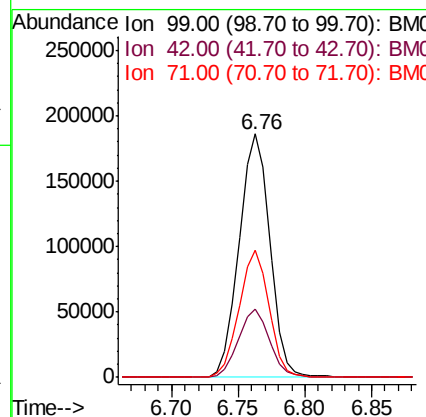
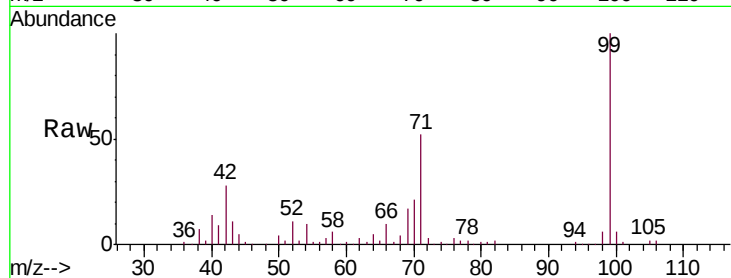
ClientSampled :

SP-1MSD

Tot Ion:	99	Resp:	297643
Ion Ratio	Lower	Upper	
99	100		
42	28.2	13.5	20.3#
71	52.3	29.3	43.9#

Manual Integrations
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#8

2-Chlorophenol

Concen: 44.009 ng

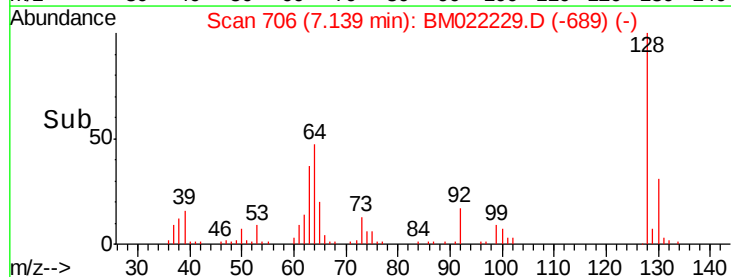
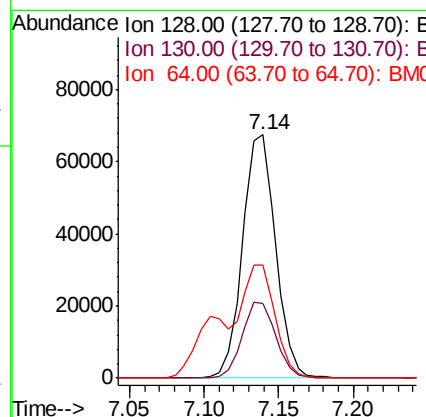
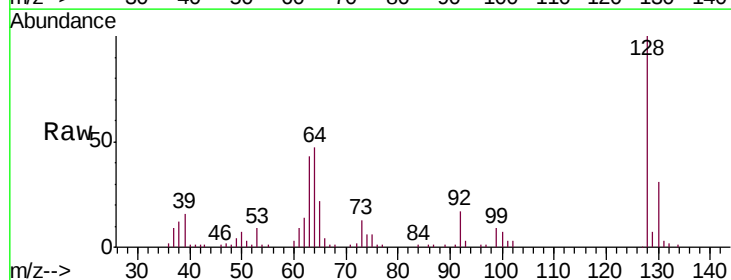
RT: 7.14 min Scan# 706

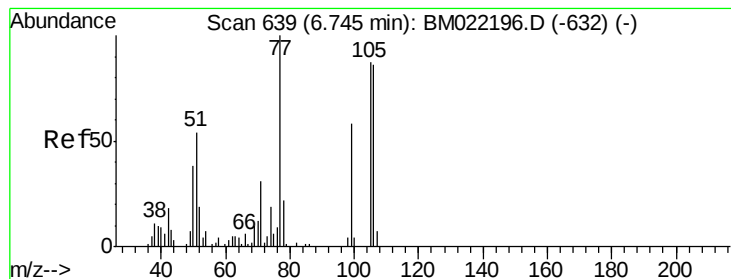
Delta R.T. -0.00 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

Tgt Ion:	128	Resp:	103442
Ion Ratio	Lower	Upper	
128	100		
130	30.5	12.2	52.2
64	46.7	23.2	63.2





#9

Benzaldehyde

Concen: 26.632 ng

RT: 6.74 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

Instrument :

BNA_M

ClientSampleId :

SP-1MSD

Tot Ion: 77 Resp: 44366

Ion Ratio Lower Upper

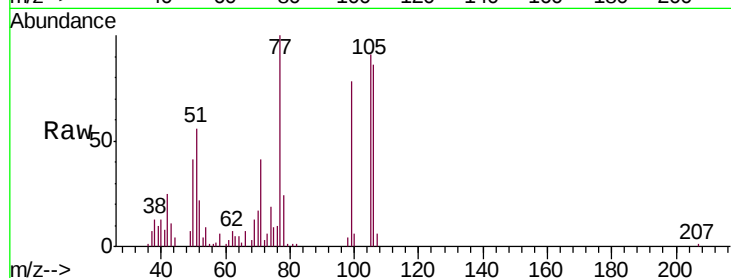
77 100

105 91.1 77.8 117.8

106 85.8 71.8 111.8

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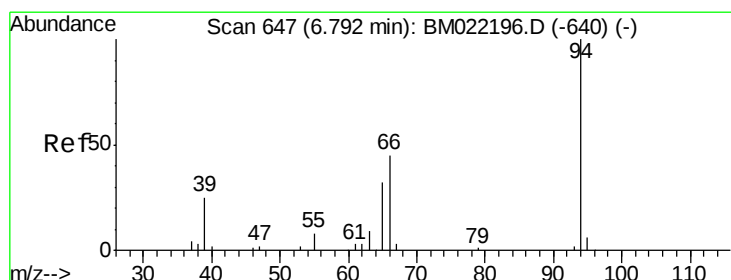
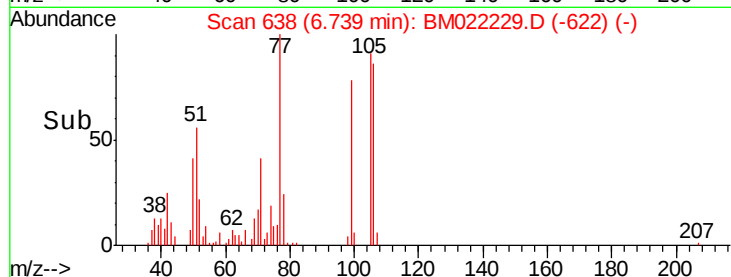
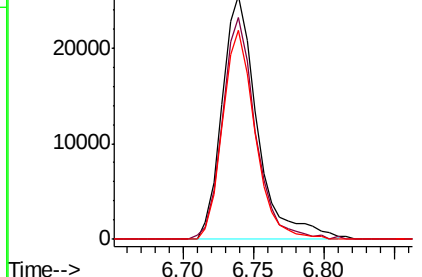
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Abundance Ion 77.00 (76.70 to 77.70): BM022229.D (-632) (-)

Ion 105.00 (104.70 to 105.70): BM022229.D (-632) (-)

Ion 106.00 (105.70 to 106.70): BM022229.D (-632) (-)



#10

Phenol

Concen: 46.182 ng

RT: 6.79 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

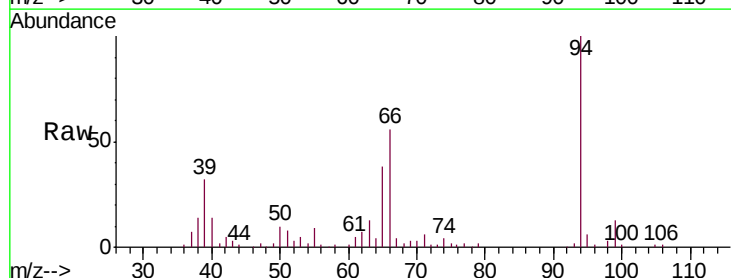
Tgt Ion: 94 Resp: 128532

Ion Ratio Lower Upper

94 100

65 37.5 8.7 48.7

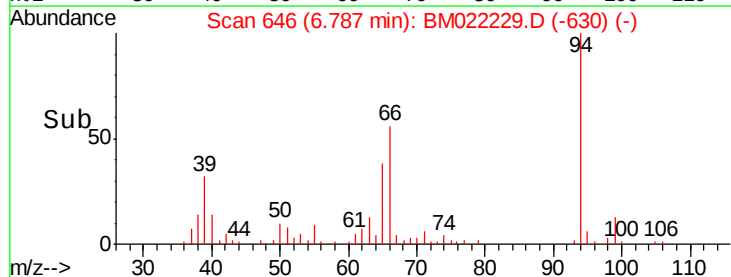
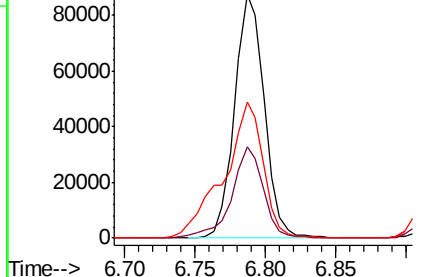
66 55.8 19.0 59.0

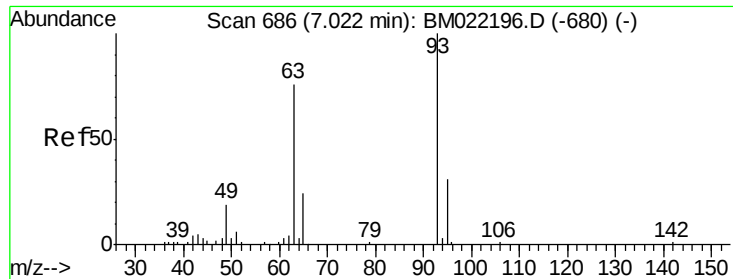


Abundance Ion 94.00 (93.70 to 94.70): BM022229.D (-630) (-)

Ion 65.00 (64.70 to 65.70): BM022229.D (-630) (-)

Ion 66.00 (65.70 to 66.70): BM022229.D (-630) (-)





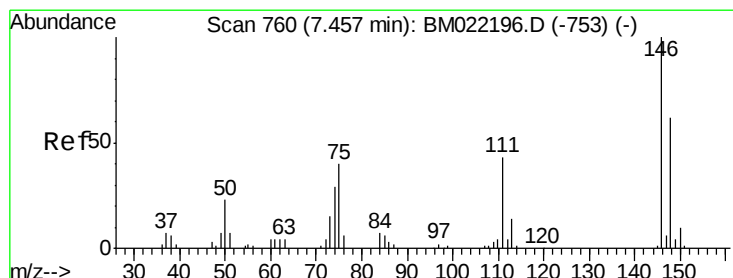
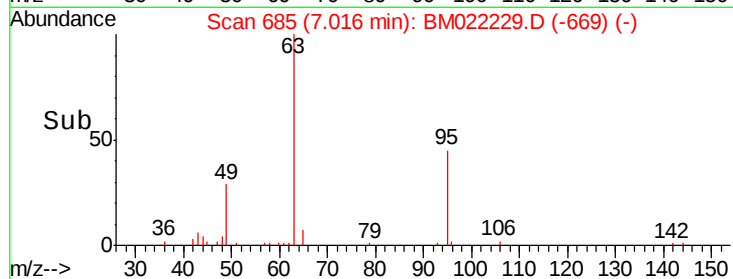
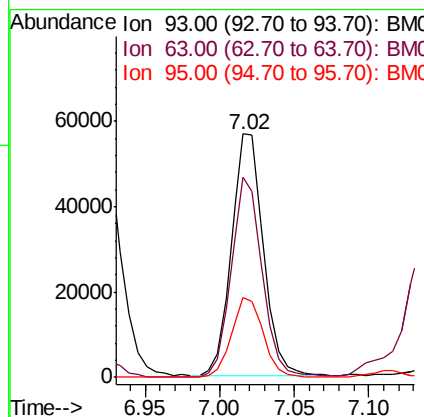
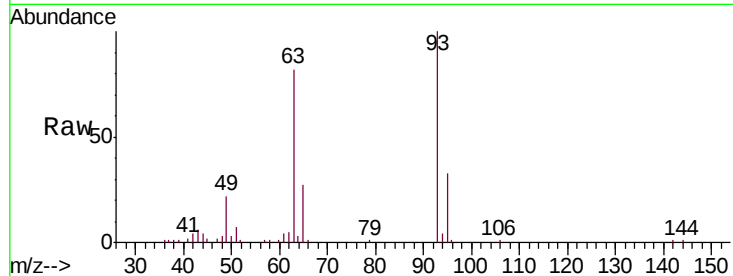
#11
bis(2-Chloroethyl)ether
Concen: 38.271 ng
RT: 7.02 min Scan# 685
Delta R.T. -0.01 min
Lab File: BM022229.D
Acq: 21 Aug 2019 15:07

Instrument :
BNA_M
ClientSampleId :
SP-1MSD

Tot Ion:	93	Resp:	84258
Ion Ratio	Lower	Upper	
93	100		
63	82.0	53.4	93.4
95	32.8	13.0	53.0

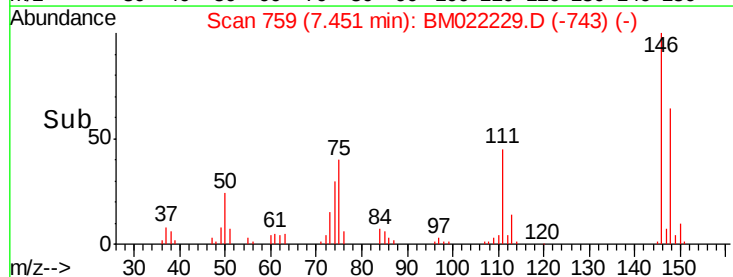
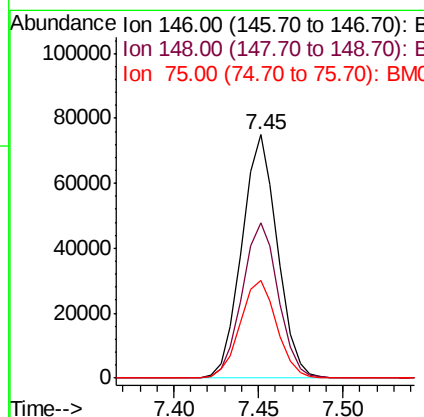
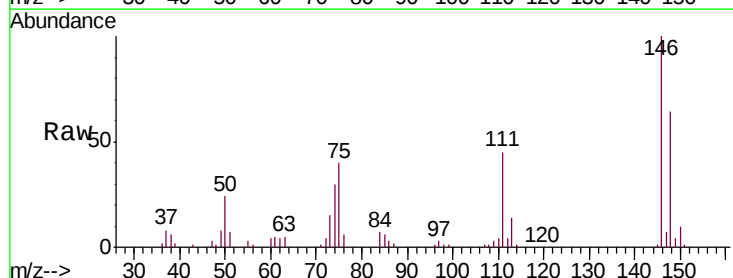
Manual Integrations
APPROVED

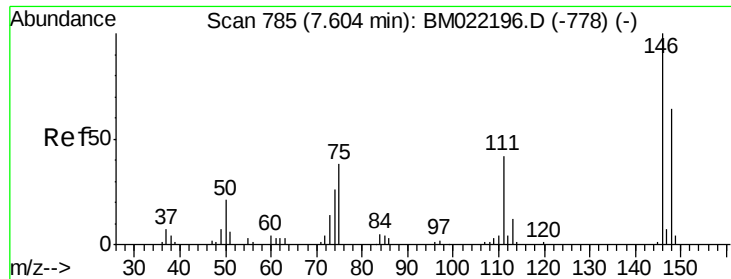
Jagrut
8/22/2019 2:00:13 PM



#12
1,3-Dichlorobenzene
Concen: 38.392 ng
RT: 7.45 min Scan# 759
Delta R.T. -0.01 min
Lab File: BM022229.D
Acq: 21 Aug 2019 15:07

Tgt Ion:	146	Resp:	109987
Ion Ratio	Lower	Upper	
146	100		
148	63.8	52.2	78.2
75	40.3	22.2	33.4#





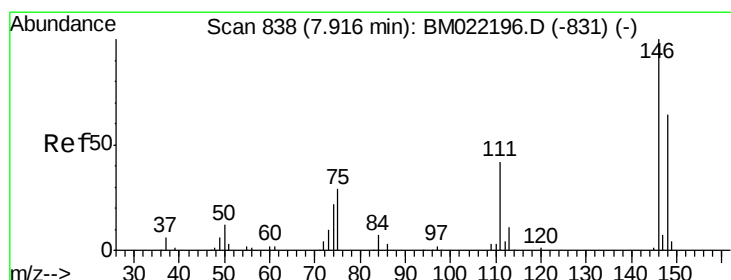
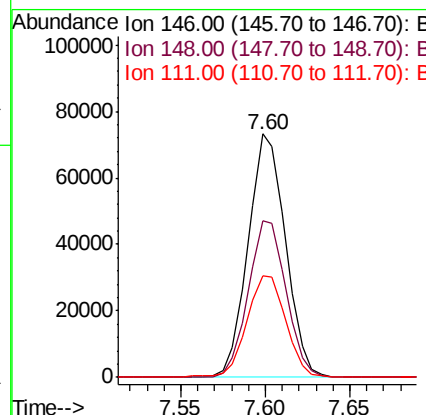
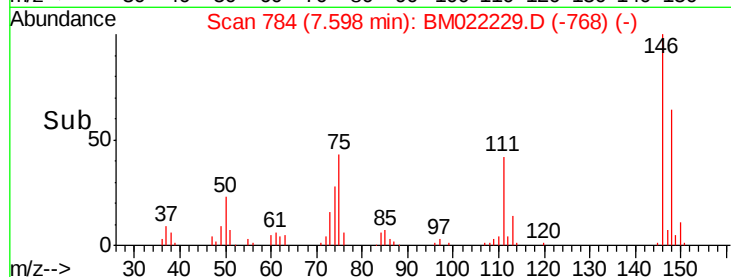
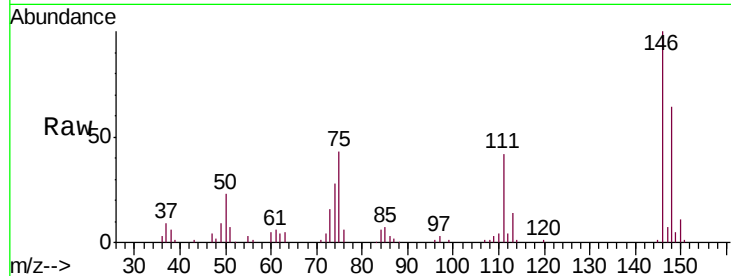
#13
 1,4-Dichlorobenzene
 Concen: 38.742 ng
 RT: 7.60 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BM022229.D
 Acq: 21 Aug 2019 15:07

Instrument :
 BNA_M
 ClientSampleId :
 SP-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.9	77.9
111	41.8	31.4	47.0

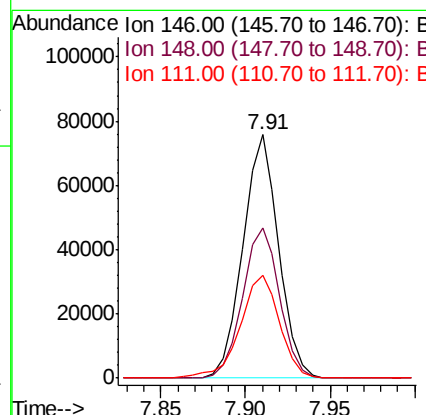
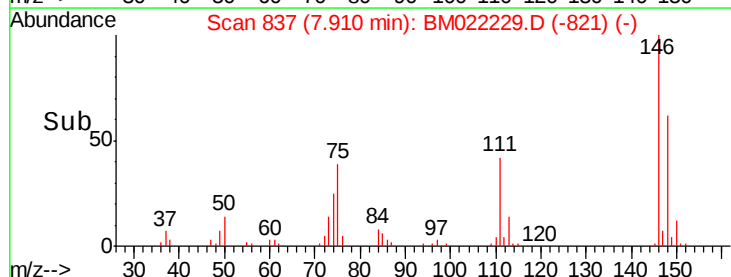
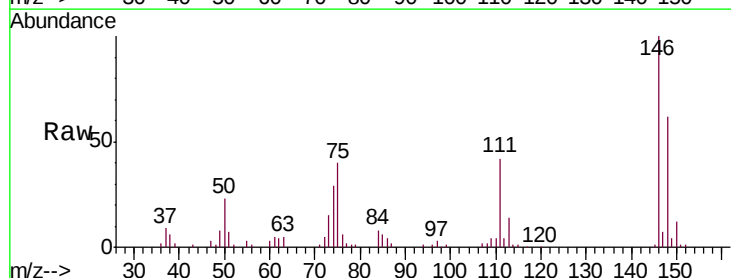
Manual Integrations
 APPROVED

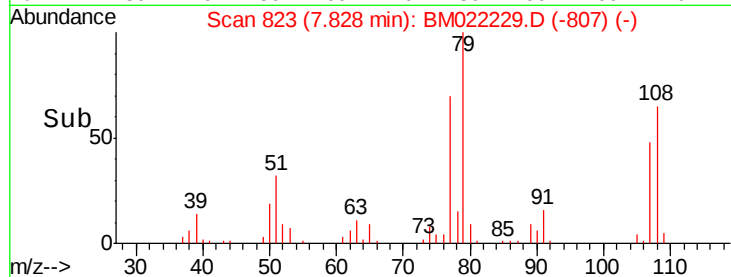
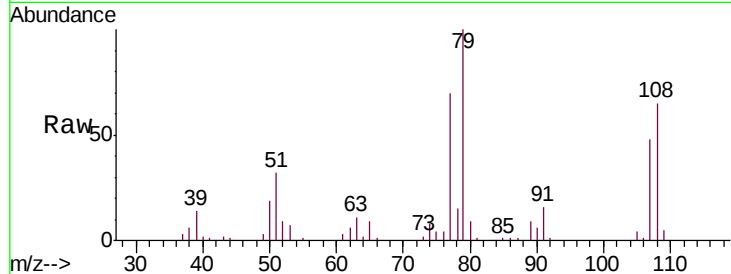
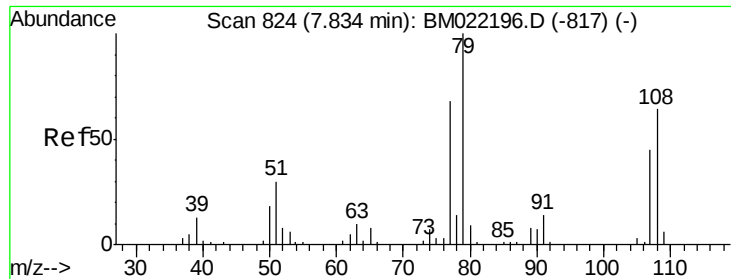
Jagrut
 8/22/2019 2:00:13 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.152 ng
 RT: 7.91 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BM022229.D
 Acq: 21 Aug 2019 15:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.8	51.2	76.8
111	42.1	32.8	49.2





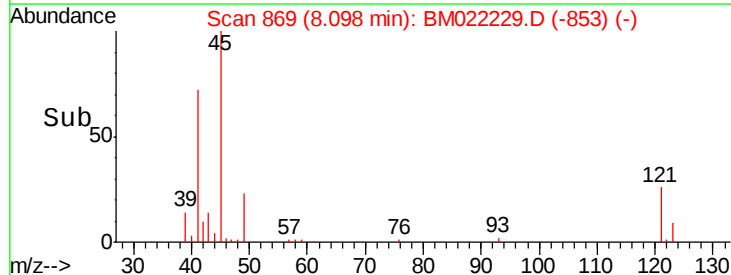
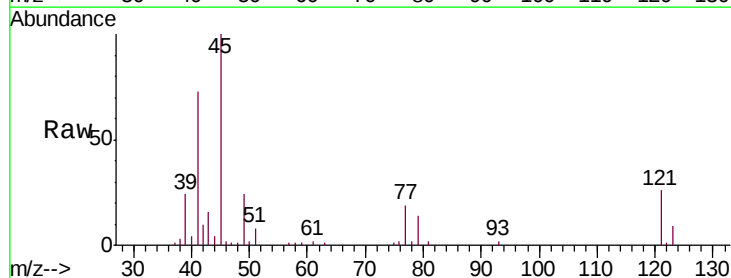
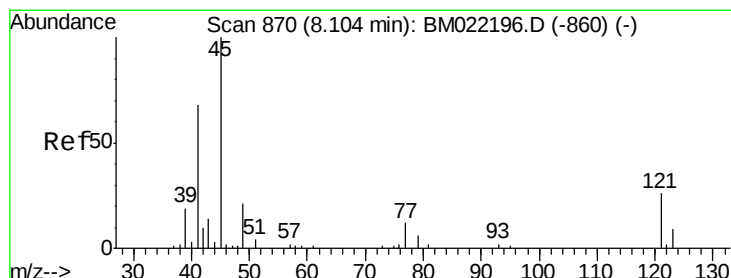
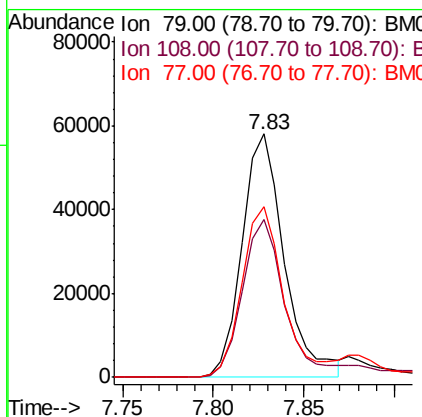
#15
Benzyl Alcohol
Concen: 40.724 ng
RT: 7.83 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM022229.D
Acq: 21 Aug 2019 15:07

Tot Ion	Ratio	Lower	Upper
79	100		
108	64.6	58.4	87.6
77	70.4	50.1	75.1

Instrument :
BNA_M
ClientSampled :
SP-1MSD

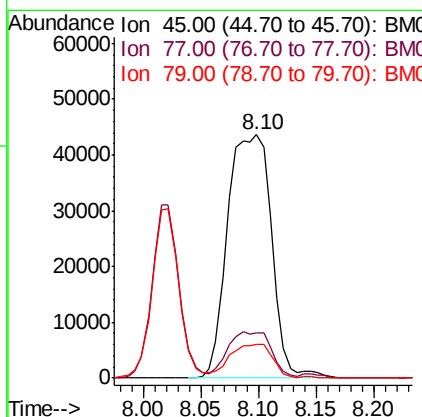
Manual Integrations
APPROVED

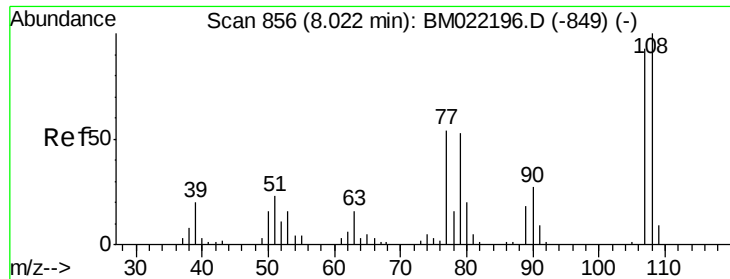
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.674 ng
RT: 8.10 min Scan# 869
Delta R.T. -0.01 min
Lab File: BM022229.D
Acq: 21 Aug 2019 15:07

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.7	0.0	37.5
79	13.9	0.0	33.5





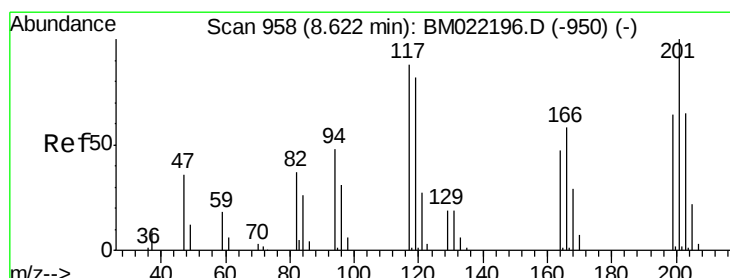
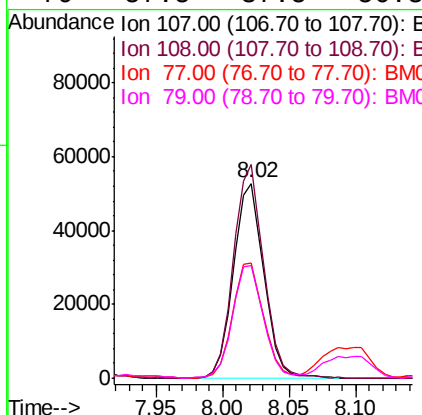
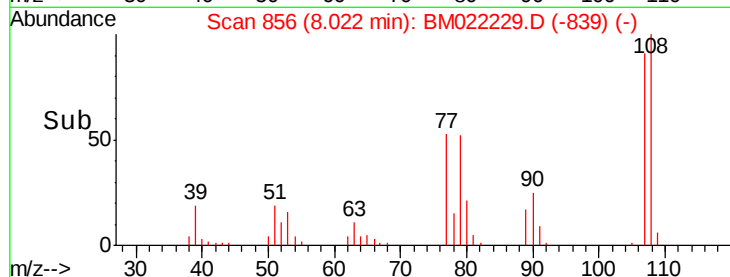
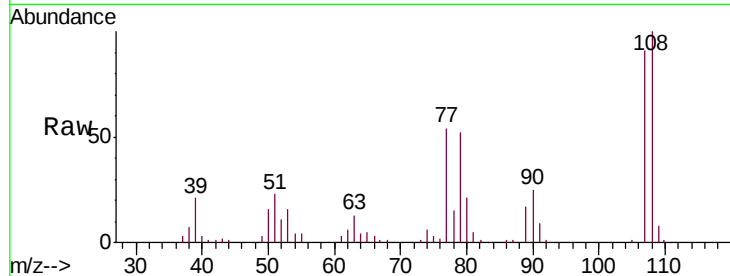
#17
2-Methylphenol
Concen: 42.246 ng
RT: 8.02 min Scan# 856
Delta R.T. 0.00 min
Lab File: BM022229.D
Acq: 21 Aug 2019 15:07

Instrument :
BNA_M
ClientSampleId :
SP-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	83862		
108	108.00	109.5		87.5	131.3
77	77.00	58.8		37.8	56.8
79	79.00	57.5		37.5	56.3

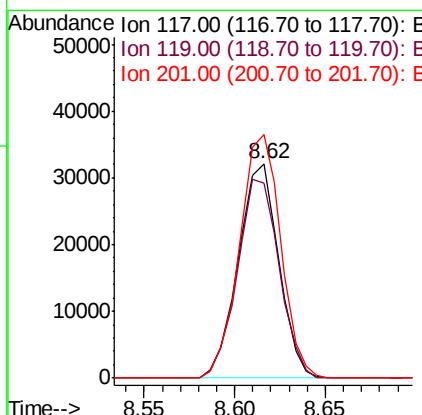
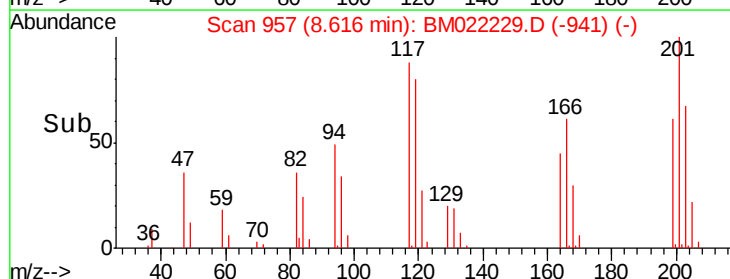
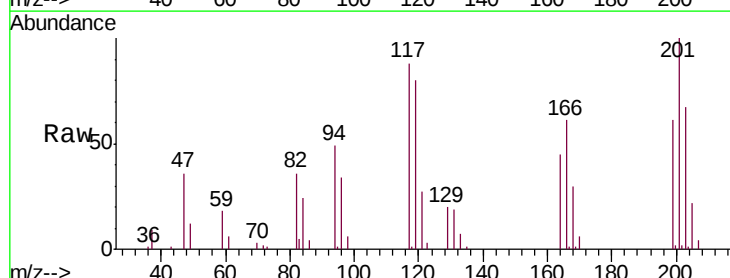
Manual Integrations
APPROVED

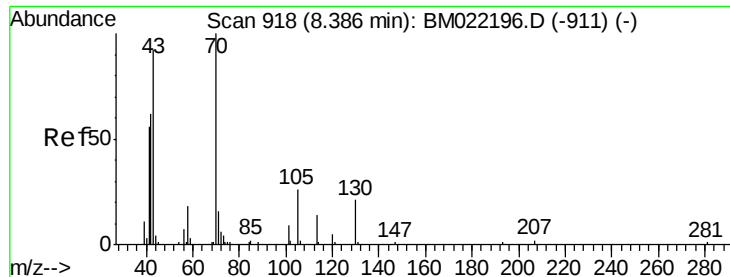
Jagrut
8/22/2019 2:00:13 PM



#18
Hexachloroethane
Concen: 39.527 ng
RT: 8.62 min Scan# 957
Delta R.T. -0.01 min
Lab File: BM022229.D
Acq: 21 Aug 2019 15:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	49912		
119	119.00	90.9		77.5	116.3
201	201.00	113.5		102.3	153.5





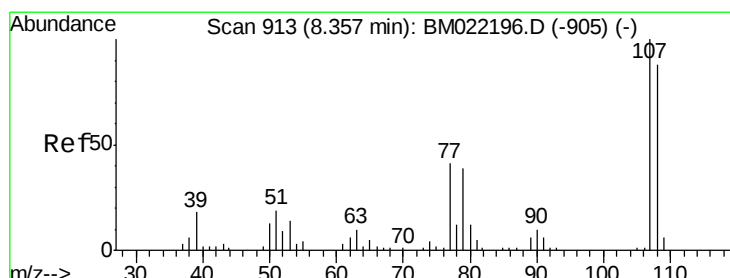
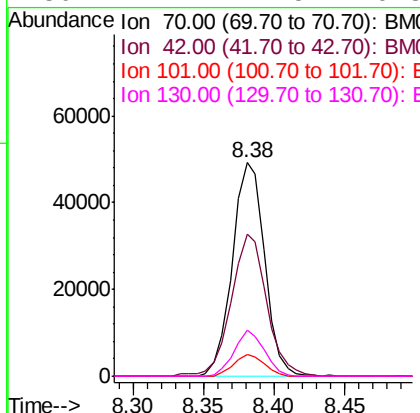
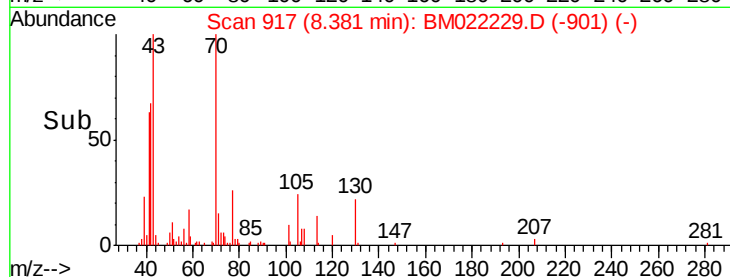
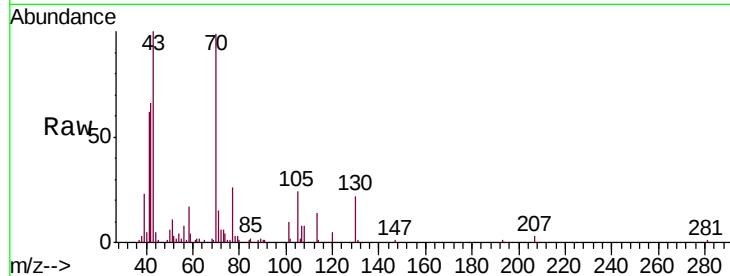
#19
n-Nitroso-di-n-propylamine
Concen: 37.990 ng
RT: 8.38 min Scan# 917
Delta R.T. -0.01 min
Lab File: BM022229.D
Acq: 21 Aug 2019 15:07

Instrument :
BNA_M
ClientSampleId :
SP-1MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	66.8	41.9	62.9#	
101	10.3	8.1	12.1	
130	21.7	17.5	26.3	

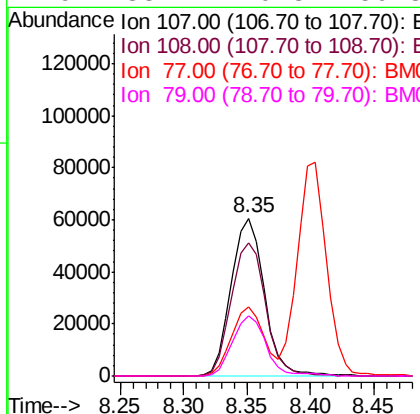
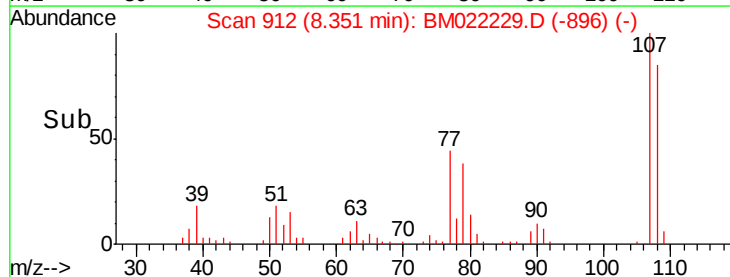
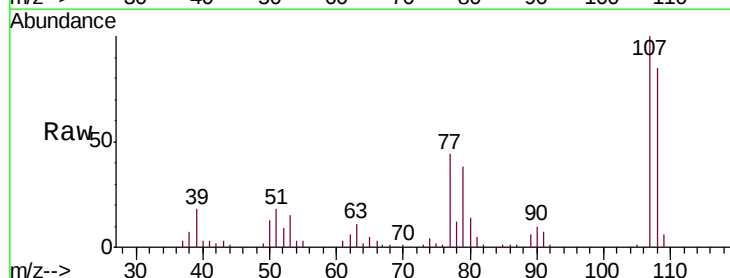
Manual Integrations
APPROVED

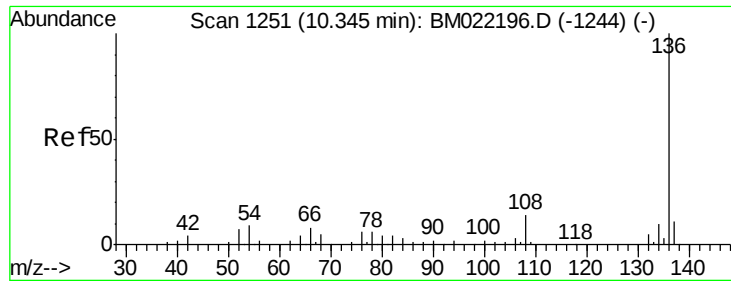
Jagrut
8/22/2019 2:00:13 PM



#20
3+4-Methylphenols
Concen: 41.331 ng
RT: 8.35 min Scan# 912
Delta R.T. -0.01 min
Lab File: BM022229.D
Acq: 21 Aug 2019 15:07

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.5	67.9	107.9	
77	43.8	14.6	54.6	
79	38.2	10.8	50.8	





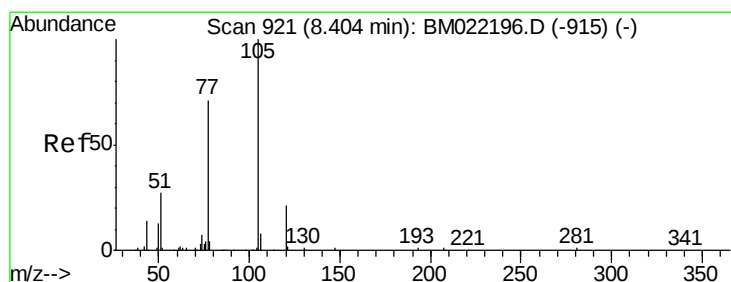
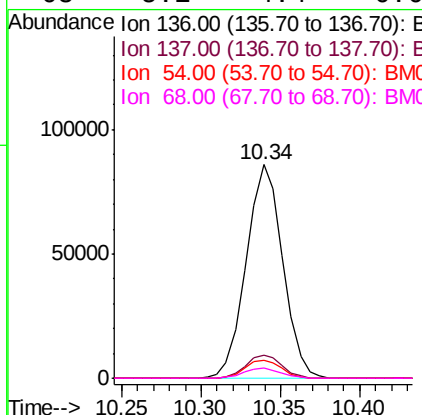
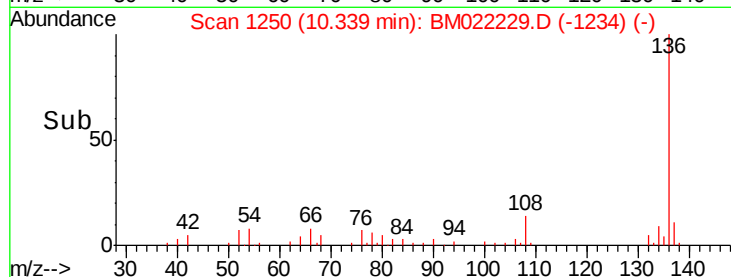
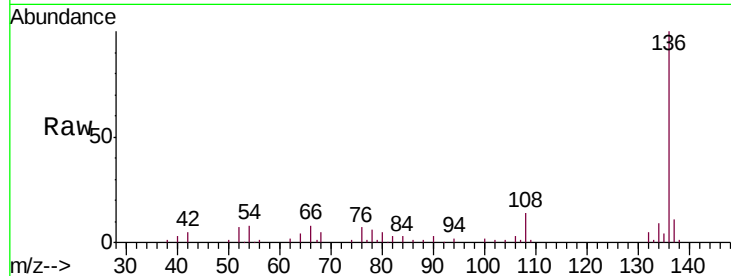
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BM022229.D
Acq: 21 Aug 2019 15:07

Instrument :
BNA_M
ClientSampleId :
SP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	137504		
137	10.8	8.6	13.0	
54	8.3	5.3	7.9	
68	5.1	4.4	6.6	

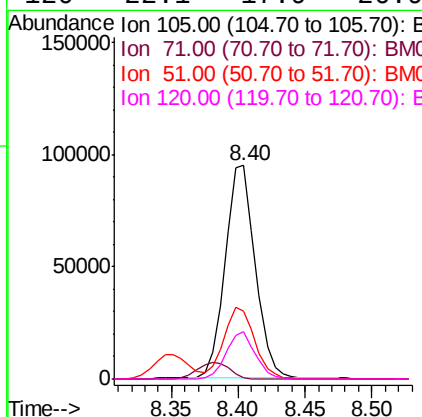
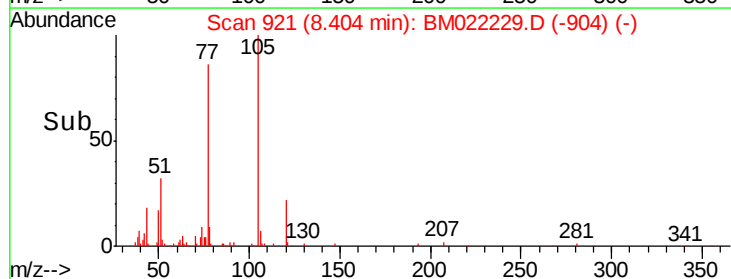
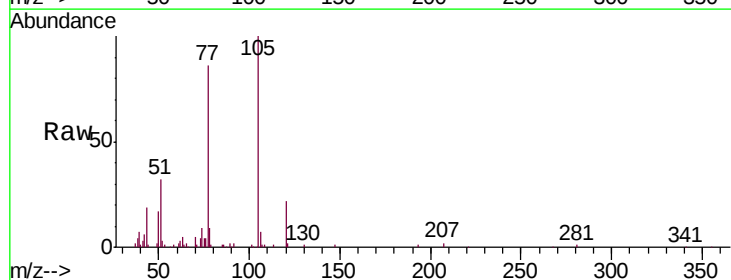
Manual Integrations
APPROVED

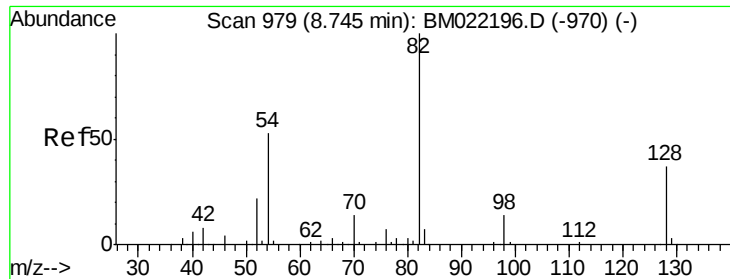
Jagrut
8/22/2019 2:00:13 PM



#22
Acetophenone
Concen: 42.588 ng
RT: 8.40 min Scan# 921
Delta R.T. -0.00 min
Lab File: BM022229.D
Acq: 21 Aug 2019 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	150229		
71	0.8	1.2	1.8	
51	32.0	19.1	28.7	
120	22.1	17.9	26.9	





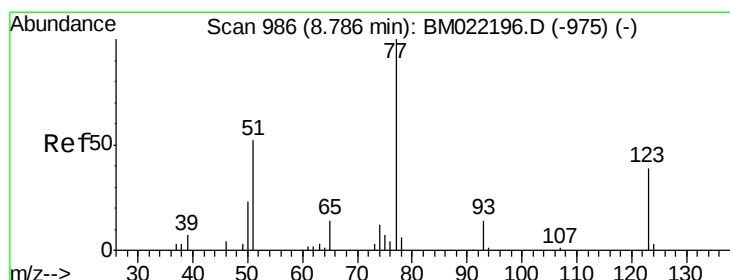
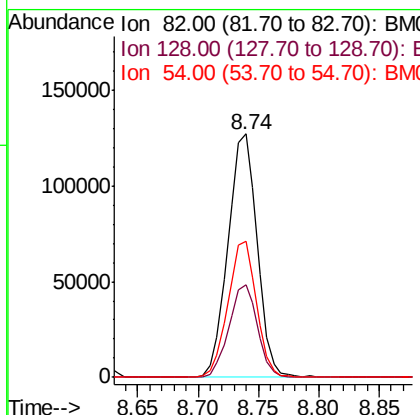
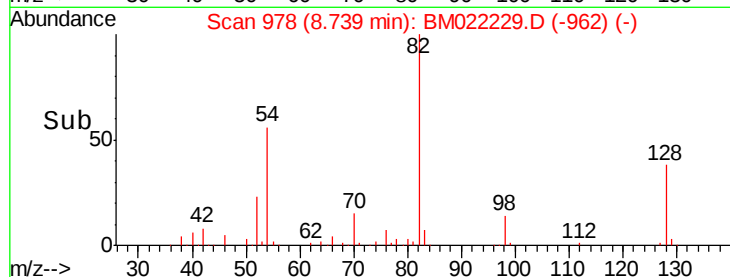
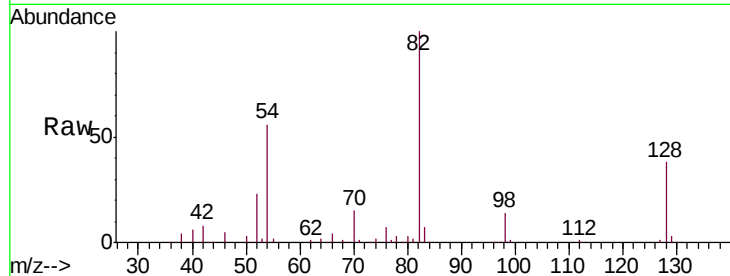
#23
Nitrobenzene-d5
Concen: 75.718 ng
RT: 8.74 min Scan# 978
Delta R.T. -0.01 min
Lab File: BM022229.D
Acq: 21 Aug 2019 15:07

Instrument :
BNA_M
ClientSampleId :
SP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	38.2	35.9	53.9	
54	55.8	36.6	55.0	

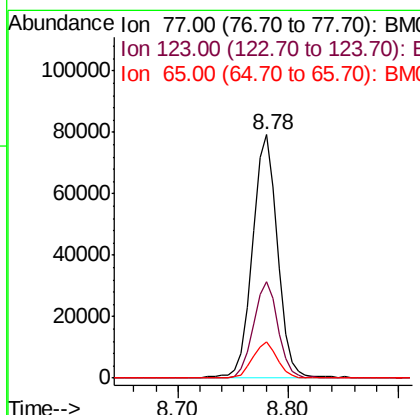
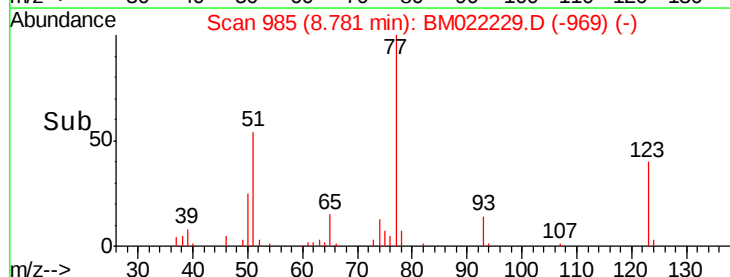
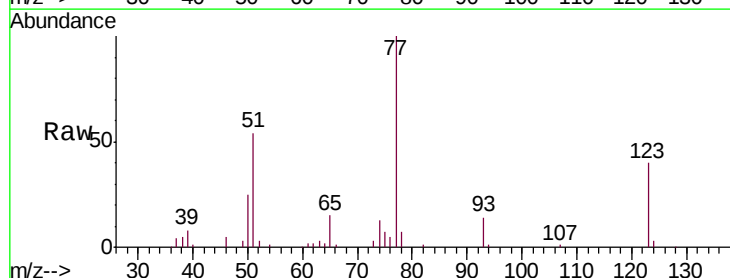
Manual Integrations
APPROVED

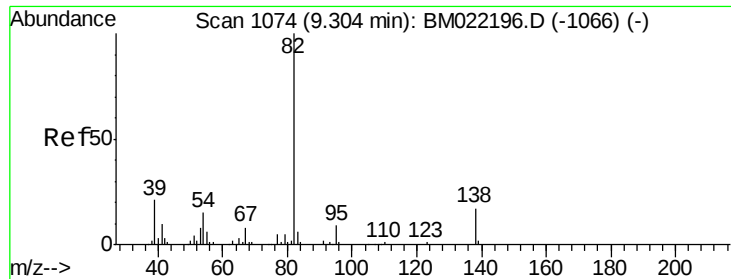
Jagrut
8/22/2019 2:00:13 PM



#24
Nitrobenzene
Concen: 43.711 ng
RT: 8.78 min Scan# 985
Delta R.T. -0.01 min
Lab File: BM022229.D
Acq: 21 Aug 2019 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	39.8	36.3	54.5	
65	14.8	10.6	16.0	





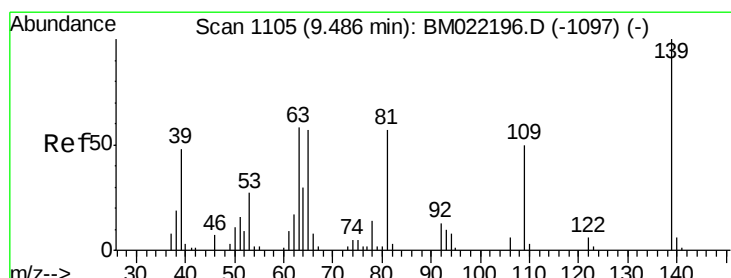
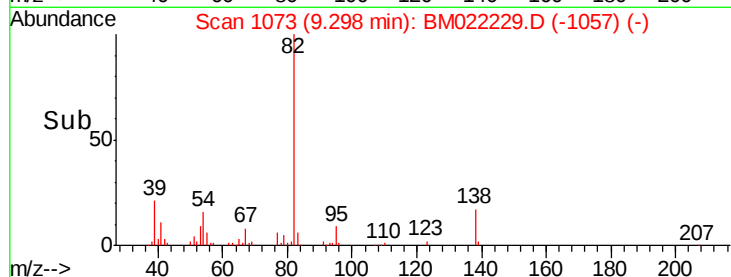
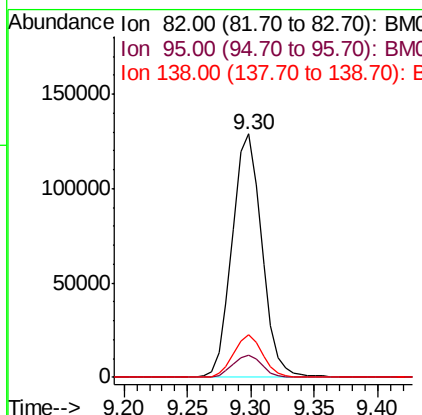
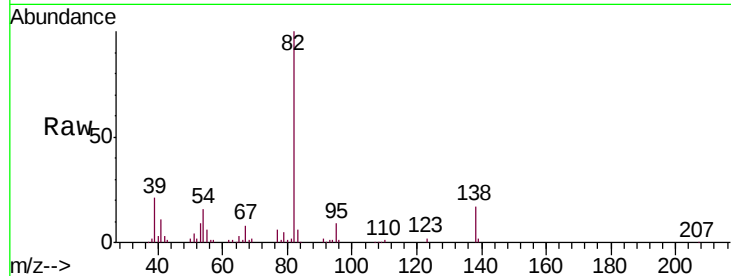
#25
Isophorone
Concen: 41.818 ng
RT: 9.30 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BM022229.D
Acq: 21 Aug 2019 15:07

Instrument :
BNA_M
ClientSampleId :
SP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	209811		
95	9.1	6.1	9.1	
138	17.4	15.0	22.6	

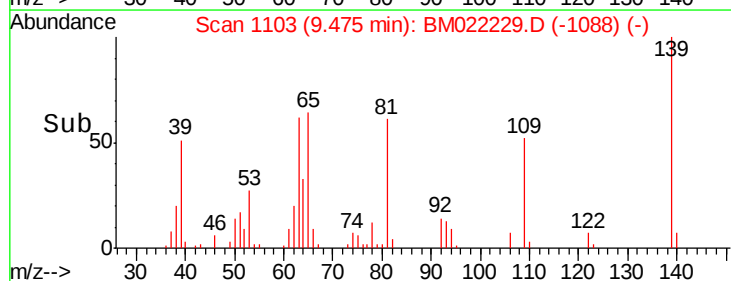
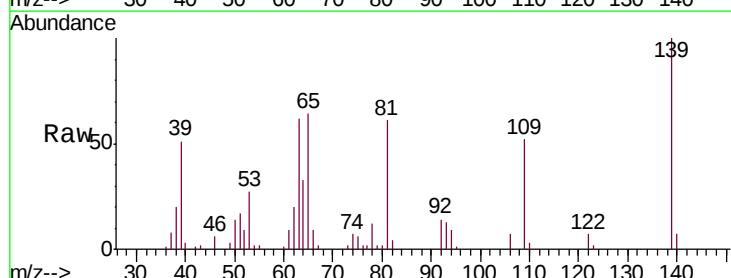
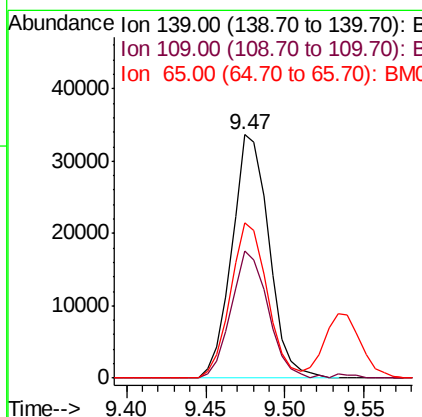
Manual Integrations
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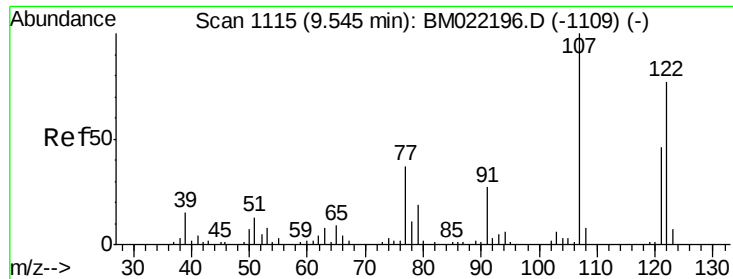
Jagrut
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#26
2-Nitrophenol
Concen: 44.664 ng
RT: 9.47 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BM022229.D
Acq: 21 Aug 2019 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	54762		
109	52.4	25.2	37.8#	
65	63.9	37.4	56.0#	





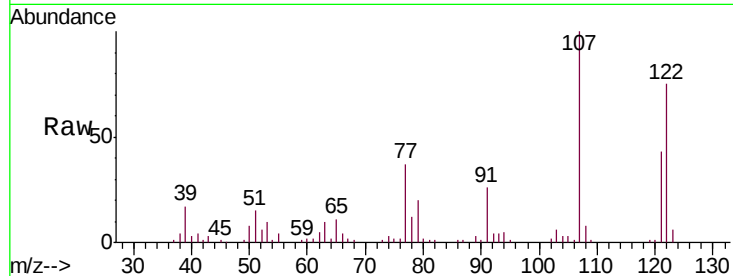
#27
2,4-Dimethylphenol
Concen: 49.790 ng
RT: 9.54 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BM022229.D
Acq: 21 Aug 2019 15:07

Instrument :
BNA_M
ClientSampled :
SP-1MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	134.1	95.3	142.9
121	58.1	47.5	71.3

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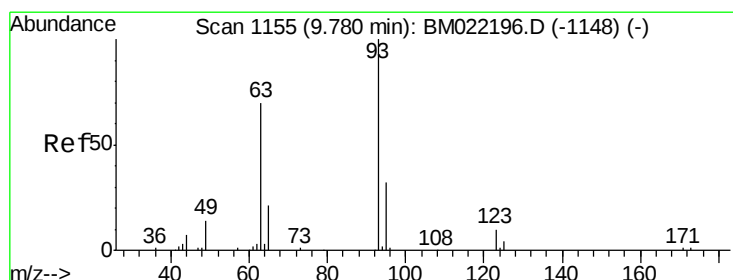
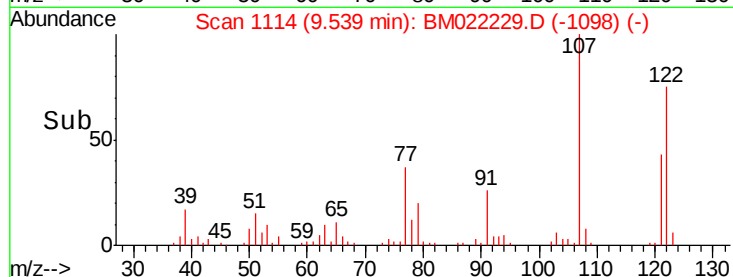
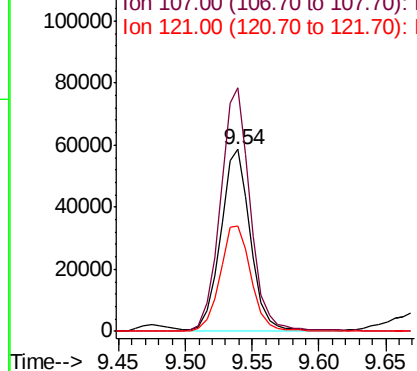


Abundance

Ion 122.00 (121.70 to 122.70): E

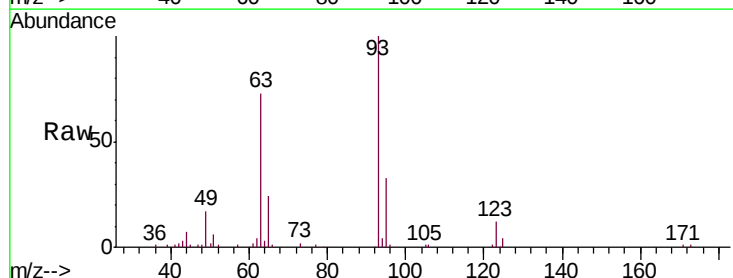
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 41.906 ng
RT: 9.77 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BM022229.D
Acq: 21 Aug 2019 15:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.2	39.2
123	11.9	9.0	13.4

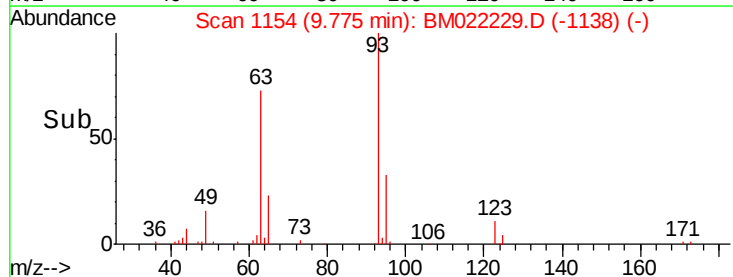
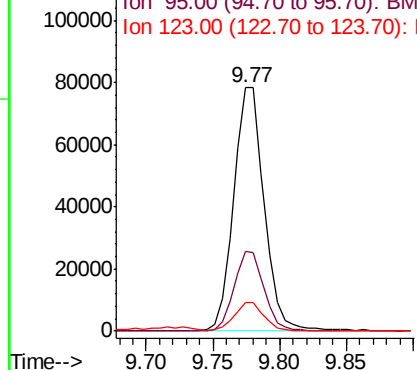


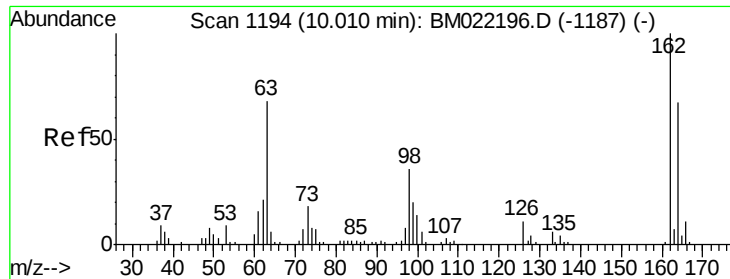
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





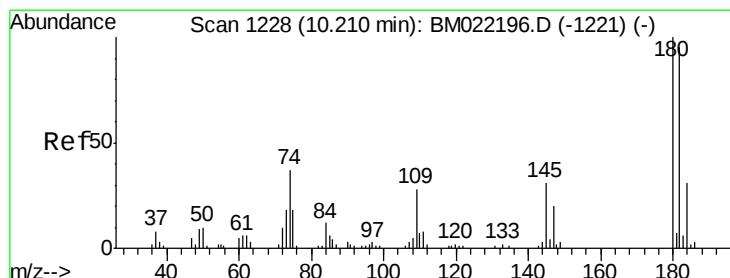
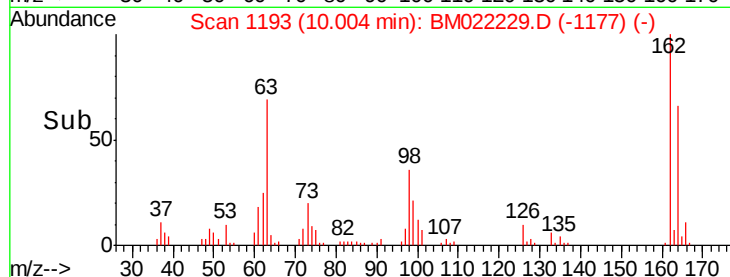
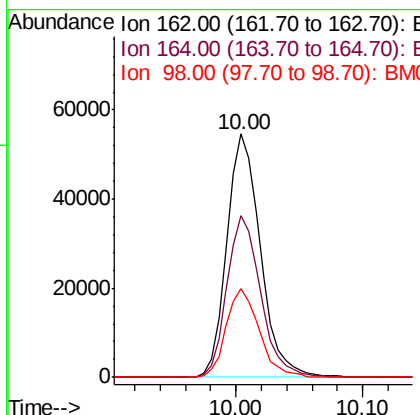
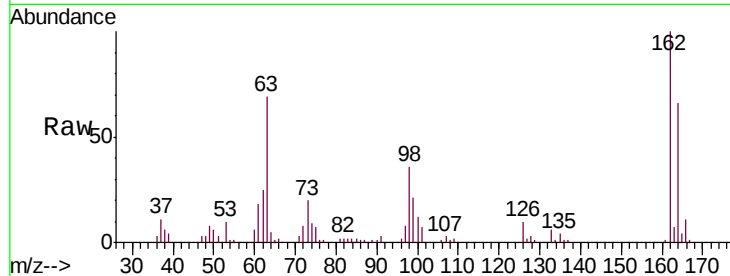
#29
 2,4-Dichlorophenol
 Concen: 44.942 ng
 RT: 10.00 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BM022229.D
 Acq: 21 Aug 2019 15:07

Instrument :
 BNA_M
 ClientSampleId :
 SP-1MSD

Tot Ion:	162	Resp:	100228
Ion Ratio	Lower	Upper	
162	100		
164	66.3	43.7	83.7
98	36.2	13.4	53.4

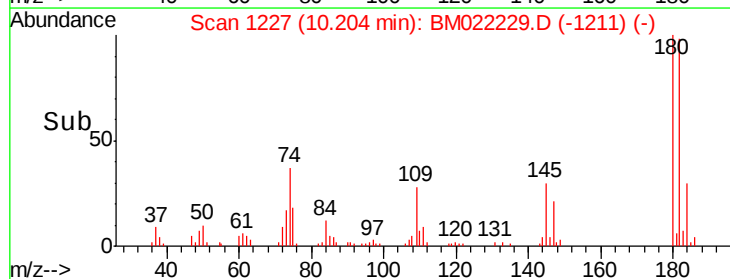
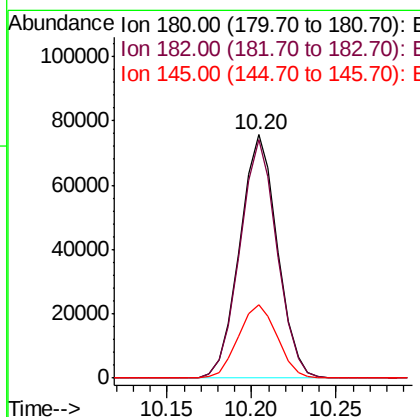
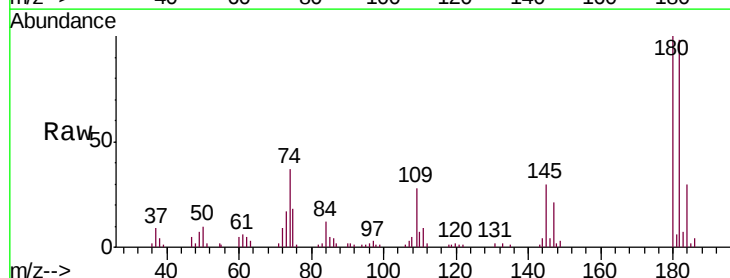
Manual Integrations
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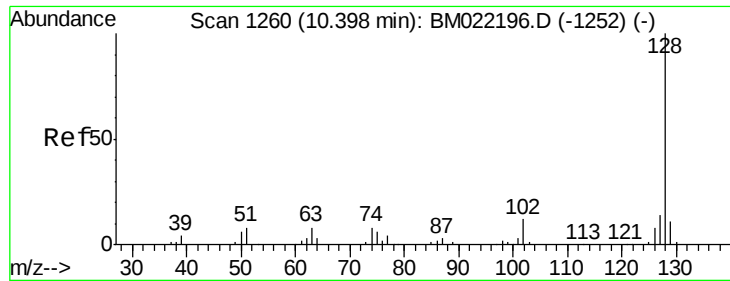
Jagrut
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.758 ng
 RT: 10.20 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BM022229.D
 Acq: 21 Aug 2019 15:07

Tgt Ion:	180	Resp:	117457
Ion Ratio	Lower	Upper	
180	100		
182	97.7	78.0	117.0
145	29.9	23.4	35.0





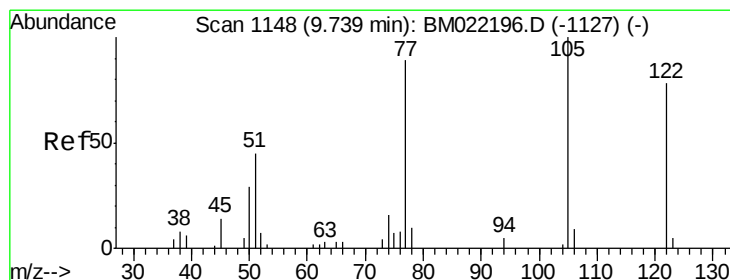
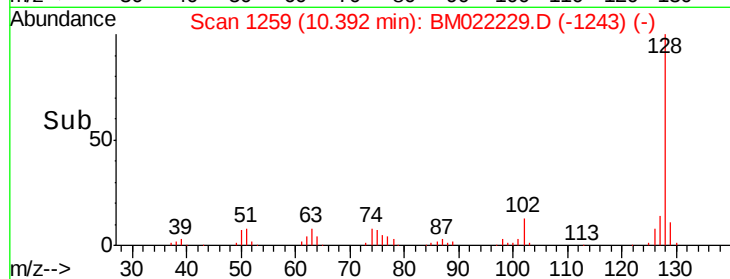
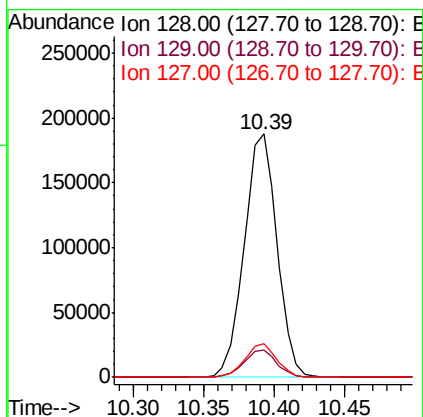
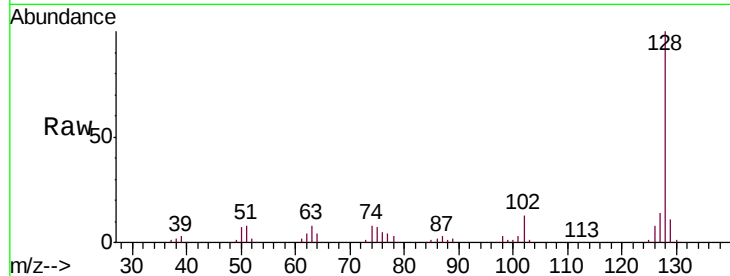
#31
Naphthalene
Concen: 42.840 ng
RT: 10.39 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BM022229.D
Acq: 21 Aug 2019 15:07

Instrument :
BNA_M
ClientSampled :
SP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	305948		
129	11.5	8.6	13.0	
127	13.8	10.8	16.2	

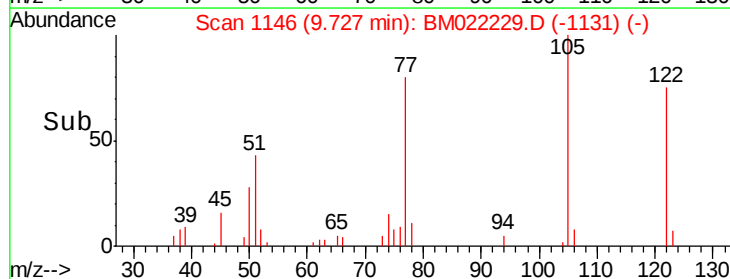
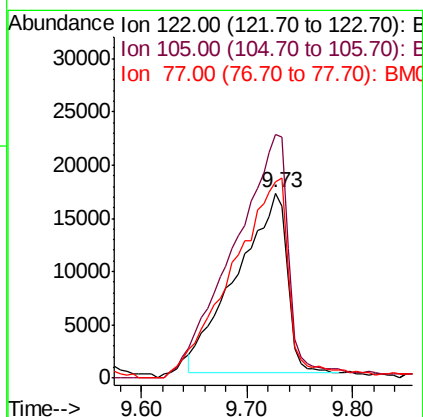
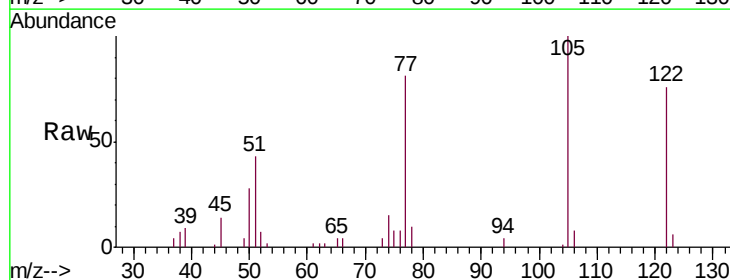
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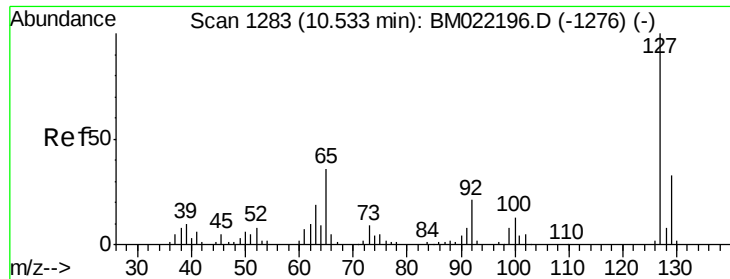
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#32
Benzoic acid
Concen: 35.327 ng
RT: 9.73 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BM022229.D
Acq: 21 Aug 2019 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	55732		
105	131.8	108.9	148.9	
77	106.1	76.7	116.7	





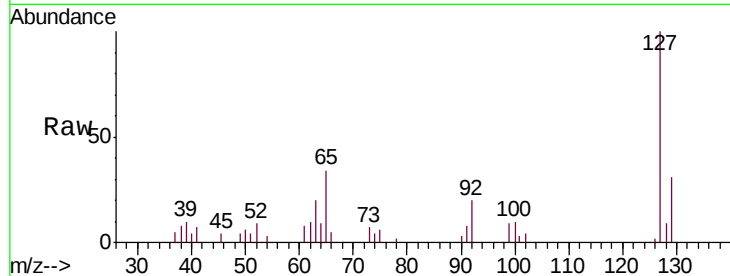
#33
4-Chloroaniline
Concen: 8.880 ng
RT: 10.54 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BM022229.D
Acq: 21 Aug 2019 15:07

Instrument :
BNA_M
ClientSampleId :
SP-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		26540		
129	30.8	25.1	37.7		
65	34.4	23.8	35.8		
92	20.2	15.7	23.5		

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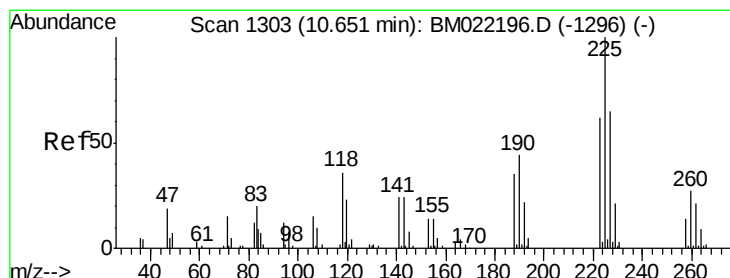
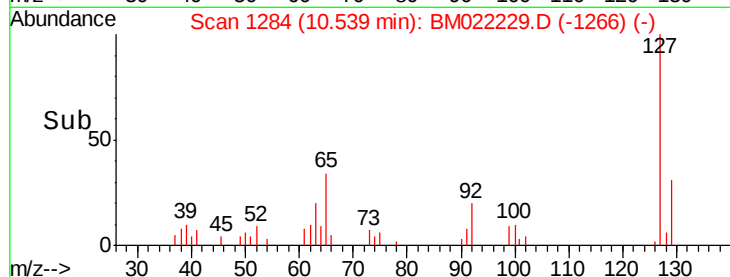
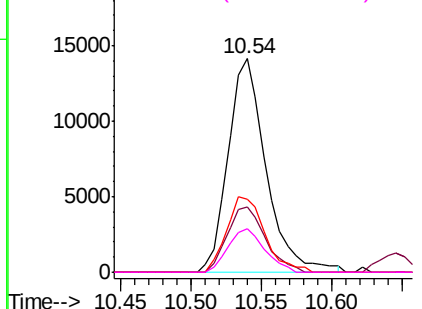
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

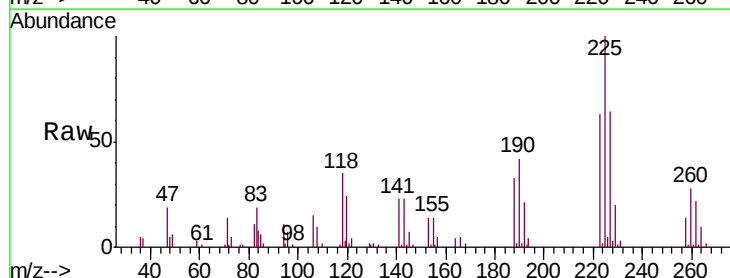
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 42.532 ng
RT: 10.65 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BM022229.D
Acq: 21 Aug 2019 15:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		100251		
223	63.2	49.6	74.4		
227	63.6	50.4	75.6		

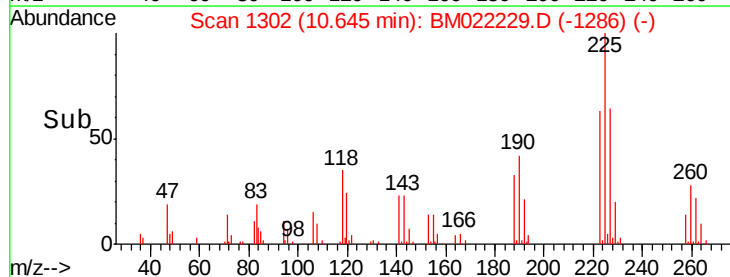
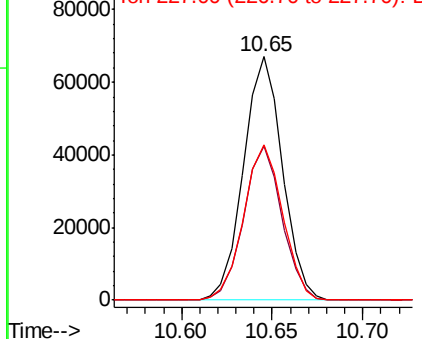


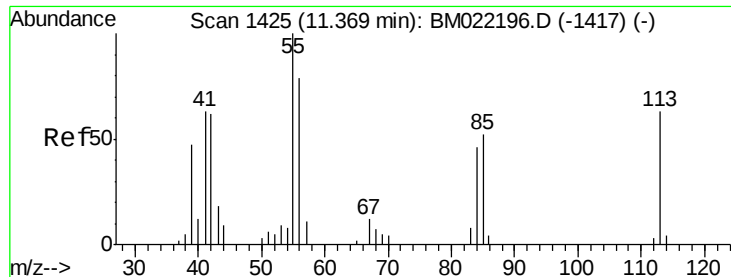
Abundance

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: 38.767 ng/mL

RT: 11.36 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

Instrument :

BNA_M

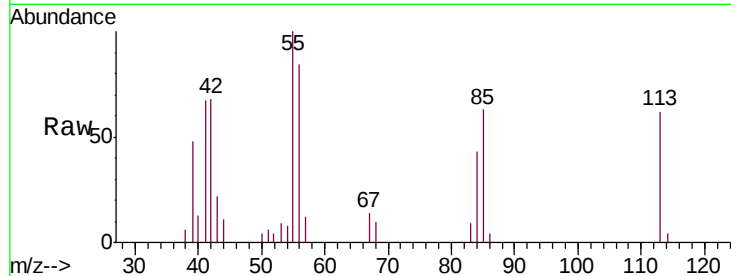
ClientSampled :

SP-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	161.6	129.8	169.8		
56	135.1	94.3	134.3		

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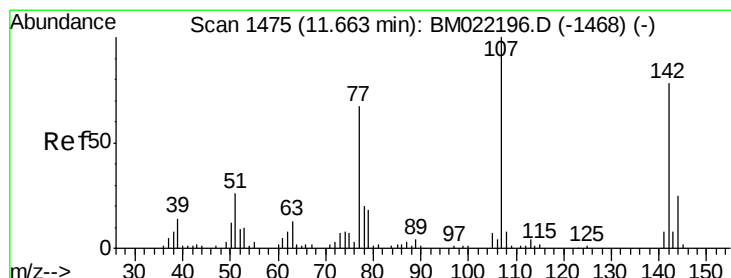
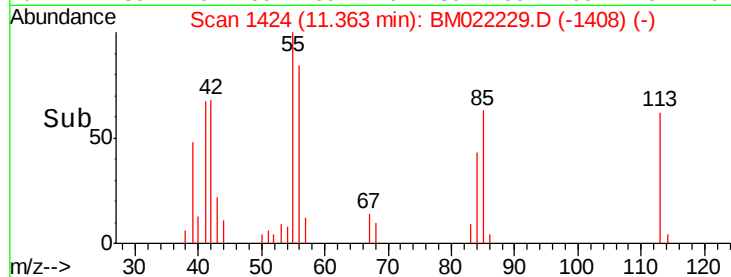
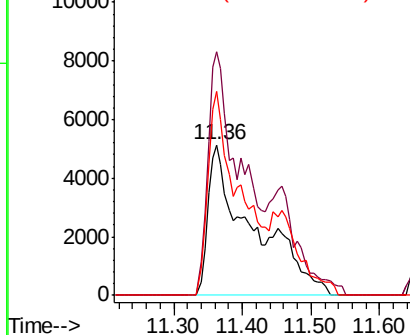


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 43.172 ng/mL

RT: 11.66 min Scan# 1475

Delta R.T. -0.00 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

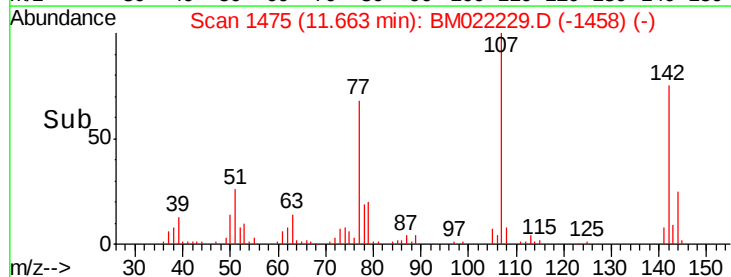
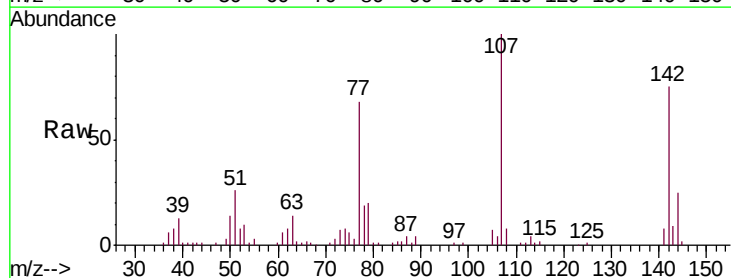
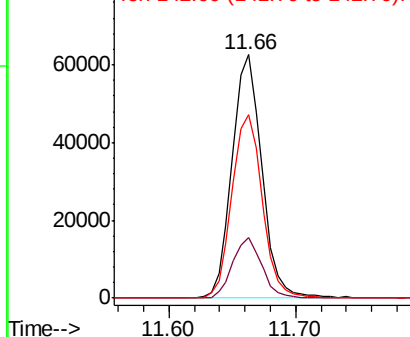
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	24.9	21.3	31.9		
142	75.5	64.9	97.3		

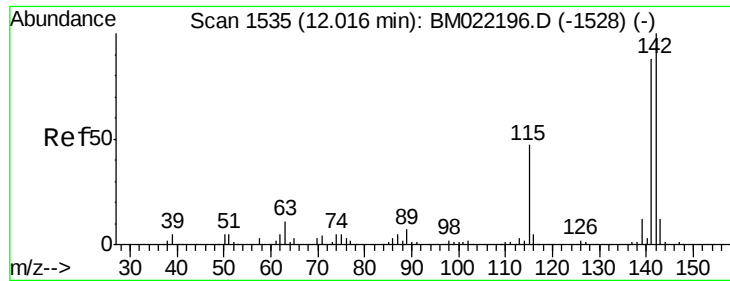
Abundance

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





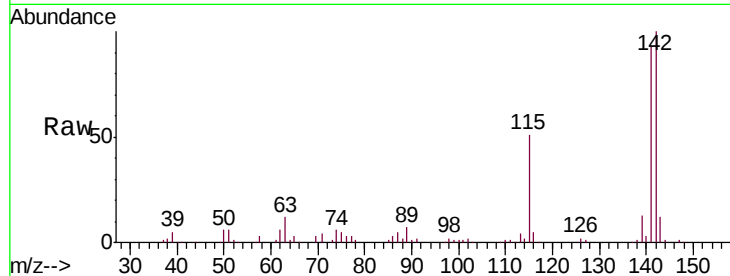
#37
2-Methylnaphthalene
Concen: 42.484 ng
RT: 12.01 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BM022229.D
Acq: 21 Aug 2019 15:07

Instrument :
BNA_M
ClientSampleId :
SP-1MSD

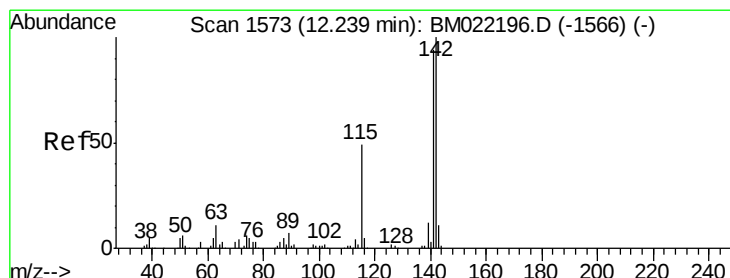
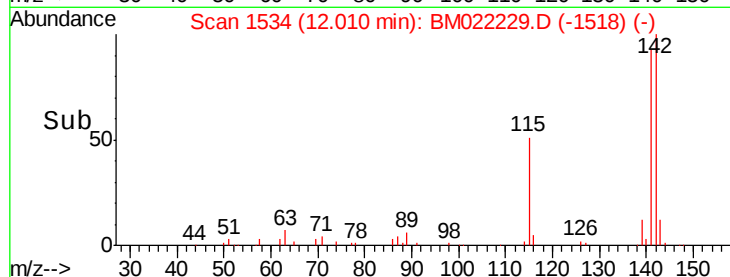
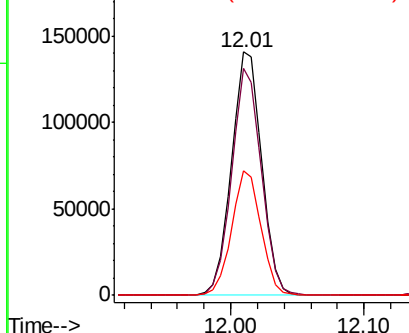
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.2	72.2	108.2
115	51.3	27.9	41.9#

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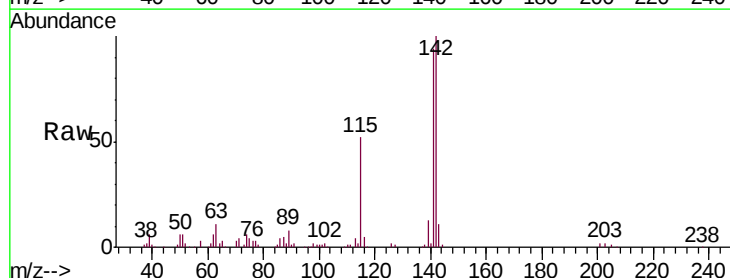


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

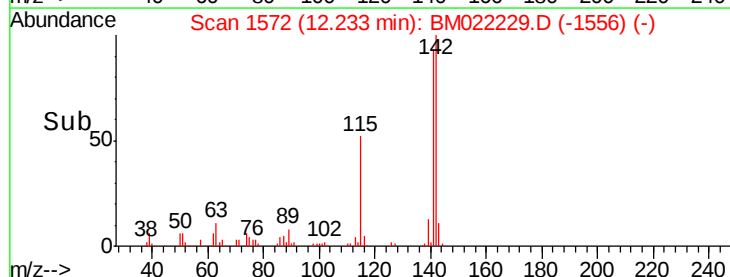
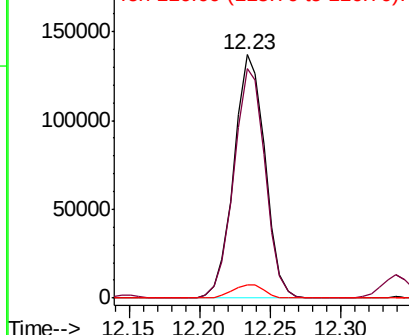


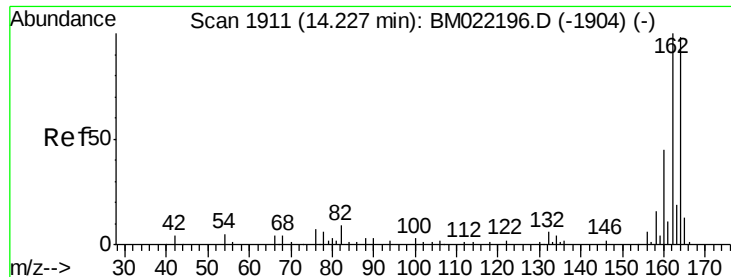
#38
1-Methylnaphthalene
Concen: 42.198 ng
RT: 12.23 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BM022229.D
Acq: 21 Aug 2019 15:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.1	73.9	110.9
116	5.3	3.0	4.6#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





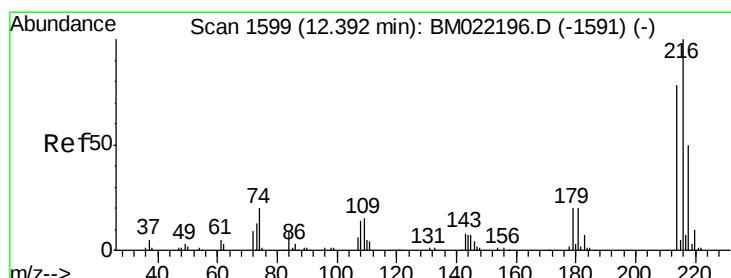
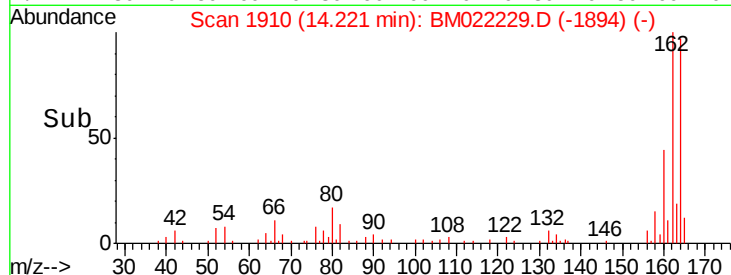
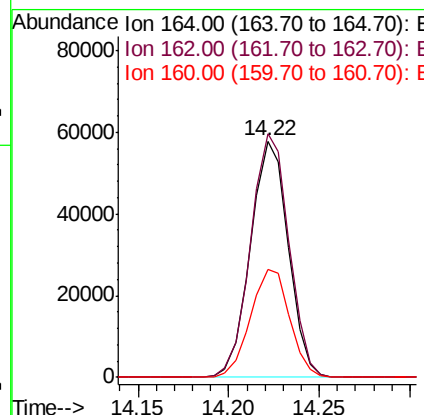
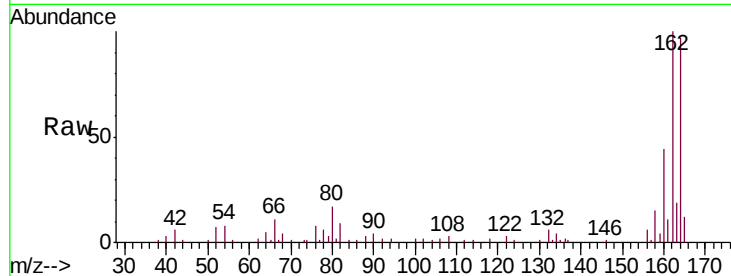
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BM022229.D
Acq: 21 Aug 2019 15:07

Instrument :
BNA_M
ClientSampleId :
SP-1MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.1	123.1
160	45.6	37.1	55.7

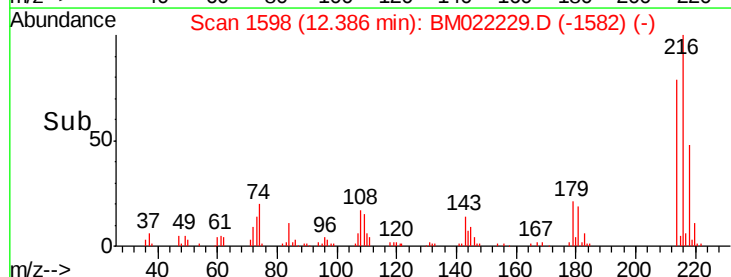
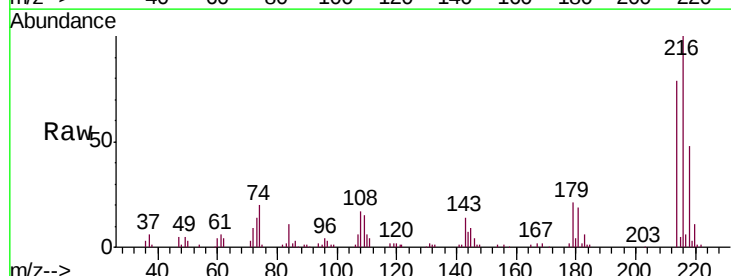
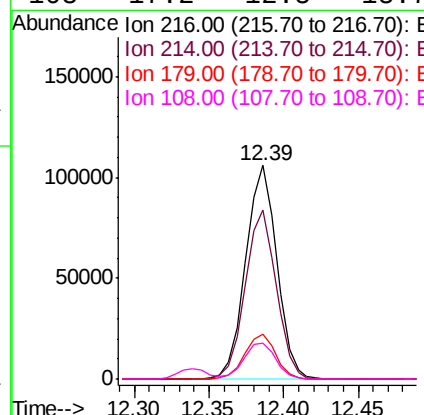
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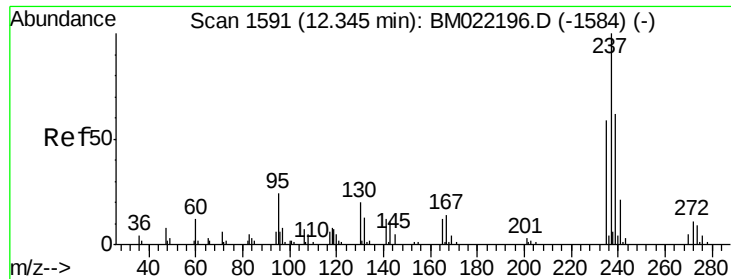
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.556 ng
RT: 12.39 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BM022229.D
Acq: 21 Aug 2019 15:07

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.0	94.6
179	20.7	16.4	24.6
108	17.2	12.5	18.7





#41

Hexachlorocyclopentadiene

Concen: 81.938 ng

RT: 12.34 min Scan# 1590

Delta R.T. -0.00 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

Instrument :

BNA_M

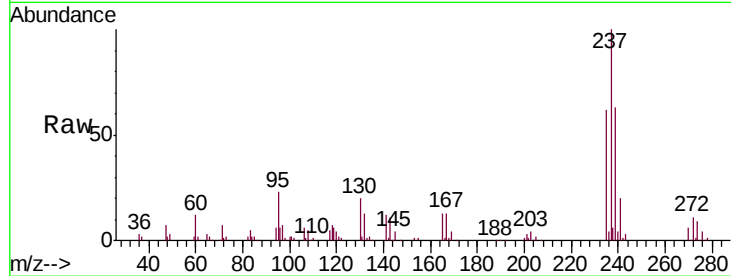
ClientSampled :

SP-1MSD

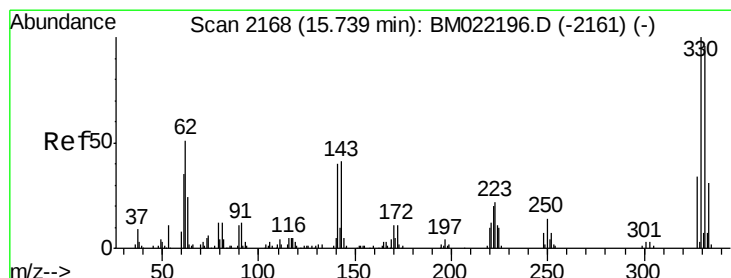
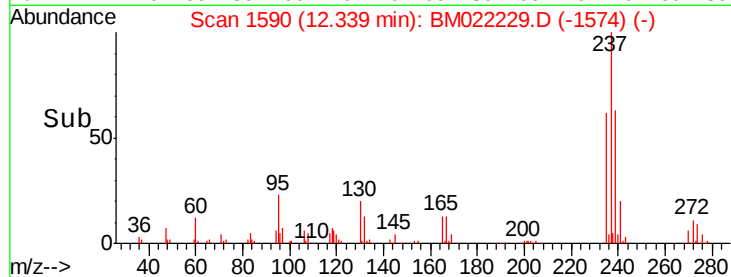
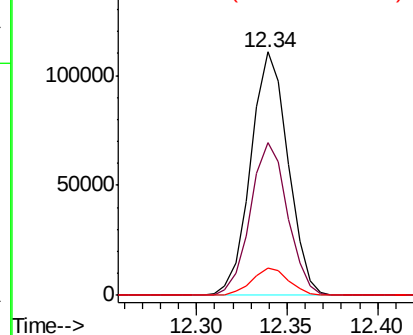
Tot Ion:	237	Resp:	158233
Ion Ratio	Lower	Upper	
237	100		
235	62.5	41.7	81.7
272	11.2	0.0	34.1

Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 103.822 ng

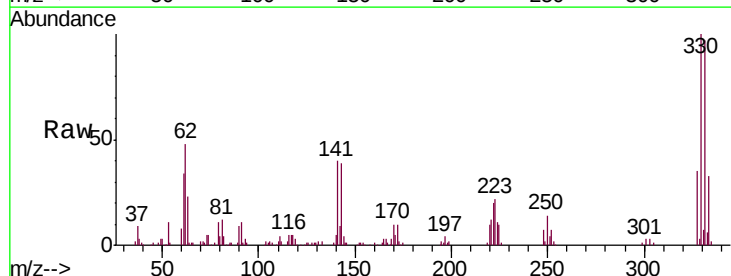
RT: 15.73 min Scan# 2167

Delta R.T. -0.01 min

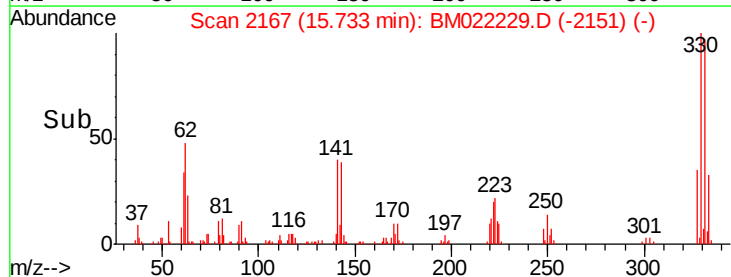
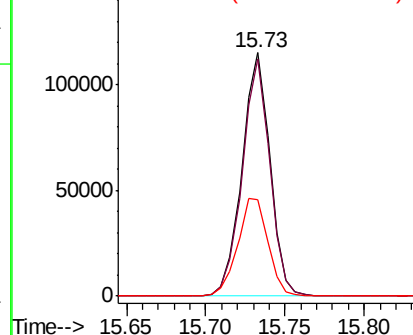
Lab File: BM022229.D

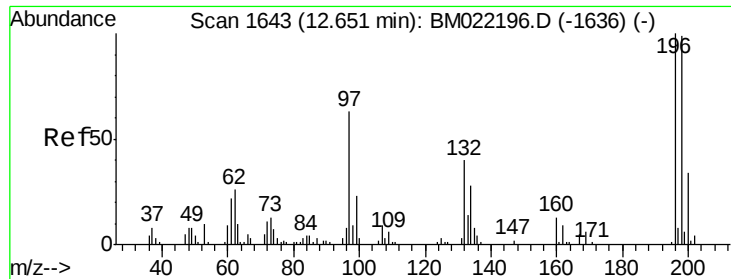
Acq: 21 Aug 2019 15:07

Tgt Ion:	330	Resp:	141010
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.1	115.7
141	43.5	21.8	32.8#



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





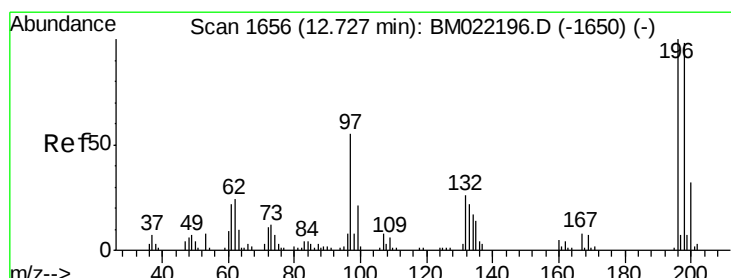
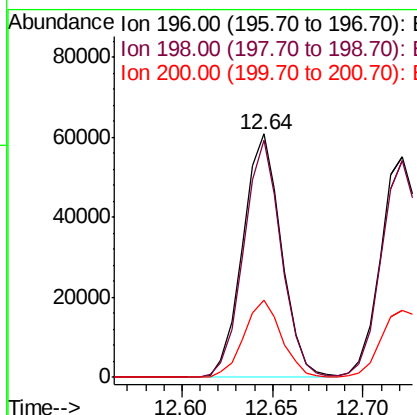
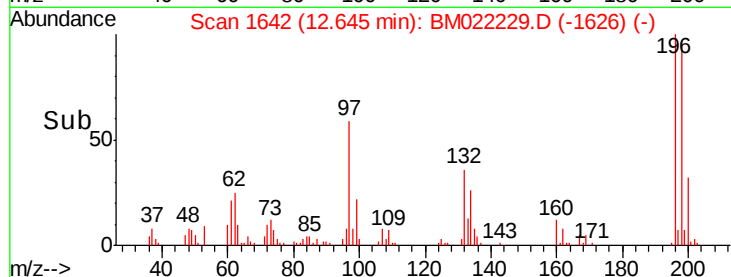
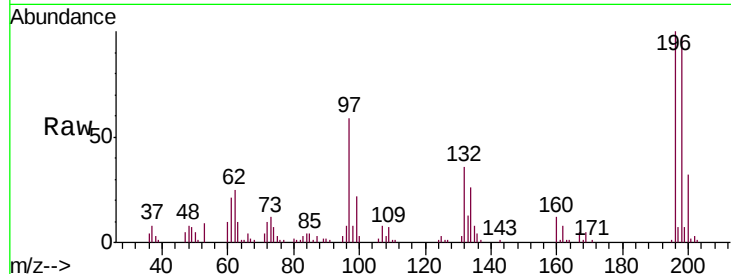
#43
 2,4,6-Trichlorophenol
 Concen: 45.618 ng
 RT: 12.64 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BM022229.D
 Acq: 21 Aug 2019 15:07

Instrument :
 BNA_M
 ClientSampled :
 SP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	89820		
198	97.5	76.7	115.1	
200	31.7	24.2	36.4	

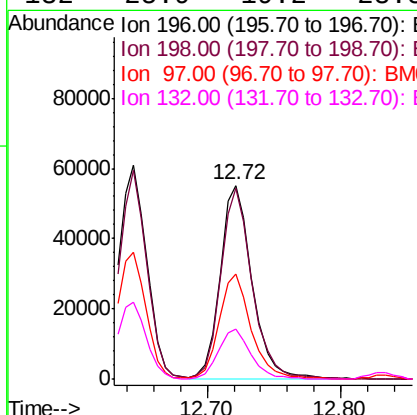
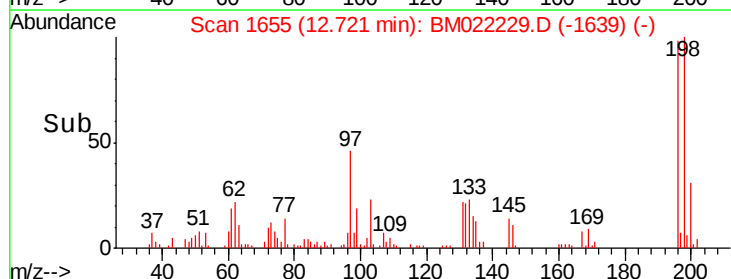
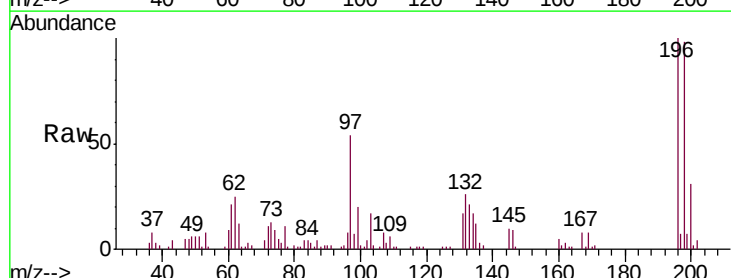
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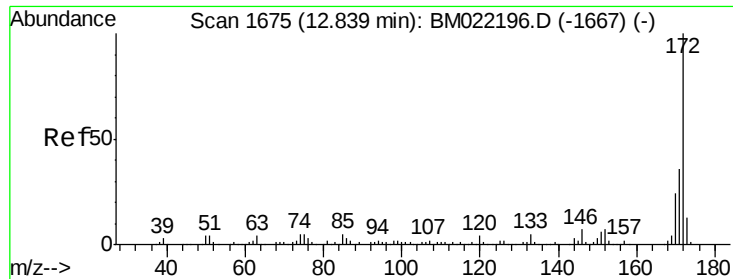
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#44
 2,4,5-Trichlorophenol
 Concen: 46.402 ng
 RT: 12.72 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BM022229.D
 Acq: 21 Aug 2019 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	92740		
198	98.3	78.2	117.4	
97	54.4	34.1	51.1#	
132	25.9	19.2	28.8	





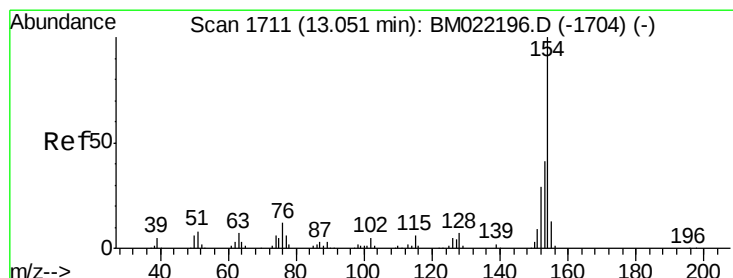
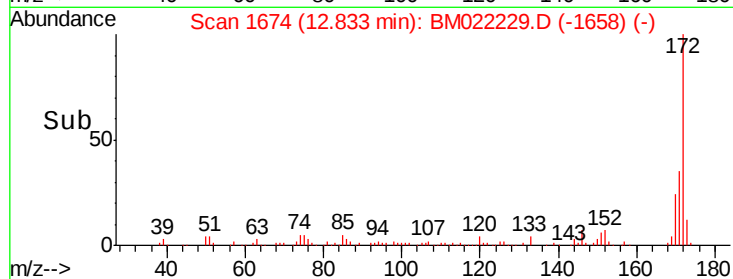
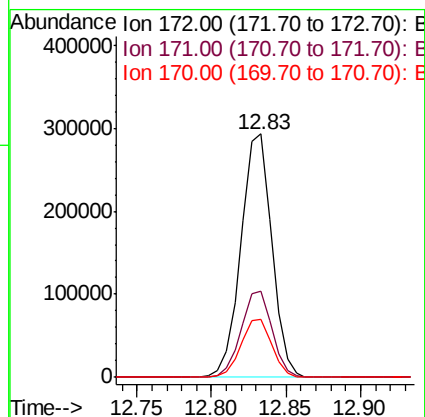
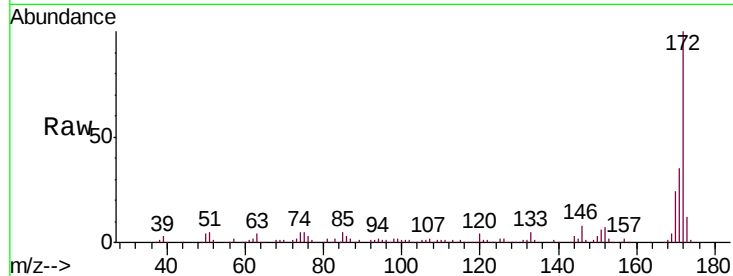
#45
2-Fluorobiphenyl
Concen: 62.587 ng
RT: 12.83 min Scan# 1674
Delta R.T. -0.01 min
Lab File: BM022229.D
Acq: 21 Aug 2019 15:07

Instrument :
BNA_M
ClientSampleId :
SP-1MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	24.0	18.7	28.1

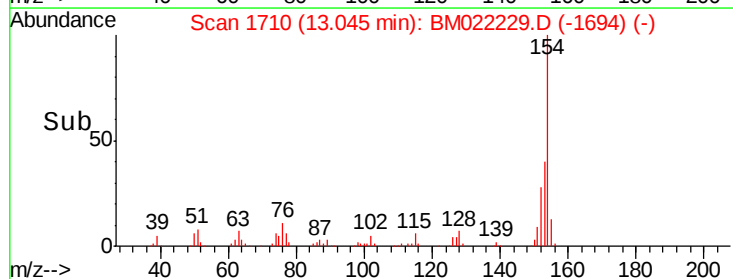
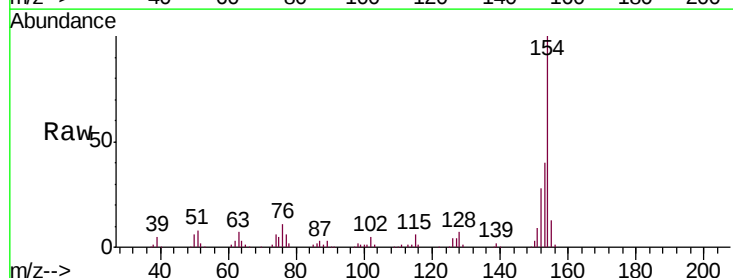
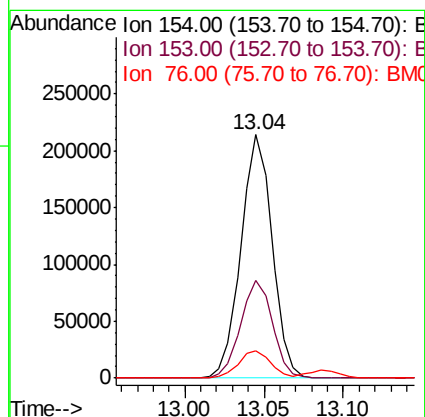
Manual Integrations
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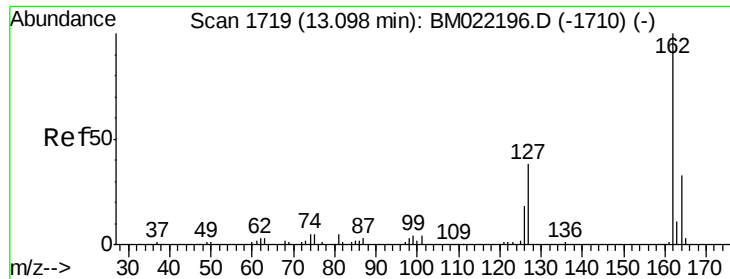
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#46
1,1'-Biphenyl
Concen: 44.294 ng
RT: 13.04 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BM022229.D
Acq: 21 Aug 2019 15:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	21.3	61.3
76	11.2	0.0	30.9





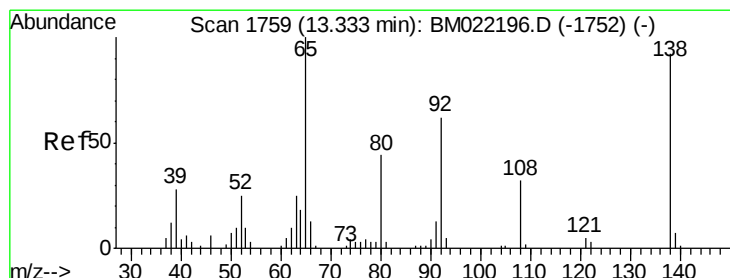
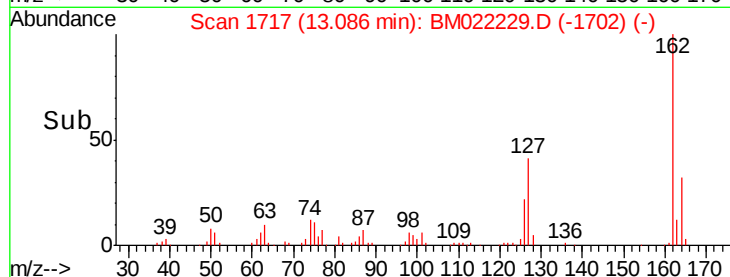
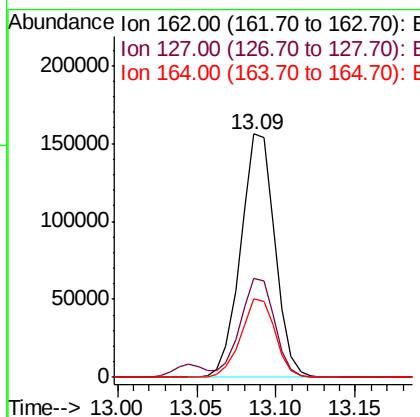
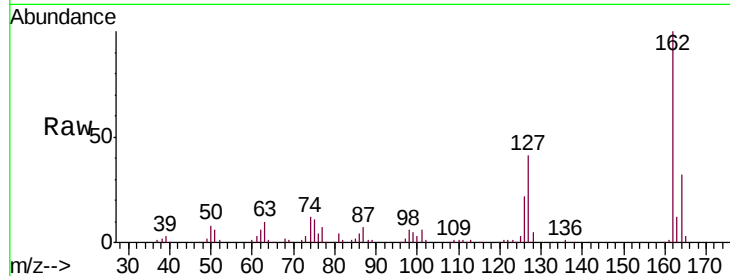
#47
 2-Chloronaphthalene
 Concen: 42.986 ng
 RT: 13.09 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BM022229.D
 Acq: 21 Aug 2019 15:07

Instrument :
 BNA_M
 ClientSampleId :
 SP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	233459		
127	40.7		29.4	44.2
164	32.1		26.5	39.7

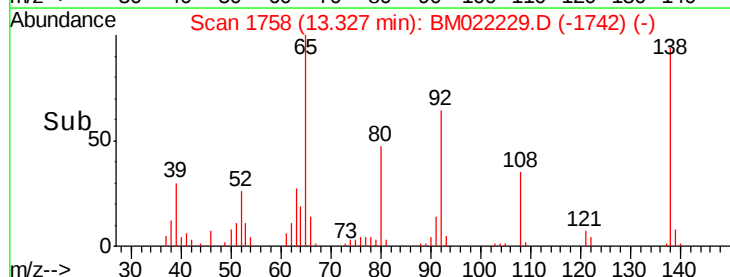
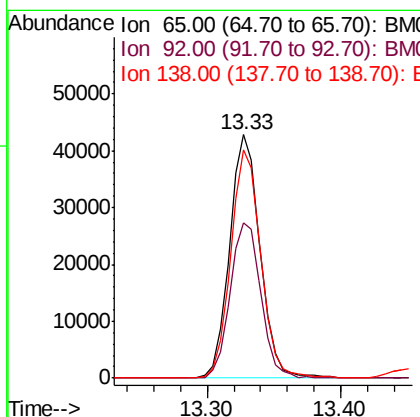
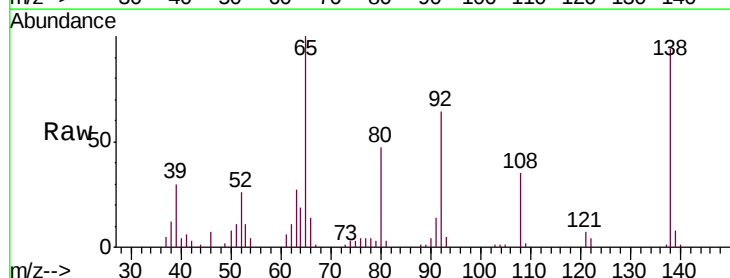
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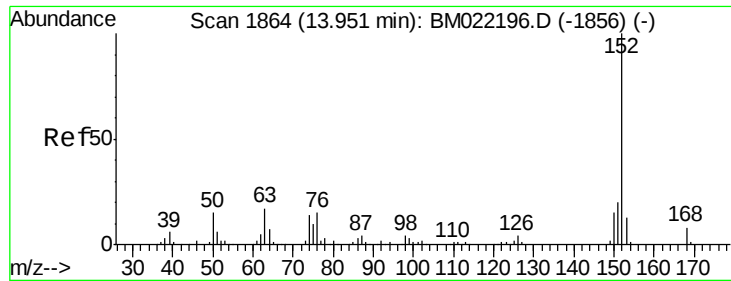
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#48
 2-Nitroaniline
 Concen: 39.657 ng
 RT: 13.33 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BM022229.D
 Acq: 21 Aug 2019 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	68078		
92	63.9		56.3	84.5
138	93.7		92.6	139.0





#49

Acenaphthylene

Concen: 43.337 ng

RT: 13.94 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

Instrument :

BNA_M

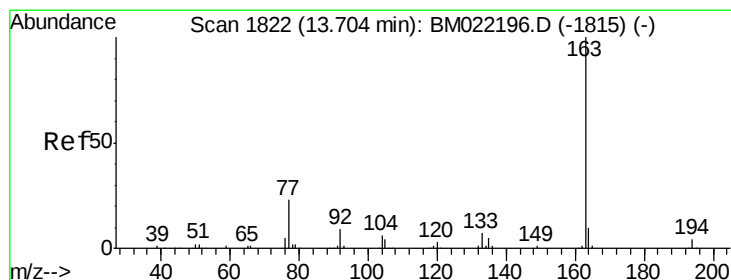
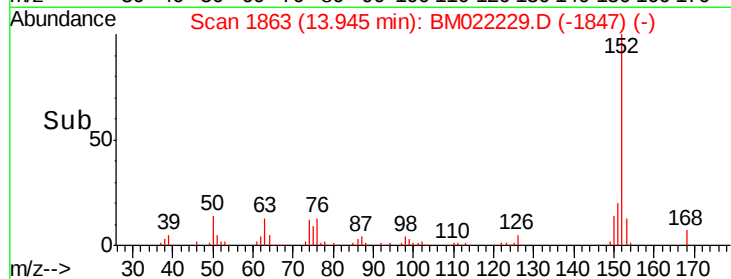
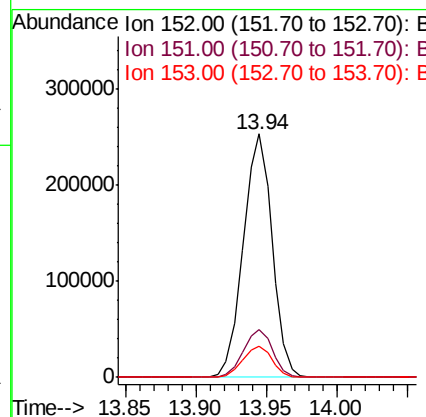
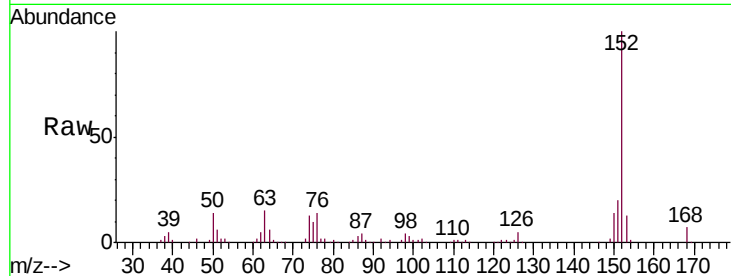
ClientSampleId :

SP-1MSD

Tot Ion:	152	Resp:	361015
Ion Ratio	Lower	Upper	
152	100		
151	19.7	16.1	24.1
153	12.9	10.6	16.0

Manual Integrations
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#50

Dimethylphthalate

Concen: 48.871 ng

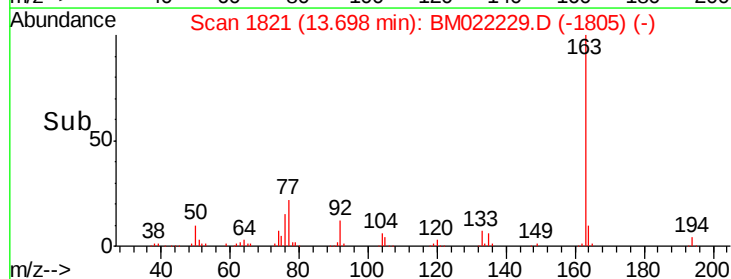
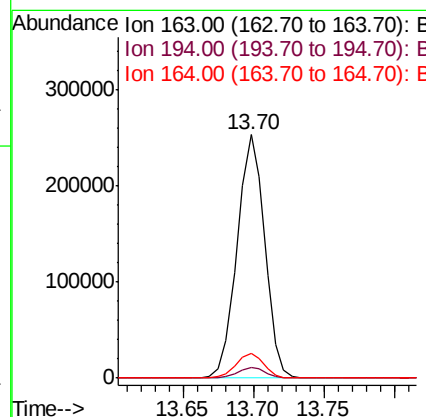
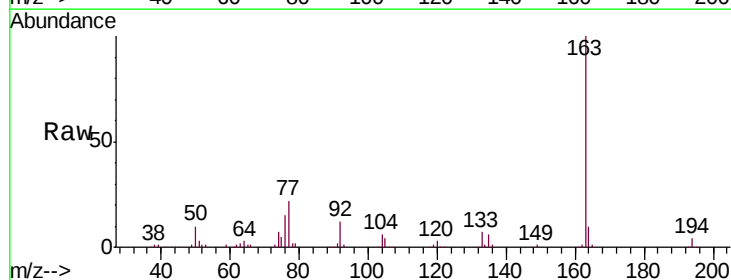
RT: 13.70 min Scan# 1821

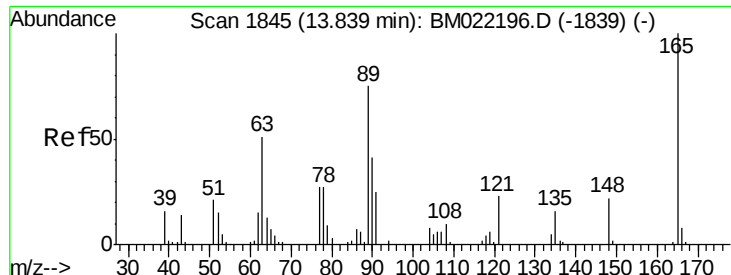
Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

Tgt Ion:	163	Resp:	344777
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.4	5.2
164	10.3	8.2	12.2





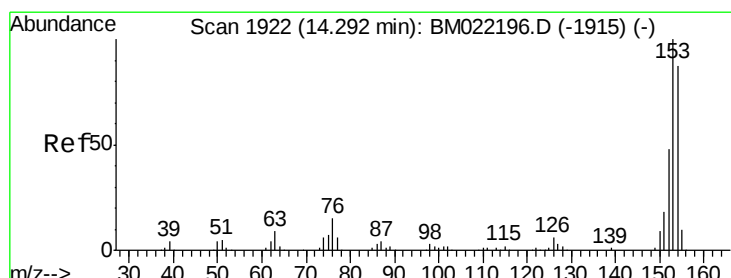
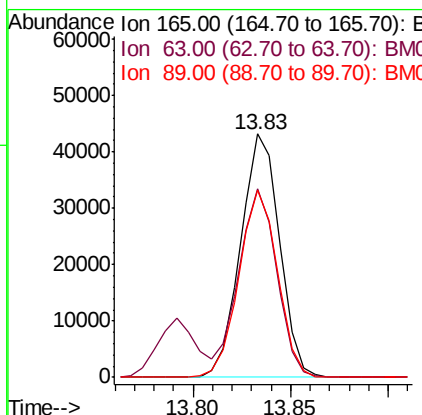
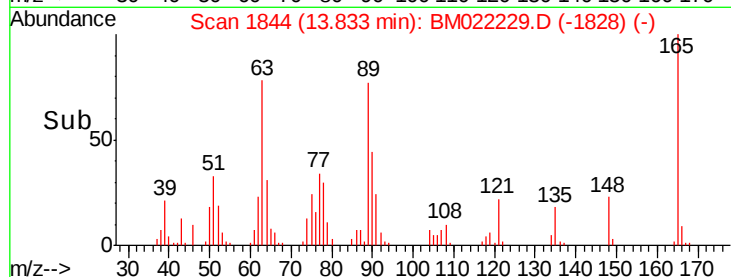
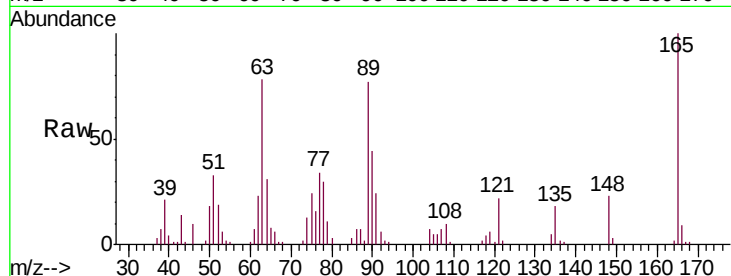
#51
2,6-Dinitrotoluene
Concen: 42.770 ng
RT: 13.83 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BM022229.D
Acq: 21 Aug 2019 15:07

Instrument :
BNA_M
ClientSampleId :
SP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	59588		
63	77.6	37.8	56.6#	
89	76.9	39.7	59.5#	

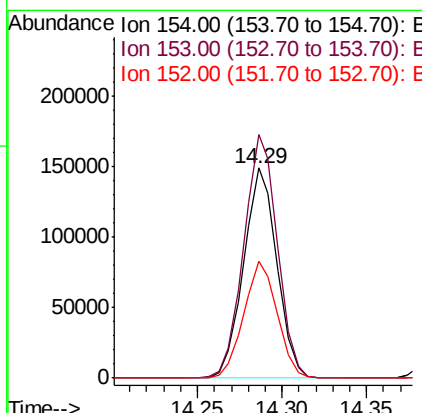
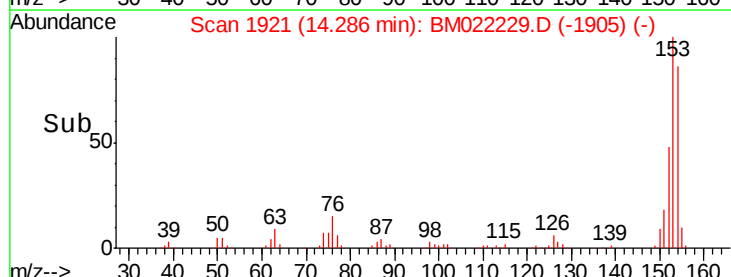
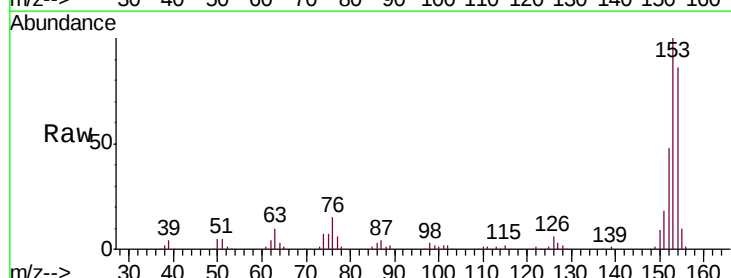
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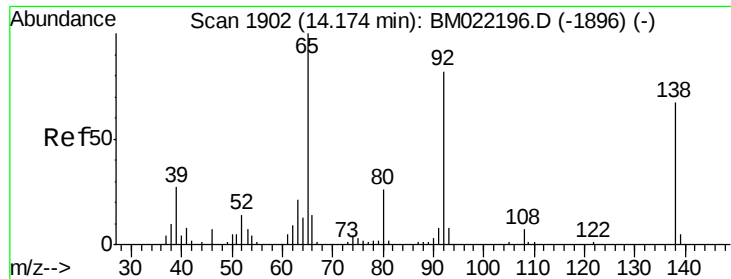
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#52
Acenaphthene
Concen: 42.097 ng
RT: 14.29 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BM022229.D
Acq: 21 Aug 2019 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	204508		
153	115.8	91.5	137.3	
152	55.4	42.3	63.5	





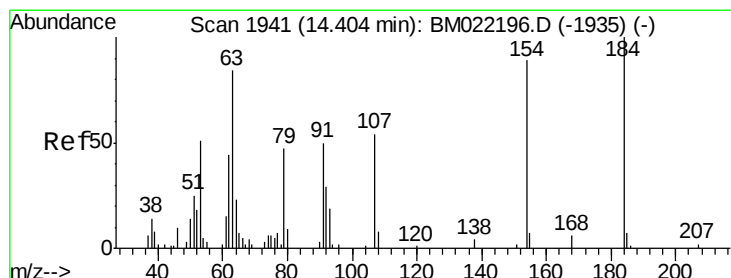
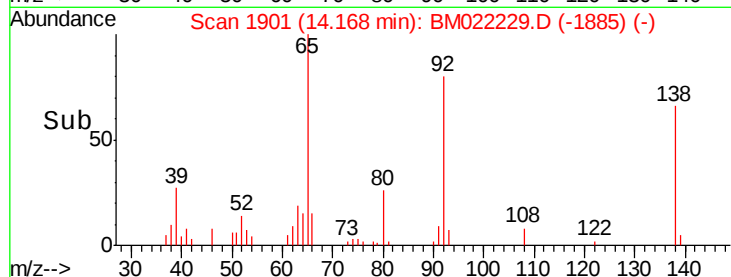
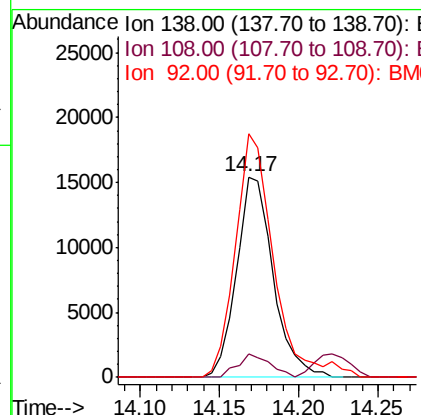
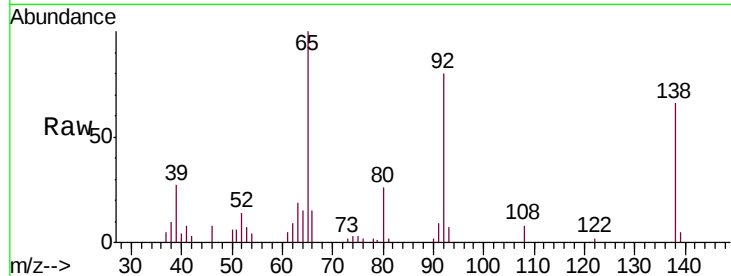
#53
3-Nitroaniline
Concen: 17.853 ng
RT: 14.17 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BM022229.D
Acq: 21 Aug 2019 15:07

Instrument :
BNA_M
ClientSampled :
SP-1MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.6	9.0	13.4
92	121.4	92.2	138.2

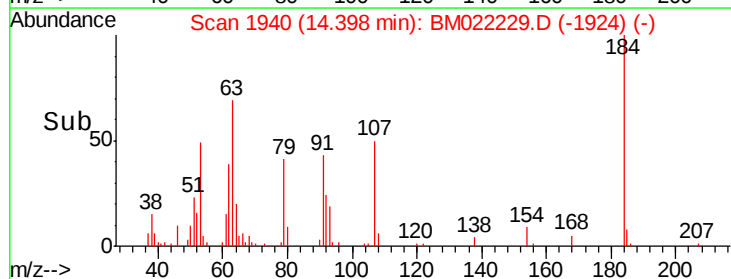
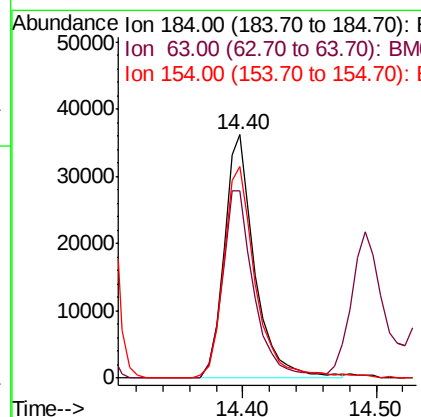
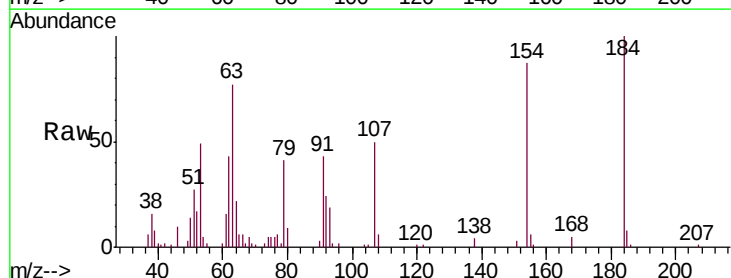
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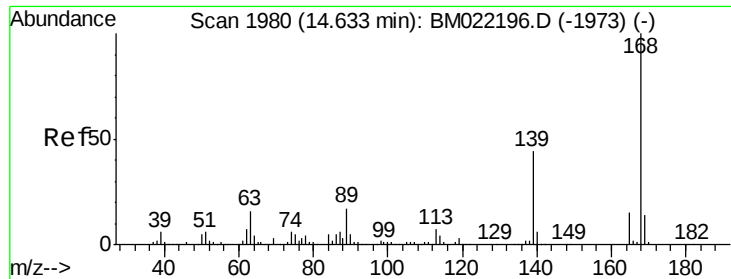
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#54
2,4-Dinitrophenol
Concen: 73.201 ng
RT: 14.40 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BM022229.D
Acq: 21 Aug 2019 15:07

Tgt Ion	Ratio	Lower	Upper
184	100		
63	77.0	45.5	68.3#
154	87.0	50.6	76.0#





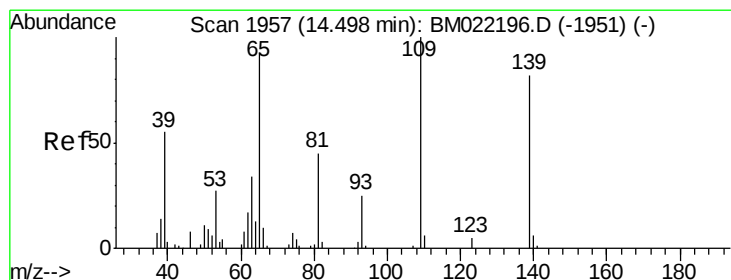
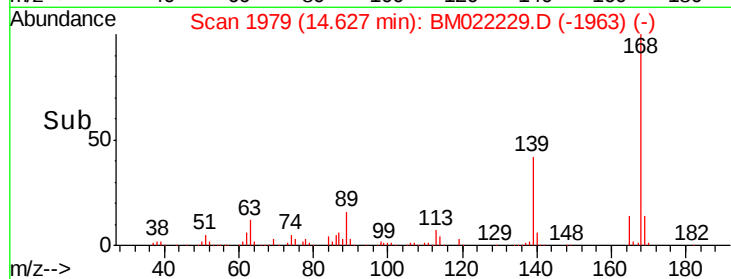
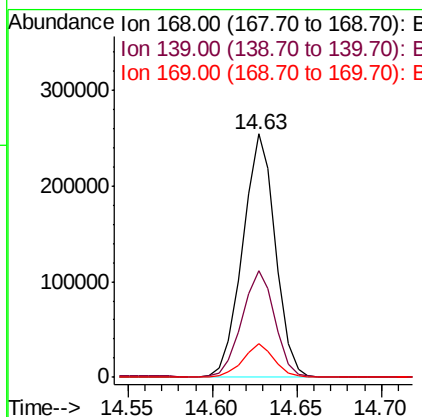
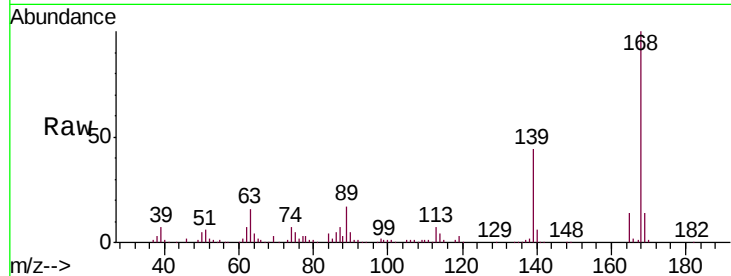
#55
Dibenzofuran
Concen: 42.365 ng
RT: 14.63 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BM022229.D
Acq: 21 Aug 2019 15:07

Instrument :
BNA_M
ClientSampled :
SP-1MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	44.0	28.4	42.6#
169	13.6	10.6	16.0

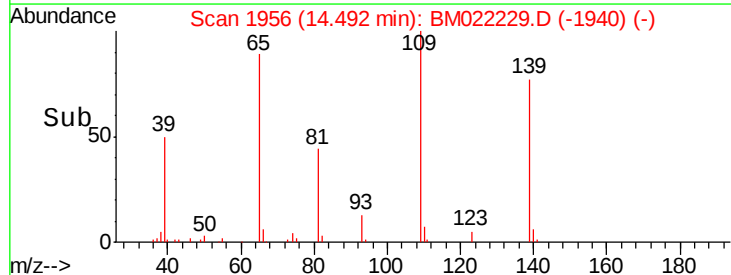
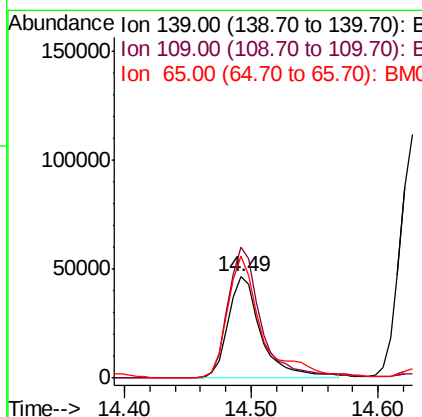
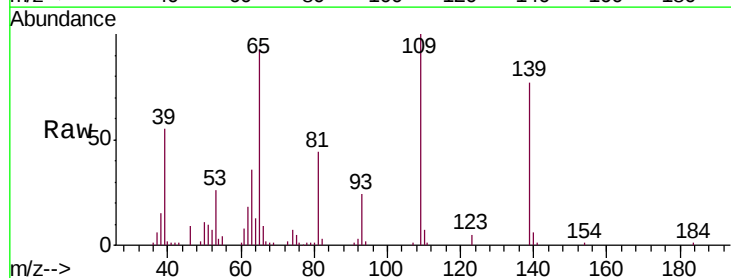
Manual Integrations
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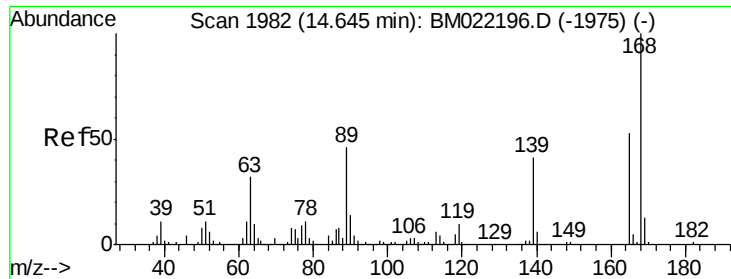
Jagrut
8/22/2019 2:00:13 PM



#56
4-Nitrophenol
Concen: 91.196 ng
RT: 14.49 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BM022229.D
Acq: 21 Aug 2019 15:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	129.7	53.3	93.3#
65	120.1	70.3	110.3#





#57

2,4-Dinitrotoluene

Concen: 40.472 ng

RT: 14.63 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

Instrument :

BNA_M

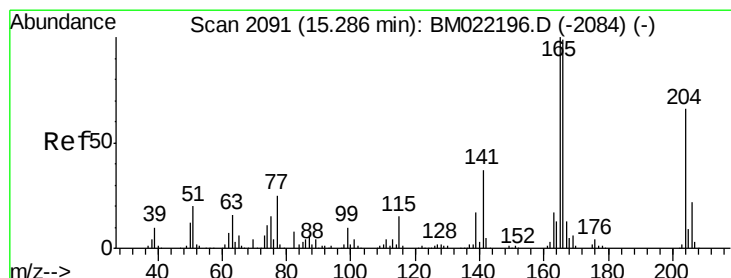
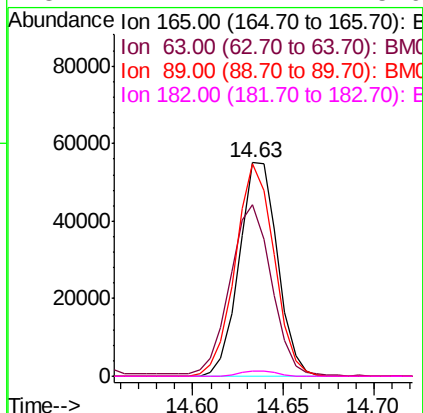
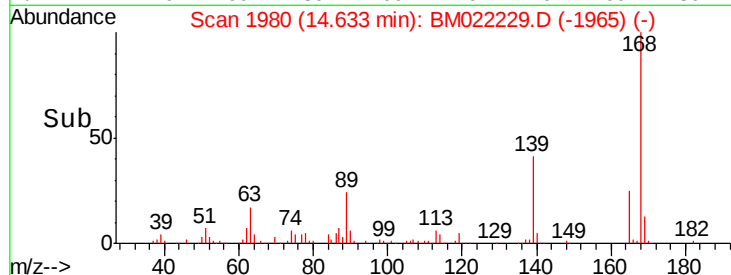
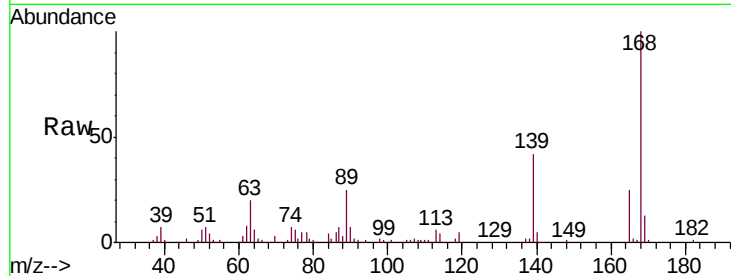
ClientSampleId :

SP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	80.2	29.6	44.4#	
89	99.4	49.5	74.3#	
182	2.4	2.4	3.6#	

Manual Integrations
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#58

Fluorene

Concen: 40.372 ng

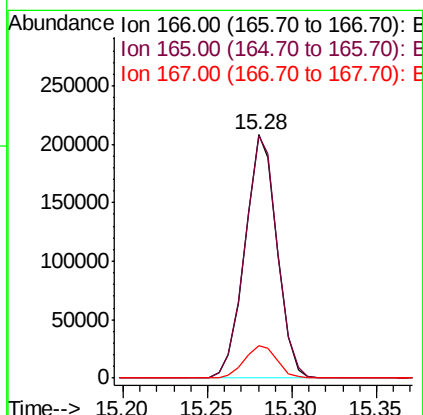
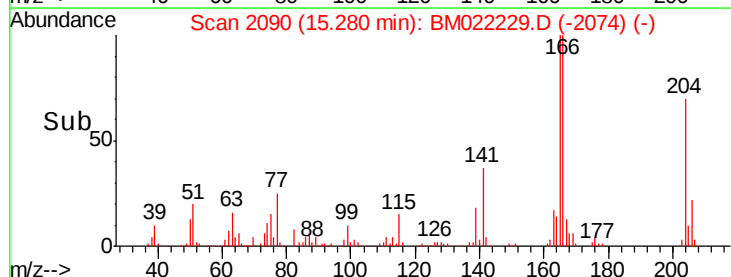
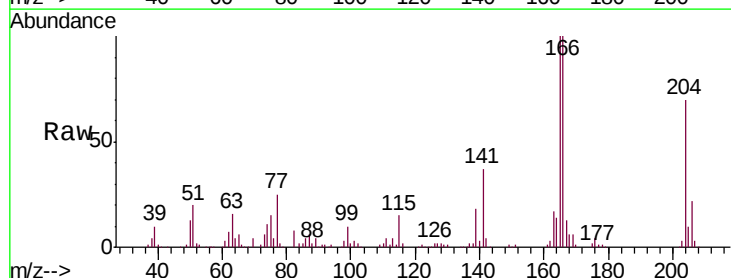
RT: 15.28 min Scan# 2090

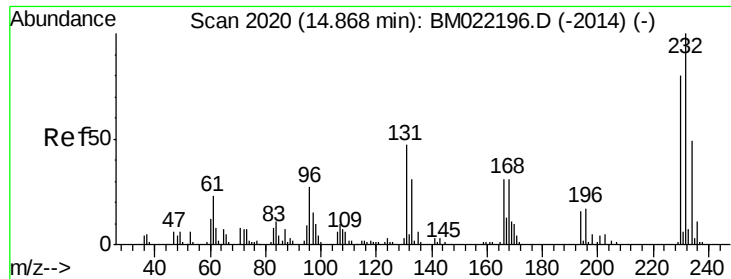
Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.5	78.6	117.8	
167	13.3	10.9	16.3	





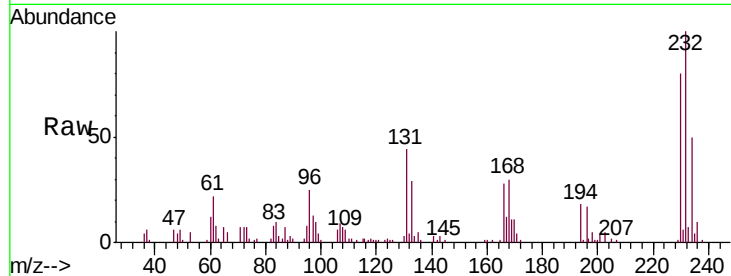
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.820 ng
 RT: 14.86 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BM022229.D
 Acq: 21 Aug 2019 15:07

Instrument :
 BNA_M
 ClientSampleId :
 SP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	85325		
131	44.6		30.6	46.0
130	2.6		1.7	2.5
166	28.0		23.4	35.0

Manual Integrations
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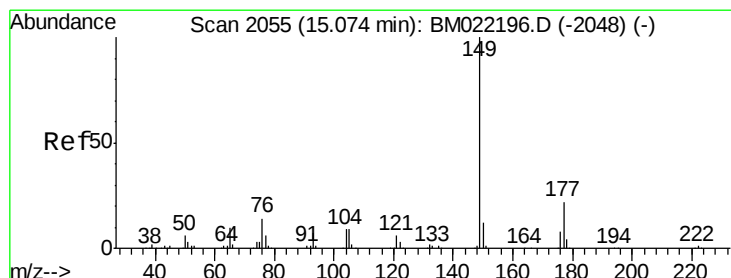
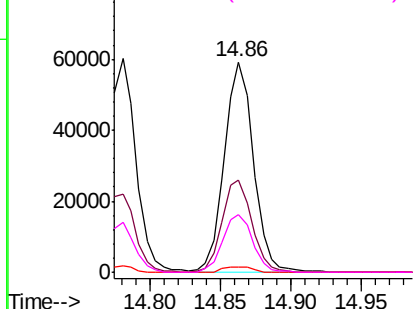
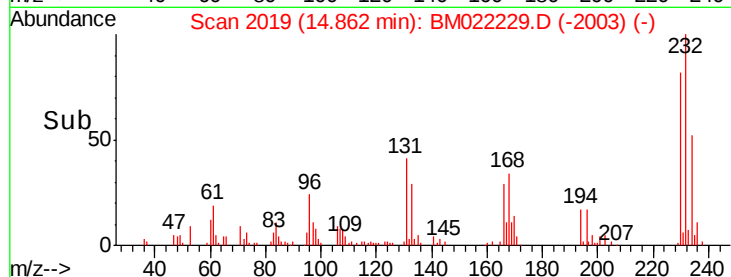
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

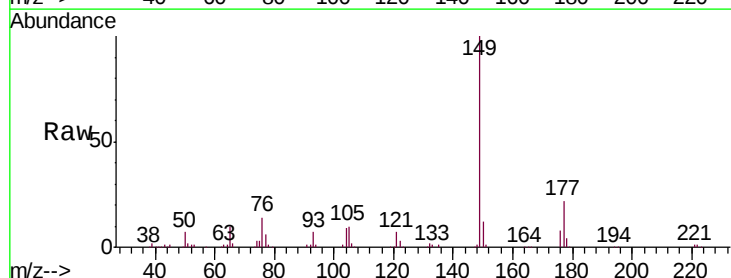
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 39.895 ng
 RT: 15.07 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BM022229.D
 Acq: 21 Aug 2019 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	296795		
177	21.8		19.1	28.7
150	12.4		10.1	15.1

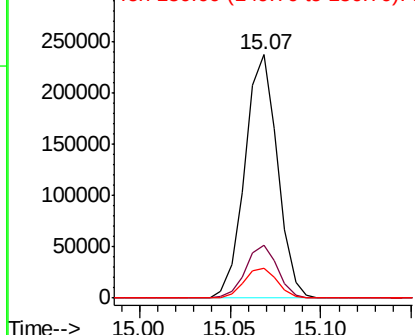
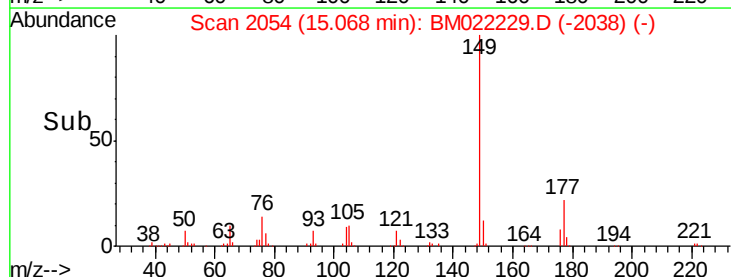


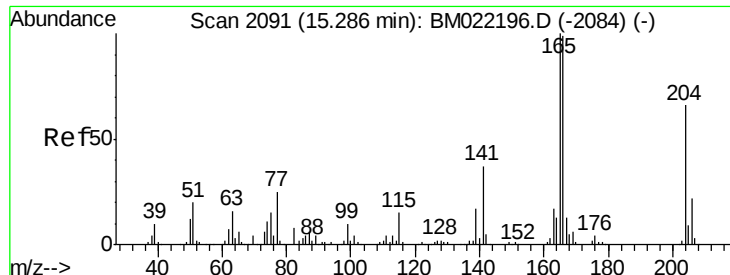
Abundance

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





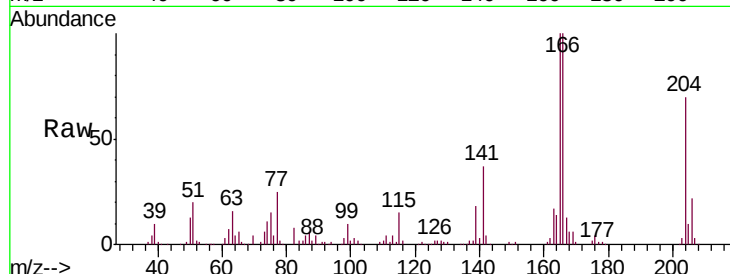
#61
 4-Chlorophenyl-phenylether
 Concen: 41.309 ng
 RT: 15.28 min Scan# 2090
 Delta R.T. -0.01 min
 Lab File: BM022229.D
 Acq: 21 Aug 2019 15:07

Instrument :
 BNA_M
 ClientSampled :
 SP-1MSD

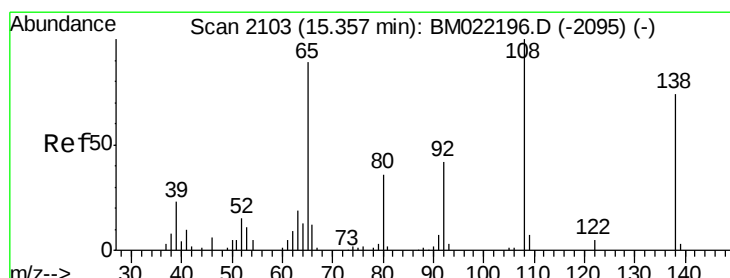
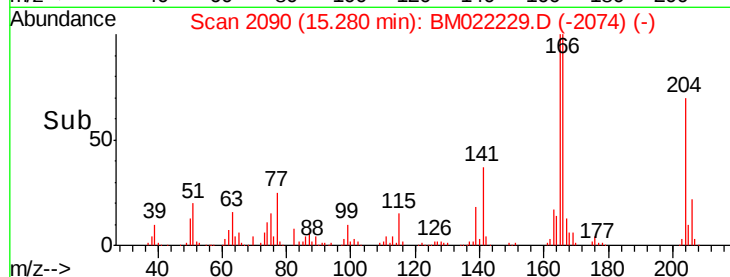
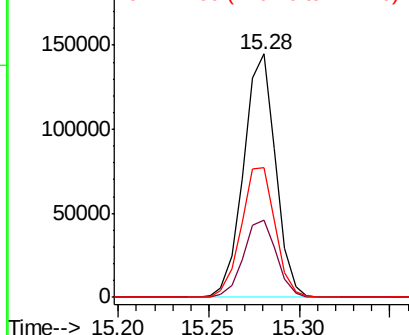
Tot Ion	Ratio	Resp	Lower	Upper
204	100	177173		
206	31.9	26.1	39.1	
141	53.4	40.7	61.1	

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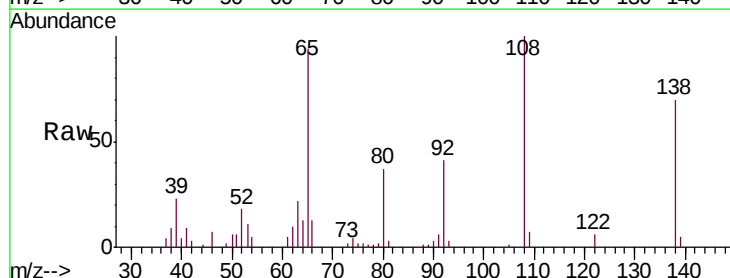


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

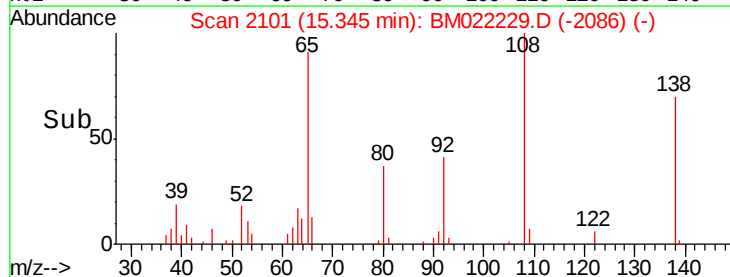
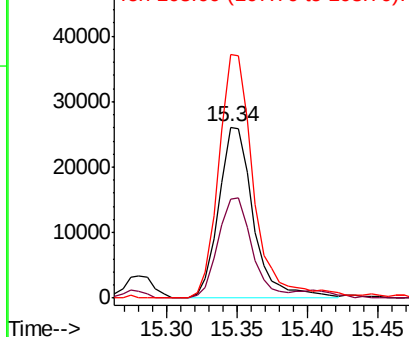


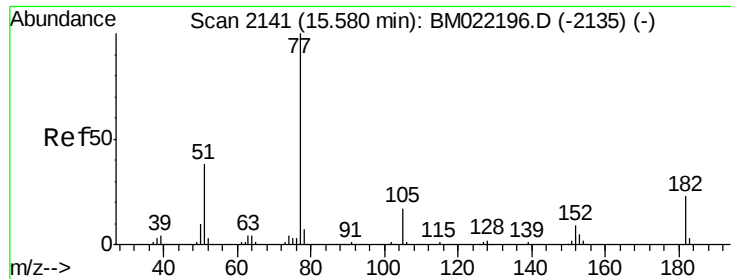
#62
 4-Nitroaniline
 Concen: 34.907 ng
 RT: 15.34 min Scan# 2101
 Delta R.T. -0.01 min
 Lab File: BM022229.D
 Acq: 21 Aug 2019 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	44826		
92	58.1	29.1	69.1	
108	142.4	59.2	99.2#	



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BM
 Ion 108.00 (107.70 to 108.70): E





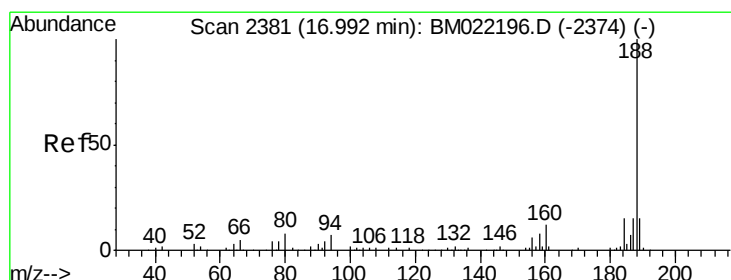
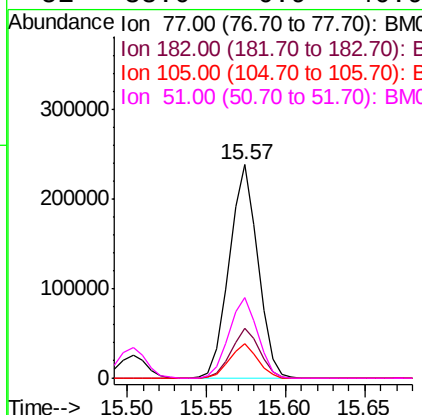
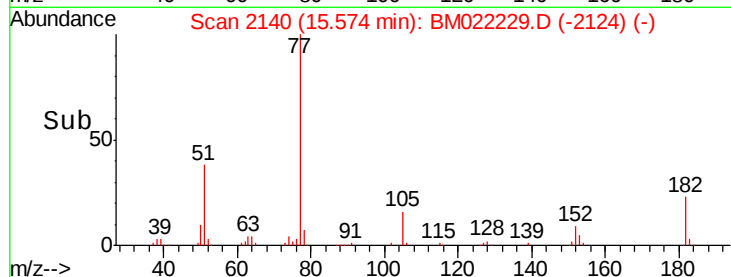
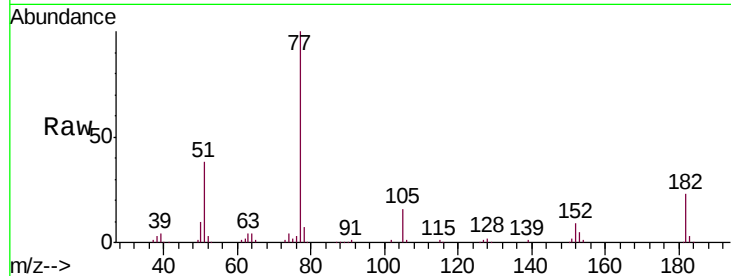
#63
Azobenzene
Concen: 41.618 ng
RT: 15.57 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BM022229.D
Acq: 21 Aug 2019 15:07

Instrument :
BNA_M
ClientSampleId :
SP-1MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.2	12.6	52.6
105	16.3	1.1	41.1
51	38.0	6.9	46.9

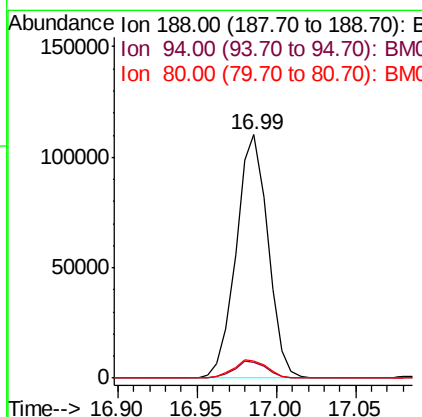
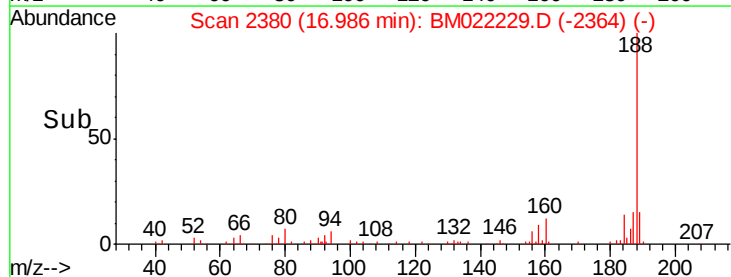
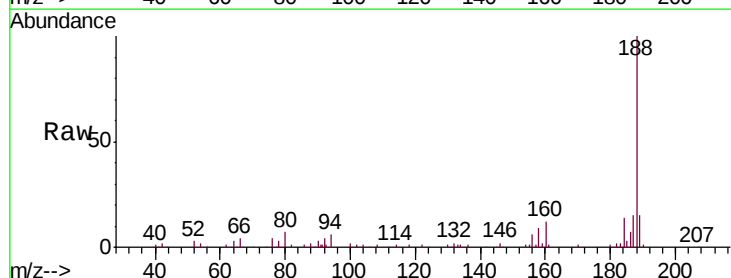
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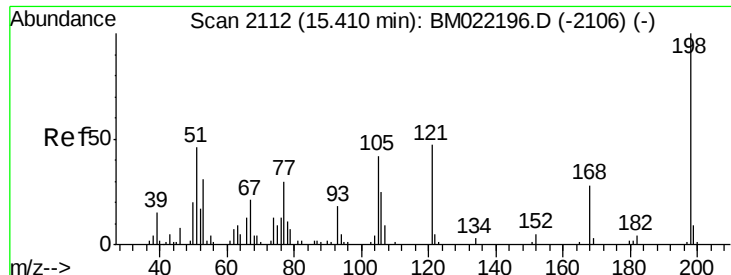
Jagrut
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.01 min
Lab File: BM022229.D
Acq: 21 Aug 2019 15:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.8	8.8
80	7.1	6.9	10.3





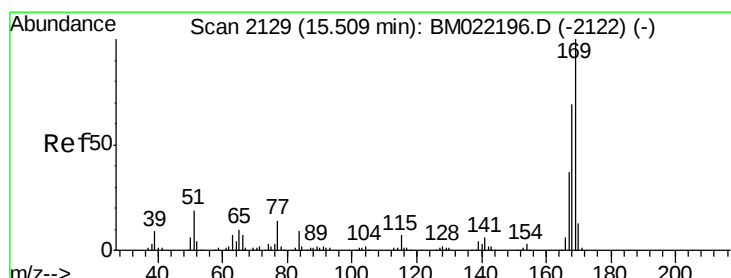
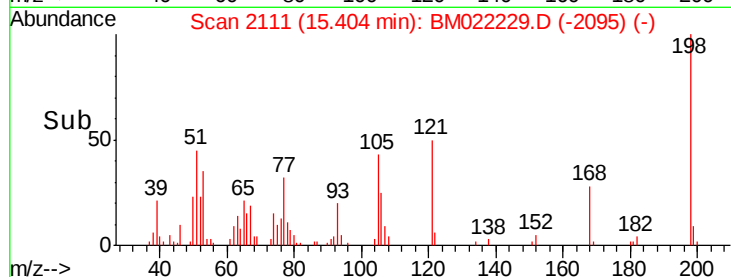
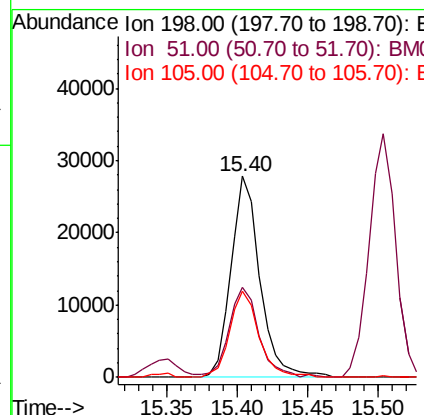
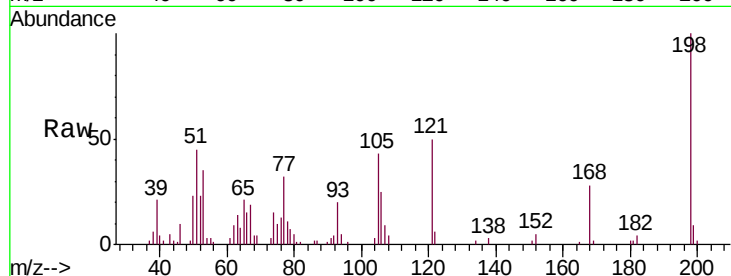
#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.342 ng
 RT: 15.40 min Scan# 2111
 Delta R.T. -0.01 min
 Lab File: BM022229.D
 Acq: 21 Aug 2019 15:07

Instrument :
 BNA_M
 ClientSampled :
 SP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	39822		
51	44.5	15.3	55.3	
105	42.8	16.8	56.8	

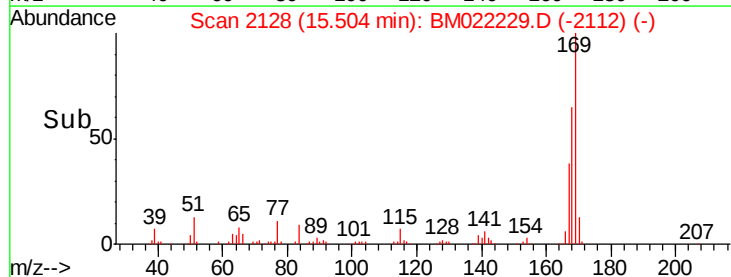
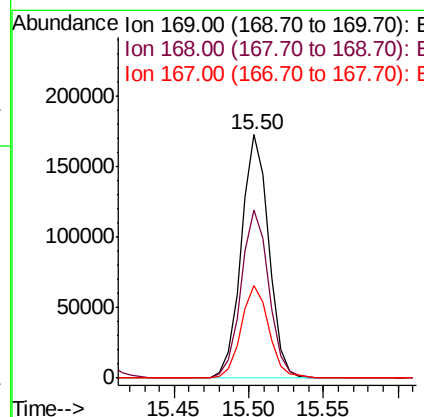
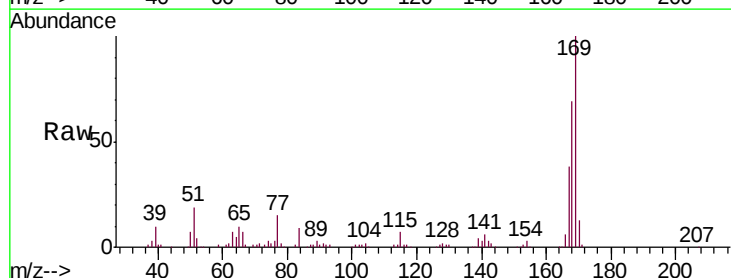
Manual Integrations
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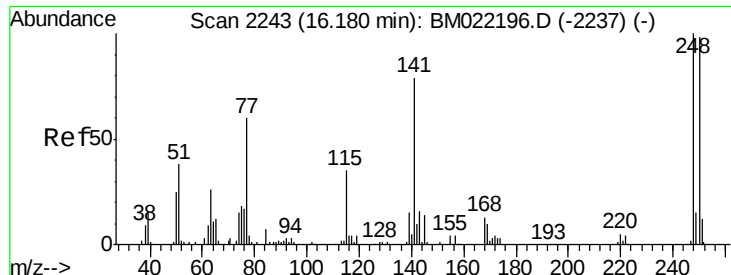
Jagrut
 8/22/2019 2:00:13 PM



#66
 n-Nitrosodiphenylamine
 Concen: 45.144 ng
 RT: 15.50 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BM022229.D
 Acq: 21 Aug 2019 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	221473		
168	69.0	54.5	81.7	
167	38.0	29.0	43.6	





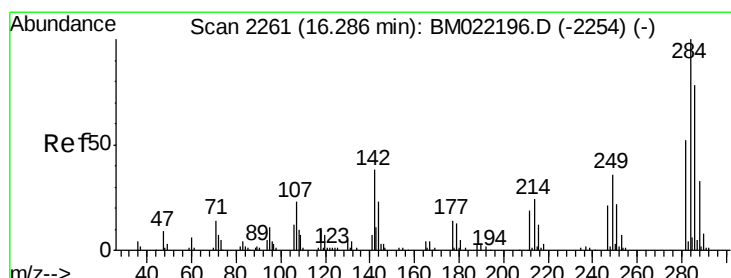
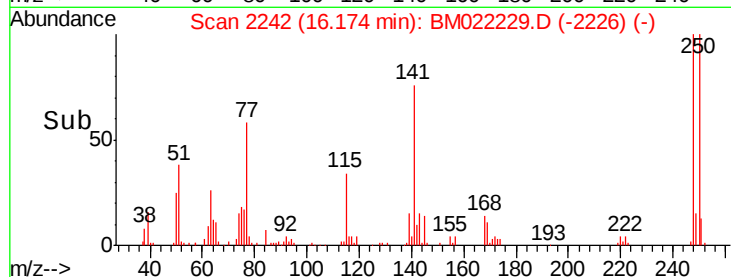
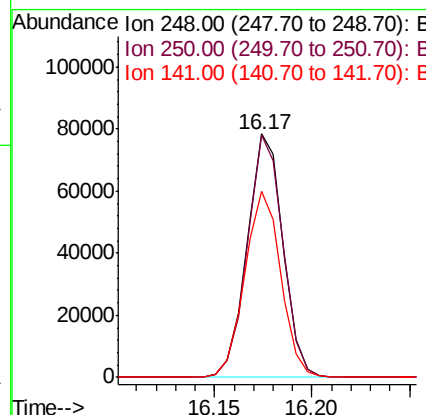
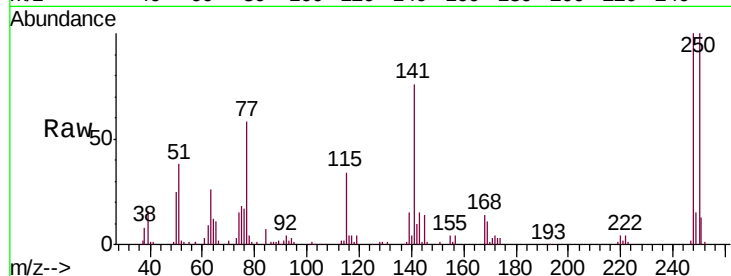
#67
 4-Bromophenyl-phenylether
 Concen: 43.866 ng
 RT: 16.17 min Scan# 2242
 Delta R.T. -0.01 min
 Lab File: BM022229.D
 Acq: 21 Aug 2019 15:07

Instrument :
 BNA_M
 ClientSampled :
 SP-1MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.6	77.5	116.3
141	76.2	47.8	71.6

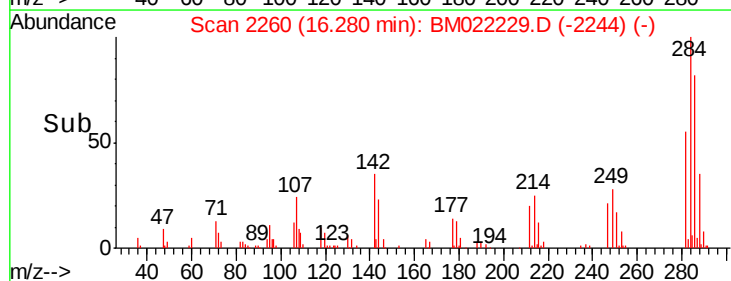
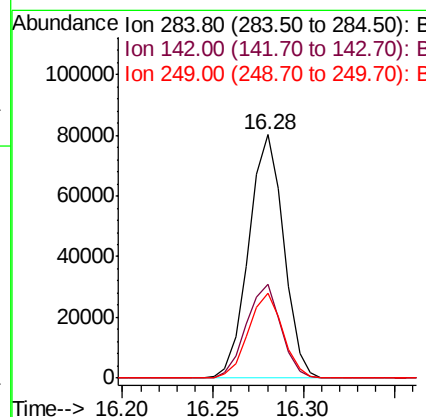
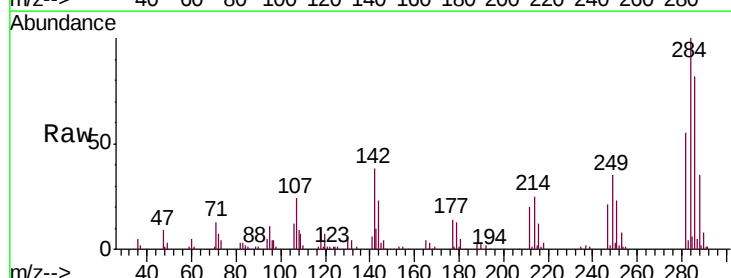
Manual Integrations
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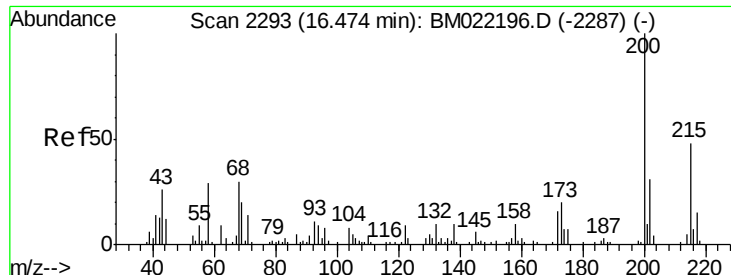
Jagrut
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#68
 Hexachlorobenzene
 Concen: 41.801 ng
 RT: 16.28 min Scan# 2260
 Delta R.T. -0.01 min
 Lab File: BM022229.D
 Acq: 21 Aug 2019 15:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.3	21.2	31.8
249	35.0	23.4	35.0





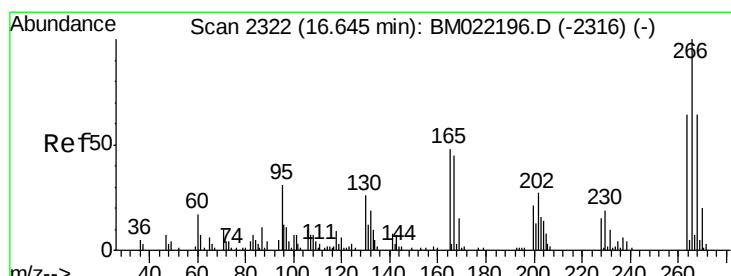
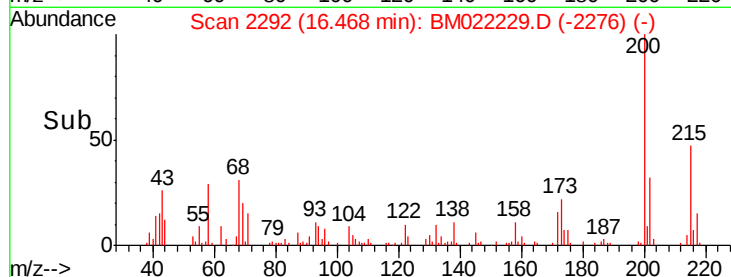
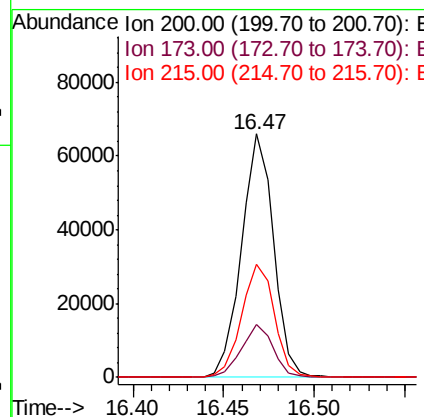
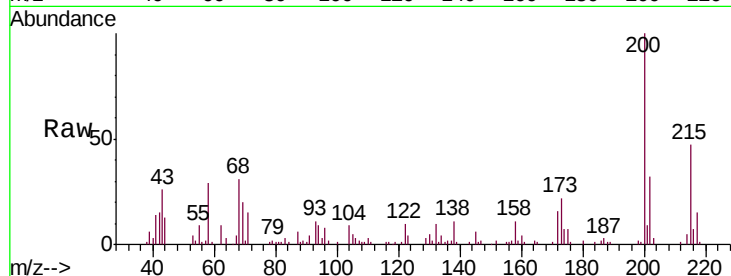
#69
 Atrazine
 Concen: 49.956 ng
 RT: 16.47 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BM022229.D
 Acq: 21 Aug 2019 15:07

Instrument :
 BNA_M
 ClientSampled :
 SP-1MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	22.0	4.3	44.3
215	46.5	28.2	68.2

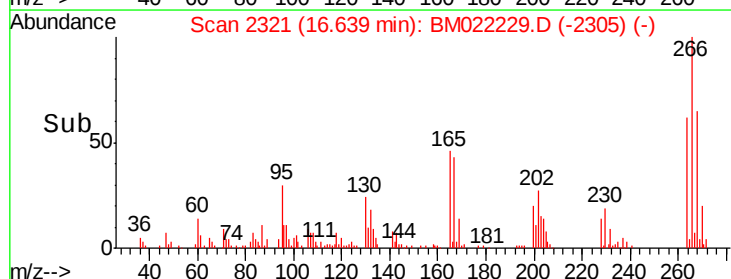
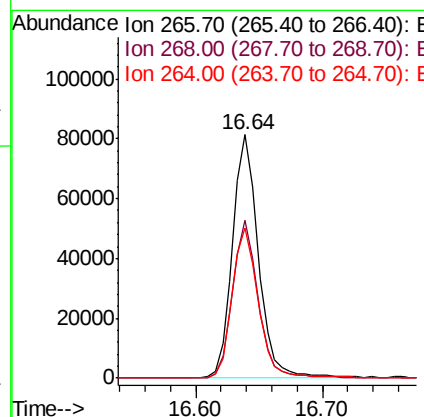
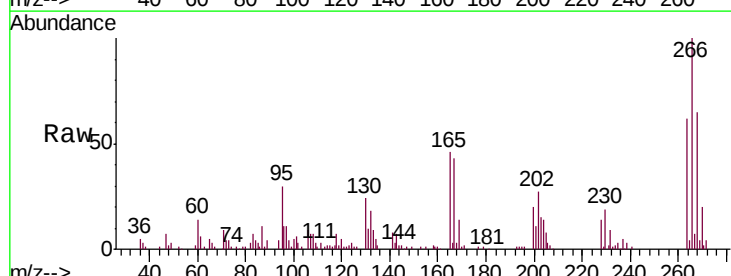
Manual Integrations
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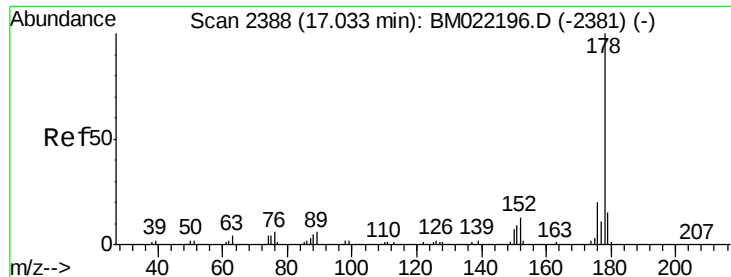
Jagrut
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#70
 Pentachlorophenol
 Concen: 91.625 ng
 RT: 16.64 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BM022229.D
 Acq: 21 Aug 2019 15:07

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.6	51.0	76.4
264	61.8	49.9	74.9





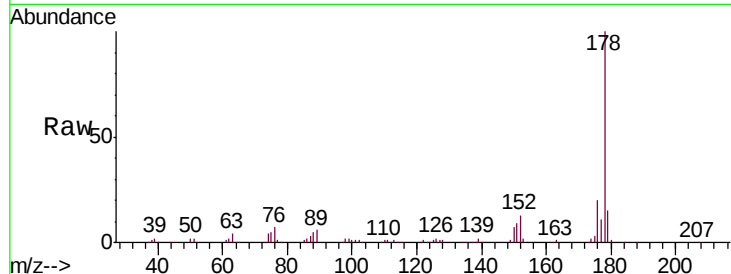
#71
Phenanthrene
Concen: 41.841 ng
RT: 17.03 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM022229.D
Acq: 21 Aug 2019 15:07

Instrument :
BNA_M
ClientSampleId :
SP-1MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.2	22.8
179	15.4	12.2	18.4

Manual Integrations
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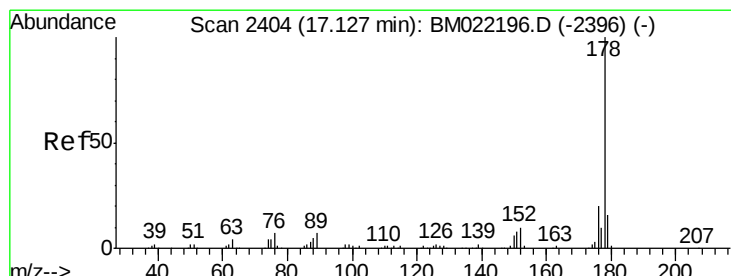
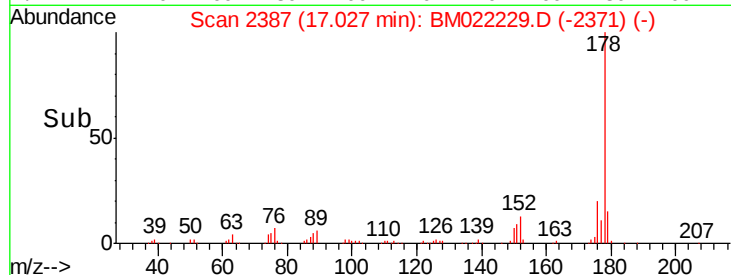
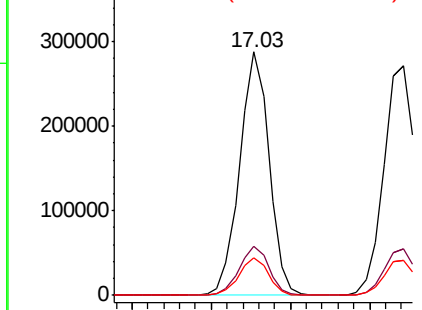


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 43.021 ng
RT: 17.12 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BM022229.D
Acq: 21 Aug 2019 15:07

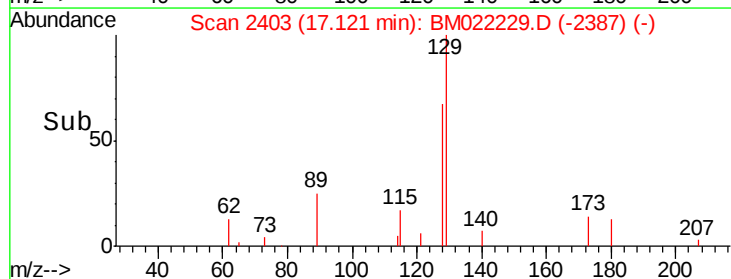
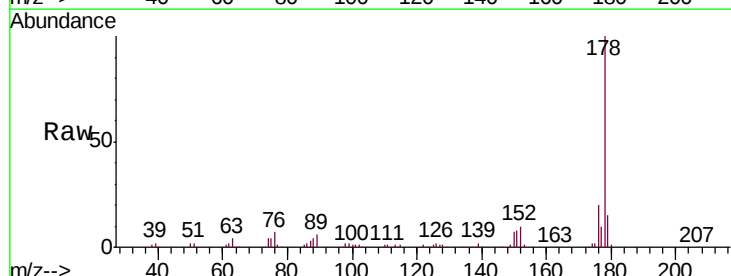
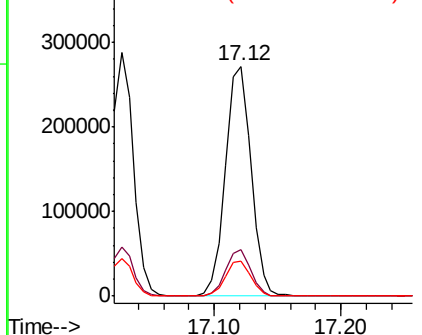
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	14.7	22.1
179	15.5	12.2	18.2

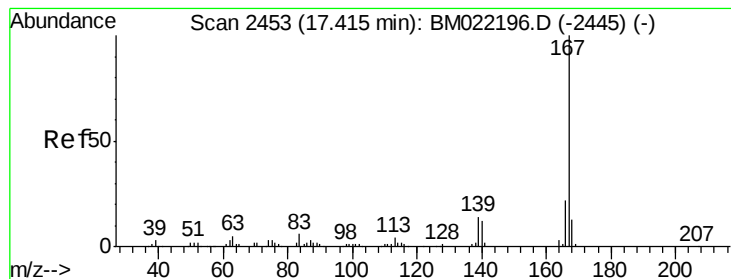
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 40.559 ng

RT: 17.40 min Scan# 2451

Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

Instrument :

BNA_M

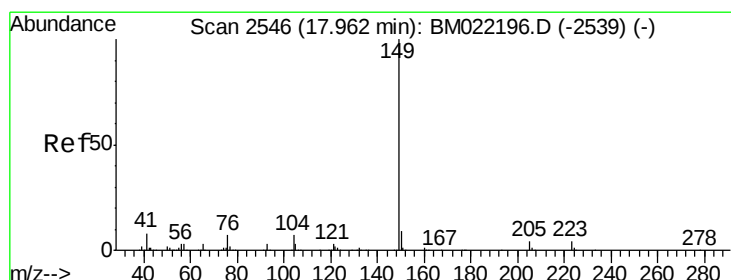
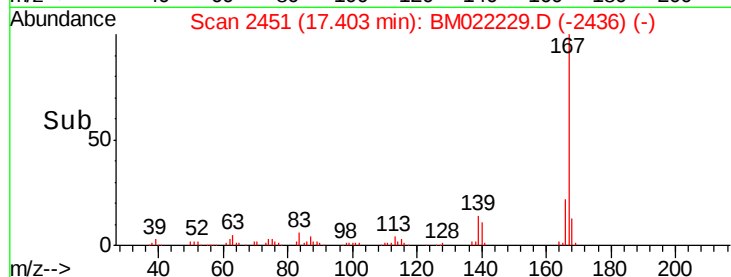
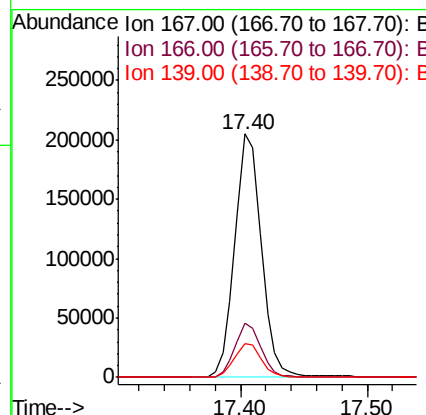
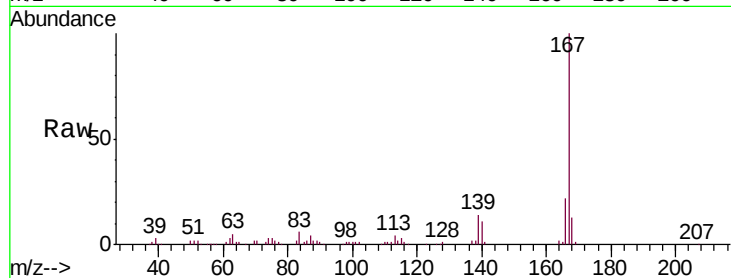
ClientSampled :

SP-1MSD

Tot Ion:	167	Resp:	298088
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.4	26.2
139	14.0	9.7	14.5

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 40.005 ng

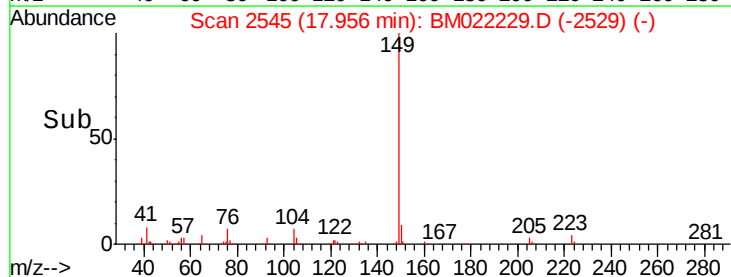
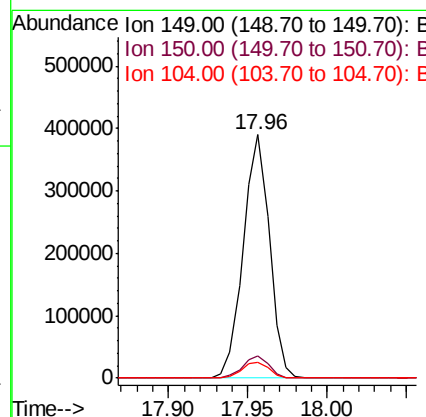
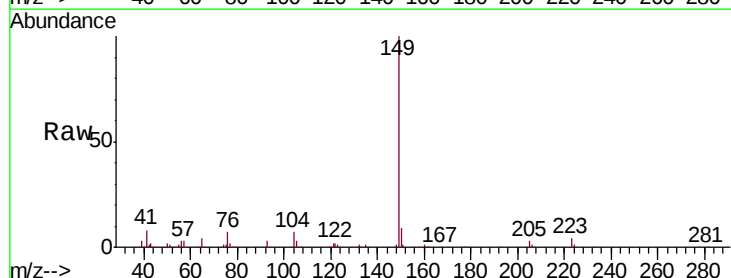
RT: 17.96 min Scan# 2545

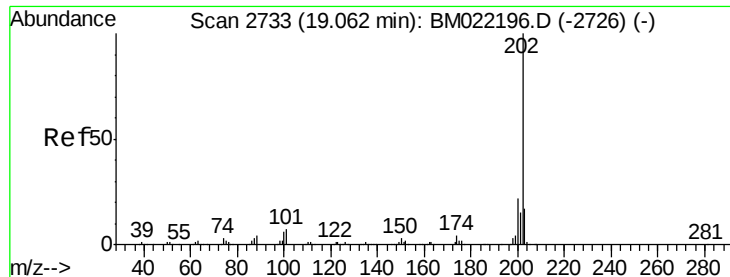
Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

Tgt Ion:	149	Resp:	446096
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.4	11.0
104	6.7	3.8	5.8#





#75

Fluoranthene

Concen: 38.733 ng

RT: 19.06 min Scan# 2732

Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

Instrument :

BNA_M

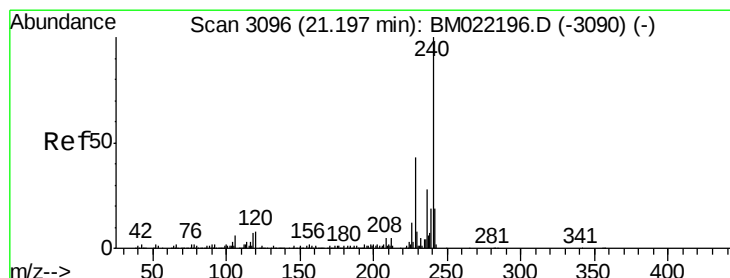
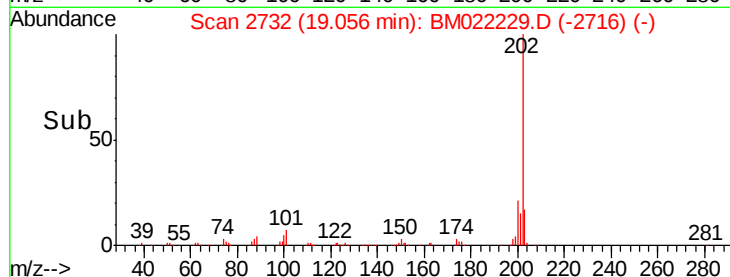
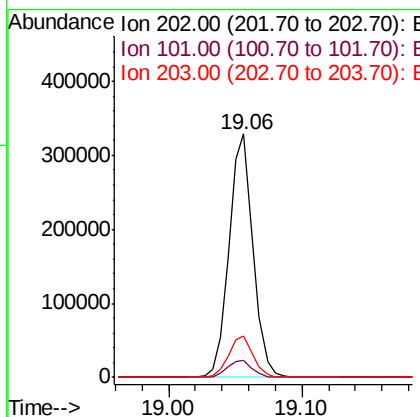
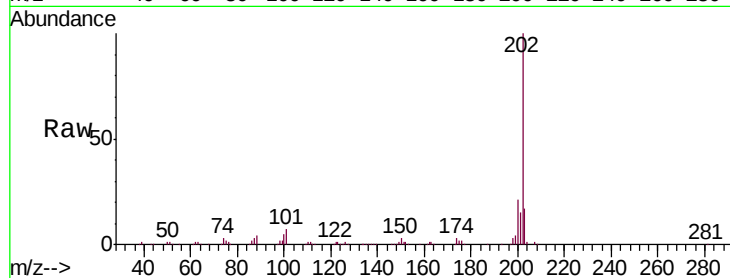
ClientSampleId :

SP-1MSD

Tot Ion:	202	Resp:	414436
Ion Ratio	Lower	Upper	
202	100		
101	6.8	0.0	28.2
203	16.8	0.0	37.6

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

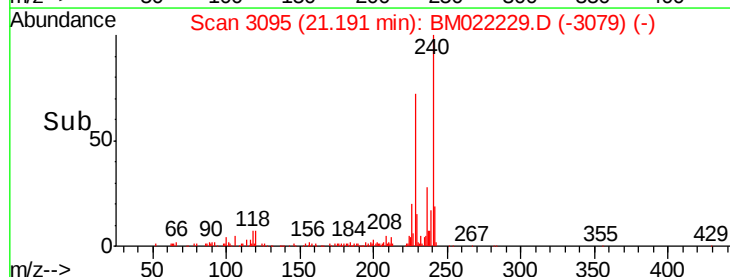
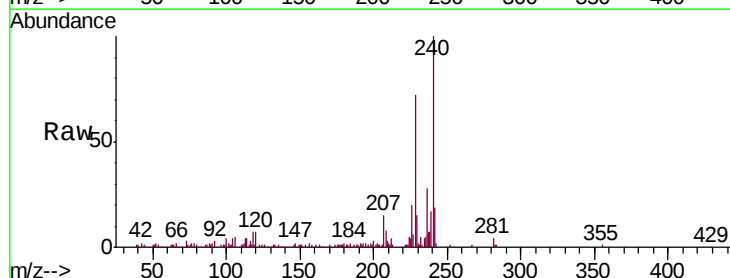
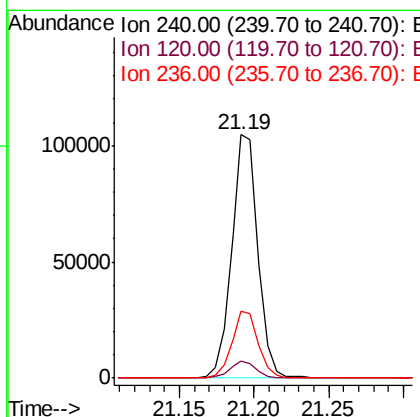
RT: 21.19 min Scan# 3095

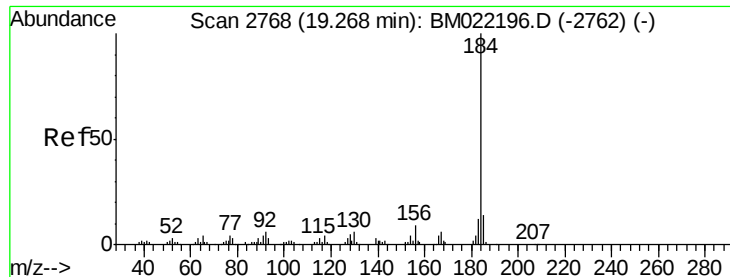
Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

Tgt Ion:	240	Resp:	128405
Ion Ratio	Lower	Upper	
240	100		
120	6.9	6.9	10.3
236	27.5	20.4	30.6





#77

Benzidine

Concen: 59.650 ng

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

Instrument :

BNA_M

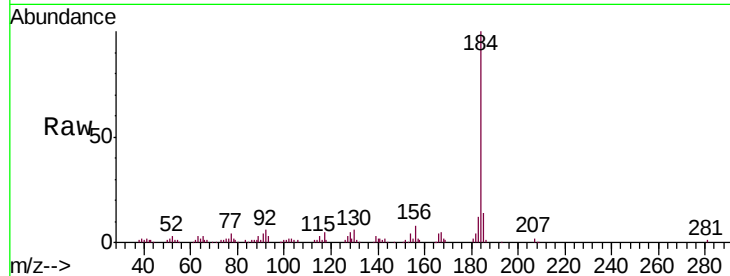
ClientSampleId :

SP-1MSD

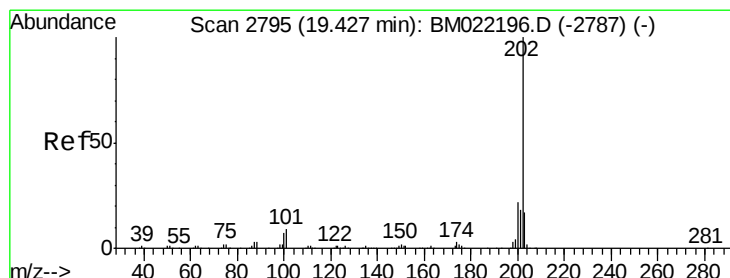
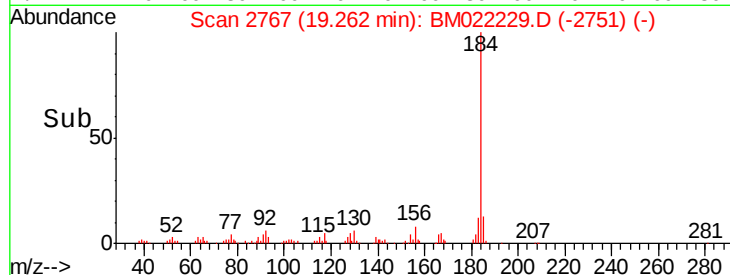
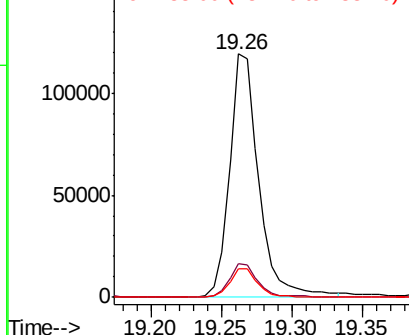
Tot Ion:	184	Resp:	171795
Ion Ratio	Lower	Upper	
184	100		
185	13.9	11.4	17.2
183	11.7	9.6	14.4

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



#78

Pyrene

Concen: 45.731 ng

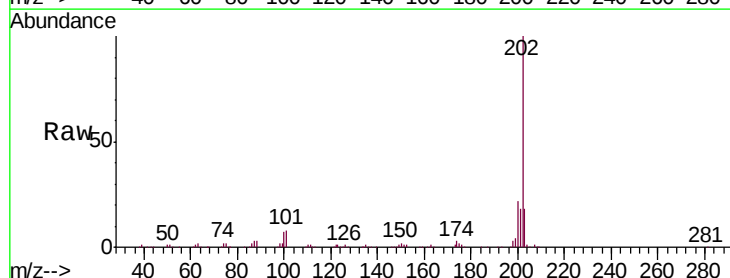
RT: 19.42 min Scan# 2794

Delta R.T. -0.01 min

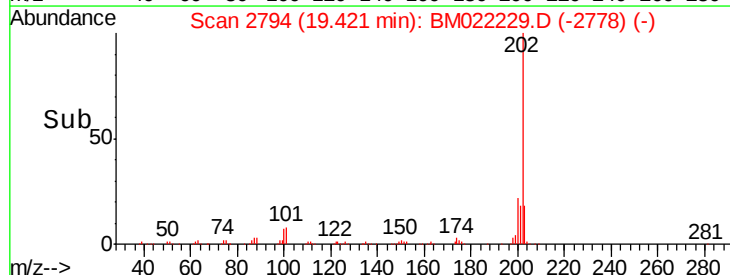
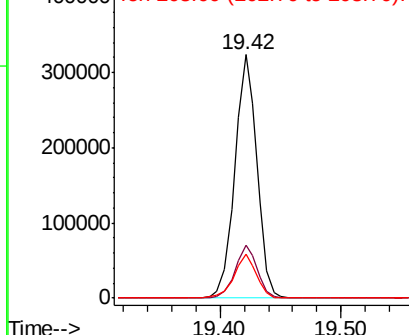
Lab File: BM022229.D

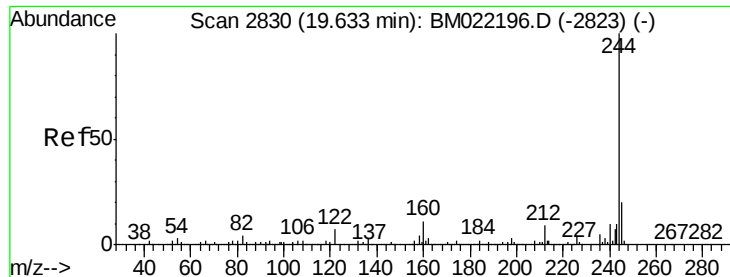
Acq: 21 Aug 2019 15:07

Tgt Ion:	202	Resp:	413322
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.0	25.4
203	18.0	14.0	21.0



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





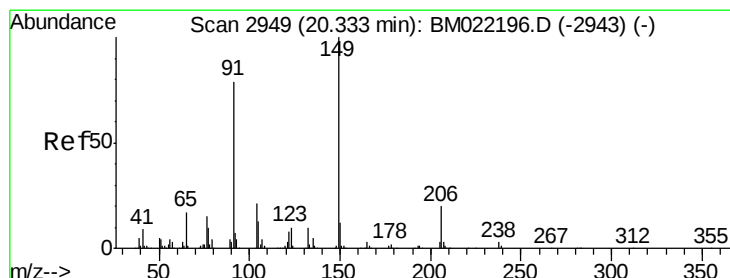
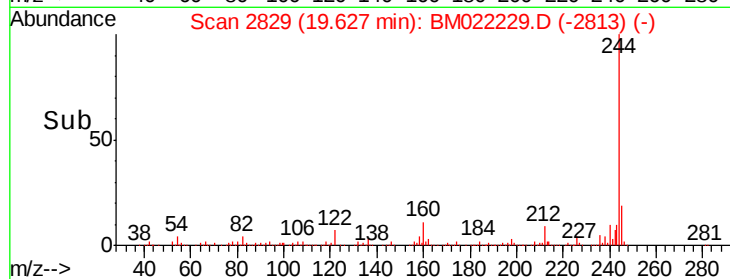
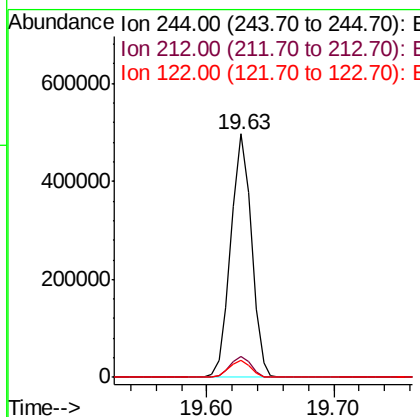
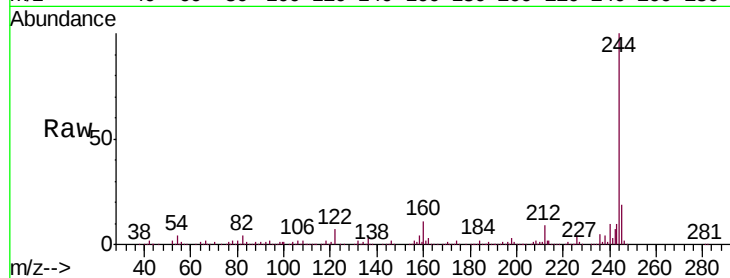
#79
 Terphenyl-d14
 Concen: 63.541 ng
 RT: 19.63 min Scan# 2829
 Delta R.T. -0.01 min
 Lab File: BM022229.D
 Acq: 21 Aug 2019 15:07

Instrument :
 BNA_M
 ClientSampleId :
 SP-1MSD

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	8.7	5.3	7.9#
122	6.9	6.6	9.8

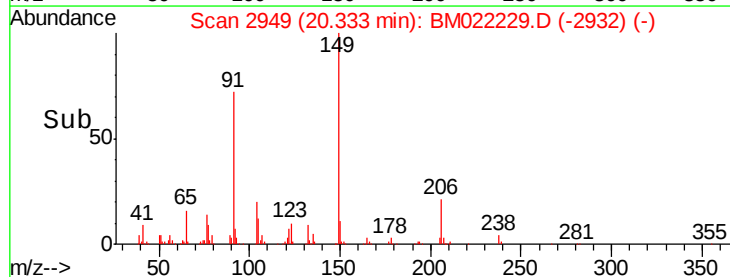
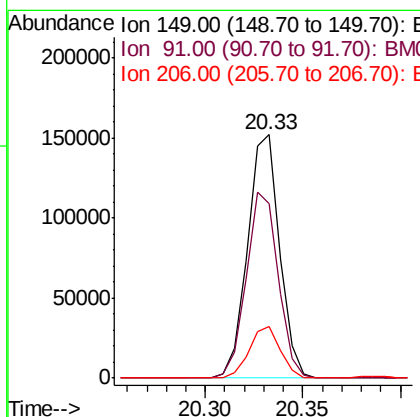
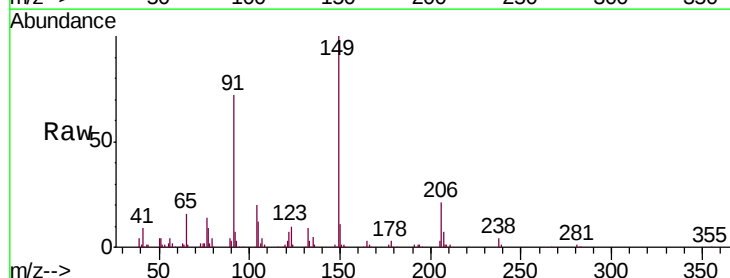
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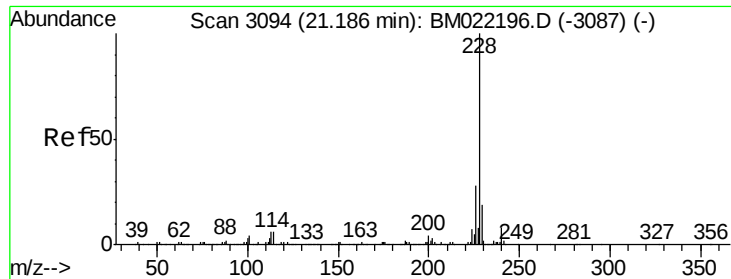
Jagrut
 8/22/2019 2:00:13 PM



#80
 Butylbenzylphthalate
 Concen: 42.701 ng
 RT: 20.33 min Scan# 2949
 Delta R.T. -0.00 min
 Lab File: BM022229.D
 Acq: 21 Aug 2019 15:07

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	71.8	50.9	76.3
206	21.4	19.7	29.5





#81

Benzo(a)anthracene

Concen: 41.828 ng

RT: 21.18 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

Instrument :

BNA_M

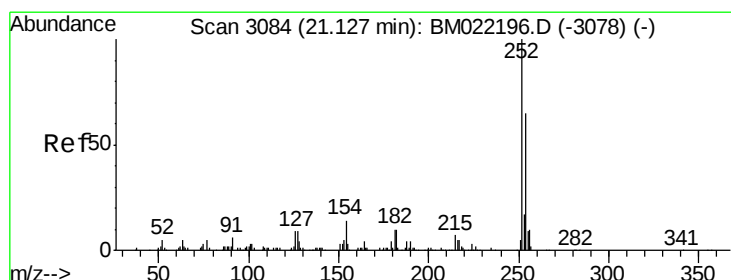
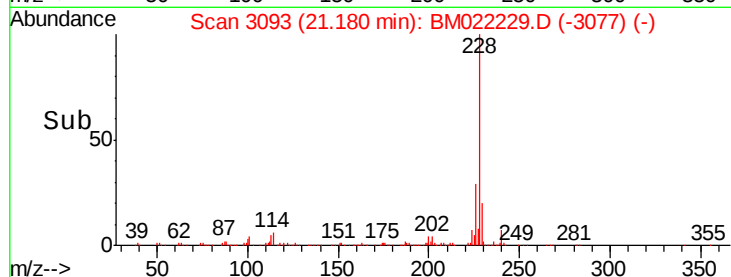
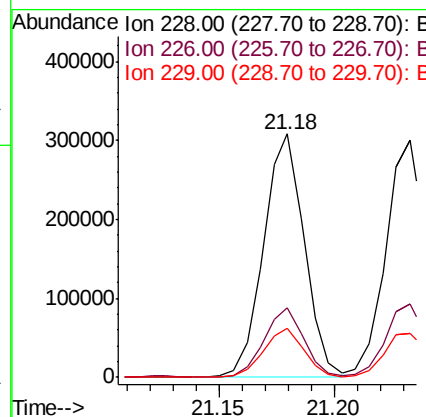
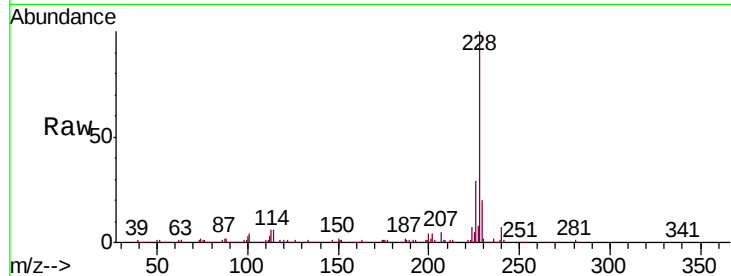
ClientSampleId :

SP-1MSD

Tot Ion:	228	Resp:	377712
Ion Ratio	Lower	Upper	
228	100		
226	28.7	21.6	32.4
229	20.1	15.5	23.3

Manual Integrations
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8/22/2019 2:00:13 PM



#82

3,3'-Dichlorobenzidine

Concen: 29.069 ng

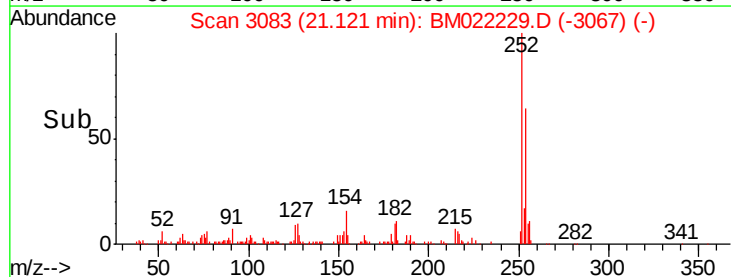
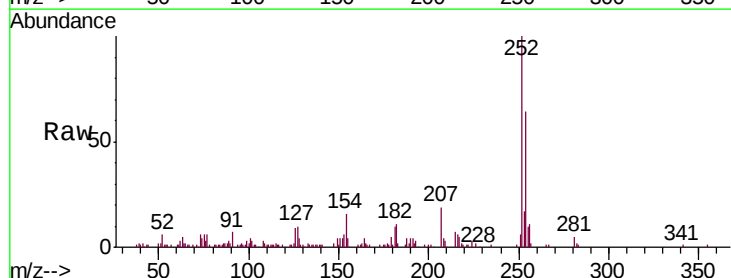
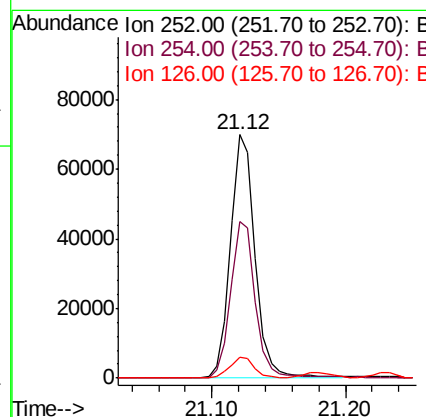
RT: 21.12 min Scan# 3083

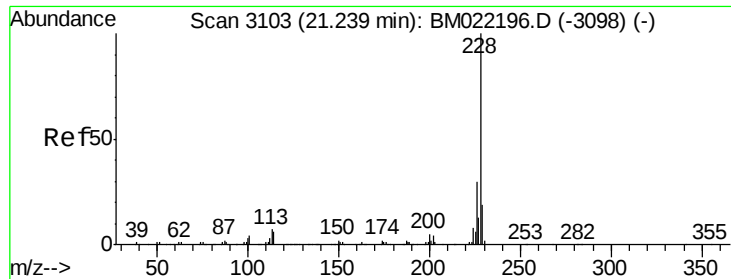
Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

Tgt Ion:	252	Resp:	91524
Ion Ratio	Lower	Upper	
252	100		
254	64.4	51.7	77.5
126	8.6	6.6	9.8





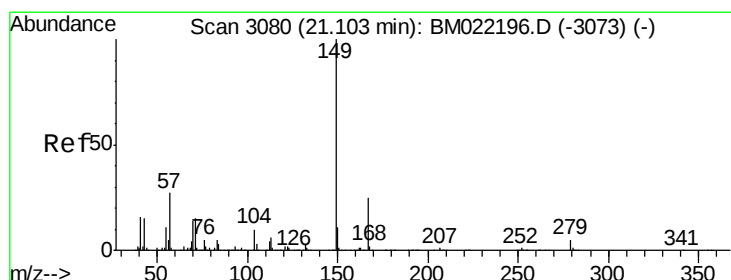
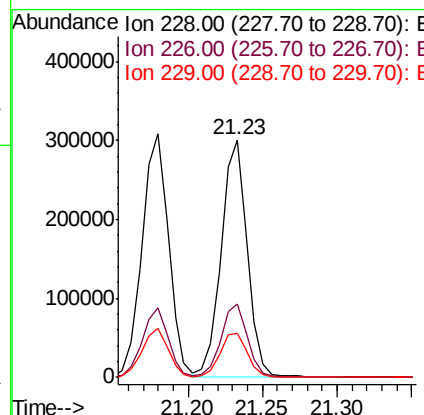
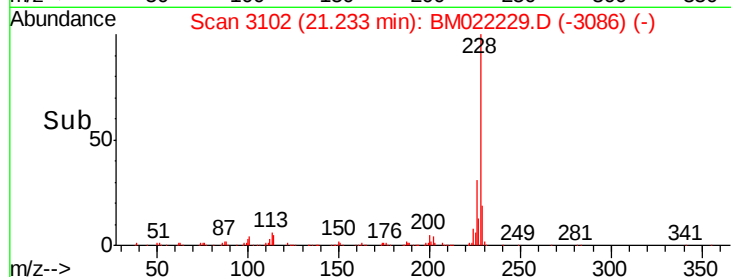
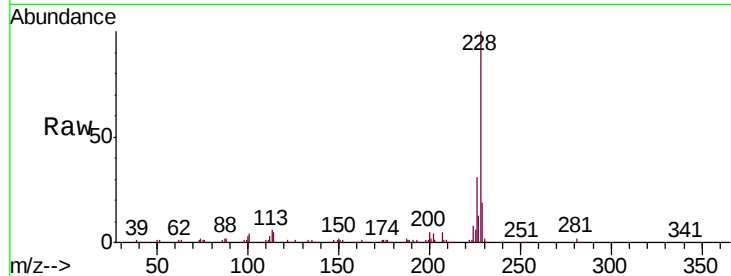
#83
 Chrysene
 Concen: 42.264 ng
 RT: 21.23 min Scan# 3102
 Delta R.T. -0.01 min
 Lab File: BM022229.D
 Acq: 21 Aug 2019 15:07

Instrument :
 BNA_M
 ClientSampleId :
 SP-1MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.1	36.1
229	18.8	15.6	23.4

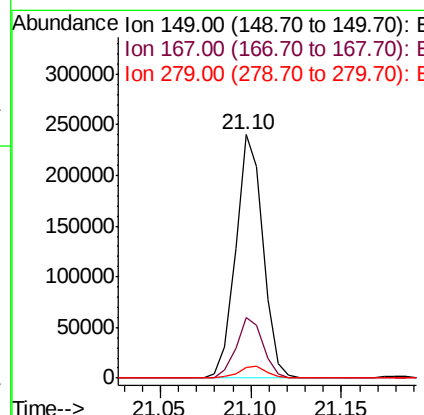
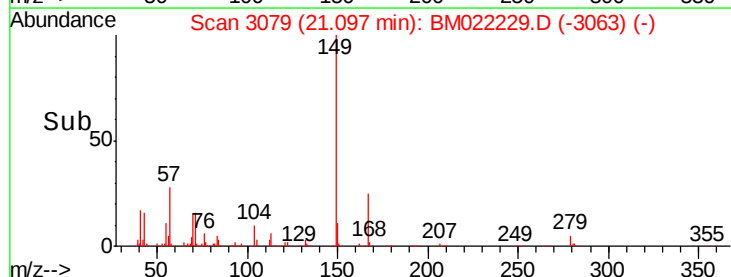
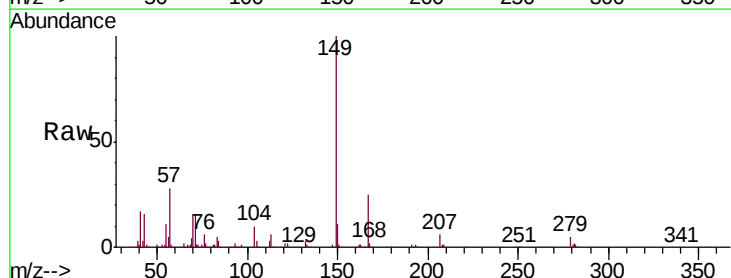
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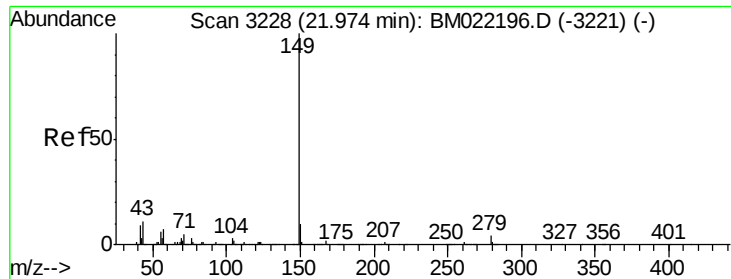
Jagrut
 8/22/2019 2:00:13 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.173 ng
 RT: 21.10 min Scan# 3079
 Delta R.T. -0.01 min
 Lab File: BM022229.D
 Acq: 21 Aug 2019 15:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.1	23.0	34.4
279	4.5	4.6	7.0#





#85

Di-n-octyl phthalate

Concen: 40.338 ng

RT: 21.97 min Scan# 3227

Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

Instrument :

BNA_M

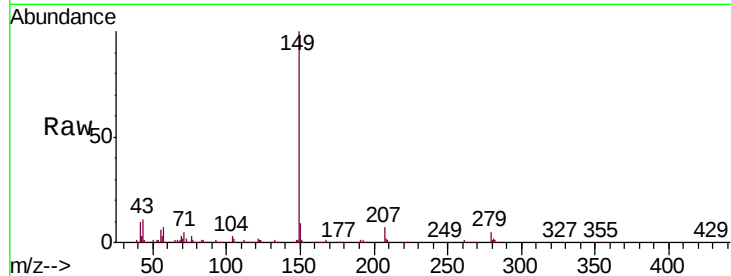
ClientSampleId :

SP-1MSD

Tot Ion:	149	Resp:	396940
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.3	1.9
43	10.4	6.2	9.2#

Manual Integrations
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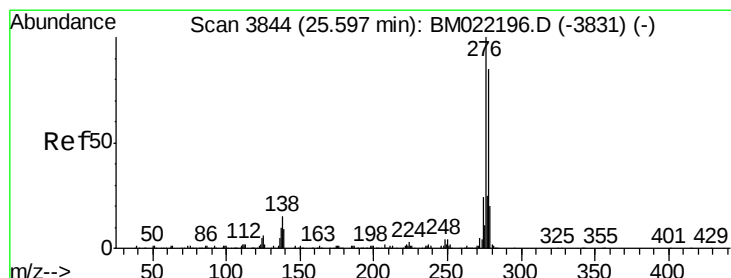
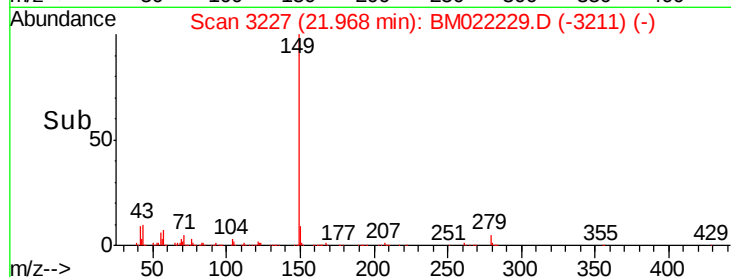
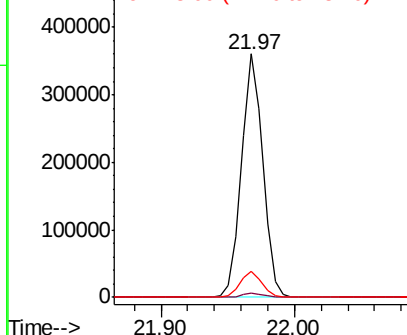


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 53.101 ng

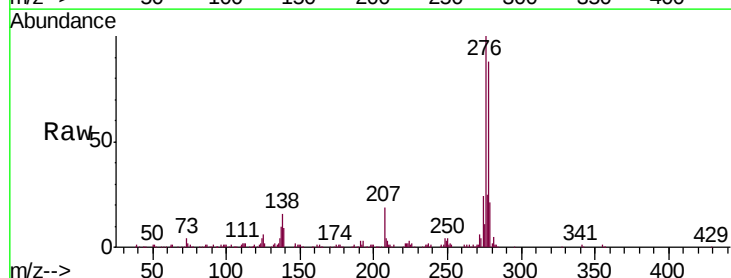
RT: 25.59 min Scan# 3842

Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

Tgt Ion:	276	Resp:	518504
Ion Ratio		Lower	Upper
276	100		
138	15.5	15.4	23.0
277	25.3	20.4	30.6

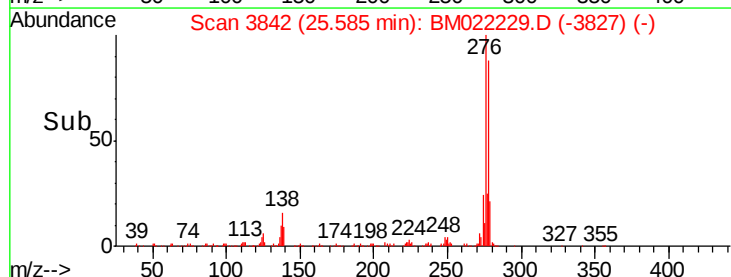
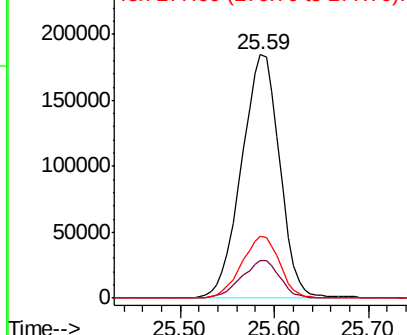


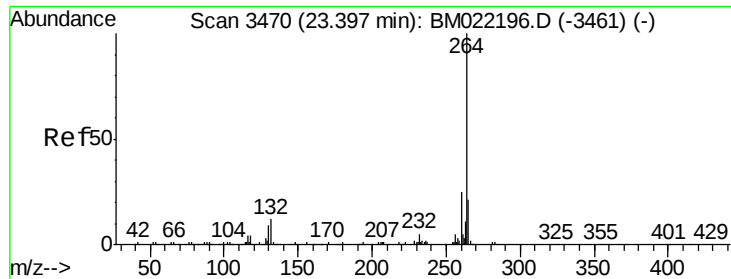
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





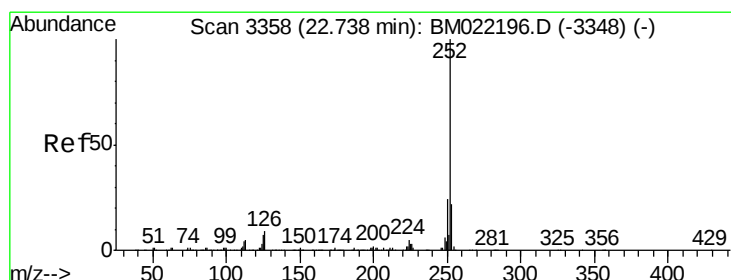
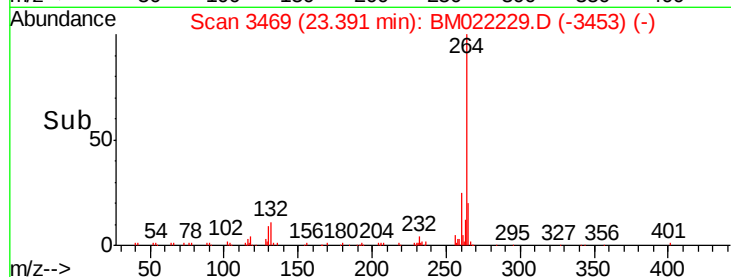
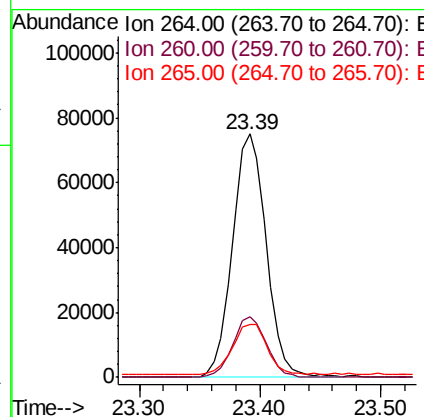
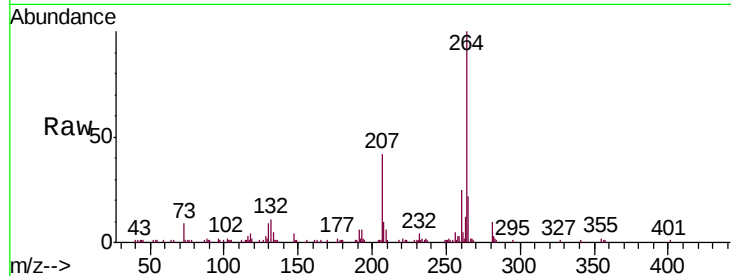
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.39 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BM022229.D
Acq: 21 Aug 2019 15:07

Instrument :
BNA_M
ClientSampleId :
SP-1MSD

Tot Ion:	264	Resp:	146243
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.0	28.4
265	21.8	17.7	26.5

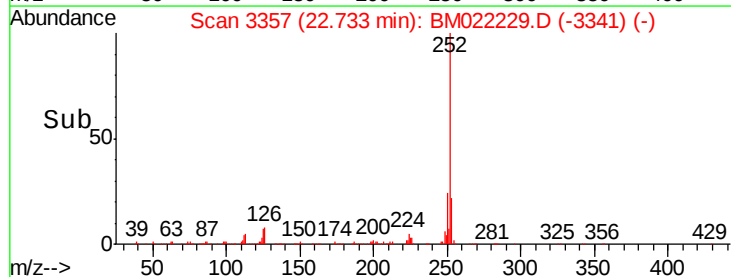
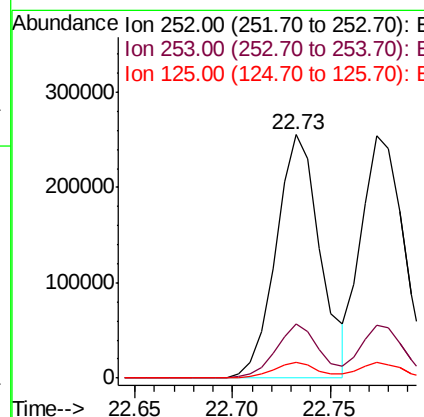
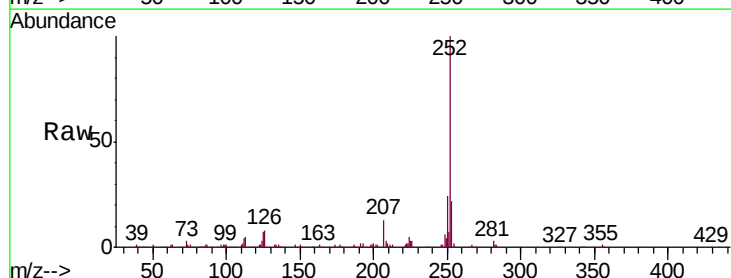
Manual Integrations
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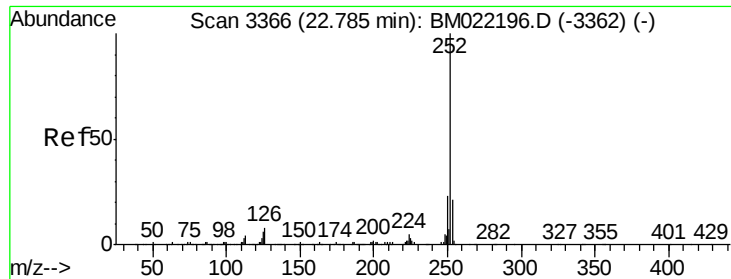
Jagrut
8/22/2019 2:00:13 PM



#88
Benzo(b)fluoranthene
Concen: 41.174 ng
RT: 22.73 min Scan# 3357
Delta R.T. -0.01 min
Lab File: BM022229.D
Acq: 21 Aug 2019 15:07

Tgt Ion:	252	Resp:	402066
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.4	26.0
125	6.5	5.9	8.9





#89

Benzo(k)fluoranthene

Concen: 40.191 ng

RT: 22.77 min Scan# 3364

Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

Instrument :

BNA_M

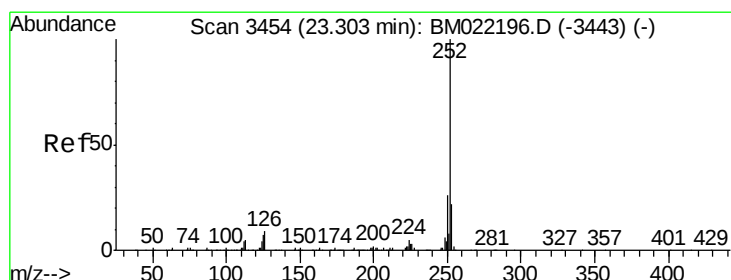
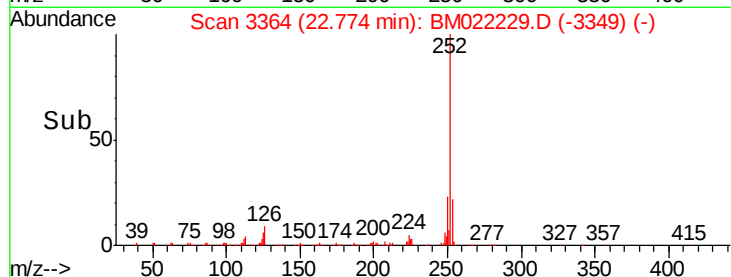
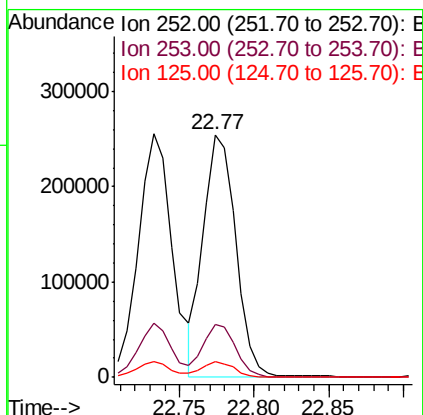
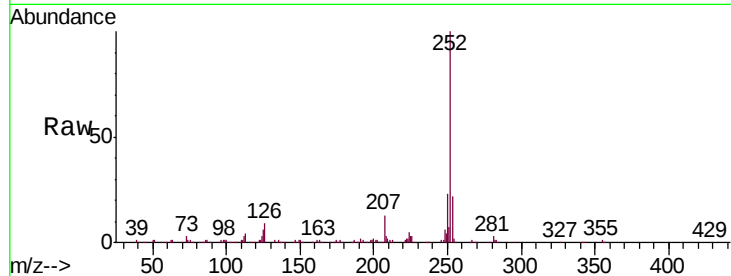
ClientSampleId :

SP-1MSD

Tot Ion:	252	Resp:	383635
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.5	26.3
125	6.4	5.9	8.9

Manual Integrations
APPROVED

Jagrut
8/22/2019 2:00:13 PM



#90

Benzo(a)pyrene

Concen: 44.132 ng

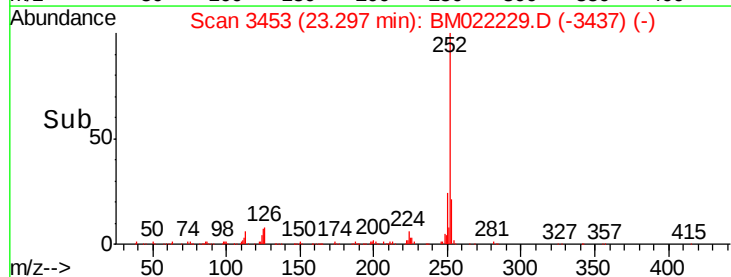
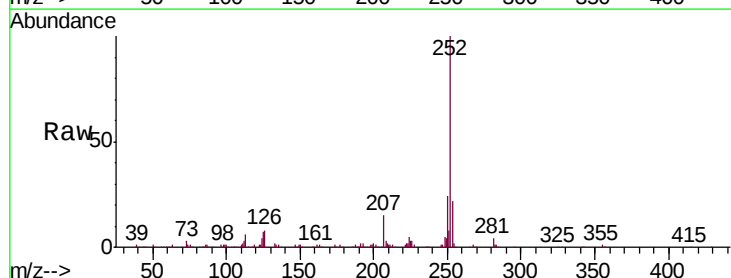
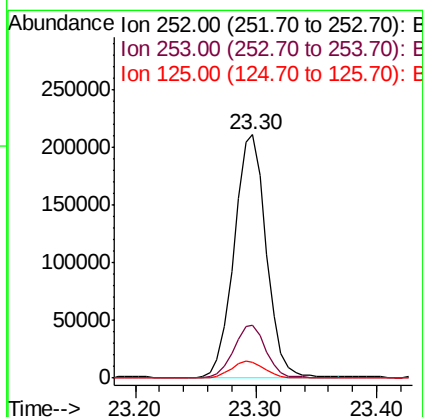
RT: 23.30 min Scan# 3453

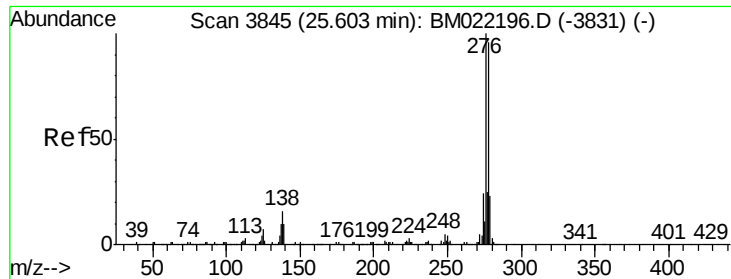
Delta R.T. -0.01 min

Lab File: BM022229.D

Acq: 21 Aug 2019 15:07

Tgt Ion:	252	Resp:	392468
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.5	26.3
125	6.6	6.6	10.0#





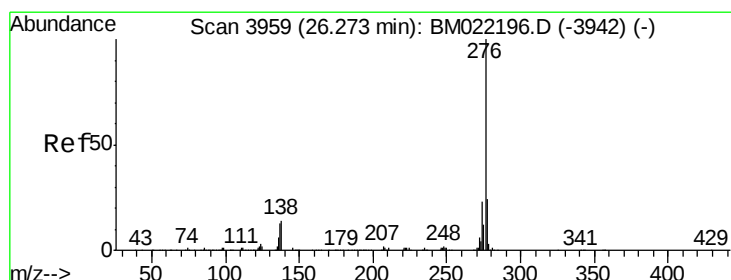
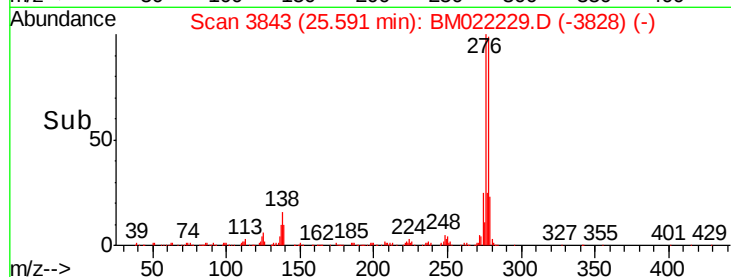
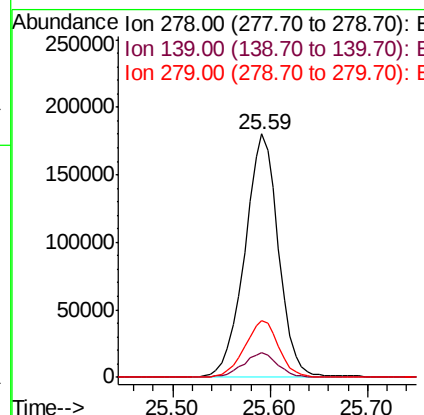
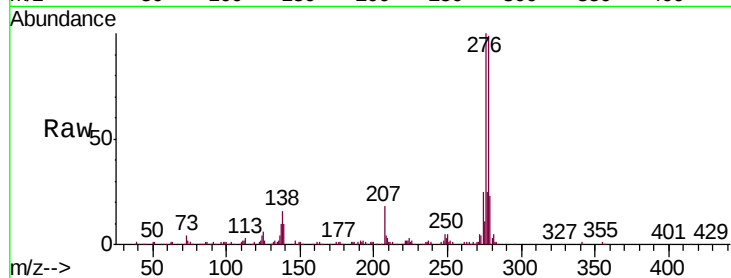
#91
Dibenzo(a,h)anthracene
Concen: 46.085 ng
RT: 25.59 min Scan# 3843
Delta R.T. -0.01 min
Lab File: BM022229.D
Acq: 21 Aug 2019 15:07

Instrument :
BNA_M
ClientSampleId :
SP-1MSD

Tot Ion:	278	Resp:	435471
Ion Ratio	Lower	Upper	
278	100		
139	10.2	9.8	14.8
279	23.0	18.7	28.1

Manual Integrations
APPROVED

Jagrut
8/22/2019 2:00:13 PM



#92
Benzo(g,h,i)perylene
Concen: 49.837 ng
RT: 26.26 min Scan# 3957
Delta R.T. -0.01 min
Lab File: BM022229.D
Acq: 21 Aug 2019 15:07

Tgt Ion:	276	Resp:	411709
Ion Ratio	Lower	Upper	
276	100		
277	23.3	18.8	28.2
138	12.9	13.1	19.7#

