

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031319\
 Data File : BM019148.D
 Acq On : 13 Mar 2019 16:27
 Operator : JU/SJ
 Sample : PB117864BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117864BS

Manual Integrations
 APPROVED

Sohil
 3/14/2019 3:38:02 PM

Quant Time: Mar 14 07:48:48 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	7.66	152	215759	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	950061	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	591825	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1315300	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1326598	20.00	ng	0.00
87) Perylene-d12	23.50	264	1039906	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1949315	146.31	ng	0.00
7) Phenol-d6	6.85	99	2775579	142.43	ng	0.00
23) Nitrobenzene-d5	8.83	82	1534194	76.33	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1221930	139.84	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	3365966	73.98	ng	0.00
79) Terphenyl-d14	19.70	244	5450369	81.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	197898	33.391	ng	99
3) Pyridine	3.62	79	533939	33.114	ng	99
4) n-Nitrosodimethylamine	3.54	42	183591	36.625	ng	96
6) Aniline	7.00	93	768894	30.561	ng	99
8) 2-Chlorophenol	7.23	128	680077	42.478	ng	99
9) Benzaldehyde	6.82	77	341206	27.836	ng	99
10) Phenol	6.87	94	929595	44.263	ng	99
11) bis(2-Chloroethyl)ether	7.10	93	602249	37.580	ng	100
12) 1,3-Dichlorobenzene	7.55	146	638250	37.671	ng	99
13) 1,4-Dichlorobenzene	7.69	146	652317	37.765	ng	98
14) 1,2-Dichlorobenzene	8.00	146	635375	37.808	ng	99
15) Benzyl Alcohol	7.92	79	662554	41.080	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.19	45	602605	36.826	ng	99
17) 2-Methylphenol	8.11	107	598740	43.749	ng	99
18) Hexachloroethane	8.72	117	241641	37.648	ng	98
19) n-Nitroso-di-n-propylamine	8.47	70	597286	37.360	ng	98
20) 3+4-Methylphenols	8.44	107	823314	44.320	ng	98
22) Acetophenone	8.49	105	977559	37.232	ng	# 99
24) Nitrobenzene	8.87	77	832274	39.816	ng	99
25) Isophorone	9.39	82	1518500	39.595	ng	99
26) 2-Nitrophenol	9.57	139	360928	41.657	ng	98
27) 2,4-Dimethylphenol	9.63	122	656778	50.988	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	912660	40.190	ng	99
29) 2,4-Dichlorophenol	10.10	162	671624	47.079	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	649506	40.377	ng	100
31) Naphthalene	10.50	128	1976166	39.464	ng	99
32) Benzoic acid	9.81	122	468583m	42.954	ng	
33) 4-Chloroaniline	10.63	127	416369	20.284	ng	99
34) Hexachlorobutadiene	10.76	225	350624	37.982	ng	99
35) Caprolactam	11.45	113	223000m	43.882	ng	
36) 4-Chloro-3-methylphenol	11.75	107	777847	44.190	ng	98
37) 2-Methylnaphthalene	12.12	142	1506006	41.387	ng	99
38) 1-Methylnaphthalene	12.34	142	1445768	40.309	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	717480	38.325	ng	99

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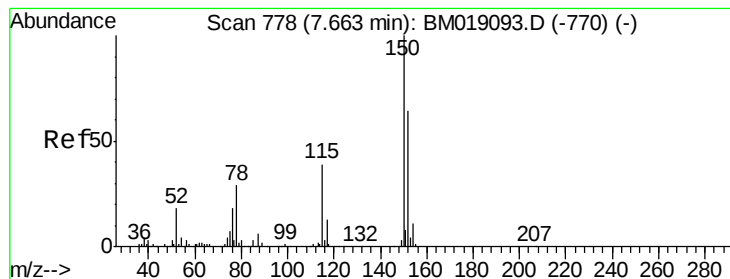
Manual Integrations
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Quant Time: Mar 14 07:48:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	762934	89.970	nq	99
43) 2,4,6-Trichlorophenol	12.74	196	545969	45.128	nq	97
44) 2,4,5-Trichlorophenol	12.81	196	588111m	45.459	nq	
46) 1,1'-Biphenyl	13.14	154	1992646	38.554	nq	99
47) 2-Chloronaphthalene	13.19	162	1546156	40.077	nq	99
48) 2-Nitroaniline	13.41	65	542954	41.964	nq	99
49) Acenaphthylene	14.03	152	2522191	38.665	nq	100
50) Dimethylphthalate	13.79	163	2035177	40.199	nq	99
51) 2,6-Dinitrotoluene	13.92	165	451636	41.267	nq	96
52) Acenaphthene	14.38	154	1460990	38.978	nq	99
53) 3-Nitroaniline	14.25	138	299881	25.871	nq	97
54) 2,4-Dinitrophenol	14.46	184	464299	73.051	nq	100
55) Dibenzofuran	14.72	168	2409040	39.853	nq	100
56) 4-Nitrophenol	14.57	139	750760	79.328	nq	97
57) 2,4-Dinitrotoluene	14.70	165	634732	39.954	nq	99
58) Fluorene	15.37	166	1976158	39.661	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	512964	42.591	nq	99
60) Diethylphthalate	15.15	149	2078493	40.536	nq	99
61) 4-Chlorophenyl-phenylether	15.36	204	981646	40.564	nq	99
62) 4-Nitroaniline	15.42	138	422937	36.206	nq	99
63) Azobenzene	15.66	77	2203898	40.846	nq	99
65) 4,6-Dinitro-2-methylphenol	15.47	198	313003	36.315	nq	97
66) n-Nitrosodiphenylamine	15.59	169	1725554	41.208	nq	99
67) 4-Bromophenyl-phenylether	16.26	248	587831	40.528	nq	97
68) Hexachlorobenzene	16.36	284	692967	40.186	nq	100
69) Atrazine	16.54	200	592825	42.056	nq	99
70) Pentachlorophenol	16.72	266	831157	80.001	nq	99
71) Phenanthrene	17.12	178	3035587	39.375	nq	99
72) Anthracene	17.20	178	3082635	40.845	nq	99
73) Carbazole	17.49	167	2833237	39.774	nq	99
74) Di-n-butylphthalate	18.03	149	3562166	41.354	nq	100
75) Fluoranthene	19.13	202	3429002	38.762	nq	100
77) Benzidine	19.34	184	1645957	43.749	nq	100
78) Pyrene	19.50	202	3486002	41.532	nq	100
80) Butylbenzylphthalate	20.40	149	1684963	46.089	nq	98
81) Benzo(a)anthracene	21.25	228	3187665	38.301	nq	100
82) 3,3'-Dichlorobenzidine	21.19	252	899383	28.052	nq	99
83) Chrysene	21.30	228	3113152	38.665	nq	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2483932	46.702	nq	98
85) Di-n-octyl phthalate	22.05	149	4124464	46.052	nq	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	3036345	35.032	nq	100
88) Benzo(b)fluoranthene	22.83	252	3057985	45.382	nq	99
89) Benzo(k)fluoranthene	22.88	252	2860510	46.154	nq	99
90) Benzo(a)pyrene	23.41	252	2741292	45.269	nq	100
91) Dibenzo(a,h)anthracene	25.78	278	2614885	45.141	nq	99
92) Benzo(g,h,i)perylene	26.46	276	2459928	46.254	nq	99

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



#1

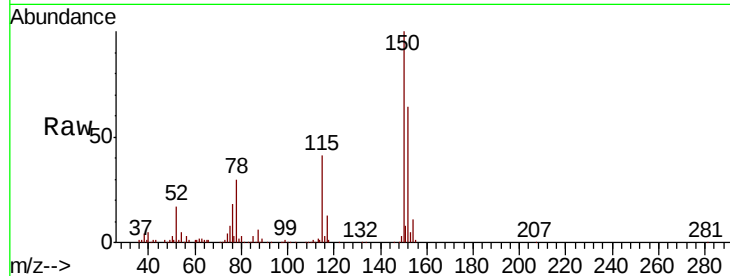
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Instrument :
BNA_M
ClientSampled :
PB117864BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	125.3	187.9
115	63.5	49.4	74.0

Manual Integrations
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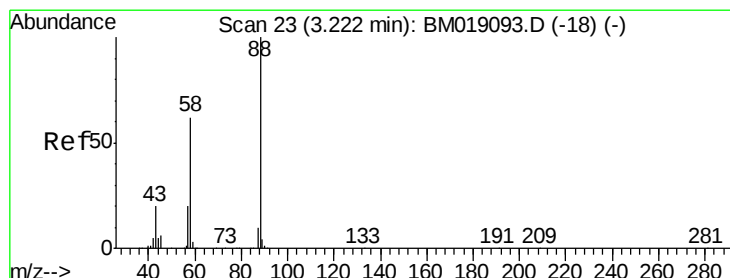
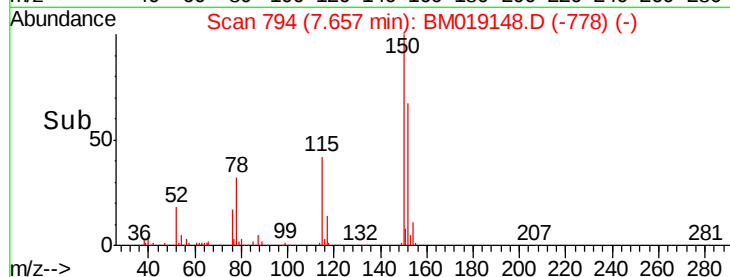
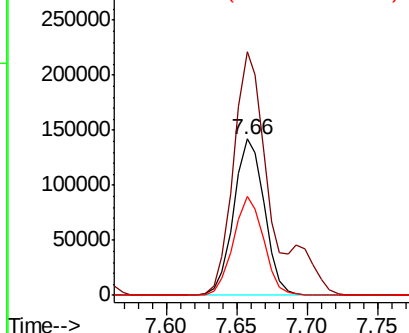


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

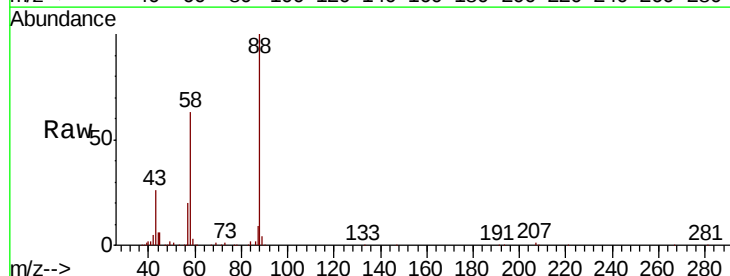
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.391 ng
RT: 3.22 min Scan# 40
Delta R.T. -0.00 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.8	50.0	75.0
43	22.4	17.0	25.4

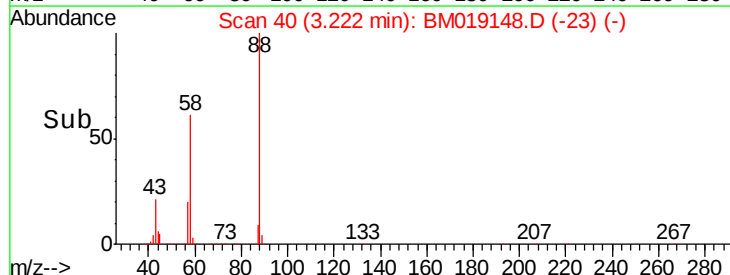
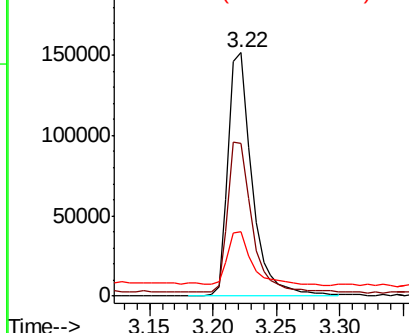


Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 33.114 ng

RT: 3.62 min Scan# 107

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Instrument :

BNA_M

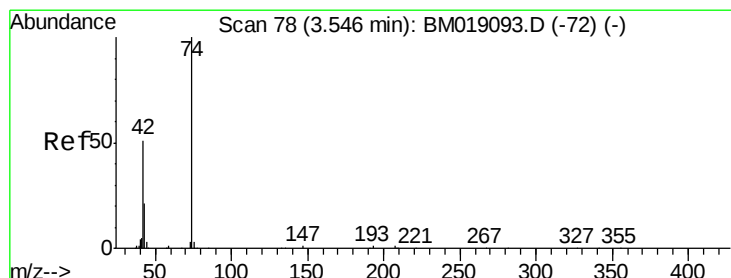
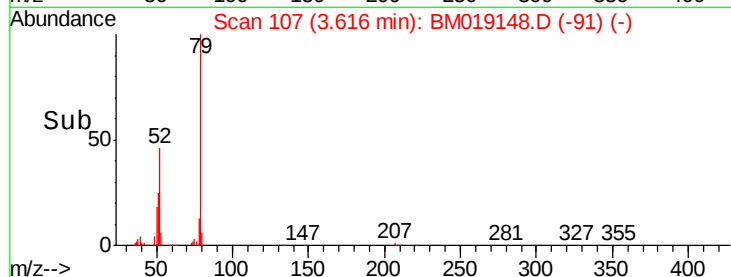
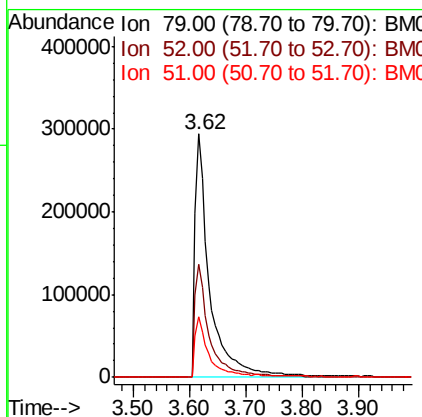
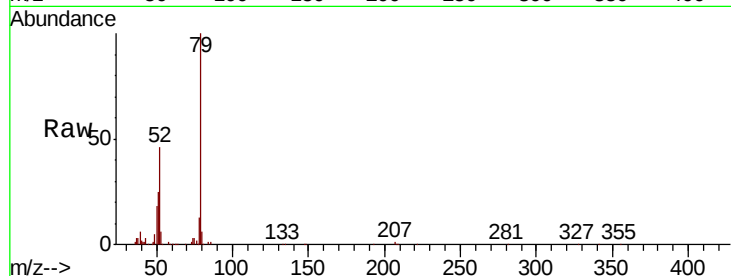
ClientSampleId :

PB117864BS

Tot Ion:	79	Resp:	533939
Ion	Ratio	Lower	Upper
79	100		
52	46.3	37.5	56.3
51	25.1	19.2	28.8

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#4

n-Nitrosodimethylamine

Concen: 36.625 ng

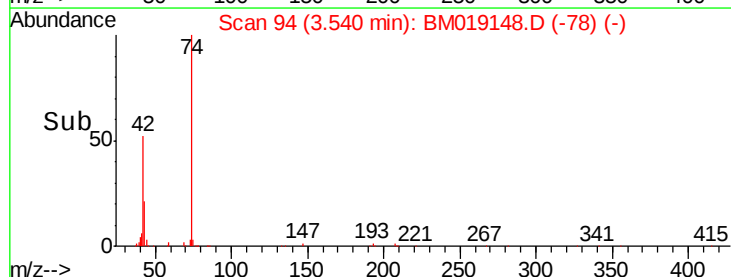
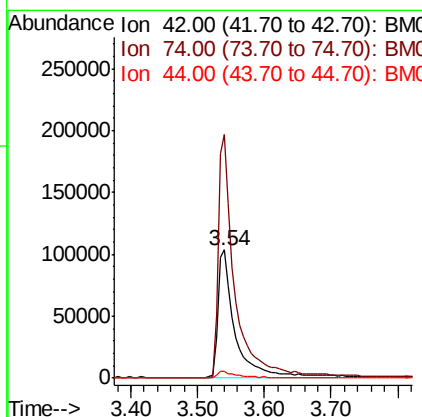
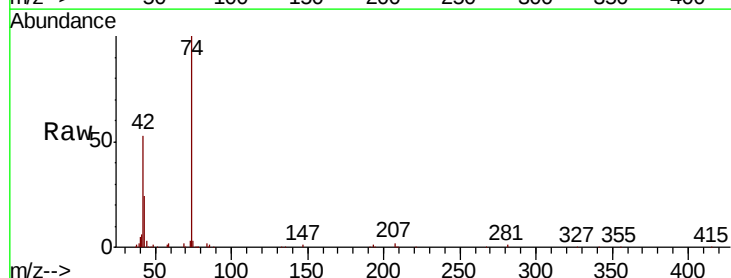
RT: 3.54 min Scan# 94

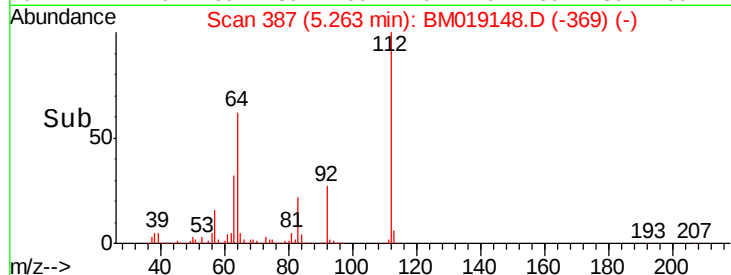
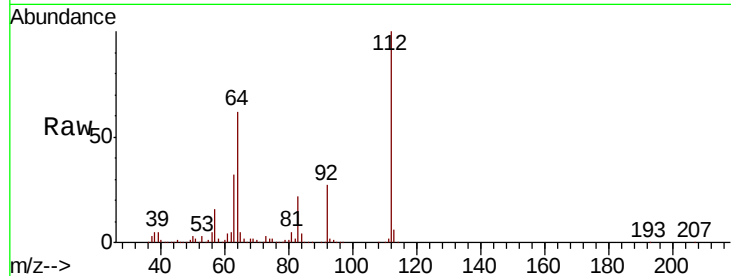
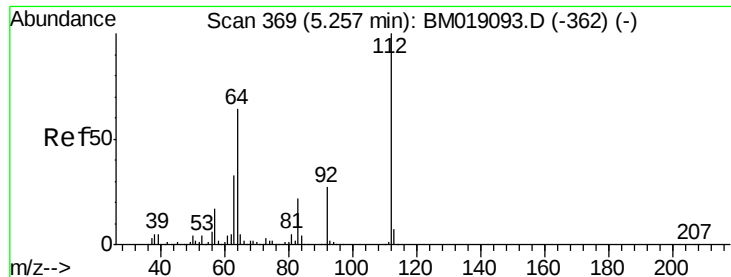
Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Tgt Ion:	42	Resp:	183591
Ion	Ratio	Lower	Upper
42	100		
74	189.8	156.3	234.5
44	5.6	4.6	7.0





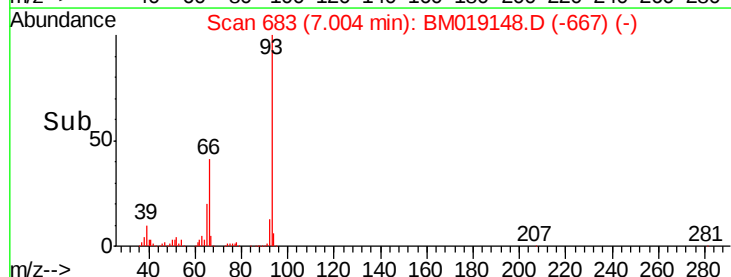
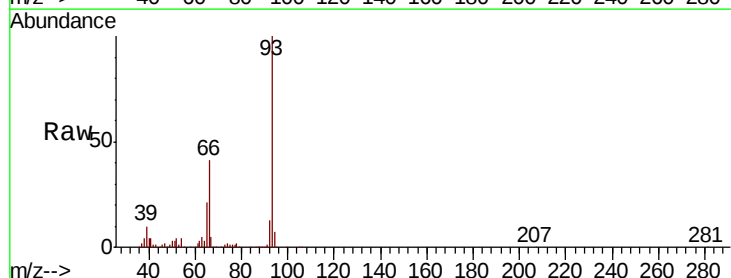
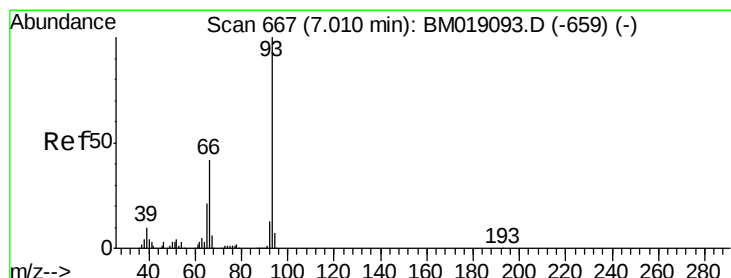
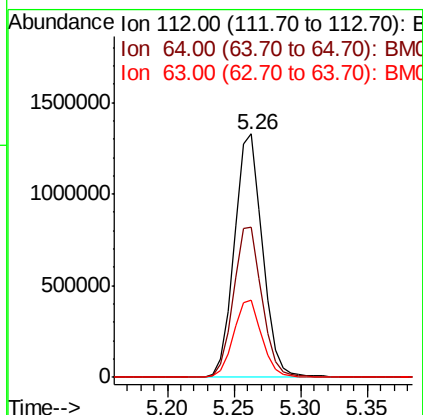
#5
2-Fluorophenol
Concen: 146.315 ng
RT: 5.26 min Scan# 387
Delta R.T. 0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Tot Ion	Ratio	Lower	Upper
112	100		
64	61.8	51.4	77.0
63	31.6	26.6	40.0

Instrument :
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ClientSampleId :
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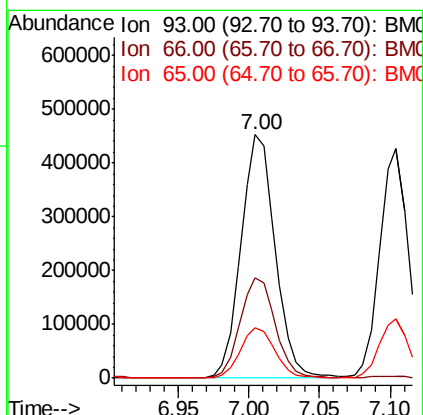
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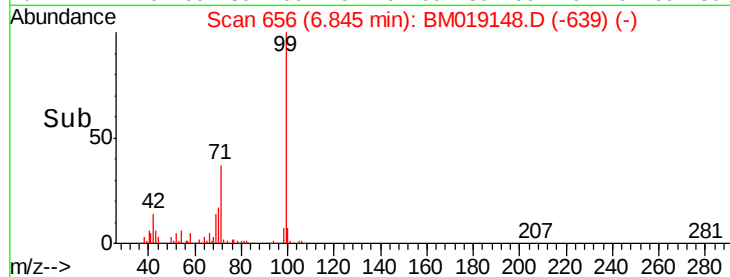
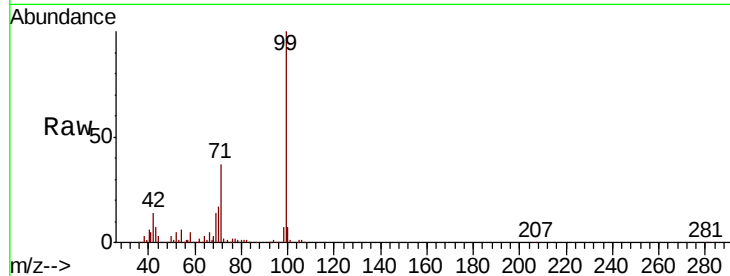
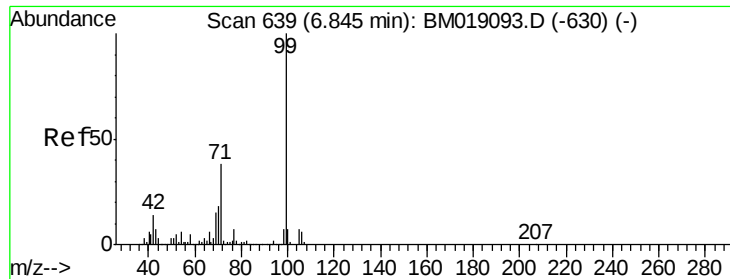
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#6
Aniline
Concen: 30.561 ng
RT: 7.00 min Scan# 683
Delta R.T. -0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Tgt Ion	Ratio	Lower	Upper
93	100		
66	41.1	33.4	50.2
65	20.9	16.8	25.2





#7

Phenol-d6

Concen: 142.430 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.00 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Tot Ion: 99 Resp: 2775579

Ion Ratio Lower Upper

99 100

42 13.8 10.9 16.3

71 37.4 30.3 45.5

Instrument :

BNA_M

ClientSampleId :

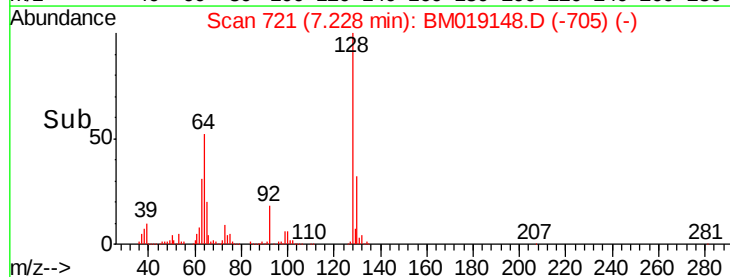
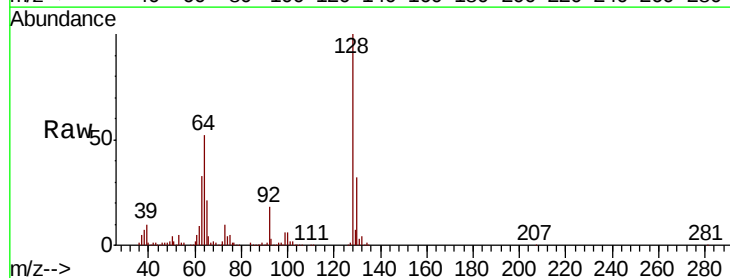
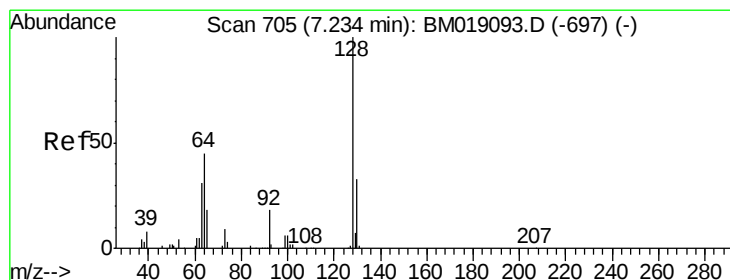
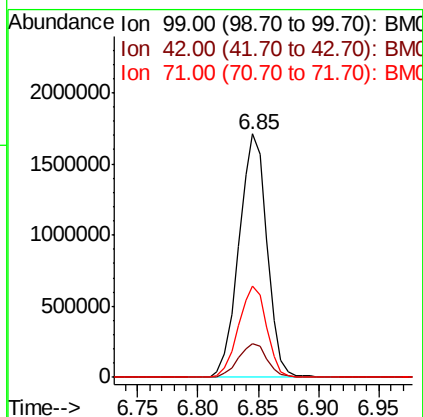
PB117864BS

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#8

2-Chlorophenol

Concen: 42.478 ng

RT: 7.23 min Scan# 721

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

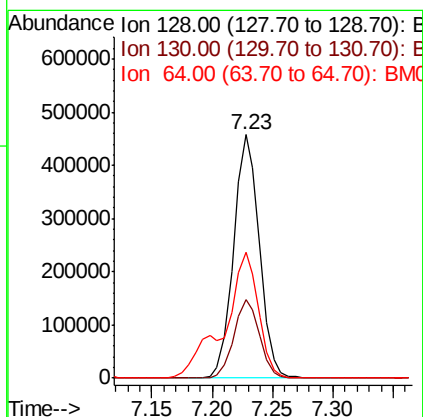
Tgt Ion: 128 Resp: 680077

Ion Ratio Lower Upper

128 100

130 32.3 12.8 52.8

64 51.6 30.8 70.8





#9

Benzaldehyde

Concen: 27.836 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Instrument :

BNA_M

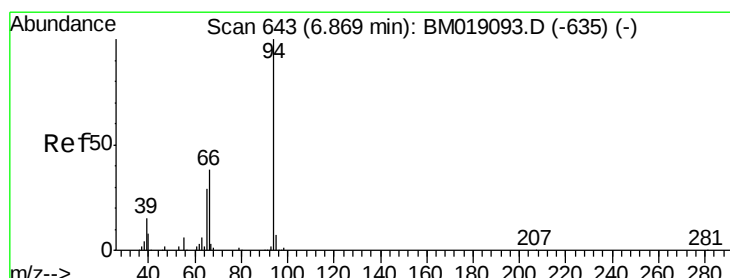
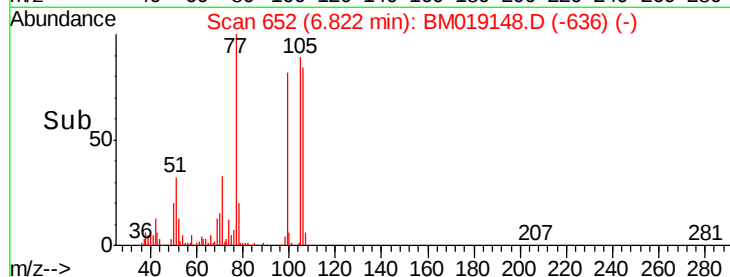
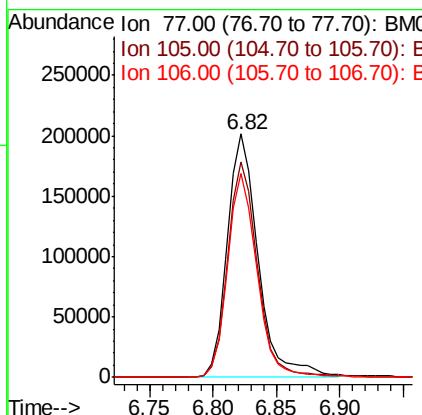
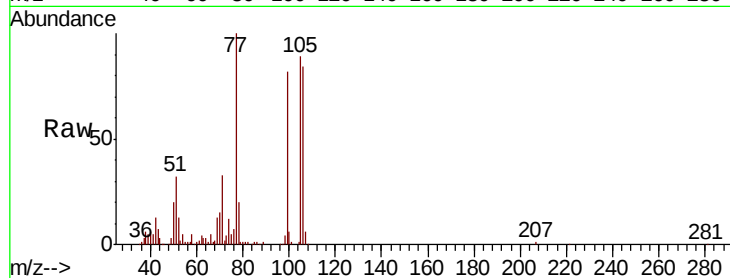
ClientSampled :

PB117864BS

Tot Ion:	77	Resp:	341206
Ion	Ratio	Lower	Upper
77	100		
105	88.6	67.7	107.7
106	83.8	64.1	104.1

Manual Integrations
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#10

Phenol

Concen: 44.263 ng

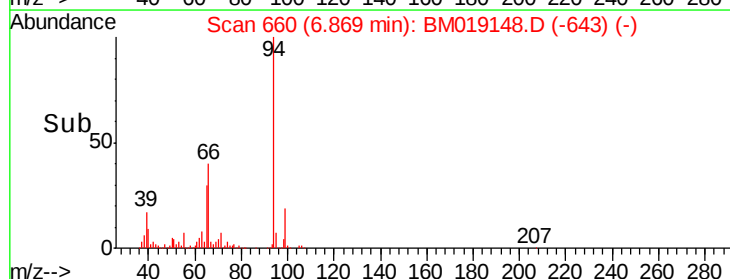
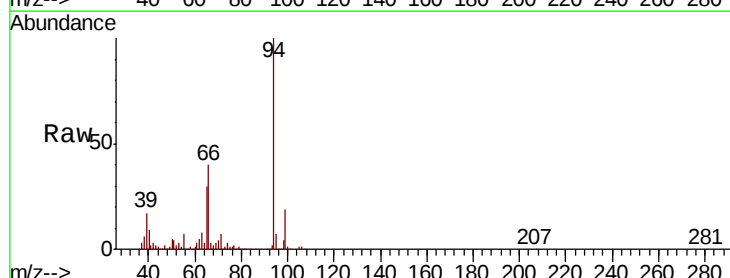
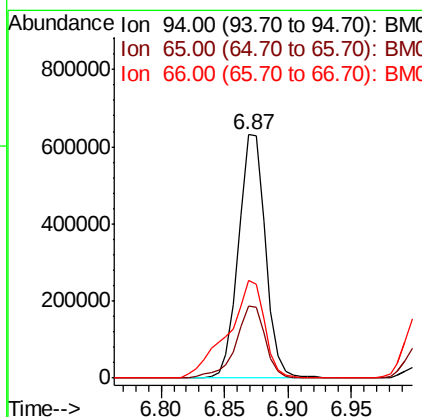
RT: 6.87 min Scan# 660

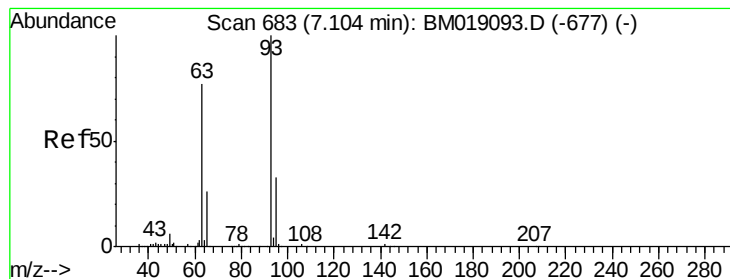
Delta R.T. -0.00 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Tgt Ion:	94	Resp:	929595
Ion	Ratio	Lower	Upper
94	100		
65	29.7	9.7	49.7
66	39.9	19.2	59.2





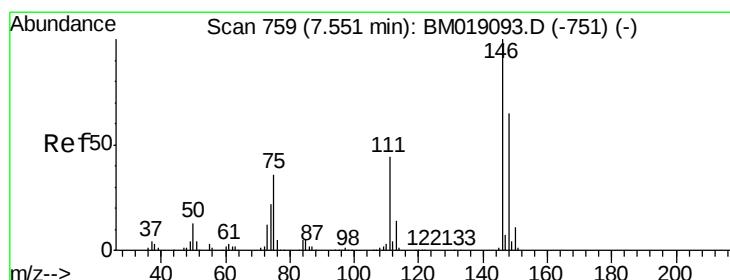
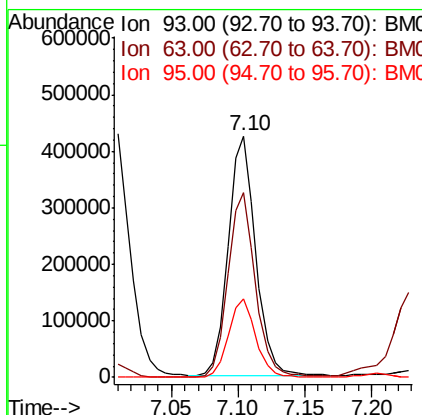
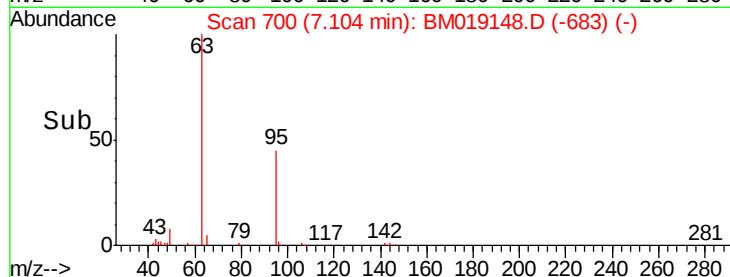
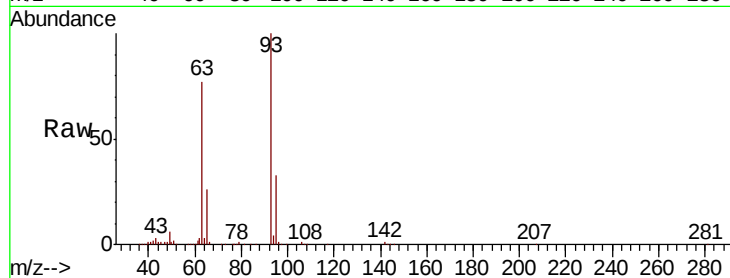
#11
bis(2-Chloroethyl)ether
Concen: 37.580 ng
RT: 7.10 min Scan# 700
Delta R.T. -0.00 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Instrument :
BNA_M
ClientSampleId :
PB117864BS

Tot Ion:	93	Resp:	602249
Ion	Ratio	Lower	Upper
93	100		
63	76.6	56.6	96.6
95	32.5	13.0	53.0

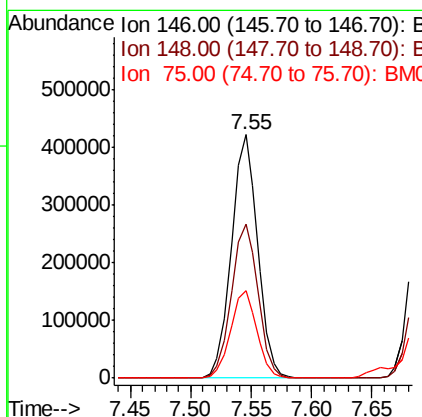
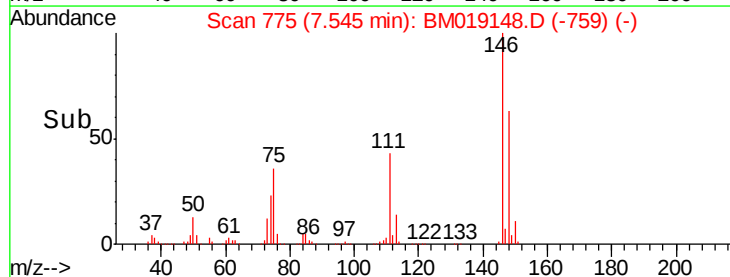
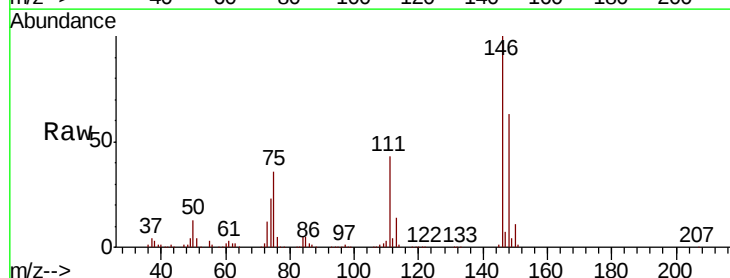
Manual Integrations
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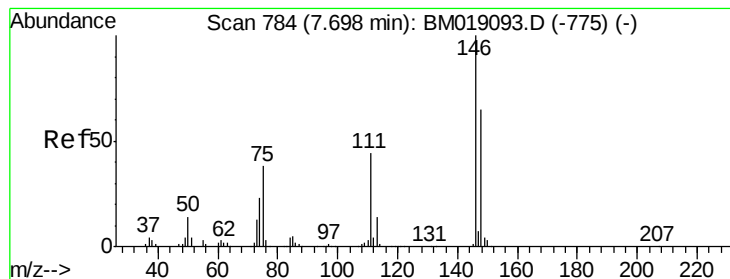
Sohil
3/14/2019 3:38:02 PM



#12
1,3-Dichlorobenzene
Concen: 37.671 ng
RT: 7.55 min Scan# 775
Delta R.T. -0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Tgt Ion:	146	Resp:	638250
Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.7	77.5
75	35.8	29.1	43.7





#13

1,4-Dichlorobenzene

Concen: 37.765 ng

RT: 7.69 min Scan# 800

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Instrument :

BNA_M

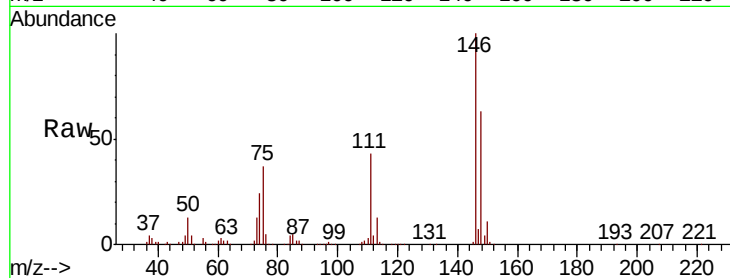
ClientSampled :

PB117864BS

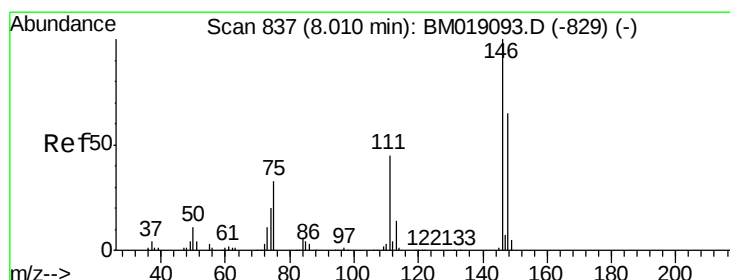
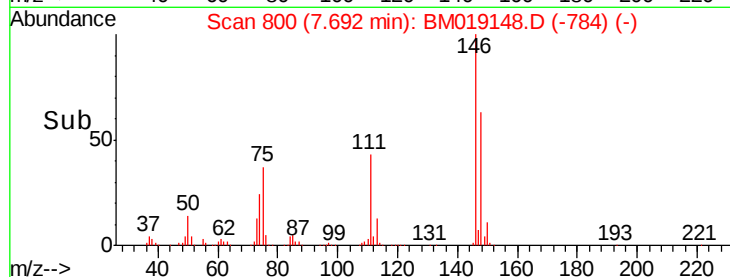
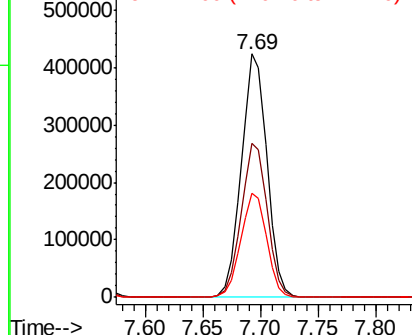
Tot Ion:	146	Resp:	652317
Ion Ratio	Lower	Upper	
146	100		
148	63.2	51.8	77.6
111	42.9	35.4	53.0

Manual Integrations
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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.808 ng

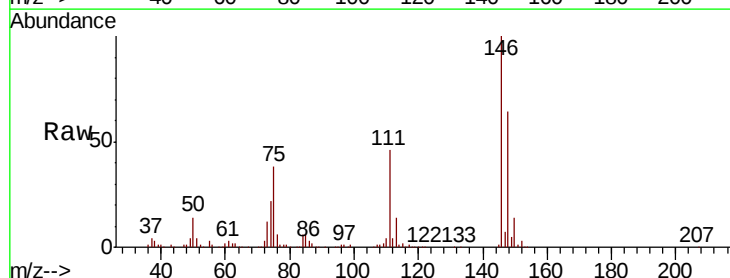
RT: 8.00 min Scan# 853

Delta R.T. -0.01 min

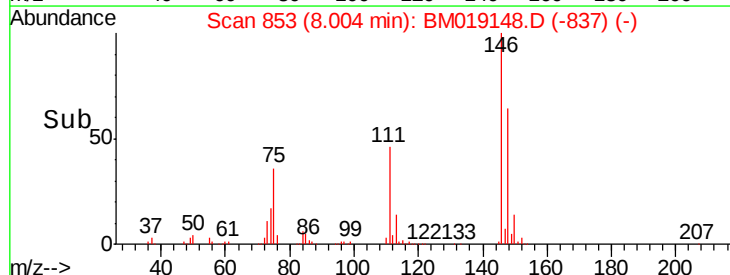
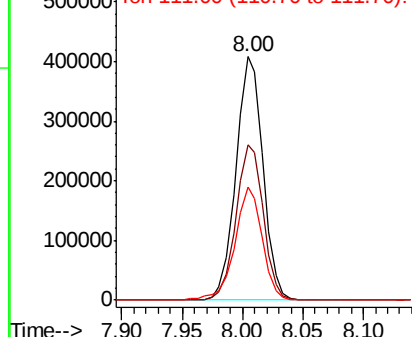
Lab File: BM019148.D

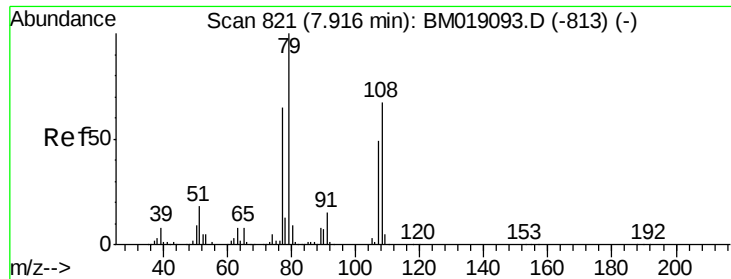
Acq: 13 Mar 2019 16:27

Tgt Ion:	146	Resp:	635375
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.8	77.6
111	46.2	36.2	54.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.080 ng

RT: 7.92 min Scan# 838

Delta R.T. -0.00 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Instrument :

BNA_M

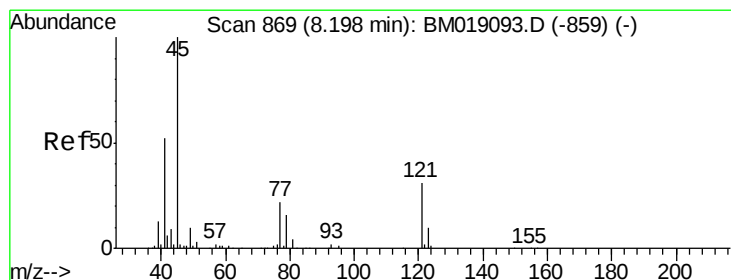
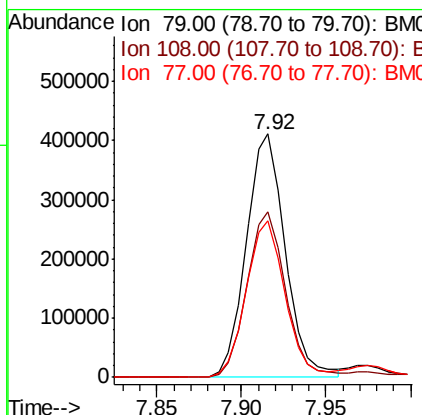
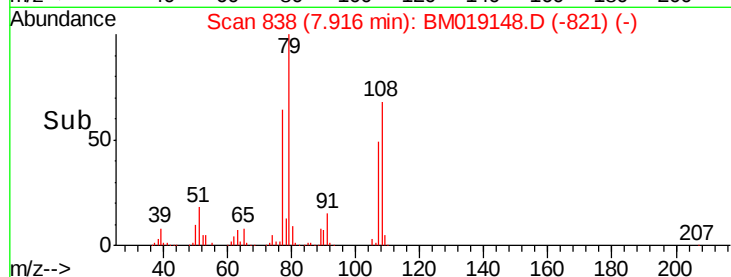
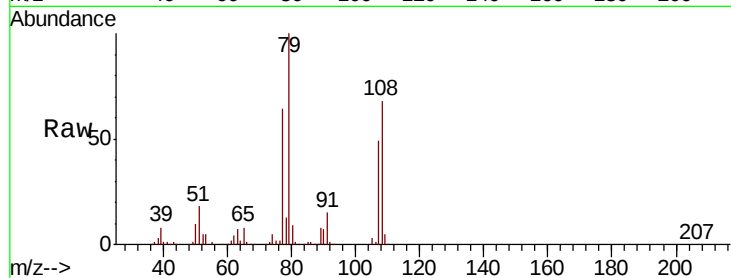
ClientSampleID :

PB117864BS

Tot Ion:	79	Resp:	662554
Ion	Ratio	Lower	Upper
79	100		
108	67.9	53.7	80.5
77	64.3	51.8	77.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.826 ng

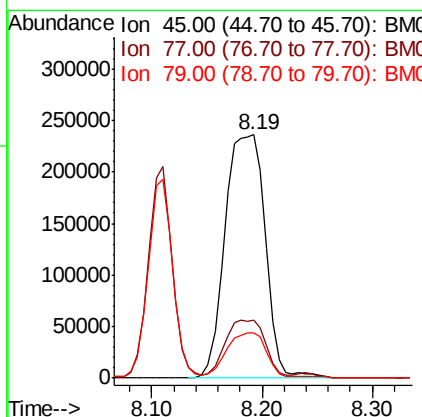
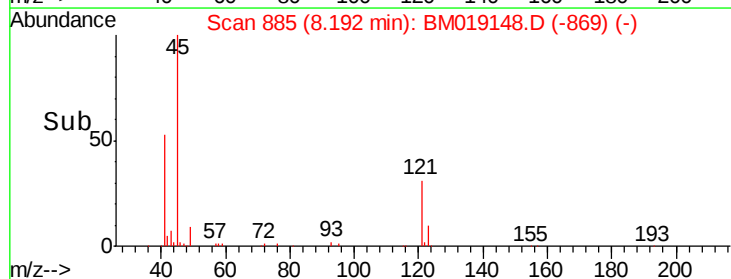
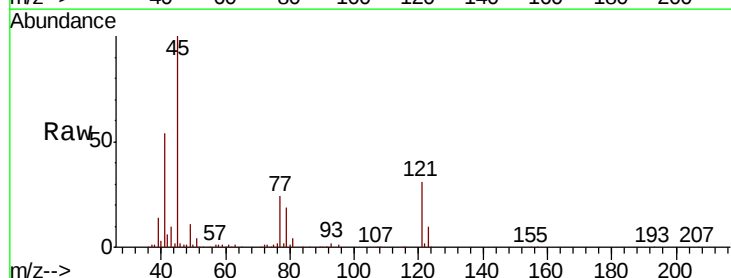
RT: 8.19 min Scan# 885

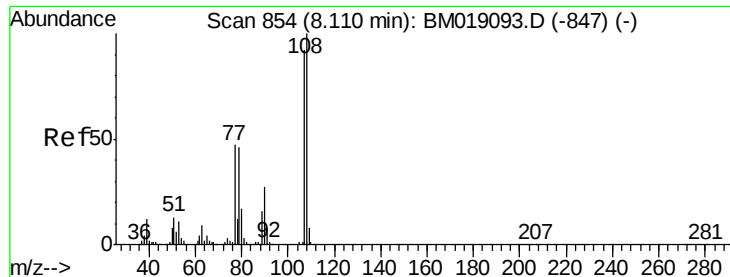
Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Tgt Ion:	45	Resp:	602605
Ion	Ratio	Lower	Upper
45	100		
77	23.9	4.1	44.1
79	18.7	0.0	38.1





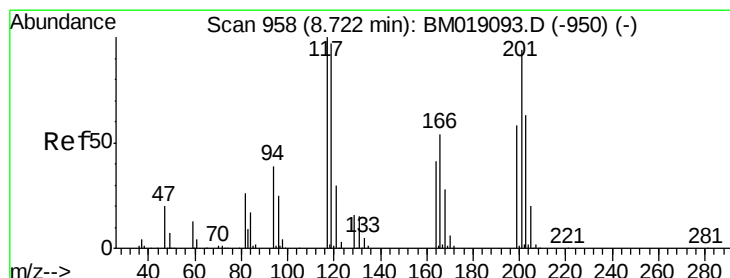
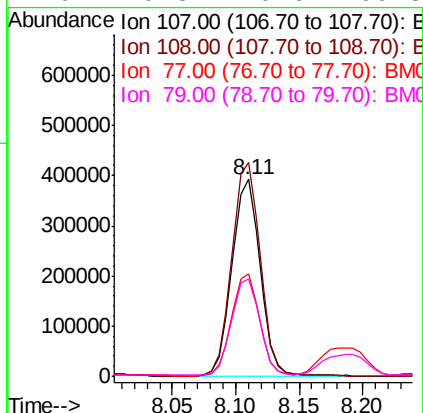
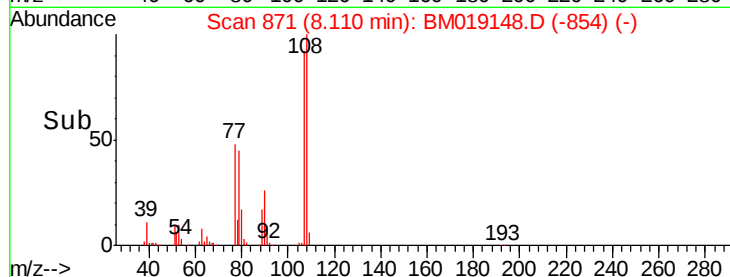
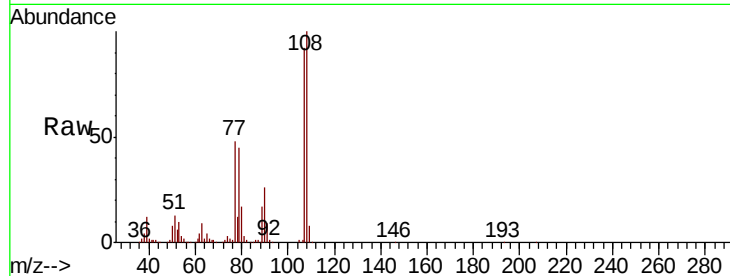
#17
2-Methylphenol
Concen: 43.749 ng
RT: 8.11 min Scan# 871
Delta R.T. -0.00 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Instrument :
BNA_M
ClientSampleId :
PB117864BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.6	87.4	131.2	
77	52.3	41.6	62.4	
79	49.3	40.6	60.8	

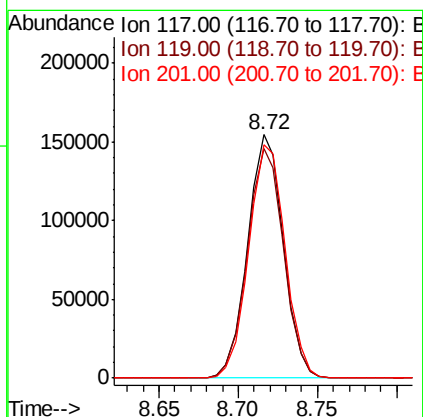
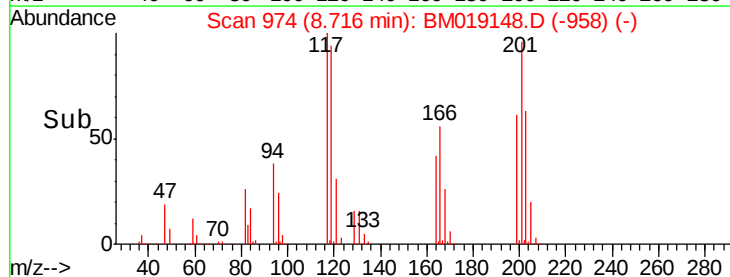
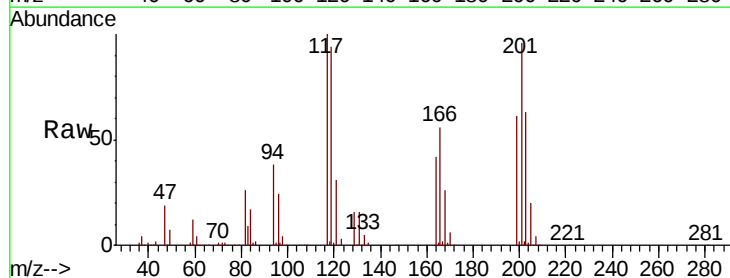
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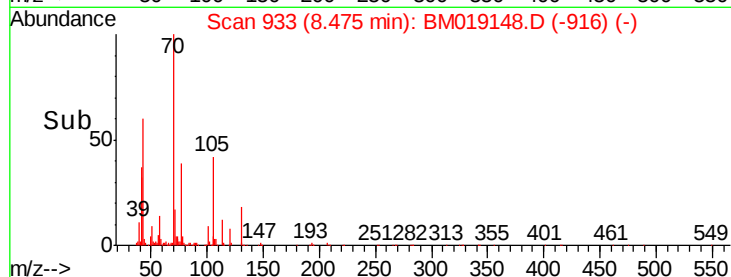
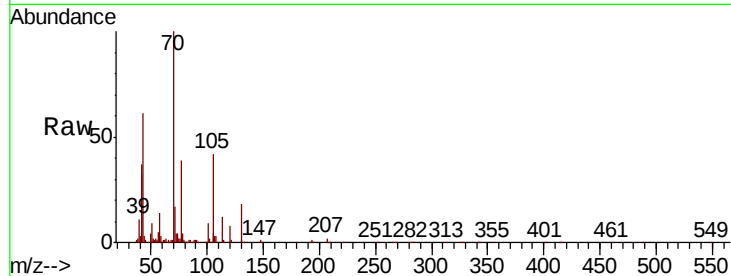
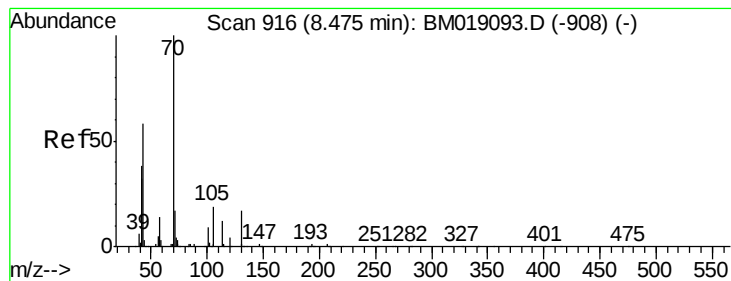
Sohil
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#18
Hexachloroethane
Concen: 37.648 ng
RT: 8.72 min Scan# 974
Delta R.T. -0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.0	77.4	116.2	
201	95.9	75.2	112.8	





#19

n-Nitroso-di-n-propylamine

Concen: 37.360 ng

RT: 8.47 min Scan# 933

Delta R.T. -0.00 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Tot Ion	Ratio	Lower	Upper
70	100		
42	37.0	30.6	45.8
101	8.8	6.8	10.2
130	18.1	13.9	20.9

Instrument :

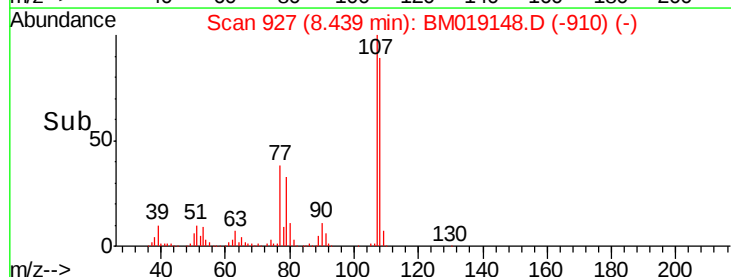
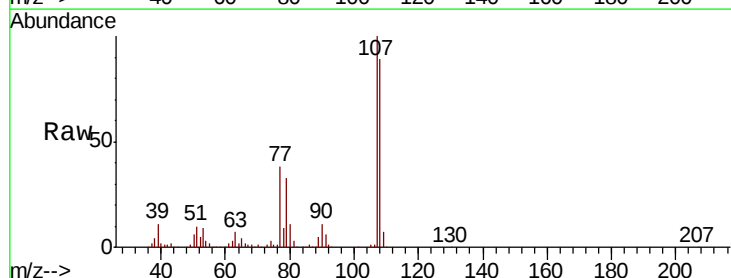
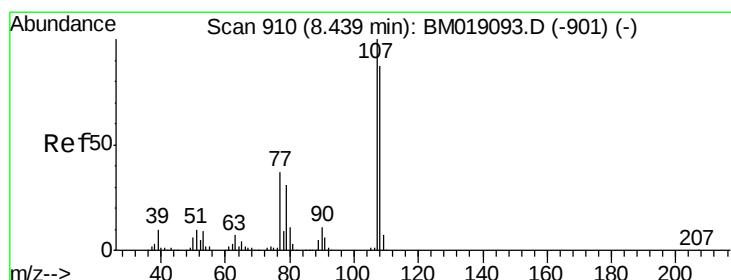
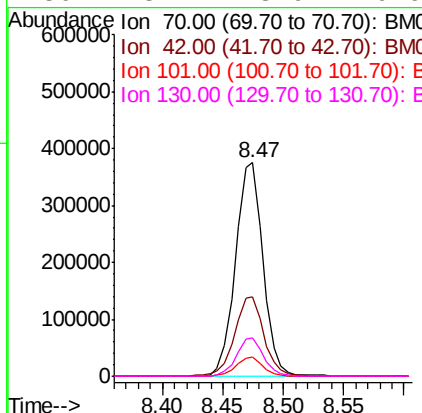
BNA_M

ClientSampleId :

PB117864BS

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#20

3+4-Methylphenols

Concen: 44.320 ng

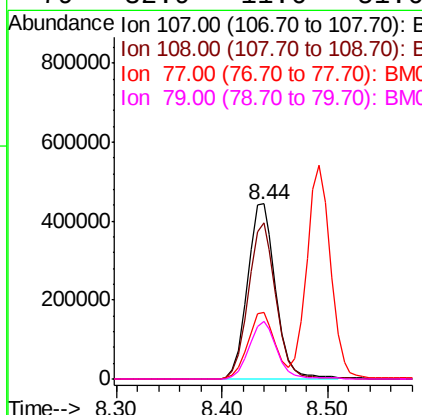
RT: 8.44 min Scan# 927

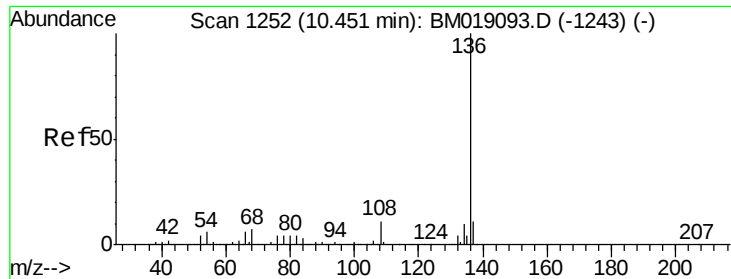
Delta R.T. -0.00 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.0	67.0	107.0
77	37.8	17.3	57.3
79	32.9	11.6	51.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Instrument :

BNA_M

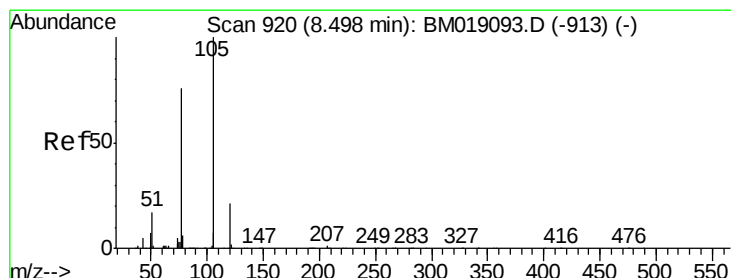
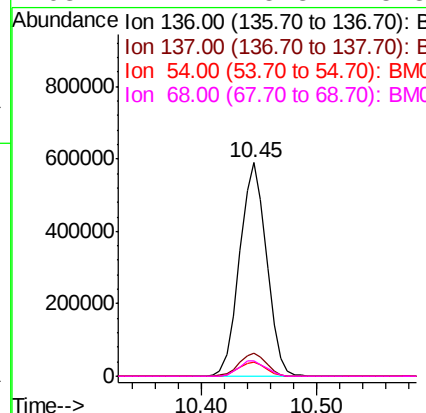
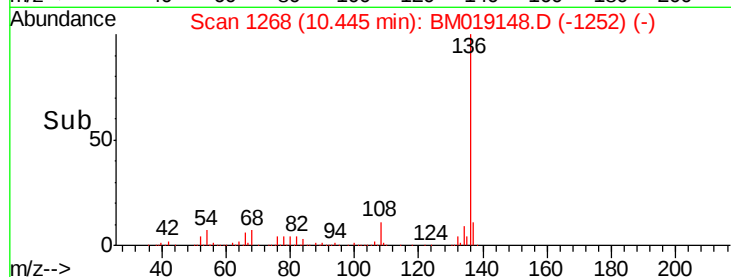
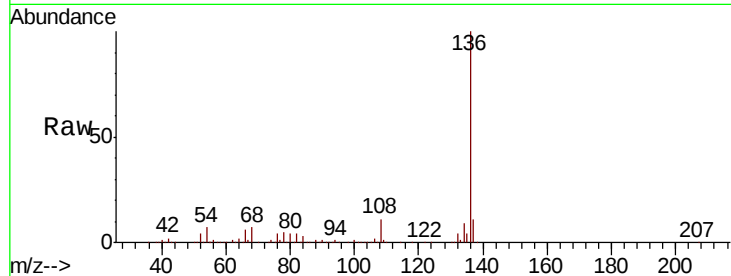
ClientSampleId :

PB117864BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	950061		
137	11.1		8.6	13.0
54	6.7		5.2	7.8
68	7.4		5.8	8.8

Manual Integrations
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#22

Acetophenone

Concen: 37.232 ng

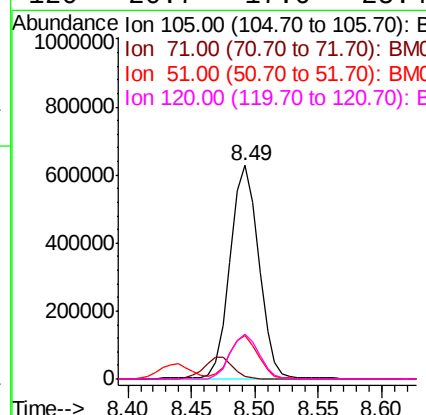
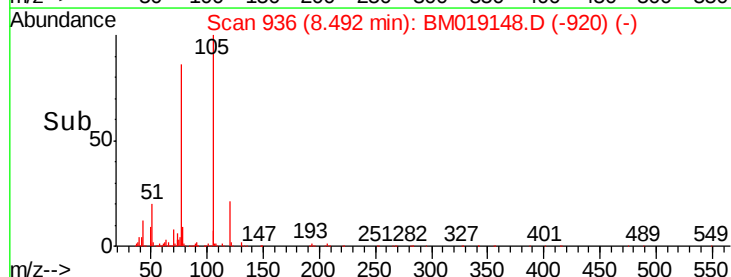
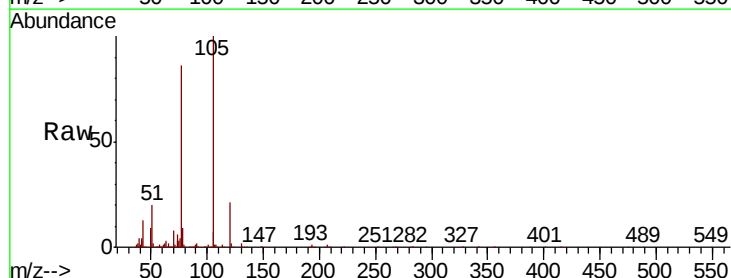
RT: 8.49 min Scan# 936

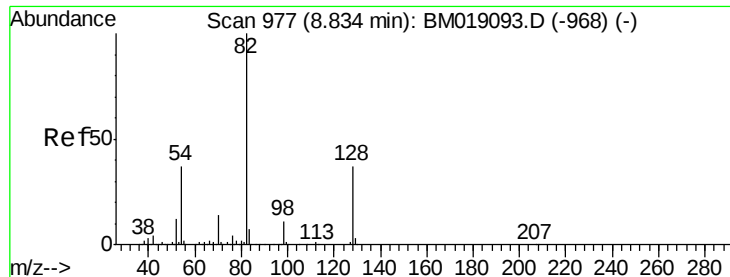
Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	977559		
71	1.3		0.8	1.2#
51	20.2		15.8	23.6
120	20.7		17.0	25.4





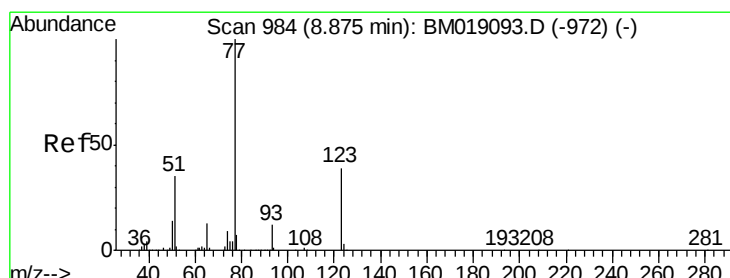
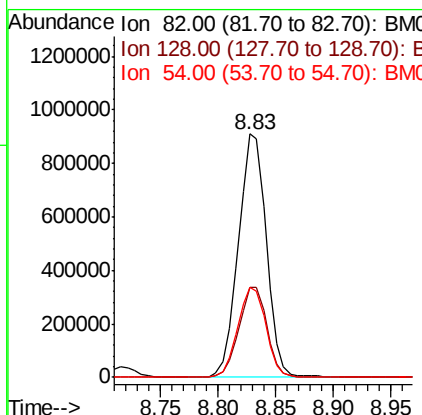
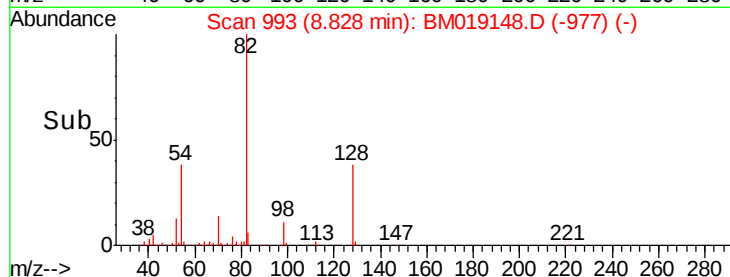
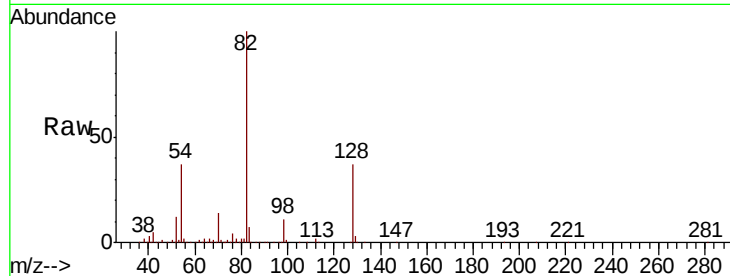
#23
Nitrobenzene-d5
Concen: 76.334 ng
RT: 8.83 min Scan# 993
Delta R.T. -0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Instrument :
BNA_M
ClientSampleId :
PB117864BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.2	29.4	44.2
54	37.0	29.9	44.9

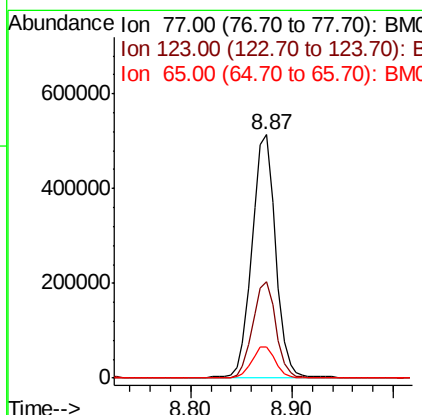
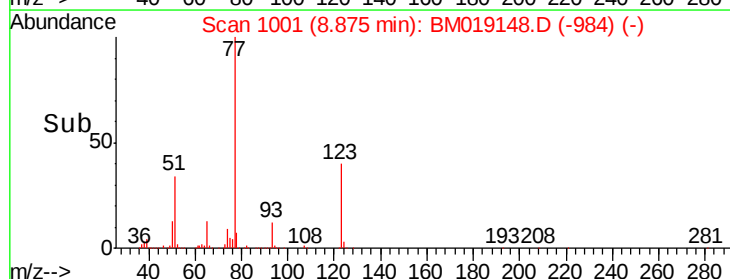
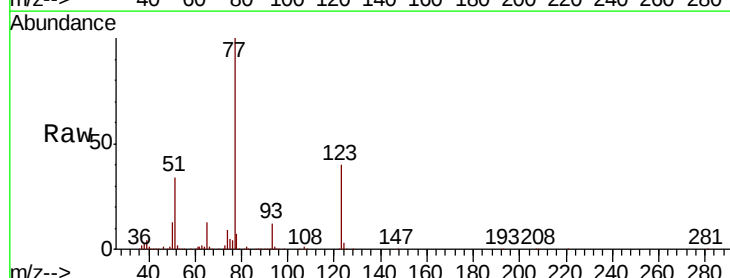
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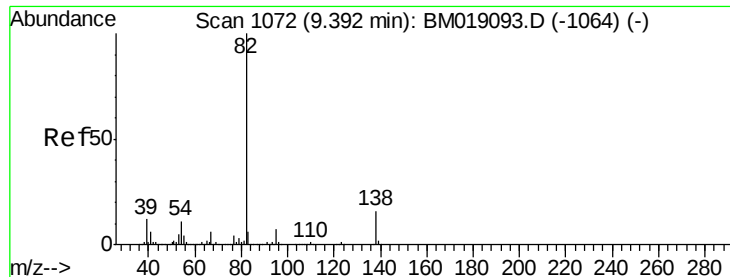
Sohil
3/14/2019 3:38:02 PM



#24
Nitrobenzene
Concen: 39.816 ng
RT: 8.87 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.6	31.3	46.9
65	12.8	10.5	15.7





#25

Isophorone

Concen: 39.595 ng

RT: 9.39 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Instrument :

BNA_M

ClientSampleId :

PB117864BS

Tot Ion: 82 Resp: 1518500

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

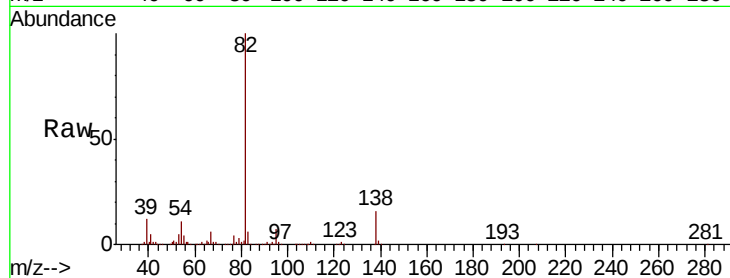
138 16.0 12.6 18.8

Manual Integrations

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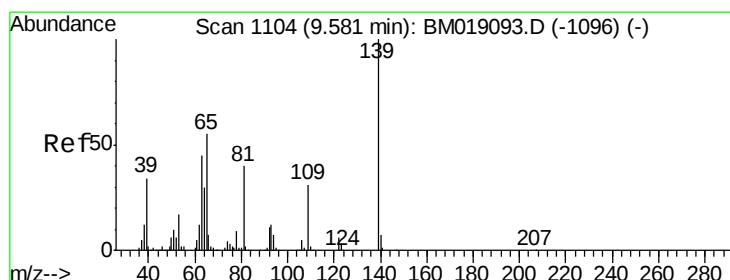
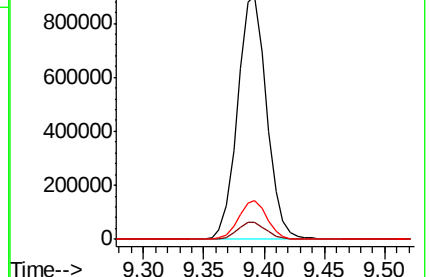
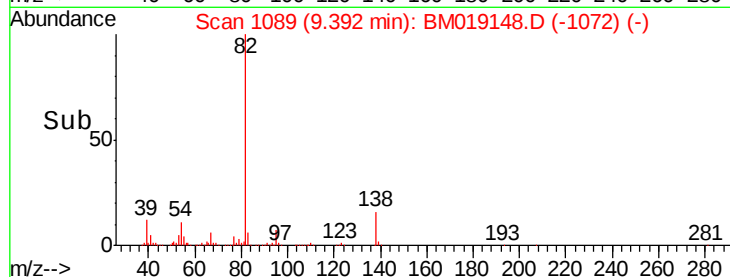
3/14/2019 3:38:02 PM



Abundance Ion 82.00 (81.70 to 82.70): BM019148.D (-1072) (-)

Ion 95.00 (94.70 to 95.70): BM019148.D (-1072) (-)

Ion 138.00 (137.70 to 138.70): BM019148.D (-1072) (-)



#26

2-Nitrophenol

Concen: 41.657 ng

RT: 9.57 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

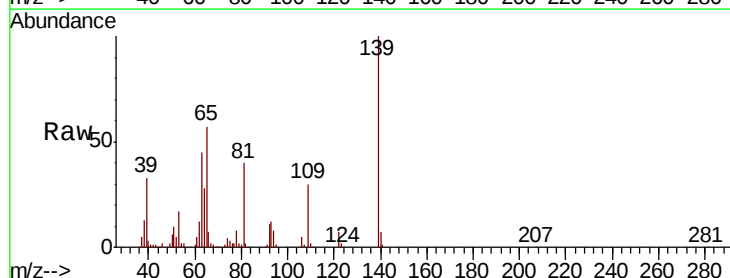
Tgt Ion: 139 Resp: 360928

Ion Ratio Lower Upper

139 100

109 29.5 24.5 36.7

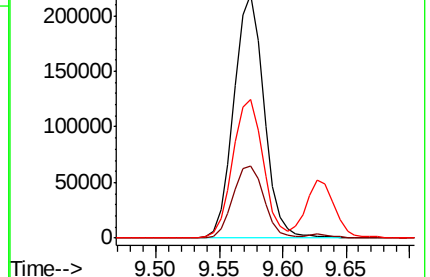
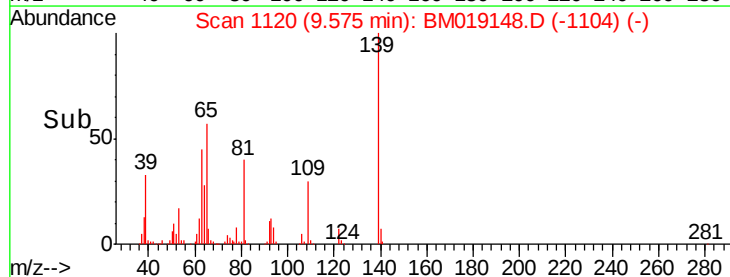
65 57.0 44.4 66.6



Abundance Ion 139.00 (138.70 to 139.70): BM019148.D (-1104) (-)

Ion 109.00 (108.70 to 109.70): BM019148.D (-1104) (-)

Ion 65.00 (64.70 to 65.70): BM019148.D (-1104) (-)





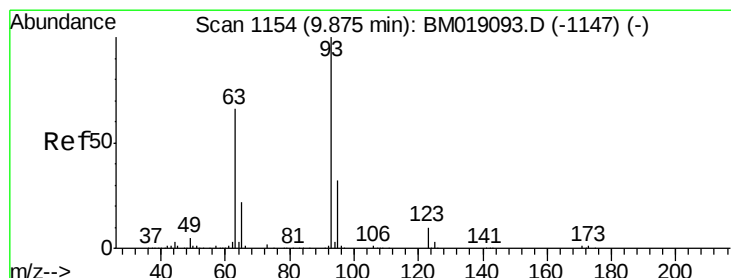
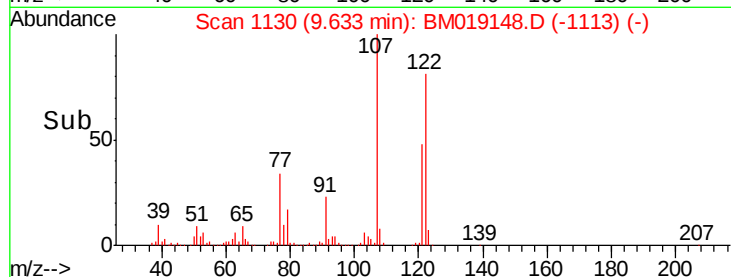
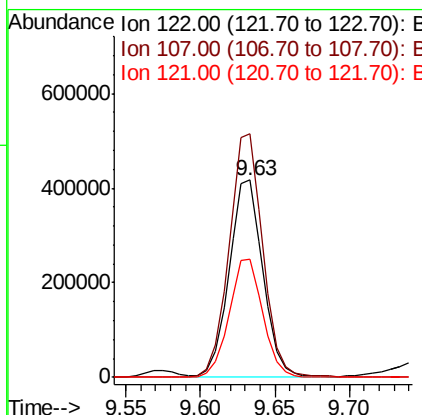
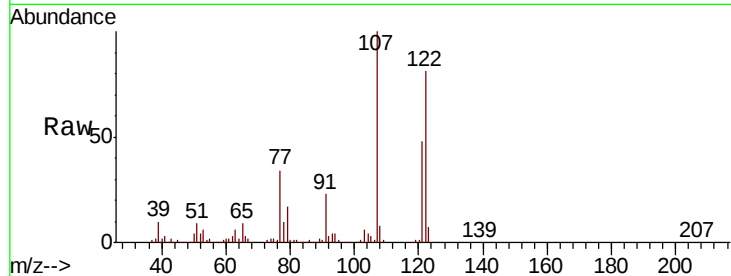
#27
 2,4-Dimethylphenol
 Concen: 50.988 ng
 RT: 9.63 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BM019148.D
 Acq: 13 Mar 2019 16:27

Instrument :
 BNA_M
 ClientSampleId :
 PB117864BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	656778		
107	123.5	98.2	147.4	
121	59.9	48.8	73.2	

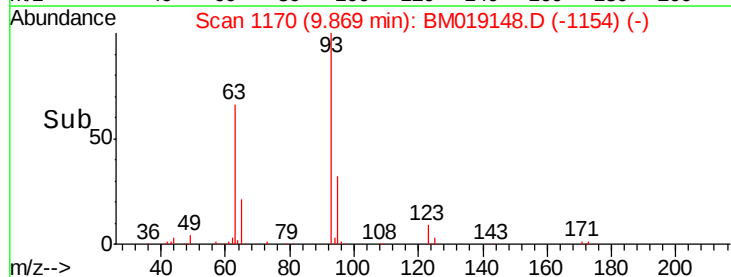
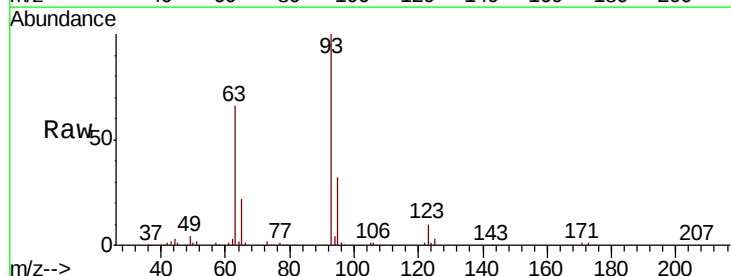
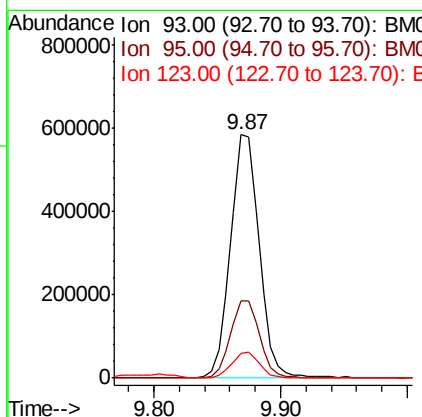
Manual Integrations
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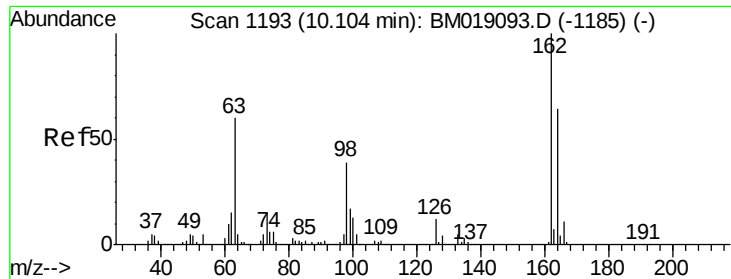
Sohil
 3/14/2019 3:38:02 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.190 ng
 RT: 9.87 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BM019148.D
 Acq: 13 Mar 2019 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	912660		
95	31.6	25.8	38.8	
123	10.0	7.9	11.9	





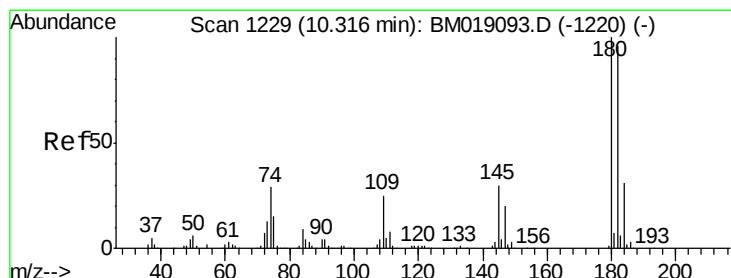
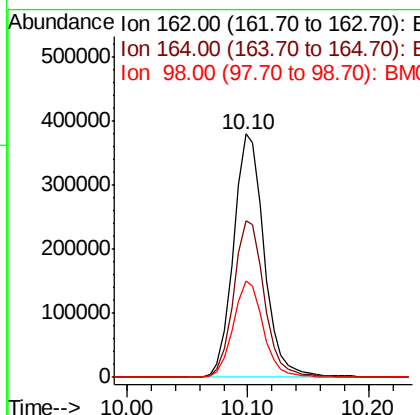
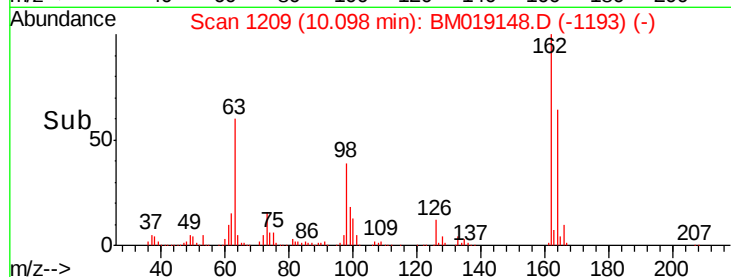
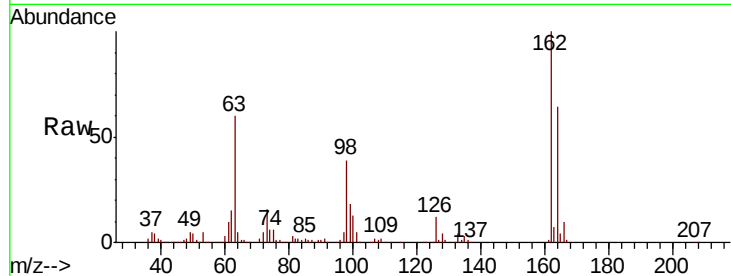
#29
2,4-Dichlorophenol
Concen: 47.079 ng
RT: 10.10 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Instrument :
BNA_M
ClientSampled :
PB117864BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	671624		
164	64.2	43.5	83.5	
98	39.5	19.1	59.1	

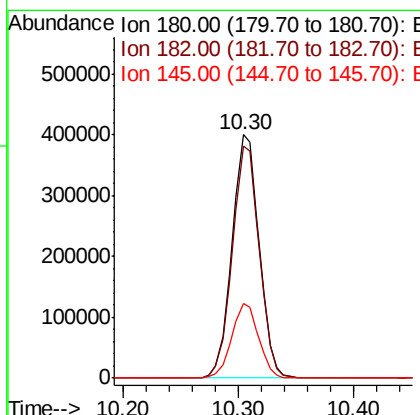
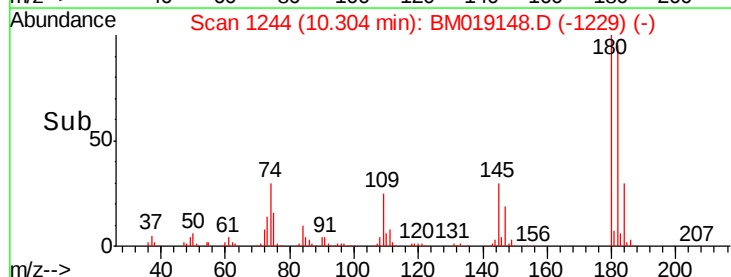
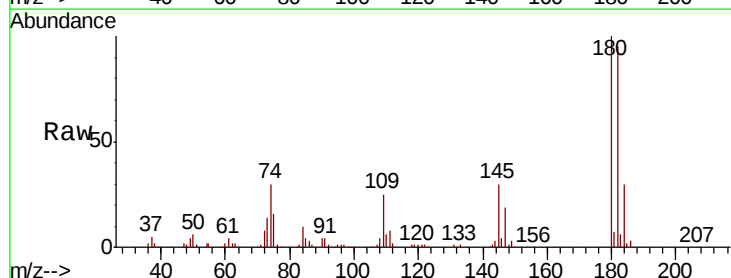
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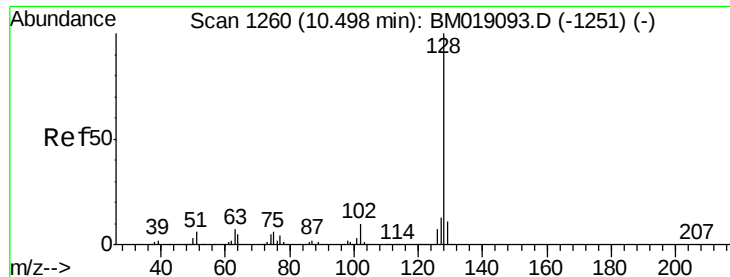
Sohil
3/14/2019 3:38:02 PM



#30
1,2,4-Trichlorobenzene
Concen: 40.377 ng
RT: 10.30 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	649506		
182	95.3	76.6	114.8	
145	30.5	24.3	36.5	





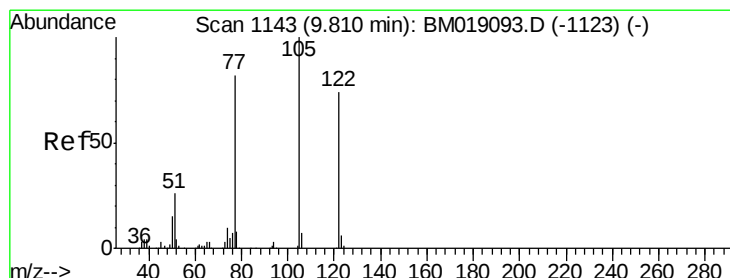
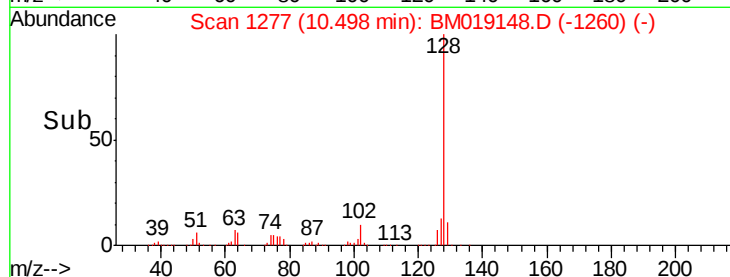
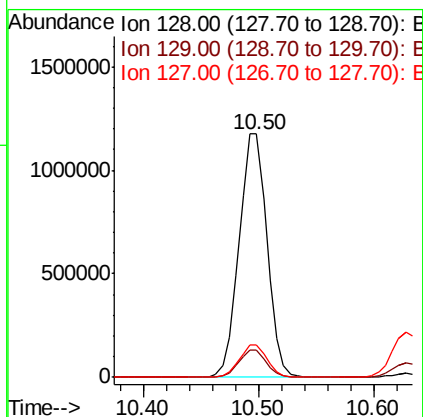
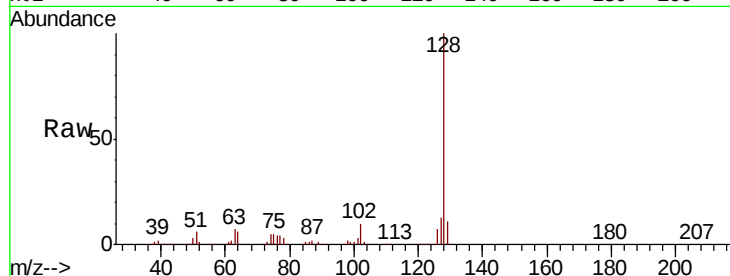
#31
Naphthalene
Concen: 39.464 ng
RT: 10.50 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Instrument :
BNA_M
ClientSampleId :
PB117864BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.3	10.4	15.6

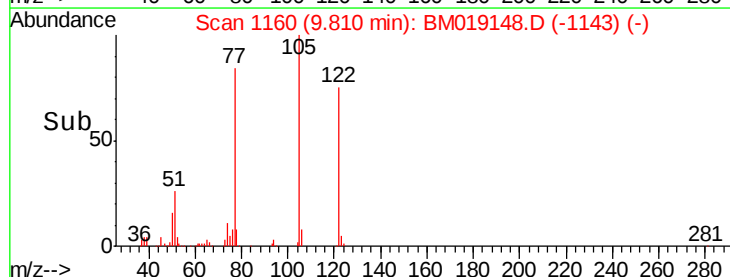
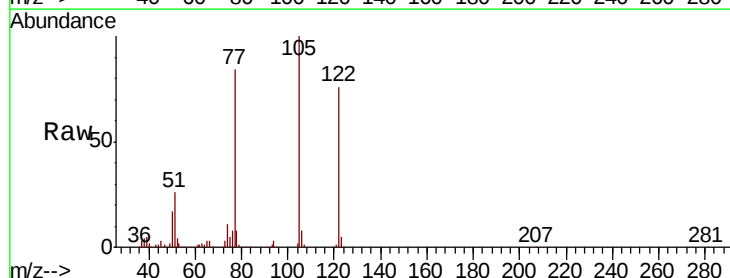
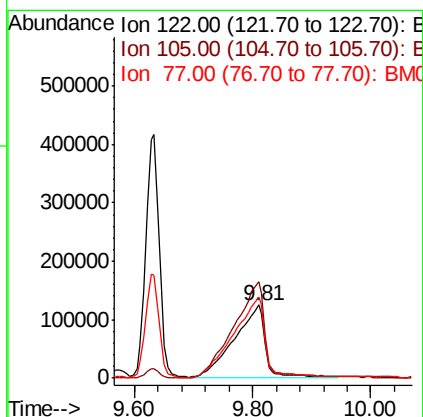
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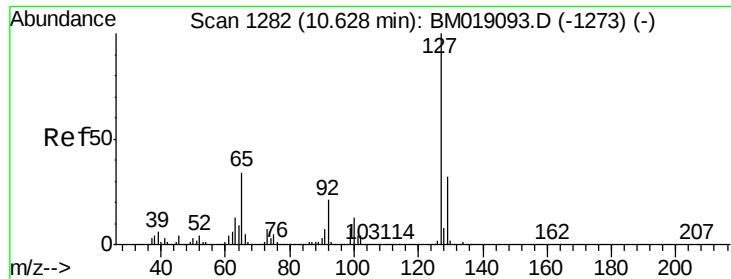
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#32
Benzoic acid
Concen: 42.954 ng m
RT: 9.81 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.1	113.0	153.0
77	110.8	90.1	130.1





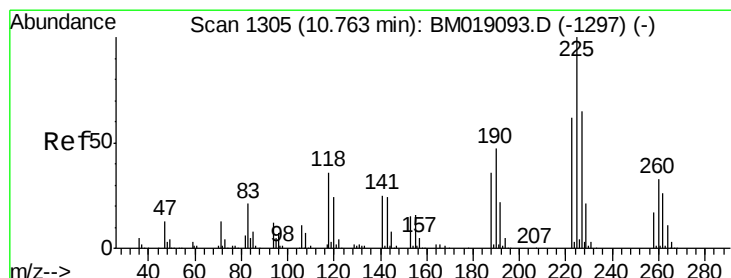
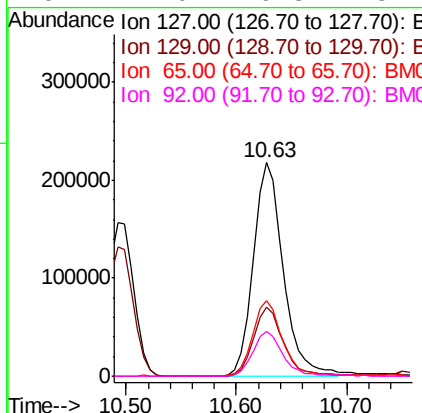
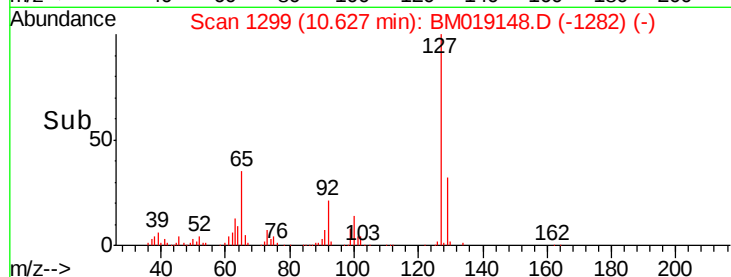
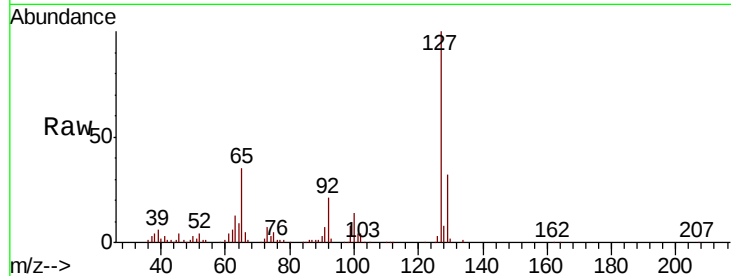
#33
4-Chloroaniline
Concen: 20.284 ng
RT: 10.63 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Instrument :
BNA_M
ClientSampleId :
PB117864BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.3	37.9
65	35.1	27.4	41.2
92	21.0	16.8	25.2

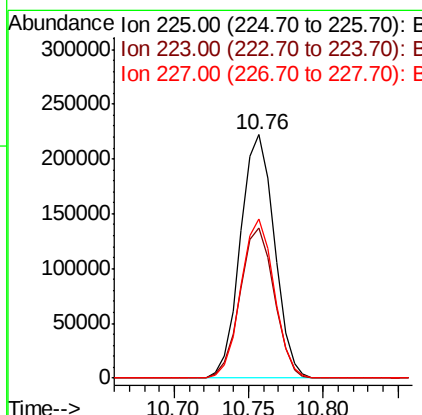
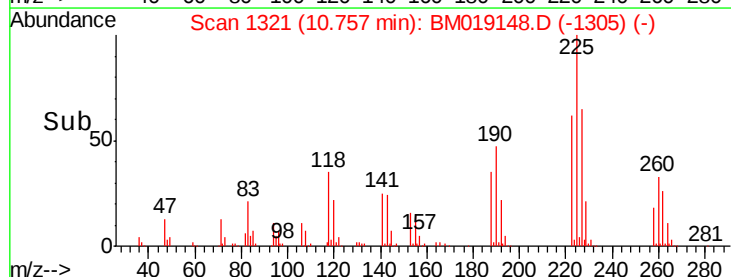
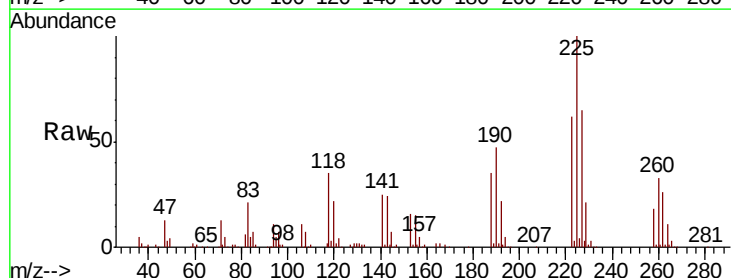
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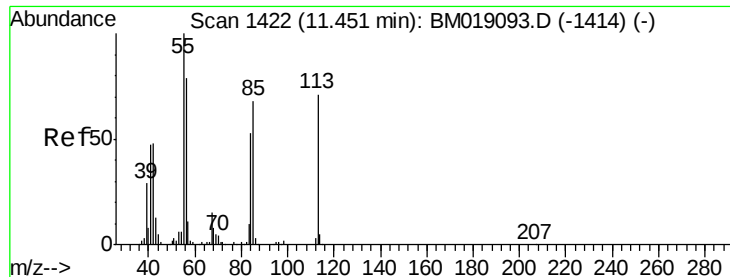
Sohil
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#34
Hexachlorobutadiene
Concen: 37.982 ng
RT: 10.76 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.4	74.0
227	65.1	51.6	77.4





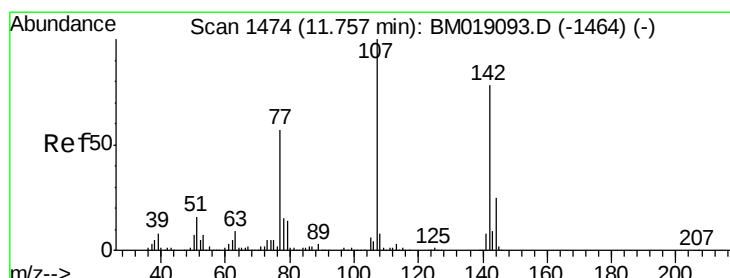
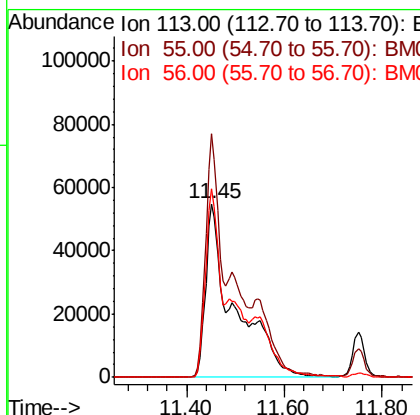
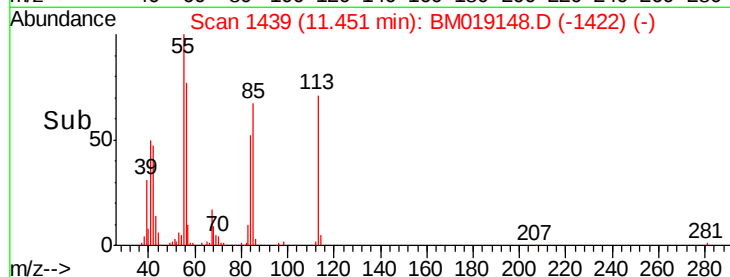
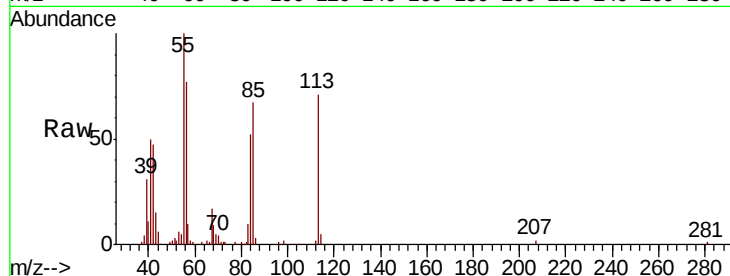
#35
 Caprolactam
 Concen: 43.882 ng/ml
 RT: 11.45 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BM019148.D
 Acq: 13 Mar 2019 16:27

Instrument :
 BNA_M
 ClientSampleId :
 PB117864BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		223000		
55	140.4		120.1	160.1	
56	108.6		90.1	130.1	

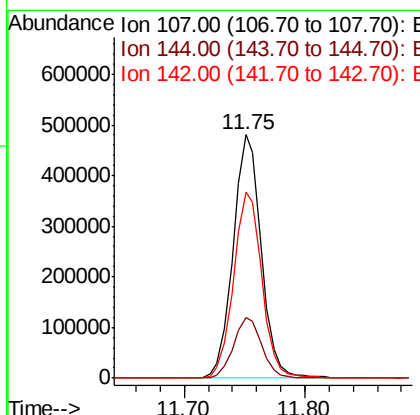
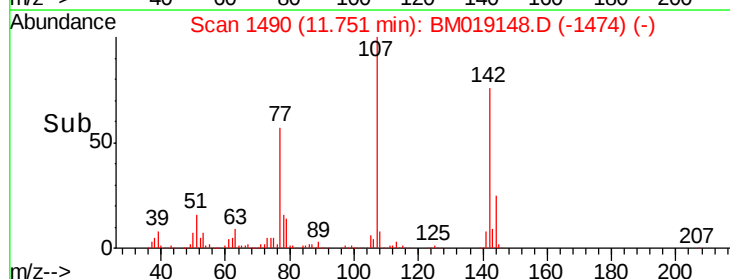
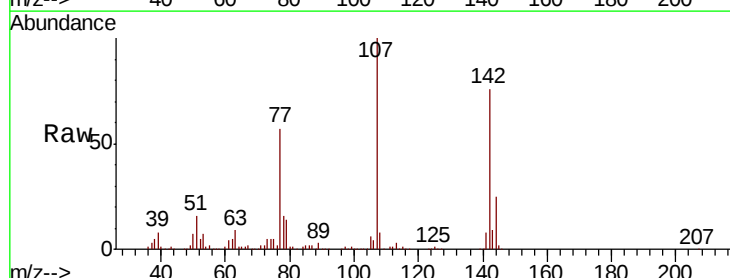
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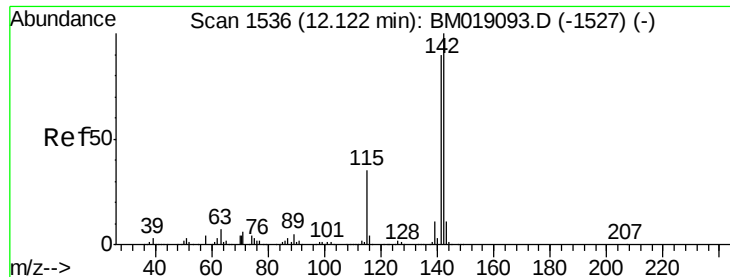
Sohil
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#36
 4-Chloro-3-methylphenol
 Concen: 44.190 ng/ml
 RT: 11.75 min Scan# 1490
 Delta R.T. -0.01 min
 Lab File: BM019148.D
 Acq: 13 Mar 2019 16:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		777847		
144	24.7		20.2	30.4	
142	76.5		62.4	93.6	





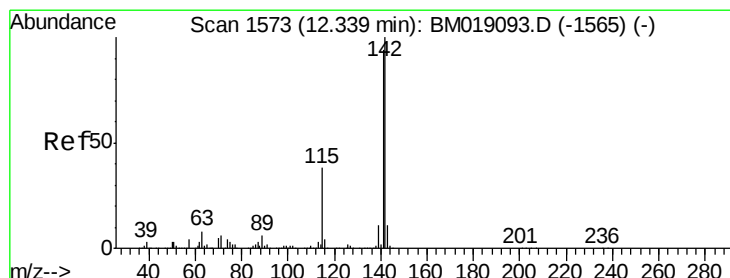
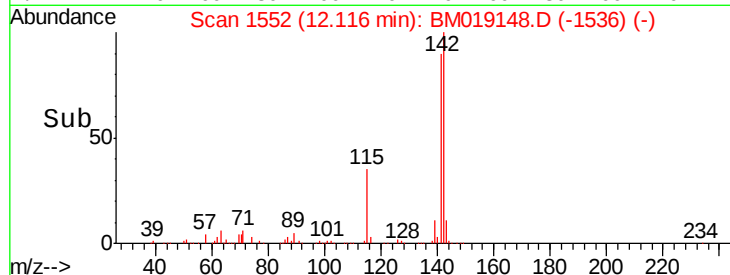
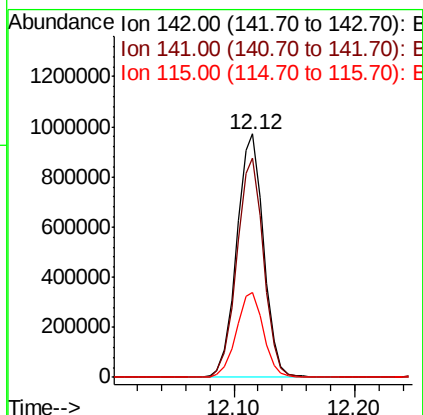
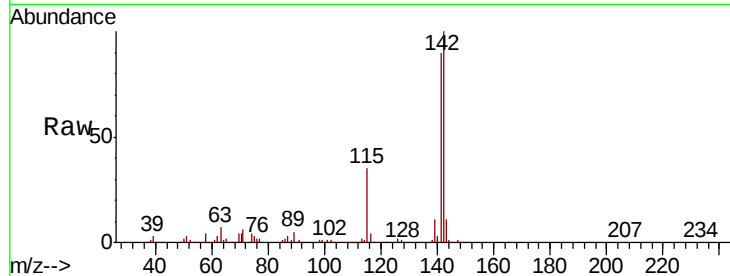
#37
2-Methylnaphthalene
Concen: 41.387 ng
RT: 12.12 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Instrument :
BNA_M
ClientSampleId :
PB117864BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.3	108.5
115	35.0	27.8	41.8

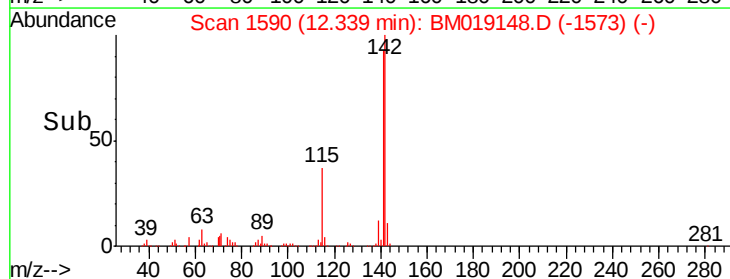
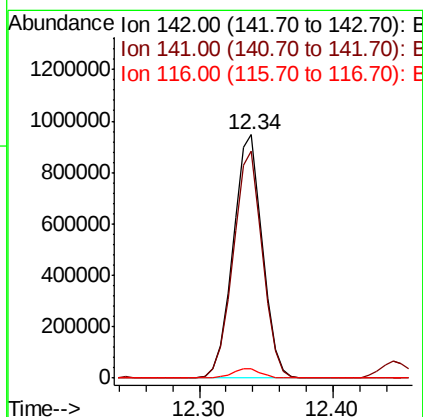
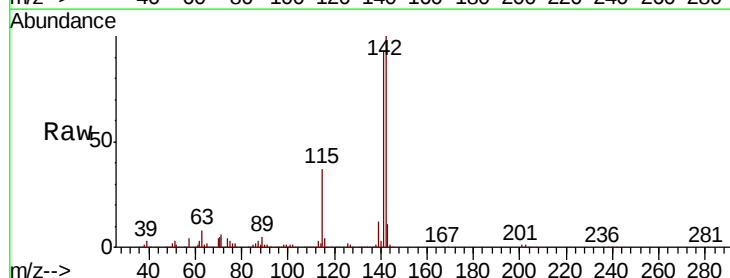
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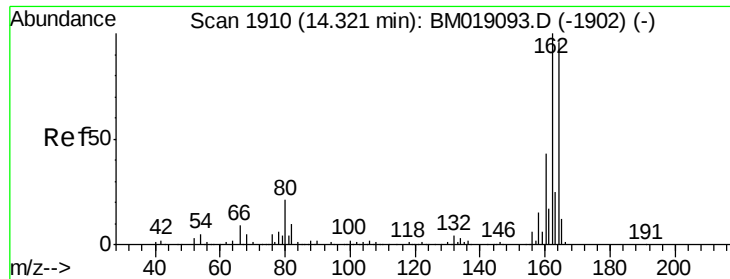
Sohil
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#38
1-Methylnaphthalene
Concen: 40.309 ng
RT: 12.34 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.9	112.3
116	3.8	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Instrument :

BNA_M

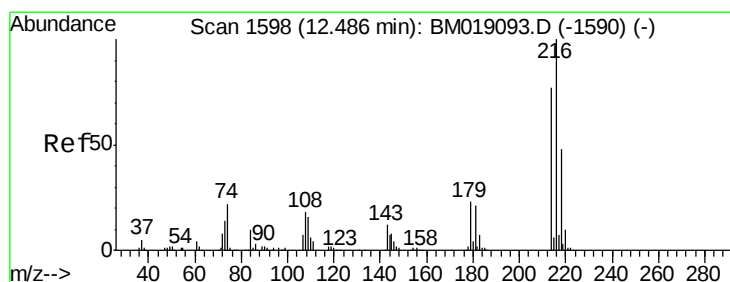
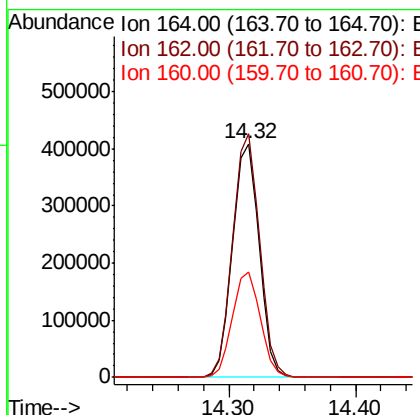
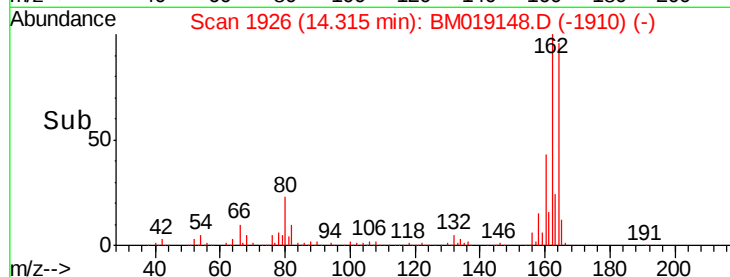
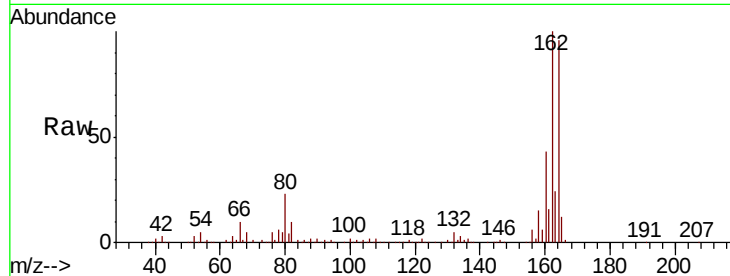
ClientSampled :

PB117864BS

Tot Ion:	164	Resp:	591825
Ion Ratio	Lower	Upper	
164	100		
162	104.2	83.5	125.3
160	45.1	36.3	54.5

Manual Integrations
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#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.325 ng

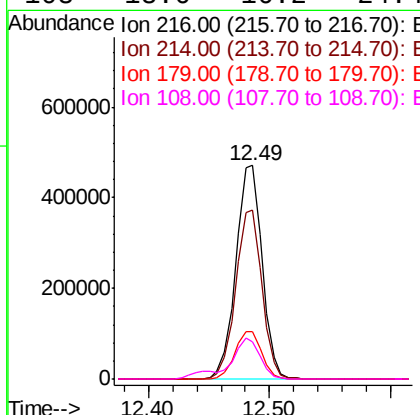
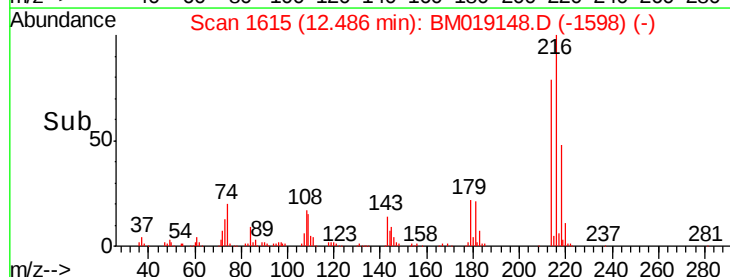
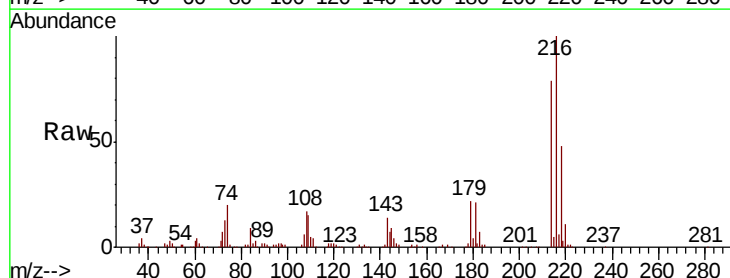
RT: 12.49 min Scan# 1615

Delta R.T. -0.00 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Tgt Ion:	216	Resp:	717480
Ion Ratio	Lower	Upper	
216	100		
214	78.8	62.9	94.3
179	22.8	18.0	27.0
108	18.6	16.2	24.4





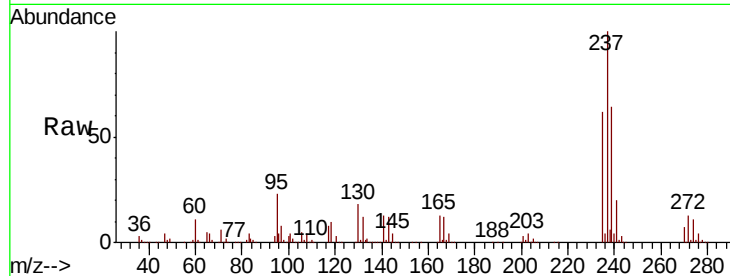
#41
Hexachlorocyclopentadiene
Concen: 89.970 ng
RT: 12.45 min Scan# 1608
Delta R.T. -0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Instrument :
BNA_M
ClientSampleId :
PB117864BS

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.4	41.3	81.3
272	13.4	0.0	33.1

Manual Integrations
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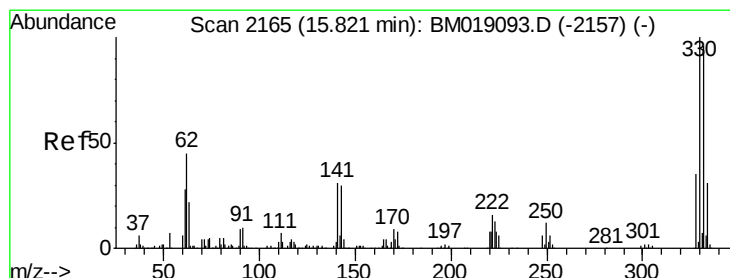
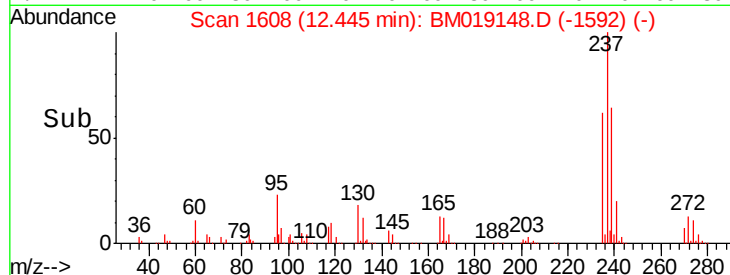
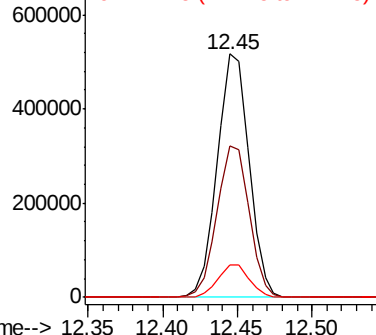


Abundance

Ion 236.80 (236.50 to 237.50): E

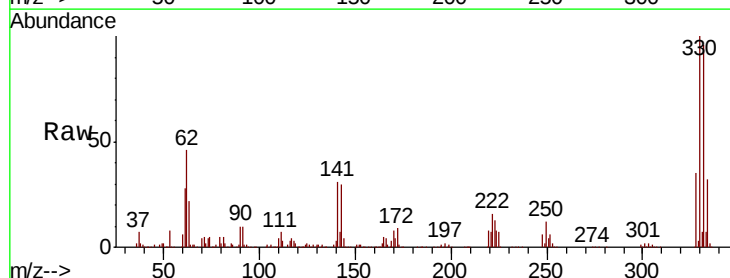
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 139.840 ng
RT: 15.82 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.8	115.2
141	32.6	27.0	40.4

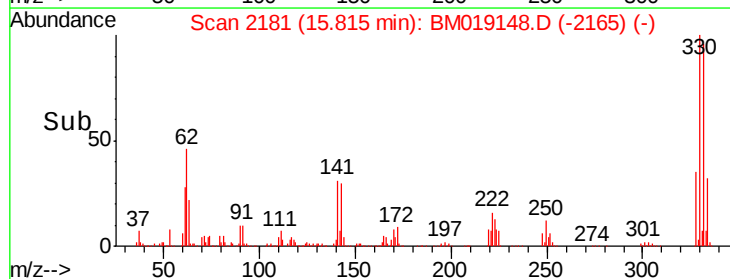
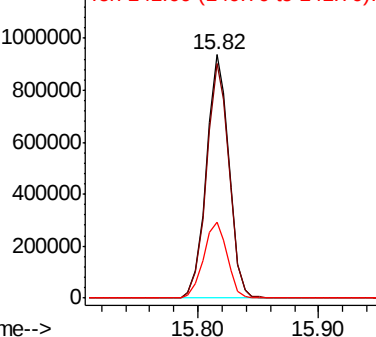


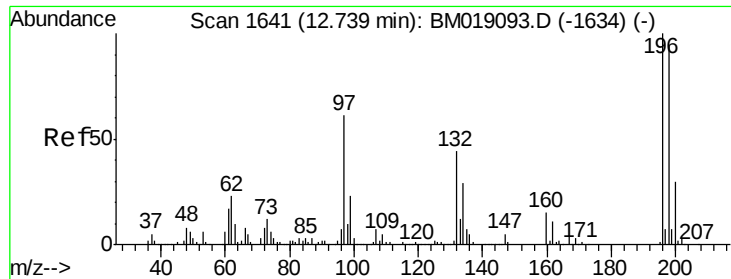
Abundance

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





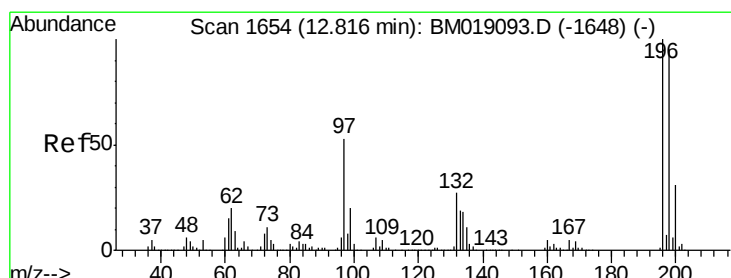
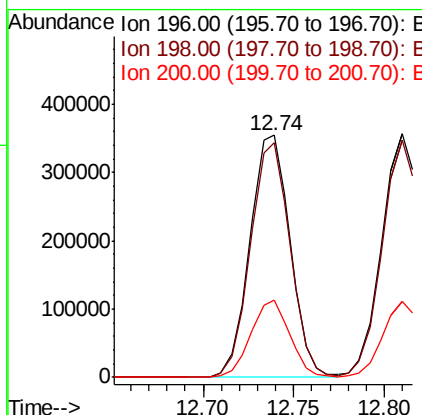
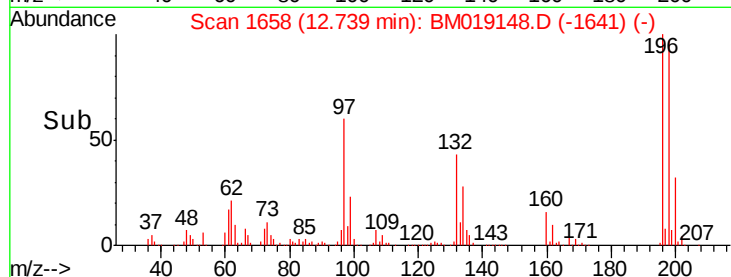
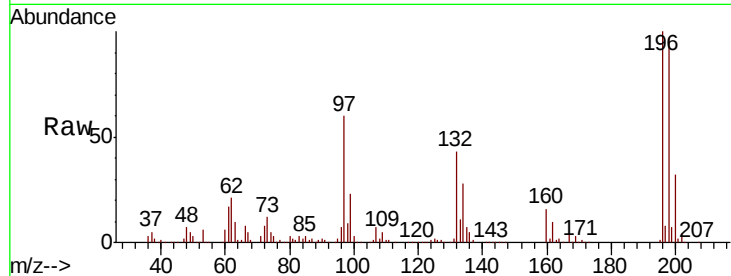
#43
 2,4,6-Trichlorophenol
 Concen: 45.128 ng
 RT: 12.74 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: BM019148.D
 Acq: 13 Mar 2019 16:27

Instrument :
 BNA_M
 ClientSampled :
 PB117864BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	545969		
198	96.9	75.4	113.0	
200	32.0	24.2	36.2	

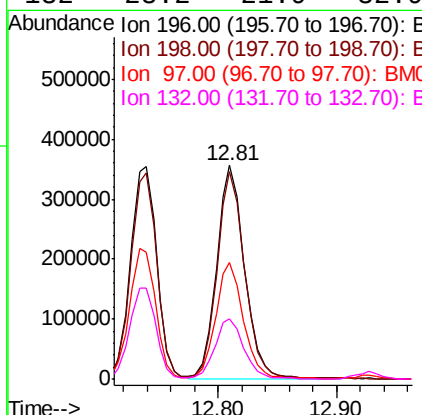
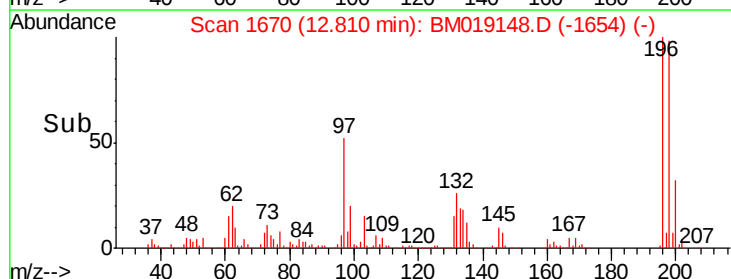
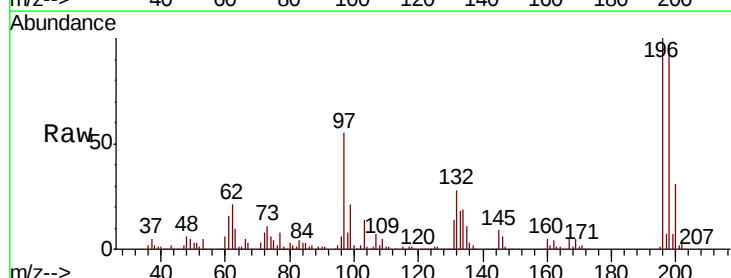
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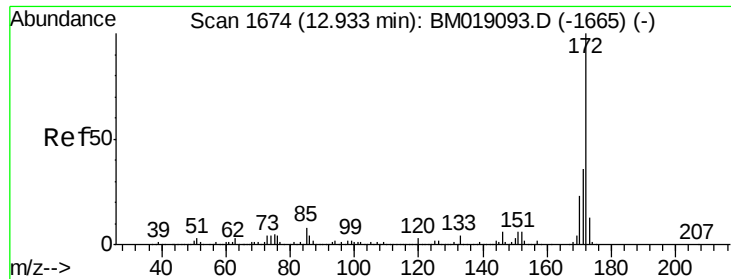
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#44
 2,4,5-Trichlorophenol
 Concen: 45.459 ng m
 RT: 12.81 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BM019148.D
 Acq: 13 Mar 2019 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	588111		
198	97.3	75.9	113.9	
97	54.8	42.5	63.7	
132	28.2	21.9	32.9	





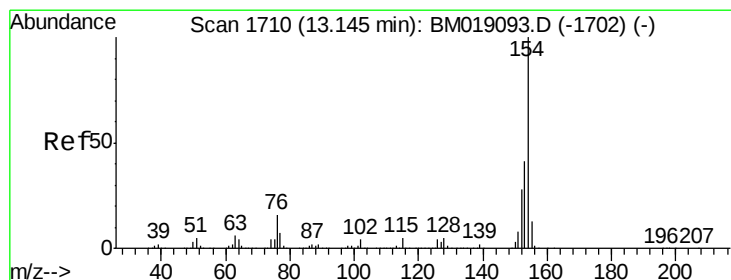
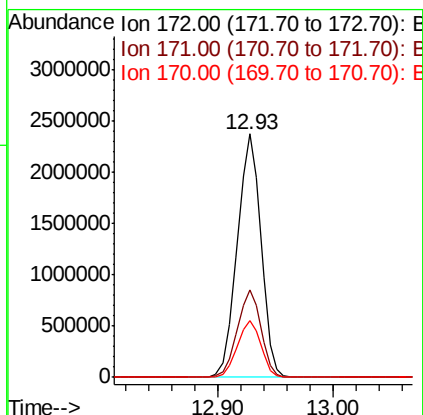
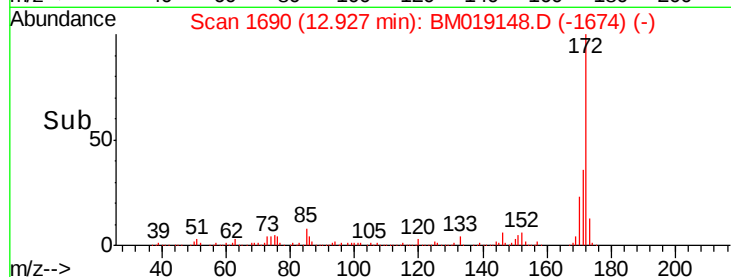
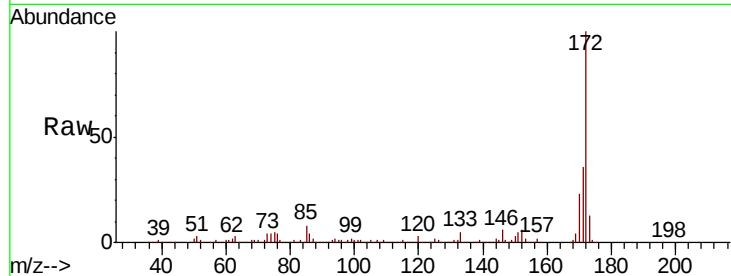
#45
2-Fluorobiphenyl
Concen: 73.980 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Instrument :
BNA_M
ClientSampleId :
PB117864BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	42.8
170	23.4	18.6	28.0

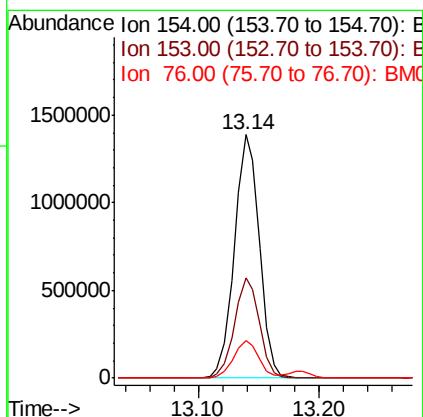
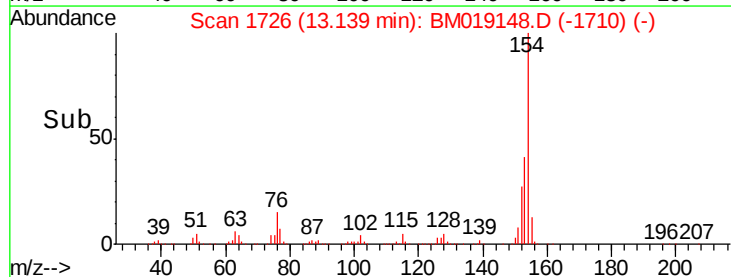
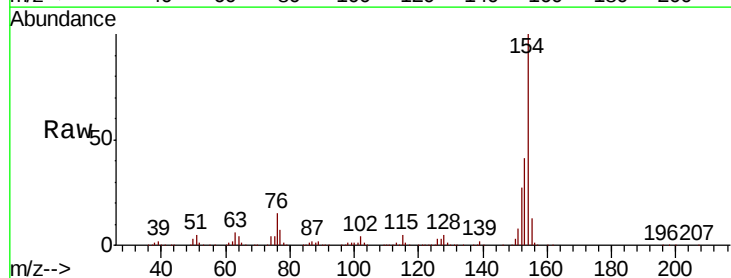
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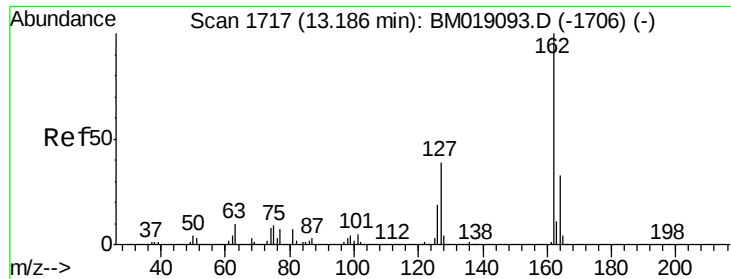
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3/14/2019 3:38:02 PM



#46
1,1'-Biphenyl
Concen: 38.554 ng
RT: 13.14 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.5	61.5
76	15.5	0.0	35.8





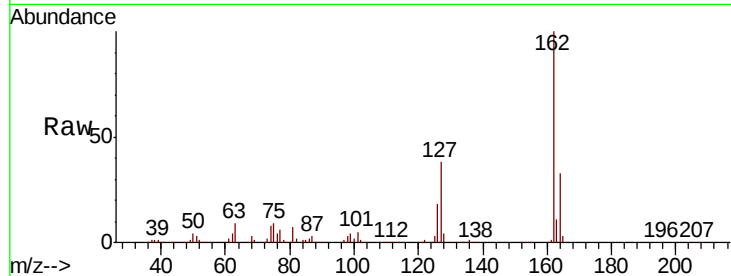
#47
2-Chloronaphthalene
Concen: 40.077 ng
RT: 13.19 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Instrument :
BNA_M
ClientSampled :
PB117864BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.8	31.2	46.8
164	32.5	26.3	39.5

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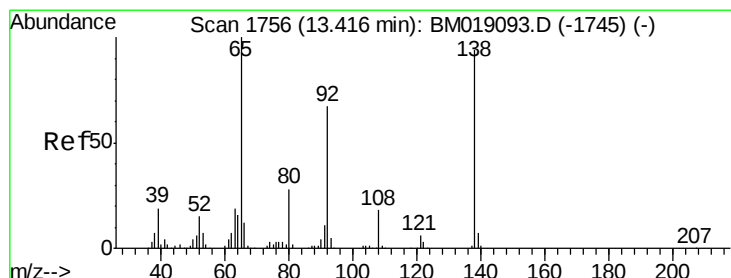
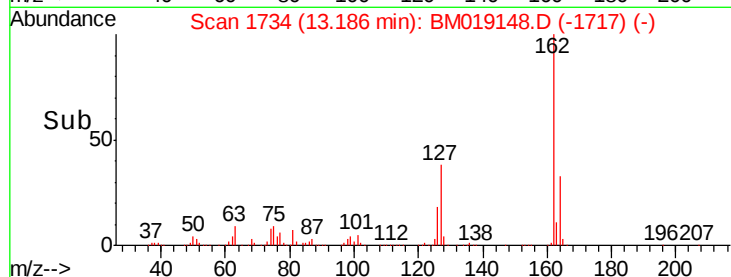
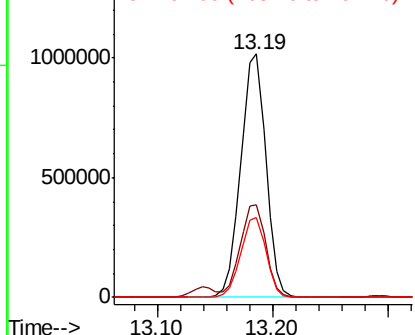


Abundance

Ion 162.00 (161.70 to 162.70): E

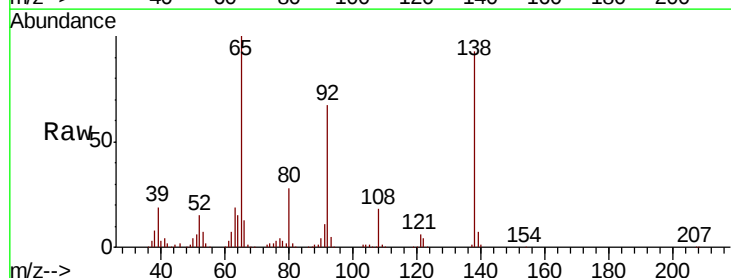
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 41.964 ng
RT: 13.41 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.3	53.4	80.2
138	92.5	74.9	112.3

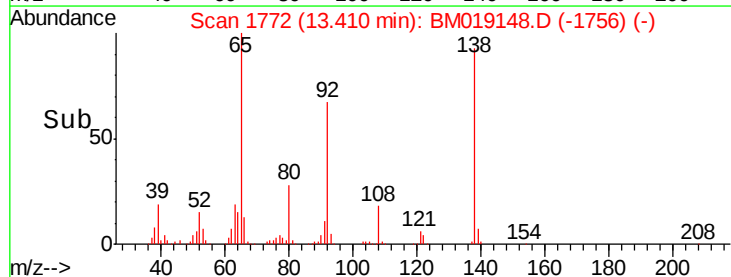
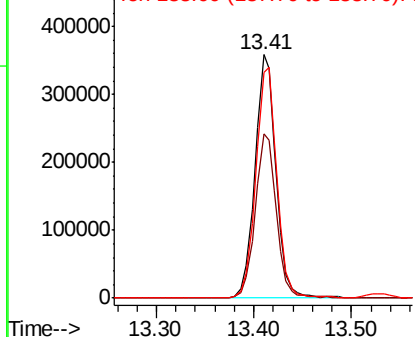


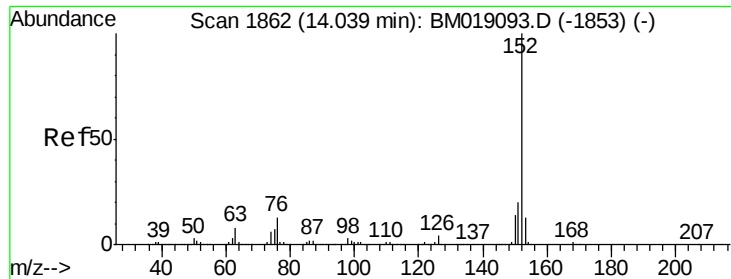
Abundance

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: 38.665 ng

RT: 14.03 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Instrument :

BNA_M

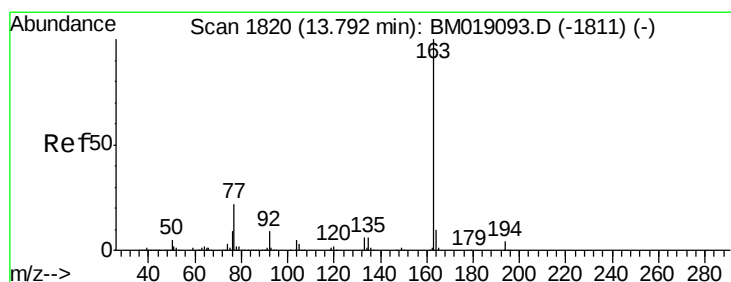
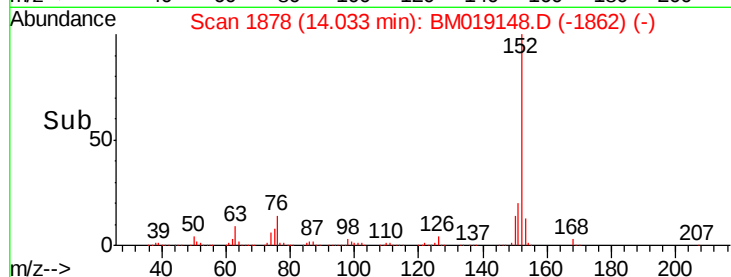
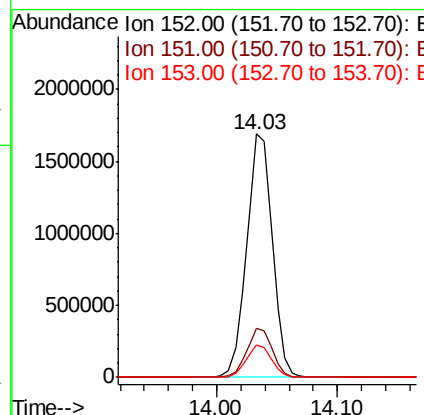
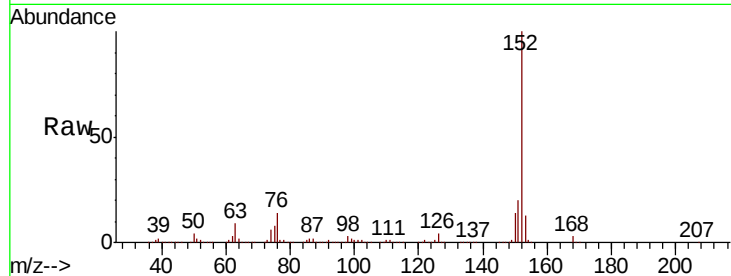
ClientSampleId :

PB117864BS

Tot Ion:	152	Resp:	2522191
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	13.3	10.6	15.8

Manual Integrations
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#50

Dimethylphthalate

Concen: 40.199 ng

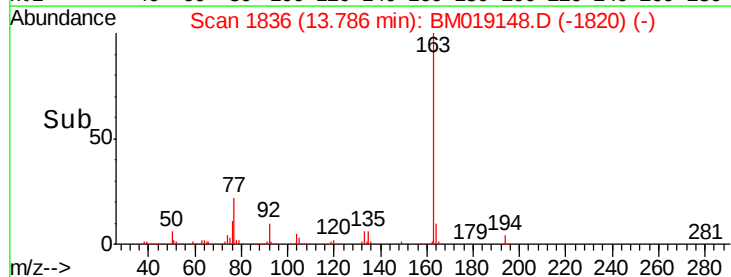
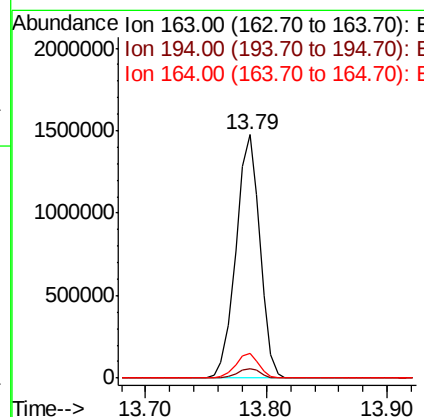
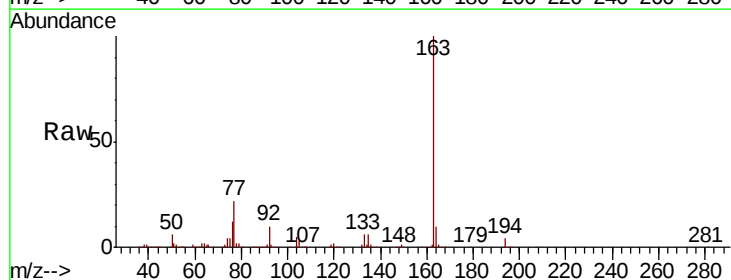
RT: 13.79 min Scan# 1836

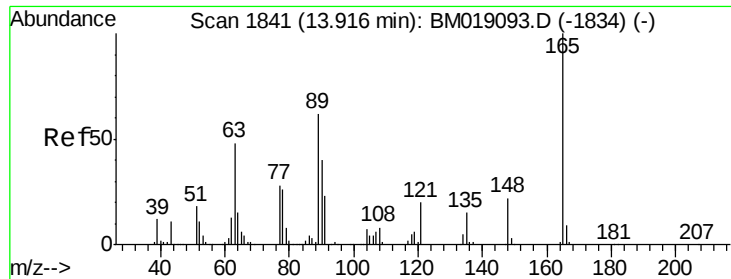
Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Tgt Ion:	163	Resp:	2035177
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.3	4.9
164	9.9	7.7	11.5





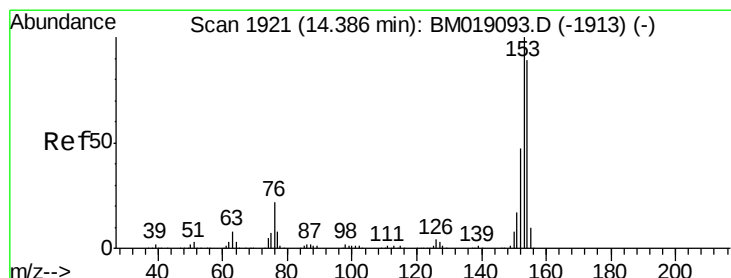
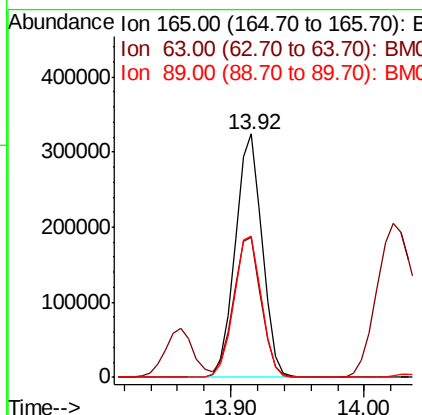
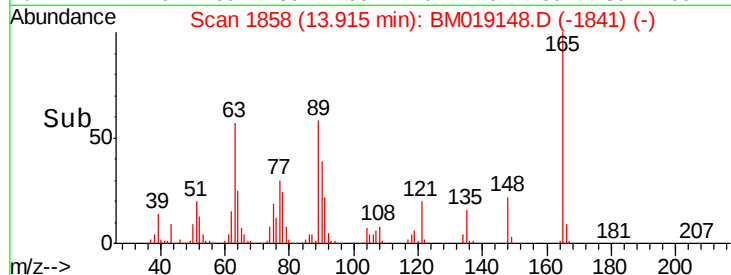
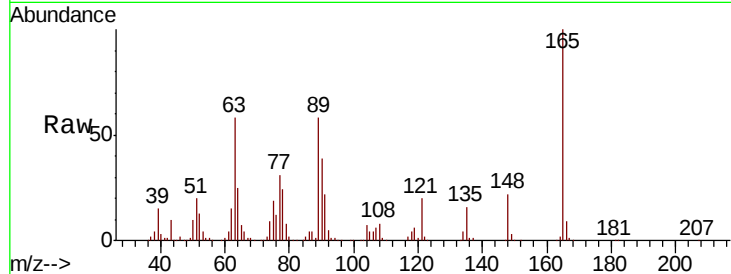
#51
2,6-Dinitrotoluene
Concen: 41.267 ng
RT: 13.92 min Scan# 1858
Delta R.T. -0.00 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Instrument :
BNA_M
ClientSampled :
PB117864BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	451636		
63	57.7	48.2	72.4	
89	58.2	49.3	73.9	

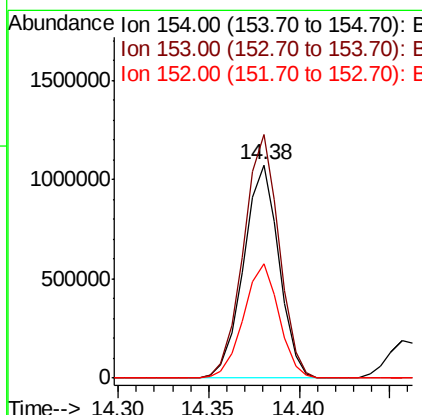
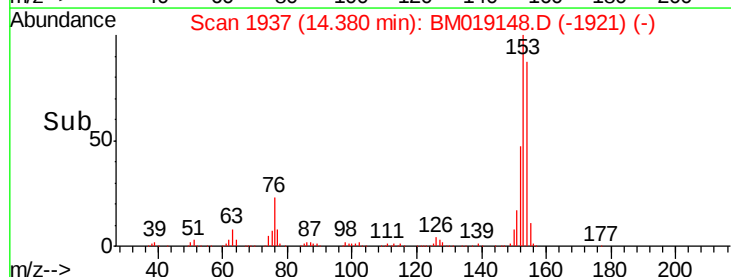
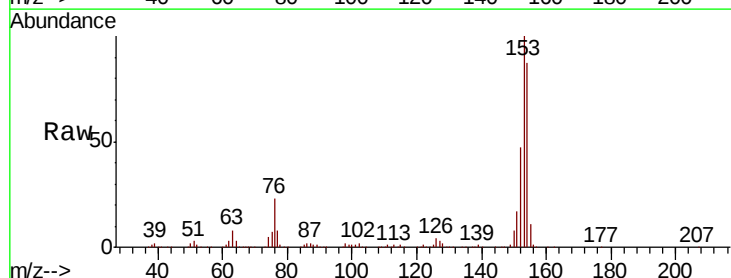
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#52
Acenaphthene
Concen: 38.978 ng
RT: 14.38 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1460990		
153	114.3	90.1	135.1	
152	53.7	42.5	63.7	





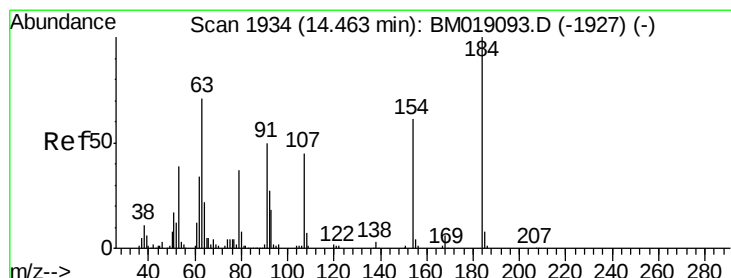
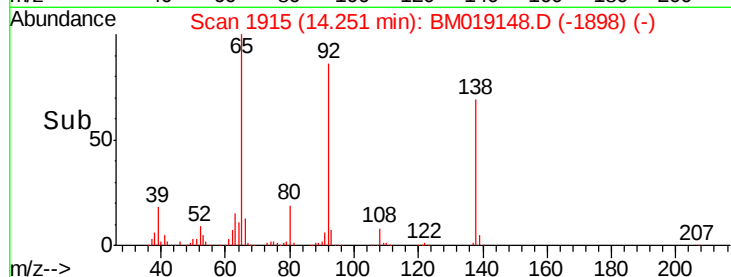
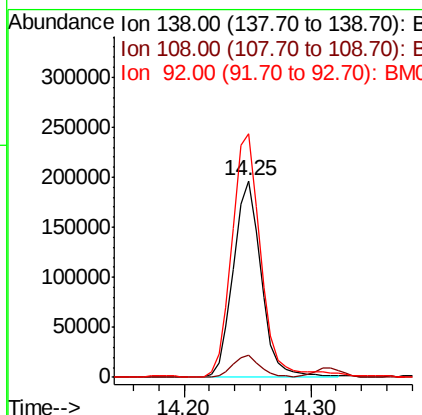
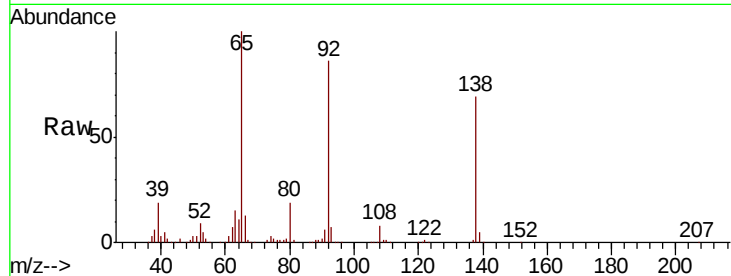
#53
3-Nitroaniline
Concen: 25.871 ng
RT: 14.25 min Scan# 1915
Delta R.T. -0.00 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Instrument :
BNA_M
ClientSampleId :
PB117864BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.0	13.4
92	124.0	102.6	153.8

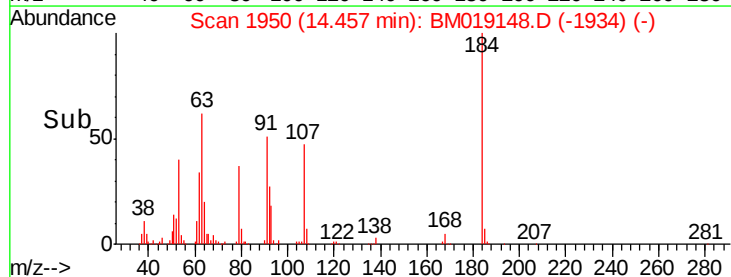
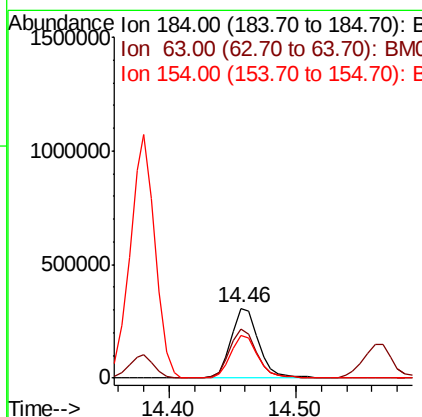
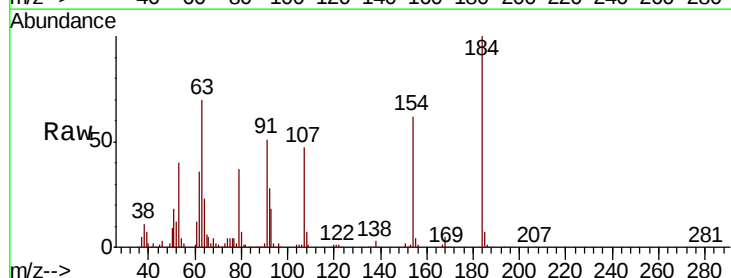
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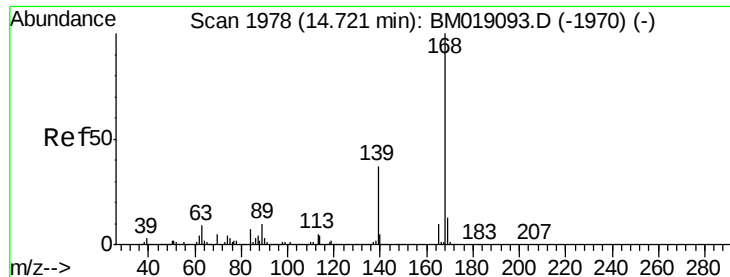
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#54
2,4-Dinitrophenol
Concen: 73.051 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.2	56.7	85.1
154	61.6	49.3	73.9





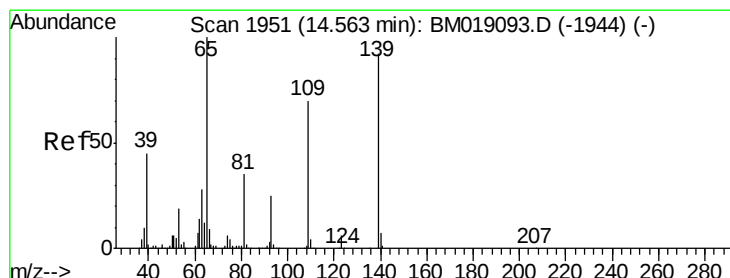
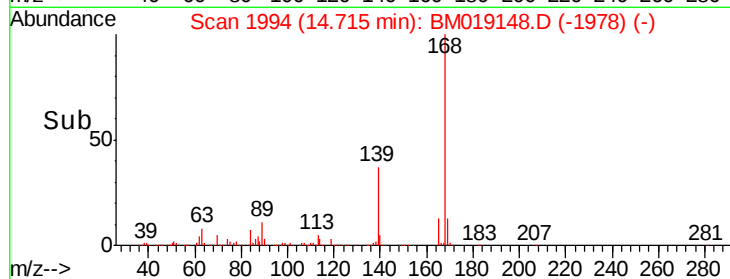
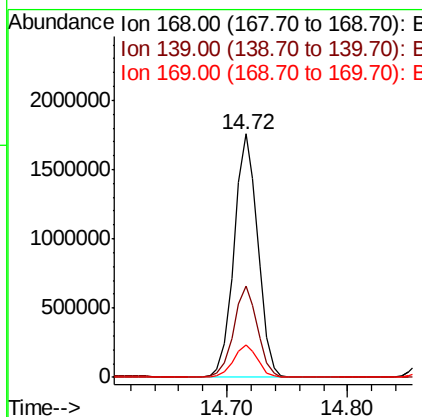
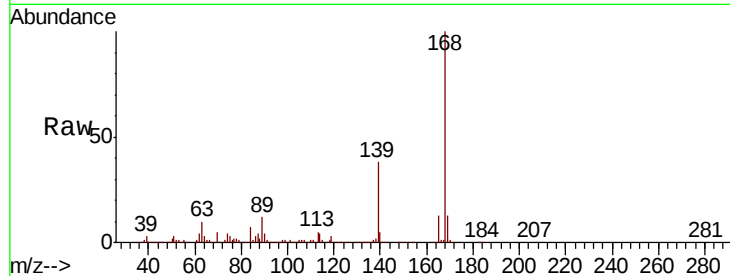
#55
Dibenzofuran
Concen: 39.853 ng
RT: 14.72 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Instrument :
BNA_M
ClientSampleId :
PB117864BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	30.1	45.1
169	13.2	10.6	16.0

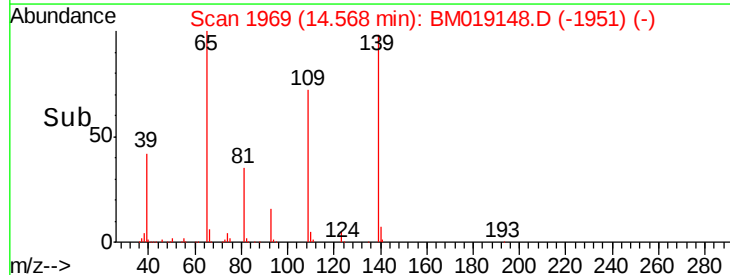
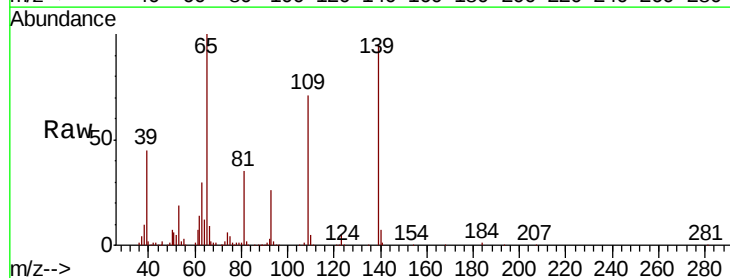
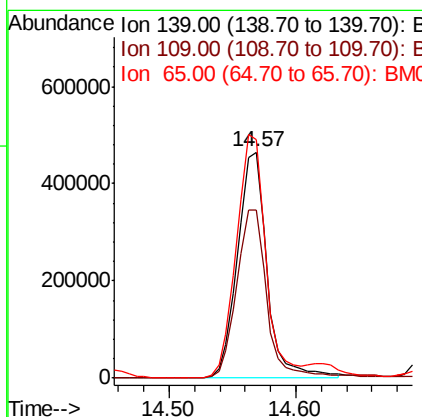
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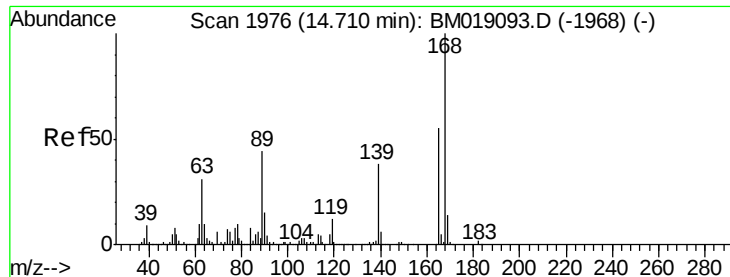
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#56
4-Nitrophenol
Concen: 79.328 ng
RT: 14.57 min Scan# 1969
Delta R.T. 0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.4	56.3	96.3
65	105.3	89.2	129.2





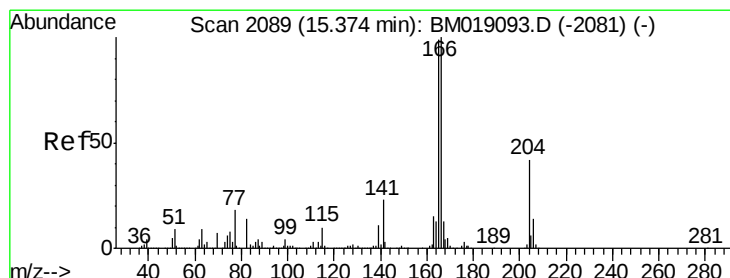
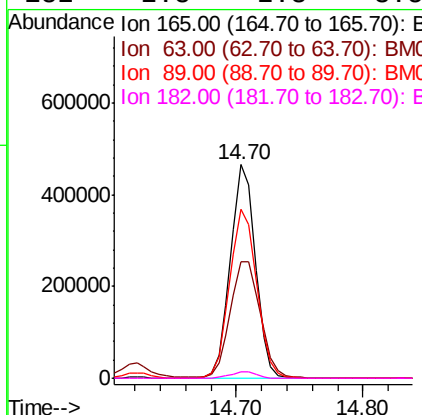
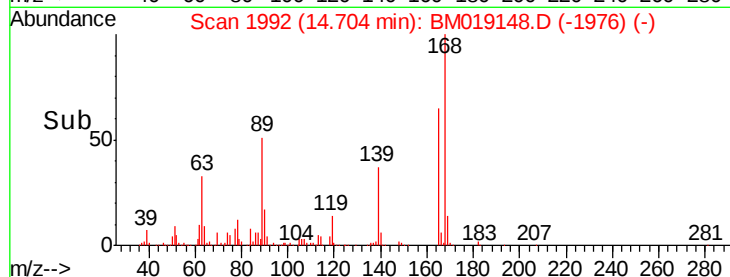
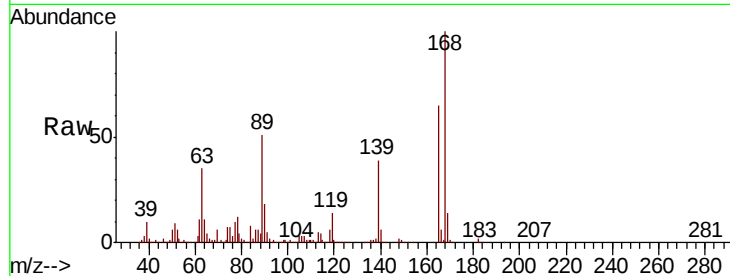
#57
2,4-Dinitrotoluene
Concen: 39.954 ng
RT: 14.70 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Instrument :
BNA_M
ClientSampleId :
PB117864BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	634732		
63	54.7		44.7	67.1
89	79.0		63.4	95.2
182	2.8		2.3	3.5

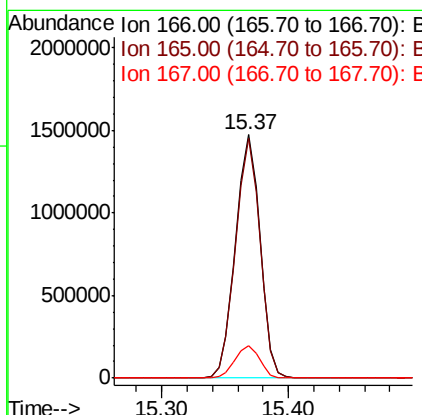
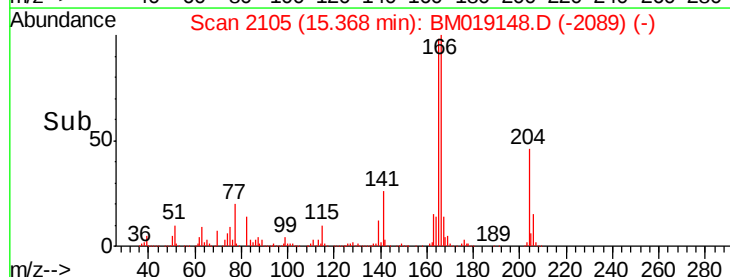
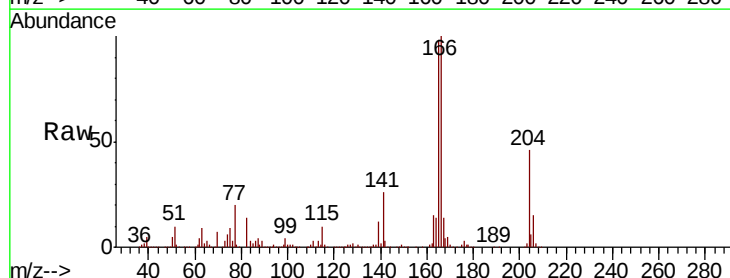
Manual Integrations
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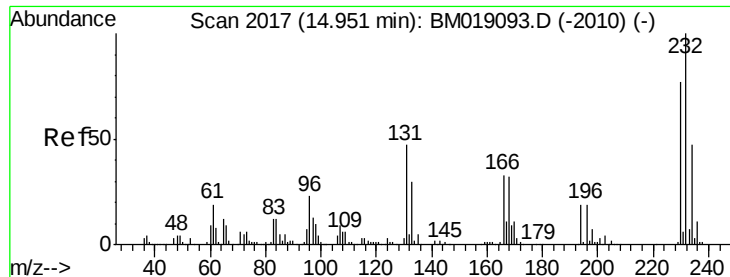
Sohil
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#58
Fluorene
Concen: 39.661 ng
RT: 15.37 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1976158		
165	98.5		79.0	118.4
167	13.5		10.8	16.2





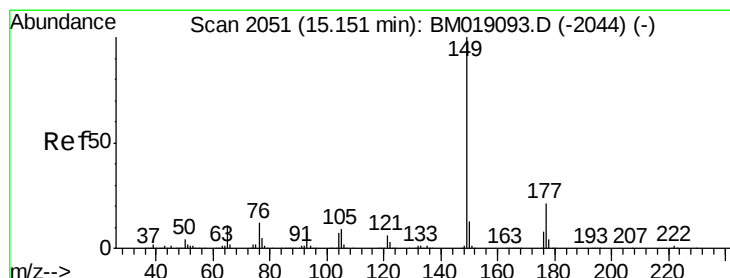
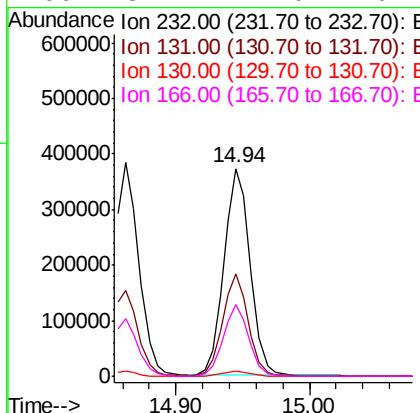
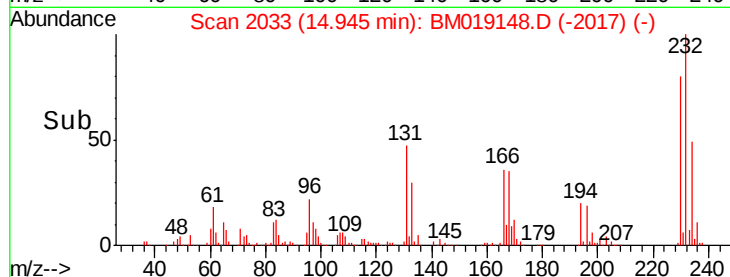
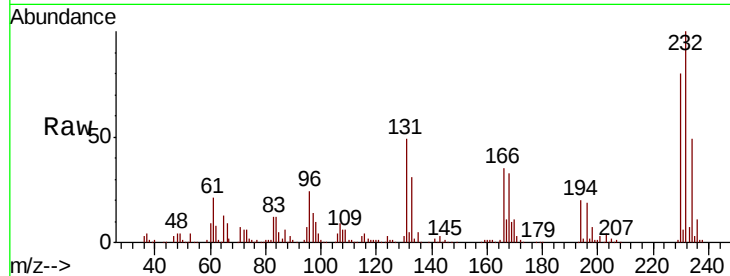
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.591 ng
 RT: 14.94 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BM019148.D
 Acq: 13 Mar 2019 16:27

Instrument :
 BNA_M
 ClientSampled :
 PB117864BS

Tot Ion:	232	Resp:	512964
Ion Ratio	Lower	Upper	
232	100		
131	48.0	38.2	57.2
130	2.5	1.9	2.9
166	34.2	27.0	40.4

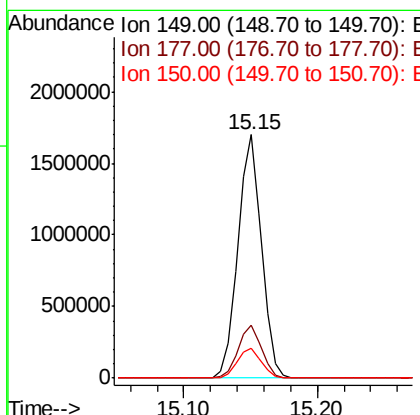
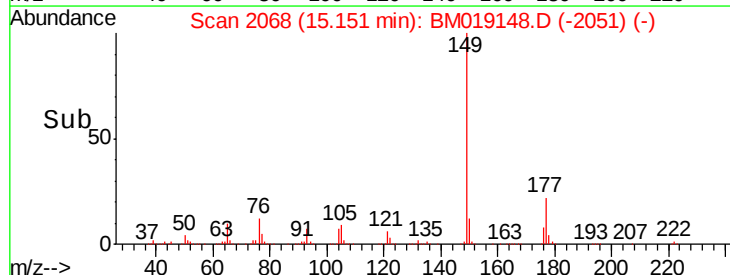
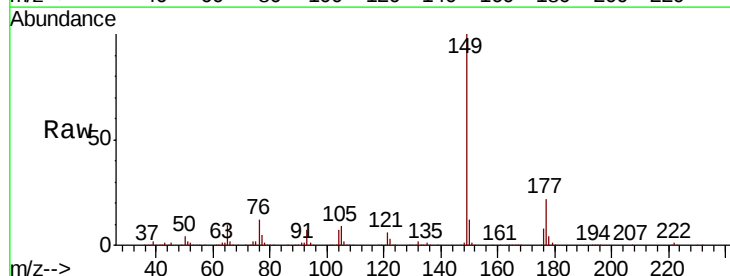
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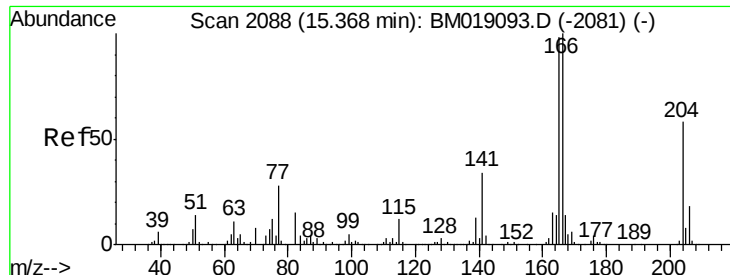
Sohil
 3/14/2019 3:38:02 PM



#60
 Diethylphthalate
 Concen: 40.536 ng
 RT: 15.15 min Scan# 2068
 Delta R.T. -0.00 min
 Lab File: BM019148.D
 Acq: 13 Mar 2019 16:27

Tgt Ion:	149	Resp:	2078493
Ion Ratio	Lower	Upper	
149	100		
177	21.7	17.0	25.6
150	12.3	10.2	15.4





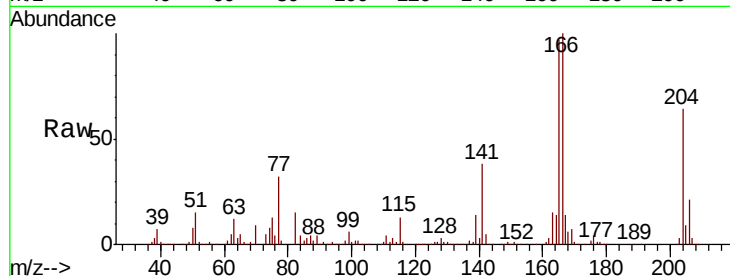
#61
 4-Chlorophenyl-phenylether
 Concen: 40.564 ng
 RT: 15.36 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BM019148.D
 Acq: 13 Mar 2019 16:27

Instrument :
 BNA_M
 ClientSampled :
 PB117864BS

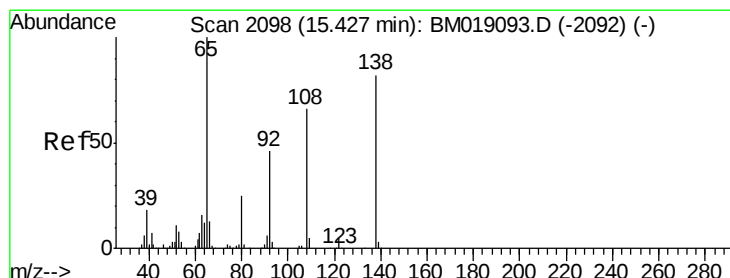
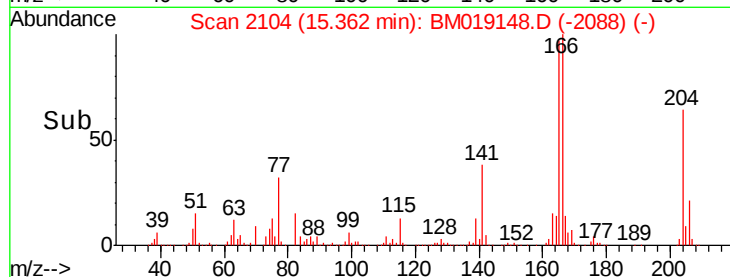
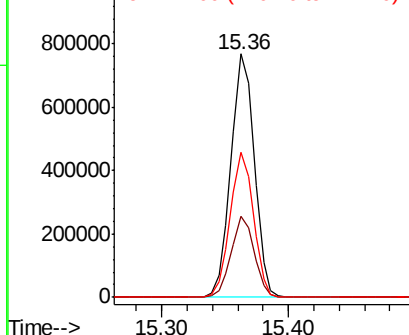
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	25.5	38.3
141	59.7	47.8	71.8

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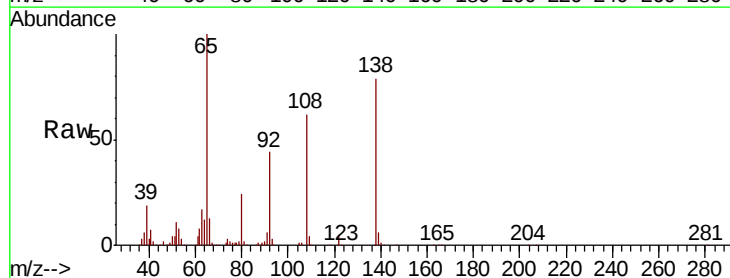


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

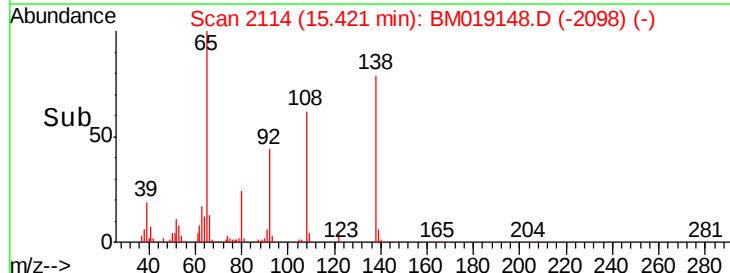
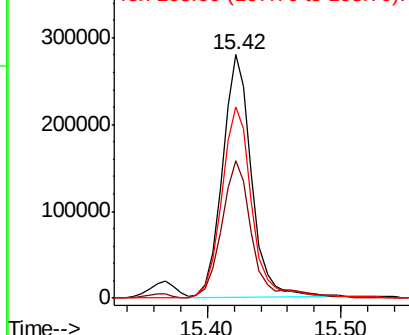


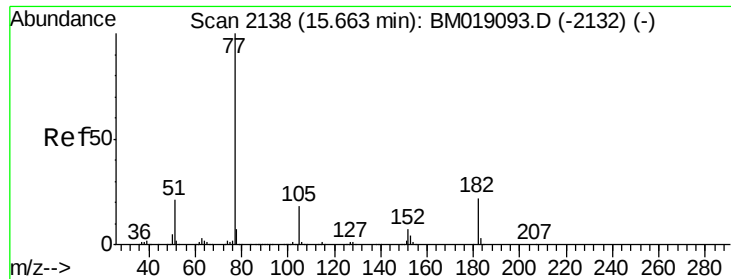
#62
 4-Nitroaniline
 Concen: 36.206 ng
 RT: 15.42 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: BM019148.D
 Acq: 13 Mar 2019 16:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.2	36.2	76.2
108	78.5	59.7	99.7



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





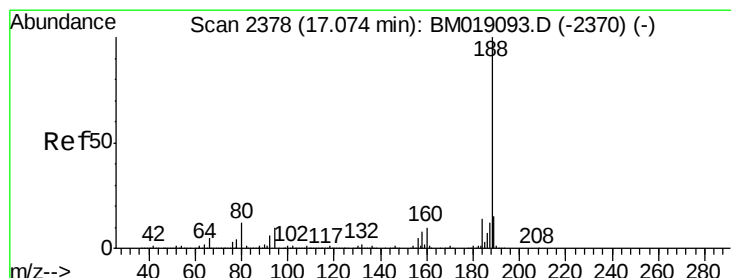
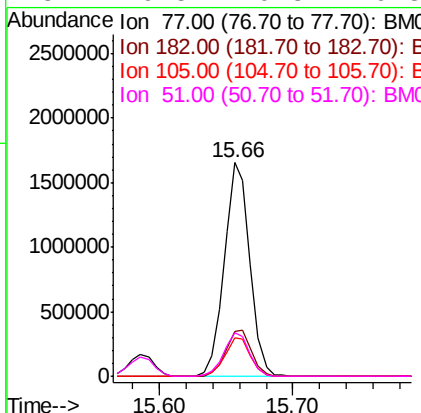
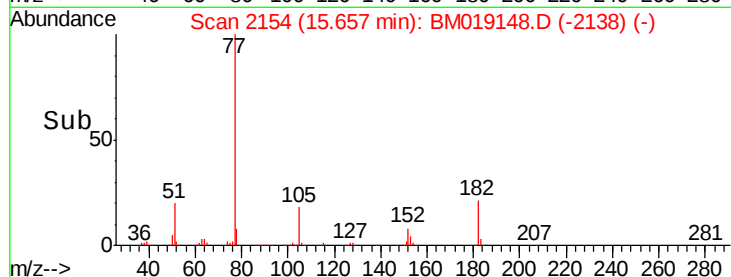
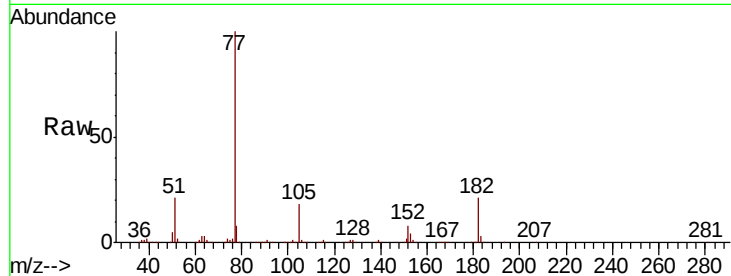
#63
Azobenzene
Concen: 40.846 ng
RT: 15.66 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Instrument :
BNA_M
ClientSampleId :
PB117864BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	21.2	1.8	41.8	
105	17.8	0.0	38.3	
51	20.5	0.8	40.8	

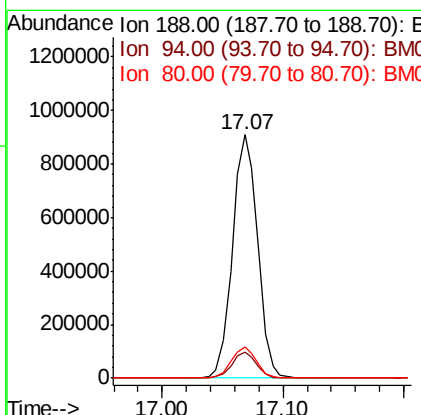
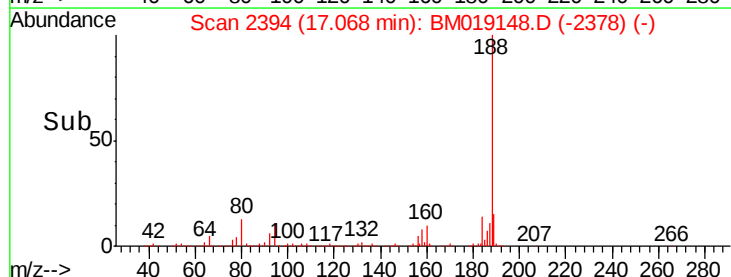
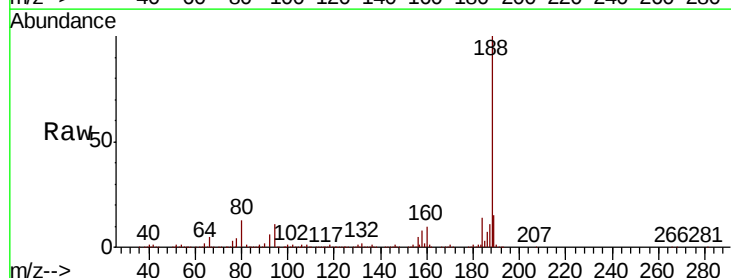
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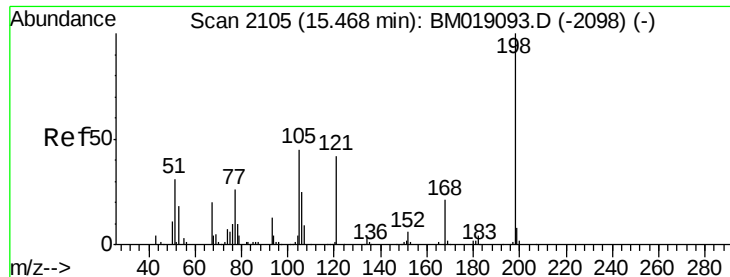
Sohil
3/14/2019 3:38:02 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.6	8.1	12.1	
80	12.8	9.7	14.5	





#65

4,6-Dinitro-2-methylphenol

Concen: 36.315 ng

RT: 15.47 min Scan# 2122

Delta R.T. -0.00 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Instrument :

BNA_M

ClientSampleId :

PB117864BS

Tot Ion:198 Resp: 313003

Ion Ratio Lower Upper

198 100

51 35.0 17.3 57.3

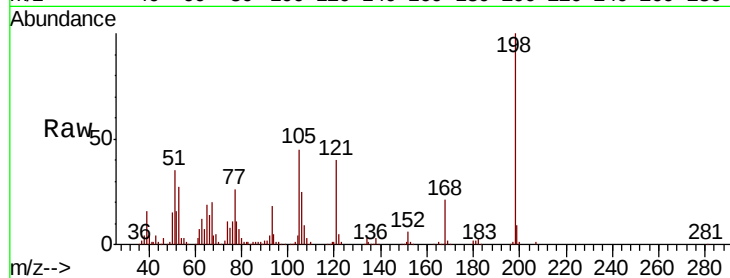
105 44.5 26.2 66.2

Manual Integrations

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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E

300000

250000

200000

150000

100000

50000

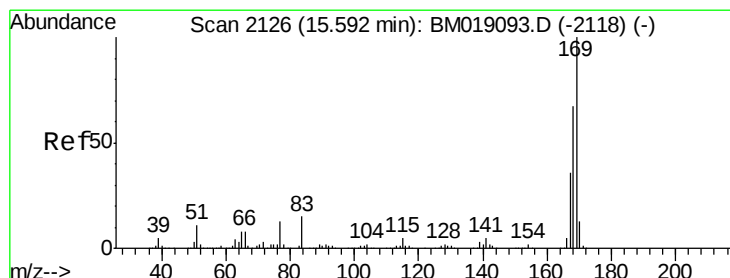
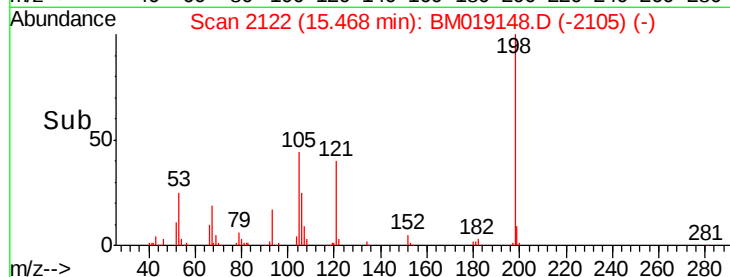
0

15.40

15.47

15.50

Time-->



#66

n-Nitrosodiphenylamine

Concen: 41.208 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

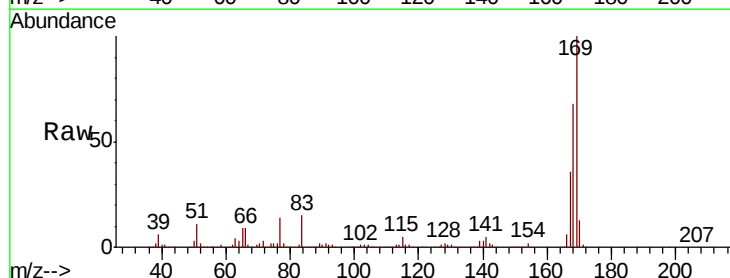
Tgt Ion:169 Resp: 1725554

Ion Ratio Lower Upper

169 100

168 68.1 53.9 80.9

167 36.4 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

1500000

1000000

500000

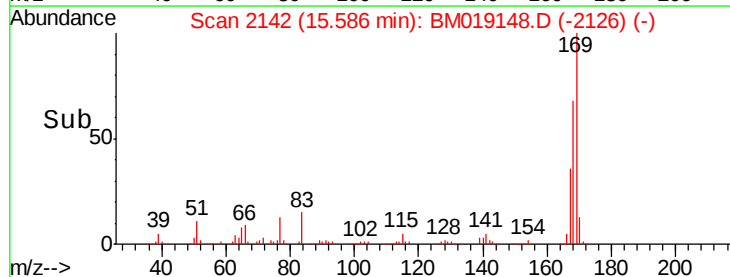
0

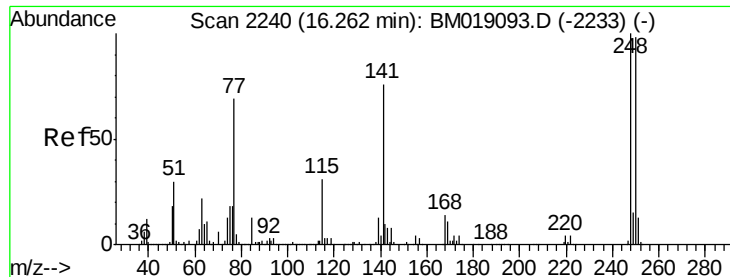
15.50

15.59

15.70

Time-->





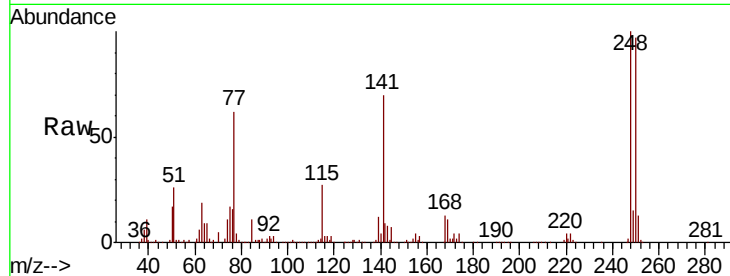
#67
4-Bromophenyl-phenylether
Concen: 40.528 ng
RT: 16.26 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Instrument :
BNA_M
ClientSampleId :
PB117864BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	78.0	117.0
141	69.8	61.0	91.4

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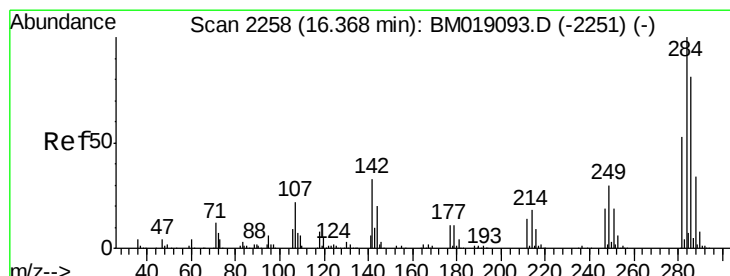
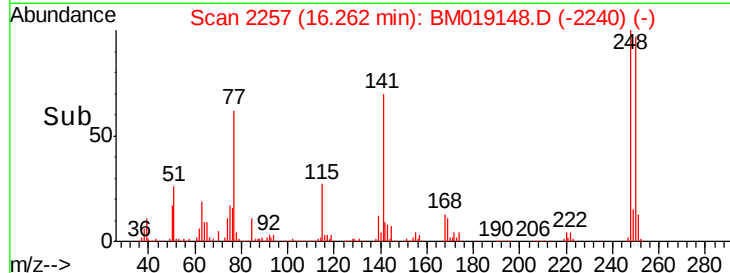
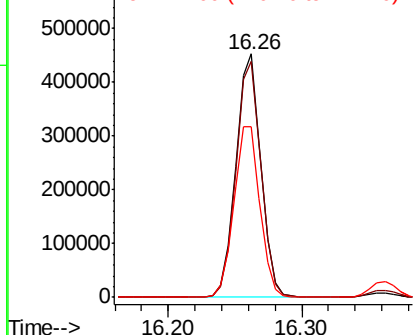


Abundance

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: 40.186 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

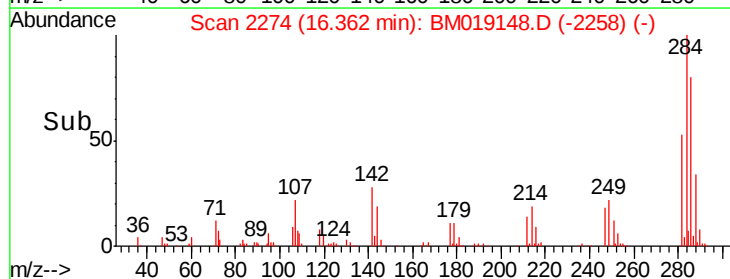
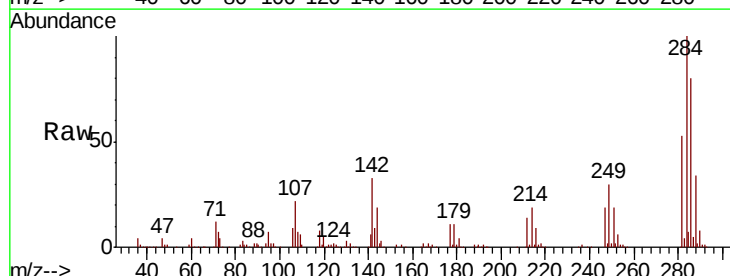
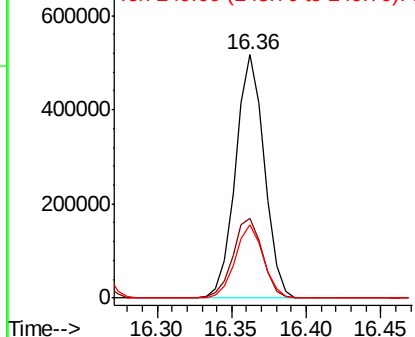
Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.9	26.3	39.5
249	30.2	24.1	36.1

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





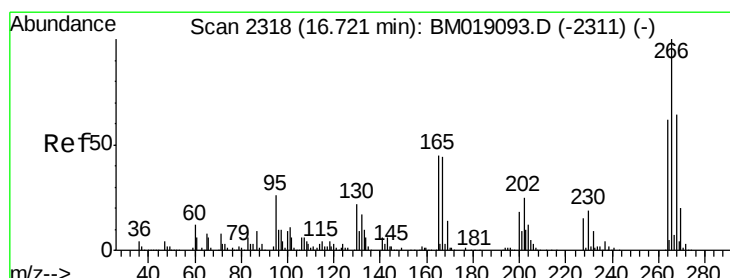
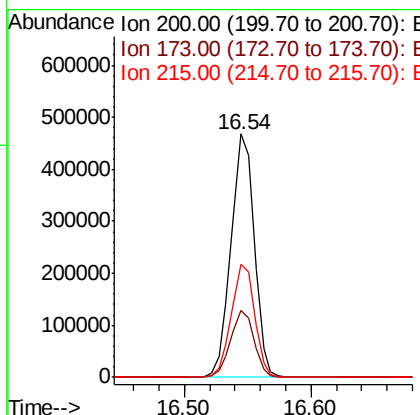
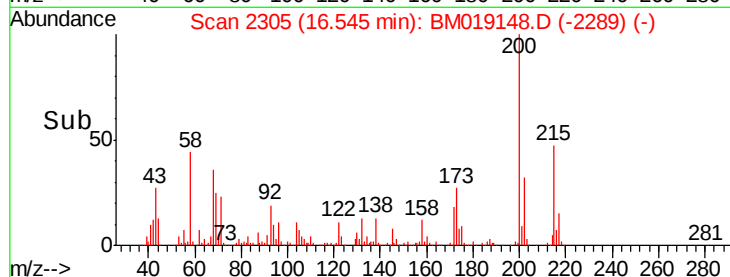
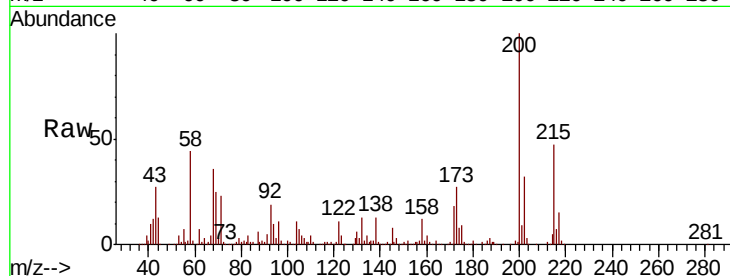
#69
Atrazine
Concen: 42.056 ng
RT: 16.54 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Instrument :
BNA_M
ClientSampleId :
PB117864BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.3	7.0	47.0
215	46.5	27.7	67.7

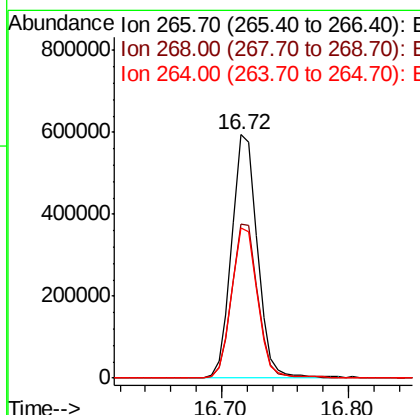
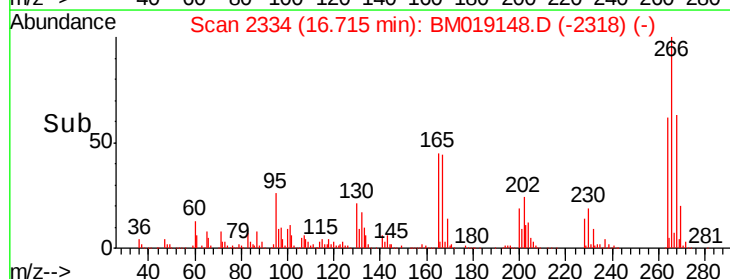
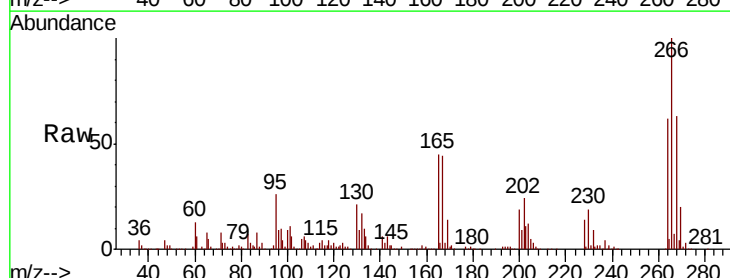
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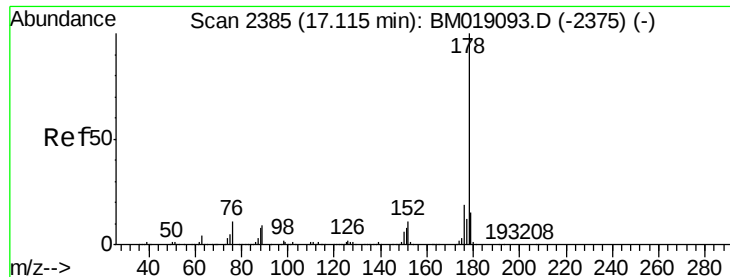
Sohil
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#70
Pentachlorophenol
Concen: 80.001 ng
RT: 16.72 min Scan# 2334
Delta R.T. -0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.1	51.3	76.9
264	61.9	50.0	75.0





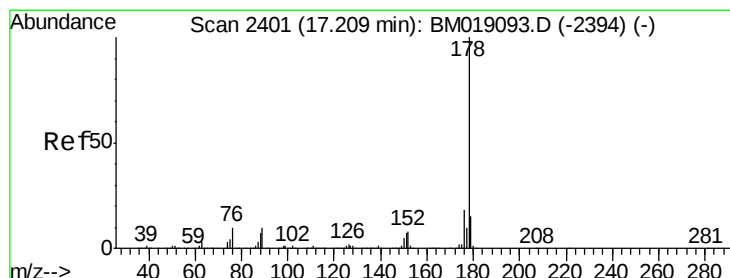
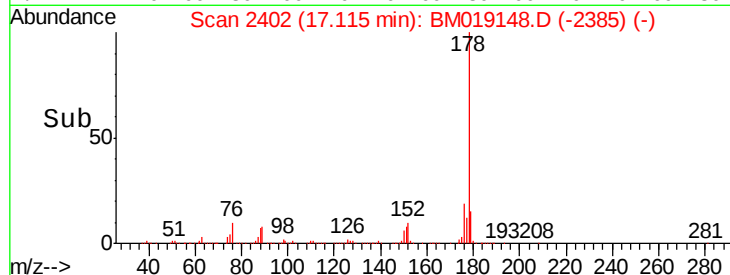
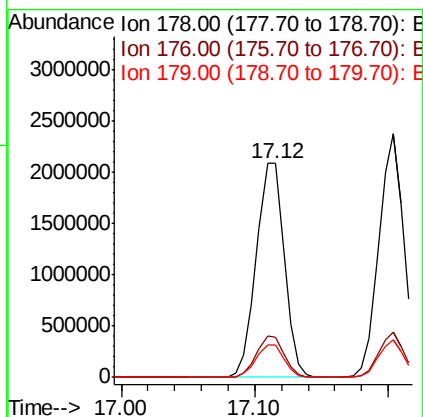
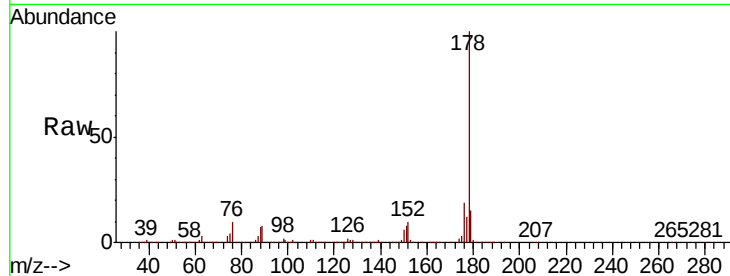
#71
Phenanthrene
Concen: 39.375 ng
RT: 17.12 min Scan# 2402
Delta R.T. -0.00 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Instrument :
BNA_M
ClientSampleId :
PB117864BS

Tot Ion:178 Resp: 3035587
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 14.9 12.2 18.2

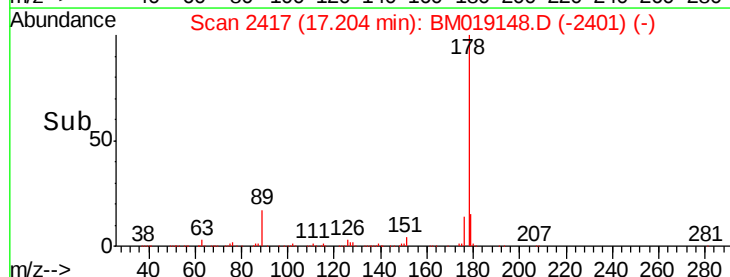
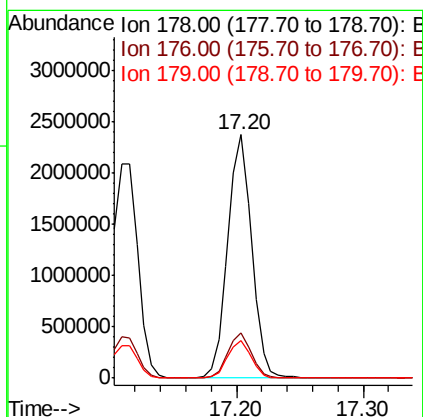
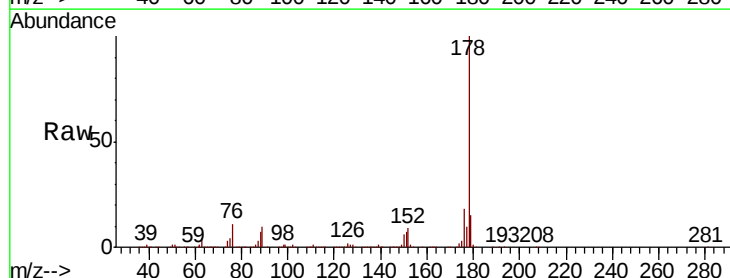
Manual Integrations
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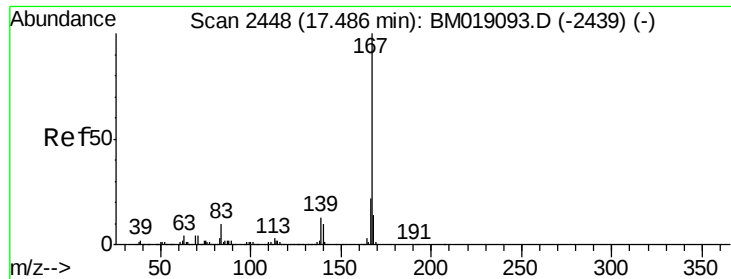
Sohil
3/14/2019 3:38:02 PM



#72
Anthracene
Concen: 40.845 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Tgt Ion:178 Resp: 3082635
Ion Ratio Lower Upper
178 100
176 18.5 14.6 22.0
179 15.2 11.9 17.9





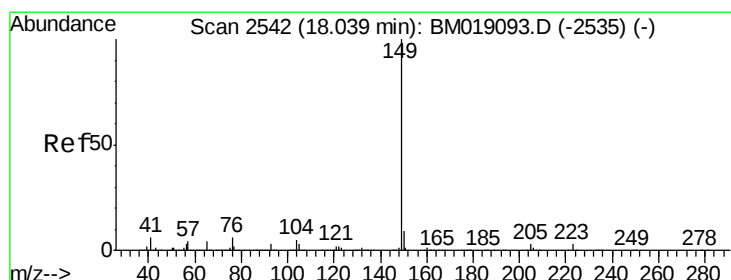
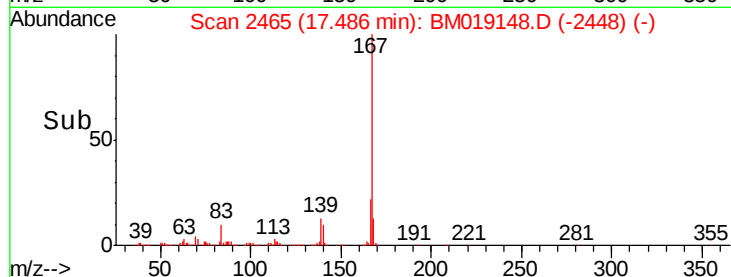
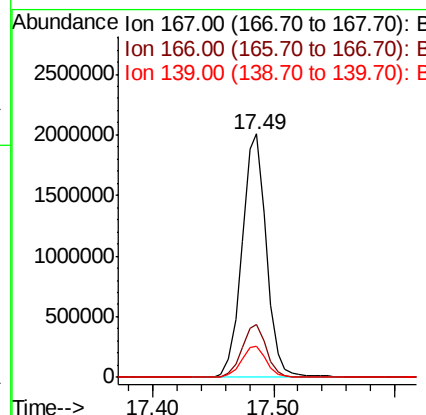
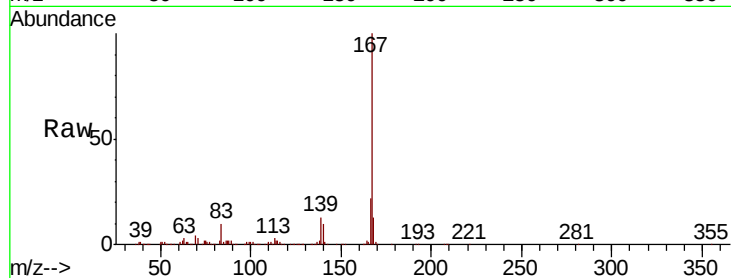
#73
 Carbazole
 Concen: 39.774 ng
 RT: 17.49 min Scan# 2465
 Delta R.T. -0.00 min
 Lab File: BM019148.D
 Acq: 13 Mar 2019 16:27

Instrument :
 BNA_M
 ClientSampled :
 PB117864BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.8	26.8
139	12.8	10.5	15.7

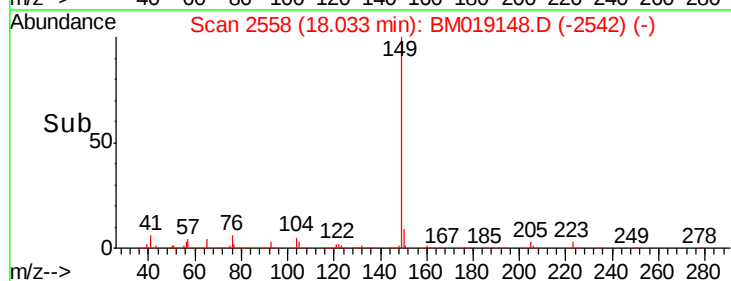
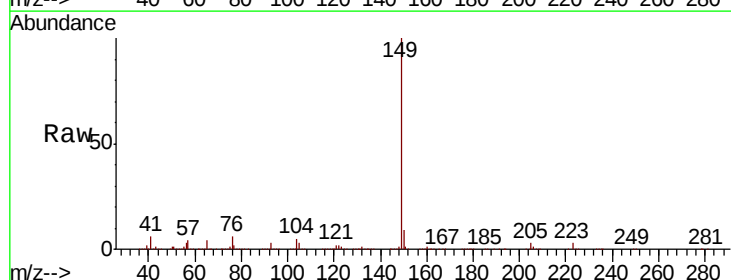
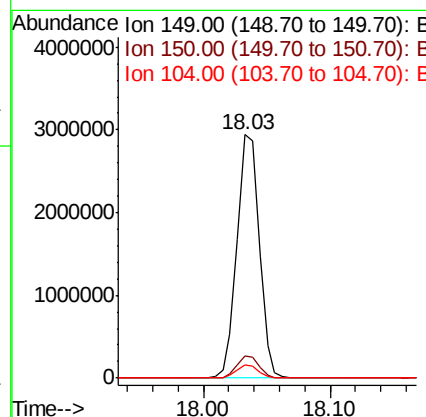
Manual Integrations
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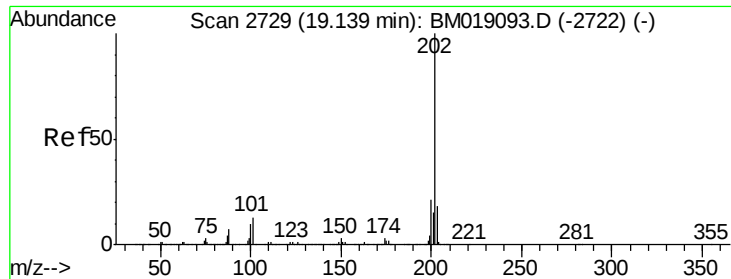
Sohil
 3/14/2019 3:38:02 PM



#74
 Di-n-butylphthalate
 Concen: 41.354 ng
 RT: 18.03 min Scan# 2558
 Delta R.T. -0.01 min
 Lab File: BM019148.D
 Acq: 13 Mar 2019 16:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	5.4	4.2	6.4





#75

Fluoranthene

Concen: 38.762 ng

RT: 19.13 min Scan# 2745

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Instrument :

BNA_M

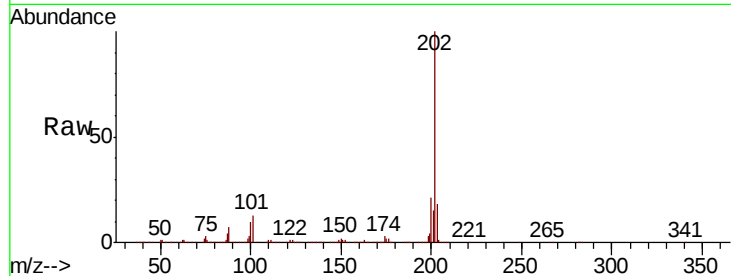
ClientSampleId :

PB117864BS

Tot Ion:	202	Resp:	3429002
Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	33.0
203	17.7	0.0	37.8

Manual Integrations
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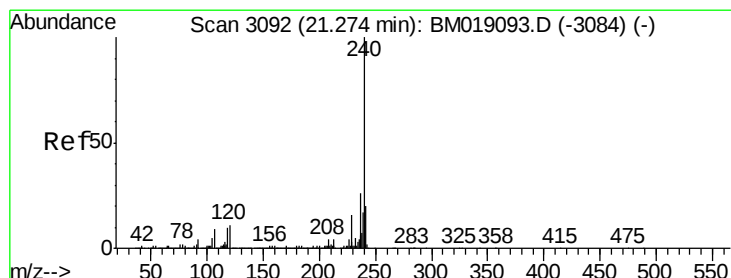
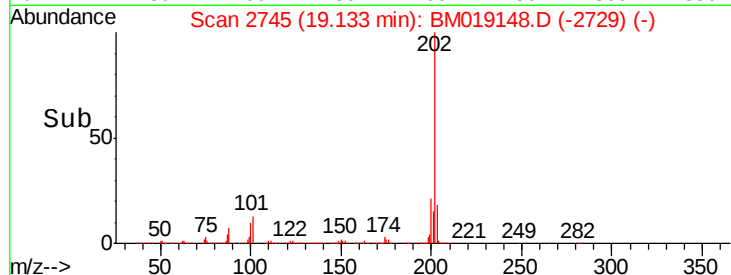
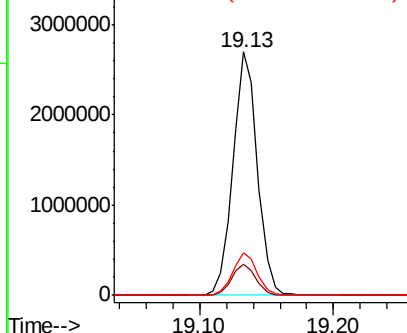


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.27 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

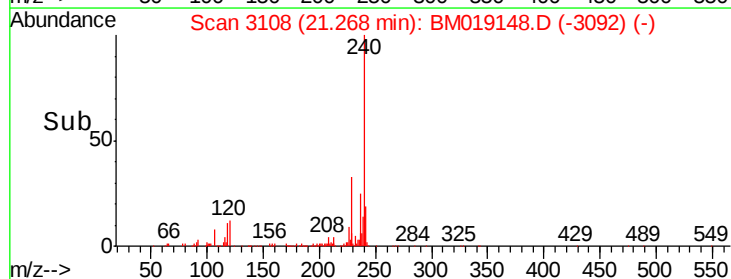
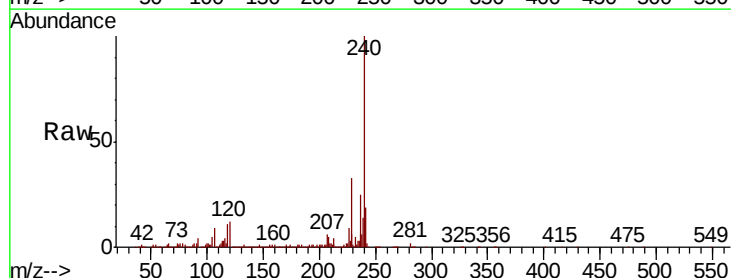
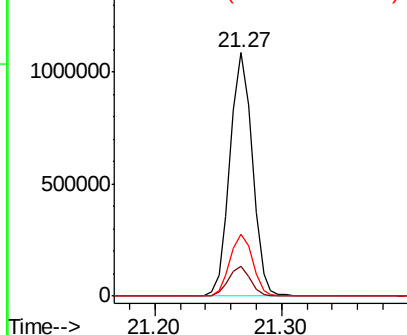
Tgt Ion:	240	Resp:	1326598
Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.9	13.3
236	25.5	21.0	31.4

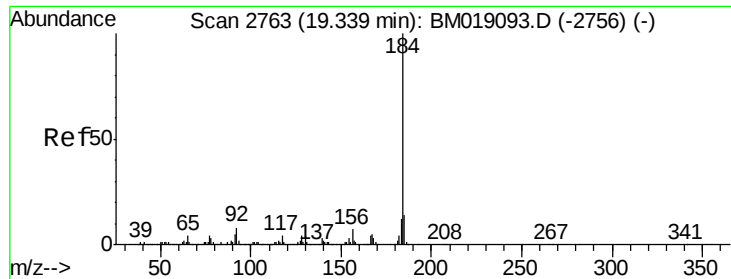
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.749 ng

RT: 19.34 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Instrument :

BNA_M

ClientSampleId :

PB117864BS

Tot Ion:184 Resp: 1645957

Ion Ratio Lower Upper

184 100

185 13.9 11.0 16.4

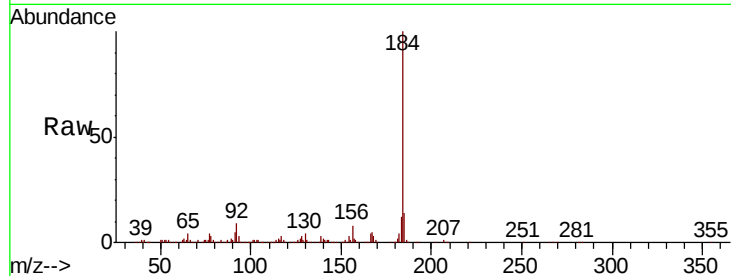
183 12.0 9.8 14.6

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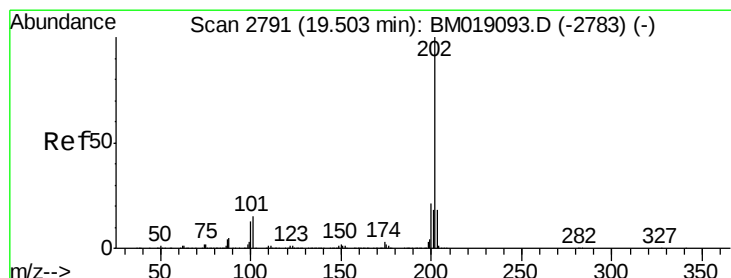
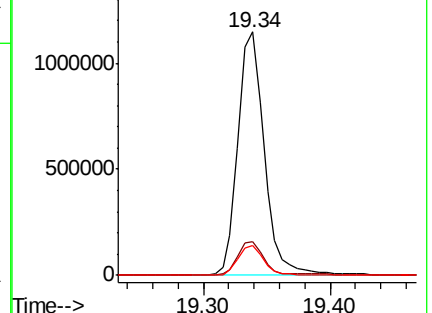
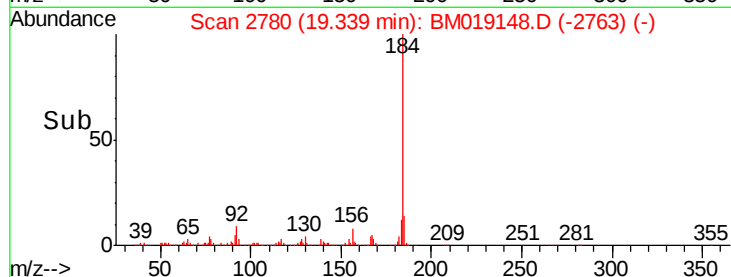
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.532 ng

RT: 19.50 min Scan# 2808

Delta R.T. -0.00 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

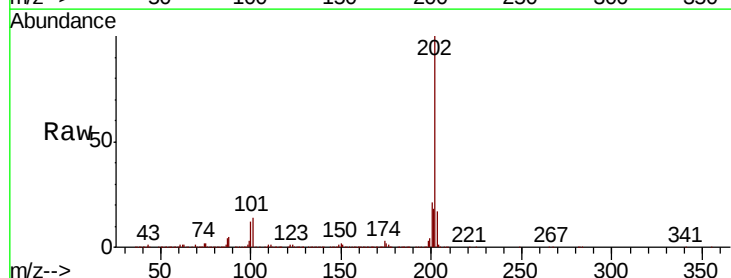
Tgt Ion:202 Resp: 3486002

Ion Ratio Lower Upper

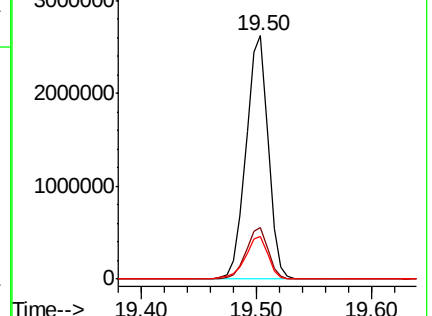
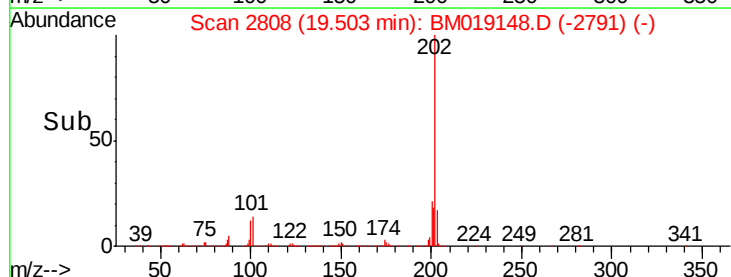
202 100

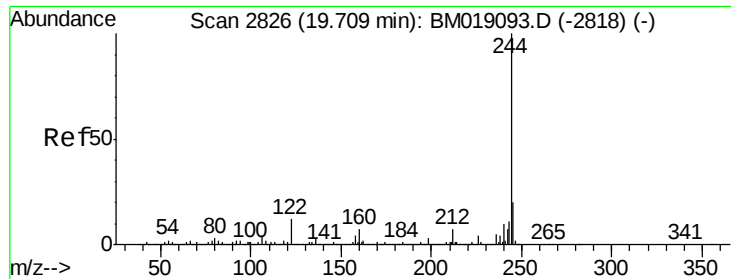
200 21.0 16.9 25.3

203 17.3 14.0 21.0



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





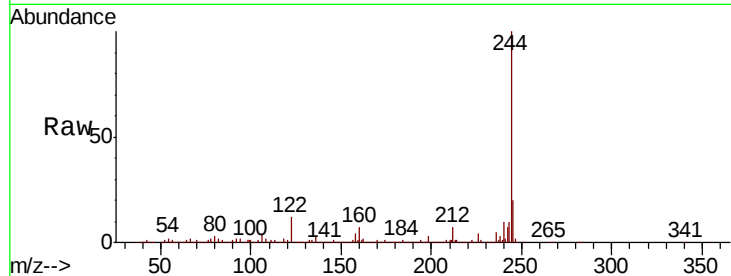
#79
 Terphenyl-d14
 Concen: 81.563 ng
 RT: 19.70 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BM019148.D
 Acq: 13 Mar 2019 16:27

Instrument :
 BNA_M
 ClientSampleId :
 PB117864BS

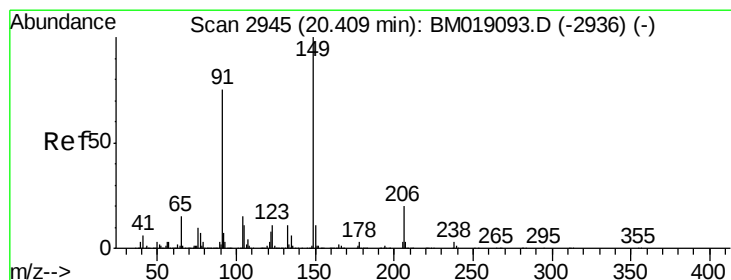
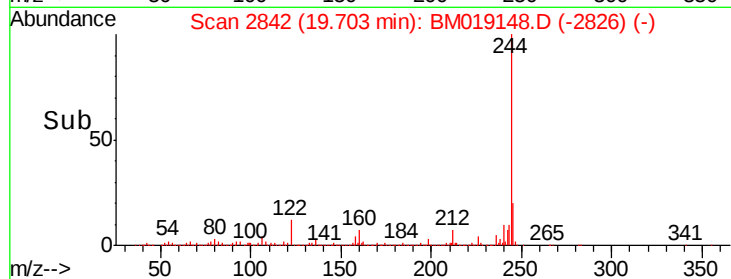
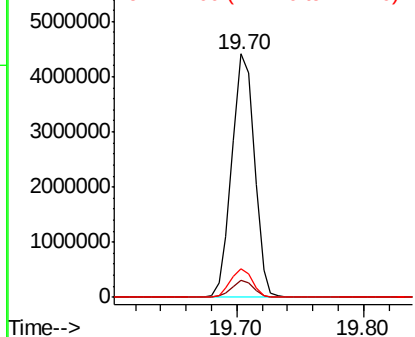
Tot Ion:244 Resp: 5450369
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 11.8 9.4 14.2

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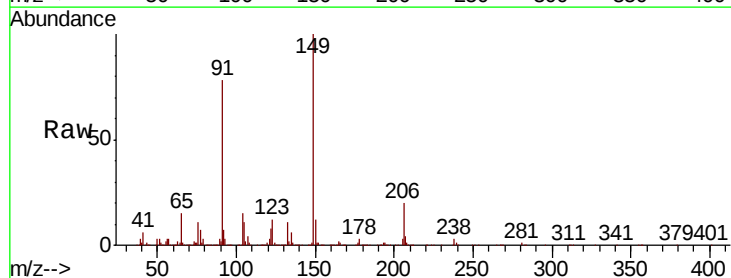


Abundance Ion 244.00 (243.70 to 244.70): E
 6000000
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

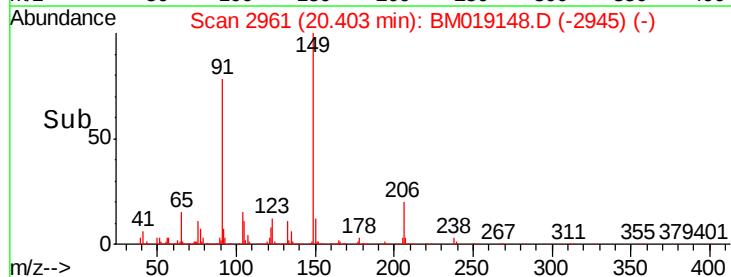
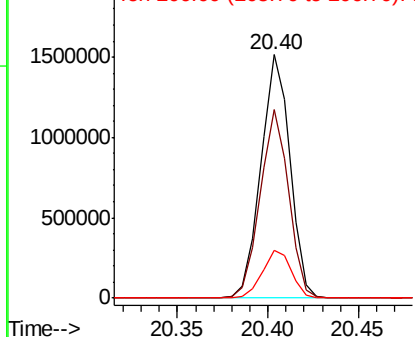


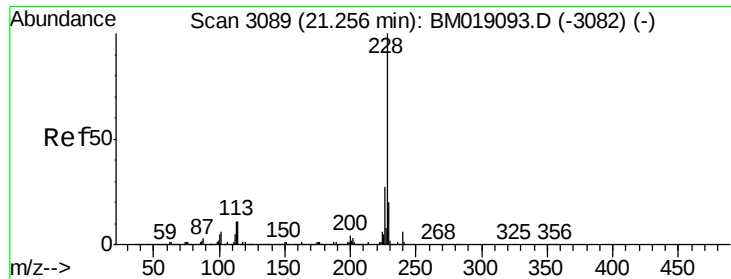
#80
 Butylbenzylphthalate
 Concen: 46.089 ng
 RT: 20.40 min Scan# 2961
 Delta R.T. -0.01 min
 Lab File: BM019148.D
 Acq: 13 Mar 2019 16:27

Tgt Ion:149 Resp: 1684963
 Ion Ratio Lower Upper
 149 100
 91 77.5 60.1 90.1
 206 19.8 16.2 24.2



Abundance Ion 149.00 (148.70 to 149.70): E
 2000000
 Ion 91.00 (90.70 to 91.70): BM
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.301 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Instrument :

BNA_M

ClientSampleId :

PB117864BS

Tot Ion:228 Resp: 3187665

Ion Ratio Lower Upper

228 100

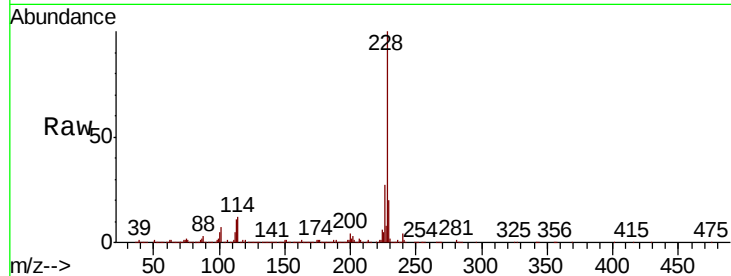
226 27.3 21.8 32.8

229 19.8 15.8 23.6

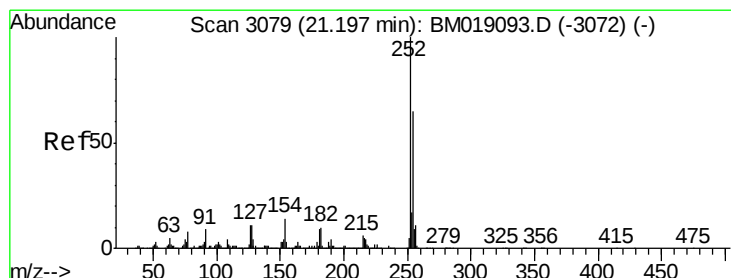
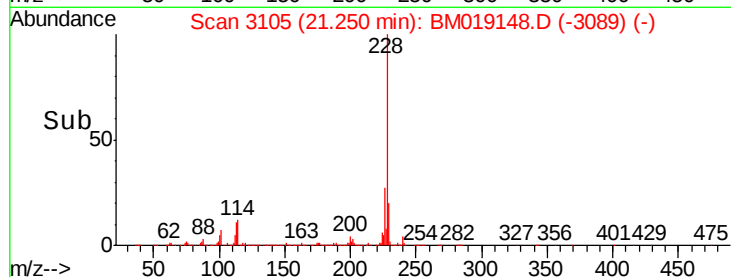
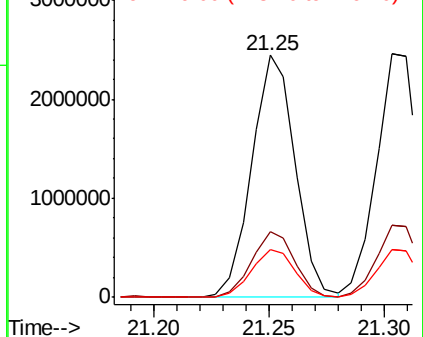
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.052 ng

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

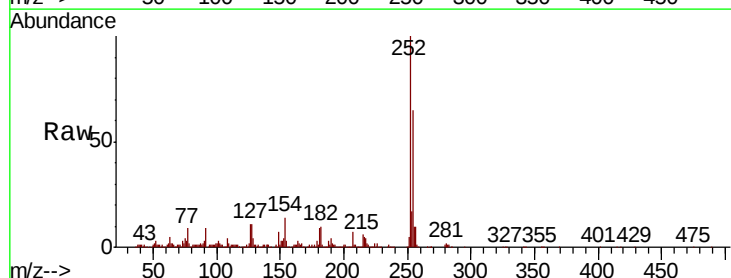
Tgt Ion:252 Resp: 899383

Ion Ratio Lower Upper

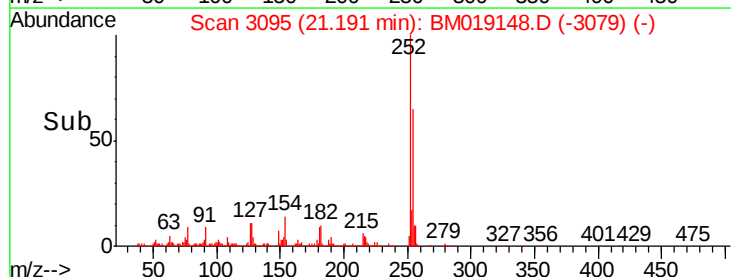
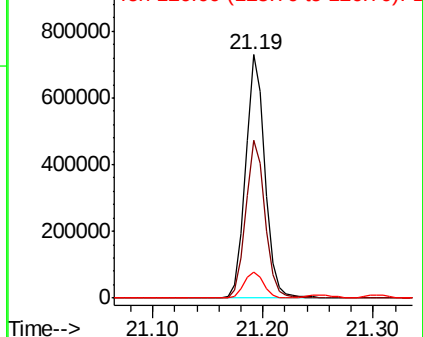
252 100

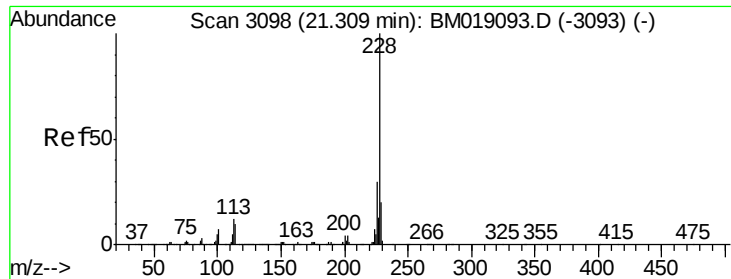
254 64.8 52.4 78.6

126 10.8 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





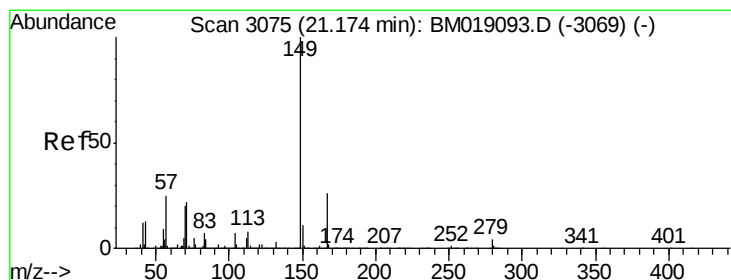
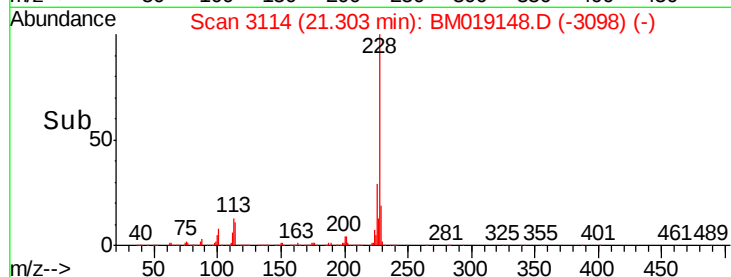
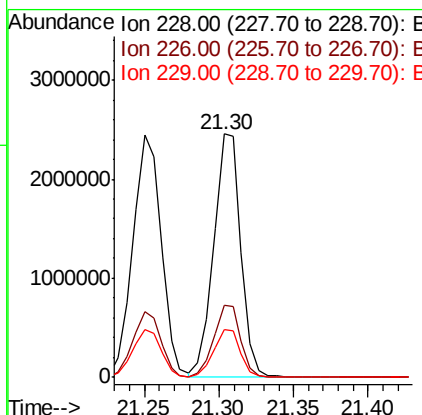
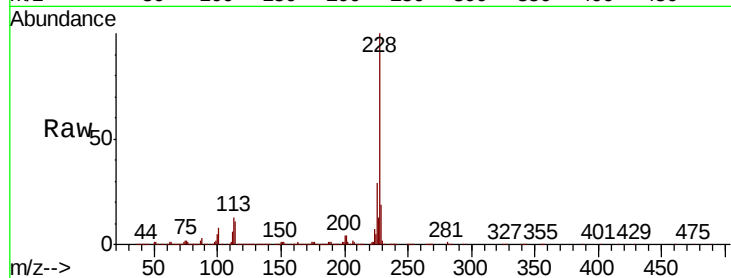
#83
 Chrysene
 Concen: 38.665 ng
 RT: 21.30 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BM019148.D
 Acq: 13 Mar 2019 16:27

Instrument :
 BNA_M
 ClientSampleId :
 PB117864BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.8	35.8
229	19.5	15.7	23.5

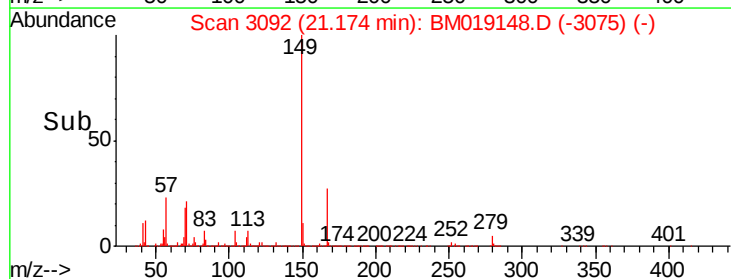
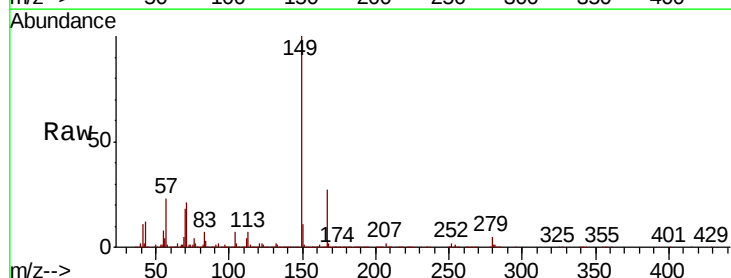
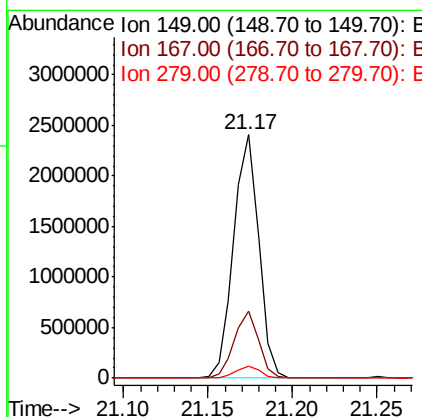
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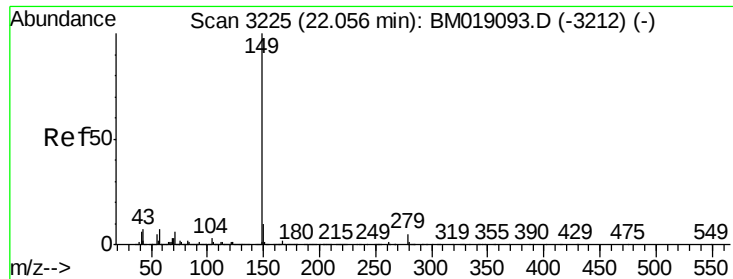
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.702 ng
 RT: 21.17 min Scan# 3092
 Delta R.T. -0.00 min
 Lab File: BM019148.D
 Acq: 13 Mar 2019 16:27

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.1	31.7
279	4.6	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 46.052 ng

RT: 22.05 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Instrument :

BNA_M

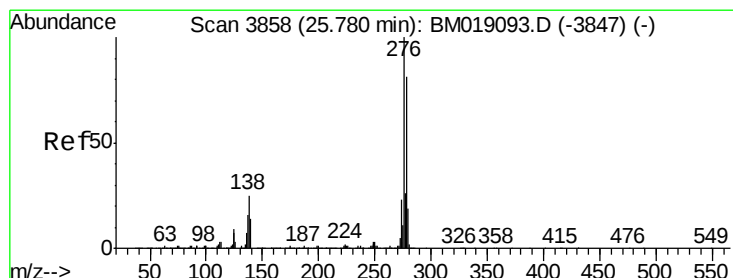
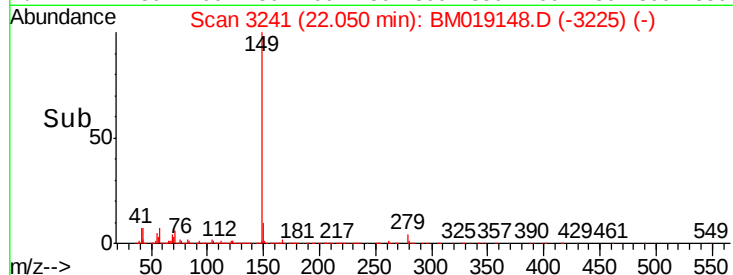
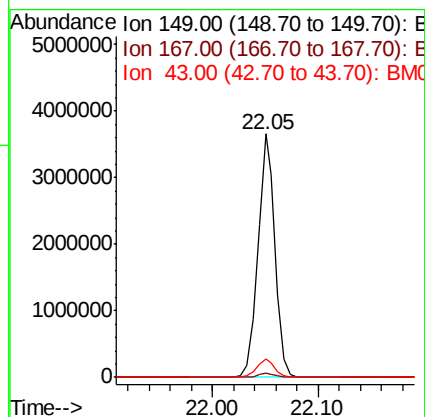
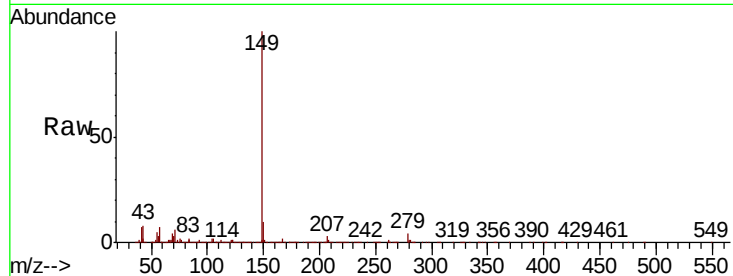
ClientSampleId :

PB117864BS

Tot Ion:	149	Resp:	4124464
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	7.5	6.1	9.1

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#86

Indeno(1,2,3-cd)pyrene

Concen: 35.032 ng

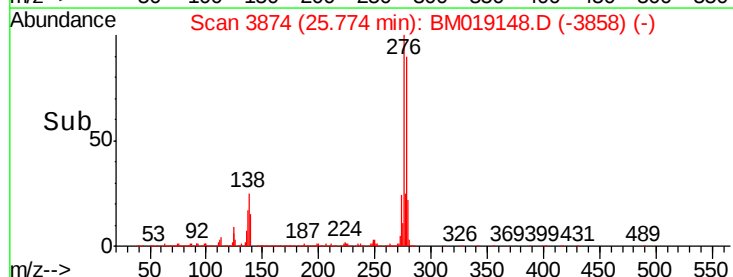
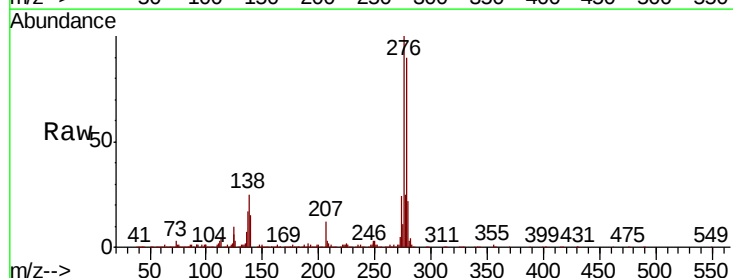
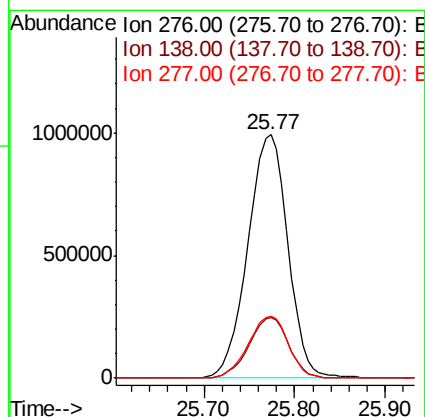
RT: 25.77 min Scan# 3874

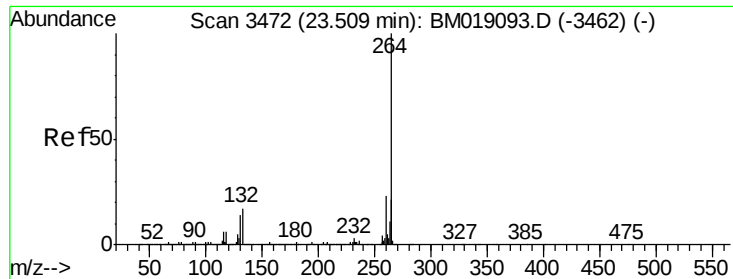
Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Tgt Ion:	276	Resp:	3036345
Ion Ratio	Lower	Upper	
276	100		
138	24.9	19.8	29.8
277	25.6	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.50 min Scan# 3488

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Instrument :

BNA_M

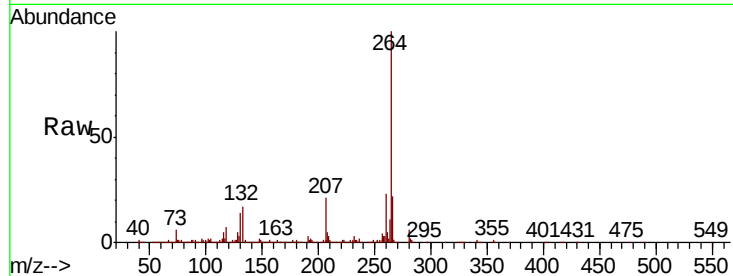
ClientSampleId :

PB117864BS

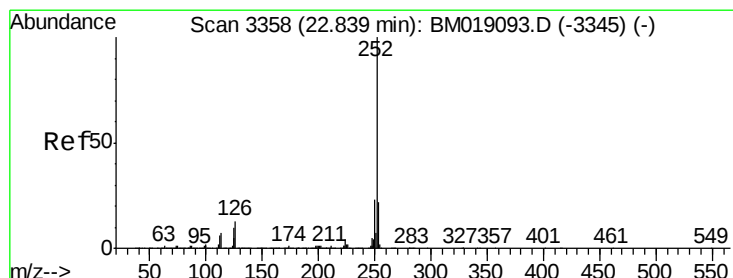
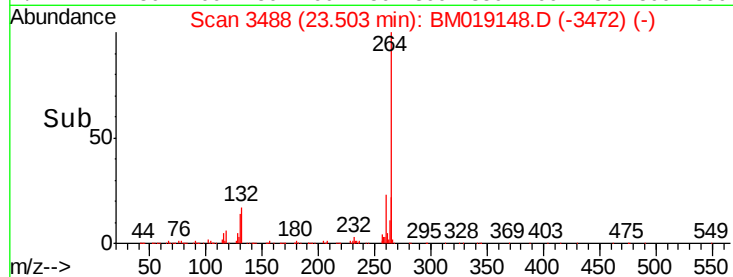
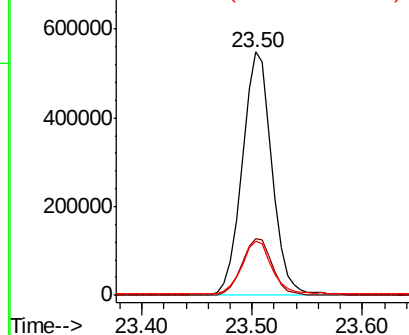
Tot Ion:	264	Resp:	1039906
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	22.3	17.3	25.9

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.382 ng

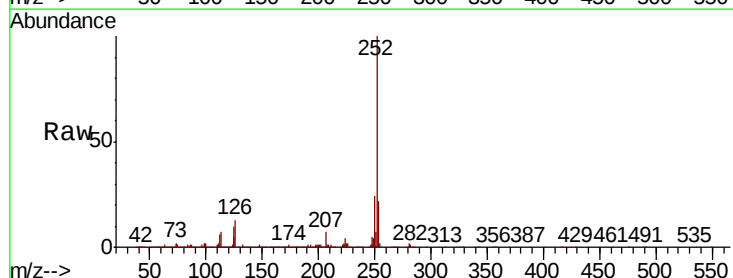
RT: 22.83 min Scan# 3374

Delta R.T. -0.01 min

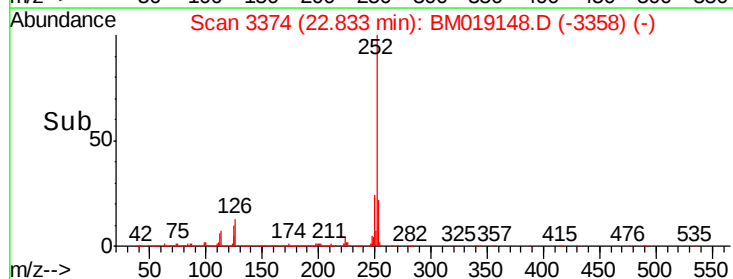
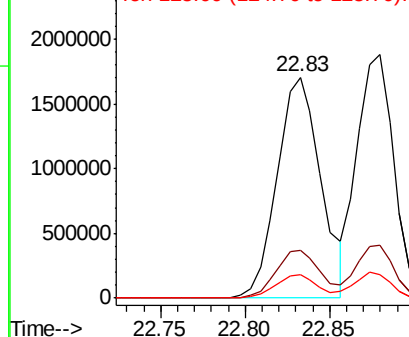
Lab File: BM019148.D

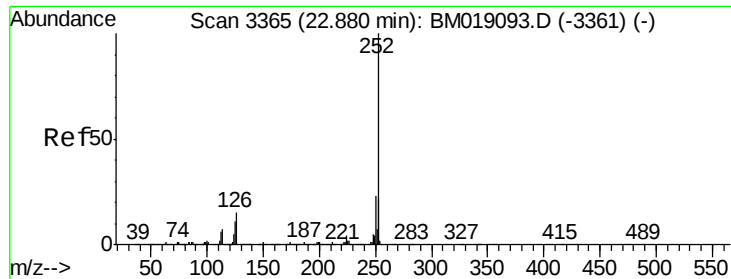
Acq: 13 Mar 2019 16:27

Tgt Ion:	252	Resp:	3057985
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	10.4	8.1	12.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





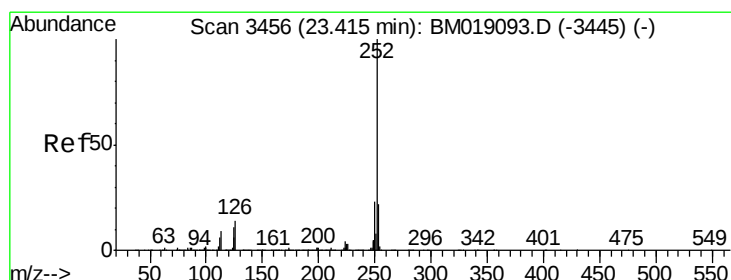
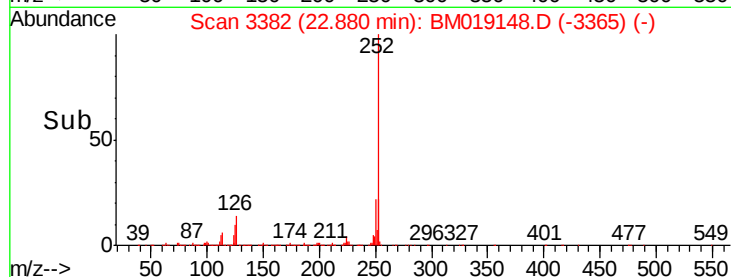
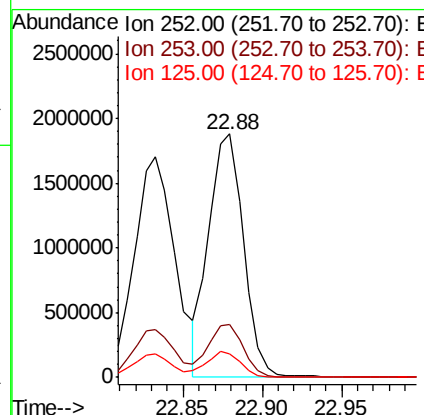
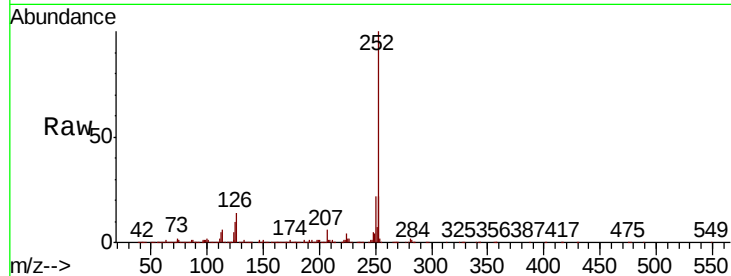
#89
Benzo(k)fluoranthene
Concen: 46.154 ng
RT: 22.88 min Scan# 3382
Delta R.T. -0.00 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Instrument :
BNA_M
ClientSampleID :
PB117864BS

Tot Ion:252 Resp: 2860510
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 9.9 8.8 13.2

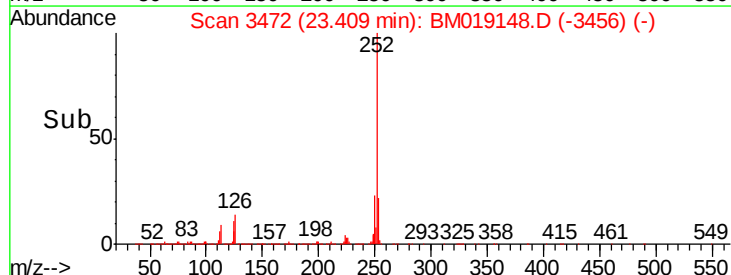
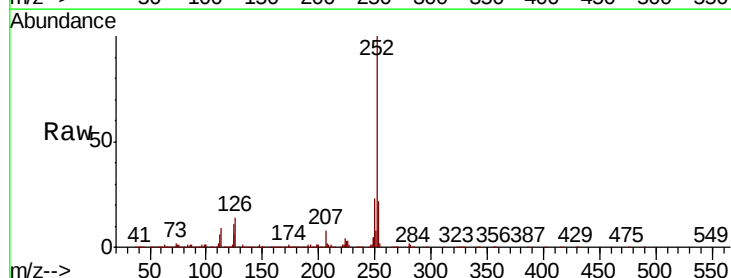
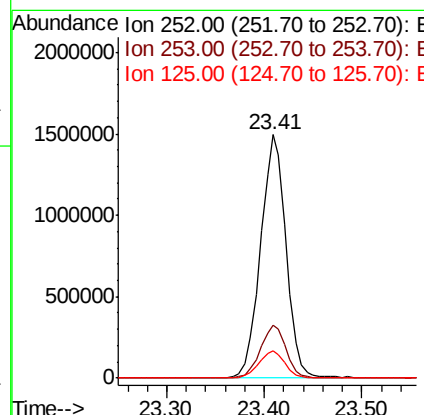
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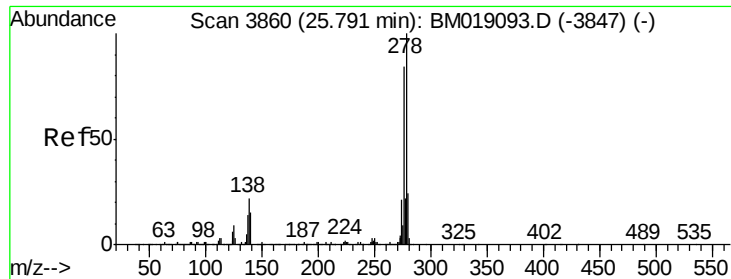
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#90
Benzo(a)pyrene
Concen: 45.269 ng
RT: 23.41 min Scan# 3472
Delta R.T. -0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Tgt Ion:252 Resp: 2741292
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 11.3 9.2 13.8





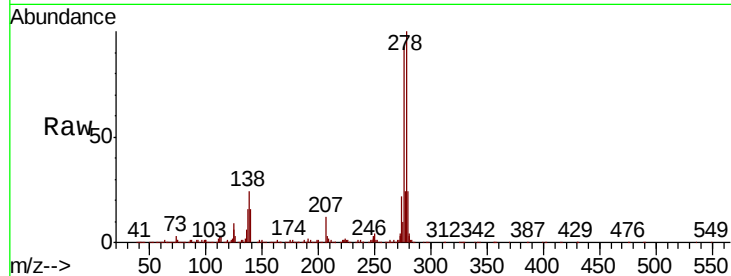
#91
Dibenzo(a,h)anthracene
Concen: 45.141 ng
RT: 25.78 min Scan# 3875
Delta R.T. -0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Instrument :
BNA_M
ClientSampled :
PB117864BS

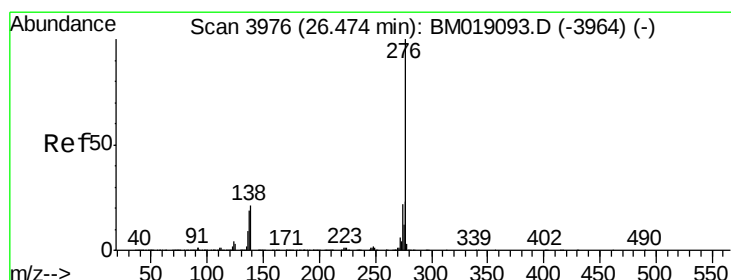
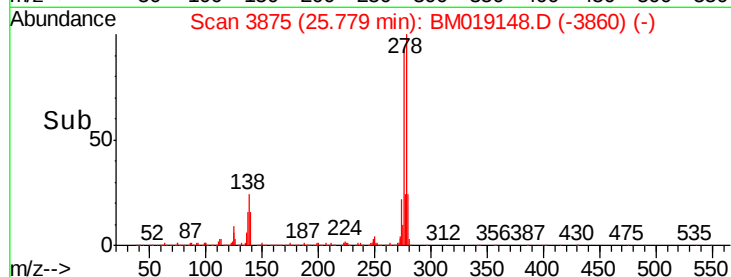
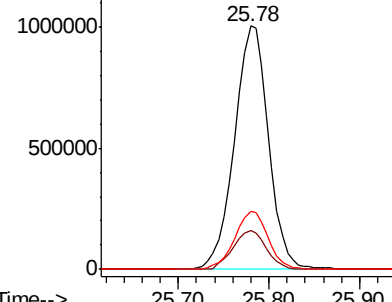
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.3	18.5
279	23.7	18.9	28.3

Manual Integrations
APPROVED

Sohil
3/14/2019 3:38:02 PM

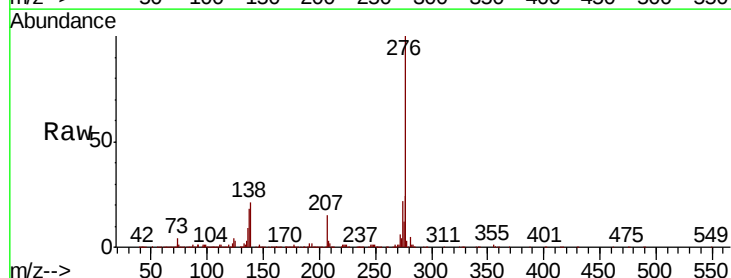


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 46.254 ng
RT: 26.46 min Scan# 3991
Delta R.T. -0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	20.7	17.0	25.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

