

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031819\
 Data File : BM019226.D
 Acq On : 18 Mar 2019 21:29
 Operator : JU/SJ
 Sample : K1947-03MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B100-031219MSD

Manual Integrations
 APPROVED

Sohil
 3/19/2019 5:28:06 PM

Quant Time: Mar 19 07:37:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	200414	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	891011	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	546956	20.00	ng	-0.02
64) Phenanthrene-d10	17.06	188	1194539	20.00	ng	-0.02
76) Chrysene-d12	21.26	240	953008	20.00	ng	-0.01
87) Perylene-d12	23.49	264	855513	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1815489	146.70	ng	0.00
7) Phenol-d6	6.83	99	2737443	151.23	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1687606	89.53	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	1214678	150.41	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	3547691	84.37	ng	-0.02
79) Terphenyl-d14	19.70	244	5169264	107.68	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.22	88	176836	32.122	ng	99
3) Pyridine	3.62	79	268792	17.946	ng	99
4) n-Nitrosodimethylamine	3.53	42	165687	35.584	ng	93
6) Aniline	7.00	93	533155	22.813	ng	100
8) 2-Chlorophenol	7.22	128	655155	44.055	ng	99
9) Benzaldehyde	6.81	77	237335	20.845	ng	97
10) Phenol	6.86	94	944598	48.421	ng	98
11) bis(2-Chloroethyl)ether	7.09	93	591636	39.745	ng	97
12) 1,3-Dichlorobenzene	7.53	146	614354	39.037	ng	99
13) 1,4-Dichlorobenzene	7.68	146	634699	39.558	ng	98
14) 1,2-Dichlorobenzene	7.99	146	622442	39.874	ng	99
15) Benzyl Alcohol	7.90	79	640114	42.727	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.18	45	587008	38.620	ng	99
17) 2-Methylphenol	8.10	107	585419	46.051	ng	99
18) Hexachloroethane	8.70	117	226225	37.944	ng	96
19) n-Nitroso-di-n-propylamine	8.46	70	591436	39.826	ng	99
20) 3+4-Methylphenols	8.43	107	812306	47.075	ng	99
22) Acetophenone	8.48	105	980903	39.836	ng	# 100
24) Nitrobenzene	8.86	77	826022	42.136	ng	99
25) Isophorone	9.38	82	1516702	42.169	ng	99
26) 2-Nitrophenol	9.56	139	365275	44.952	ng	99
27) 2,4-Dimethylphenol	9.62	122	647370	53.589	ng	98
28) bis(2-Chloroethoxy)methane	9.86	93	898522	42.190	ng	99
29) 2,4-Dichlorophenol	10.09	162	672151	50.238	ng	98
30) 1,2,4-Trichlorobenzene	10.29	180	649583	43.058	ng	98
31) Naphthalene	10.48	128	2007846	42.754	ng	100
32) Benzoic acid	9.78	122	298380m	29.164	ng	
33) 4-Chloroaniline	10.62	127	292080	15.172	ng	100
34) Hexachlorobutadiene	10.75	225	346479	40.021	ng	99
35) Caprolactam	11.44	113	216631m	45.454	ng	
36) 4-Chloro-3-methylphenol	11.74	107	776286	47.024	ng	98
37) 2-Methylnaphthalene	12.10	142	1538688	45.087	ng	99
38) 1-Methylnaphthalene	12.32	142	1473059	43.792	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	743005	42.944	ng	99

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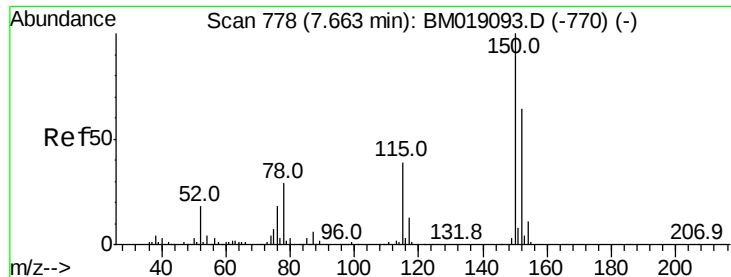
Manual Integrations
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 3/19/2019 5:28:06 PM

Quant Time: Mar 19 07:37:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.43	237	612966	78.215	nq	97
43) 2,4,6-Trichlorophenol	12.73	196	550602	49.244	nq	99
44) 2,4,5-Trichlorophenol	12.80	196	584181	48.860	nq	99
46) 1,1'-Biphenyl	13.13	154	2000057	41.872	nq	99
47) 2-Chloronaphthalene	13.17	162	1566964	43.949	nq	99
48) 2-Nitroaniline	13.40	65	539845	45.147	nq	94
49) Acenaphthylene	14.03	152	2555404	42.388	nq	99
50) Dimethylphthalate	13.77	163	2438936	52.126	nq	99
51) 2,6-Dinitrotoluene	13.90	165	444757	43.972	nq	97
52) Acenaphthene	14.37	154	1472716	42.514	nq	99
53) 3-Nitroaniline	14.24	138	300600	28.060	nq	96
54) 2,4-Dinitrophenol	14.45	184	300965	51.237	nq	95
55) Dibenzofuran	14.70	168	2416927	43.264	nq	99
56) 4-Nitrophenol	14.56	139	697852	79.787	nq	99
57) 2,4-Dinitrotoluene	14.70	165	634639	43.225	nq	99
58) Fluorene	15.36	166	1990008	43.216	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	525003	47.167	nq	98
60) Diethylphthalate	15.14	149	2072934	43.744	nq	99
61) 4-Chlorophenyl-phenylether	15.35	204	980628	43.847	nq	98
62) 4-Nitroaniline	15.42	138	410624	38.035	nq	97
63) Azobenzene	15.65	77	2148001	43.076	nq	98
65) 4,6-Dinitro-2-methylphenol	15.46	198	258169	32.981	nq	98
66) n-Nitrosodiphenylamine	15.58	169	1732331	45.552	nq	99
67) 4-Bromophenyl-phenylether	16.25	248	584056	44.338	nq	97
68) Hexachlorobenzene	16.35	284	685953	43.800	nq	98
69) Atrazine	16.54	200	597978	46.710	nq	99
70) Pentachlorophenol	16.71	266	788416	83.558	nq	100
71) Phenanthrene	17.10	178	2967415	42.382	nq	99
72) Anthracene	17.19	178	3020410	44.066	nq	99
73) Carbazole	17.47	167	2709966	41.890	nq	100
74) Di-n-butylphthalate	18.03	149	3525153	45.061	nq	100
75) Fluoranthene	19.13	202	3121360	38.851	nq	99
77) Benzidine	19.33	184	508282	18.806	nq	99
78) Pyrene	19.49	202	3086282	51.184	nq	100
80) Butylbenzylphthalate	20.40	149	1494956	56.922	nq	98
81) Benzo(a)anthracene	21.24	228	2459949	41.144	nq	99
82) 3,3'-Dichlorobenzidine	21.19	252	740236	32.139	nq	98
83) Chrysene	21.30	228	2367347	40.928	nq	100
84) Bis(2-ethylhexyl)phthalate	21.16	149	2222336	58.163	nq	100
85) Di-n-octyl phthalate	22.04	149	3312441	51.484	nq	99
86) Indeno(1,2,3-cd)pyrene	25.76	276	2609996	41.918	nq	100
88) Benzo(b)fluoranthene	22.82	252	2323962	41.922	nq	100
89) Benzo(k)fluoranthene	22.87	252	2179665	42.749	nq	98
90) Benzo(a)pyrene	23.40	252	2145001	43.057	nq	100
91) Dibenzo(a,h)anthracene	25.76	278	2239716	46.998	nq	99
92) Benzo(g,h,i)perylene	26.45	276	2129705	48.676	nq	99

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



#1

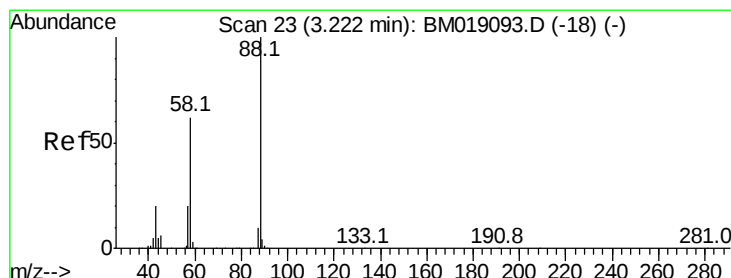
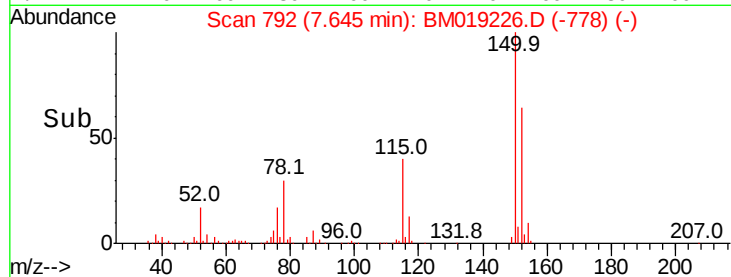
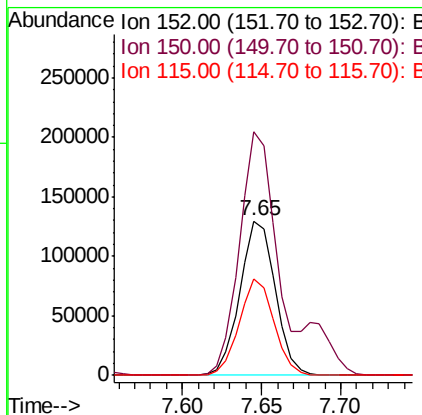
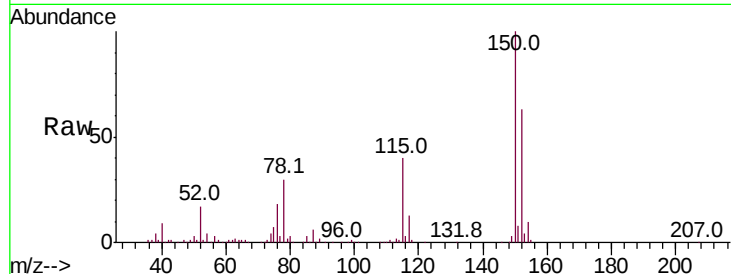
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 792
Delta R.T. -0.02 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	125.3	187.9
115	62.6	49.4	74.0

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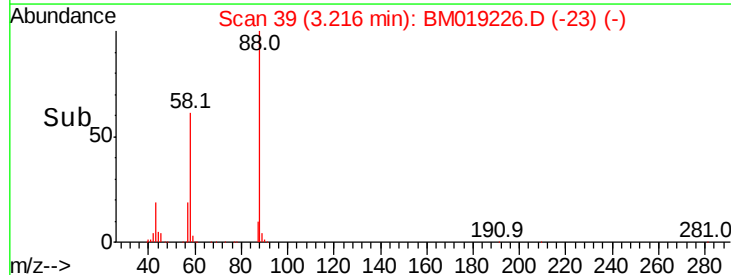
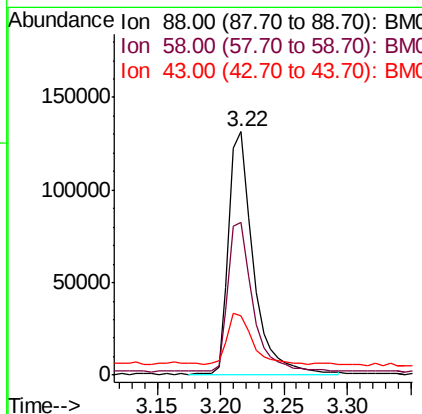
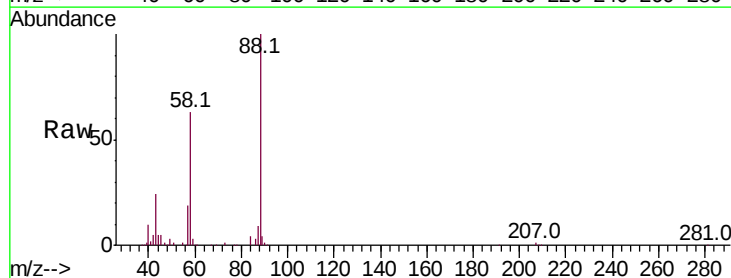
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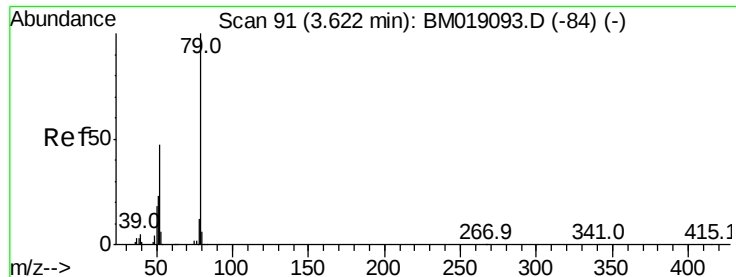


#2

1,4-Dioxane
Concen: 32.122 ng
RT: 3.22 min Scan# 39
Delta R.T. -0.01 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.7	50.0	75.0
43	21.9	17.0	25.4





#3

Pvridine

Concen: 17.946 ng

RT: 3.62 min Scan# 107

Delta R.T. -0.01 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Instrument :

BNA_M

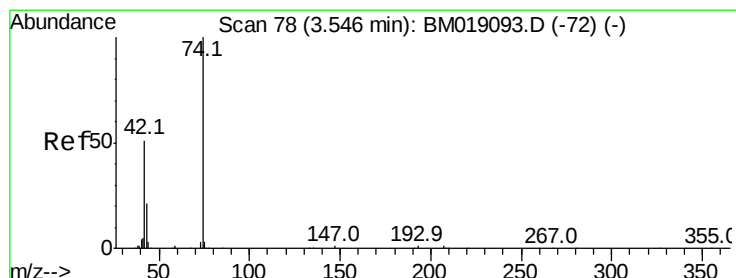
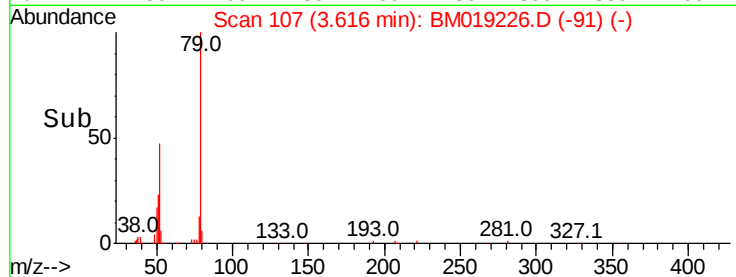
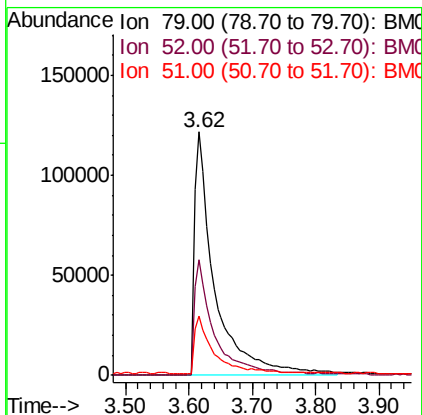
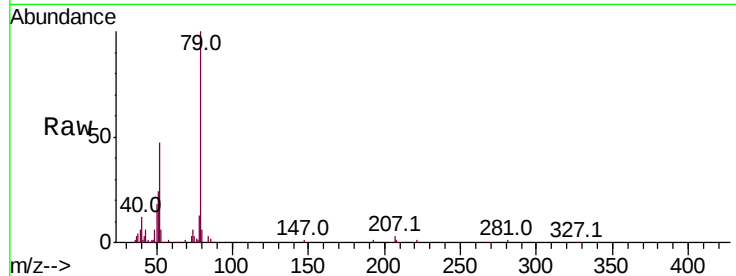
ClientSampleId :

PST-028-B100-031219MSD

Tot Ion:	79	Resp:	268792
Ion Ratio	Lower	Upper	
79	100		
52	47.2	37.5	56.3
51	24.3	19.2	28.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 35.584 ng

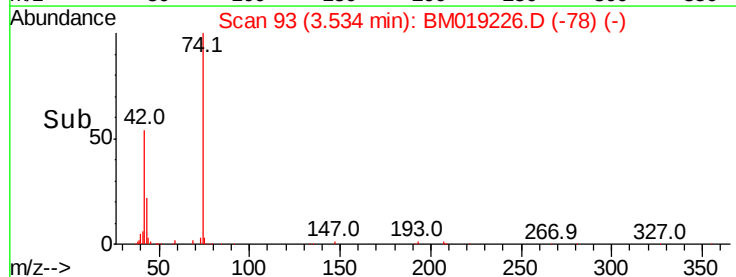
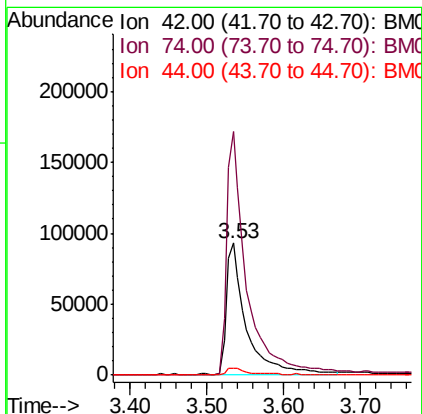
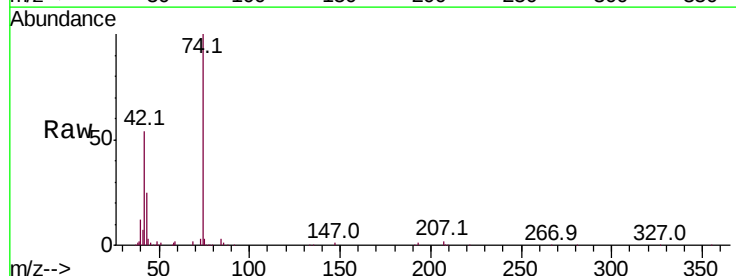
RT: 3.53 min Scan# 93

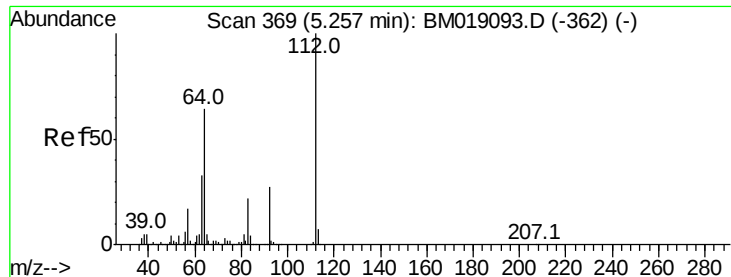
Delta R.T. -0.01 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Tgt Ion:	42	Resp:	165687
Ion Ratio	Lower	Upper	
42	100		
74	185.0	156.3	234.5
44	5.5	4.6	7.0





#5

2-Fluorophenol

Concen: 146.704 ng

RT: 5.25 min Scan# 385

Delta R.T. -0.01 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Instrument :

BNA_M

ClientSampleId :

PST-028-B100-031219MSD

Tot Ion:112 Resp: 1815489

Ion Ratio Lower Upper

112 100

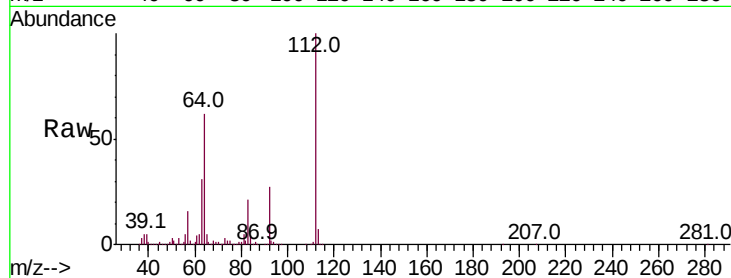
64 61.9 51.4 77.0

63 31.4 26.6 40.0

Manual Integrations
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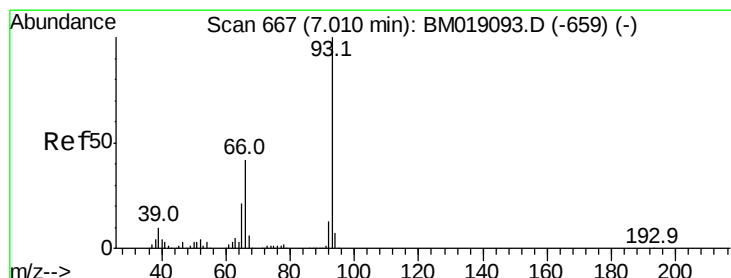
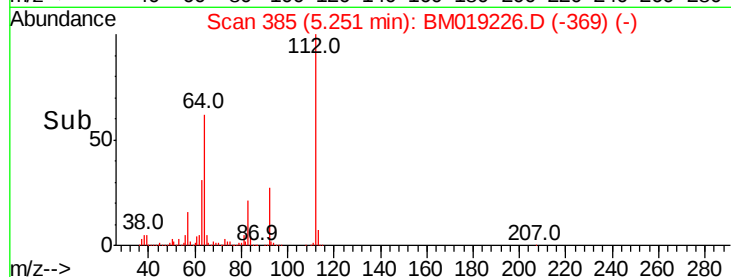
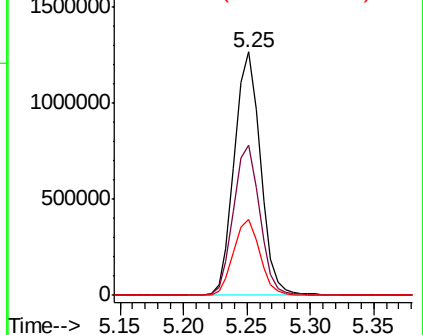
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 22.813 ng

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

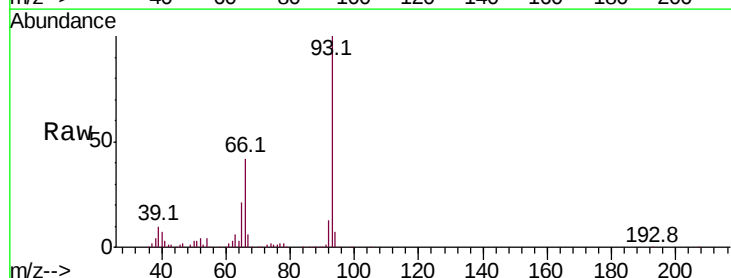
Tgt Ion: 93 Resp: 533155

Ion Ratio Lower Upper

93 100

66 42.0 33.4 50.2

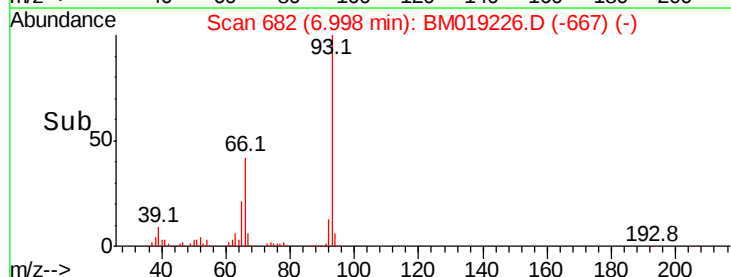
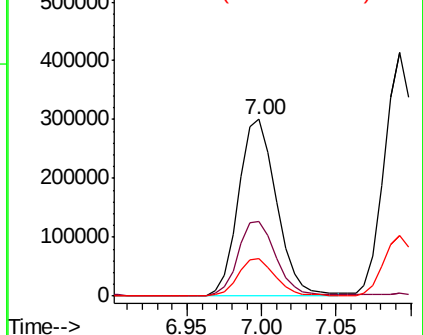
65 20.9 16.8 25.2

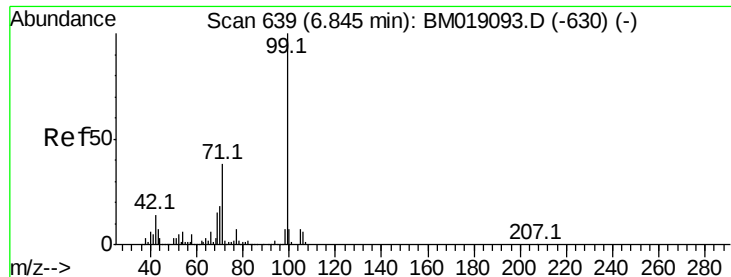


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 151.229 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Instrument :

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ClientSampleId :

PST-028-B100-031219MSD

Tot Ion: 99 Resp: 2737443

Ion Ratio Lower Upper

99 100

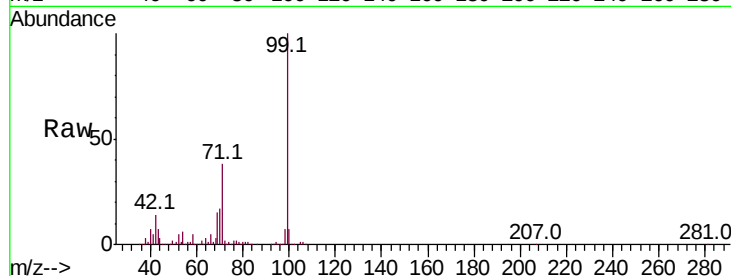
42 13.8 10.9 16.3

71 37.7 30.3 45.5

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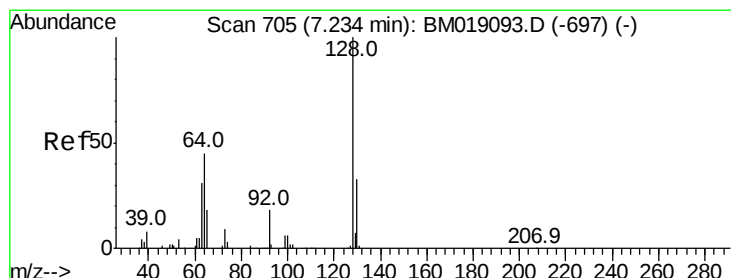
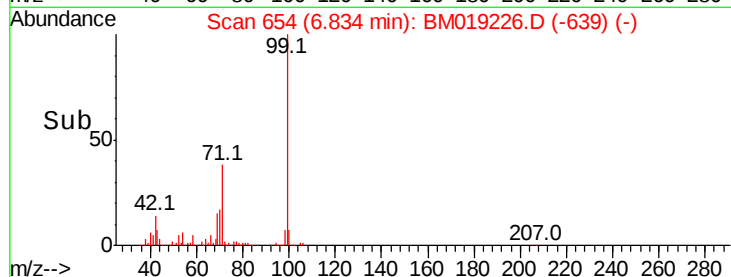
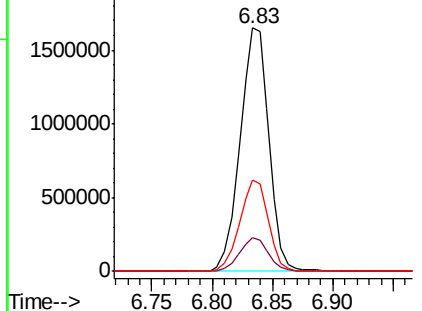
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Abundance Ion 99.00 (98.70 to 99.70): BM019093.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM019093.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM019093.D (-630) (-)



#8

2-Chlorophenol

Concen: 44.055 ng

RT: 7.22 min Scan# 719

Delta R.T. -0.02 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

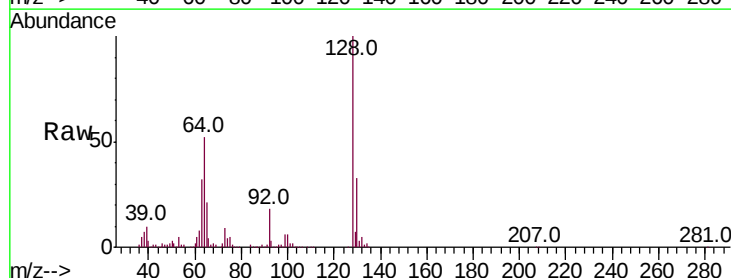
Tgt Ion: 128 Resp: 655155

Ion Ratio Lower Upper

128 100

130 32.8 12.8 52.8

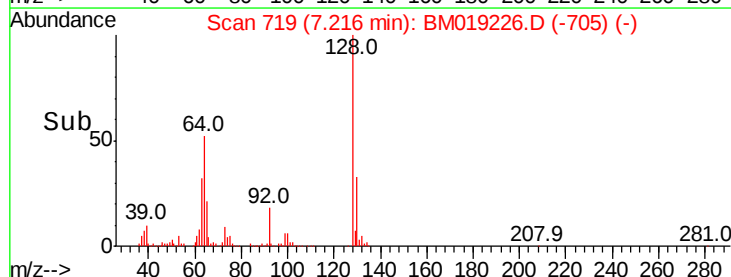
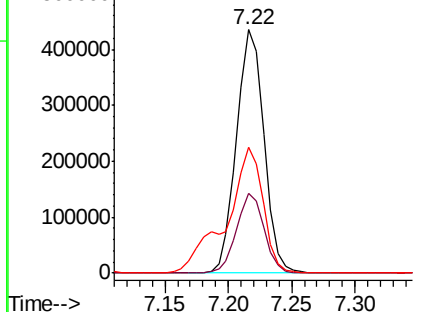
64 51.6 30.8 70.8

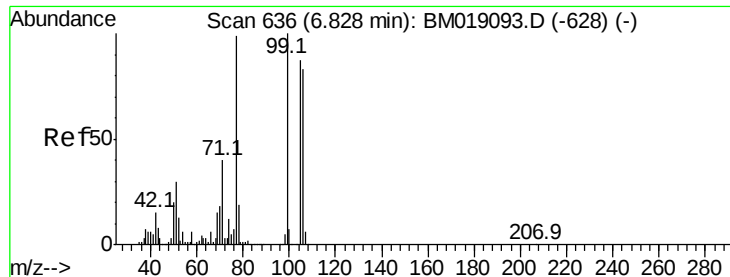


Abundance Ion 128.00 (127.70 to 128.70): BM019093.D (-697) (-)

Ion 130.00 (129.70 to 130.70): BM019093.D (-697) (-)

Ion 64.00 (63.70 to 64.70): BM019093.D (-697) (-)





#9

Benzaldehyde

Concen: 20.845 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Instrument :

BNA_M

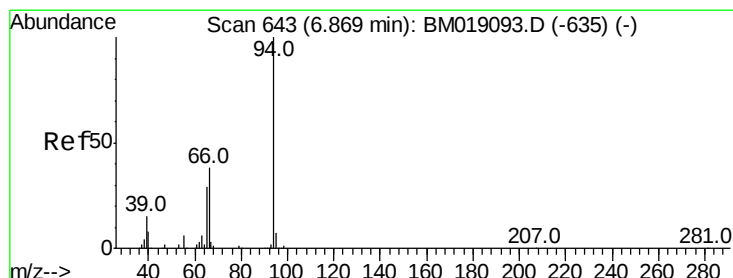
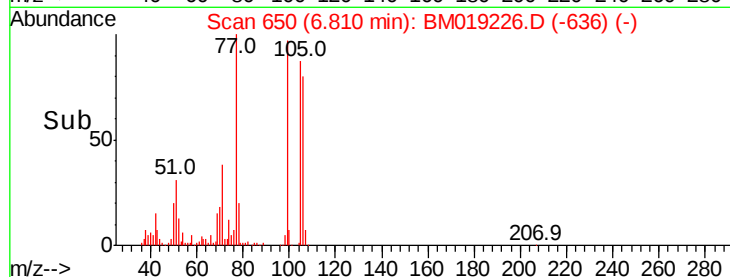
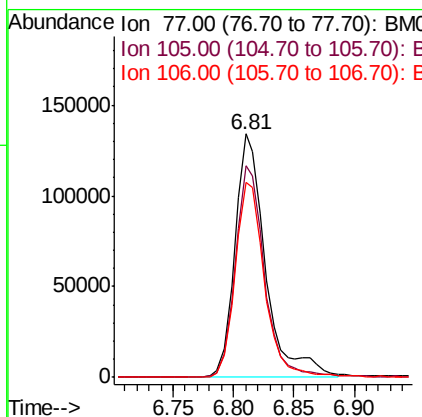
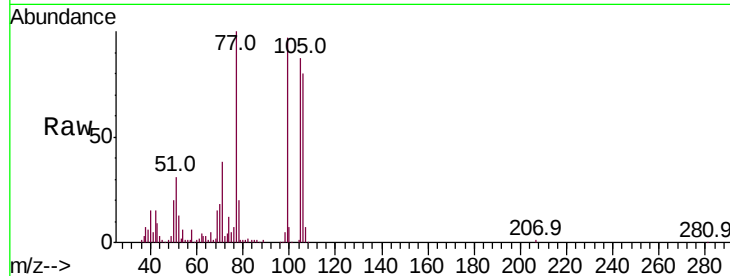
ClientSampleId :

PST-028-B100-031219MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	86.8	67.7	107.7
106	80.0	64.1	104.1

Manual Integrations
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#10

Phenol

Concen: 48.421 ng

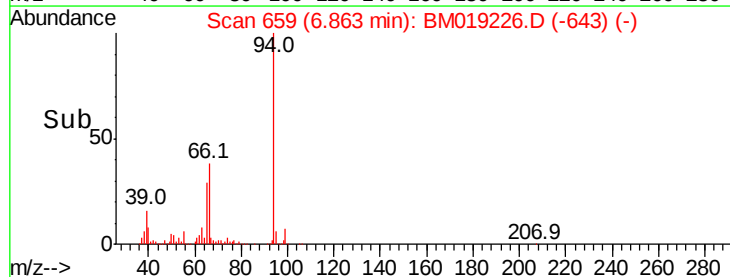
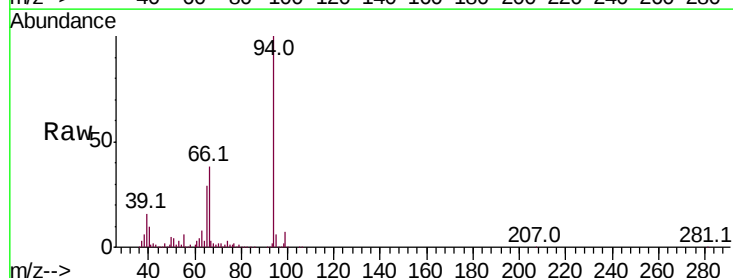
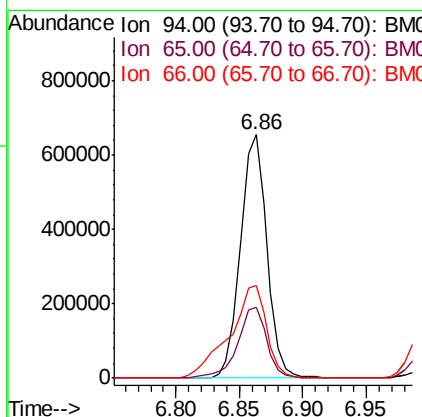
RT: 6.86 min Scan# 659

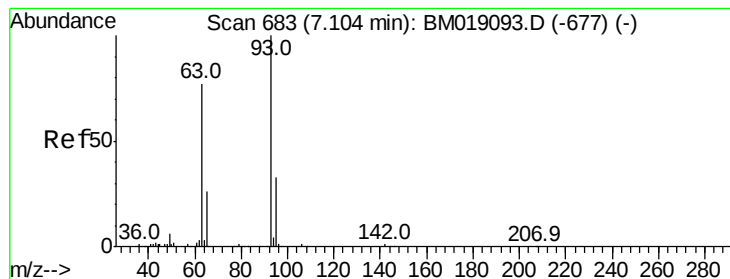
Delta R.T. -0.01 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.9	9.7	49.7
66	38.0	19.2	59.2





#11

bis(2-Chloroethyl)ether

Concen: 39.745 ng

RT: 7.09 min Scan# 698

Delta R.T. -0.01 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Instrument :

BNA_M

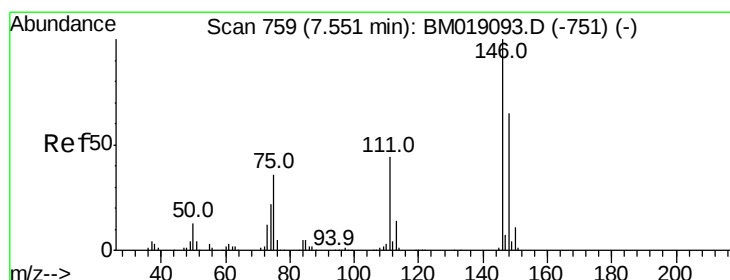
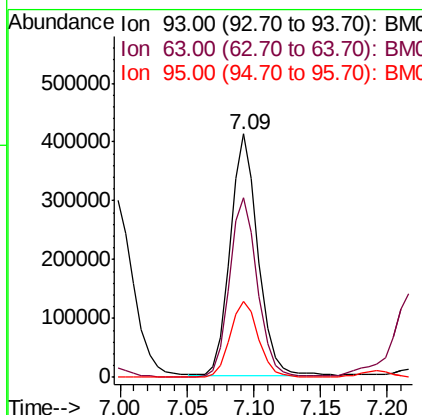
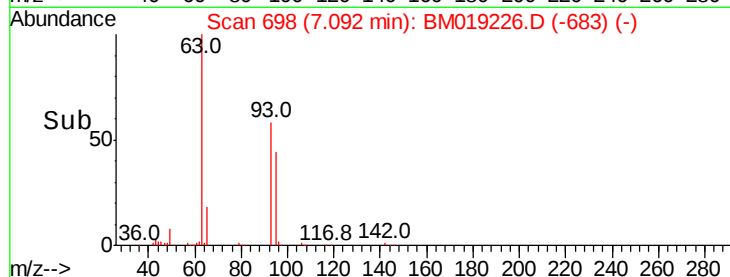
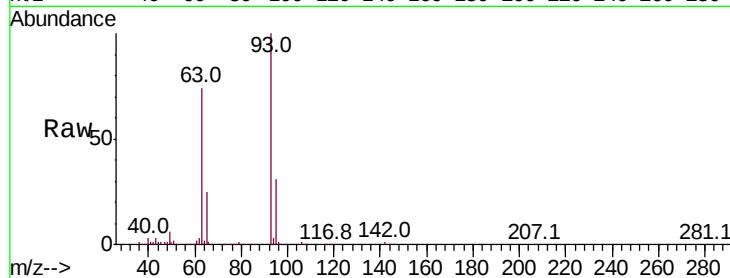
ClientSampleId :

PST-028-B100-031219MSD

Tot Ion	93	Resp	591636
Ion Ratio	Lower	Upper	
93	100		
63	73.6	56.6	96.6
95	31.3	13.0	53.0

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#12

1,3-Dichlorobenzene

Concen: 39.037 ng

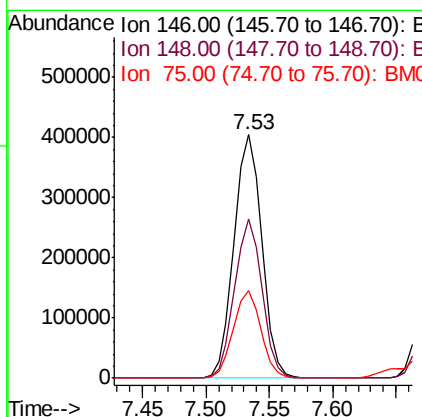
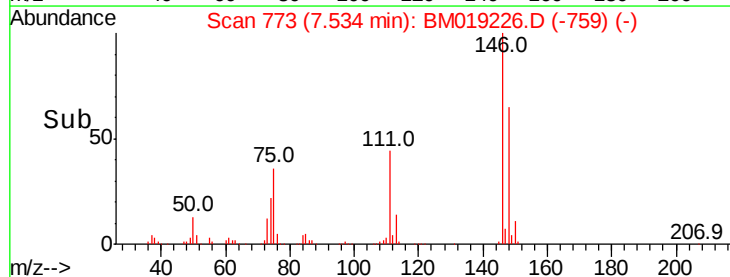
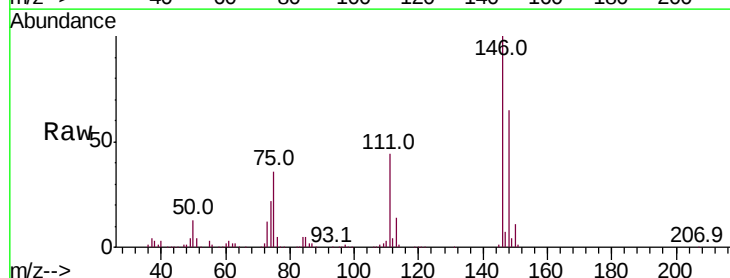
RT: 7.53 min Scan# 773

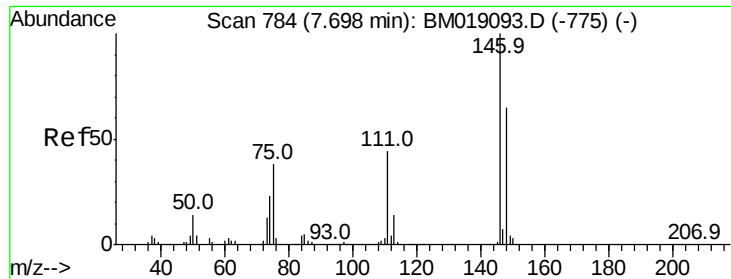
Delta R.T. -0.02 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Tgt Ion	146	Resp	614354
Ion Ratio	Lower	Upper	
146	100		
148	65.4	51.7	77.5
75	35.9	29.1	43.7





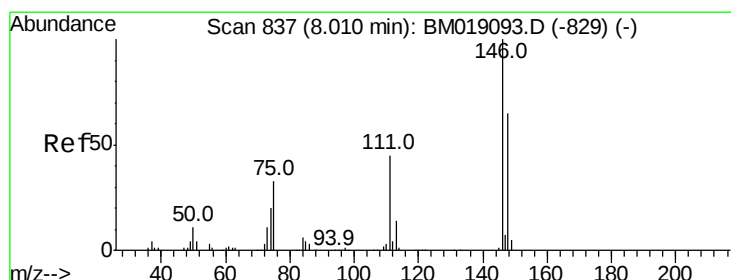
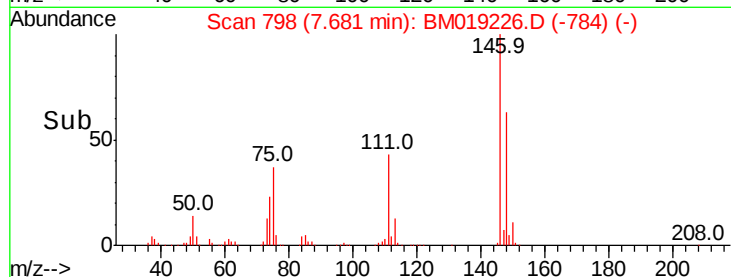
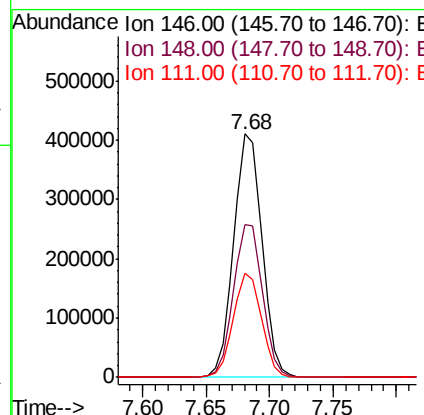
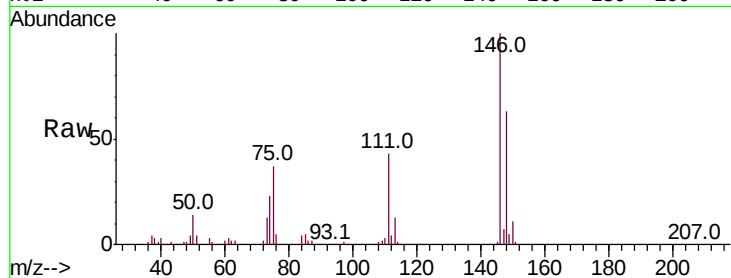
#13
 1,4-Dichlorobenzene
 Concen: 39.558 ng
 RT: 7.68 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BM019226.D
 Acq: 18 Mar 2019 21:29

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B100-031219MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.8	77.6
111	42.5	35.4	53.0

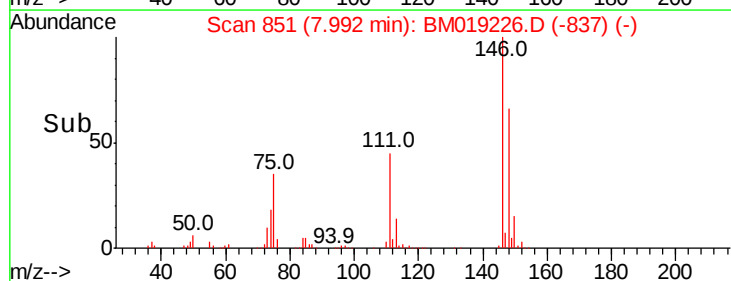
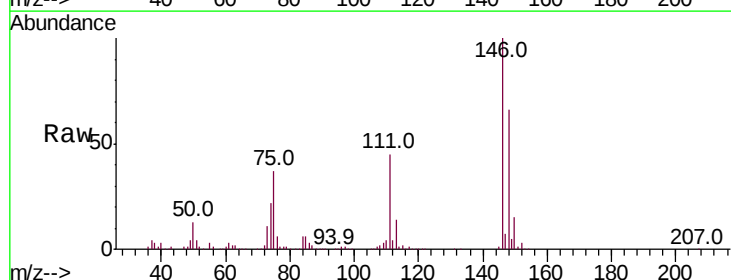
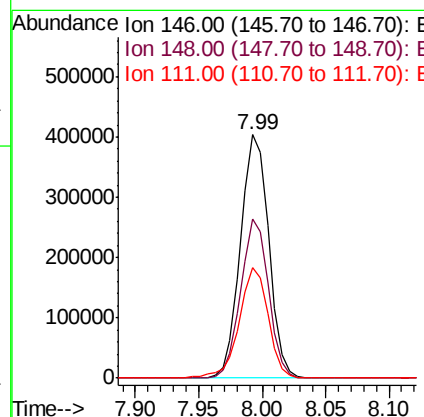
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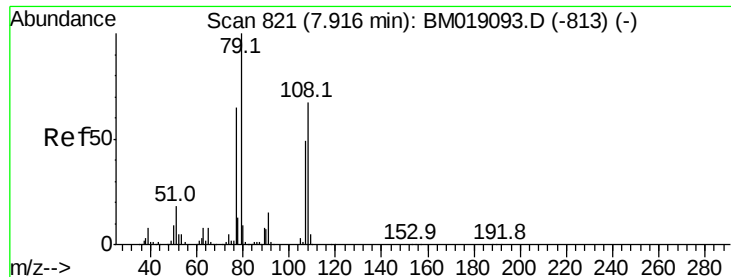
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 39.874 ng
 RT: 7.99 min Scan# 851
 Delta R.T. -0.02 min
 Lab File: BM019226.D
 Acq: 18 Mar 2019 21:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.8	77.6
111	45.2	36.2	54.4





#15

Benzyl Alcohol

Concen: 42.727 ng

RT: 7.90 min Scan# 836

Delta R.T. -0.01 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Instrument :

BNA_M

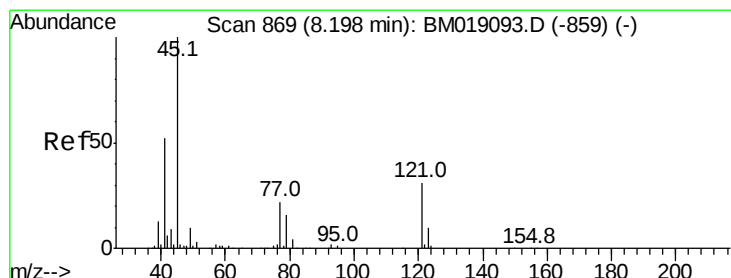
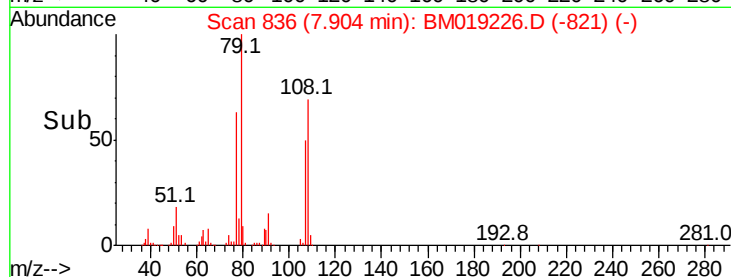
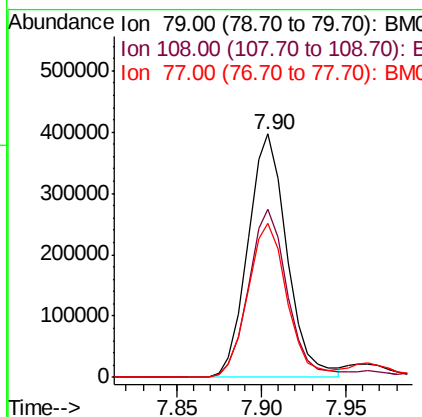
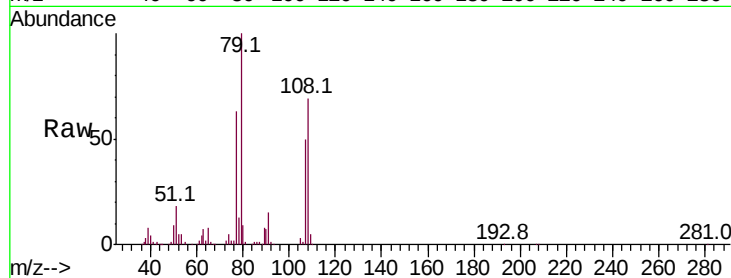
ClientSampleId :

PST-028-B100-031219MSD

Tot Ion:	79	Resp:	640114
Ion Ratio	Lower	Upper	
79	100		
108	68.9	53.7	80.5
77	63.3	51.8	77.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.620 ng

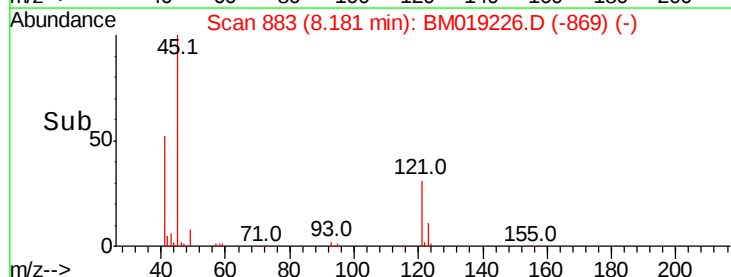
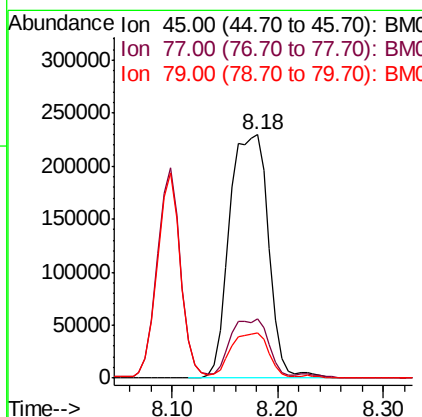
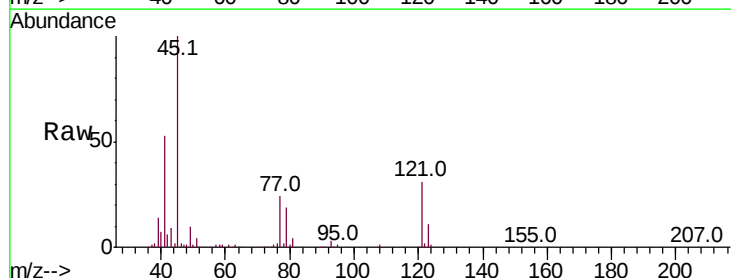
RT: 8.18 min Scan# 883

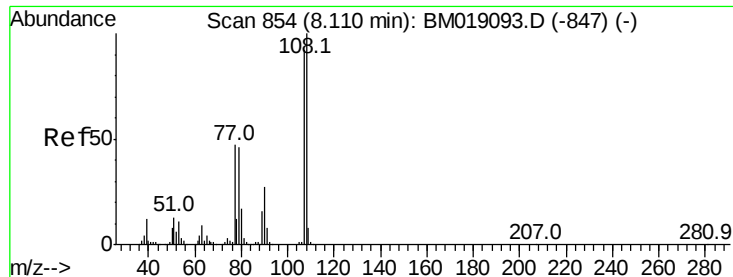
Delta R.T. -0.02 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Tgt Ion:	45	Resp:	587008
Ion Ratio	Lower	Upper	
45	100		
77	24.3	4.1	44.1
79	18.7	0.0	38.1





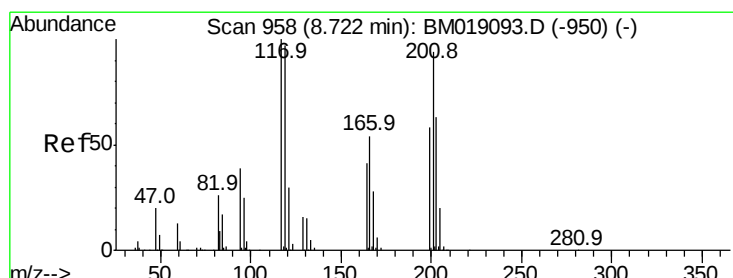
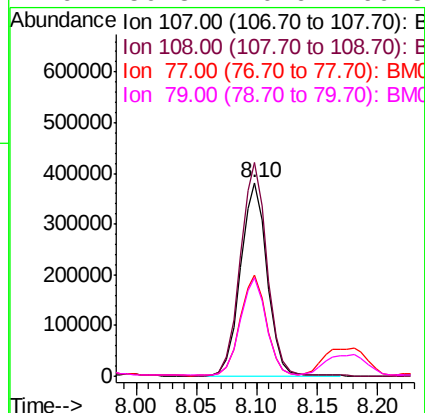
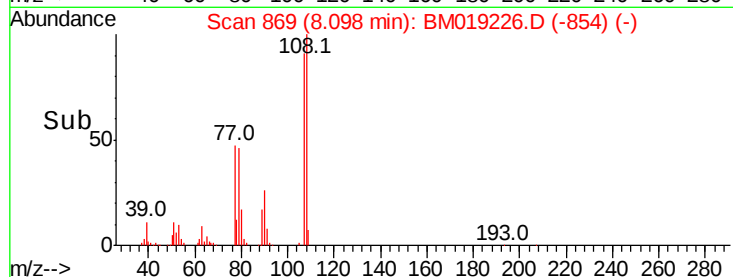
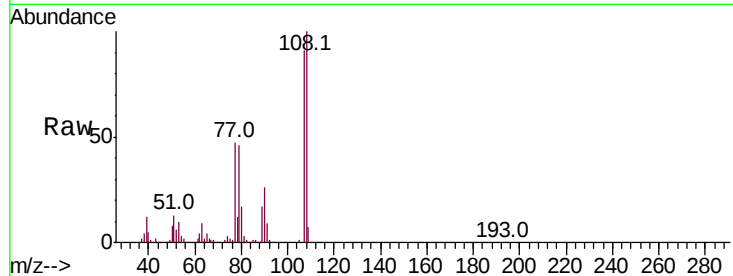
#17
2-Methylphenol
Concen: 46.051 ng
RT: 8.10 min Scan# 869
Delta R.T. -0.01 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.3	87.4	131.2	
77	51.9	41.6	62.4	
79	50.8	40.6	60.8	

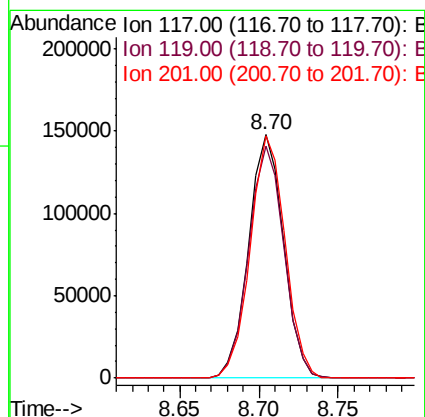
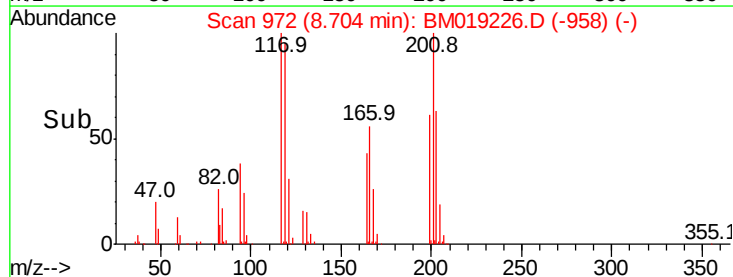
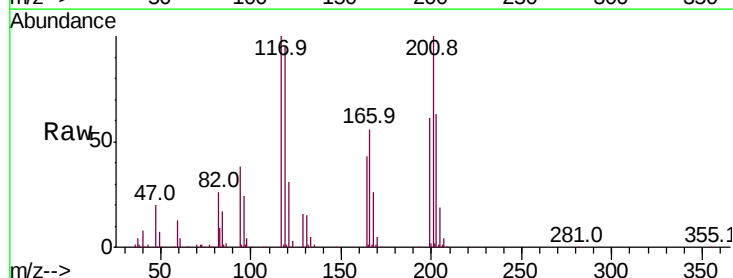
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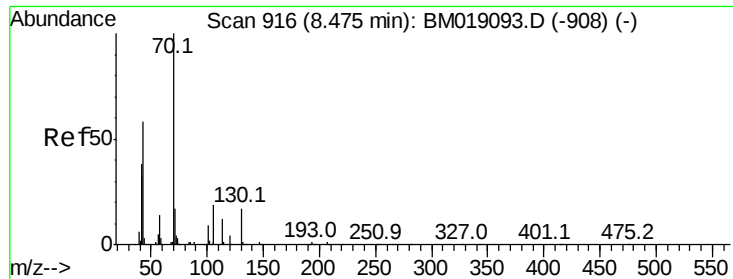
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#18
Hexachloroethane
Concen: 37.944 ng
RT: 8.70 min Scan# 972
Delta R.T. -0.02 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	77.4	116.2	
201	99.6	75.2	112.8	





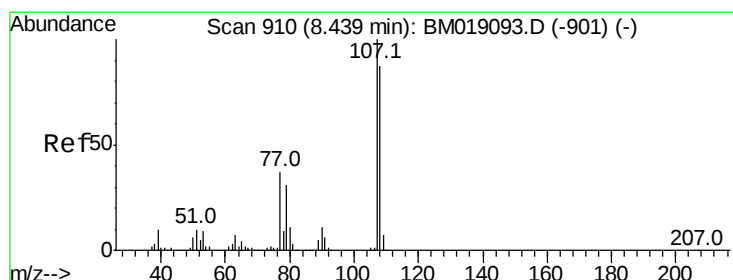
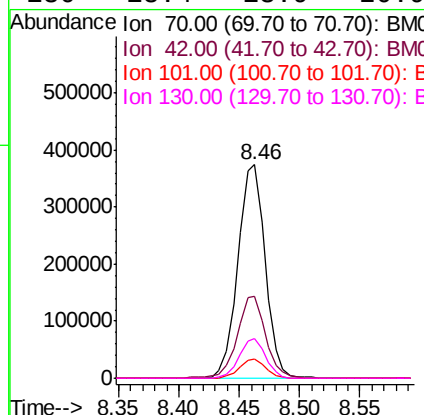
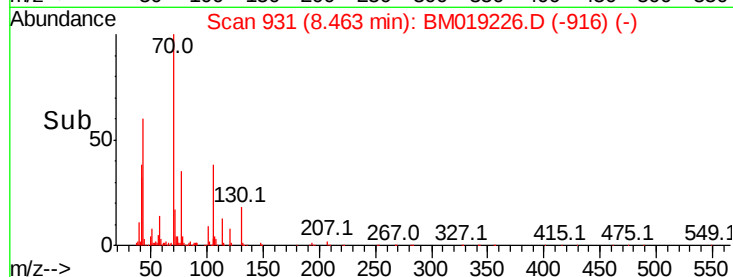
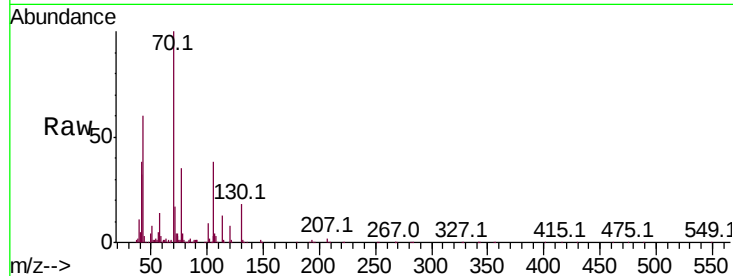
#19
n-Nitroso-di-n-propylamine
Concen: 39.826 ng
RT: 8.46 min Scan# 931
Delta R.T. -0.01 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	38.2	30.6	45.8		
101	9.0	6.8	10.2		
130	18.4	13.9	20.9		

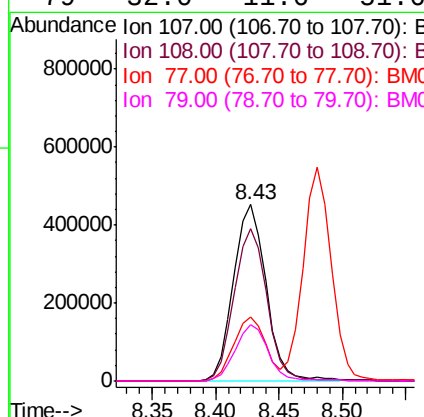
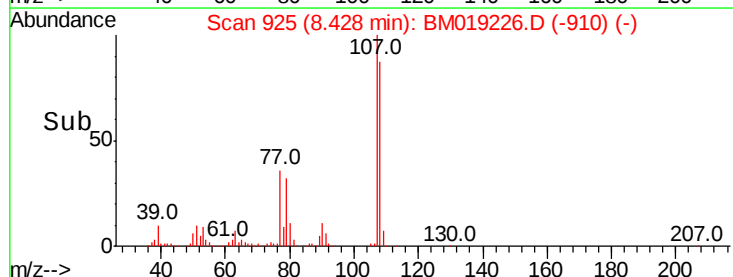
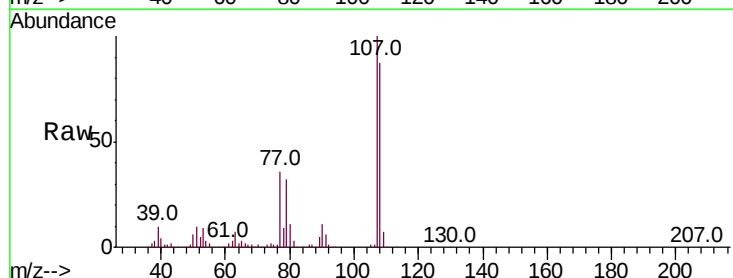
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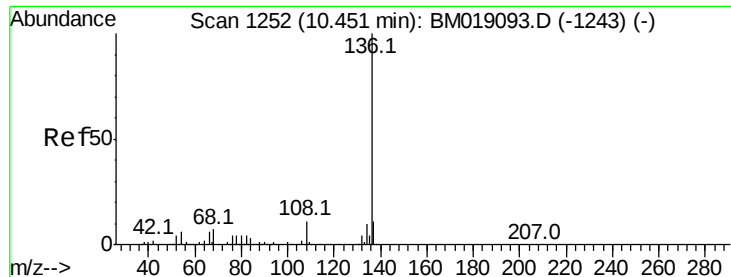
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#20
3+4-Methylphenols
Concen: 47.075 ng
RT: 8.43 min Scan# 925
Delta R.T. -0.01 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	86.6	67.0	107.0		
77	36.2	17.3	57.3		
79	32.0	11.6	51.6		





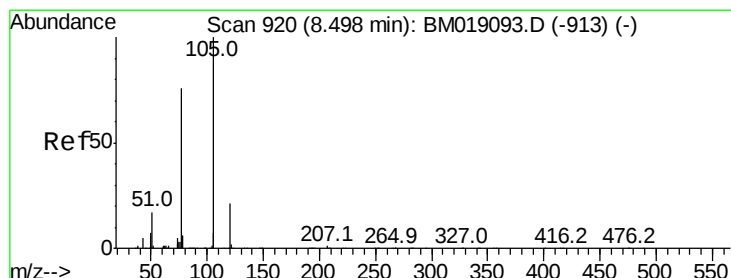
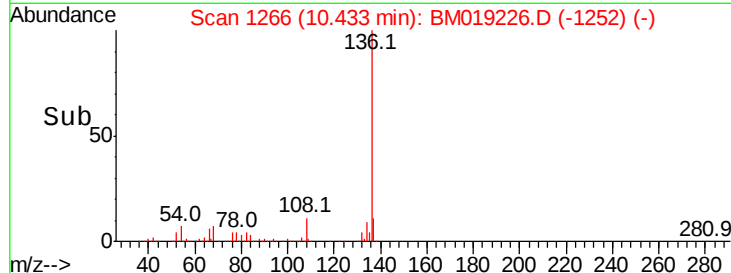
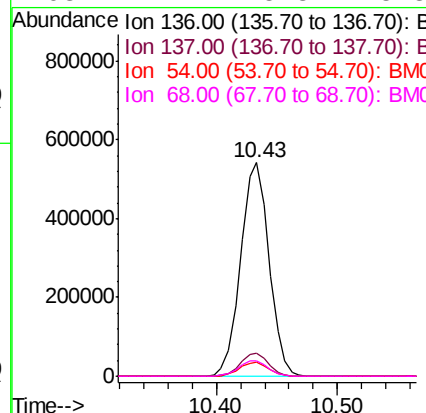
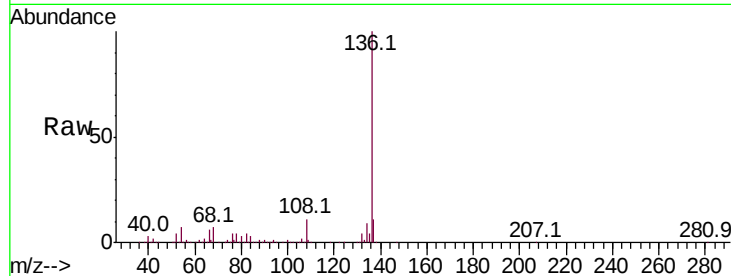
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	891011		
137	10.6		8.6	13.0
54	6.7		5.2	7.8
68	7.4		5.8	8.8

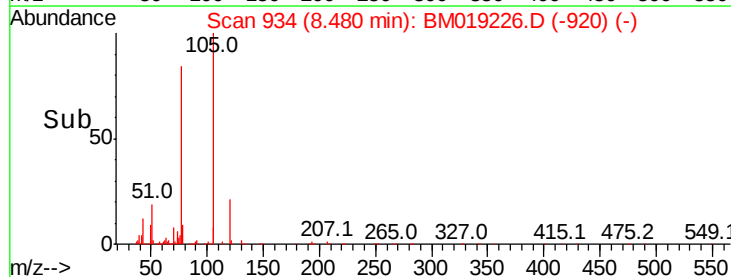
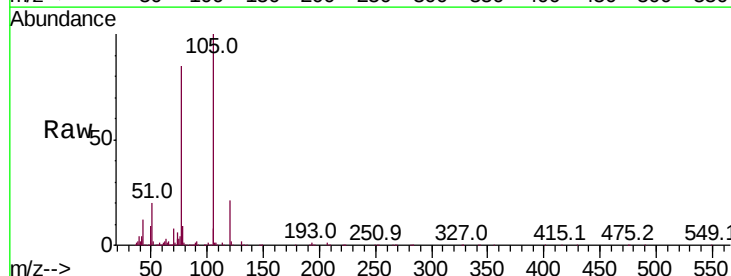
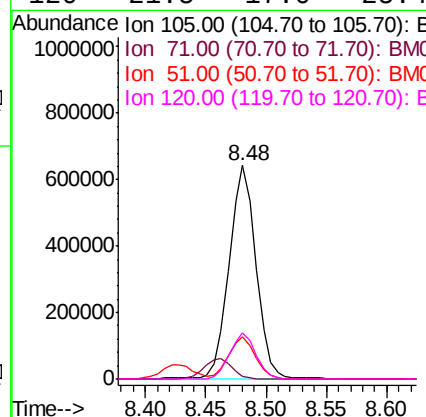
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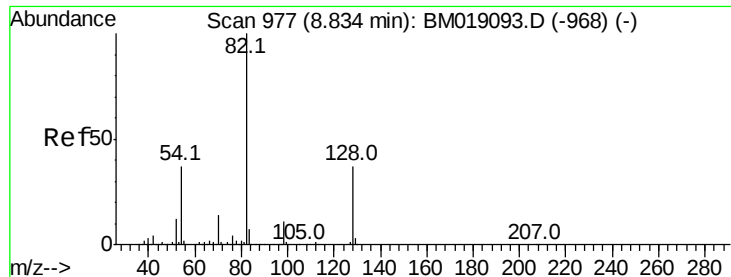
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#22
Acetophenone
Concen: 39.836 ng
RT: 8.48 min Scan# 934
Delta R.T. -0.02 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	980903		
71	1.4		0.8	1.2#
51	19.7		15.8	23.6
120	21.5		17.0	25.4





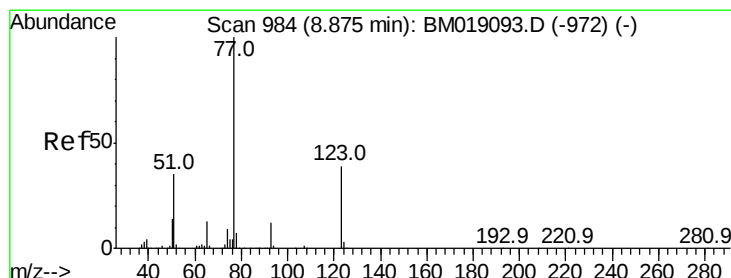
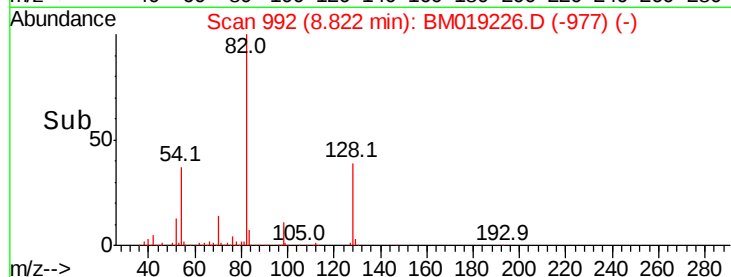
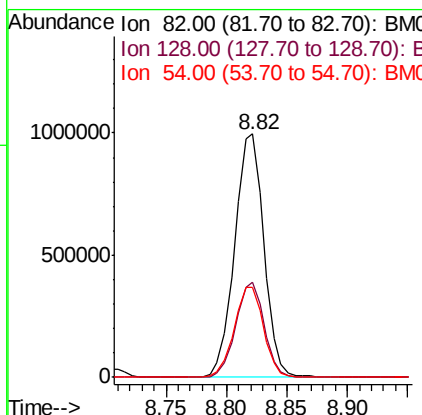
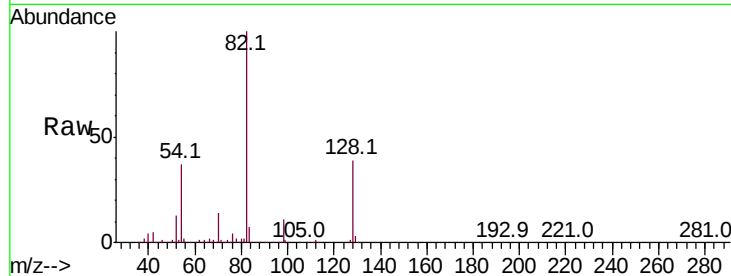
#23
Nitrobenzene-d5
Concen: 89.531 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.2	29.4	44.2
54	36.8	29.9	44.9

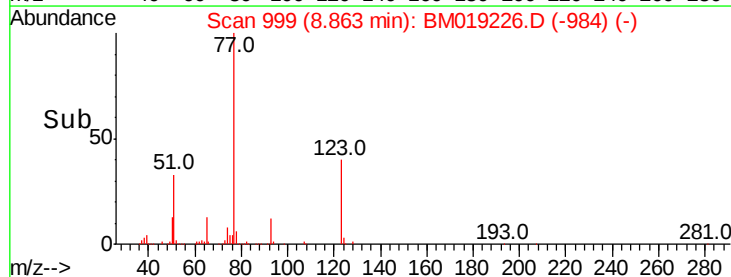
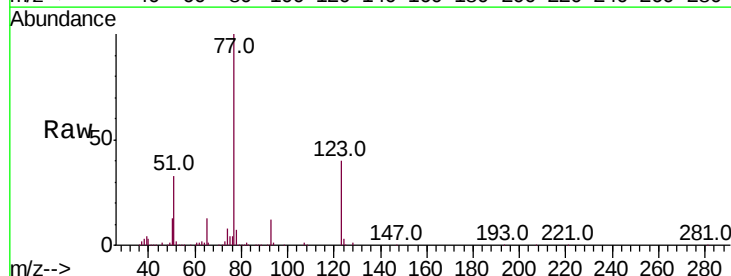
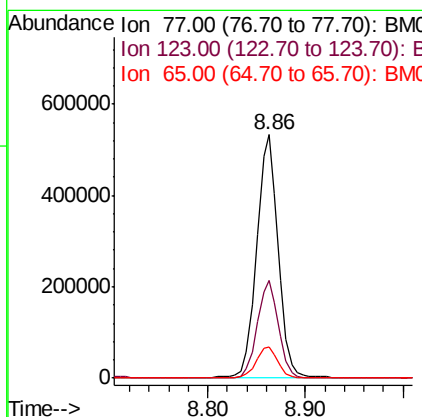
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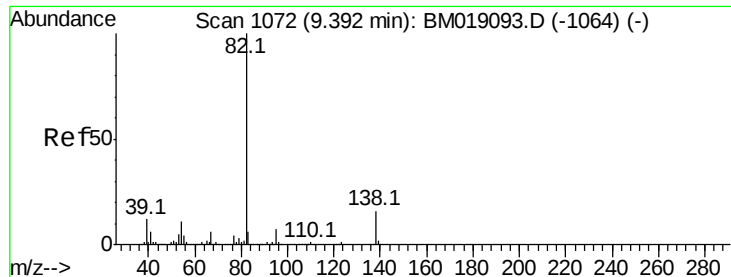
Sohil
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#24
Nitrobenzene
Concen: 42.136 ng
RT: 8.86 min Scan# 999
Delta R.T. -0.01 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.1	31.3	46.9
65	12.7	10.5	15.7





#25

Isophorone

Concen: 42.169 ng

RT: 9.38 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Instrument :

BNA_M

ClientSampleId :

PST-028-B100-031219MSD

Tot Ion: 82 Resp: 1516702

Ion Ratio Lower Upper

82 100

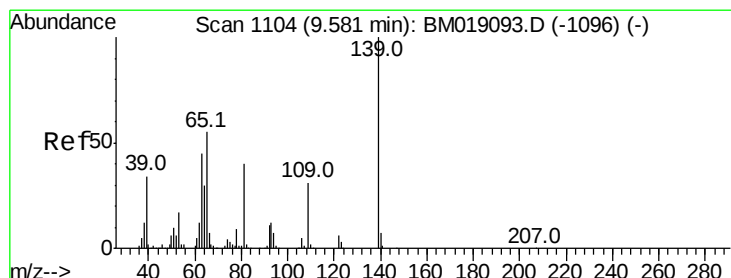
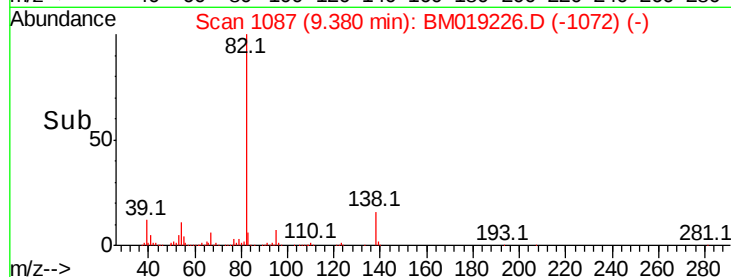
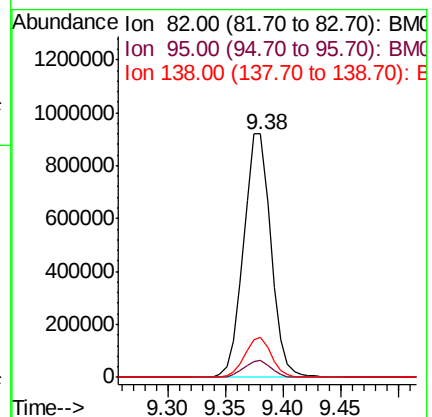
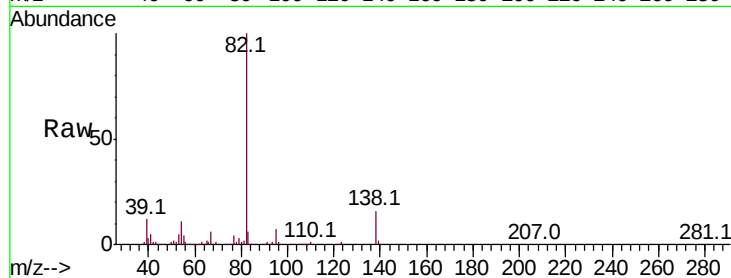
95 6.8 5.4 8.2

138 16.3 12.6 18.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.952 ng

RT: 9.56 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

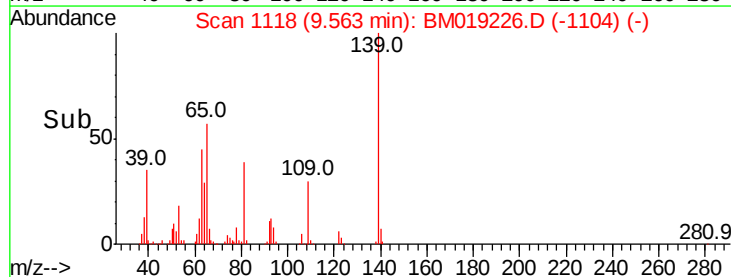
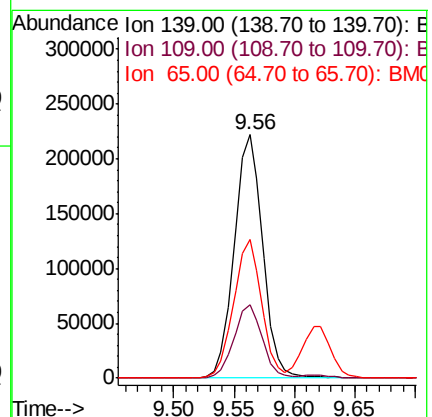
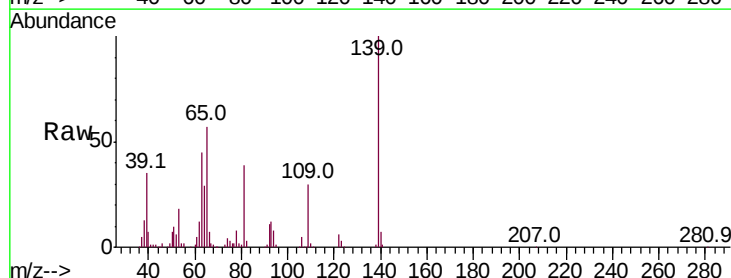
Tgt Ion: 139 Resp: 365275

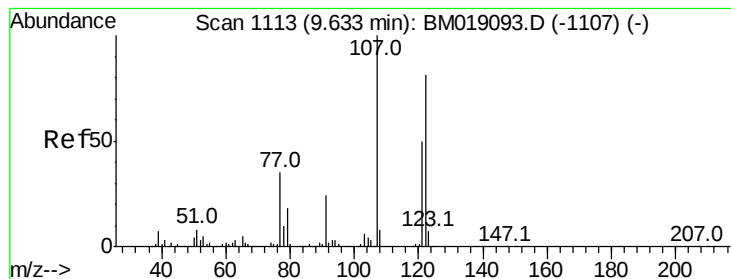
Ion Ratio Lower Upper

139 100

109 30.3 24.5 36.7

65 56.8 44.4 66.6





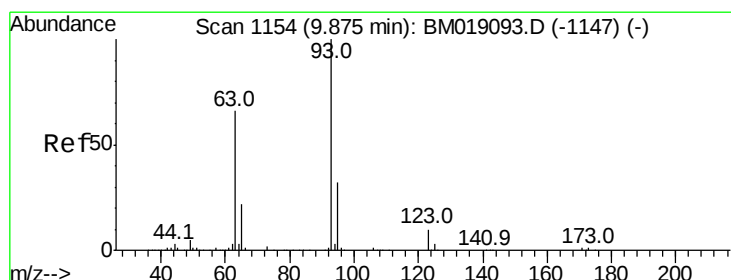
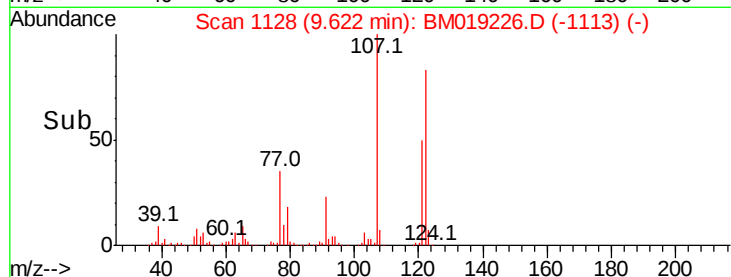
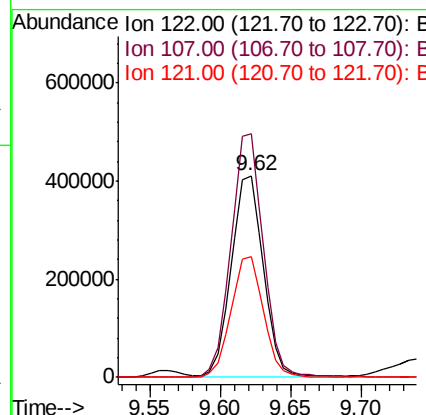
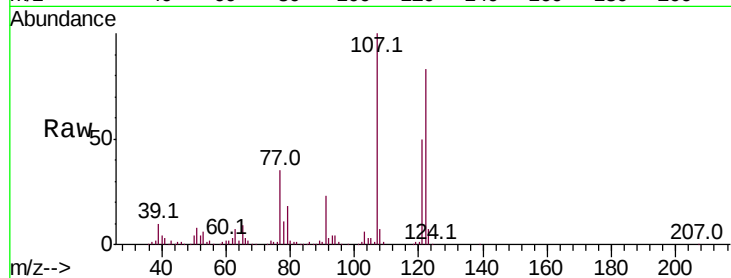
#27
2,4-Dimethylphenol
Concen: 53.589 ng
RT: 9.62 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	647370		
107	120.6	98.2	147.4	
121	59.8	48.8	73.2	

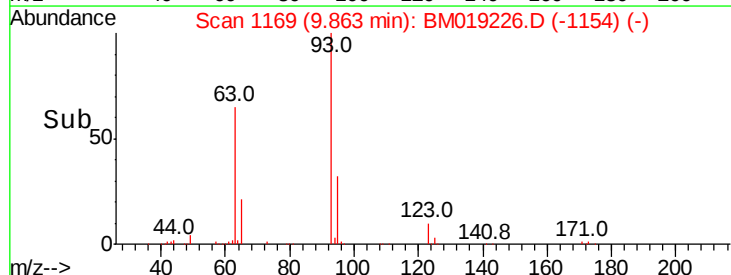
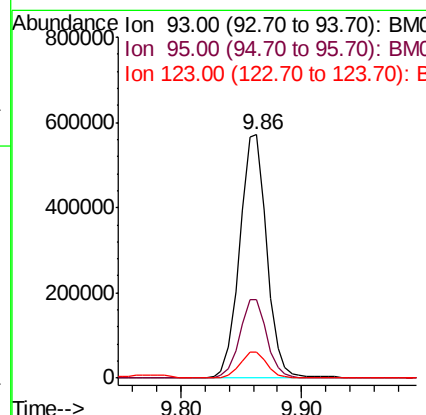
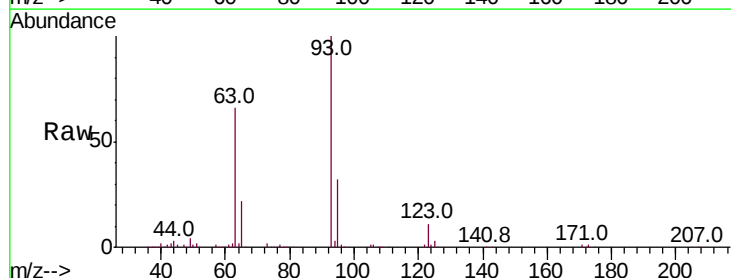
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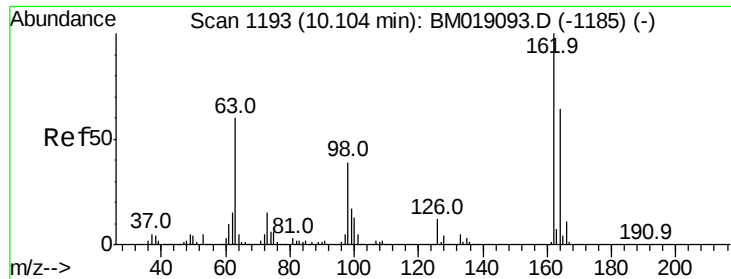
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#28
bis(2-Chloroethoxy)methane
Concen: 42.190 ng
RT: 9.86 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	898522		
95	32.4	25.8	38.8	
123	10.7	7.9	11.9	





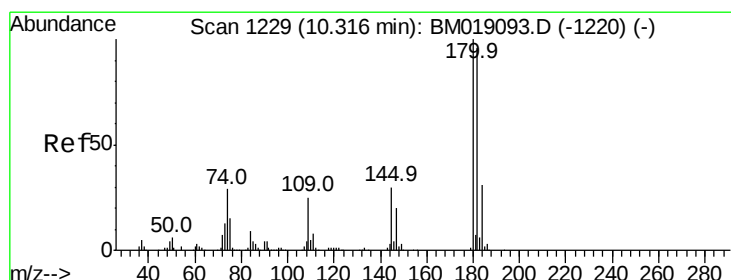
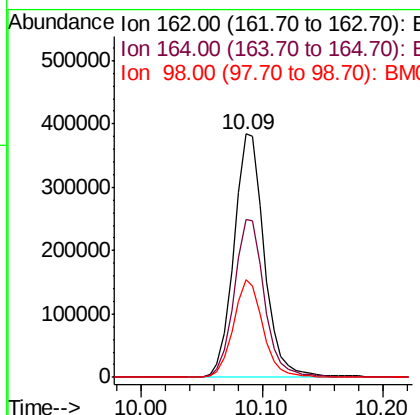
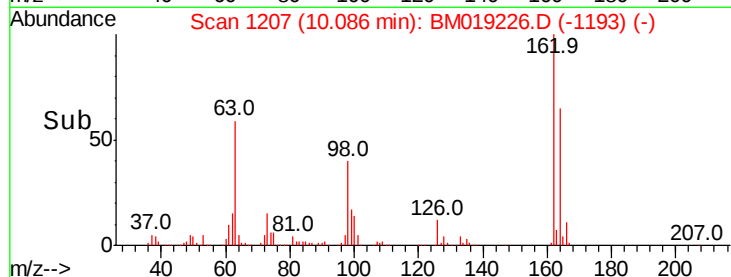
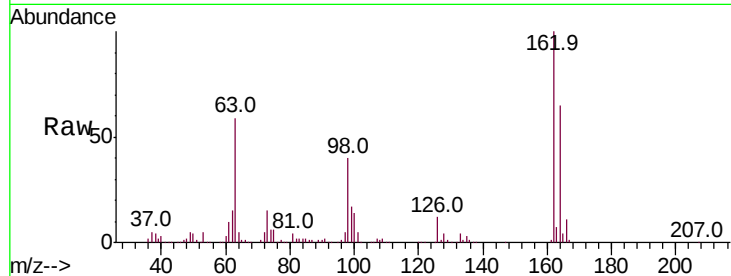
#29
2,4-Dichlorophenol
Concen: 50.238 ng
RT: 10.09 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.7	43.5	83.5
98	40.2	19.1	59.1

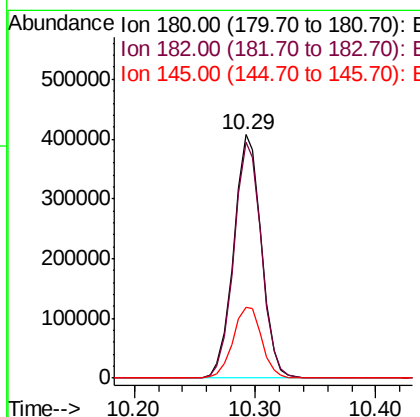
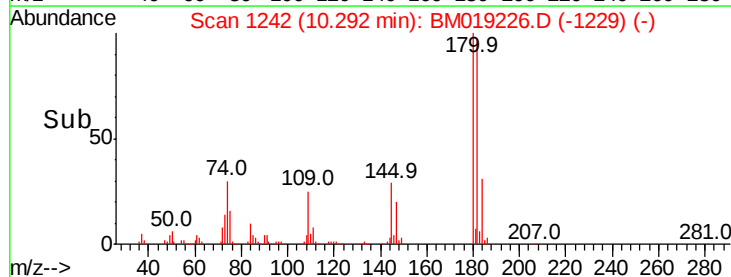
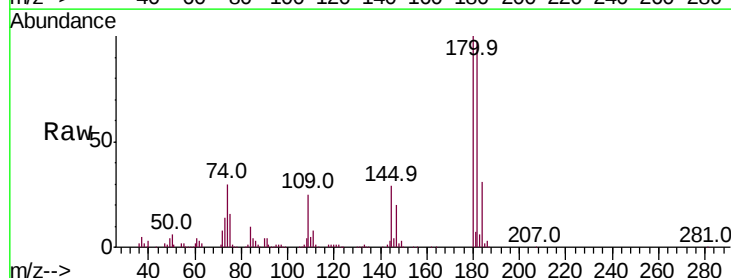
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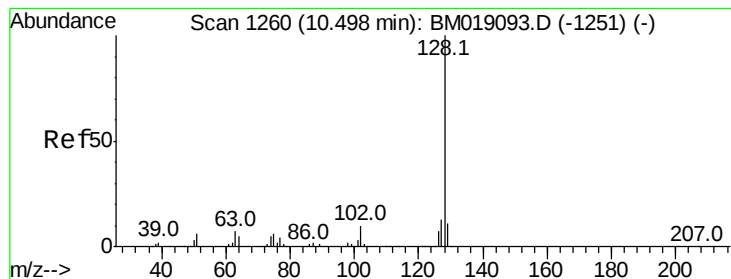
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#30
1,2,4-Trichlorobenzene
Concen: 43.058 ng
RT: 10.29 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	97.0	76.6	114.8
145	29.2	24.3	36.5





#31

Naphthalene

Concen: 42.754 ng

RT: 10.48 min Scan# 1274

Delta R.T. -0.02 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Instrument :

BNA_M

ClientSampleId :

PST-028-B100-031219MSD

Tot Ion:128 Resp: 2007846

Ion Ratio Lower Upper

128 100

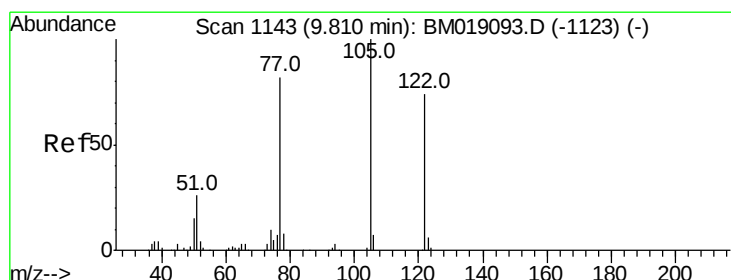
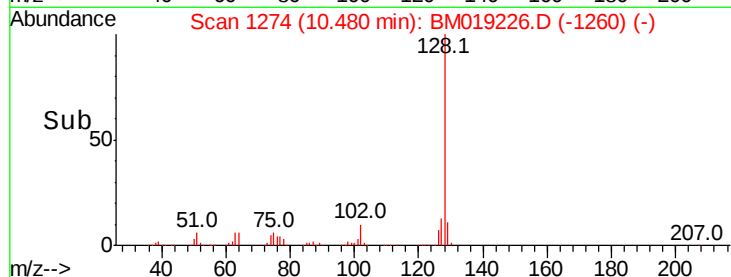
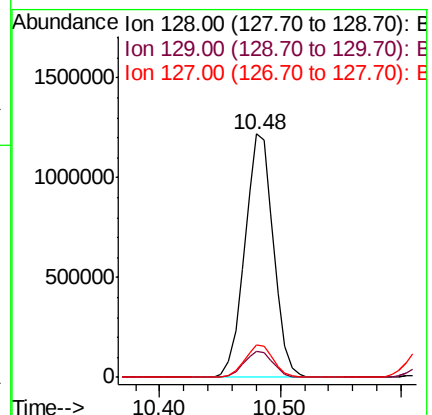
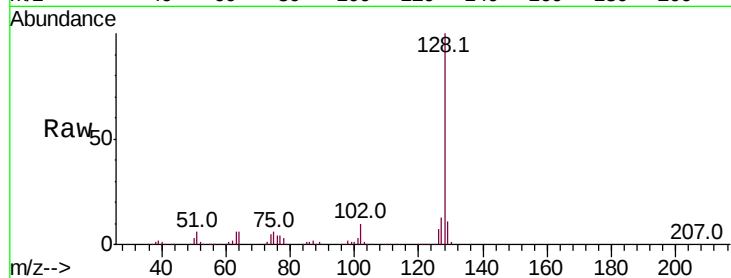
129 10.9 8.6 13.0

127 13.2 10.4 15.6

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#32

Benzoic acid

Concen: 29.164 ng m

RT: 9.78 min Scan# 1155

Delta R.T. -0.03 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

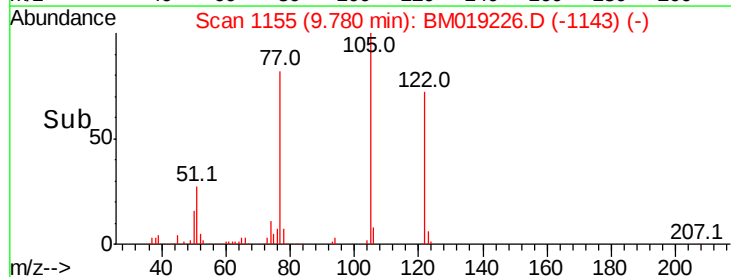
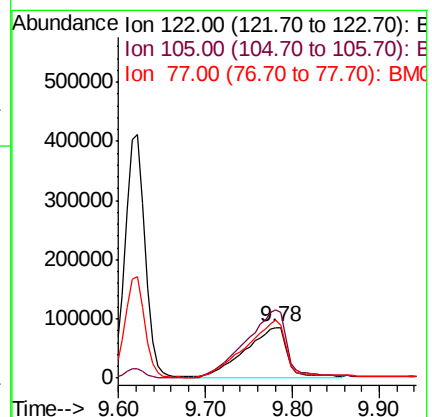
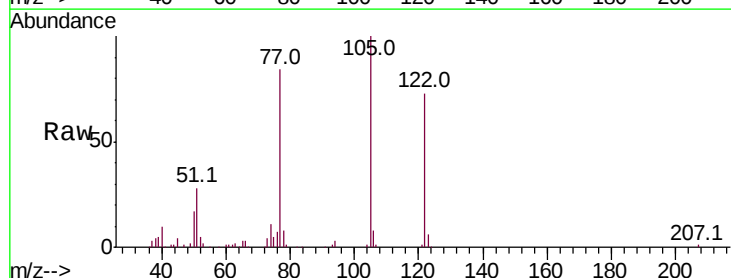
Tgt Ion:122 Resp: 298380

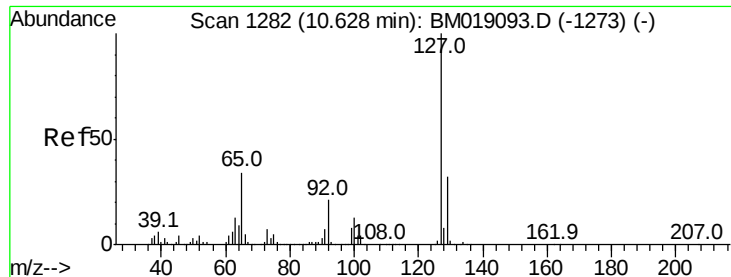
Ion Ratio Lower Upper

122 100

105 136.4 113.0 153.0

77 114.3 90.1 130.1





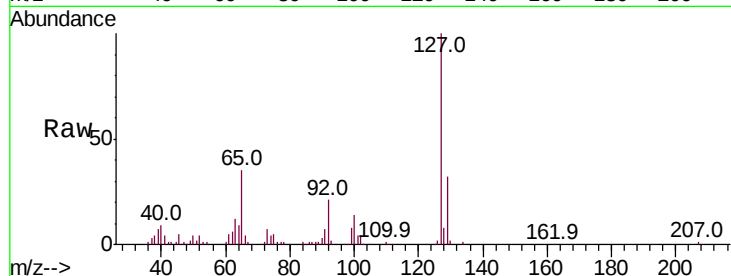
#33
4-Chloroaniline
Concen: 15.172 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.7	25.3	37.9	
65	34.6	27.4	41.2	
92	21.2	16.8	25.2	

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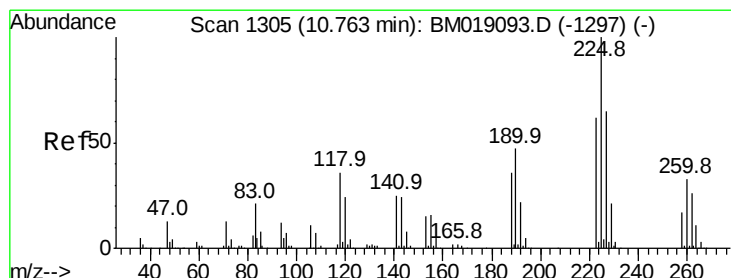
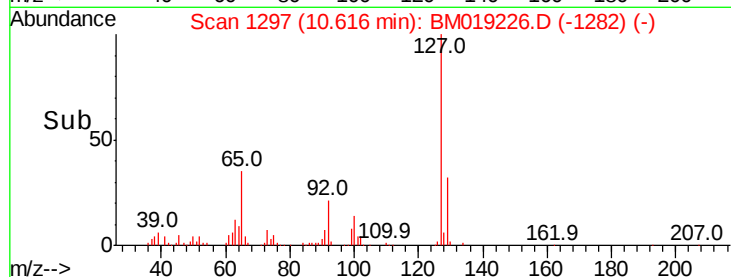
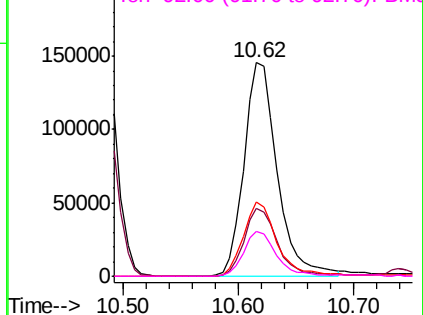
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

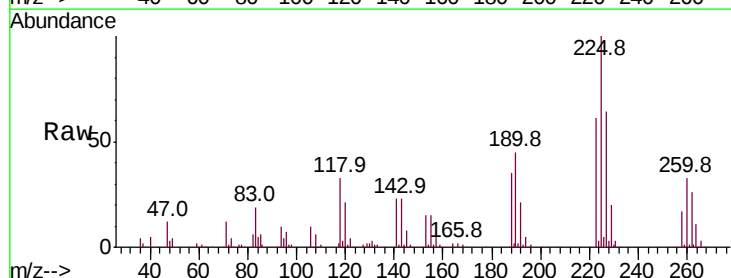
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 40.021 ng
RT: 10.75 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.9	49.4	74.0	
227	64.0	51.6	77.4	

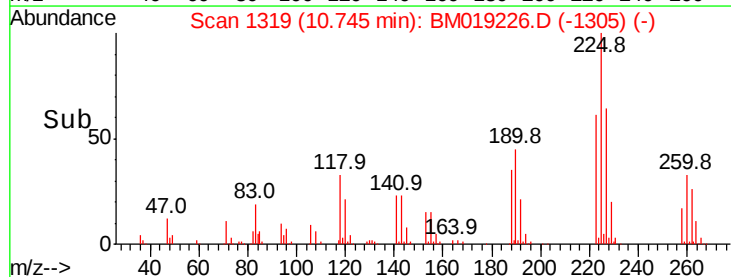
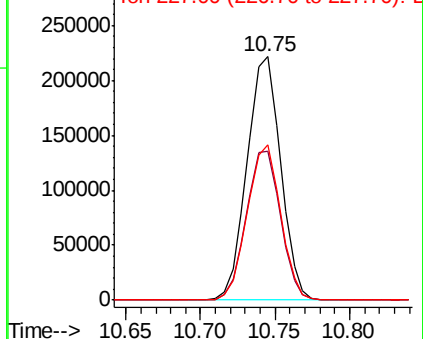


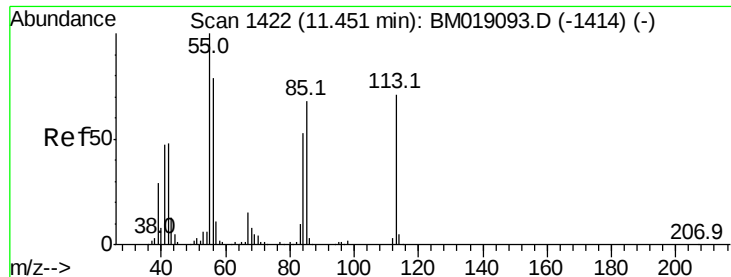
Abundance

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: 45.454 ng/ml

RT: 11.44 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Instrument :

BNA_M

ClientSampleId :

PST-028-B100-031219MSD

Tot Ion:113 Resp: 216631

Ion Ratio Lower Upper

113 100

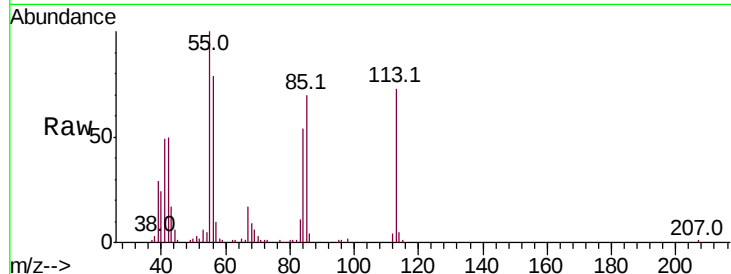
55 137.2 120.1 160.1

56 108.6 90.1 130.1

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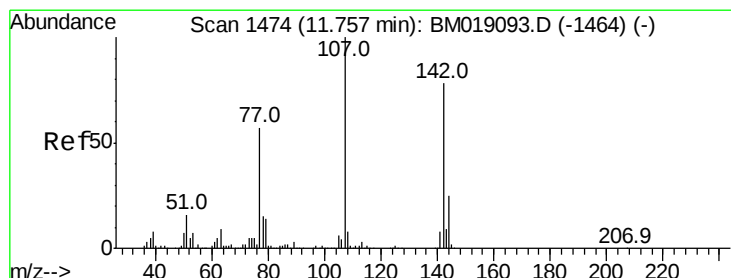
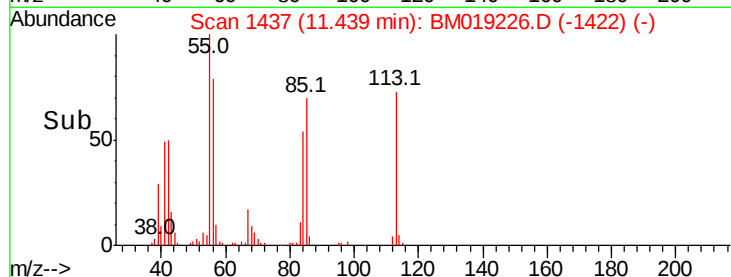
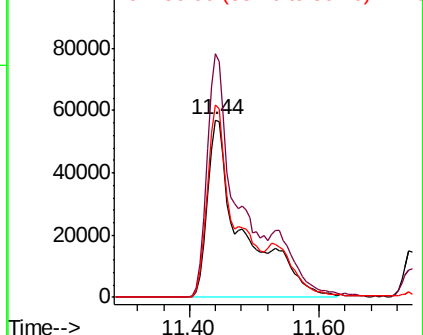


Abundance

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: 47.024 ng/ml

RT: 11.74 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

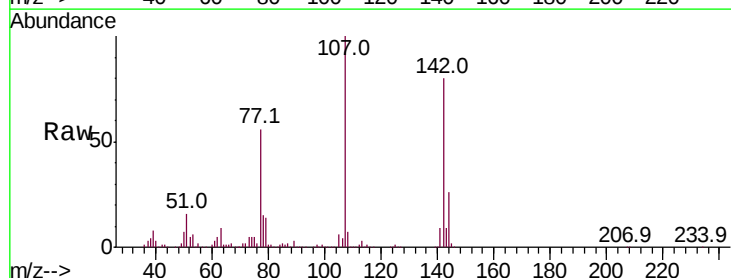
Tgt Ion:107 Resp: 776286

Ion Ratio Lower Upper

107 100

144 26.0 20.2 30.4

142 79.8 62.4 93.6

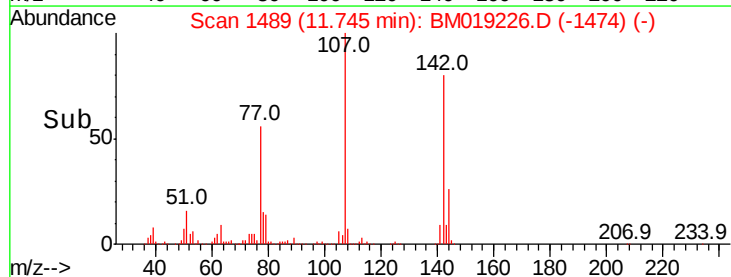
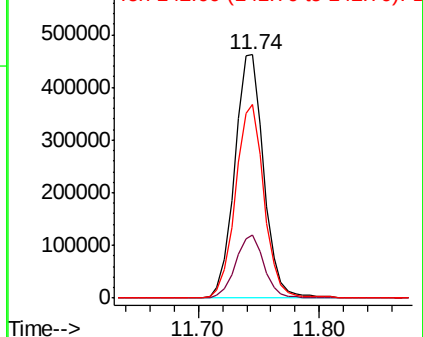


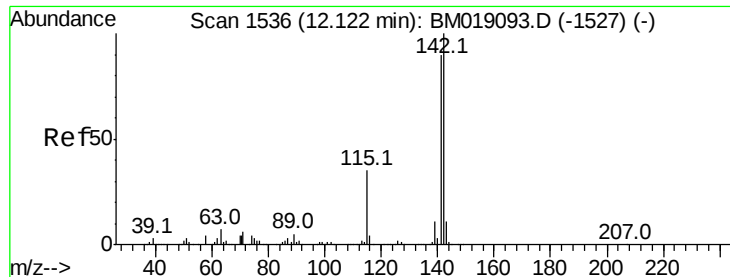
Abundance

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





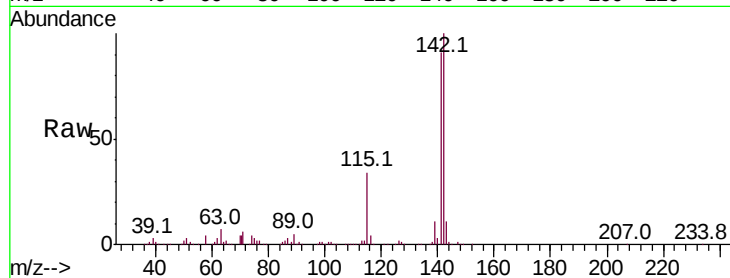
#37
2-Methylnaphthalene
Concen: 45.087 ng
RT: 12.10 min Scan# 1550
Delta R.T. -0.02 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.3	108.5
115	34.1	27.8	41.8

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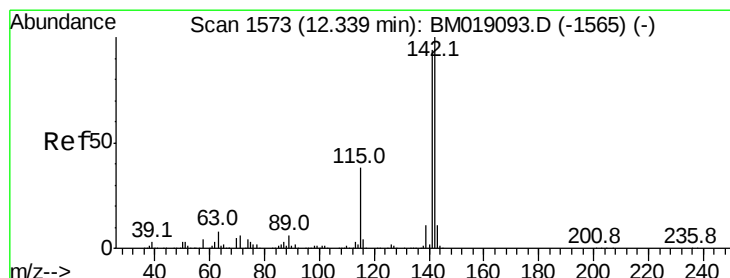
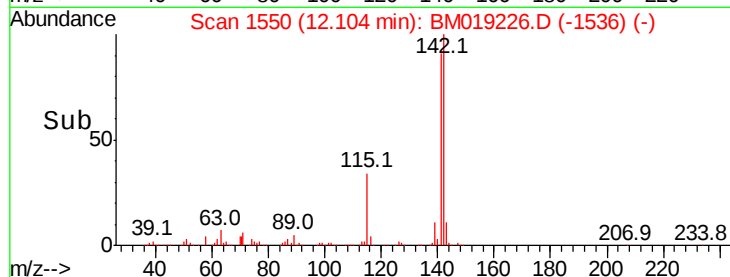
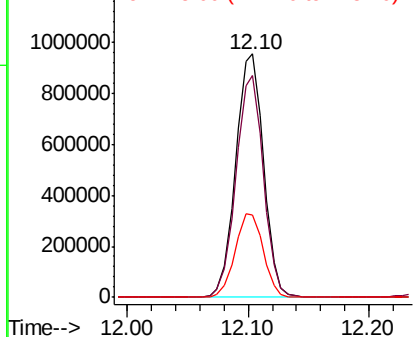


Abundance

Ion 142.00 (141.70 to 142.70): E

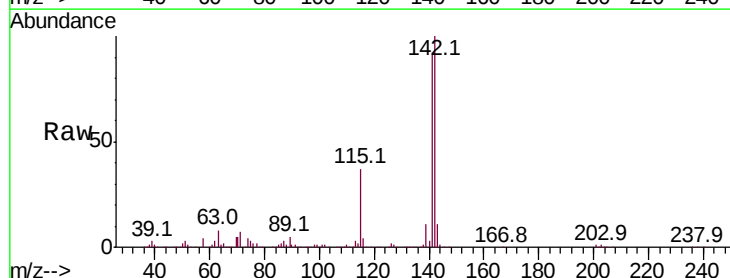
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 43.792 ng
RT: 12.32 min Scan# 1587
Delta R.T. -0.02 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.9	112.3
116	3.8	3.2	4.8

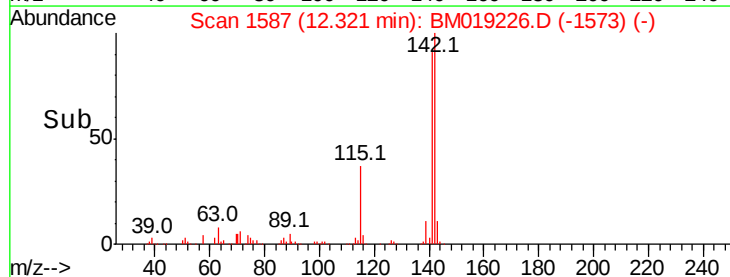
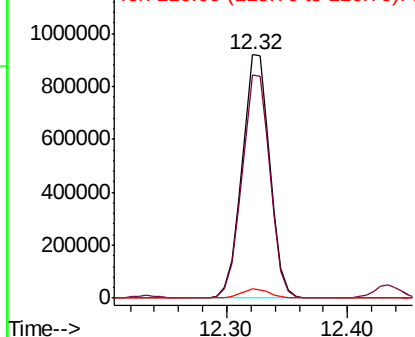


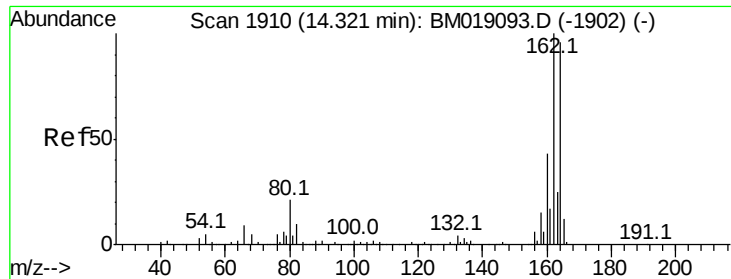
Abundance

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: 14.30 min Scan# 1924

Delta R.T. -0.02 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Instrument :

BNA_M

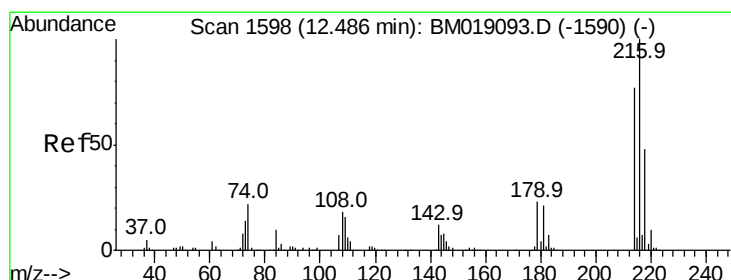
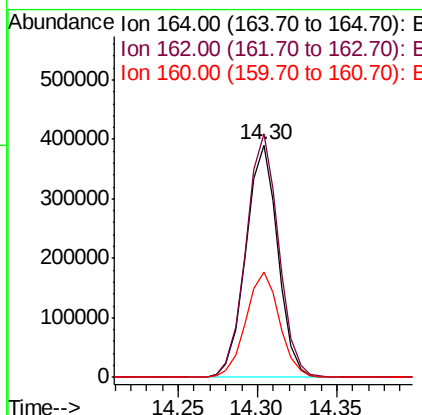
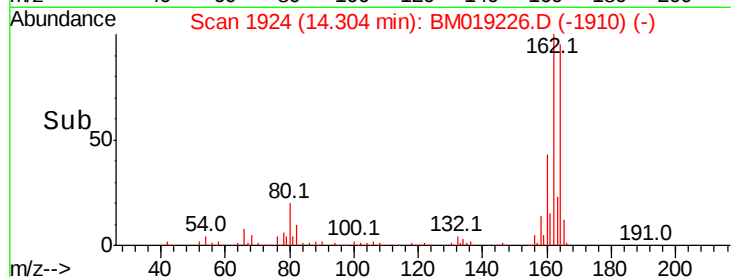
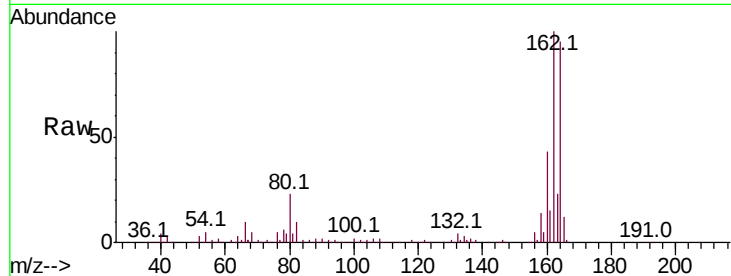
ClientSampleId :

PST-028-B100-031219MSD

Tot Ion:	164	Resp:	546956
Ion Ratio	Lower	Upper	
164	100		
162	104.9	83.5	125.3
160	45.2	36.3	54.5

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.944 ng

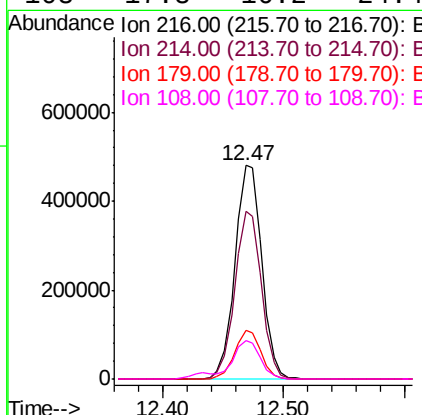
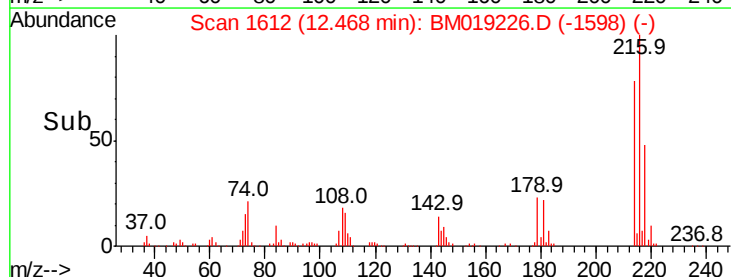
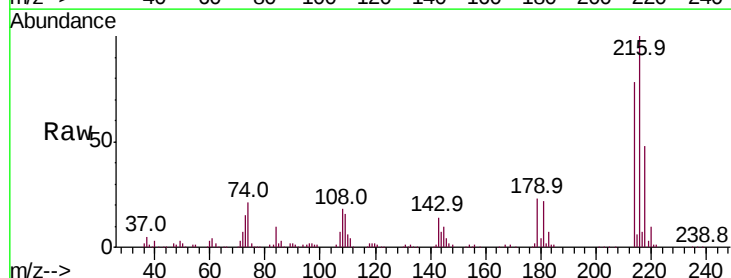
RT: 12.47 min Scan# 1612

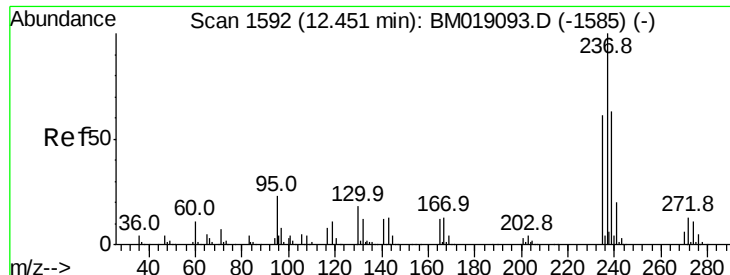
Delta R.T. -0.02 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Tgt Ion:	216	Resp:	743005
Ion Ratio	Lower	Upper	
216	100		
214	78.1	62.9	94.3
179	22.3	18.0	27.0
108	17.8	16.2	24.4





#41

Hexachlorocyclopentadiene

Concen: 78.215 ng

RT: 12.43 min Scan# 1606

Delta R.T. -0.02 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Instrument :

BNA_M

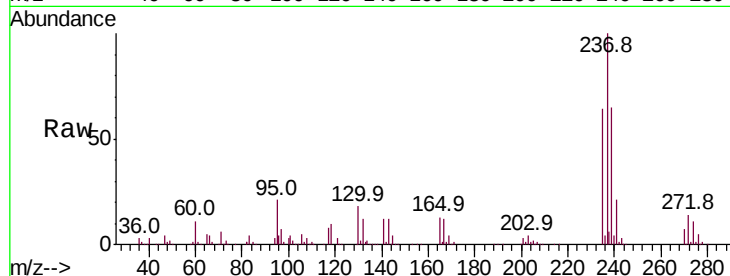
ClientSampleId :

PST-028-B100-031219MSD

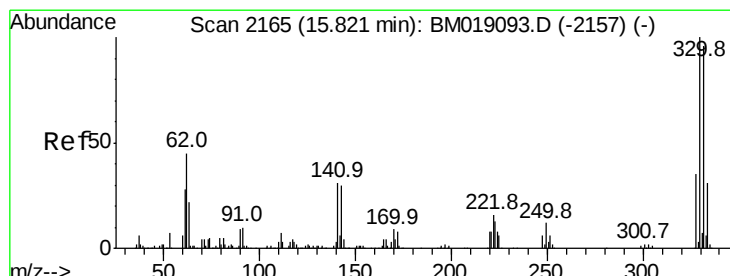
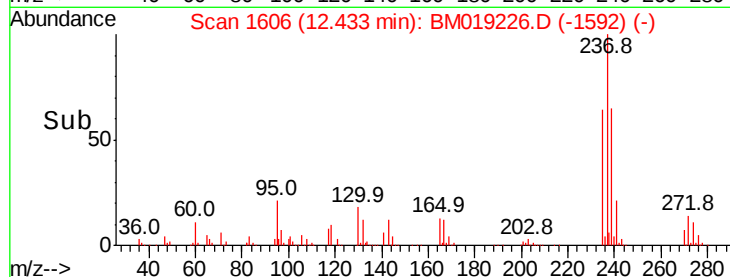
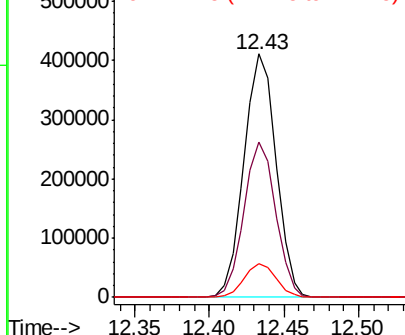
Tot Ion:	237	Resp:	612966
Ion Ratio	Lower	Upper	
237	100		
235	63.8	41.3	81.3
272	13.9	0.0	33.1

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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: 150.413 ng

RT: 15.81 min Scan# 2180

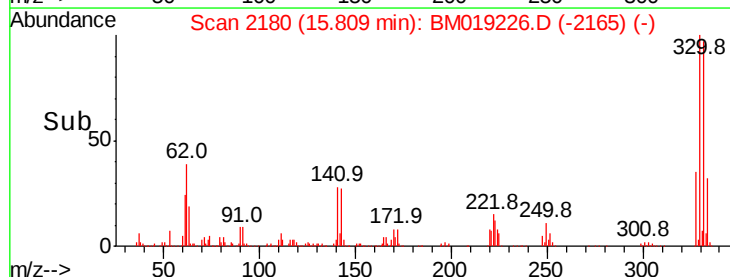
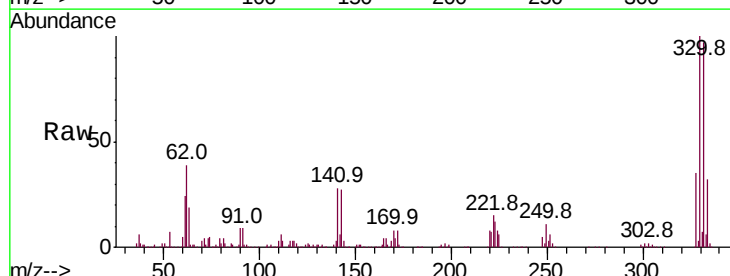
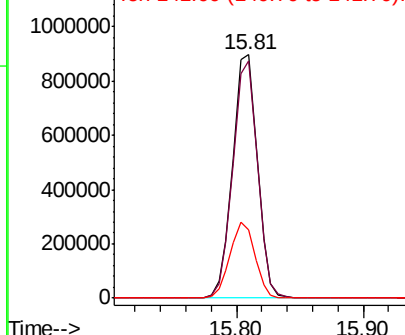
Delta R.T. -0.01 min

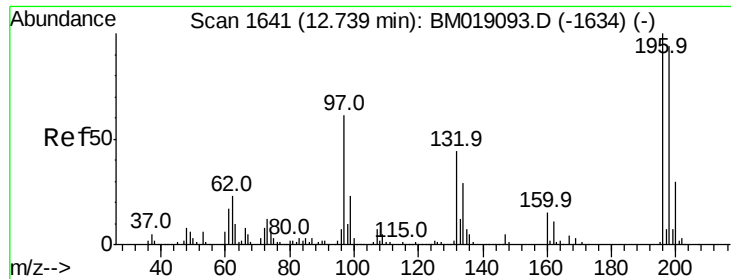
Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Tgt Ion:	330	Resp:	1214678
Ion Ratio	Lower	Upper	
330	100		
332	96.6	76.8	115.2
141	31.6	27.0	40.4

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





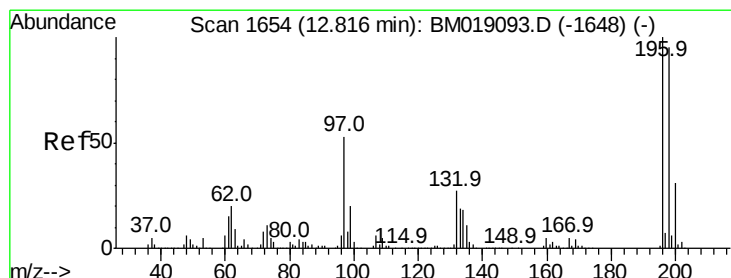
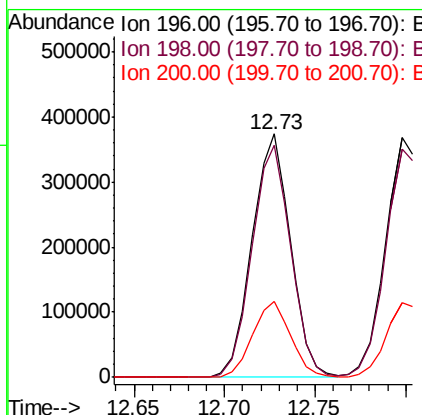
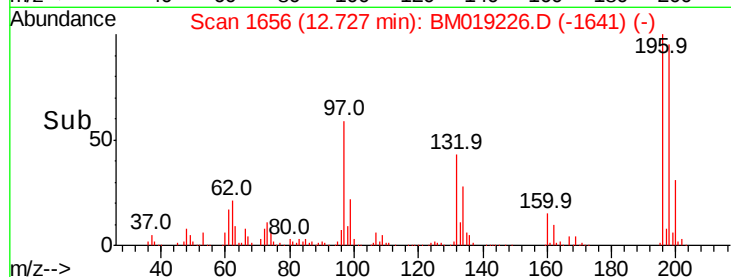
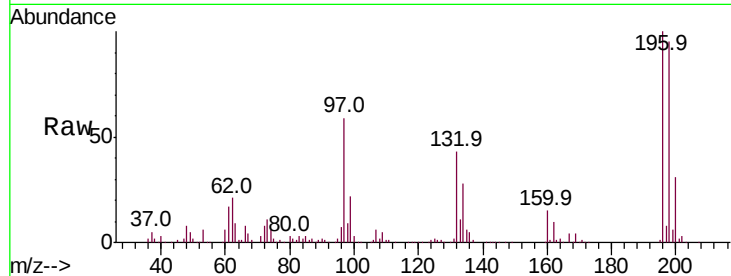
#43
 2,4,6-Trichlorophenol
 Concen: 49.244 ng
 RT: 12.73 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BM019226.D
 Acq: 18 Mar 2019 21:29

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B100-031219MSD

Tot Ion:	196	Resp:	550602
Ion Ratio	Lower	Upper	
196	100		
198	95.2	75.4	113.0
200	31.1	24.2	36.2

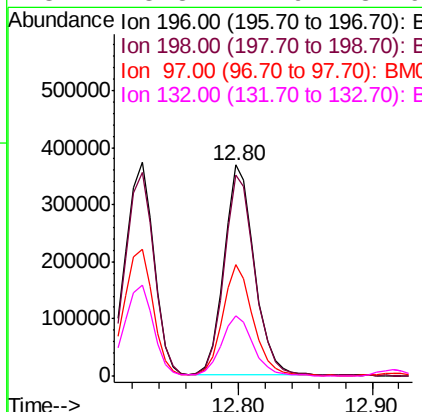
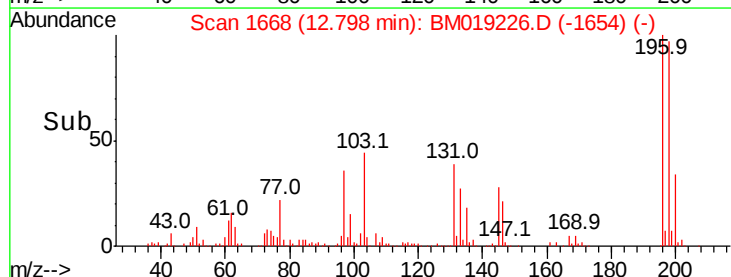
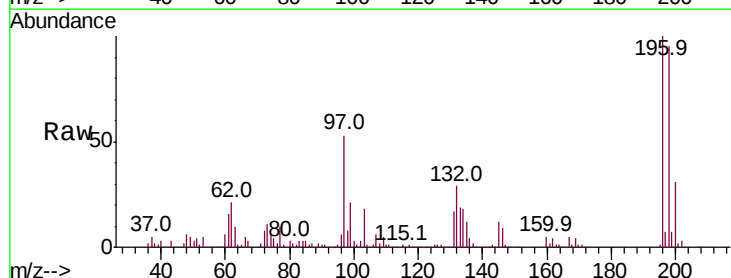
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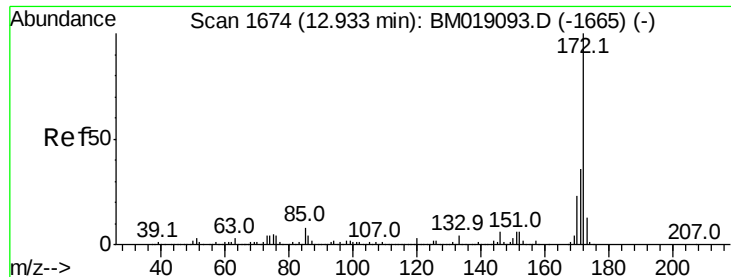
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#44
 2,4,5-Trichlorophenol
 Concen: 48.860 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.02 min
 Lab File: BM019226.D
 Acq: 18 Mar 2019 21:29

Tgt Ion:	196	Resp:	584181
Ion Ratio	Lower	Upper	
196	100		
198	95.2	75.9	113.9
97	52.8	42.5	63.7
132	28.8	21.9	32.9





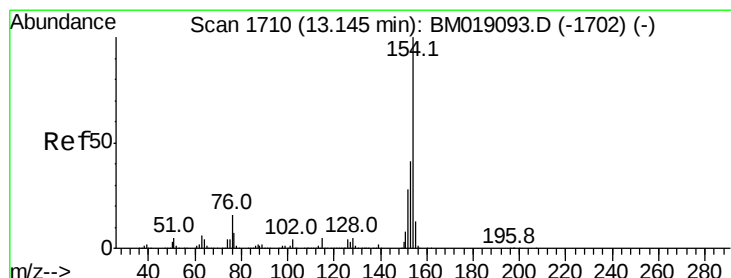
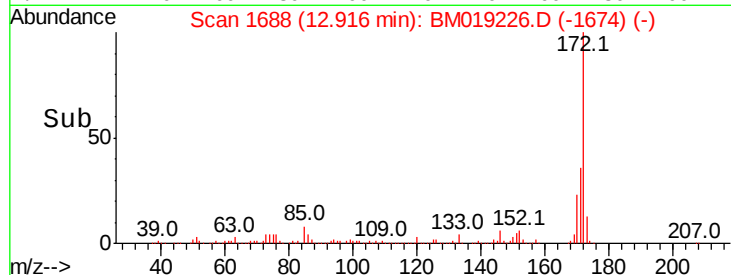
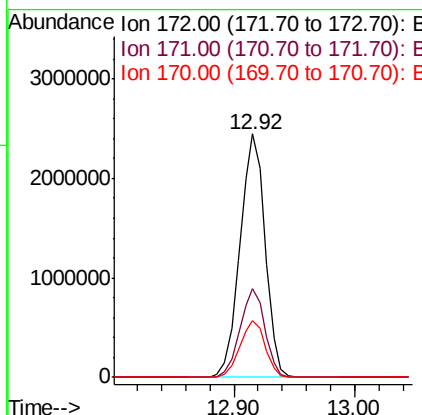
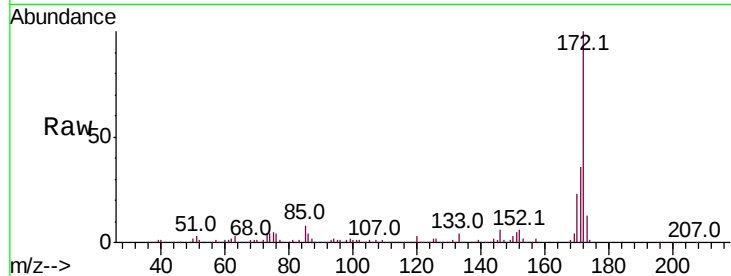
#45
2-Fluorobiphenyl
Concen: 84.371 ng
RT: 12.92 min Scan# 1688
Delta R.T. -0.02 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	42.8
170	23.5	18.6	28.0

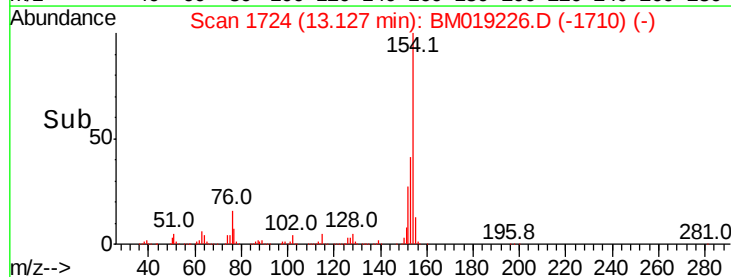
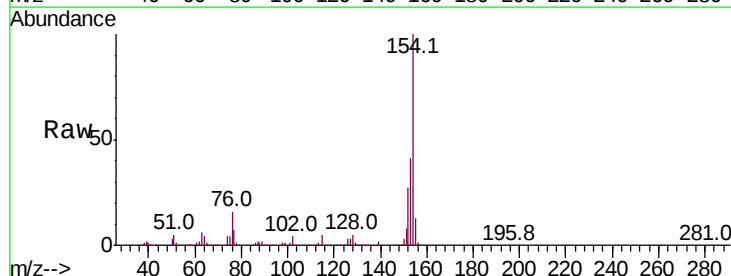
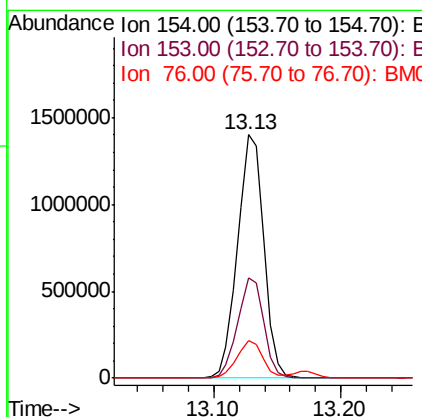
Manual Integrations
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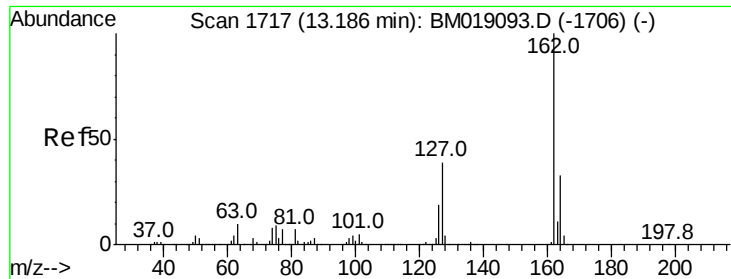
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#46
1,1'-Biphenyl
Concen: 41.872 ng
RT: 13.13 min Scan# 1724
Delta R.T. -0.02 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.5	61.5
76	15.6	0.0	35.8





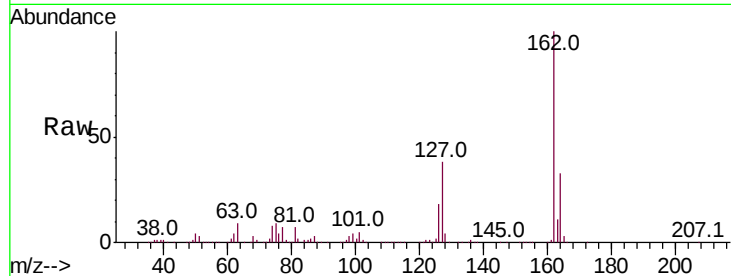
#47
2-Chloronaphthalene
Concen: 43.949 ng
RT: 13.17 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	31.2	46.8
164	32.9	26.3	39.5

Manual Integrations
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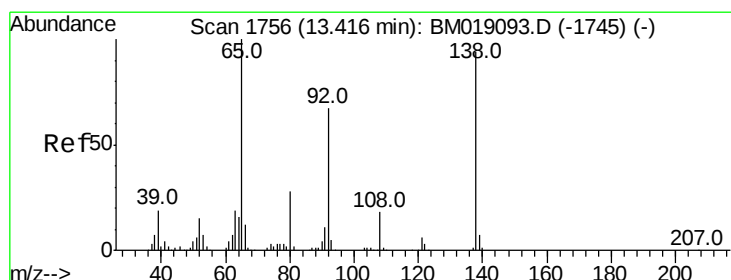
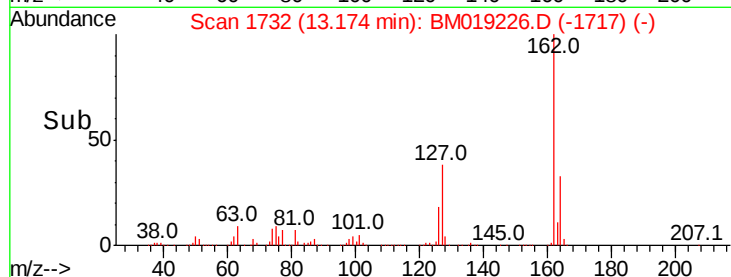
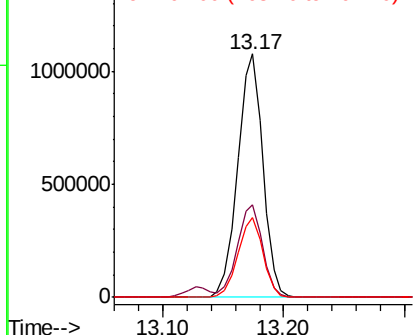


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 45.147 ng
RT: 13.40 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

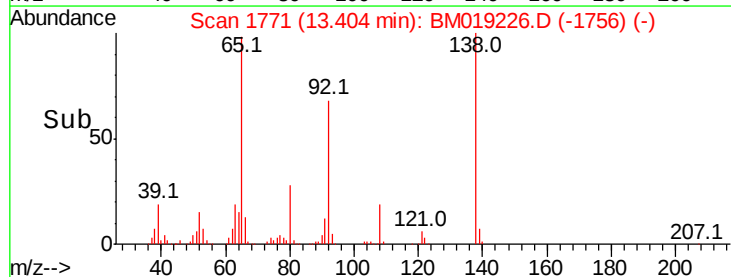
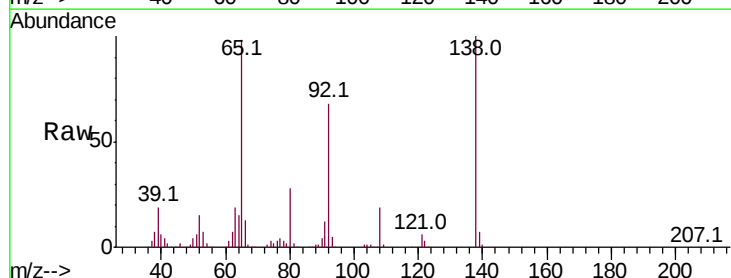
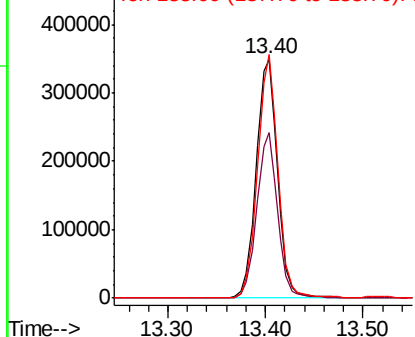
Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.4	53.4	80.2
138	102.0	74.9	112.3

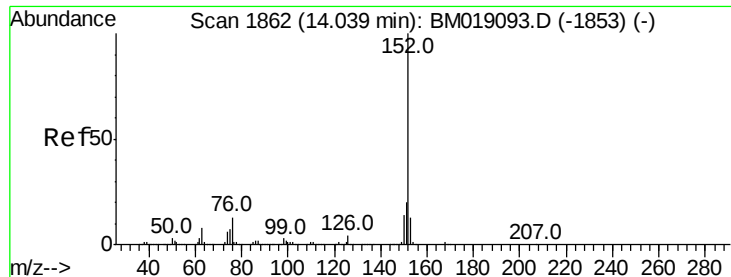
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.388 ng

RT: 14.03 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Instrument :

BNA_M

ClientSampleId :

PST-028-B100-031219MSD

Tot Ion:152 Resp: 2555404

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

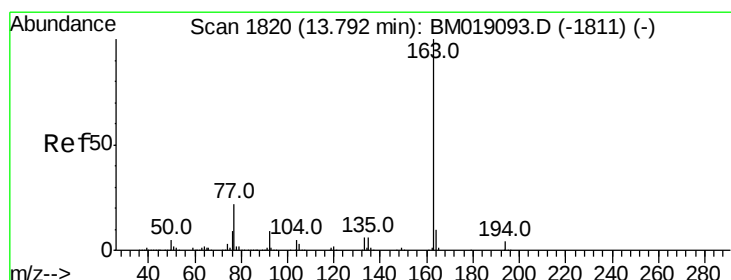
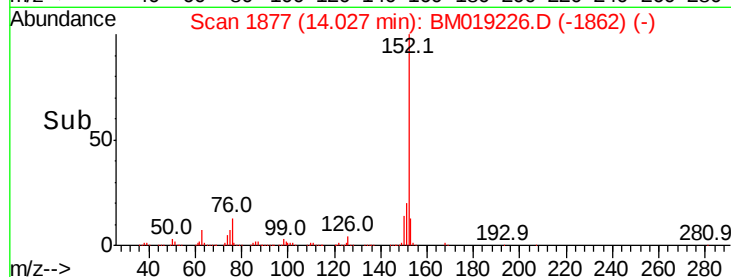
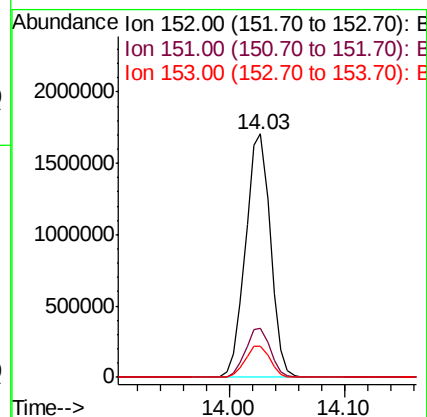
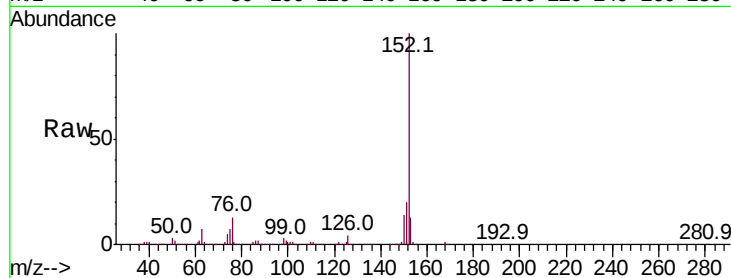
153 12.8 10.6 15.8

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#50

Dimethylphthalate

Concen: 52.126 ng

RT: 13.77 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

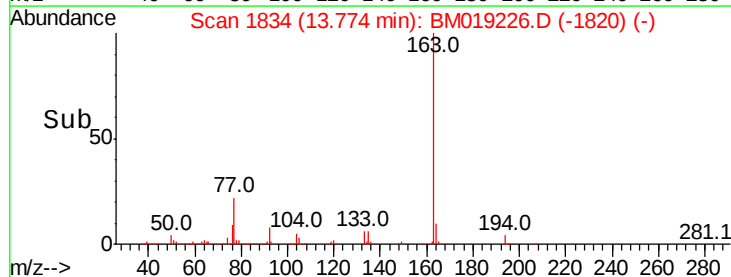
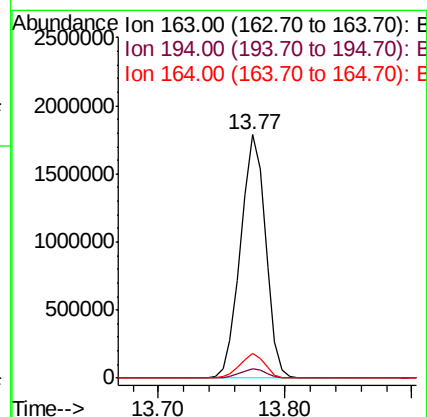
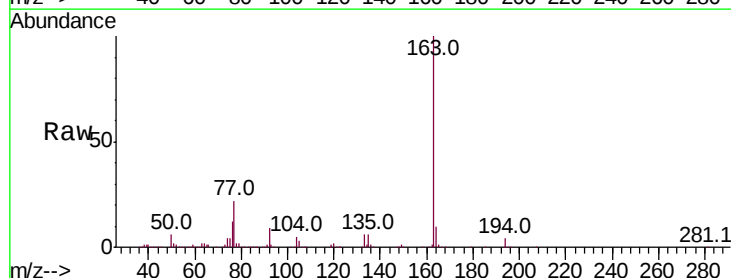
Tgt Ion:163 Resp: 2438936

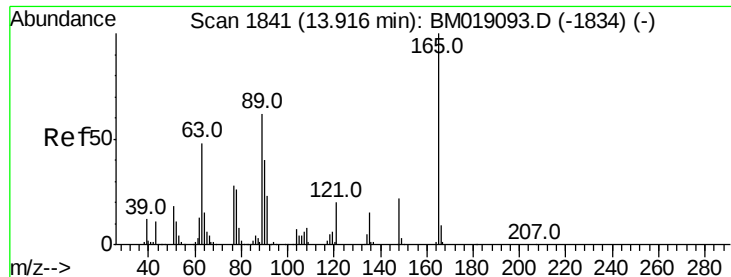
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.0 7.7 11.5





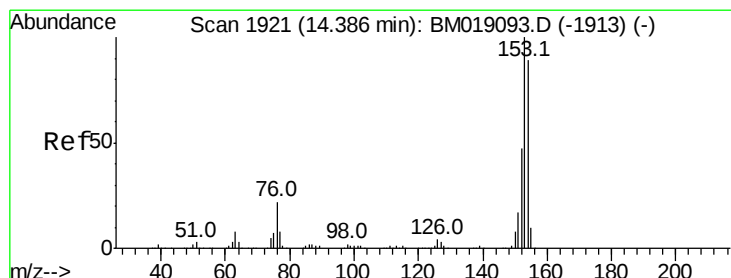
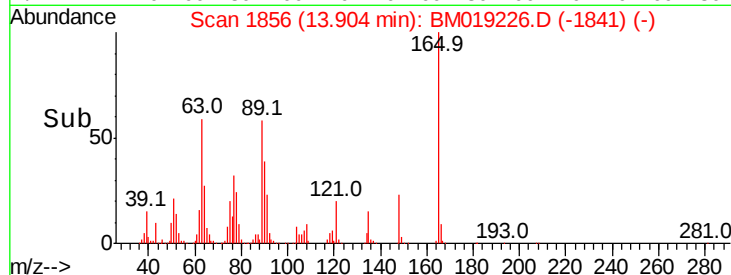
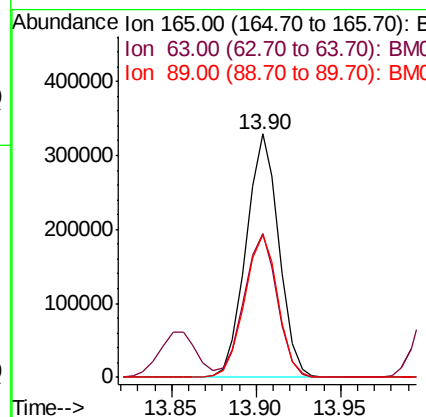
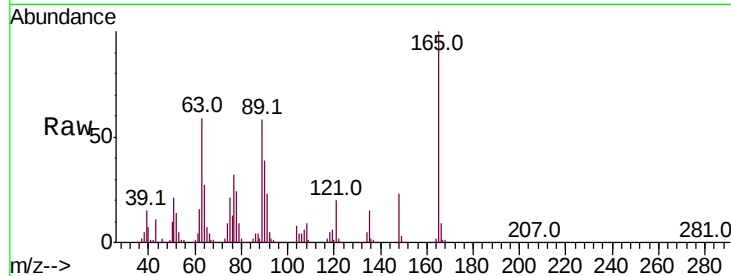
#51
2,6-Dinitrotoluene
Concen: 43.972 ng
RT: 13.90 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.8	48.2	72.4
89	58.4	49.3	73.9

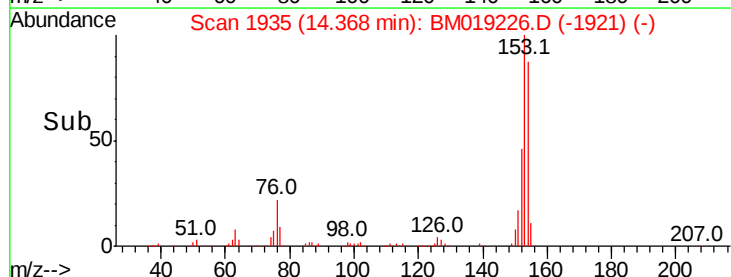
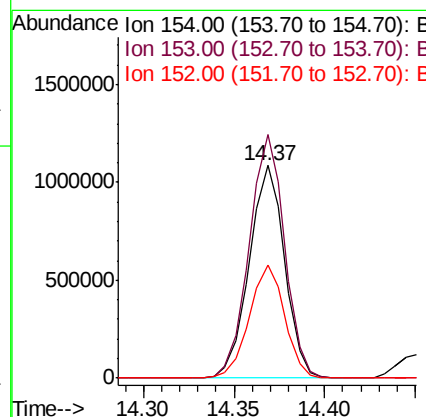
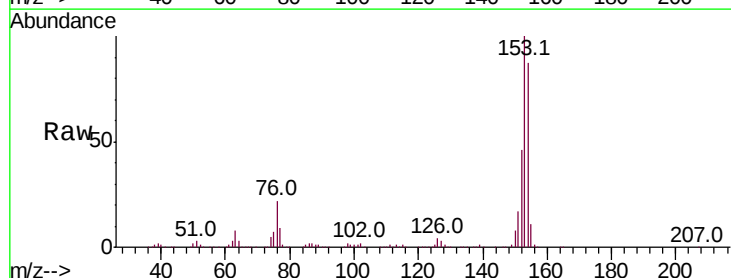
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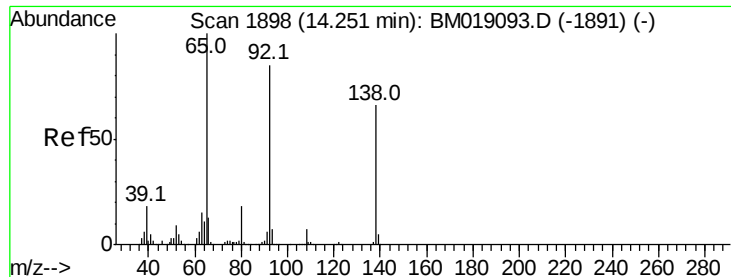
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#52
Acenaphthene
Concen: 42.514 ng
RT: 14.37 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.7	90.1	135.1
152	53.2	42.5	63.7





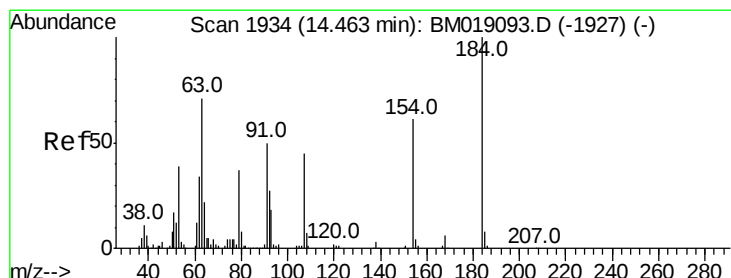
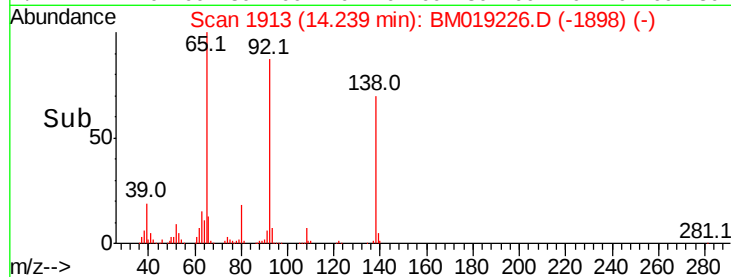
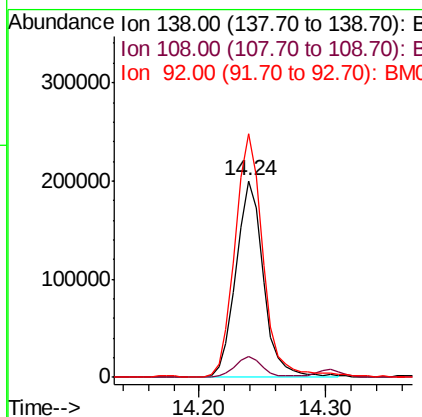
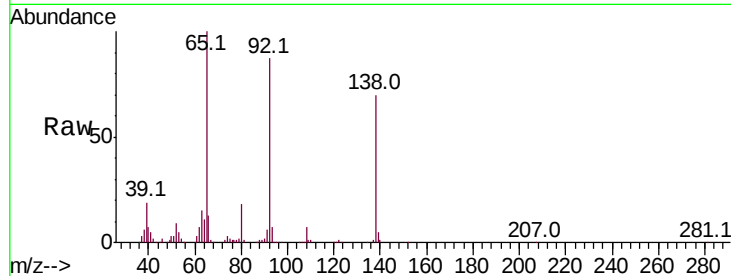
#53
3-Nitroaniline
Concen: 28.060 ng
RT: 14.24 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	9.0	13.4
92	123.7	102.6	153.8

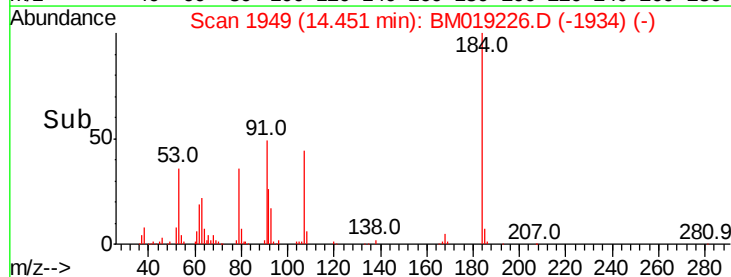
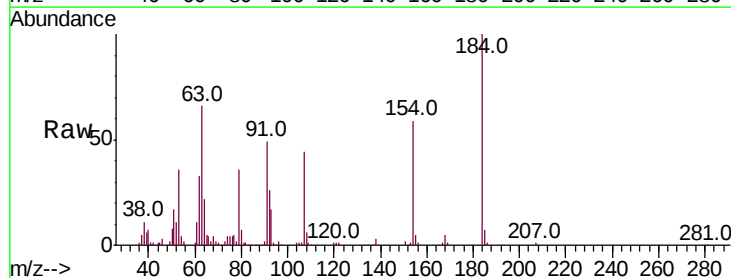
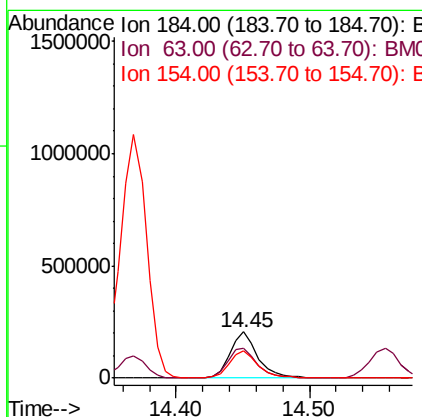
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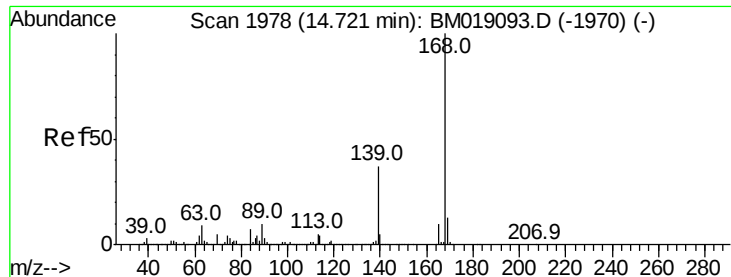
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#54
2,4-Dinitrophenol
Concen: 51.237 ng
RT: 14.45 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.5	56.7	85.1
154	59.3	49.3	73.9





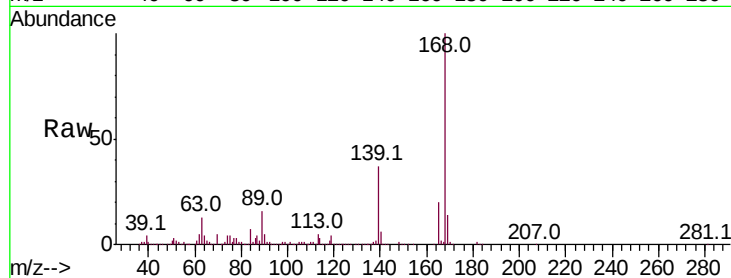
#55
Dibenzofuran
Concen: 43.264 ng
RT: 14.70 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.1	45.1
169	13.6	10.6	16.0

Manual Integrations
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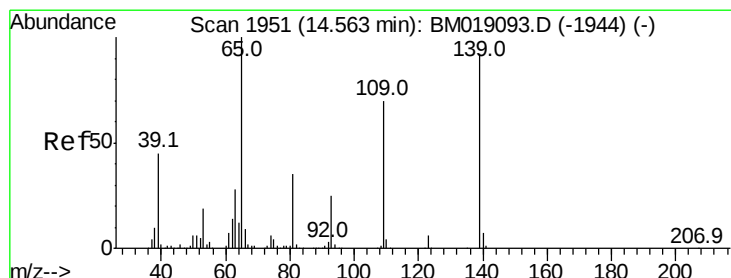
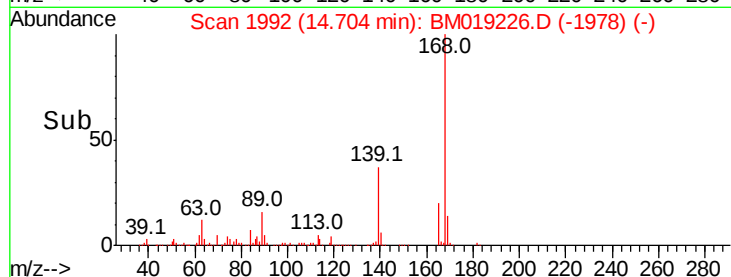
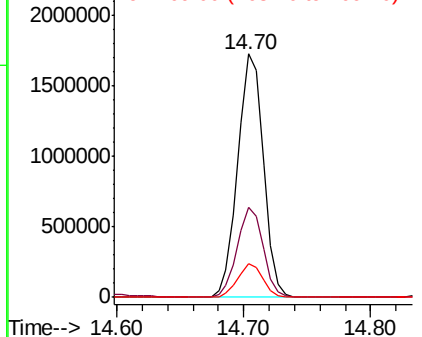


Abundance

Ion 168.00 (167.70 to 168.70): E

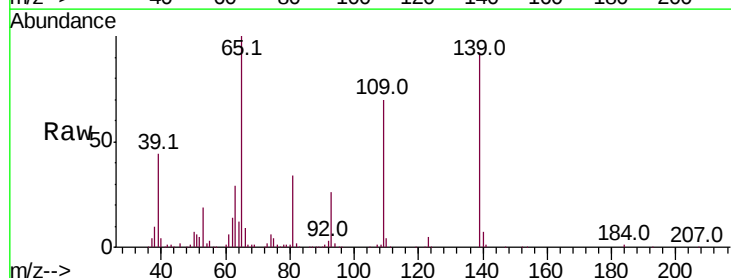
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 79.787 ng
RT: 14.56 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.2	56.3	96.3
65	108.1	89.2	129.2

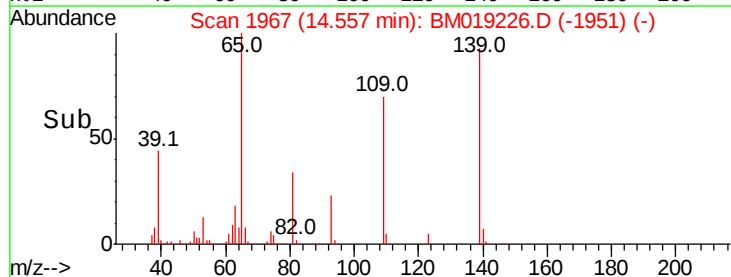
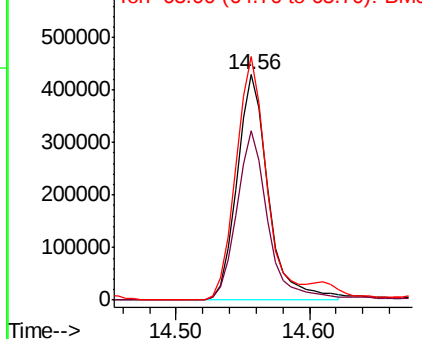


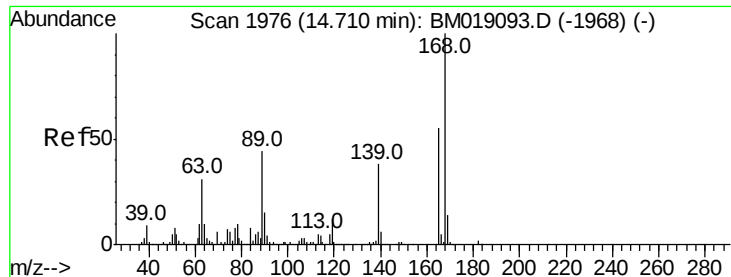
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





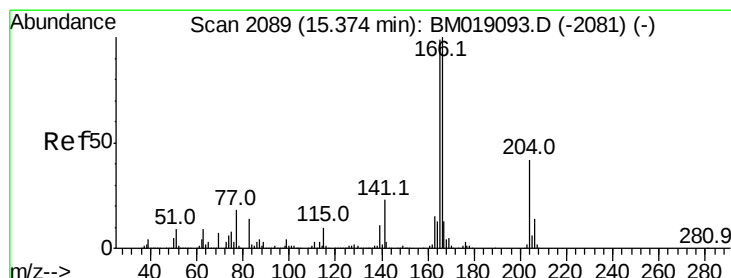
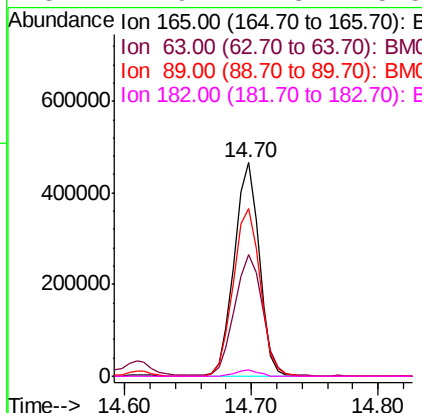
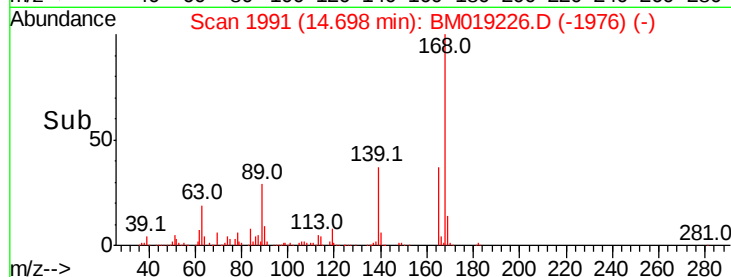
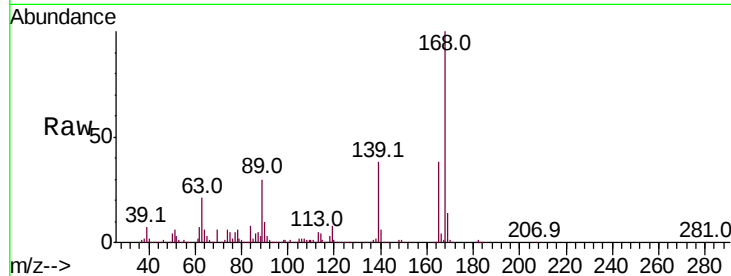
#57
2,4-Dinitrotoluene
Concen: 43.225 ng
RT: 14.70 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	634639		
63	56.7	44.7	67.1	
89	78.5	63.4	95.2	
182	2.9	2.3	3.5	

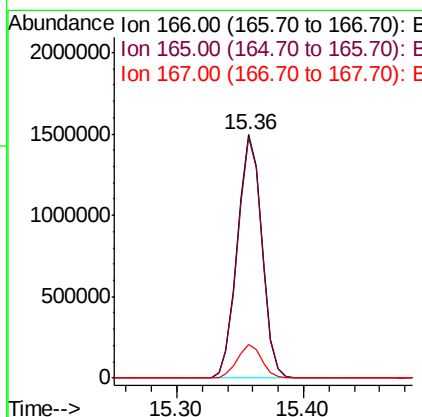
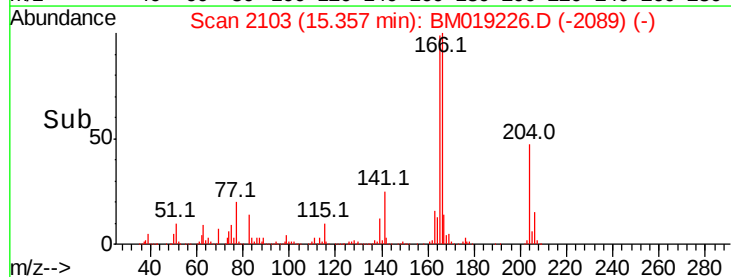
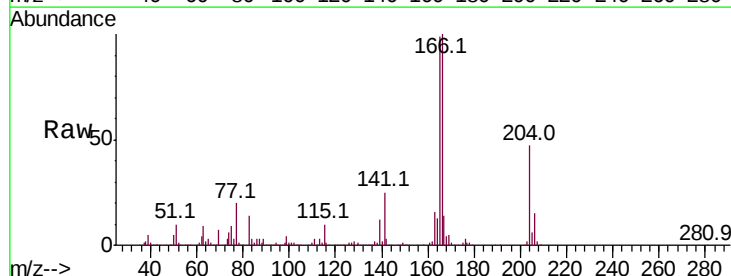
Manual Integrations
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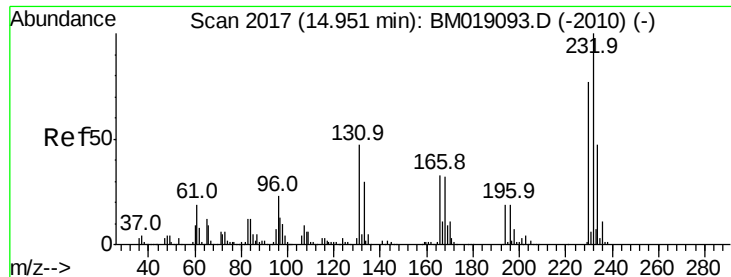
Sohil
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#58
Fluorene
Concen: 43.216 ng
RT: 15.36 min Scan# 2103
Delta R.T. -0.02 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1990008		
165	99.2	79.0	118.4	
167	13.8	10.8	16.2	





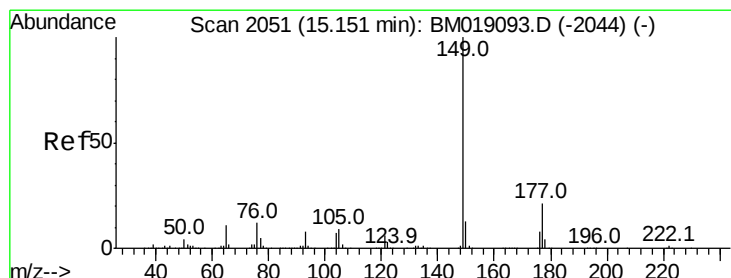
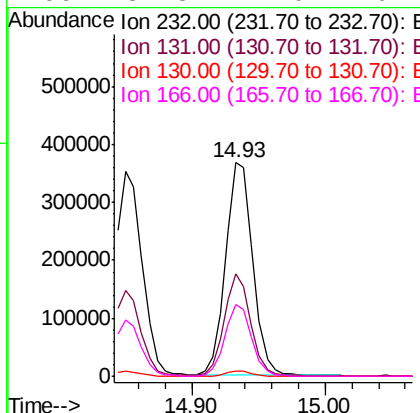
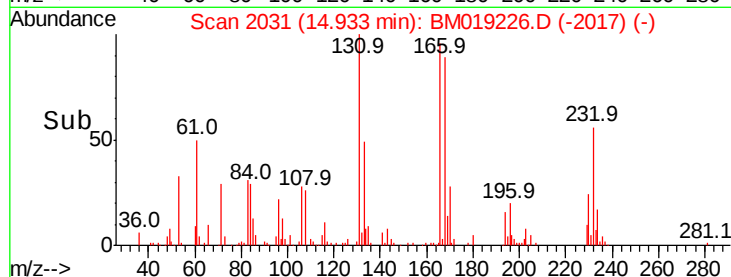
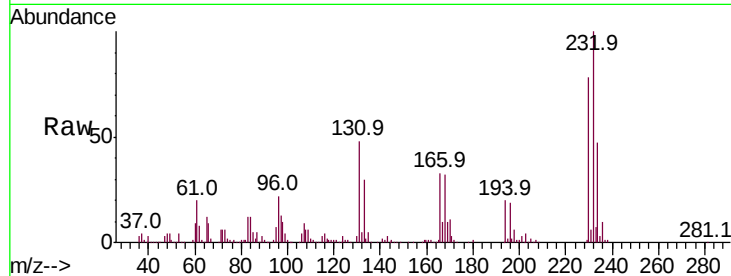
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.167 ng
 RT: 14.93 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BM019226.D
 Acq: 18 Mar 2019 21:29

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B100-031219MSD

Tot Ion:	232	Resp:	525003
Ion Ratio	Lower	Upper	
232	100		
131	46.4	38.2	57.2
130	2.4	1.9	2.9
166	32.8	27.0	40.4

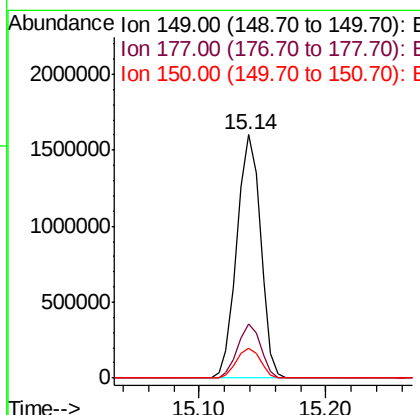
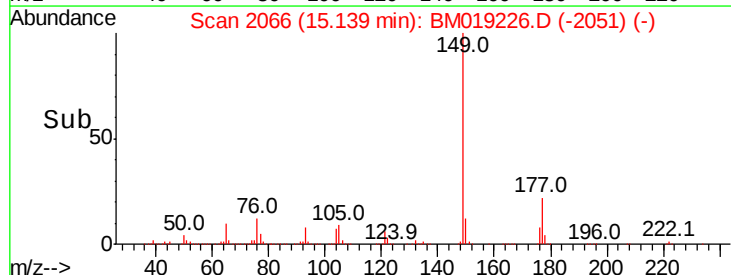
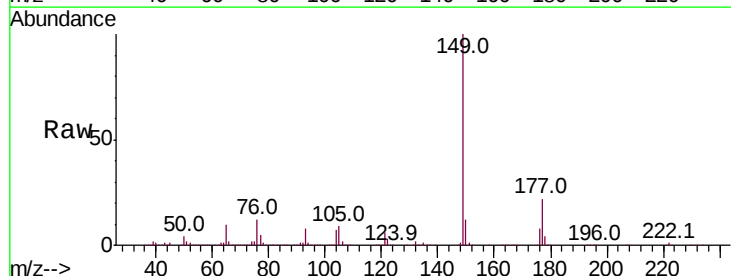
Manual Integrations
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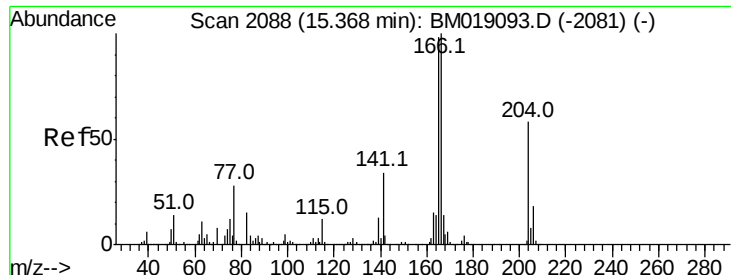
Sohil
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#60
 Diethylphthalate
 Concen: 43.744 ng
 RT: 15.14 min Scan# 2066
 Delta R.T. -0.01 min
 Lab File: BM019226.D
 Acq: 18 Mar 2019 21:29

Tgt Ion:	149	Resp:	2072934
Ion Ratio	Lower	Upper	
149	100		
177	22.2	17.0	25.6
150	12.5	10.2	15.4





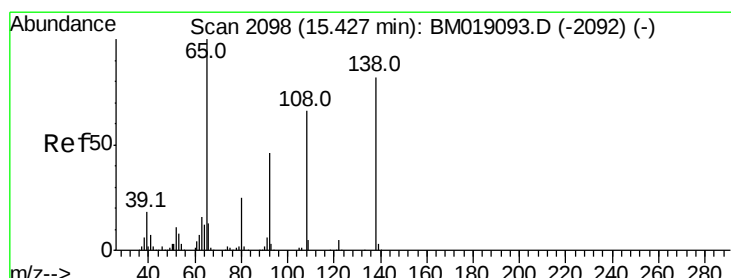
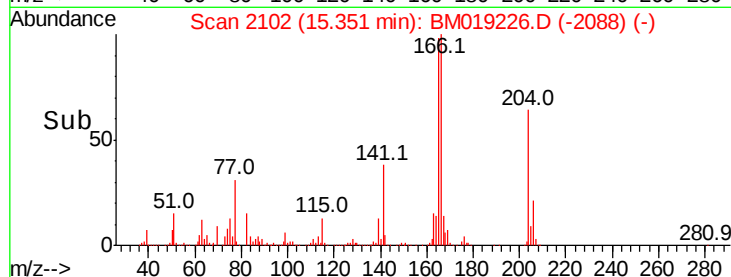
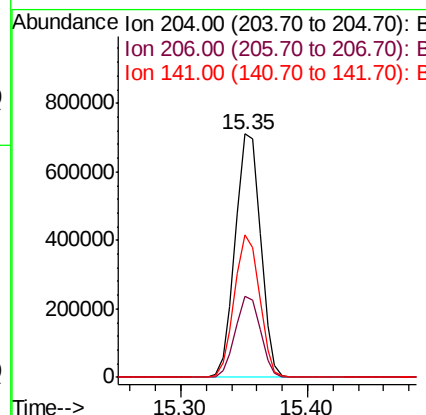
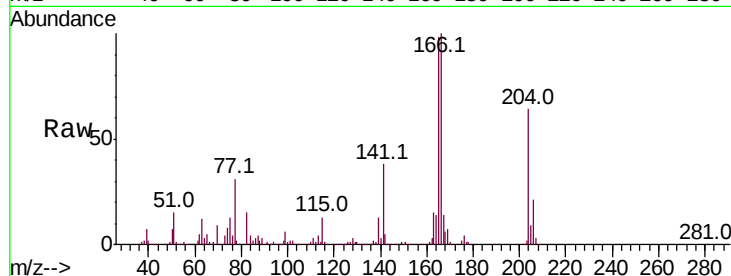
#61
4-Chlorophenyl-phenylether
Concen: 43.847 ng
RT: 15.35 min Scan# 2102
Delta R.T. -0.02 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	25.5	38.3
141	58.7	47.8	71.8

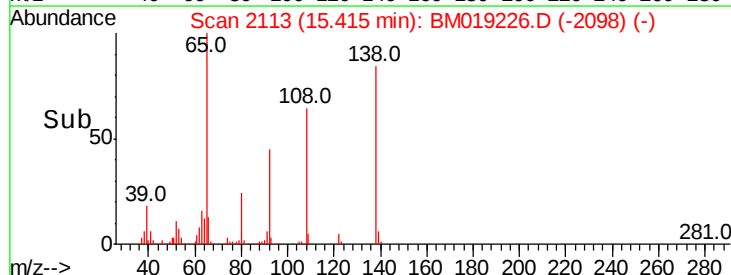
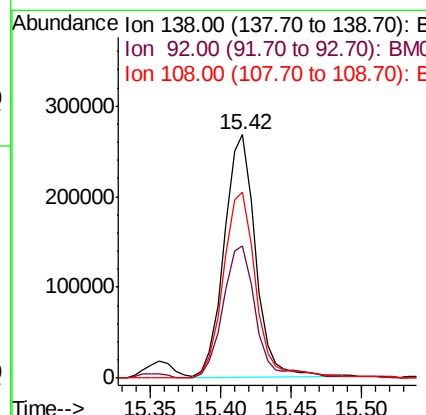
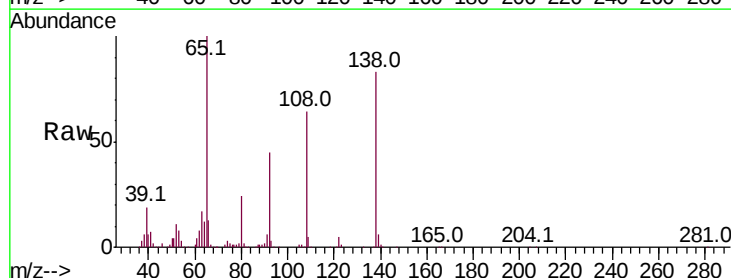
Manual Integrations
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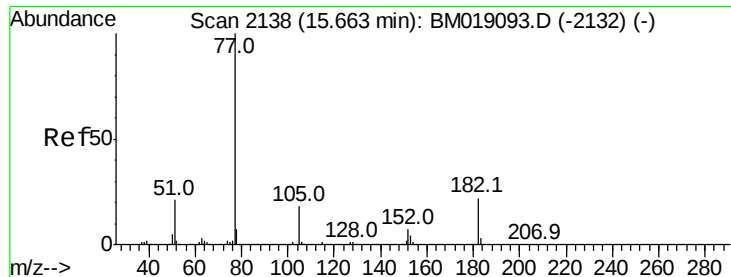
Sohil
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#62
4-Nitroaniline
Concen: 38.035 ng
RT: 15.42 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.2	36.2	76.2
108	76.4	59.7	99.7





#63

Azobenzene

Concen: 43.076 ng

RT: 15.65 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Instrument :

BNA_M

ClientSampleId :

PST-028-B100-031219MSD

Tot Ion: 77 Resp: 2148001

Ion Ratio Lower Upper

77 100

182 23.8 1.8 41.8

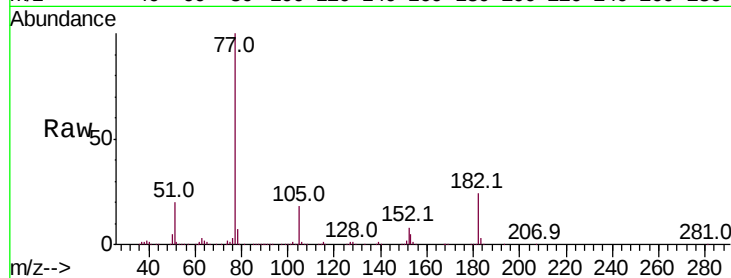
105 18.3 0.0 38.3

51 20.3 0.8 40.8

Manual Integrations
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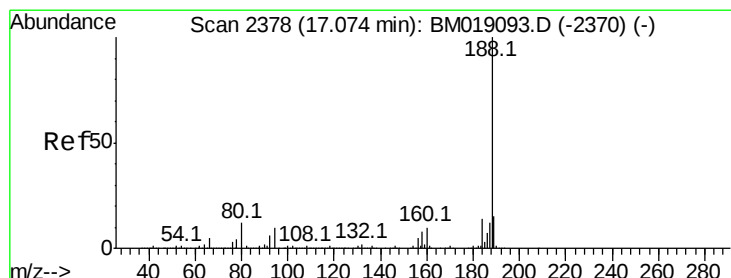
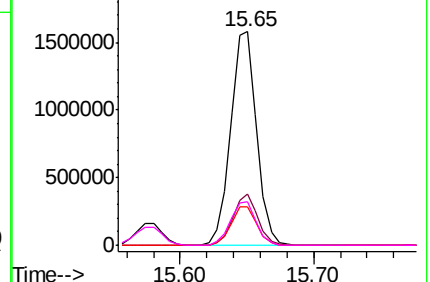
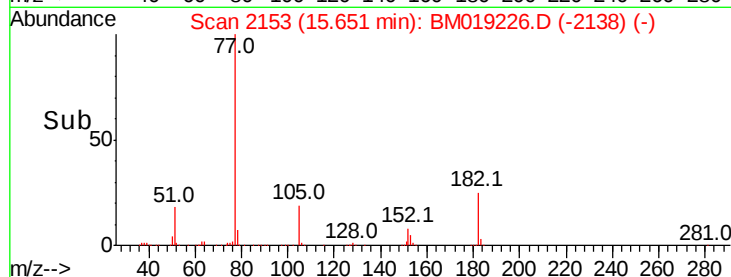
Abundance

Ion 77.00 (76.70 to 77.70): BM019093.D (-2132) (-)

Ion 182.00 (181.70 to 182.70): BM019093.D (-2132) (-)

Ion 105.00 (104.70 to 105.70): BM019093.D (-2132) (-)

Ion 51.00 (50.70 to 51.70): BM019093.D (-2132) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2392

Delta R.T. -0.02 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

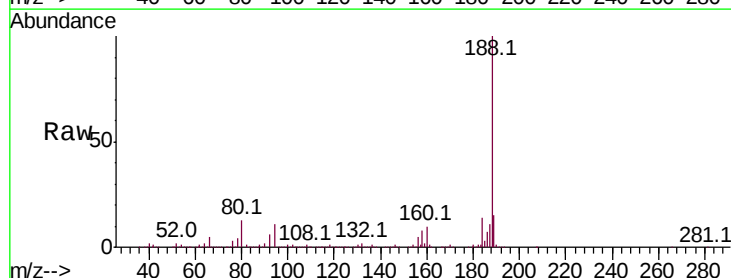
Tgt Ion: 188 Resp: 1194539

Ion Ratio Lower Upper

188 100

94 10.6 8.1 12.1

80 12.9 9.7 14.5

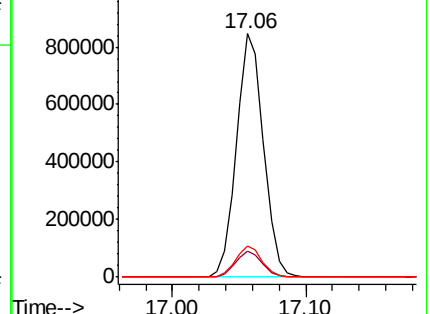
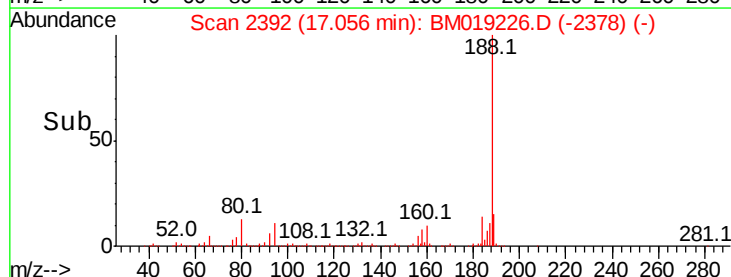


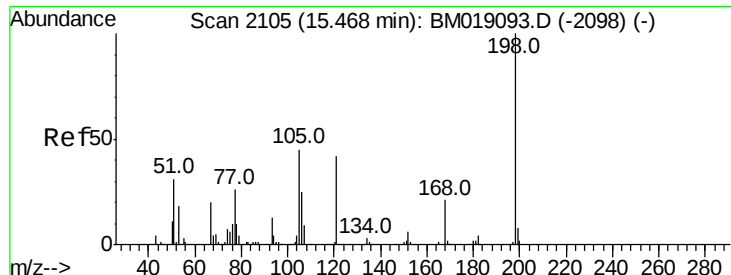
Abundance

Ion 188.00 (187.70 to 188.70): BM019093.D (-2370) (-)

Ion 94.00 (93.70 to 94.70): BM019093.D (-2370) (-)

Ion 80.00 (79.70 to 80.70): BM019093.D (-2370) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 32.981 ng

RT: 15.46 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Instrument :

BNA_M

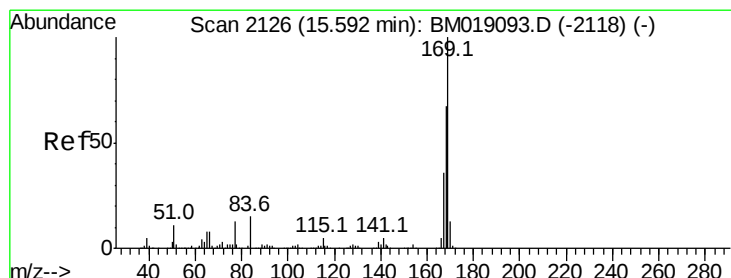
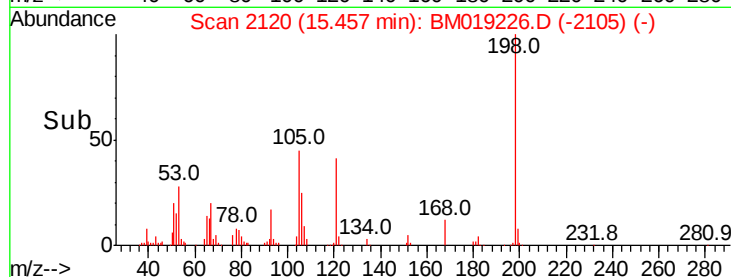
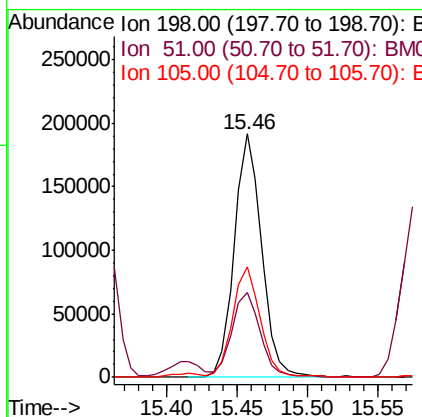
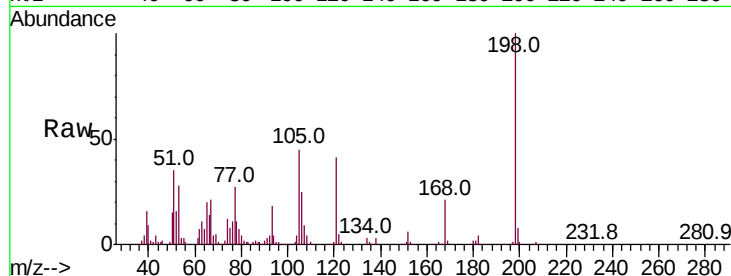
ClientSampleId :

PST-028-B100-031219MSD

Tot Ion:	198	Resp:	258169
Ion Ratio	Lower	Upper	
198	100		
51	35.1	17.3	57.3
105	45.5	26.2	66.2

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#66

n-Nitrosodiphenylamine

Concen: 45.552 ng

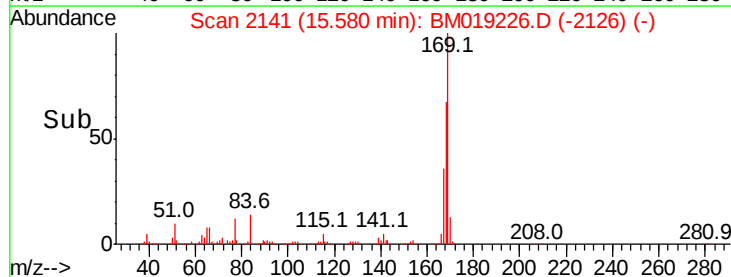
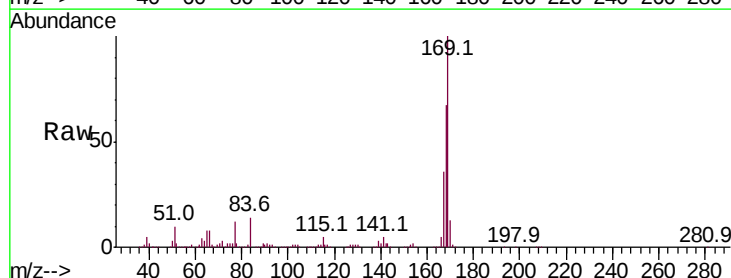
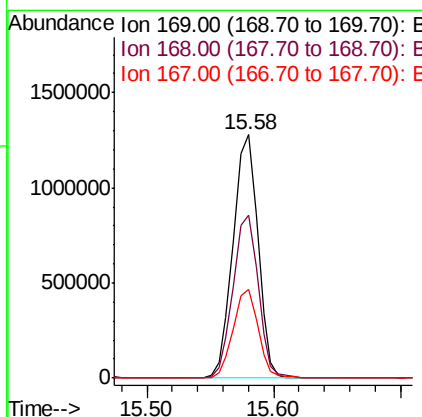
RT: 15.58 min Scan# 2141

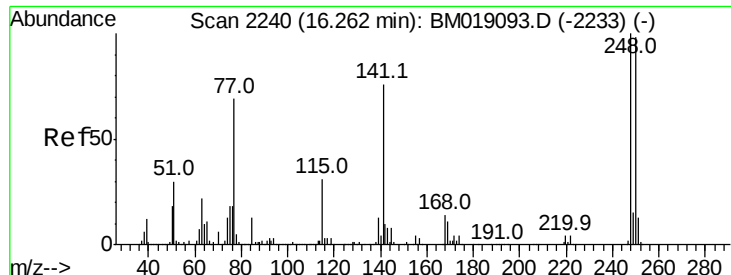
Delta R.T. -0.01 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Tgt Ion:	169	Resp:	1732331
Ion Ratio	Lower	Upper	
169	100		
168	66.9	53.9	80.9
167	36.3	28.8	43.2





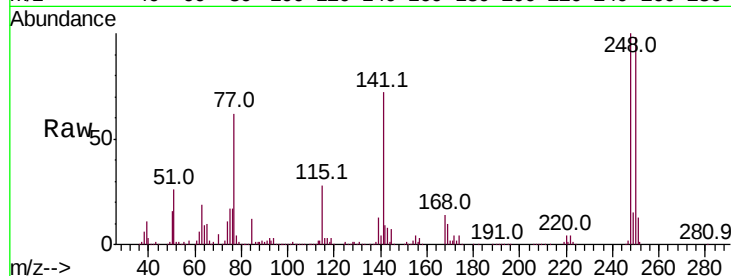
#67
4-Bromophenyl-phenylether
Concen: 44.338 ng
RT: 16.25 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.0	117.0
141	71.6	61.0	91.4

Manual Integrations
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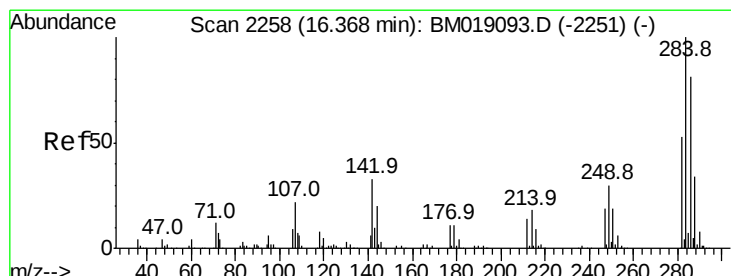
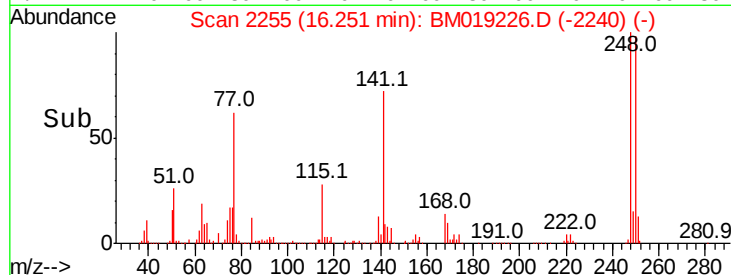
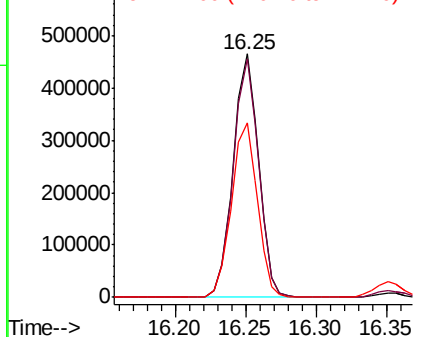


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 43.800 ng
RT: 16.35 min Scan# 2272
Delta R.T. -0.02 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

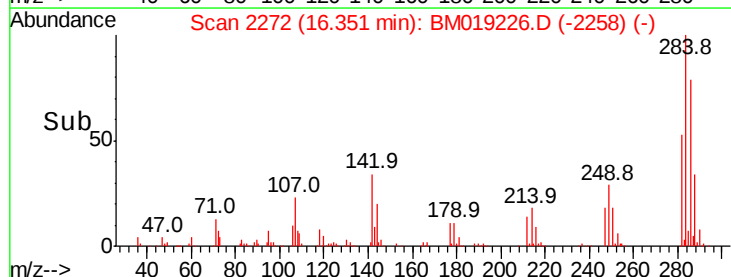
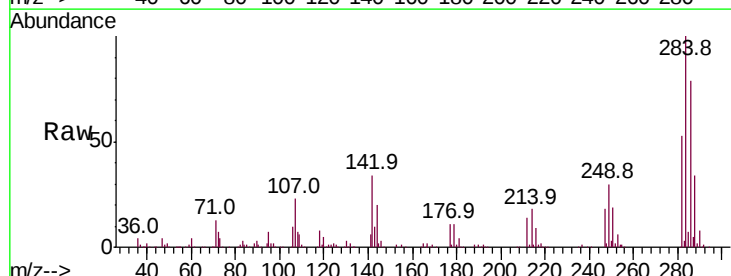
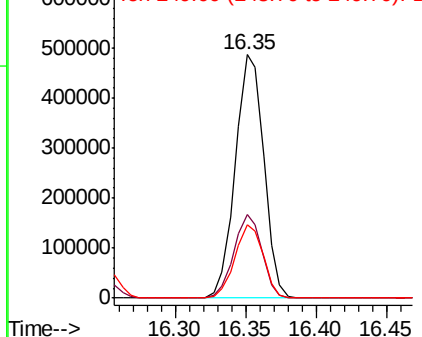
Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.4	26.3	39.5
249	30.3	24.1	36.1

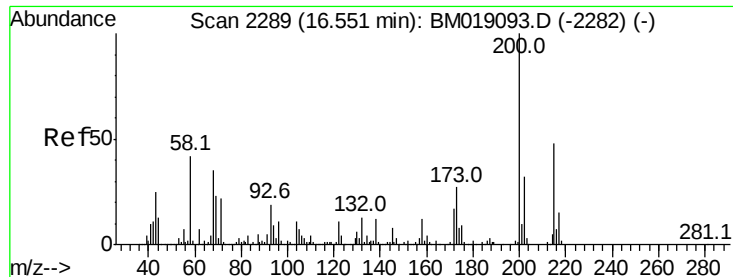
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





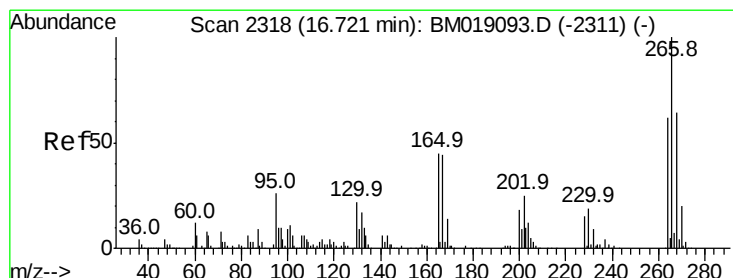
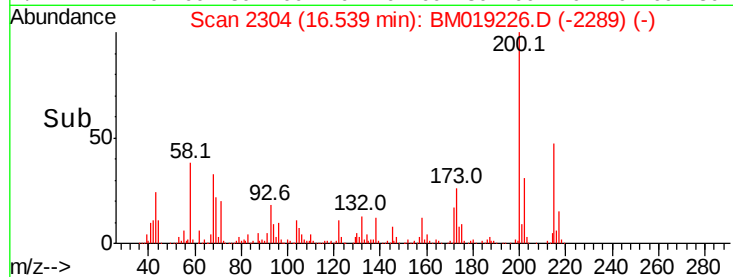
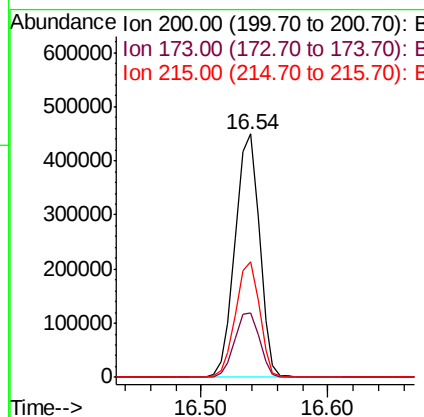
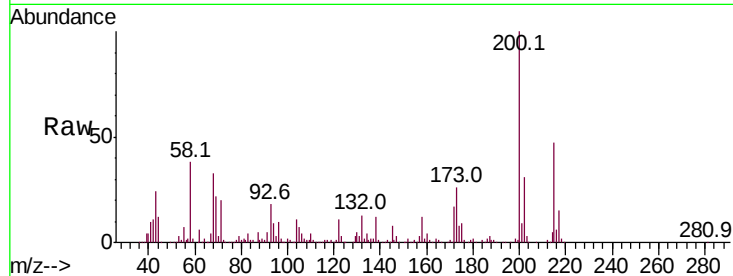
#69
Atrazine
Concen: 46.710 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.4	7.0	47.0
215	47.2	27.7	67.7

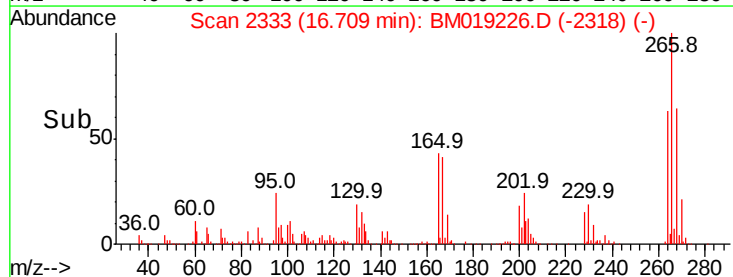
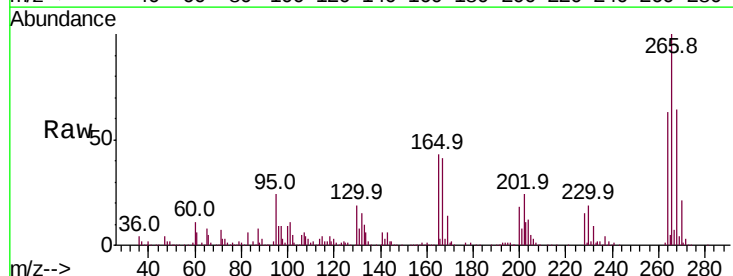
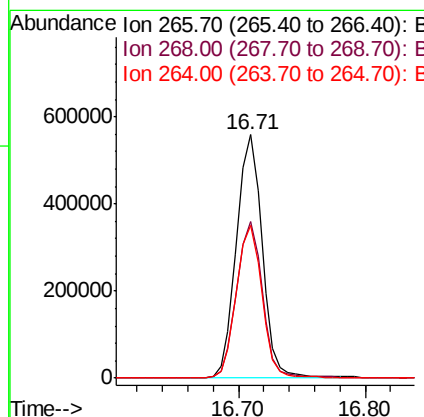
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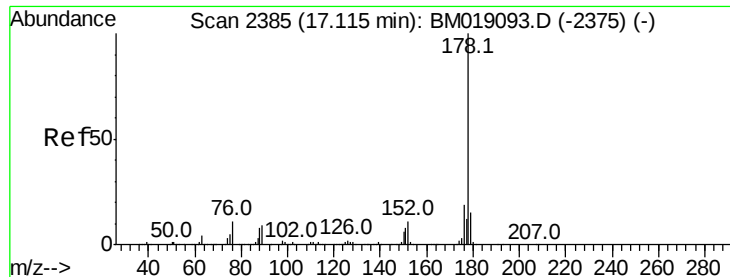
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#70
Pentachlorophenol
Concen: 83.558 ng
RT: 16.71 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.5	51.3	76.9
264	62.8	50.0	75.0





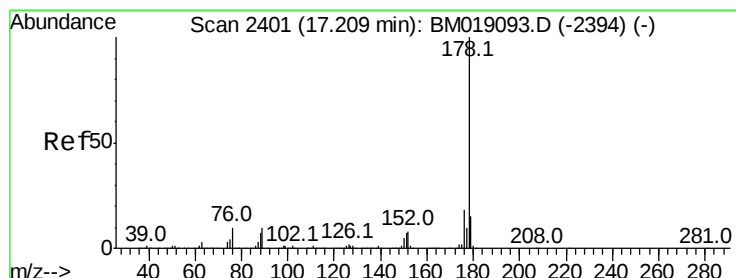
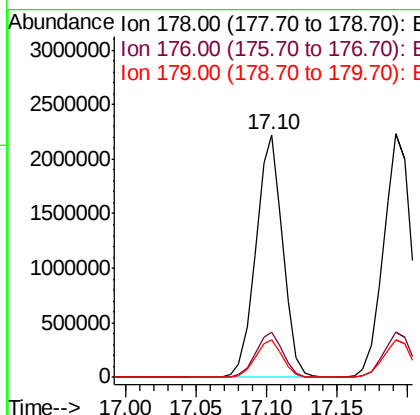
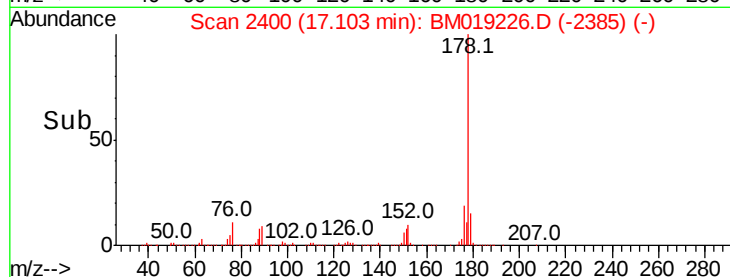
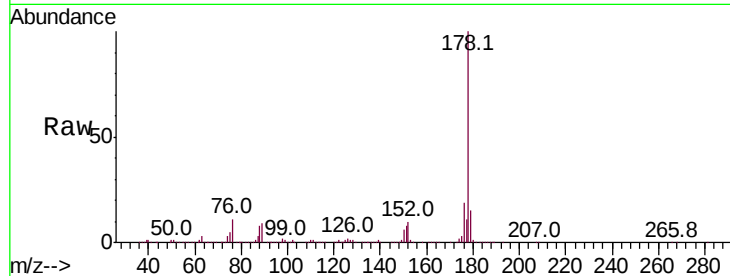
#71
Phenanthrene
Concen: 42.382 ng
RT: 17.10 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MSD

Tot Ion:178 Resp: 2967415
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 15.2 12.2 18.2

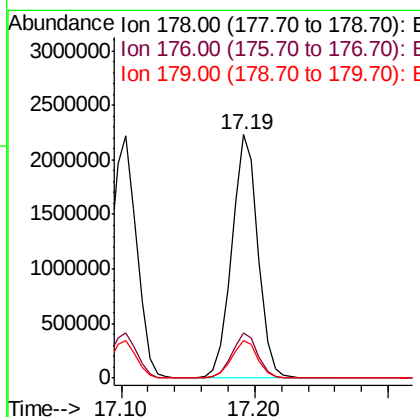
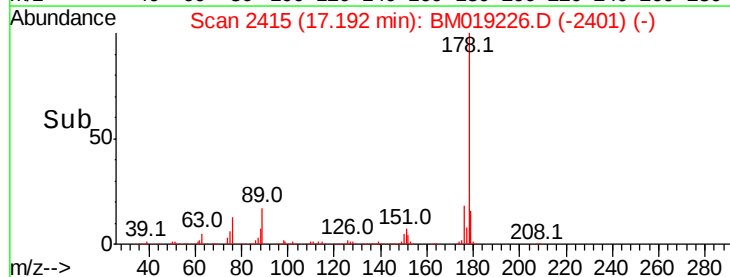
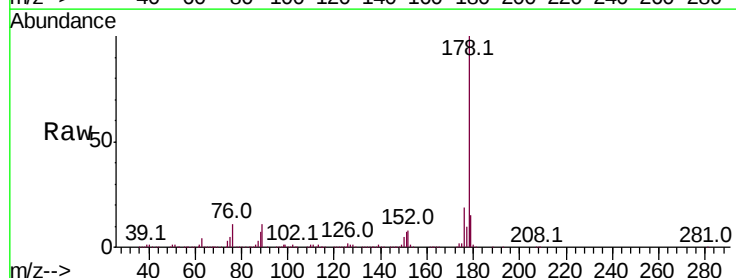
Manual Integrations
APPROVED

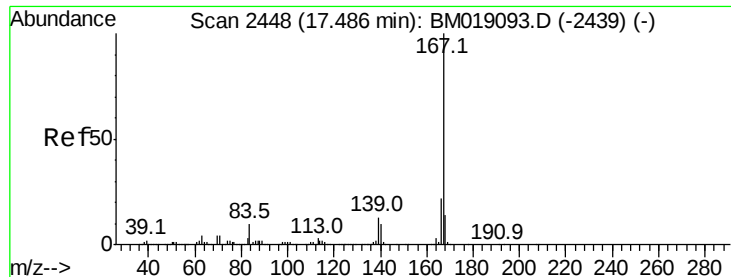
Sohil
3/19/2019 5:28:06 PM



#72
Anthracene
Concen: 44.066 ng
RT: 17.19 min Scan# 2415
Delta R.T. -0.02 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Tgt Ion:178 Resp: 3020410
Ion Ratio Lower Upper
178 100
176 18.7 14.6 22.0
179 15.4 11.9 17.9





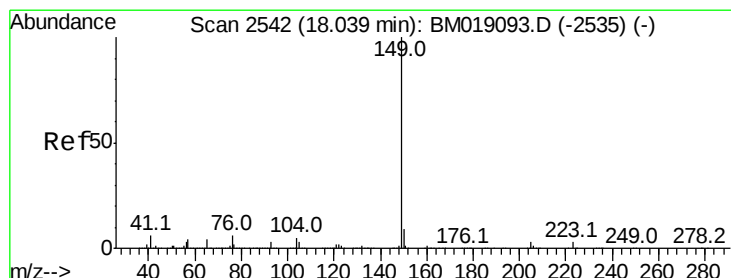
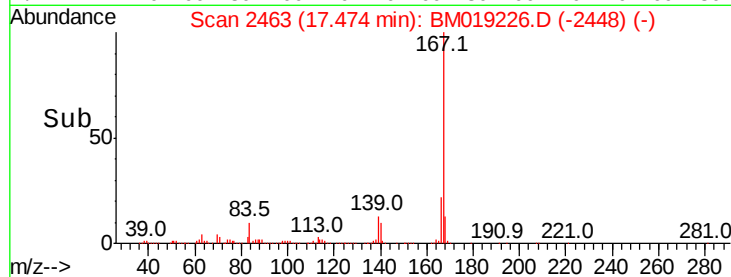
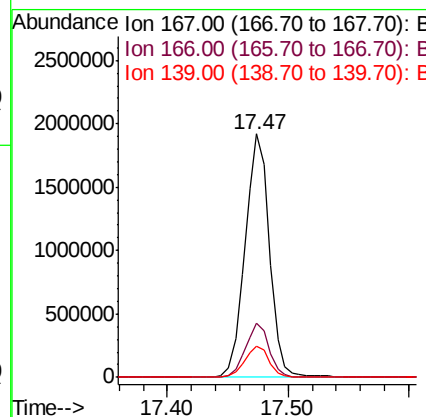
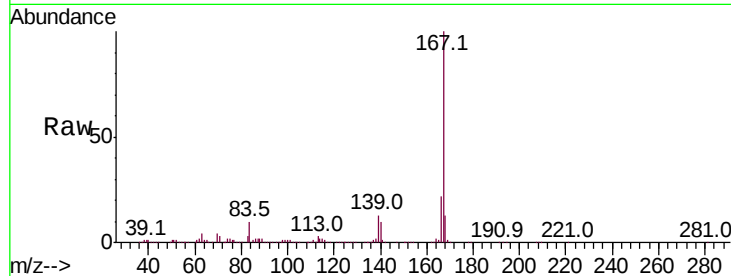
#73
 Carbazole
 Concen: 41.890 ng
 RT: 17.47 min Scan# 2463
 Delta R.T. -0.01 min
 Lab File: BM019226.D
 Acq: 18 Mar 2019 21:29

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B100-031219MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.8
139	13.0	10.5	15.7

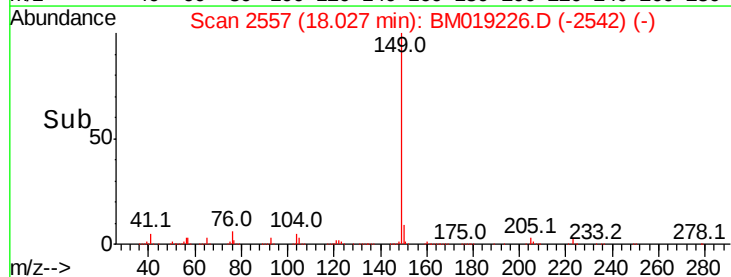
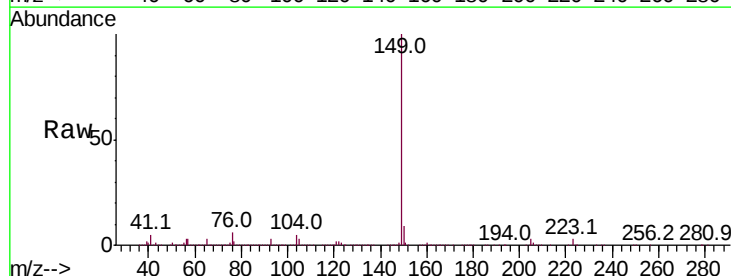
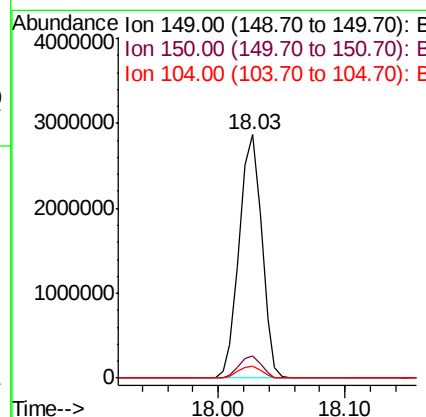
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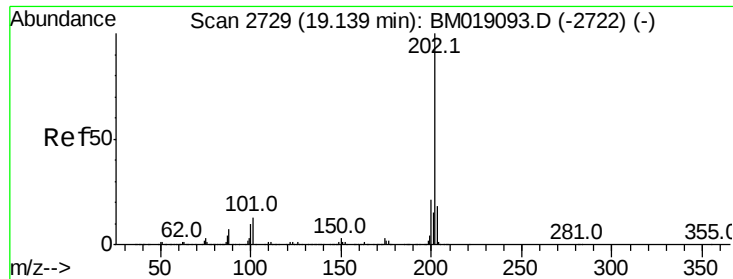
Sohil
 3/19/2019 5:28:06 PM



#74
 Di-n-butylphthalate
 Concen: 45.061 ng
 RT: 18.03 min Scan# 2557
 Delta R.T. -0.01 min
 Lab File: BM019226.D
 Acq: 18 Mar 2019 21:29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	5.1	4.2	6.4





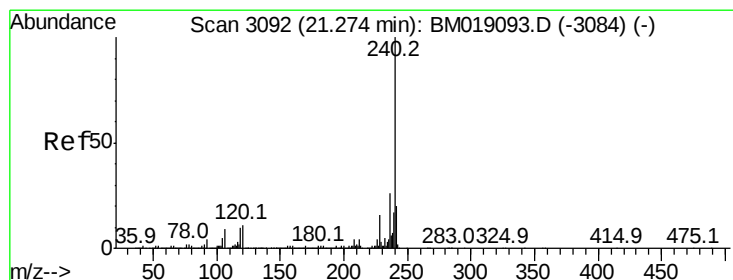
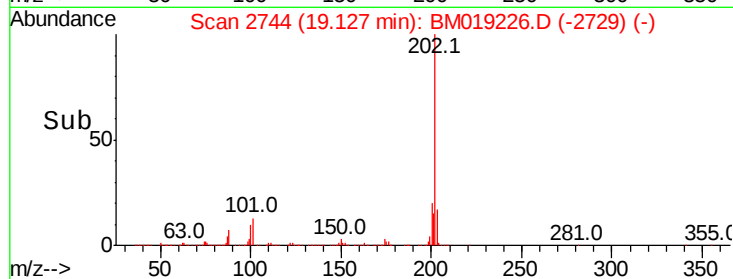
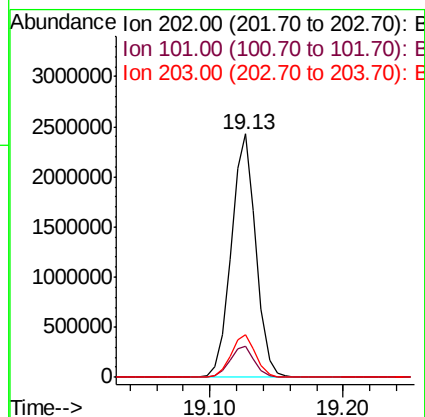
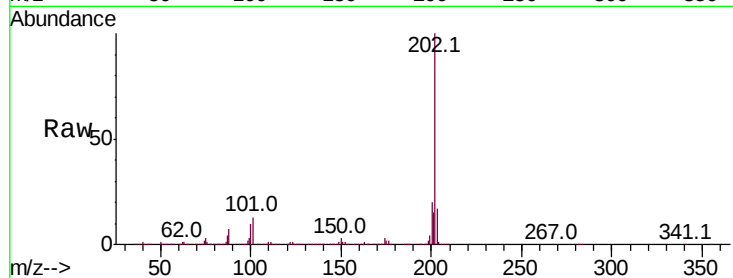
#75
 Fluoranthene
 Concen: 38.851 ng
 RT: 19.13 min Scan# 2744
 Delta R.T. -0.01 min
 Lab File: BM019226.D
 Acq: 18 Mar 2019 21:29

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B100-031219MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	33.0
203	17.5	0.0	37.8

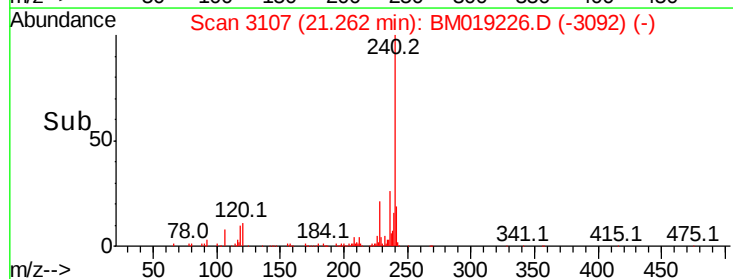
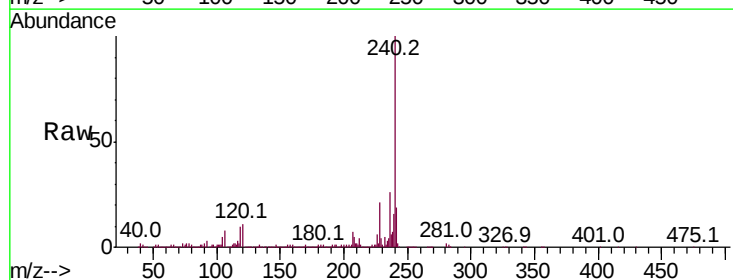
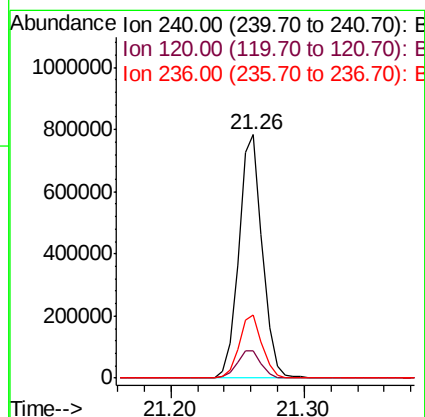
Manual Integrations
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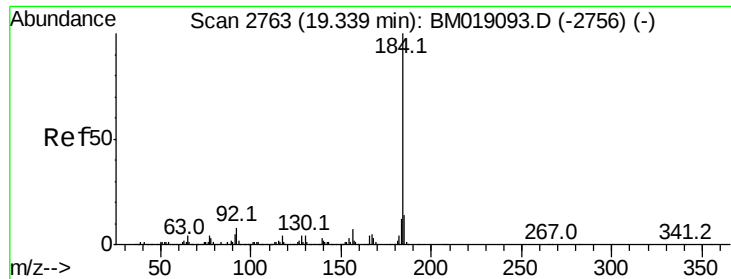
Sohil
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.26 min Scan# 3107
 Delta R.T. -0.01 min
 Lab File: BM019226.D
 Acq: 18 Mar 2019 21:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.9	13.3
236	25.9	21.0	31.4





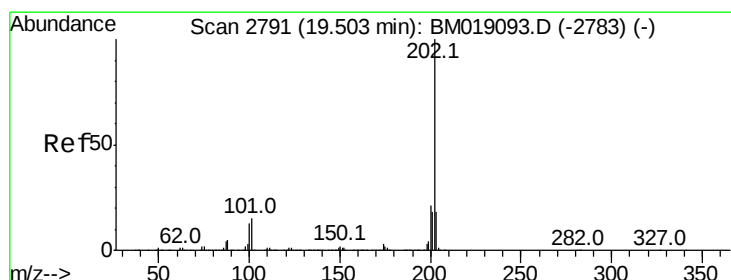
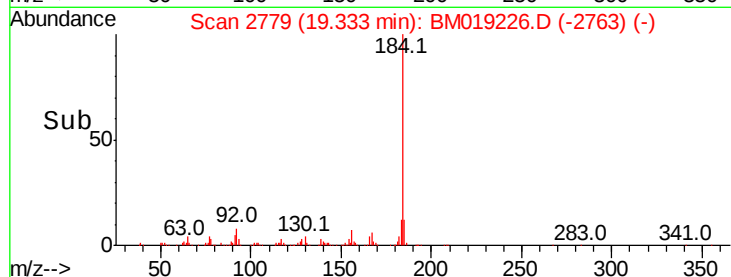
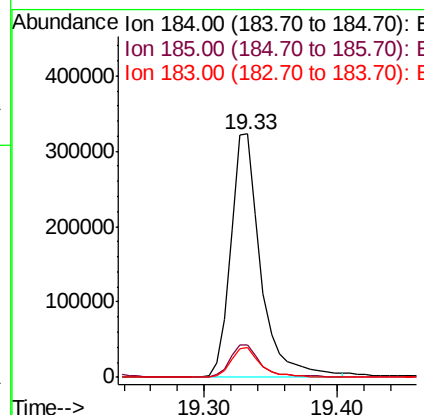
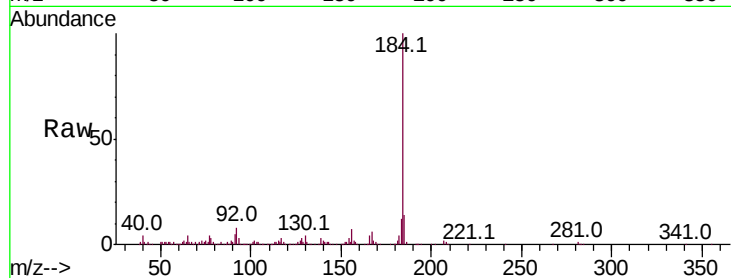
#77
Benzidine
Concen: 18.806 ng
RT: 19.33 min Scan# 2779
Delta R.T. -0.01 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	13.6	11.0	16.4	
183	12.5	9.8	14.6	

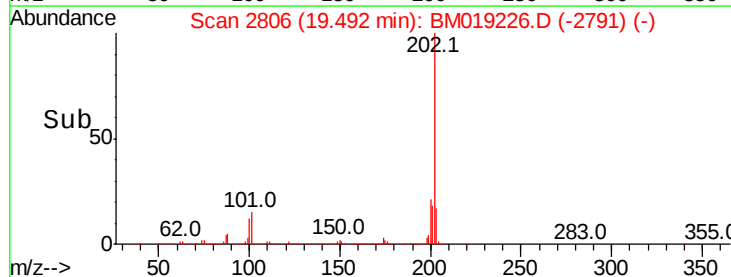
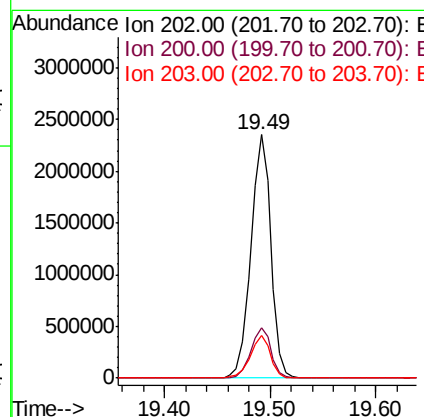
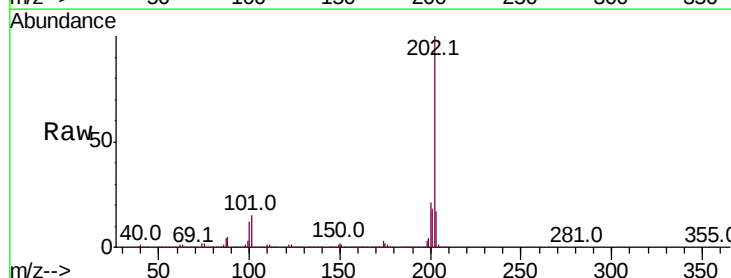
Manual Integrations
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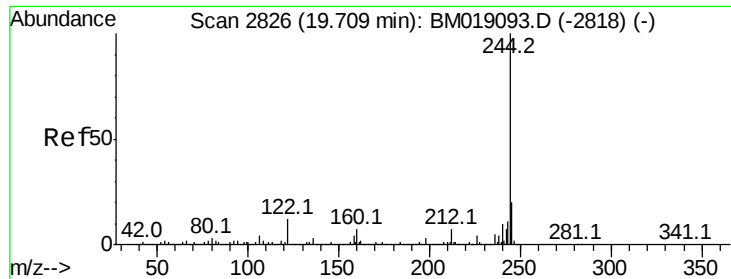
Sohil
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#78
Pyrene
Concen: 51.184 ng
RT: 19.49 min Scan# 2806
Delta R.T. -0.01 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.9	16.9	25.3	
203	17.5	14.0	21.0	





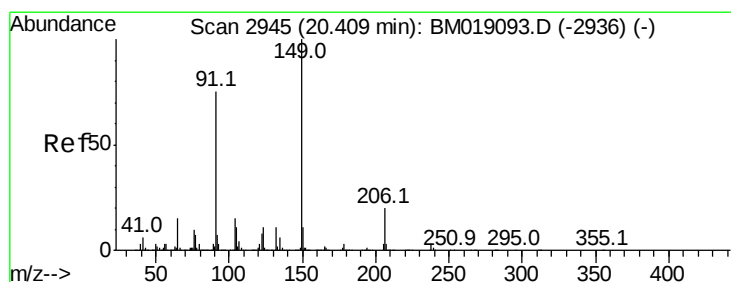
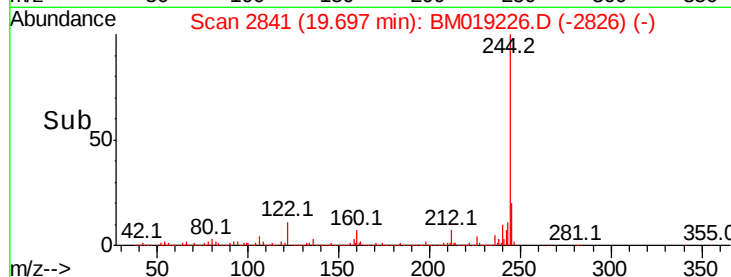
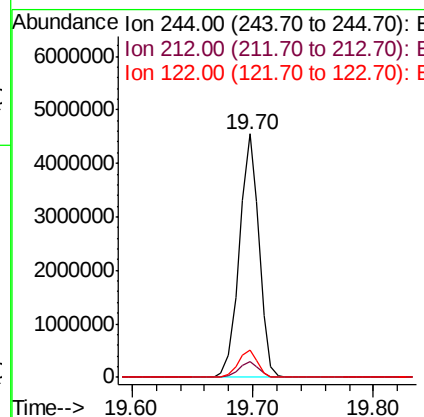
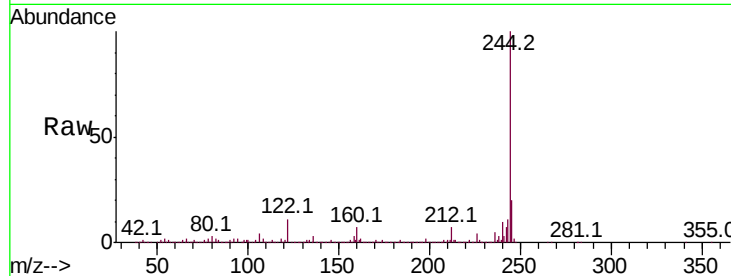
#79
 Terphenyl-d14
 Concen: 107.681 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM019226.D
 Acq: 18 Mar 2019 21:29

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B100-031219MSD

Tot Ion:244 Resp: 5169264
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 11.3 9.4 14.2

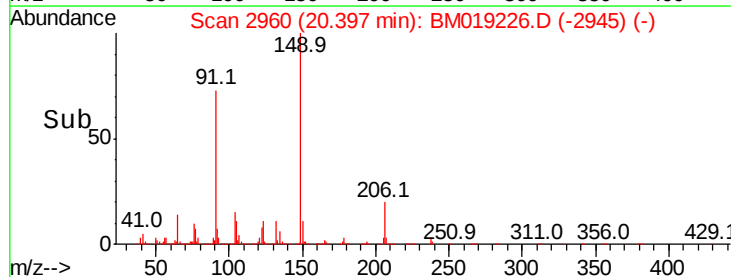
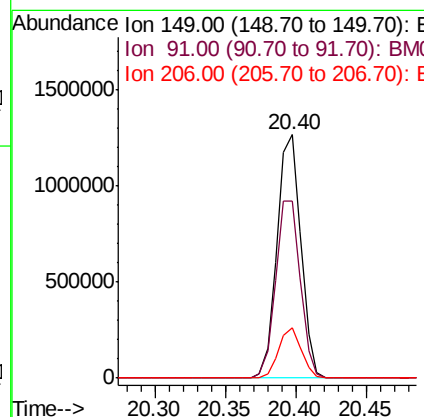
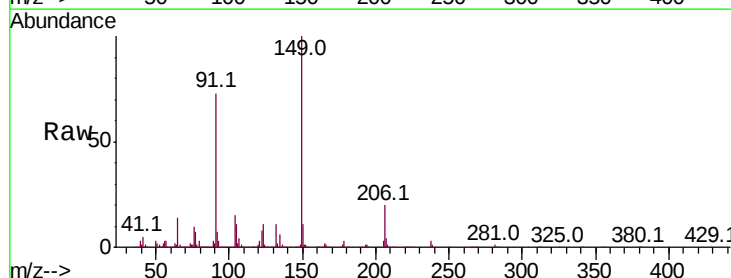
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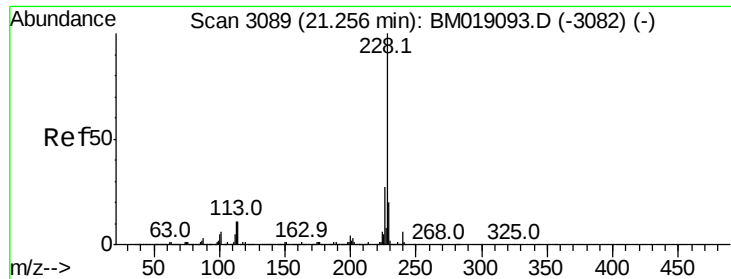
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#80
 Butylbenzylphthalate
 Concen: 56.922 ng
 RT: 20.40 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: BM019226.D
 Acq: 18 Mar 2019 21:29

Tgt Ion:149 Resp: 1494956
 Ion Ratio Lower Upper
 149 100
 91 72.9 60.1 90.1
 206 20.4 16.2 24.2





#81

Benzo(a)anthracene

Concen: 41.144 ng

RT: 21.24 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Instrument :

BNA_M

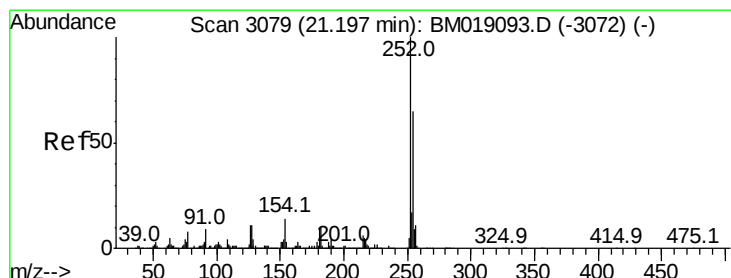
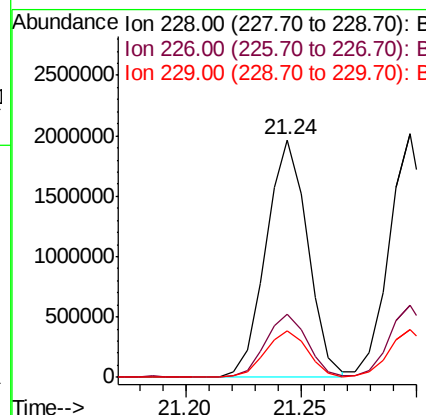
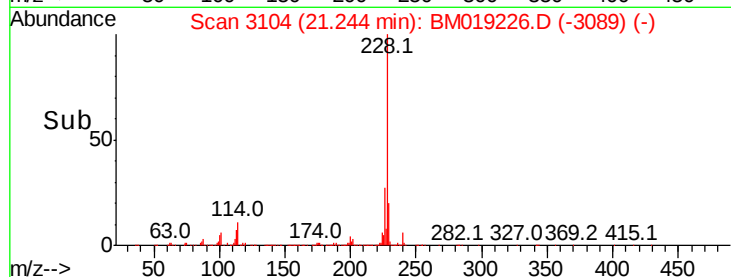
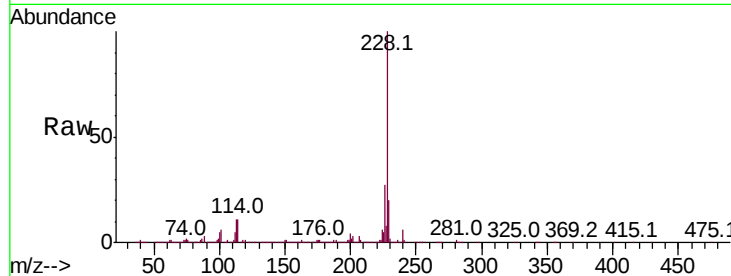
ClientSampleId :

PST-028-B100-031219MSD

Tot	Ion:228	Resp:	2459949
Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.8	32.8
229	19.8	15.8	23.6

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 32.139 ng

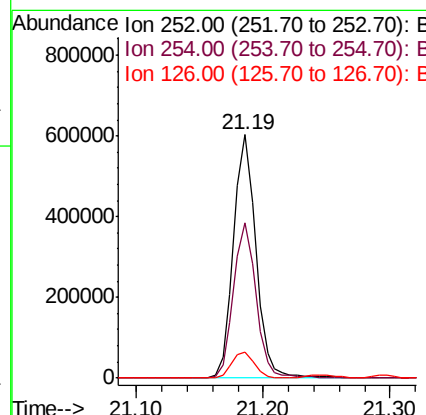
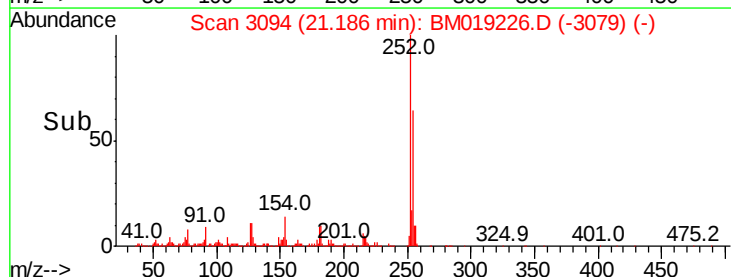
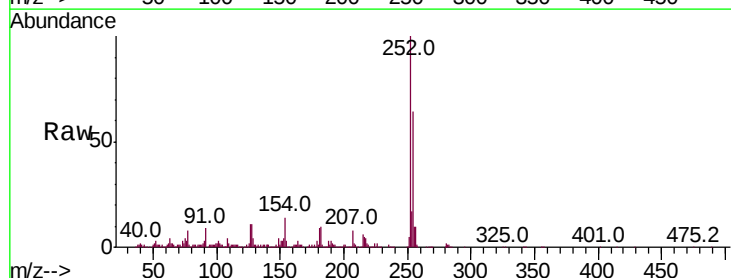
RT: 21.19 min Scan# 3094

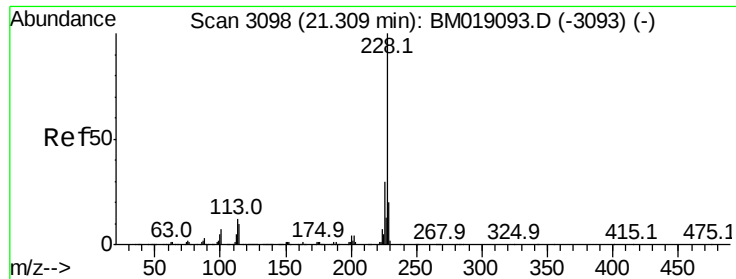
Delta R.T. -0.01 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Tgt	Ion:252	Resp:	740236
Ion	Ratio	Lower	Upper
252	100		
254	63.8	52.4	78.6
126	10.8	9.0	13.6





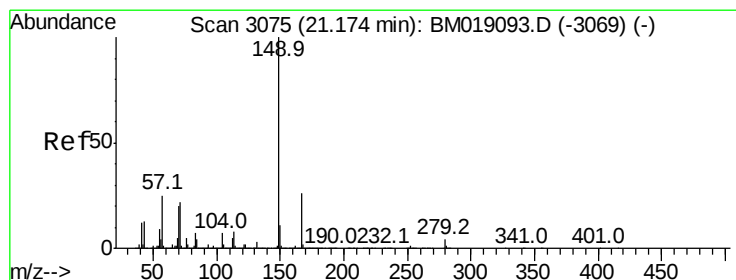
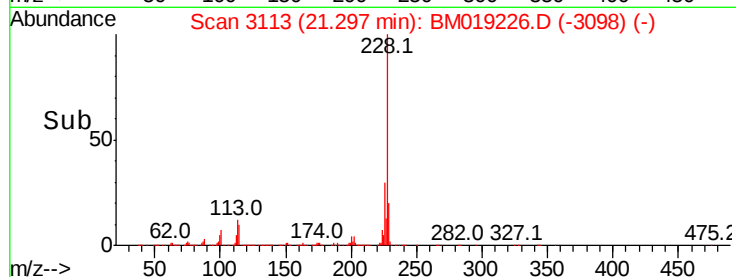
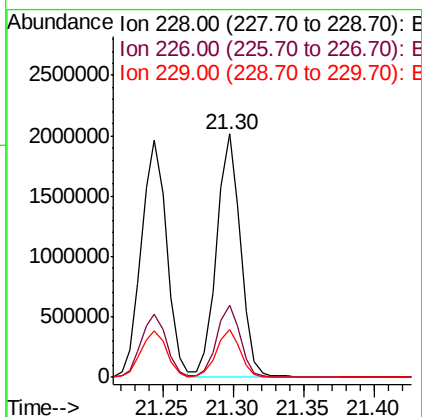
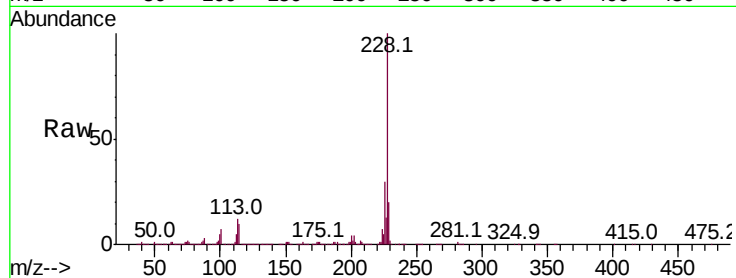
#83
Chrysene
Concen: 40.928 ng
RT: 21.30 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	19.8	15.7	23.5

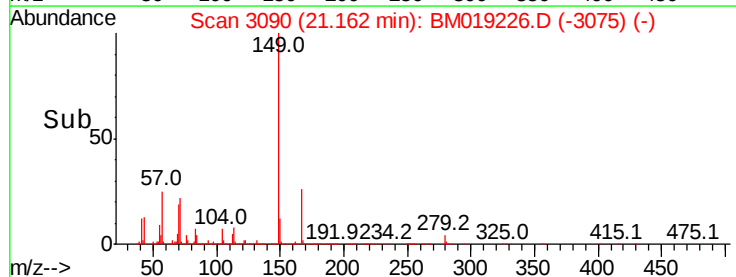
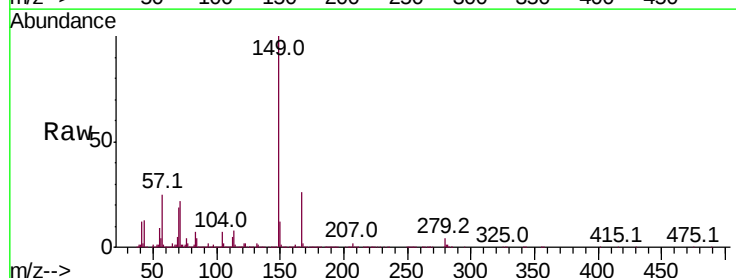
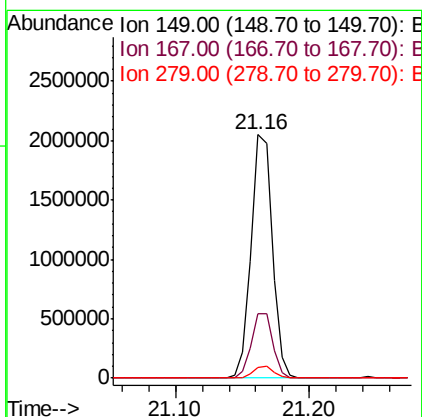
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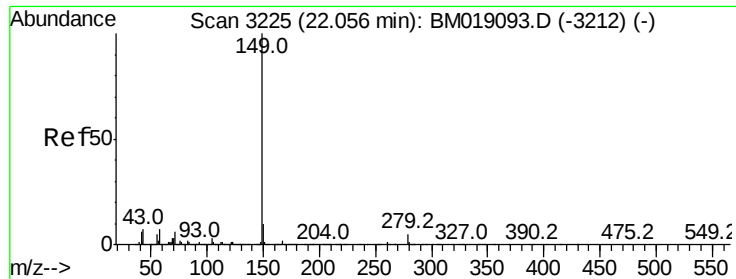
Sohil
3/19/2019 5:28:06 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 58.163 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.1	31.7
279	4.3	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 51.484 ng

RT: 22.04 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Instrument :

BNA_M

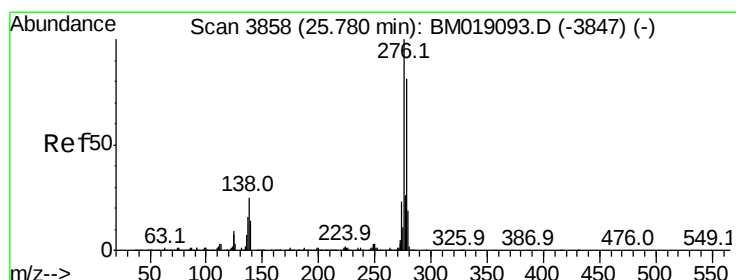
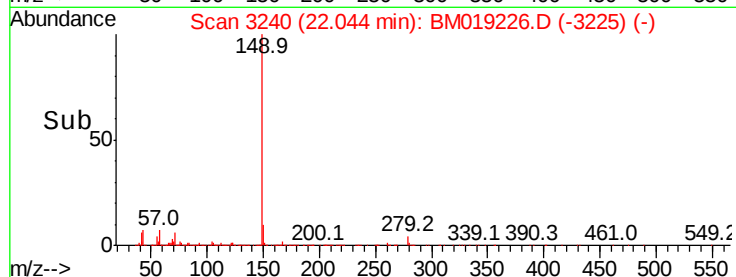
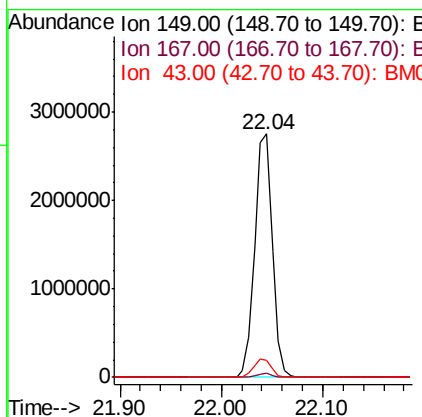
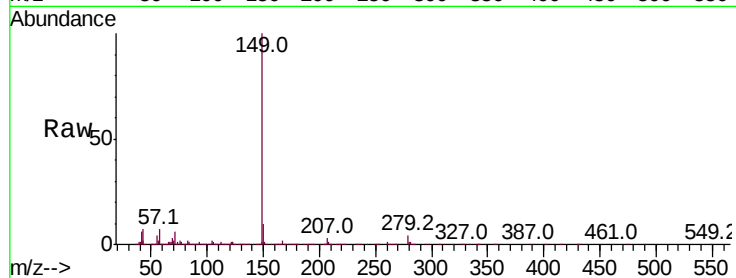
ClientSampleId :

PST-028-B100-031219MSD

Tot Ion:	149	Resp:	3312441
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	7.4	6.1	9.1

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#86

Indeno(1,2,3-cd)pyrene

Concen: 41.918 ng

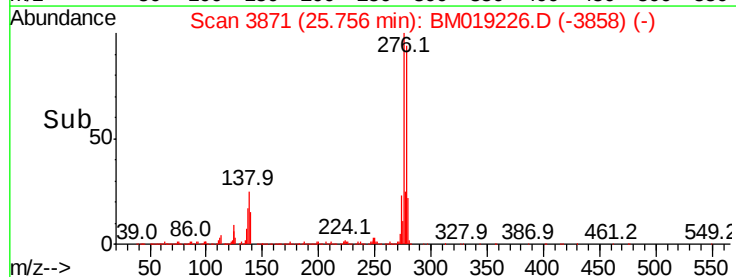
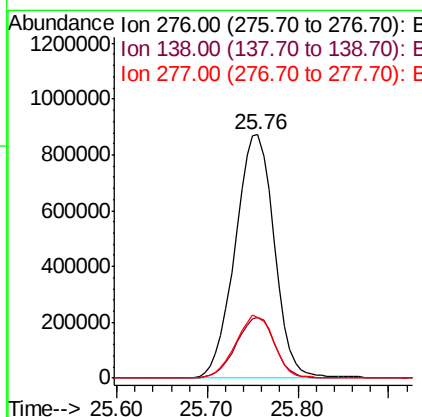
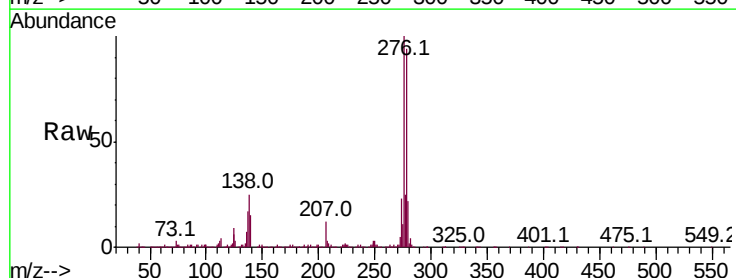
RT: 25.76 min Scan# 3871

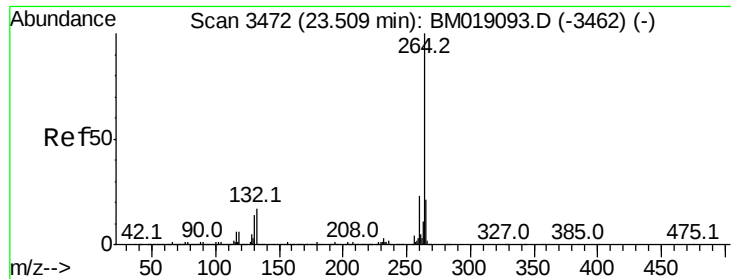
Delta R.T. -0.02 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Tgt Ion:	276	Resp:	2609996
Ion Ratio	Lower	Upper	
276	100		
138	24.6	19.8	29.8
277	25.3	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.49 min Scan# 3486

Delta R.T. -0.02 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Instrument :

BNA_M

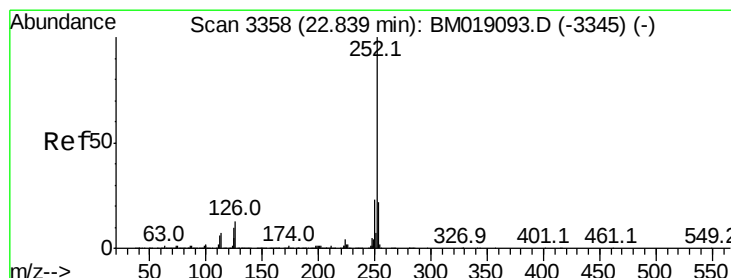
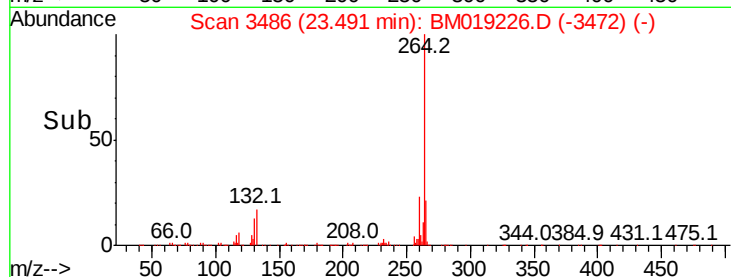
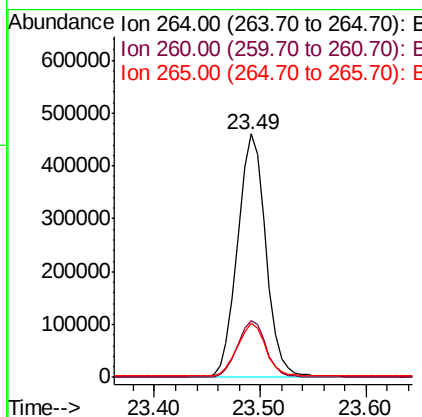
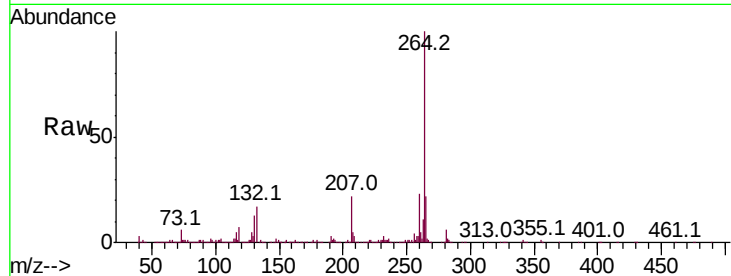
ClientSampleId :

PST-028-B100-031219MSD

Tot Ion:	264	Resp:	855513
Ion Ratio	Lower	Upper	
264	100		
260	23.3	18.6	28.0
265	22.2	17.3	25.9

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#88

Benzo(b)fluoranthene

Concen: 41.922 ng

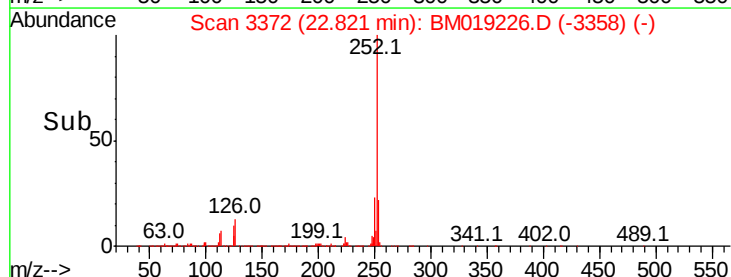
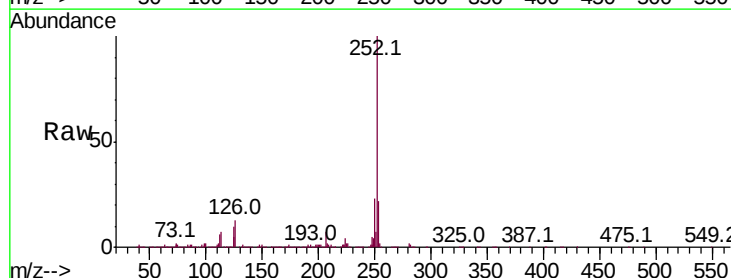
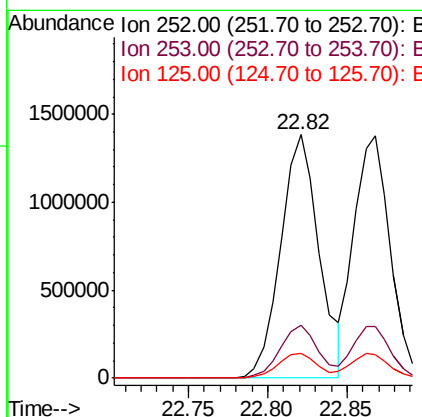
RT: 22.82 min Scan# 3372

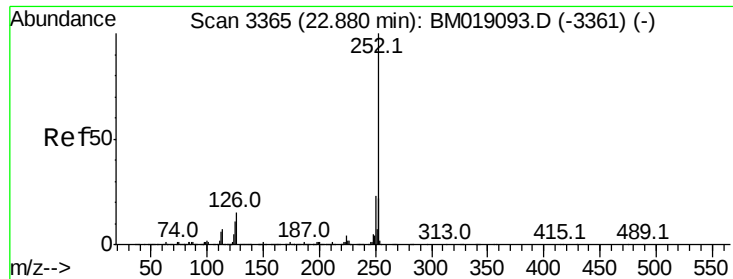
Delta R.T. -0.02 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Tgt Ion:	252	Resp:	2323962
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.6	26.4
125	10.2	8.1	12.1





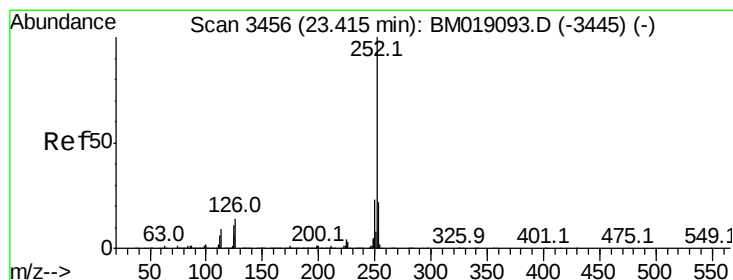
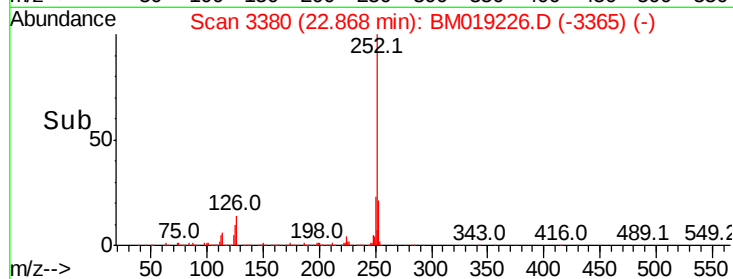
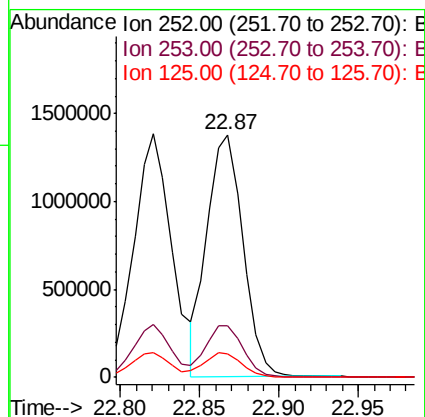
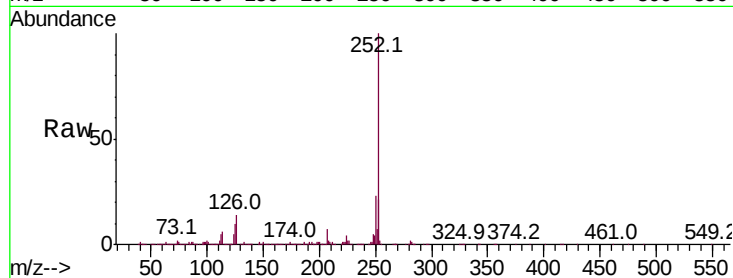
#89
Benzo(k)fluoranthene
Concen: 42.749 ng
RT: 22.87 min Scan# 3380
Delta R.T. -0.01 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	9.9	8.8	13.2

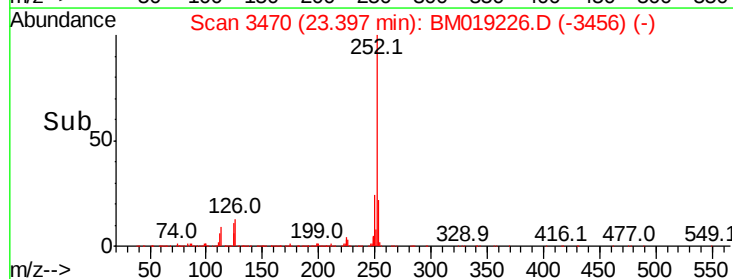
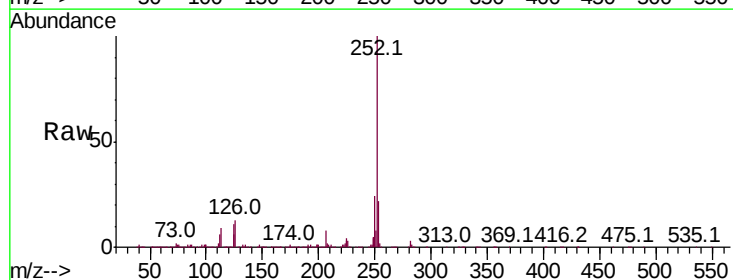
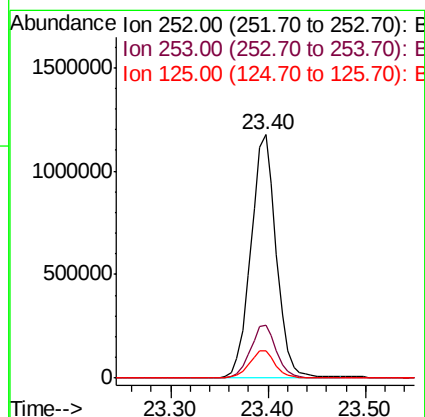
Manual Integrations
APPROVED

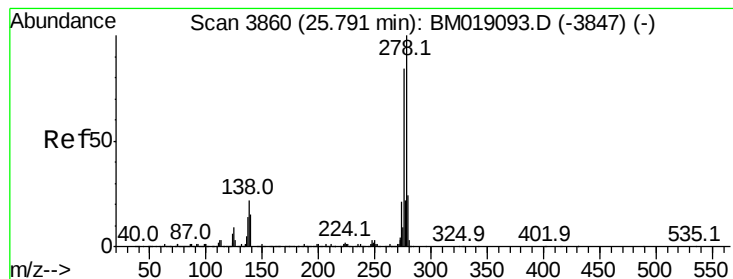
Sohil
3/19/2019 5:28:06 PM



#90
Benzo(a)pyrene
Concen: 43.057 ng
RT: 23.40 min Scan# 3470
Delta R.T. -0.02 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	11.3	9.2	13.8





#91

Dibenzo(a,h)anthracene

Concen: 46.998 ng

RT: 25.76 min Scan# 3872

Delta R.T. -0.03 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Instrument :

BNA_M

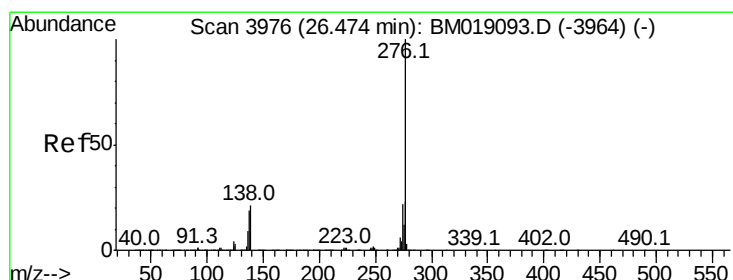
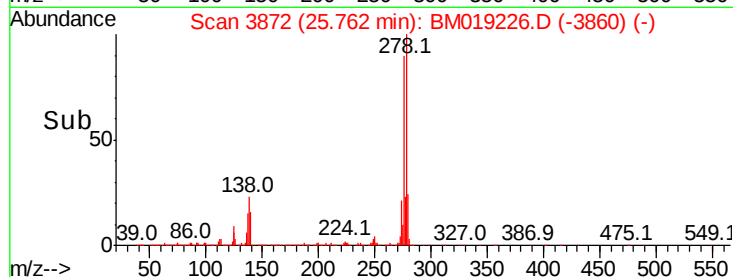
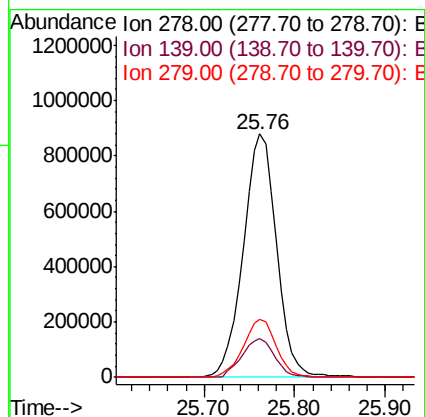
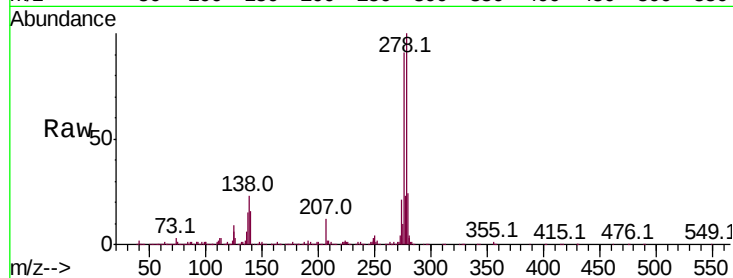
ClientSampleId :

PST-028-B100-031219MSD

Tot	Ion:278	Resp: 2239716	
Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.3	18.5
279	23.8	18.9	28.3

Manual Integrations
APPROVED

Sohil
3/19/2019 5:28:06 PM



#92

Benzo(g,h,i)perylene

Concen: 48.676 ng

RT: 26.45 min Scan# 3989

Delta R.T. -0.02 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Tgt	Ion:276	Resp: 2129705	
Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.8	28.2
138	20.5	17.0	25.4

