

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060618\
 Data File : BM015511.D
 Acq On : 07 Jun 2018 05:18
 Operator : SJ/JU
 Sample : J3195-11MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OILY-STONESMSD

Manual Integrations
 APPROVED

Sohil
 6/7/2018 1:05:03 PM

Quant Time: Jun 07 08:58:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 06 14:01:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	149528	20.00	ng	0.00
21) Naphthalene-d8	11.19	136	567238	20.00	ng	0.00
38) Acenaphthene-d10	14.97	164	279137	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	590079	20.00	ng	0.00
75) Chrysene-d12	21.79	240	590563	20.00	ng	-0.01
86) Perylene-d12	24.21	264	604389	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.85	112	1243562	141.47	ng	0.00
7) Phenol-d6	7.50	99	1481344	111.49	ng	0.00
23) Nitrobenzene-d5	9.54	82	1132346	108.58	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	581274	144.91	ng	0.00
44) 2-Fluorobiphenyl	13.60	172	2251041	108.28	ng	0.00
78) Terphenyl-d14	20.25	244	3051775	119.28	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	149488	45.598	ng	# 100
3) Pyridine	4.05	79	342901	35.977	ng	# 87
4) n-Nitrosodimethylamine	3.95	42	259150	48.598	ng	# 63
6) Aniline	7.67	93	251373	14.914	ng	95
8) 2-Chlorophenol	7.91	128	476576	43.759	ng	96
9) Benzaldehyde	7.48	77	161436	19.089	ng	90
10) Phenol	7.53	94	488719	36.265	ng	84
11) bis(2-Chloroethyl)ether	7.76	93	430242	40.891	ng	89
12) 1,3-Dichlorobenzene	8.24	146	511339	43.923	ng	# 96
13) 1,4-Dichlorobenzene	8.39	146	523837	44.091	ng	97
14) 1,2-Dichlorobenzene	8.71	146	502068	43.245	ng	96
15) Benzyl Alcohol	8.60	79	414708	38.999	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.88	45	703282	40.220	ng	95
17) 2-Methylphenol	8.80	107	364798	38.477	ng	# 93
18) Hexachloroethane	9.45	117	196504	44.905	ng	94
19) n-Nitroso-di-n-propylamine	9.17	70	363190	36.152	ng	# 86
20) 3+4-Methylphenols	9.13	107	488154	37.232	ng	93
22) Acetophenone	9.19	105	678253	48.609	ng	# 92
24) Nitrobenzene	9.59	77	548152	50.139	ng	97
25) Isophorone	10.10	82	914405	43.520	ng	95
26) 2-Nitrophenol	10.30	139	243952	49.482	ng	# 77
27) 2,4-Dimethylphenol	10.34	122	426283	46.082	ng	89
28) bis(2-Chloroethoxy)methane	10.58	93	558018	45.180	ng	99
29) 2,4-Dichlorophenol	10.83	162	408949	47.431	ng	97
30) 1,2,4-Trichlorobenzene	11.05	180	455584	49.198	ng	98
31) Naphthalene	11.24	128	1517417	51.616	ng	99
32) Benzoic acid	10.49	122	247611m	37.752	ng	
33) 4-Chloroaniline	11.35	127	104779	8.032	ng	# 88
34) Hexachlorobutadiene	11.50	225	274660	51.047	ng	97
35) Caprolactam	12.13	113	93935	28.416	ng	89
36) 4-Chloro-3-methylphenol	12.45	107	424967	41.460	ng	91
37) 2-Methylnaphthalene	12.82	142	1011220	45.767	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.18	216	479189	55.679	ng	# 100
40) Hexachlorocyclopentadiene	13.15	237	475092	94.649	ng	99

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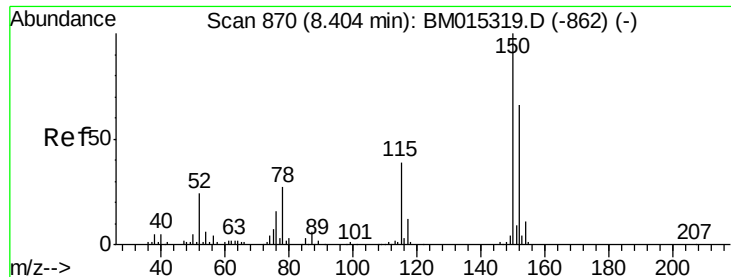
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.42	196	308568	52.917	ng	97
43) 2,4,5-Trichlorophenol	13.49	196	322616	50.393	ng	# 90
45) 1,1'-Biphenyl	13.81	154	1224932	53.093	ng	98
46) 2-Chloronaphthalene	13.86	162	940370	53.162	ng	94
47) 2-Nitroaniline	14.06	65	298541	51.068	ng	85
48) Acenaphthylene	14.70	152	1467342	51.733	ng	100
49) Dimethylphthalate	14.42	163	1104638	46.089	ng	100
50) 2,6-Dinitrotoluene	14.55	165	239706	47.039	ng	91
51) Acenaphthene	15.03	154	853053	49.308	ng	99
52) 3-Nitroaniline	14.88	138	118015	21.807	ng	# 79
53) 2,4-Dinitrophenol	15.09	184	250604	77.271	ng	93
54) Dibenzofuran	15.36	168	1332869	47.863	ng	92
55) 4-Nitrophenol	15.17	139	361673	75.668	ng	# 56
56) 2,4-Dinitrotoluene	15.33	165	325708	46.010	ng	# 83
57) Fluorene	16.01	166	1081494	47.205	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.59	232	269517	45.508	ng	# 100
59) Diethylphthalate	15.76	149	1113892	45.026	ng	97
60) 4-Chlorophenyl-phenylether	15.99	204	527050	46.284	ng	91
61) 4-Nitroaniline	16.03	138	242569	40.476	ng	# 61
62) Azobenzene	16.28	77	1172155	50.861	ng	87
64) 4,6-Dinitro-2-methylphenol	16.09	198	168377	49.536	ng	92
65) n-Nitrosodiphenylamine	16.20	169	936960	51.419	ng	99
66) 4-Bromophenyl-phenylether	16.87	248	326352	51.650	ng	# 87
67) Hexachlorobenzene	17.00	284	366686	50.468	ng	# 86
68) Atrazine	17.13	200	320130	50.453	ng	98
69) Pentachlorophenol	17.34	266	407040	95.378	ng	98
70) Phenanthrene	17.73	178	1633500	49.074	ng	100
71) Anthracene	17.83	178	1665958	48.872	ng	99
72) Carbazole	18.09	167	1502608	47.572	ng	100
73) Di-n-butylphthalate	18.61	149	1838336	46.496	ng	# 99
74) Fluoranthene	19.71	202	1808326	45.160	ng	98
76) Benzidine	19.88	184	300171	14.932	ng	98
77) Pyrene	20.07	202	1839635	51.540	ng	100
79) Butylbenzylphthalate	20.92	149	839755	48.911	ng	91
80) Benzo(a)anthracene	21.78	228	1832582	48.738	ng	99
81) 3,3'-Dichlorobenzidine	21.70	252	325750	22.009	ng	100
82) Chrysene	21.83	228	1719214	49.300	ng	99
83) Bis(2-ethylhexyl)phthalate	21.66	149	1185770	46.677	ng	96
84) Di-n-octyl phthalate	22.59	149	2013699	45.446	ng	# 93
85) Indeno(1,2,3-cd)pyrene	26.71	276	2127789	44.817	ng	# 91
87) Benzo(b)fluoranthene	23.48	252	1811132	49.356	ng	# 96
88) Benzo(k)fluoranthene	23.53	252	1811610	51.878	ng	99
89) Benzo(a)pyrene	24.11	252	1759338	49.607	ng	98
90) Dibenzo(a,h)anthracene	26.72	278	1820464	49.406	ng	98
91) Benzo(g,h,i)perylene	27.49	276	1746806	48.893	ng	97

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



#1

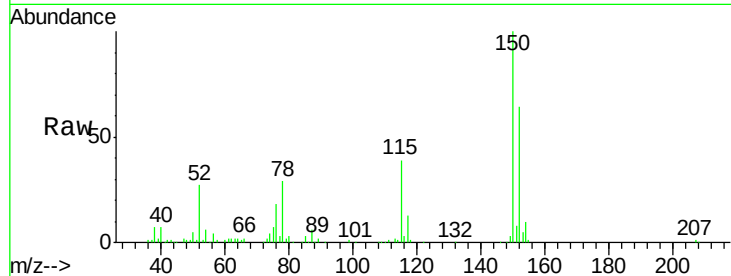
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.35 min Scan# 861
Delta R.T. -0.01 min
Lab File: BM015511.D
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Instrument :
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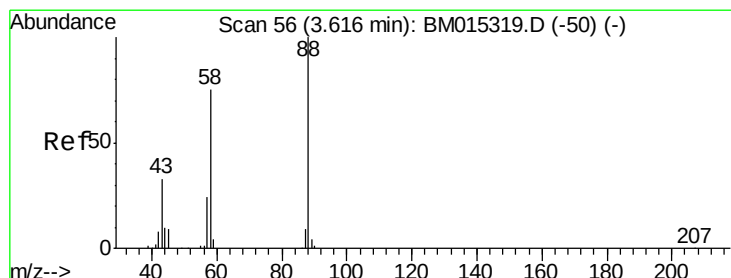
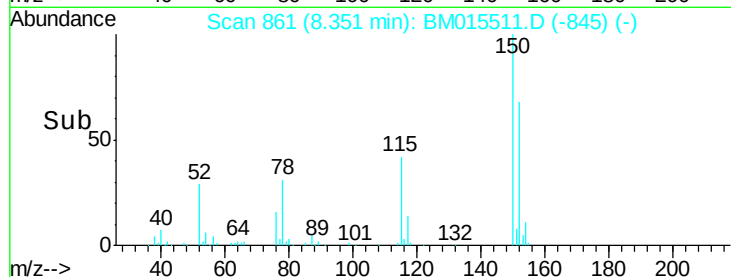
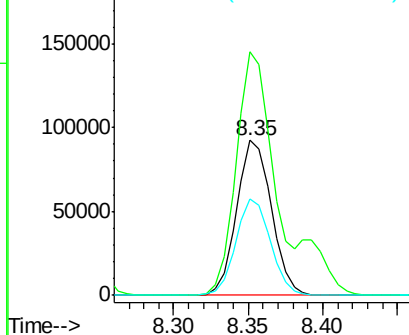
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	119.5	179.3
115	62.0	43.0	64.4

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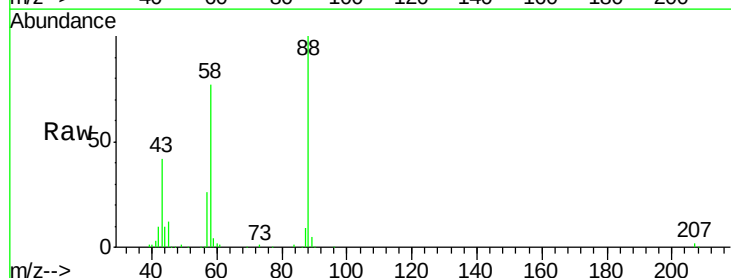
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



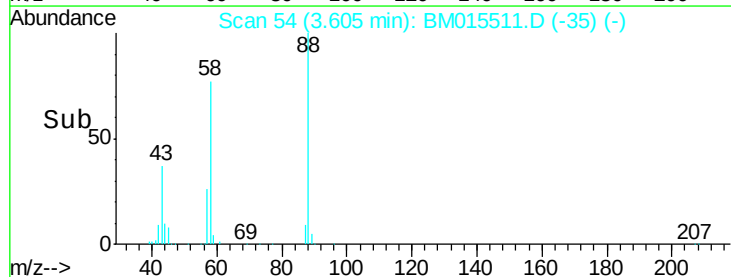
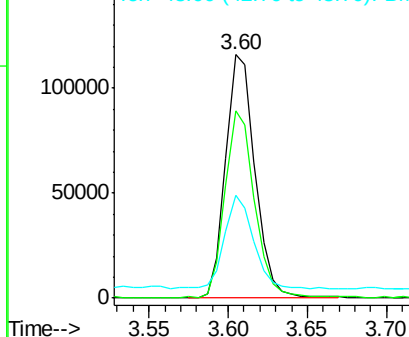
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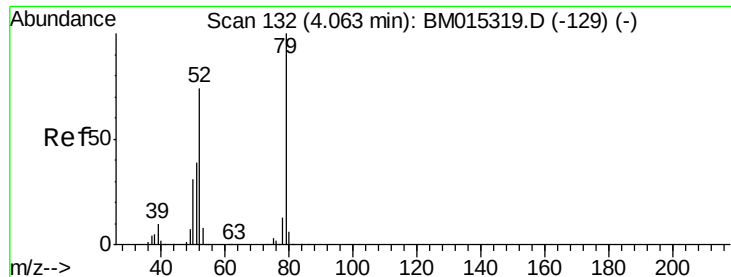
1,4-Dioxane
Concen: 45.598 ng
RT: 3.60 min Scan# 54
Delta R.T. 0.01 min
Lab File: BM015511.D
Acq: 07 Jun 2018 05:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.7	0.0	0.0#
43	37.7	0.0	0.0#



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: 35.977 ng

RT: 4.05 min Scan# 130

Delta R.T. 0.01 min

Lab File: BM015511.D

Acq: 07 Jun 2018 05:18

Instrument :

BNA_M

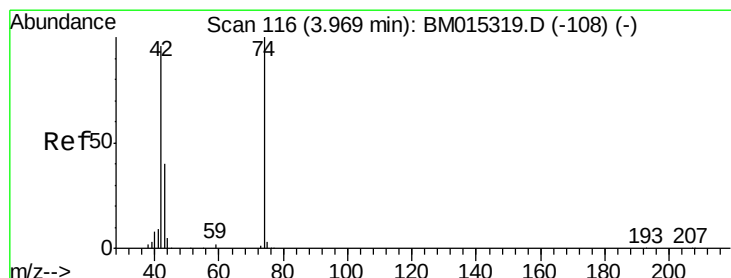
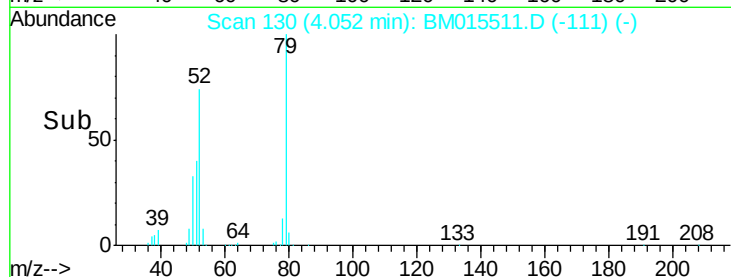
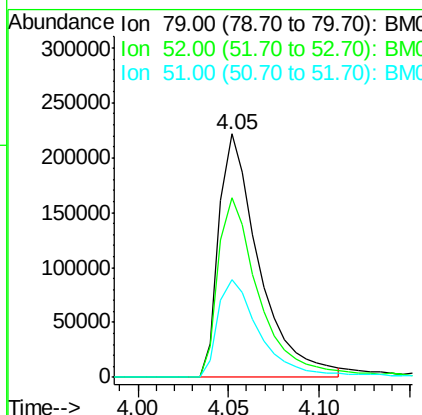
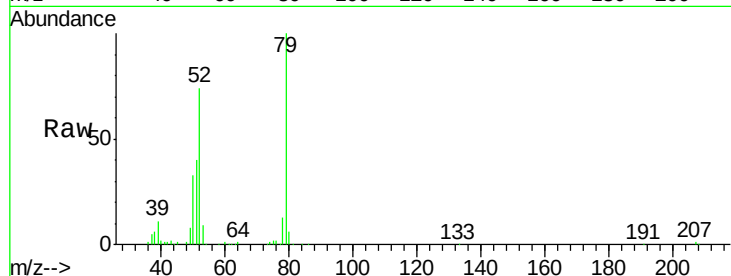
ClientSampleId :

OILY-STONESMSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	74.0	51.1	76.7
51	40.0	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 48.598 ng

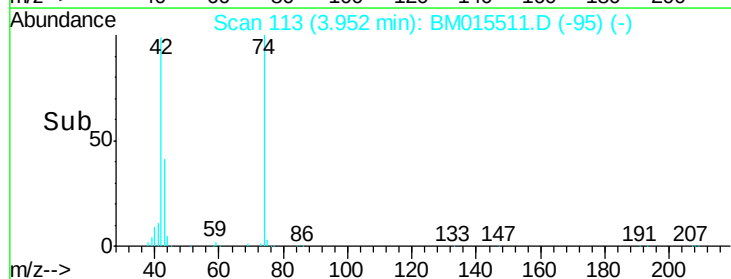
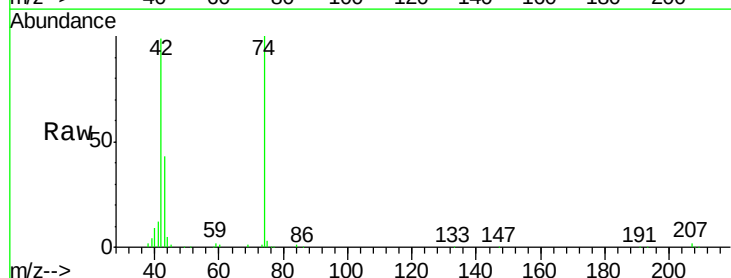
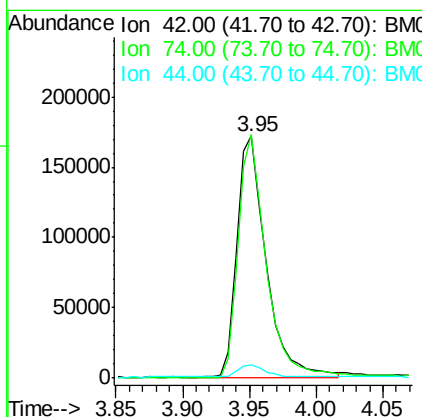
RT: 3.95 min Scan# 113

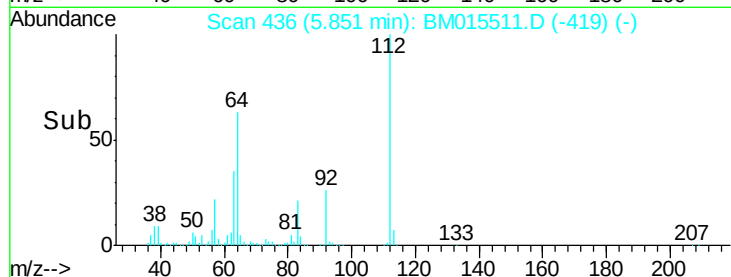
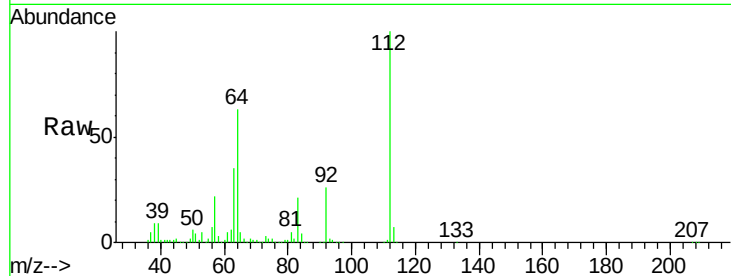
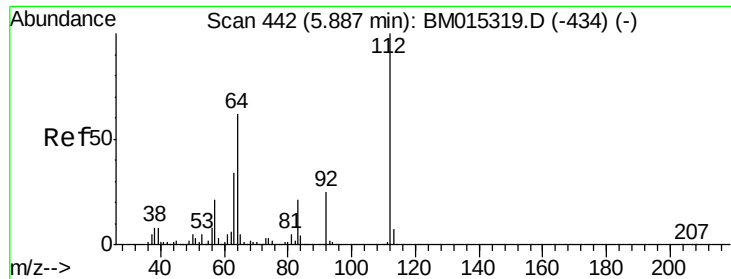
Delta R.T. 0.01 min

Lab File: BM015511.D

Acq: 07 Jun 2018 05:18

Tgt Ion	Ratio	Lower	Upper
42	100		
74	100.5	119.3	178.9
44	5.5	5.4	8.2





#5

2-Fluorophenol

Concen: 141.466 ng

RT: 5.85 min Scan# 436

Delta R.T. 0.00 min

Lab File: BM015511.D

Acq: 07 Jun 2018 05:18

Tot Ion:	112	Resp:	1243562
Ion	Ratio	Lower	Upper
112	100		
64	62.9	38.6	57.8#
63	35.0	19.3	28.9#

Instrument :

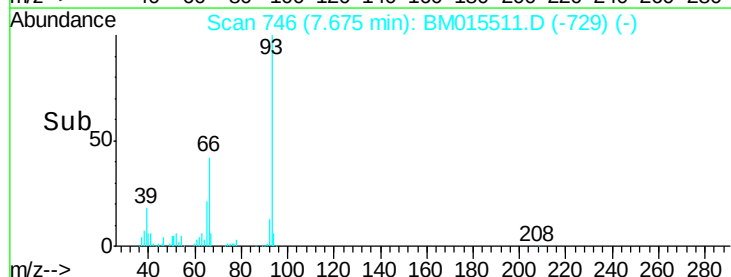
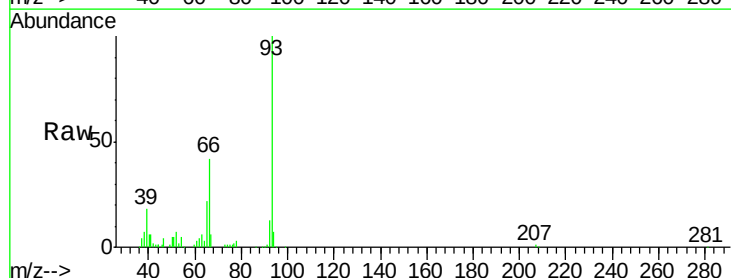
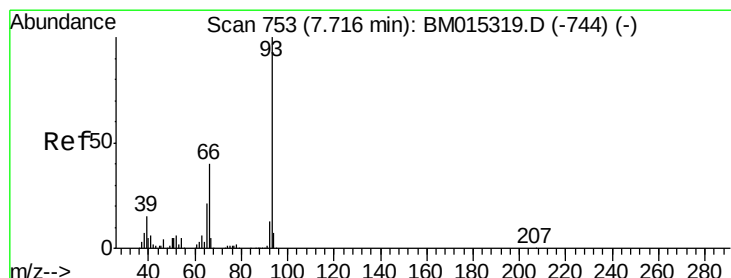
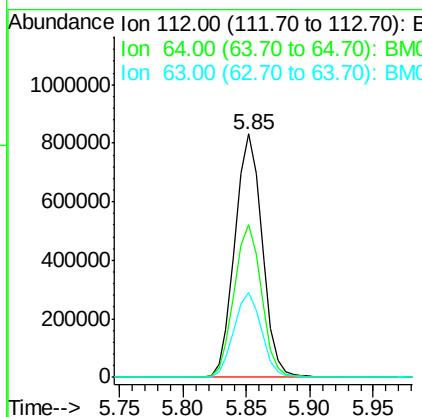
BNA_M

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#6

Aniline

Concen: 14.914 ng

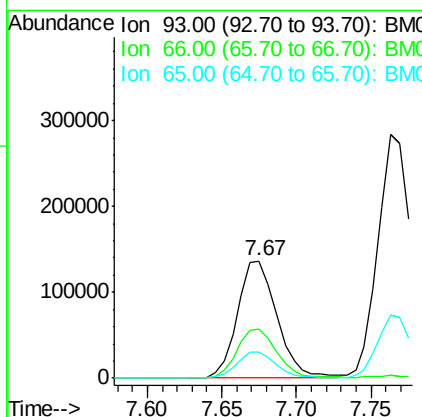
RT: 7.67 min Scan# 746

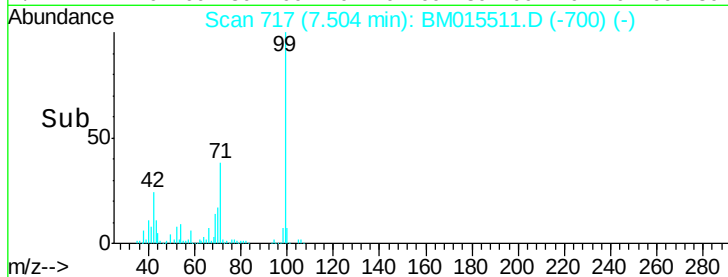
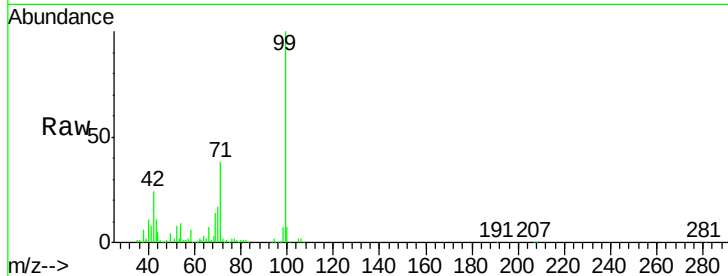
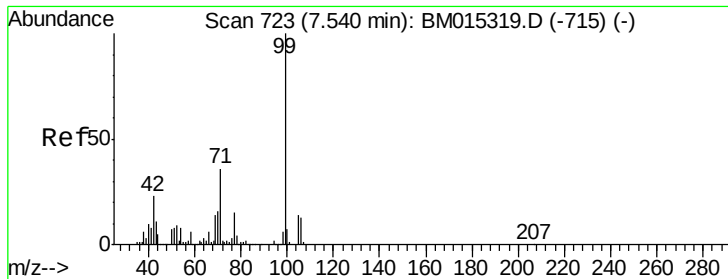
Delta R.T. 0.00 min

Lab File: BM015511.D

Acq: 07 Jun 2018 05:18

Tgt Ion:	93	Resp:	251373
Ion	Ratio	Lower	Upper
93	100		
66	42.3	30.8	46.2
65	21.8	16.0	24.0





#7

Phenol-d6

Concen: 111.494 ng

RT: 7.50 min Scan# 717

Delta R.T. 0.00 min

Lab File: BM015511.D

Acq: 07 Jun 2018 05:18

Tot Ion:	99	Resp:	1481344
Ion	Ratio	Lower	Upper
99	100		
42	23.9	11.0	16.4#
71	37.8	23.4	35.2#

Instrument :

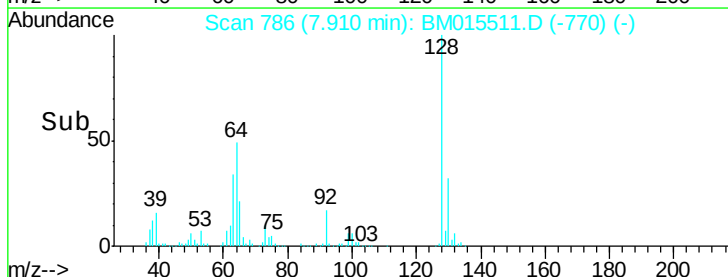
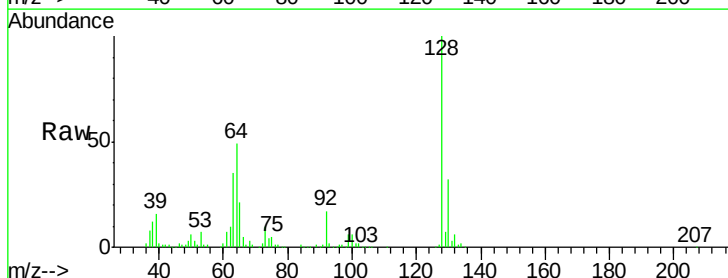
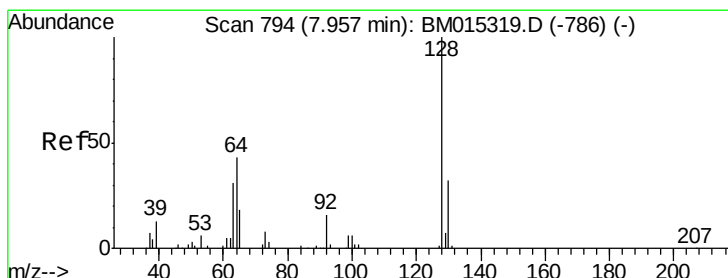
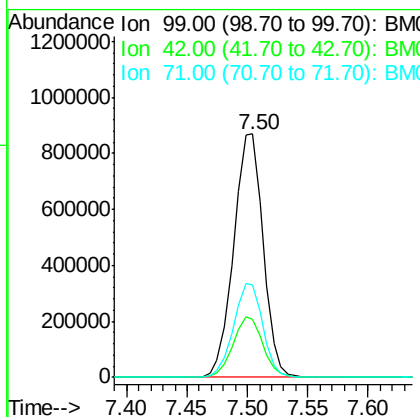
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#8

2-Chlorophenol

Concen: 43.759 ng

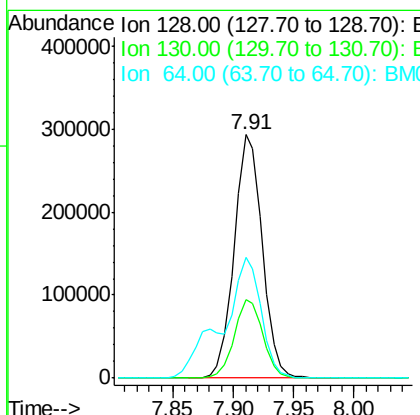
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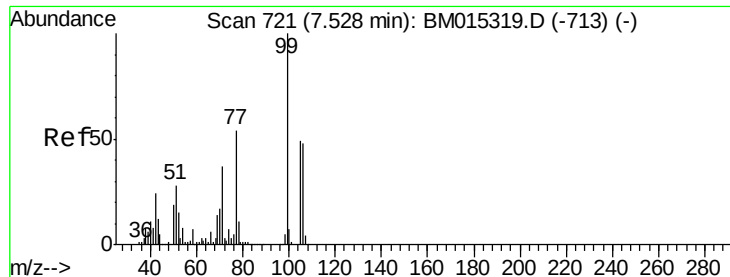
Delta R.T. -0.01 min

Lab File: BM015511.D

Acq: 07 Jun 2018 05:18

Tgt Ion:	128	Resp:	476576
Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.0	52.0
64	49.5	24.9	64.9





#9

Benzaldehyde

Concen: 19.089 ng

RT: 7.48 min Scan# 713

Delta R.T. -0.01 min

Lab File: BM015511.D

Acq: 07 Jun 2018 05:18

Instrument :

BNA_M

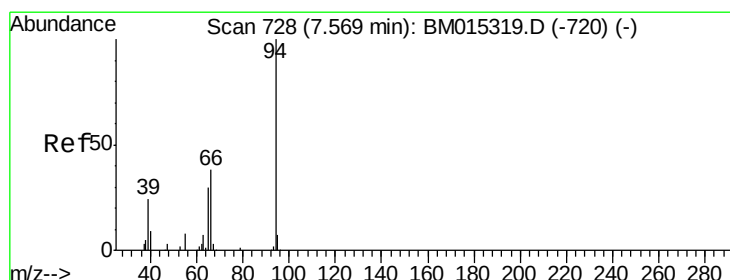
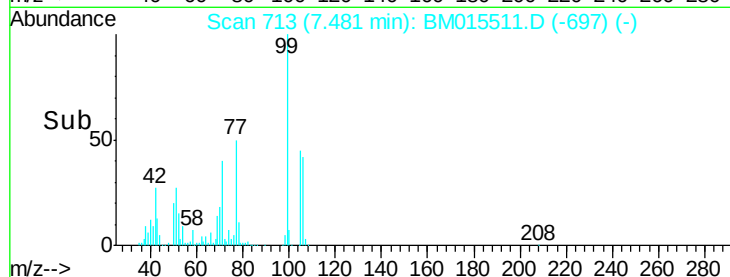
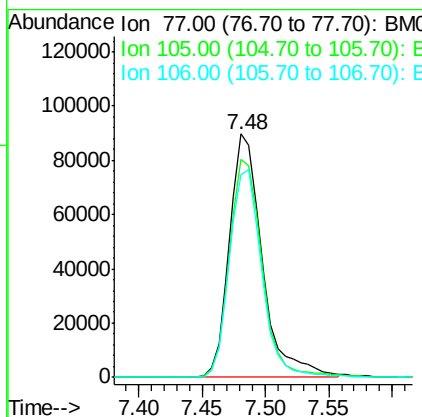
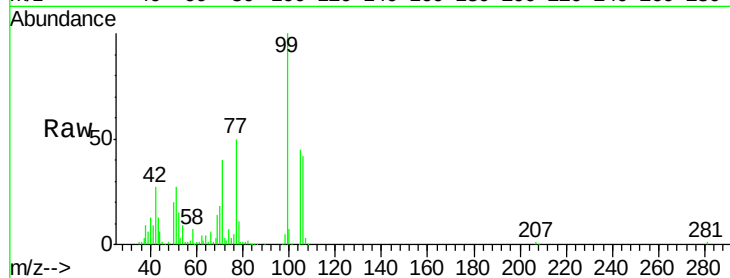
ClientSampleId :

OILY-STONESMSD

Tot Ion:	77	Resp:	161436
Ion Ratio	Lower	Upper	
77	100		
105	89.4	78.8	118.8
106	83.4	73.7	113.7

Manual Integrations
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#10

Phenol

Concen: 36.265 ng

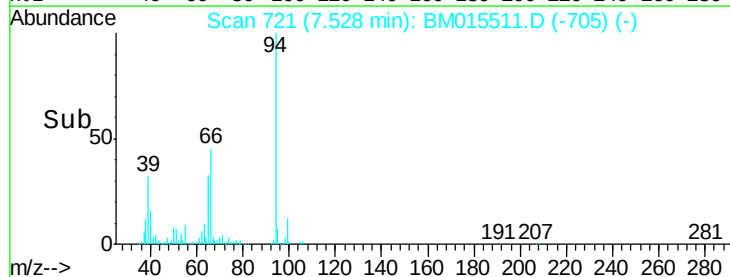
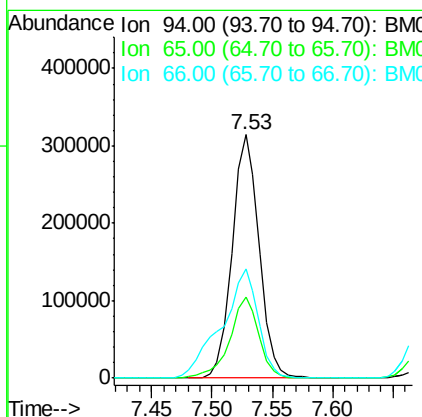
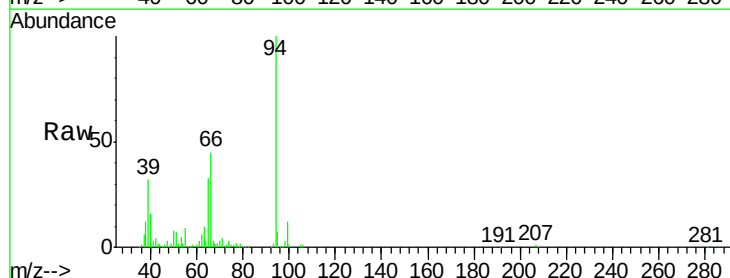
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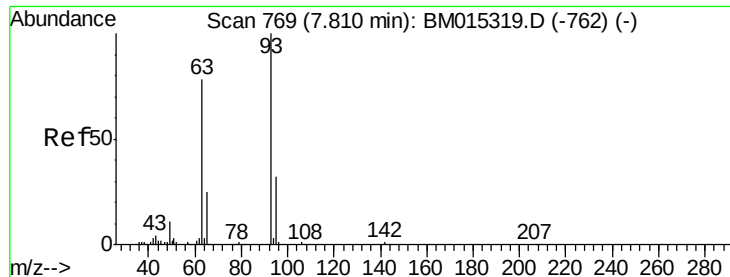
Delta R.T. -0.01 min

Lab File: BM015511.D

Acq: 07 Jun 2018 05:18

Tgt Ion:	94	Resp:	488719
Ion Ratio	Lower	Upper	
94	100		
65	33.1	18.8	58.8
66	44.6	39.9	79.9





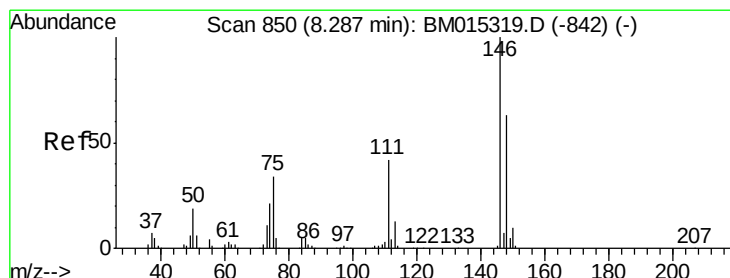
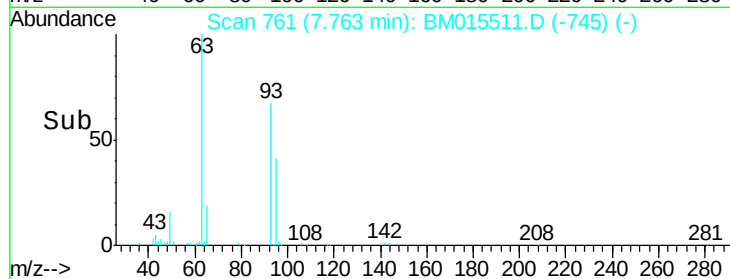
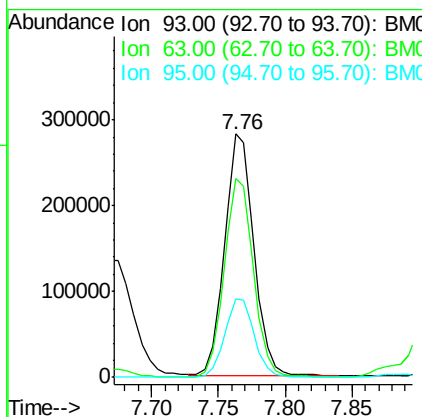
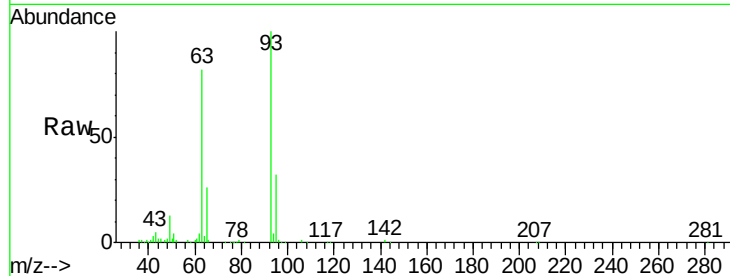
#11
bis(2-Chloroethyl)ether
Concen: 40.891 ng
RT: 7.76 min Scan# 761
Delta R.T. -0.01 min
Lab File: BM015511.D
Acq: 07 Jun 2018 05:18

Instrument :
BNA_M
ClientSampleId :
OILY-STONESMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.6	49.5	89.5
95	32.2	13.5	53.5

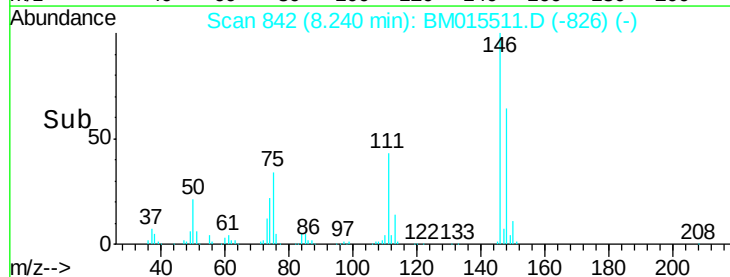
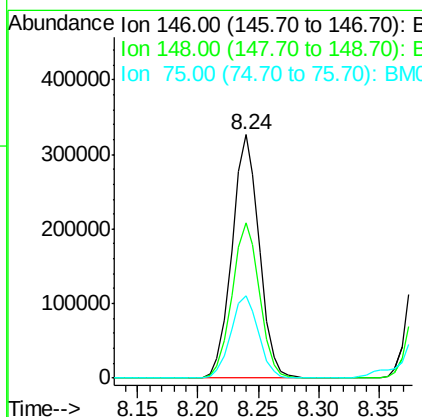
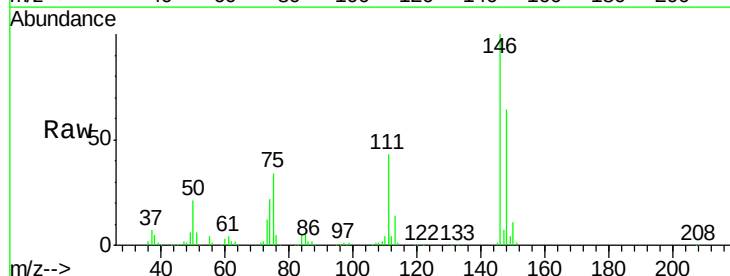
Manual Integrations
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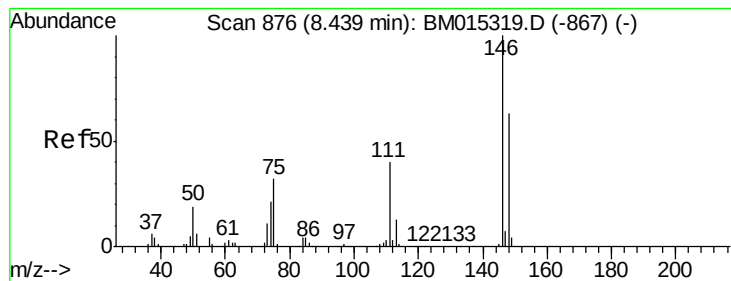
Sohil
6/7/2018 1:05:03 PM



#12
1,3-Dichlorobenzene
Concen: 43.923 ng
RT: 8.24 min Scan# 842
Delta R.T. -0.01 min
Lab File: BM015511.D
Acq: 07 Jun 2018 05:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.9	76.3
75	34.0	21.4	32.2





#13

1,4-Dichlorobenzene

Concen: 44.091 ng

RT: 8.39 min Scan# 868

Delta R.T. 0.00 min

Lab File: BM015511.D

Acq: 07 Jun 2018 05:18

Instrument :

BNA_M

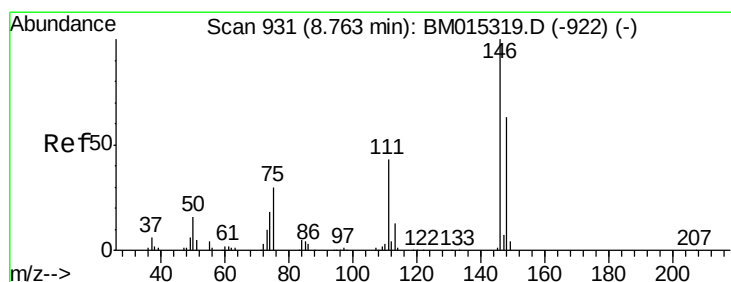
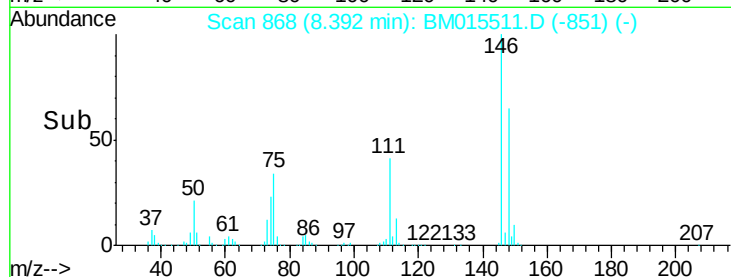
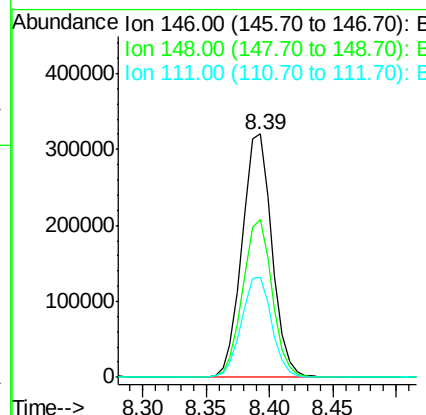
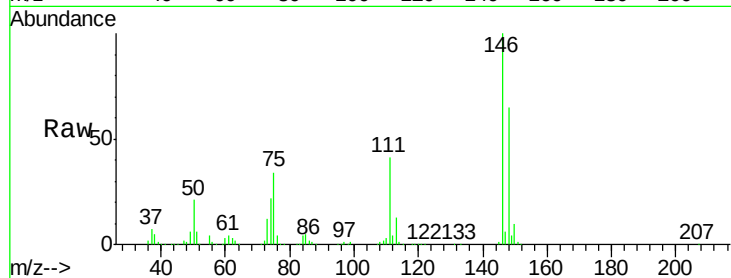
ClientSampleId :

OILY-STONESMSD

Tot Ion:	146	Resp:	523837
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.9	77.9
111	41.1	29.2	43.8

Manual Integrations
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6/7/2018 1:05:03 PM



#14

1,2-Dichlorobenzene

Concen: 43.245 ng

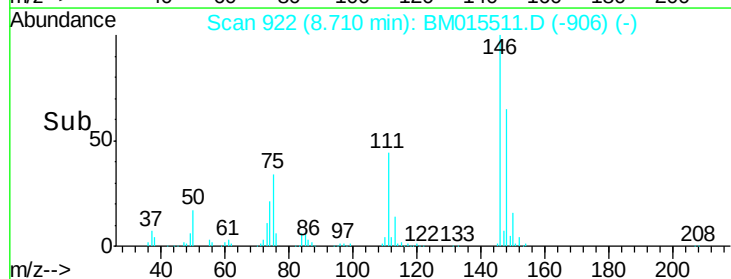
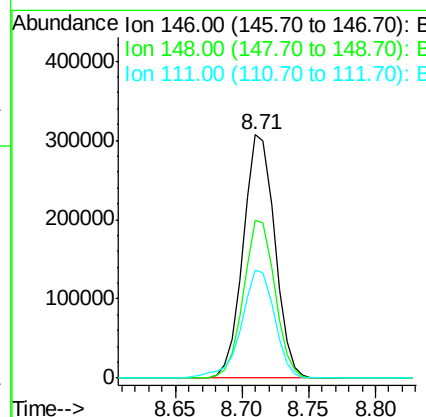
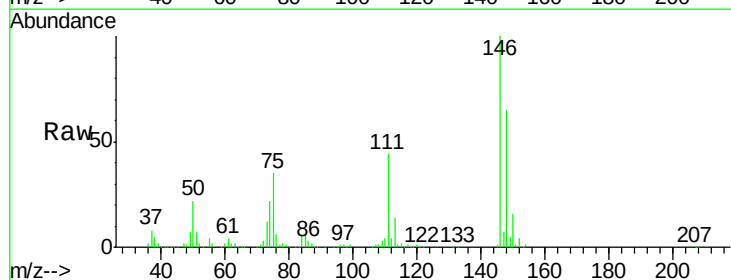
RT: 8.71 min Scan# 922

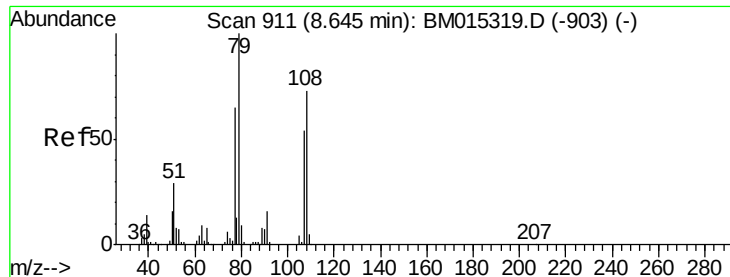
Delta R.T. -0.01 min

Lab File: BM015511.D

Acq: 07 Jun 2018 05:18

Tgt Ion:	146	Resp:	502068
Ion Ratio	Lower	Upper	
146	100		
148	64.7	52.3	78.5
111	44.2	30.6	45.8





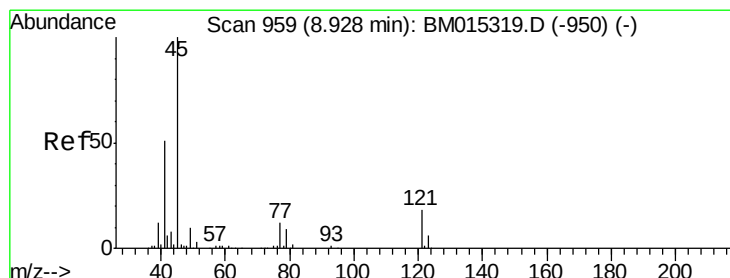
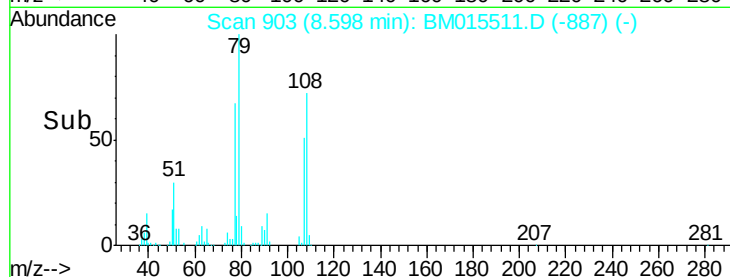
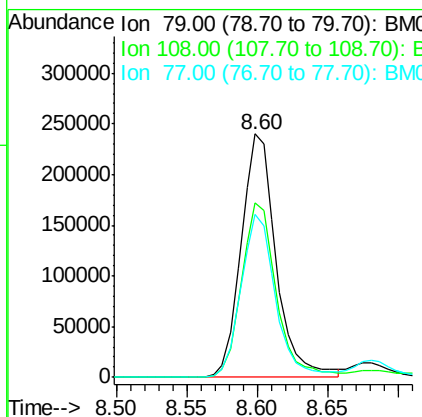
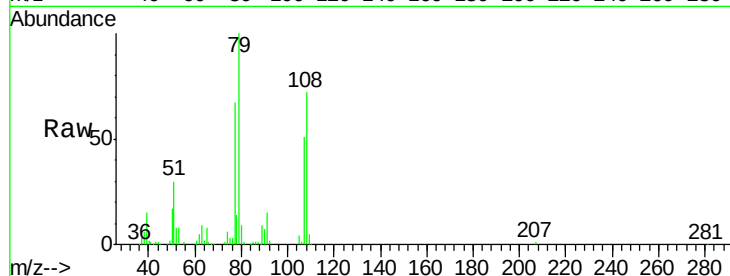
#15
Benzyl Alcohol
Concen: 38.999 ng
RT: 8.60 min Scan# 903
Delta R.T. -0.01 min
Lab File: BM015511.D
Acq: 07 Jun 2018 05:18

Instrument :
BNA_M
ClientSampleId :
OILY-STONESMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.7	65.0	97.4
77	67.1	53.0	79.6

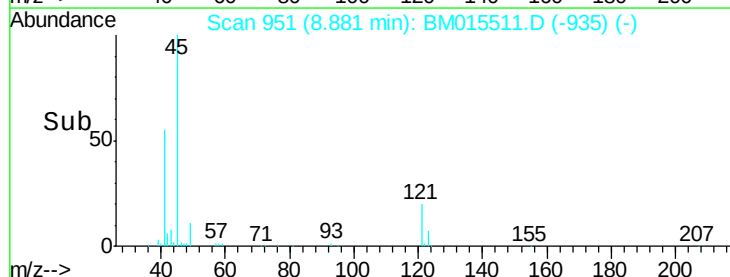
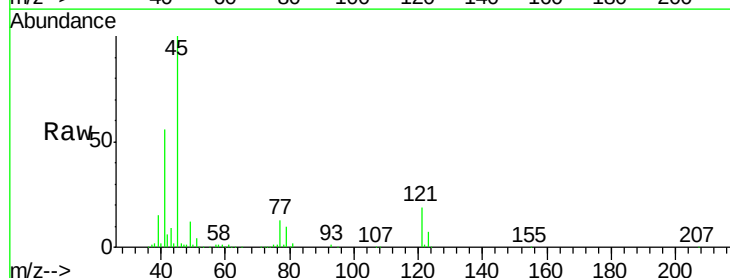
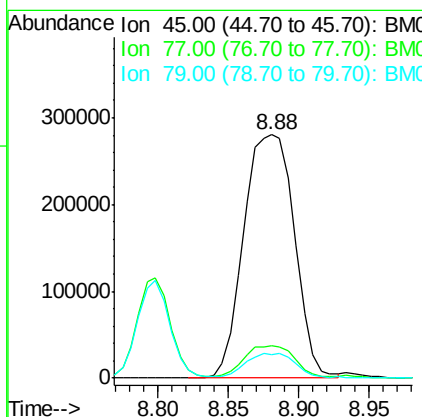
Manual Integrations
APPROVED

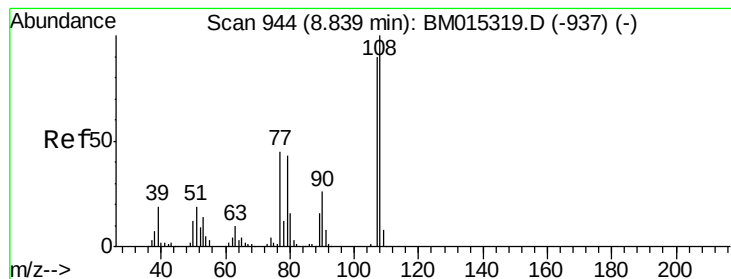
Sohil
6/7/2018 1:05:03 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.220 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.01 min
Lab File: BM015511.D
Acq: 07 Jun 2018 05:18

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.2	0.0	35.2
79	9.8	0.0	32.0





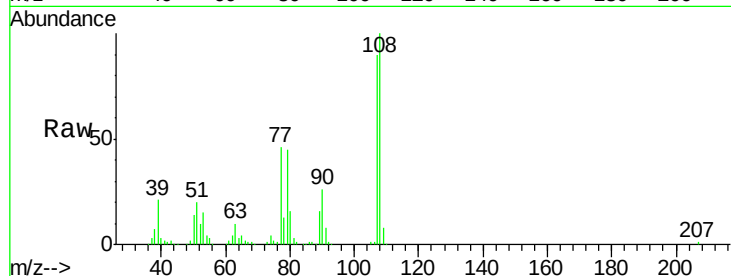
#17
2-Methylphenol
Concen: 38.477 ng
RT: 8.80 min Scan# 937
Delta R.T. -0.01 min
Lab File: BM015511.D
Acq: 07 Jun 2018 05:18

Instrument :
BNA_M
ClientSampleId :
OILY-STONESMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	110.5	89.8	134.8
77	51.1	32.6	48.8
79	49.3	32.8	49.2

Manual Integrations
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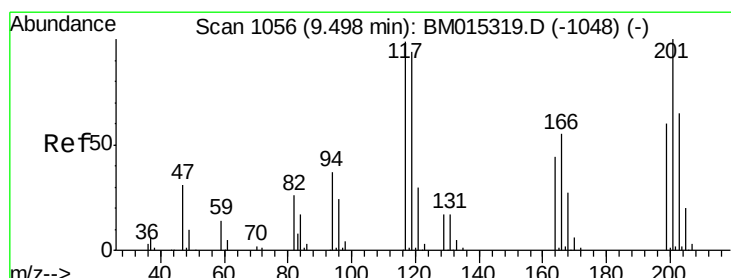
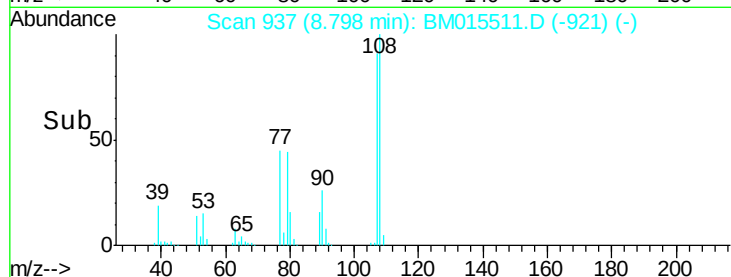
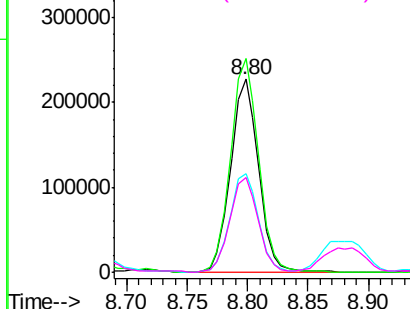
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 44.905 ng
RT: 9.45 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BM015511.D
Acq: 07 Jun 2018 05:18

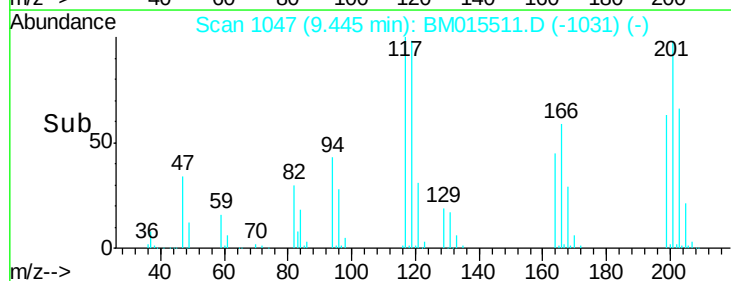
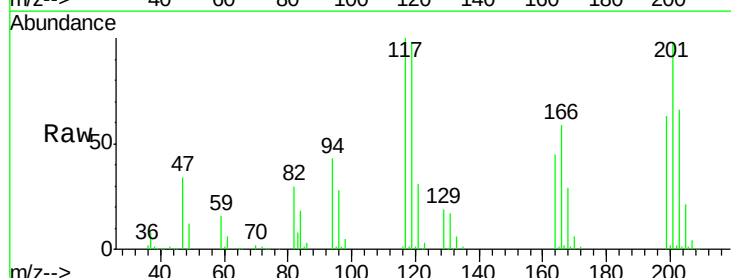
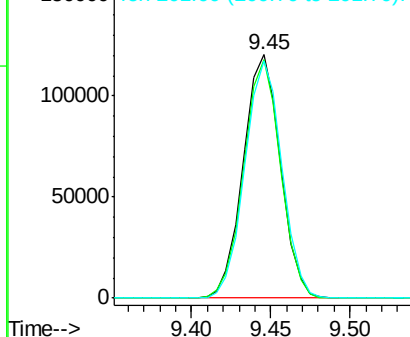
Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	98.1	79.2	118.8
201	97.7	69.8	104.6

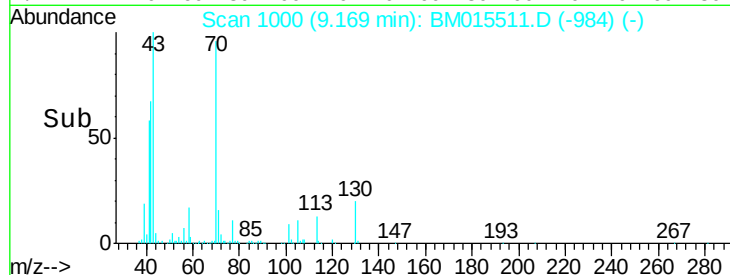
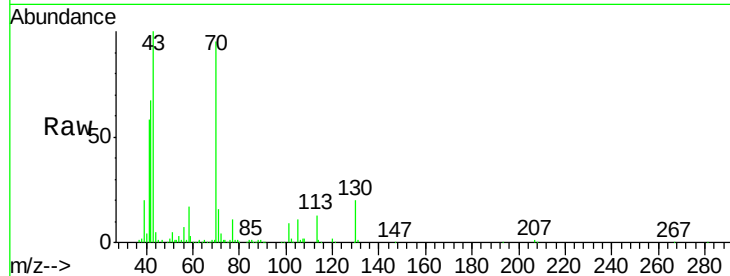
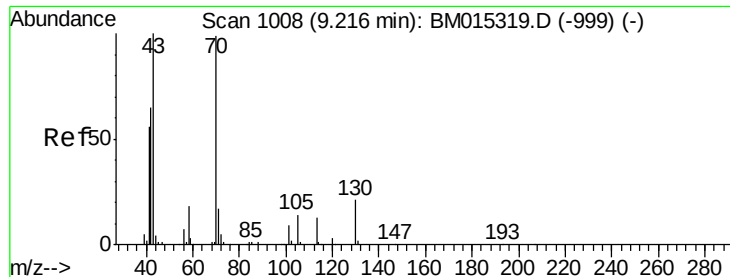
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





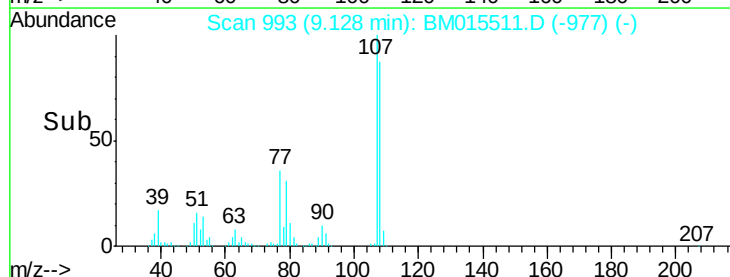
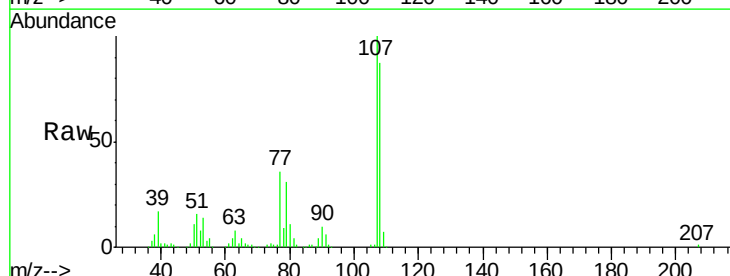
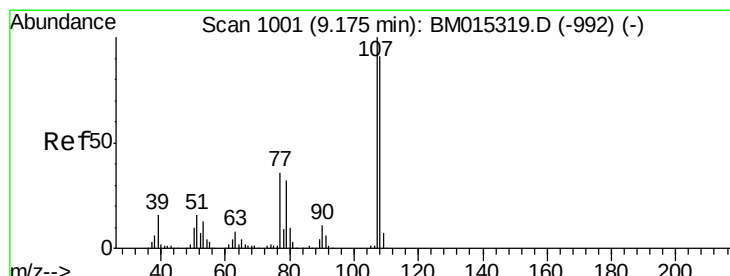
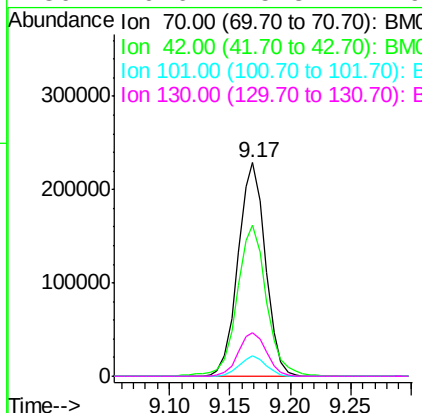
#19
n-Nitroso-di-n-propylamine
Concen: 36.152 ng
RT: 9.17 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BM015511.D
Acq: 07 Jun 2018 05:18

Tot Ion	Ratio	Lower	Upper
70	100		
42	70.5	44.5	66.7#
101	9.6	7.4	11.2
130	20.6	15.3	22.9

Instrument :
BNA_M
ClientSampleId :
OILY-STONESMSD

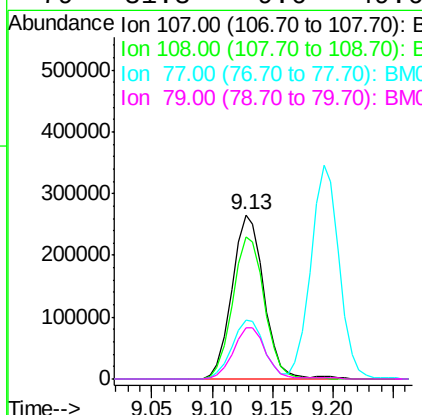
Manual Integrations
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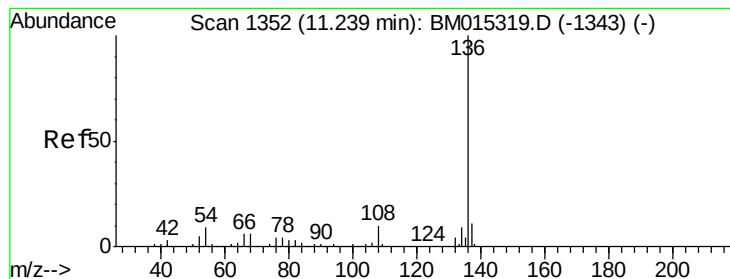
Sohil
6/7/2018 1:05:03 PM



#20
3+4-Methylphenols
Concen: 37.232 ng
RT: 9.13 min Scan# 993
Delta R.T. -0.01 min
Lab File: BM015511.D
Acq: 07 Jun 2018 05:18

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.8	73.2	113.2
77	35.9	10.7	50.7
79	31.3	9.6	49.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.19 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BM015511.D

Acq: 07 Jun 2018 05:18

Instrument :

BNA_M

ClientSampleId :

OILY-STONESMSD

Tot Ion:136 Resp: 567238

Ion Ratio Lower Upper

136 100

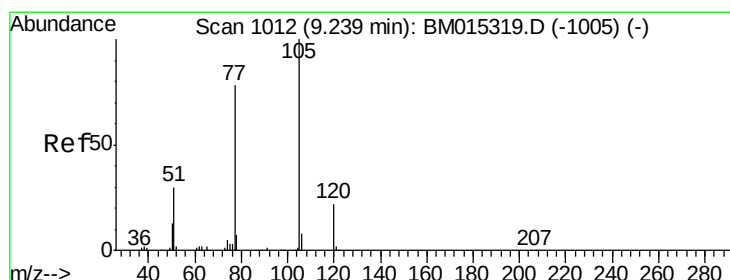
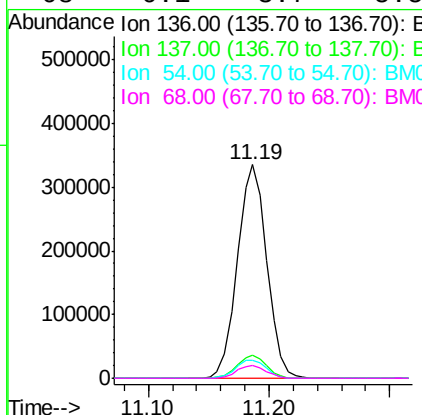
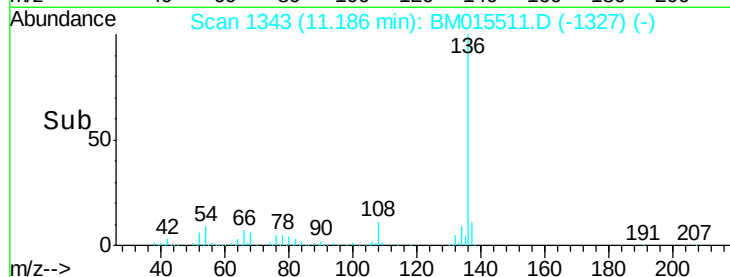
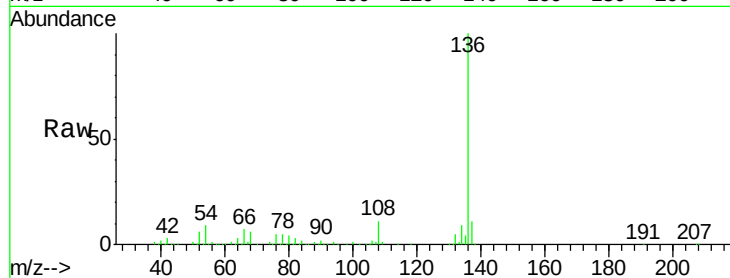
137 11.0 8.7 13.1

54 8.6 4.6 6.8#

68 6.1 3.7 5.5#

Manual Integrations
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6/7/2018 1:05:03 PM



#22

Acetophenone

Concen: 48.609 ng

RT: 9.19 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BM015511.D

Acq: 07 Jun 2018 05:18

Tgt Ion:105 Resp: 678253

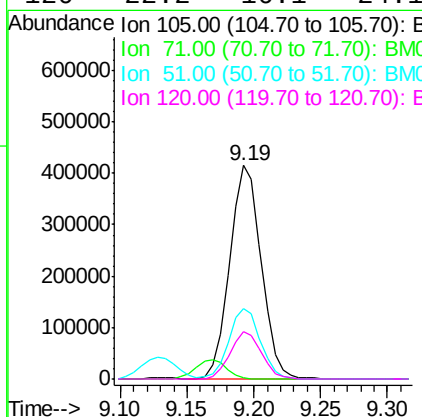
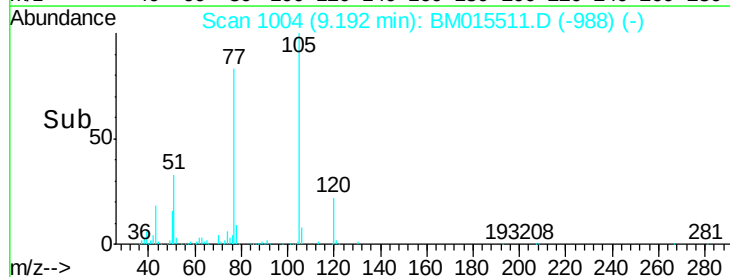
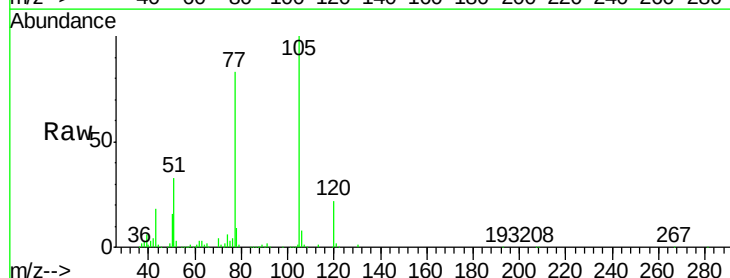
Ion Ratio Lower Upper

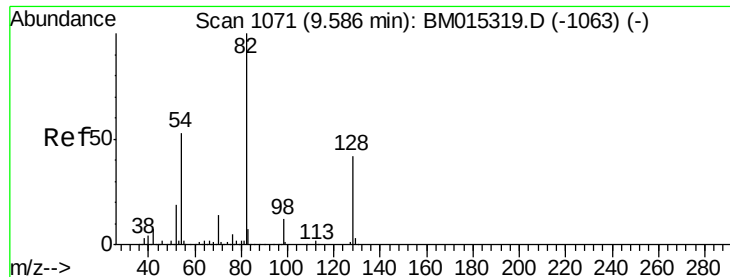
105 100

71 0.6 0.6 1.0#

51 33.0 21.6 32.4#

120 22.2 16.1 24.1





#23

Nitrobenzene-d5

Concen: 108.582 ng

RT: 9.54 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BM015511.D

Acq: 07 Jun 2018 05:18

Instrument :

BNA_M

ClientSampleId :

OILY-STONESMSD

Tot Ion: 82 Resp: 1132346

Ion Ratio Lower Upper

82 100

128 40.4 32.8 49.2

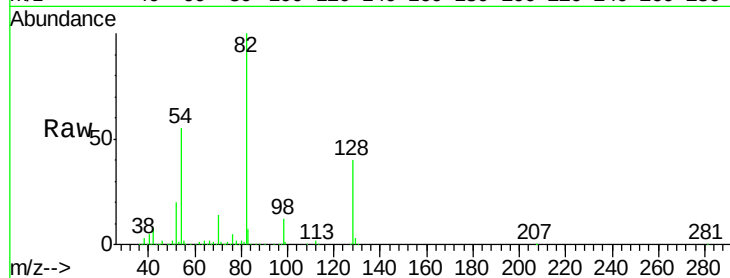
54 54.8 40.6 60.8

Manual Integrations

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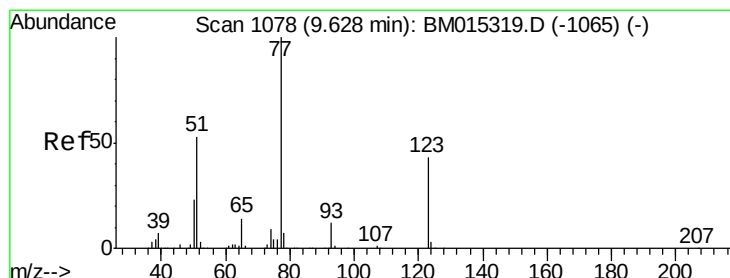
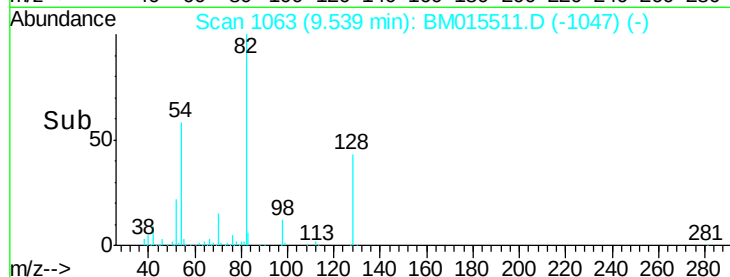
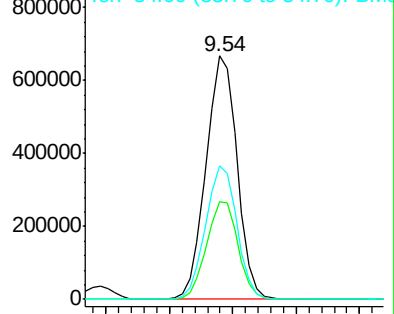
6/7/2018 1:05:03 PM



Abundance Ion 82.00 (81.70 to 82.70): BM015511.D (-1047) (-)

Ion 128.00 (127.70 to 128.70): BM015511.D (-1047) (-)

Ion 54.00 (53.70 to 54.70): BM015511.D (-1047) (-)



#24

Nitrobenzene

Concen: 50.139 ng

RT: 9.59 min Scan# 1071

Delta R.T. 0.00 min

Lab File: BM015511.D

Acq: 07 Jun 2018 05:18

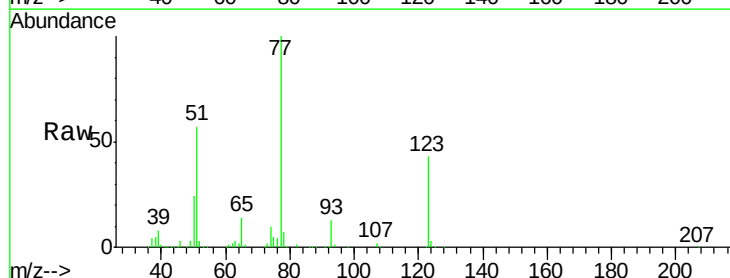
Tgt Ion: 77 Resp: 548152

Ion Ratio Lower Upper

77 100

123 42.9 32.6 49.0

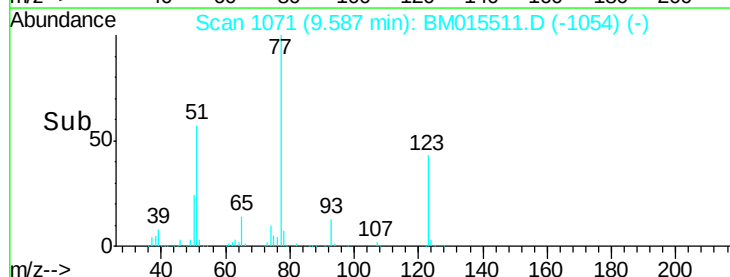
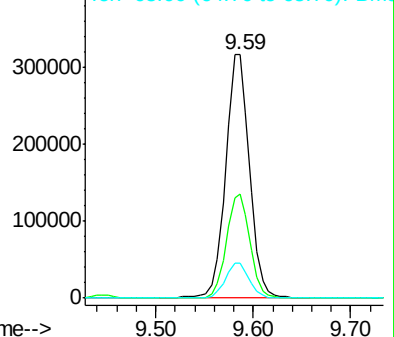
65 14.3 10.9 16.3

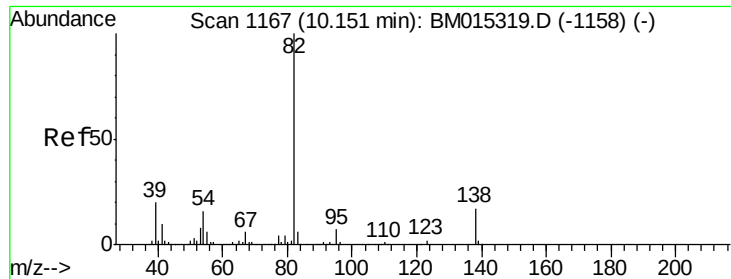


Abundance Ion 77.00 (76.70 to 77.70): BM015511.D (-1054) (-)

Ion 123.00 (122.70 to 123.70): BM015511.D (-1054) (-)

Ion 65.00 (64.70 to 65.70): BM015511.D (-1054) (-)





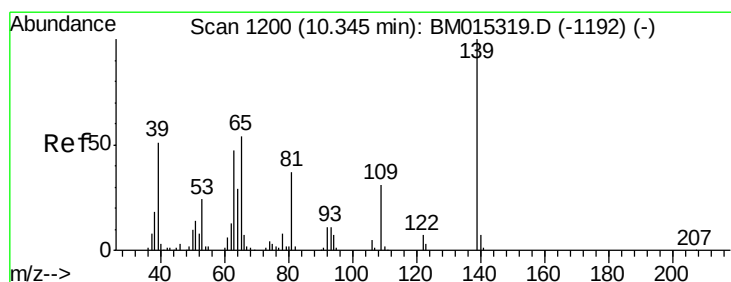
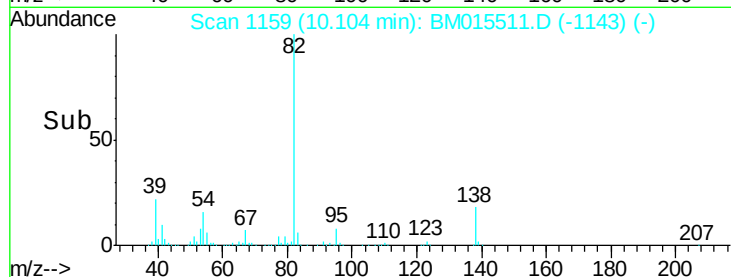
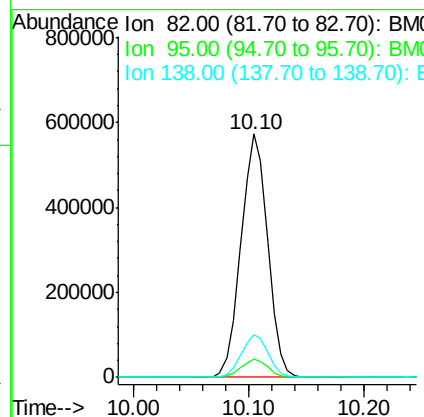
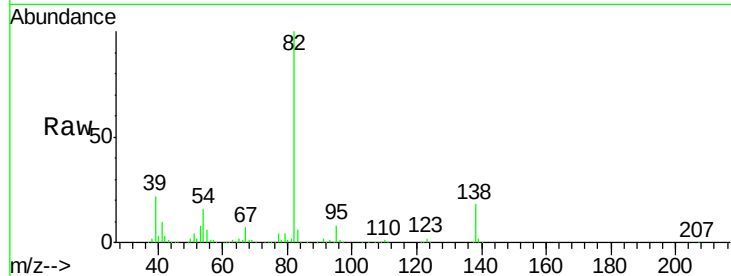
#25
Isophorone
Concen: 43.520 ng
RT: 10.10 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BM015511.D
Acq: 07 Jun 2018 05:18

Instrument :
BNA_M
ClientSampleId :
OILY-STONESMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	914405		
95	7.6		5.8	8.6
138	17.8		16.3	24.5

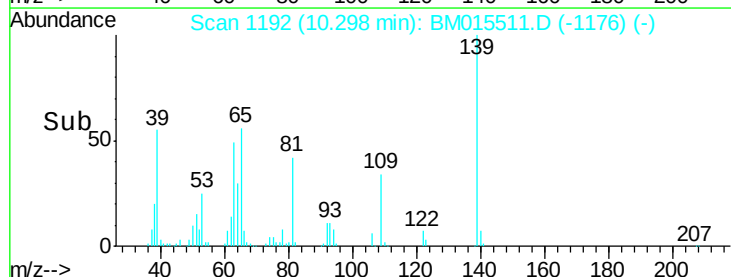
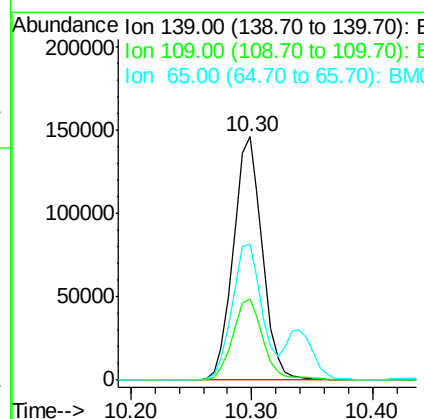
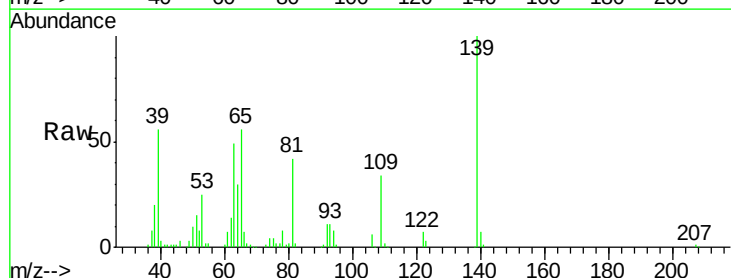
Manual Integrations
APPROVED

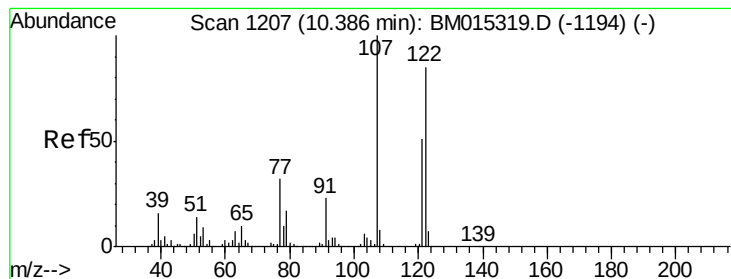
Sohil
6/7/2018 1:05:03 PM



#26
2-Nitrophenol
Concen: 49.482 ng
RT: 10.30 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BM015511.D
Acq: 07 Jun 2018 05:18

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	243952		
109	33.5		20.1	30.1#
65	55.9		31.5	47.3#





#27

2,4-Dimethylphenol

Concen: 46.082 ng

RT: 10.34 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BM015511.D

Acq: 07 Jun 2018 05:18

Instrument :

BNA_M

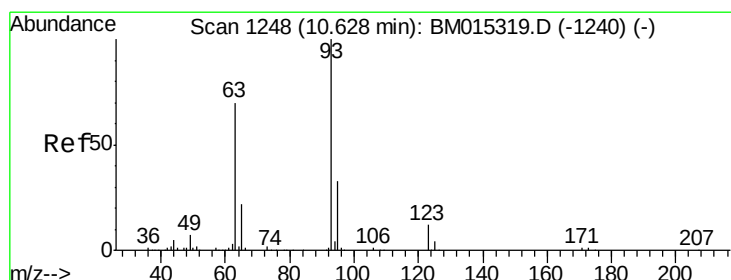
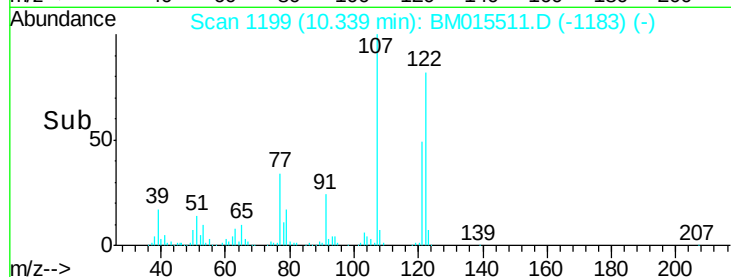
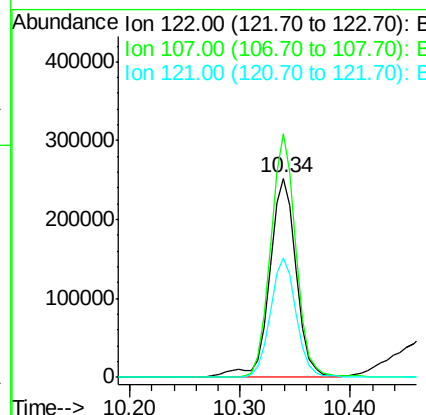
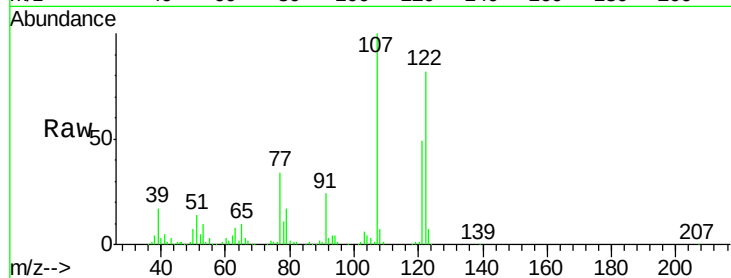
ClientSampleId :

OILY-STONESMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	122.4	84.7	127.1
121	60.2	46.6	69.8

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 45.180 ng

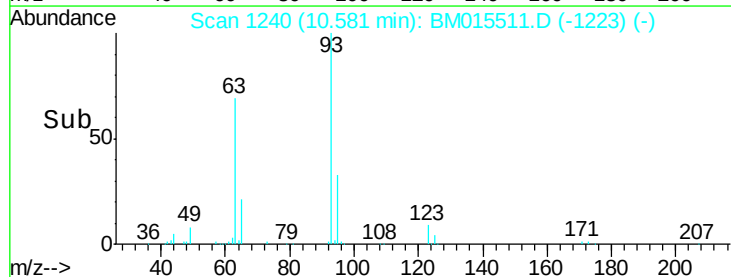
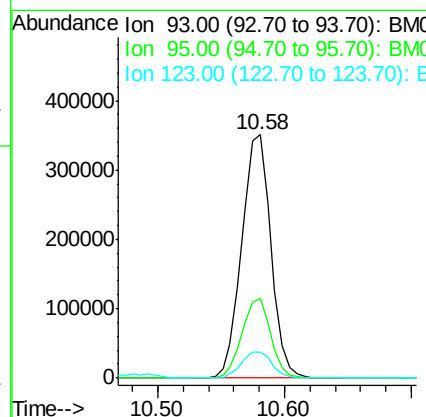
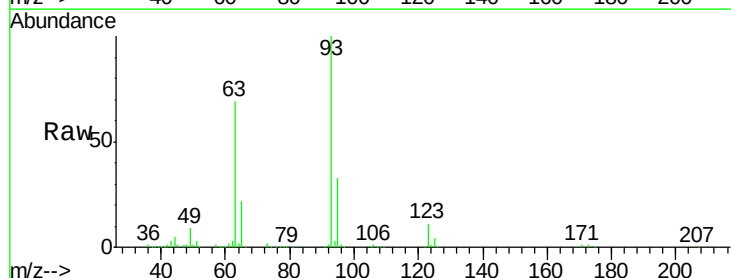
RT: 10.58 min Scan# 1240

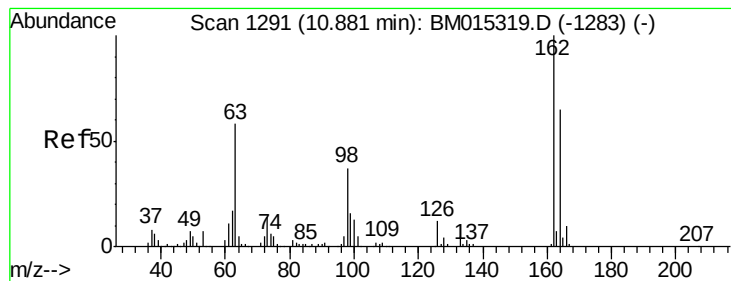
Delta R.T. 0.00 min

Lab File: BM015511.D

Acq: 07 Jun 2018 05:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.5	38.3
123	10.9	8.6	13.0





#29

2,4-Dichlorophenol

Concen: 47.431 ng

RT: 10.83 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BM015511.D

Acq: 07 Jun 2018 05:18

Instrument :

BNA_M

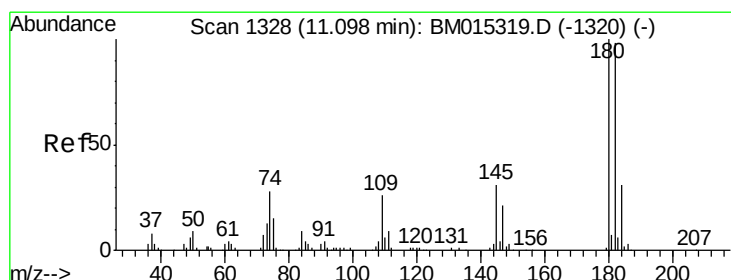
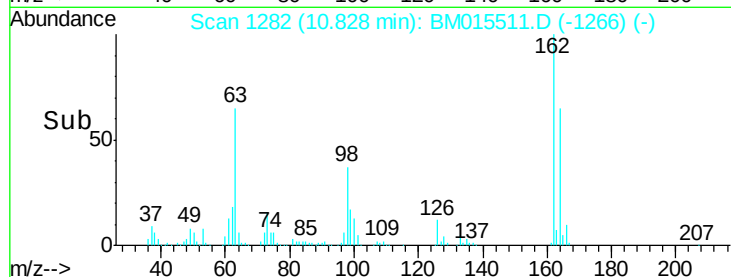
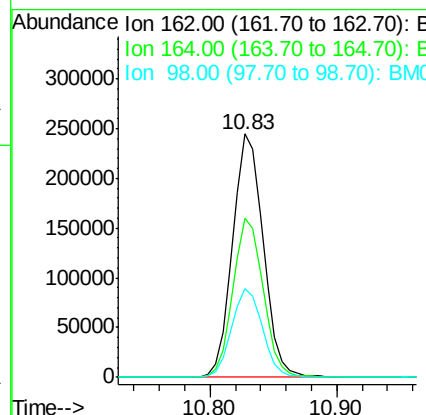
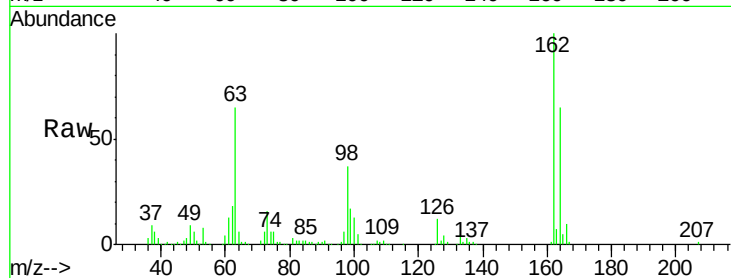
ClientSampleId :

OILY-STONESMSD

Tot Ion:	162	Resp:	408949
Ion Ratio	Lower	Upper	
162	100		
164	65.1	42.8	82.8
98	36.7	14.5	54.5

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 49.198 ng

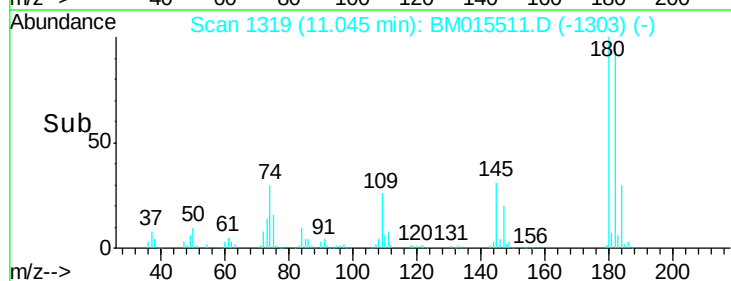
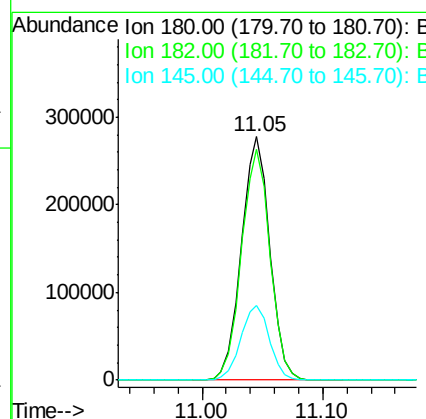
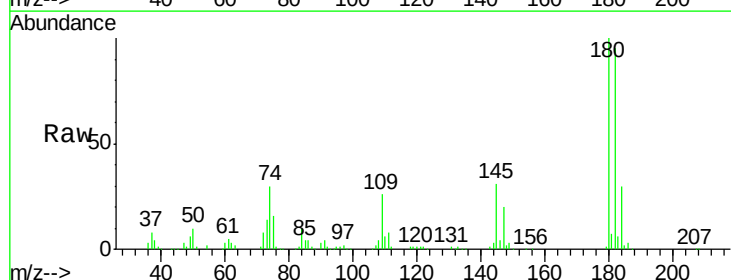
RT: 11.05 min Scan# 1319

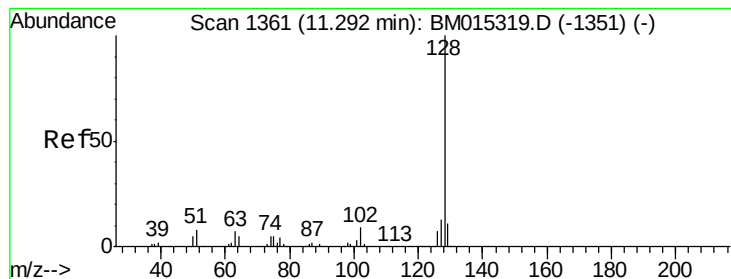
Delta R.T. -0.01 min

Lab File: BM015511.D

Acq: 07 Jun 2018 05:18

Tgt Ion:	180	Resp:	455584
Ion Ratio	Lower	Upper	
180	100		
182	94.8	77.6	116.4
145	30.8	23.4	35.2





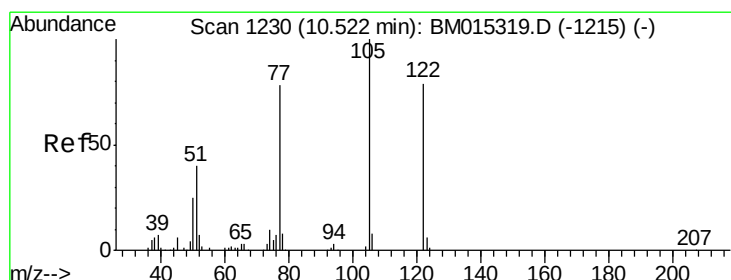
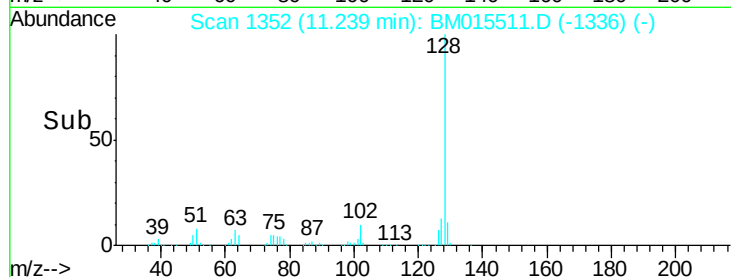
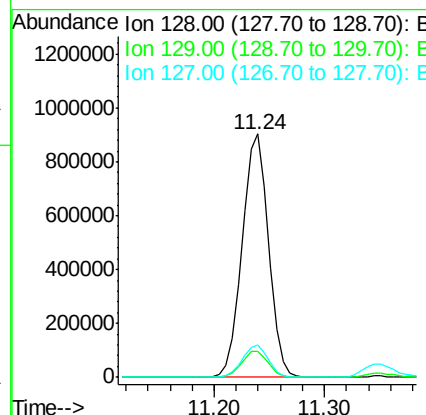
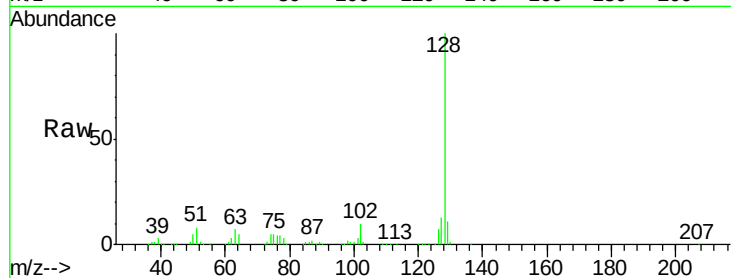
#31
Naphthalene
Concen: 51.616 ng
RT: 11.24 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BM015511.D
Acq: 07 Jun 2018 05:18

Instrument :
BNA_M
ClientSampleId :
OILY-STONESMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	13.2	10.4	15.6

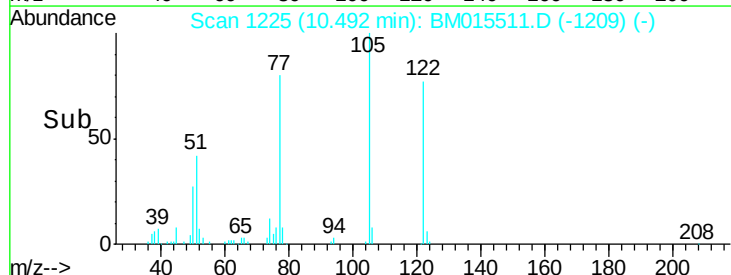
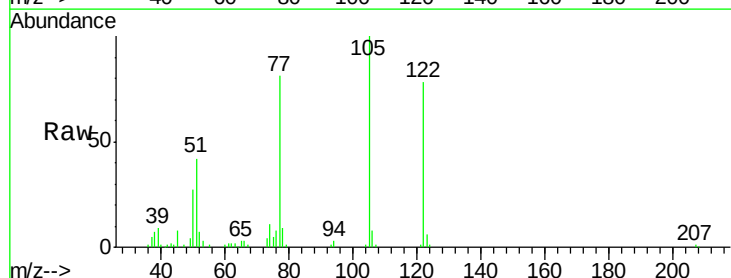
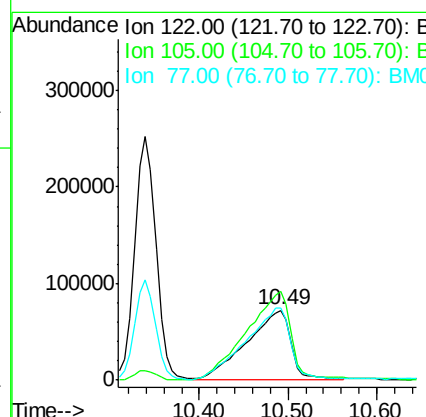
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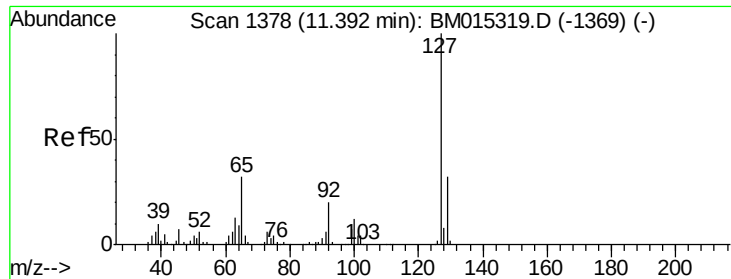
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#32
Benzoic acid
Concen: 37.752 ng m
RT: 10.49 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BM015511.D
Acq: 07 Jun 2018 05:18

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.6	99.9	139.9
77	103.3	73.7	113.7





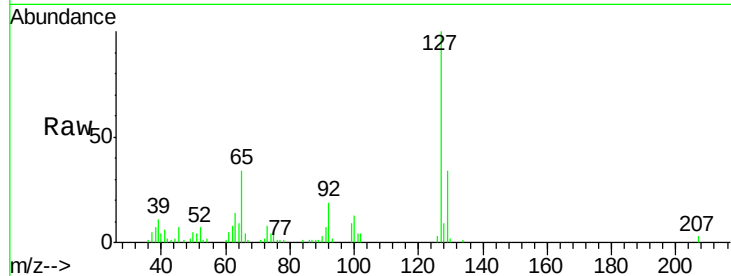
#33
4-Chloroaniline
Concen: 8.032 ng
RT: 11.35 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BM015511.D
Acq: 07 Jun 2018 05:18

Instrument :
BNA_M
ClientSampleId :
OILY-STONESMSD

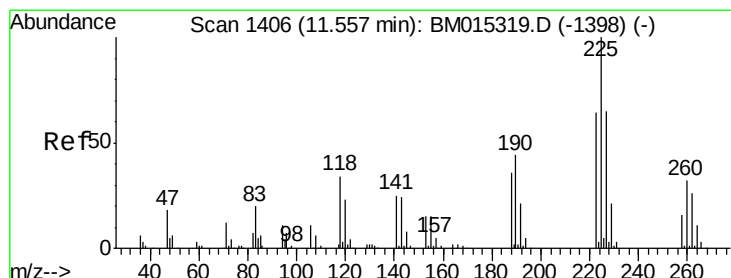
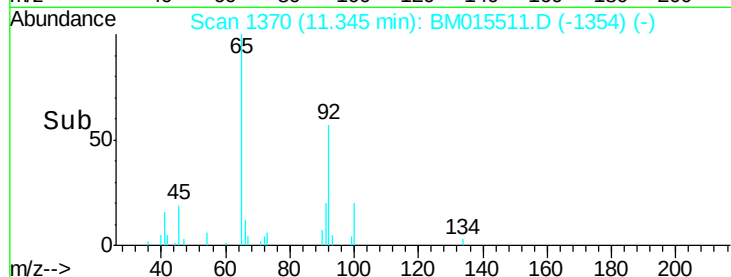
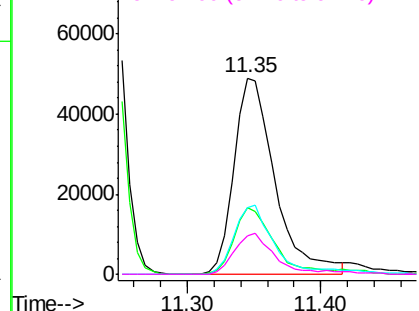
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.2	25.3	37.9		
65	34.2	17.6	26.4		
92	19.4	13.1	19.7		

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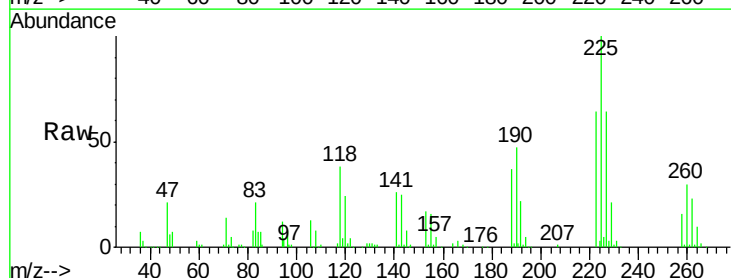


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

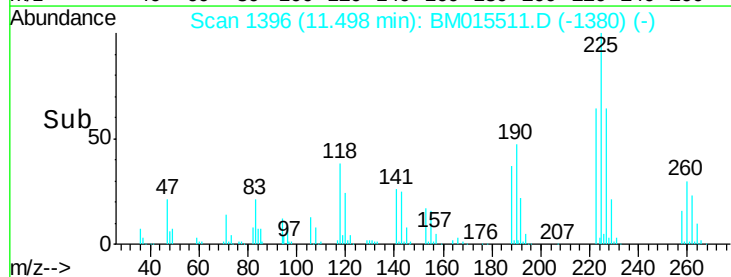
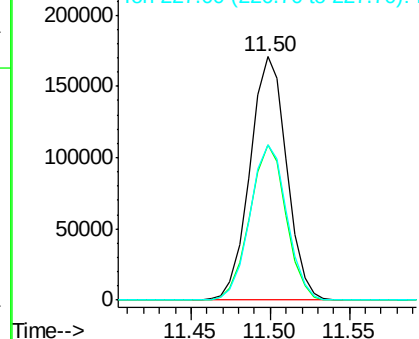


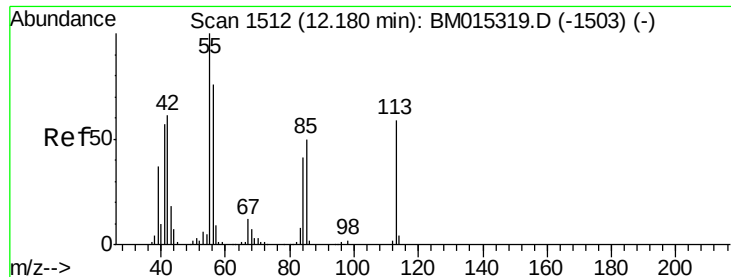
#34
Hexachlorobutadiene
Concen: 51.047 ng
RT: 11.50 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BM015511.D
Acq: 07 Jun 2018 05:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.7	47.9	71.9		
227	63.9	50.1	75.1		



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





#35

Caprolactam

Concen: 28.416 ng

RT: 12.13 min Scan# 1504

Delta R.T. -0.02 min

Lab File: BM015511.D

Acq: 07 Jun 2018 05:18

Instrument :

BNA_M

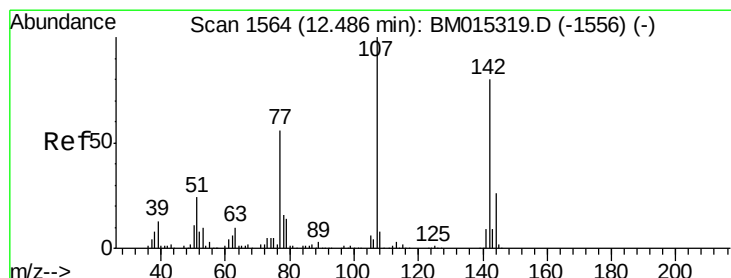
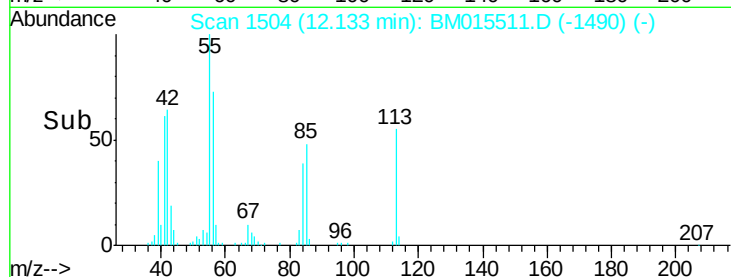
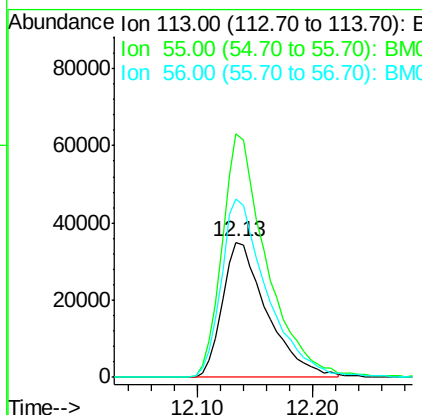
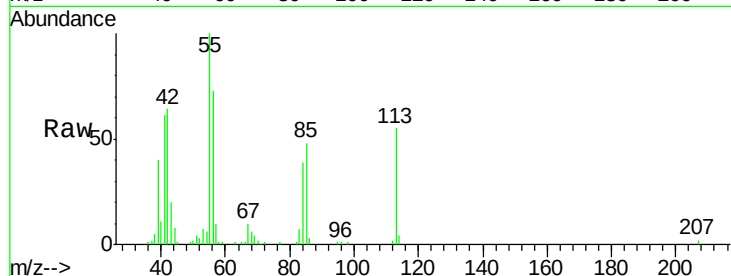
ClientSampleId :

OILY-STONESMSD

Tot Ion:	113	Resp:	93935
Ion	Ratio	Lower	Upper
113	100		
55	180.4	145.9	185.9
56	132.4	101.0	141.0

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 41.460 ng

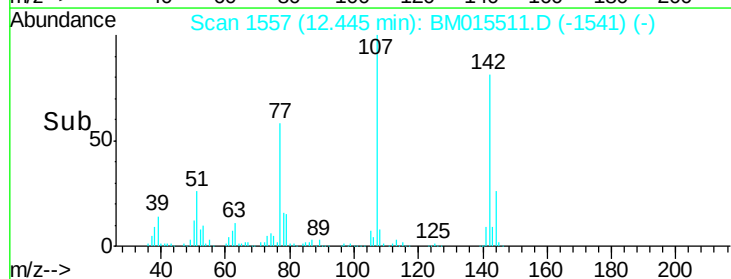
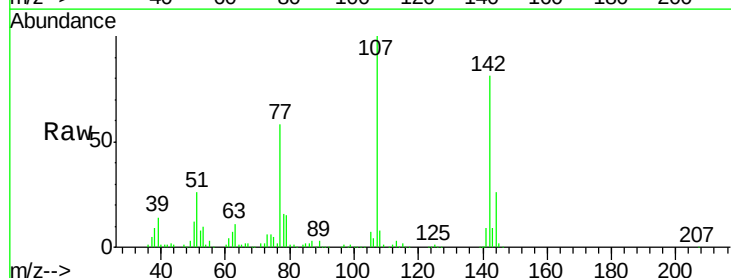
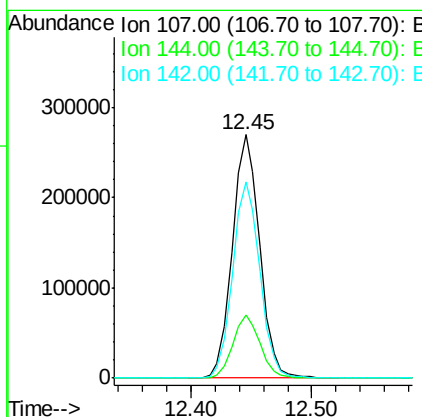
RT: 12.45 min Scan# 1557

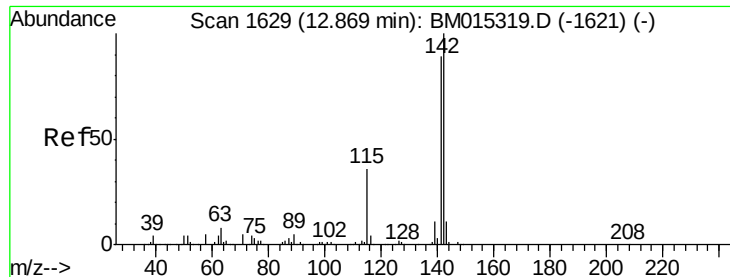
Delta R.T. -0.01 min

Lab File: BM015511.D

Acq: 07 Jun 2018 05:18

Tgt Ion:	107	Resp:	424967
Ion	Ratio	Lower	Upper
107	100		
144	25.9	23.3	34.9
142	80.8	72.6	109.0





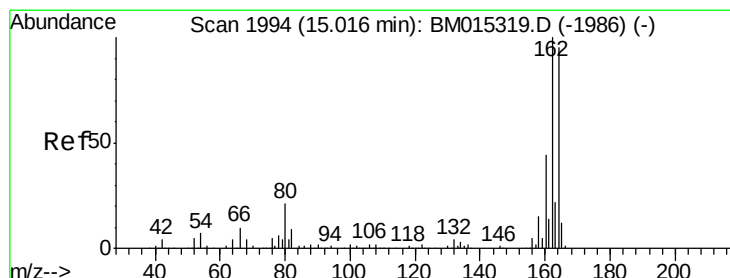
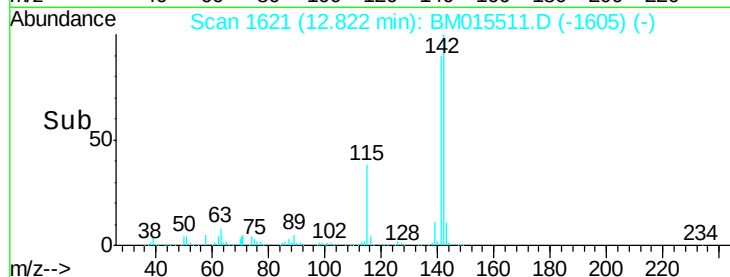
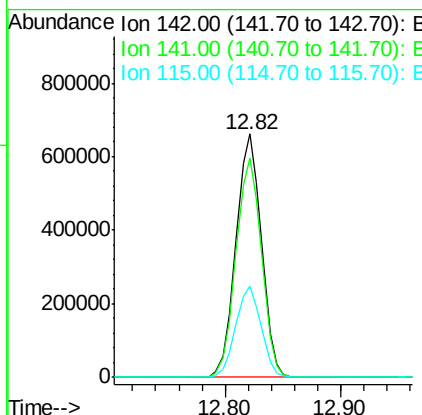
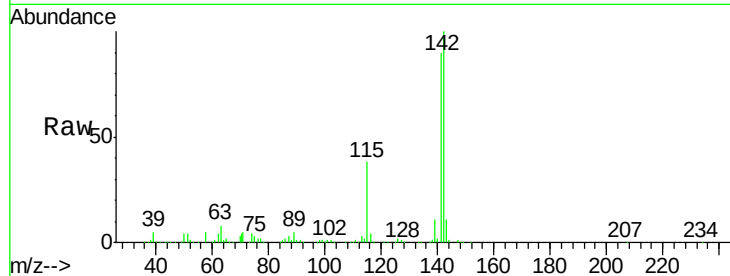
#37
2-Methylnaphthalene
Concen: 45.767 ng
RT: 12.82 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BM015511.D
Acq: 07 Jun 2018 05:18

Instrument :
BNA_M
ClientSampleId :
OILY-STONESMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.9	107.9
115	37.5	25.4	38.0

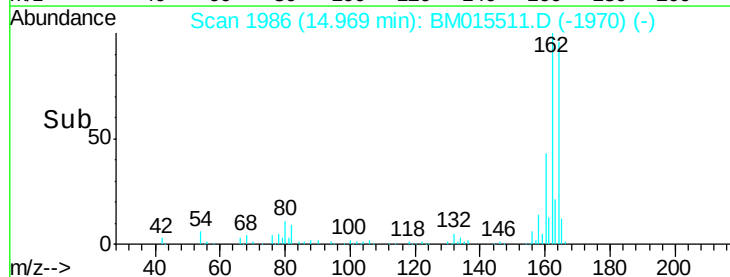
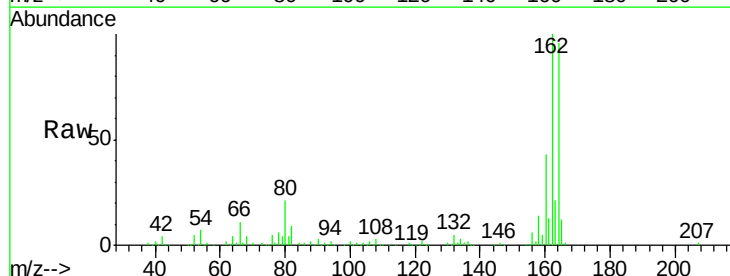
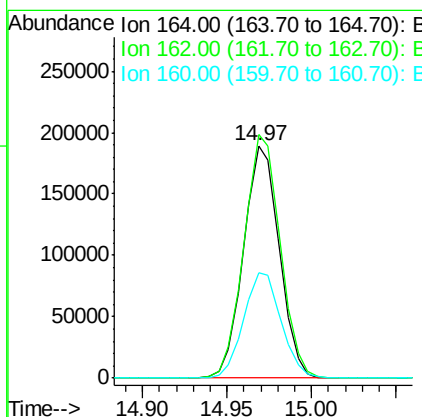
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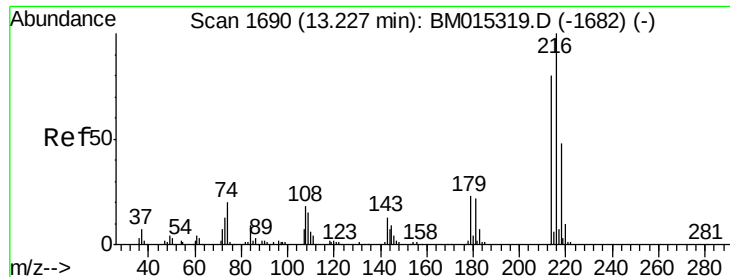
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.97 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BM015511.D
Acq: 07 Jun 2018 05:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.4	123.6
160	45.4	35.8	53.6





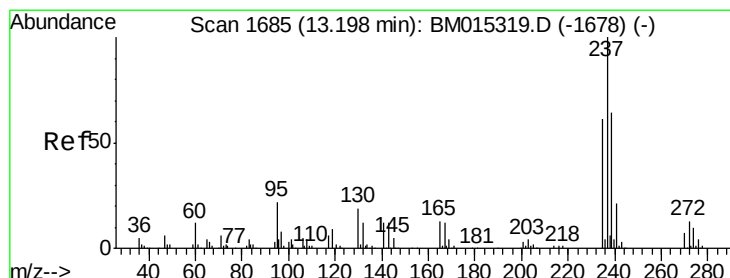
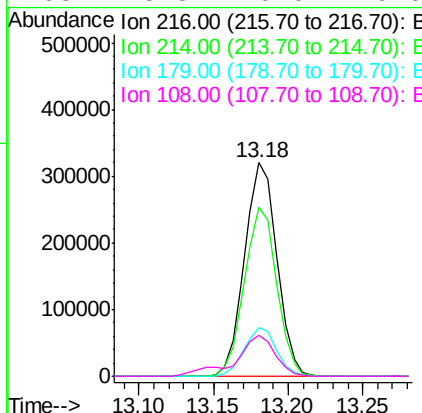
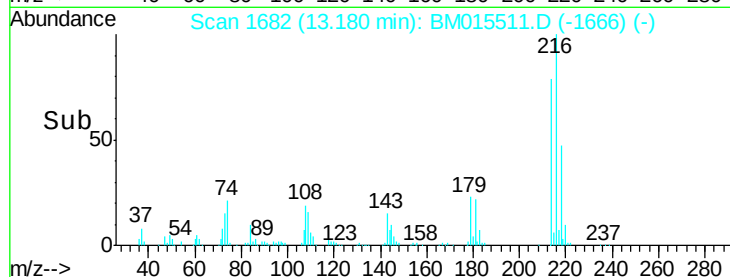
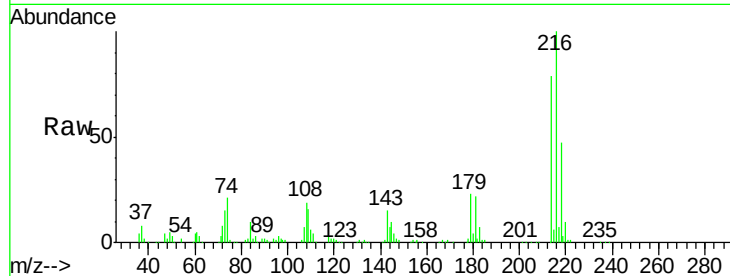
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 55.679 ng
 RT: 13.18 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BM015511.D
 Acq: 07 Jun 2018 05:18

Instrument :
 BNA_M
 ClientSampleId :
 OILY-STONESMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		479189		
214	79.1	0.0	0.0#		
179	22.6	0.0	0.0#		
108	23.3	0.0	0.0#		

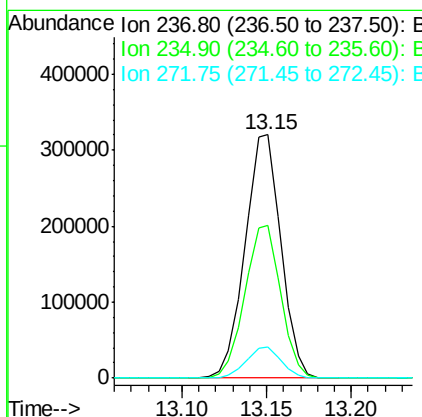
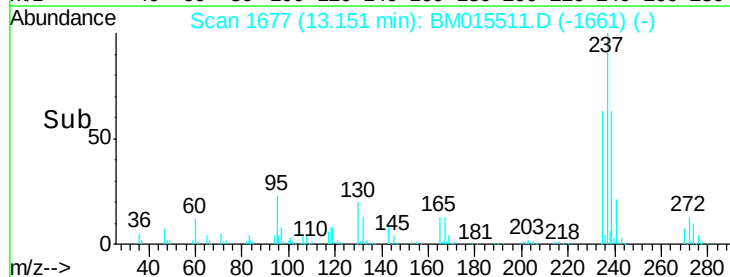
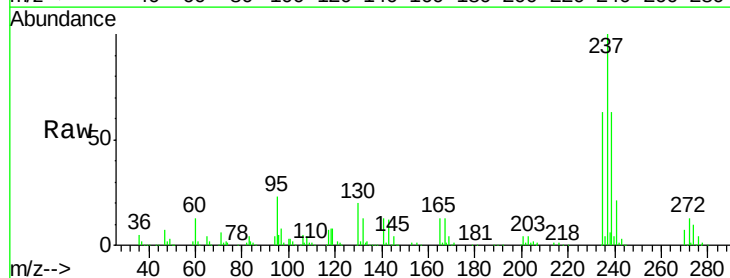
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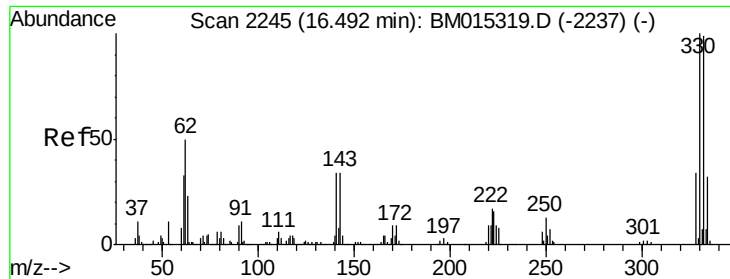
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#40
 Hexachlorocyclopentadiene
 Concen: 94.649 ng
 RT: 13.15 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM015511.D
 Acq: 07 Jun 2018 05:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		475092		
235	62.6	42.0	82.0		
272	12.8	0.0	33.4		





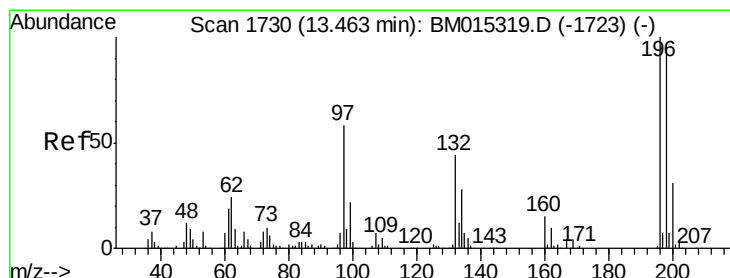
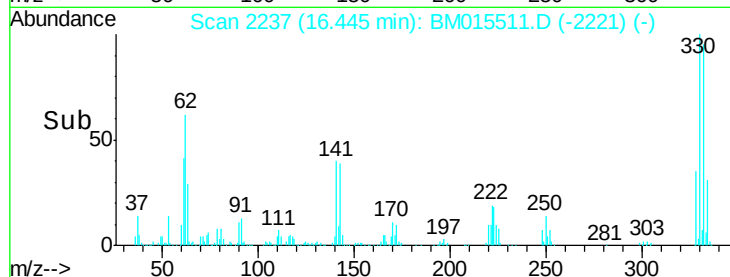
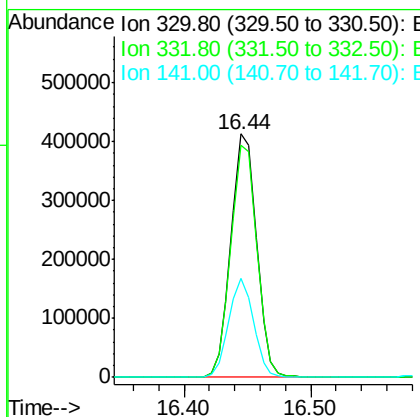
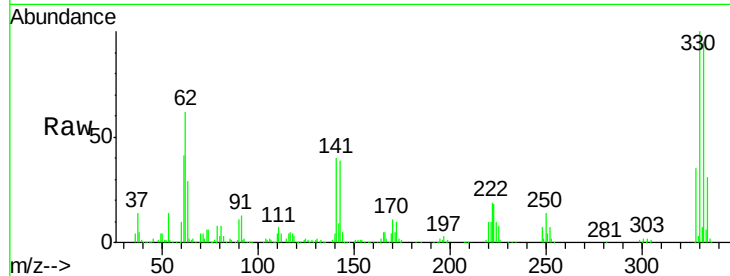
#41
 2,4,6-Tribromophenol
 Concen: 144.905 ng
 RT: 16.44 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BM015511.D
 Acq: 07 Jun 2018 05:18

Instrument :
 BNA_M
 ClientSampleId :
 OILY-STONESMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	581274		
332	96.5	0.0	0.0	0.0
141	39.4	0.0	0.0	0.0

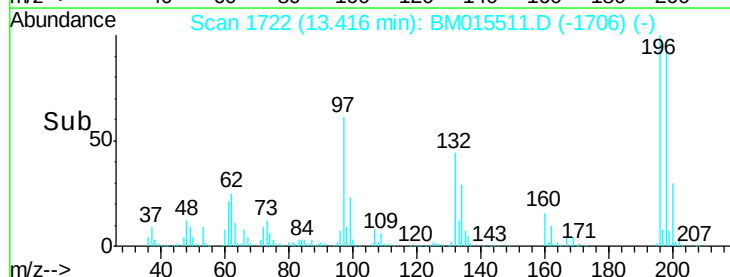
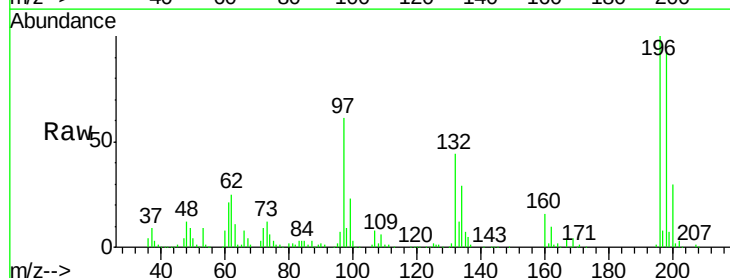
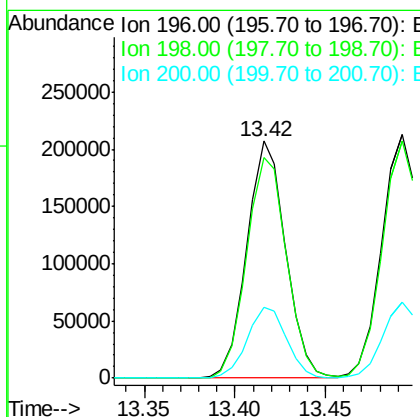
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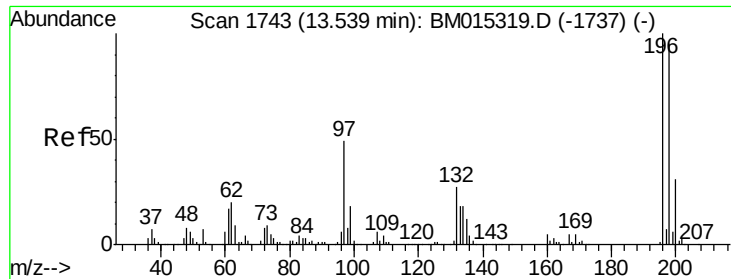
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 52.917 ng
 RT: 13.42 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BM015511.D
 Acq: 07 Jun 2018 05:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	308568		
198	93.1	76.3	114.5	
200	29.9	25.6	38.4	





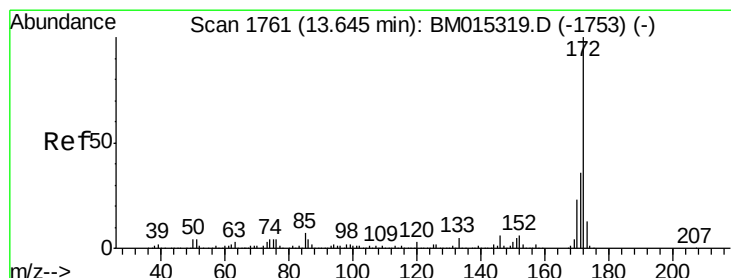
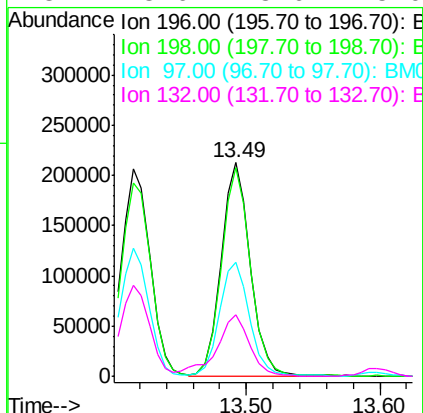
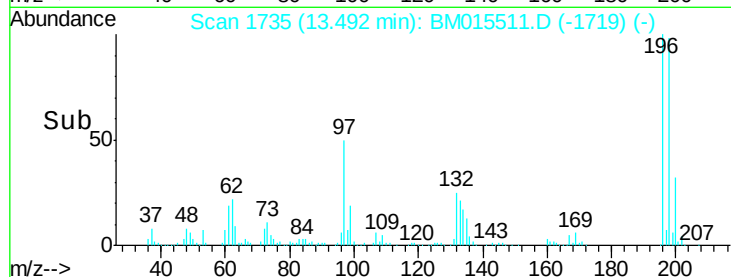
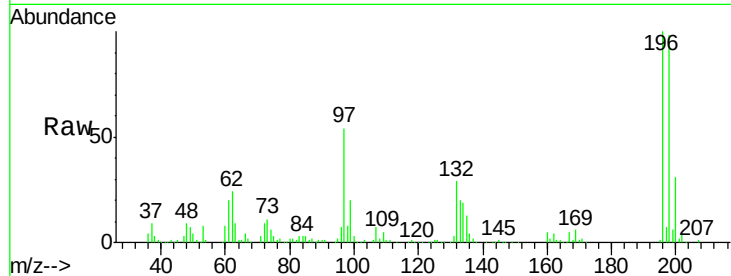
#43
 2,4,5-Trichlorophenol
 Concen: 50.393 ng
 RT: 13.49 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BM015511.D
 Acq: 07 Jun 2018 05:18

Instrument :
 BNA_M
 ClientSampleId :
 OILY-STONESMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	322616		
198	97.7	79.4	119.0	
97	53.6	26.8	40.2	
132	28.6	18.6	28.0	

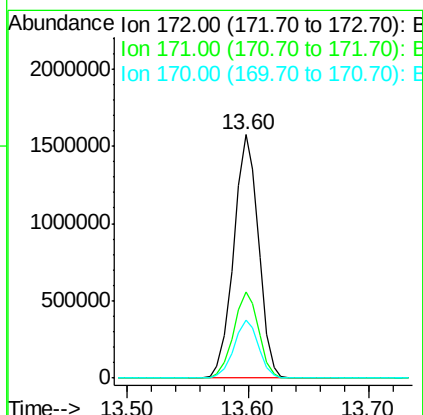
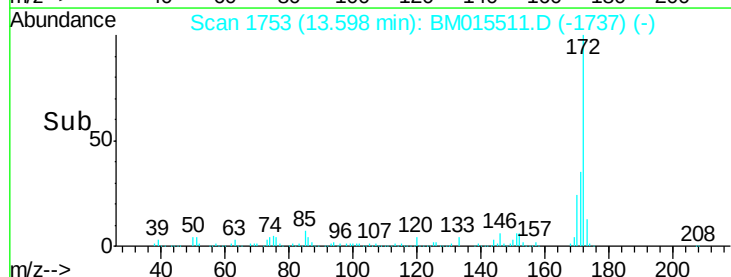
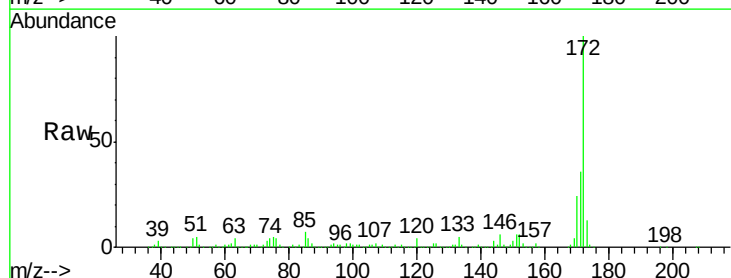
Manual Integrations
 APPROVED

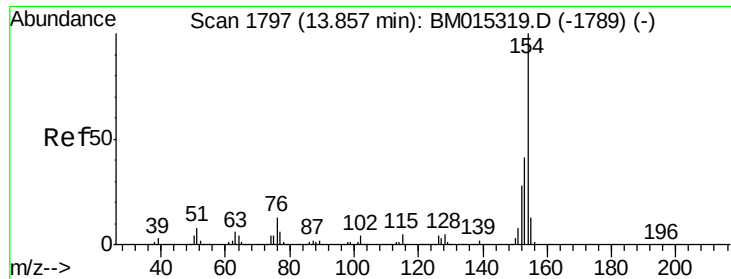
Sohil
 6/7/2018 1:05:03 PM



#44
 2-Fluorobiphenyl
 Concen: 108.276 ng
 RT: 13.60 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BM015511.D
 Acq: 07 Jun 2018 05:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2251041		
171	35.6	28.5	42.7	
170	23.7	18.8	28.2	





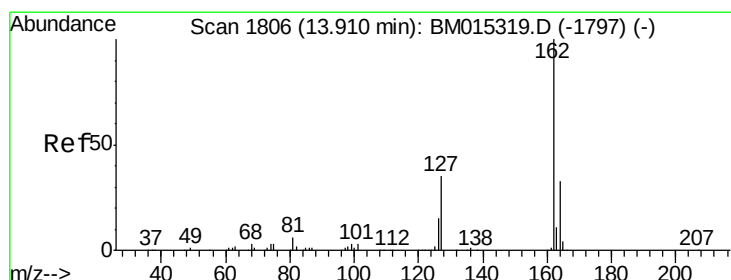
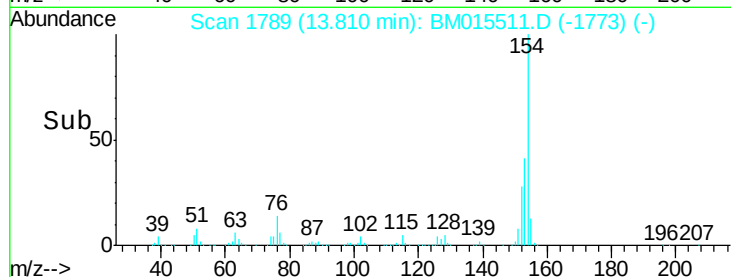
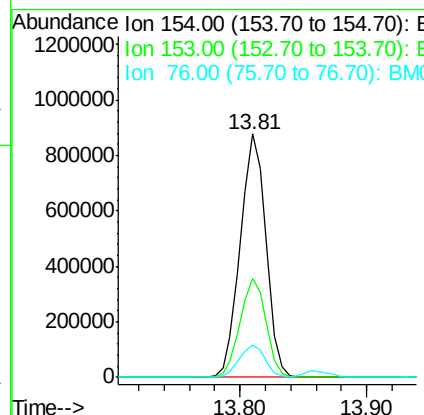
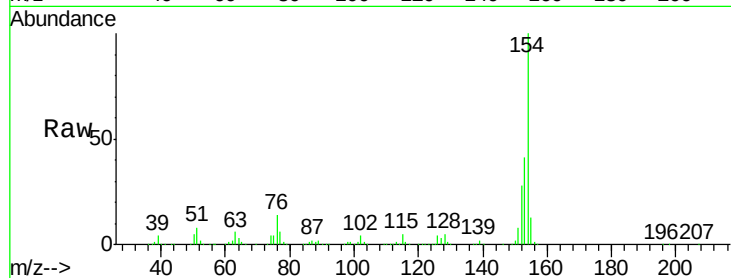
#45
1,1'-Biphenyl
Concen: 53.093 ng
RT: 13.81 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BM015511.D
Acq: 07 Jun 2018 05:18

Instrument :
BNA_M
ClientSampleId :
OILY-STONESMSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.7	60.7
76	13.5	0.0	30.9

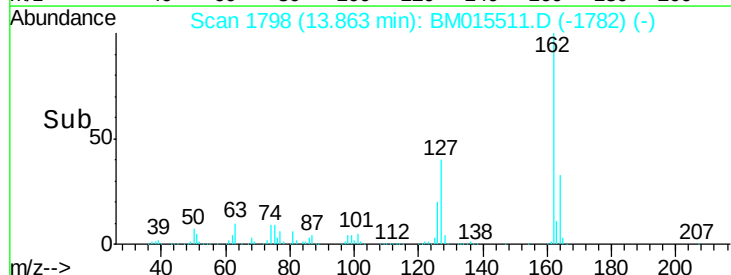
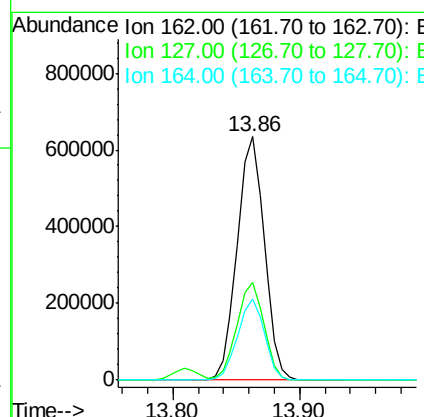
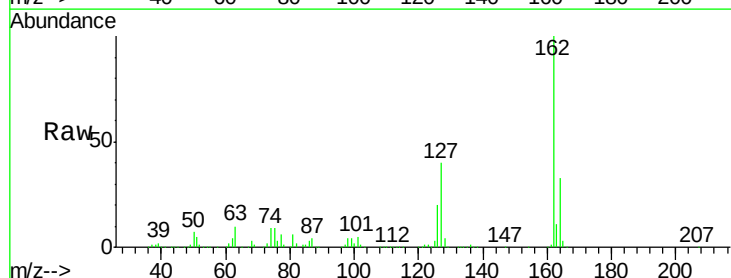
Manual Integrations
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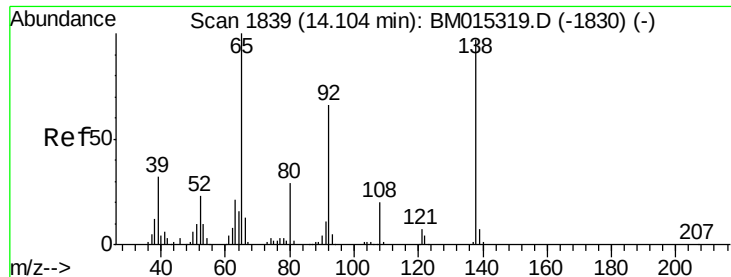
Sohil
6/7/2018 1:05:03 PM



#46
2-Chloronaphthalene
Concen: 53.162 ng
RT: 13.86 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BM015511.D
Acq: 07 Jun 2018 05:18

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.9	26.9	40.3
164	33.2	26.8	40.2





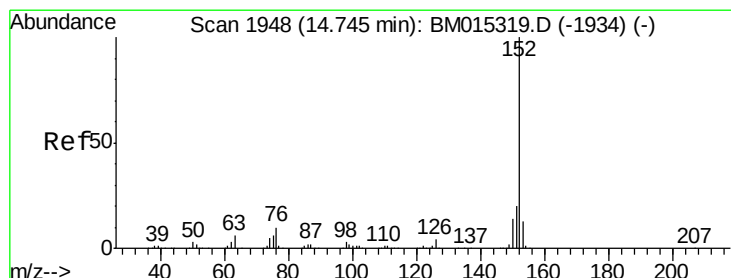
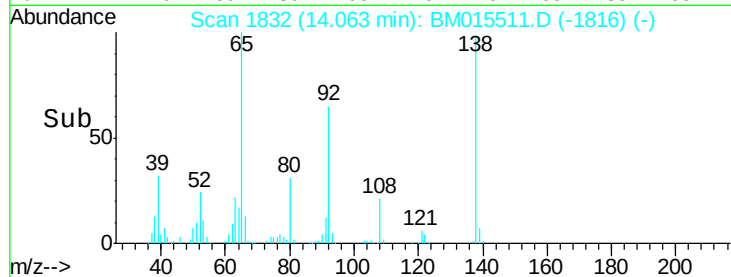
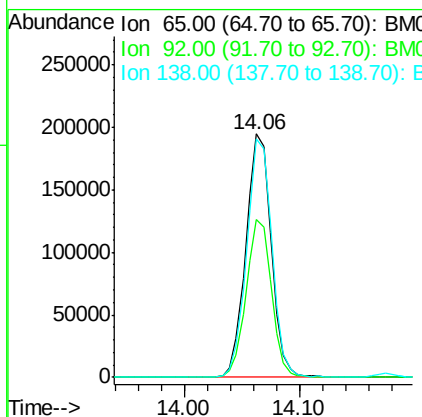
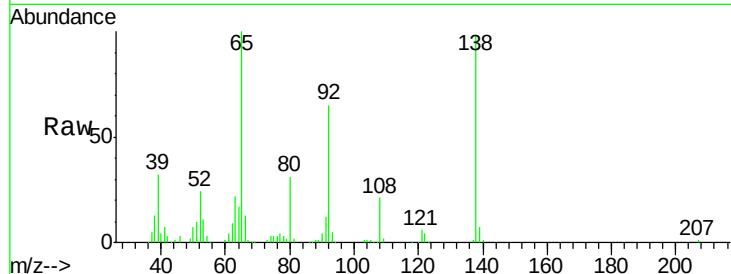
#47
2-Nitroaniline
Concen: 51.068 ng
RT: 14.06 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BM015511.D
Acq: 07 Jun 2018 05:18

Instrument :
BNA_M
ClientSampleId :
OILY-STONESMSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	298541		
92	64.8	59.1	88.7	
138	98.0	93.9	140.9	

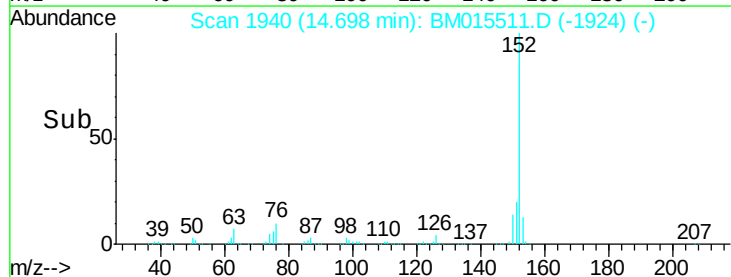
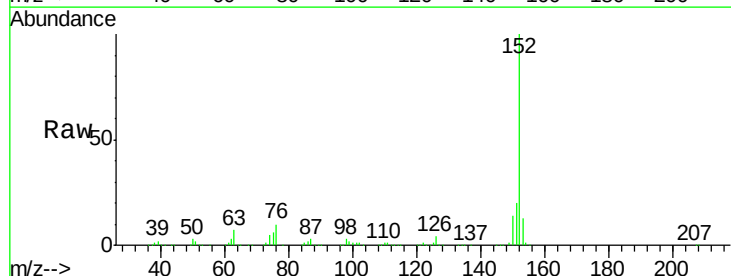
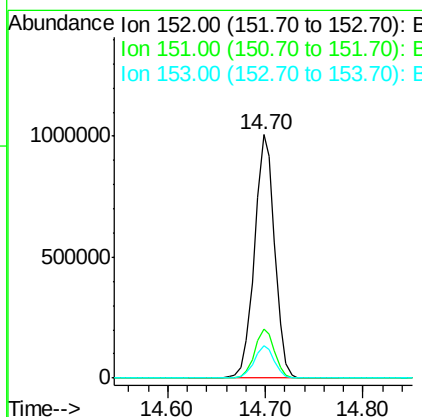
Manual Integrations
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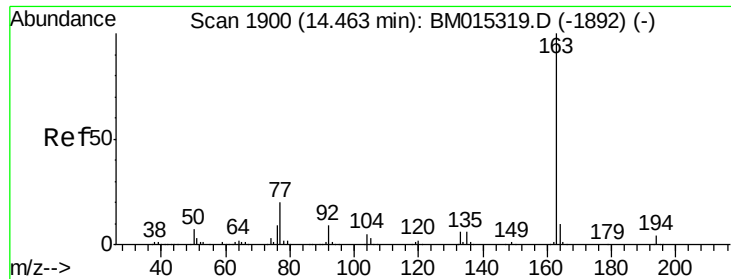
Sohil
6/7/2018 1:05:03 PM



#48
Acenaphthylene
Concen: 51.733 ng
RT: 14.70 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BM015511.D
Acq: 07 Jun 2018 05:18

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1467342		
151	20.1	15.9	23.9	
153	13.2	10.6	16.0	





#49

Dimethylphthalate

Concen: 46.089 ng

RT: 14.42 min Scan# 1892

Delta R.T. -0.01 min

Lab File: BM015511.D

Acq: 07 Jun 2018 05:18

Instrument :

BNA_M

ClientSampleId :

OILY-STONESMSD

Tot Ion:163 Resp: 1104638

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

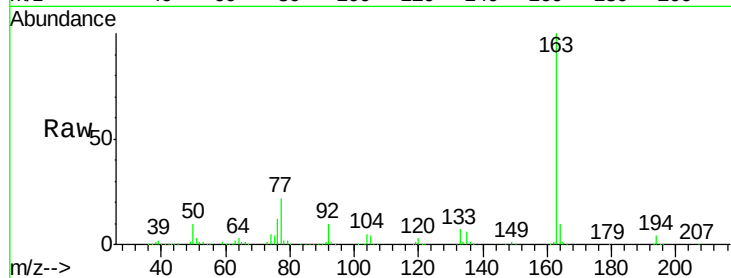
164 10.2 8.2 12.2

Manual Integrations

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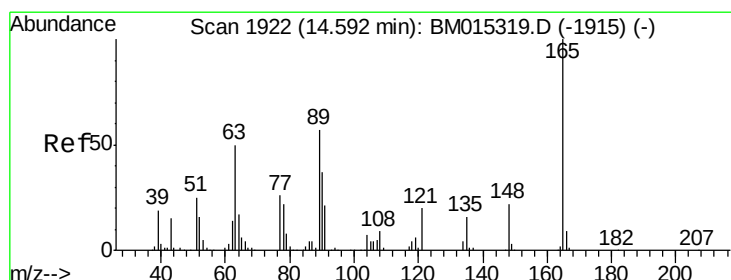
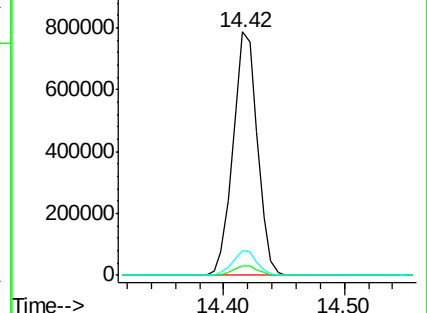
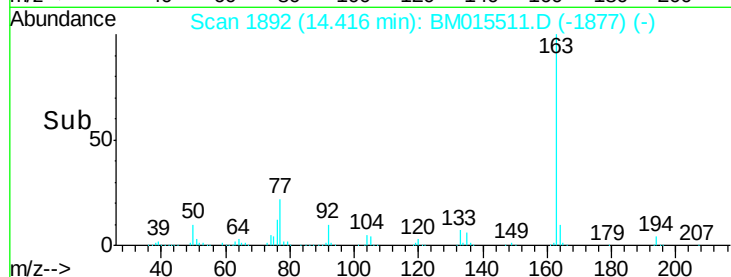
6/7/2018 1:05:03 PM



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.039 ng

RT: 14.55 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BM015511.D

Acq: 07 Jun 2018 05:18

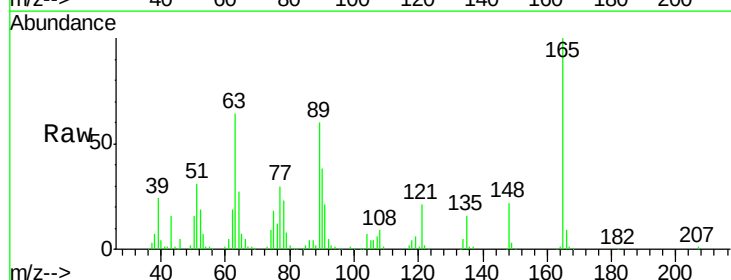
Tgt Ion:165 Resp: 239706

Ion Ratio Lower Upper

165 100

63 63.8 44.1 66.1

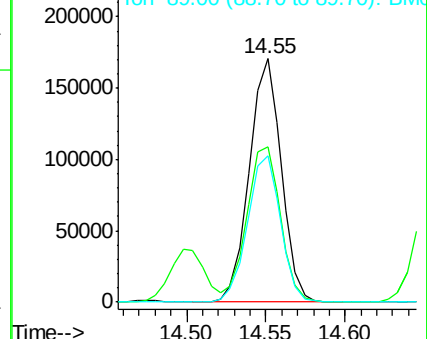
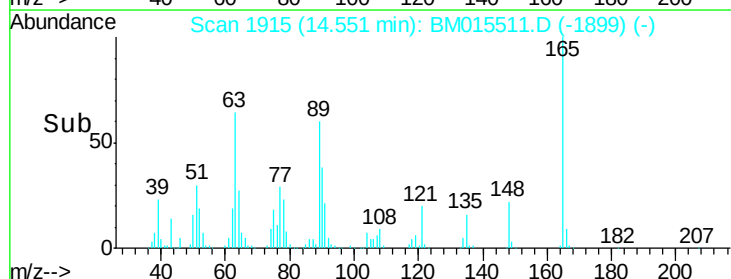
89 60.1 44.3 66.5

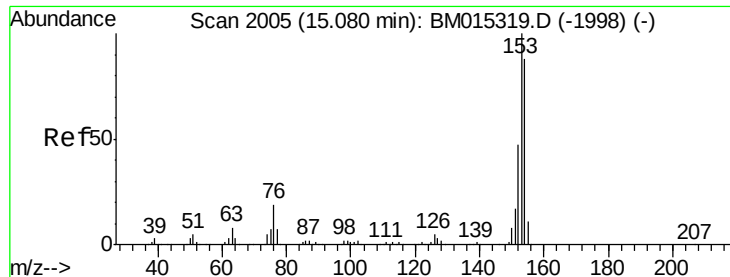


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM





#51

Acenaphthene

Concen: 49.308 ng

RT: 15.03 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BM015511.D

Acq: 07 Jun 2018 05:18

Instrument :

BNA_M

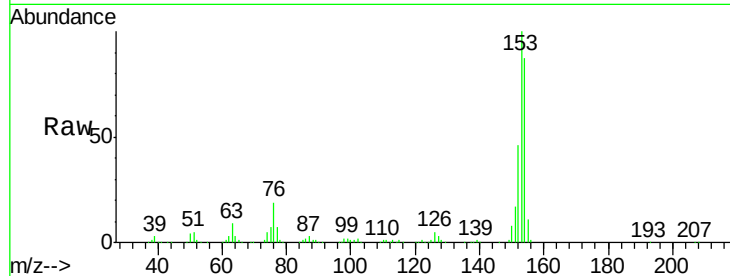
ClientSampleId :

OILY-STONESMSD

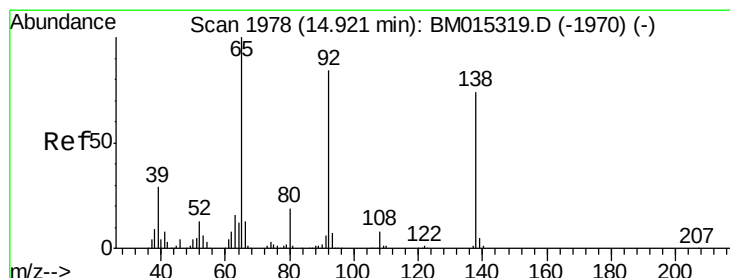
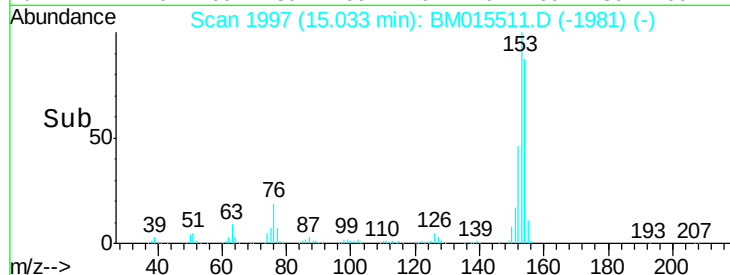
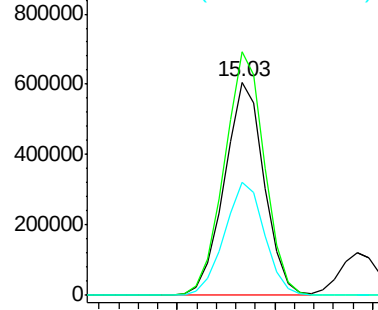
Tot Ion:	154	Resp:	853053
Ion Ratio	Lower	Upper	
154	100		
153	114.3	90.0	135.0
152	52.9	42.6	63.8

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



#52

3-Nitroaniline

Concen: 21.807 ng

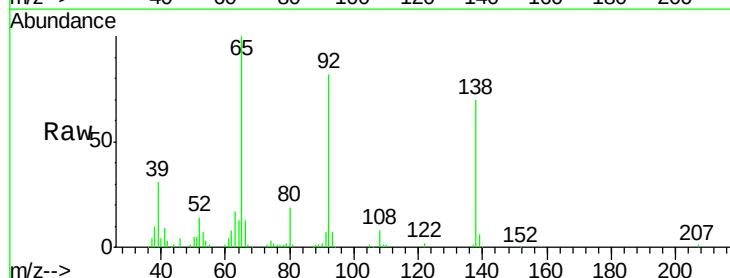
RT: 14.88 min Scan# 1971

Delta R.T. -0.01 min

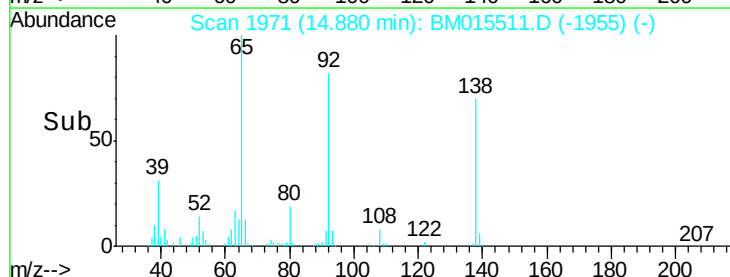
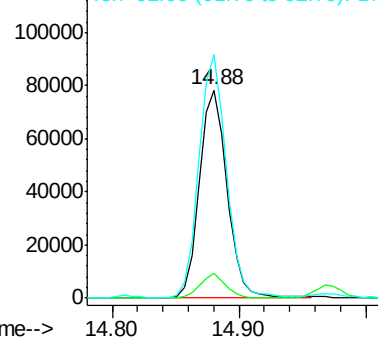
Lab File: BM015511.D

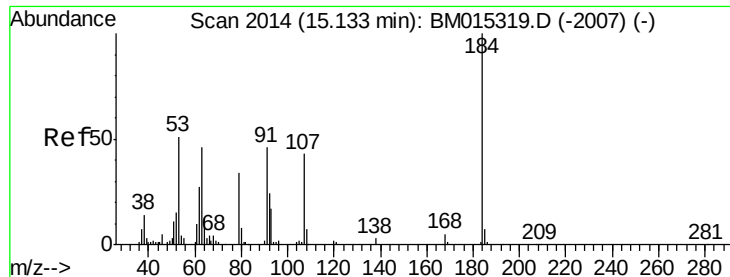
Acq: 07 Jun 2018 05:18

Tgt Ion:	138	Resp:	118015
Ion Ratio	Lower	Upper	
138	100		
108	11.6	7.3	10.9#
92	117.1	76.6	114.8#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM0





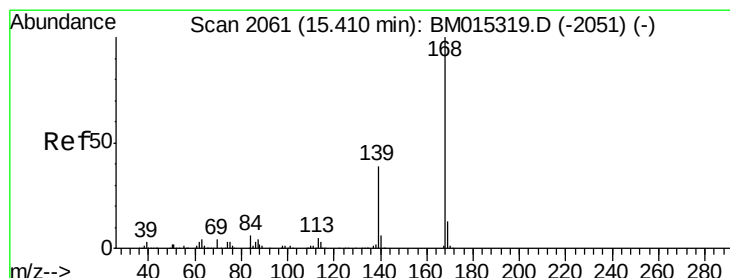
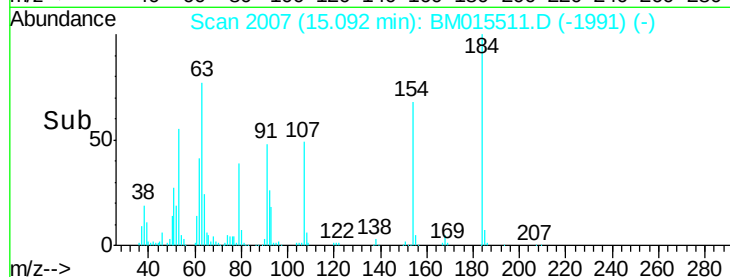
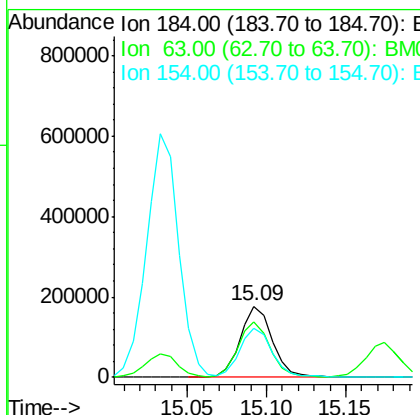
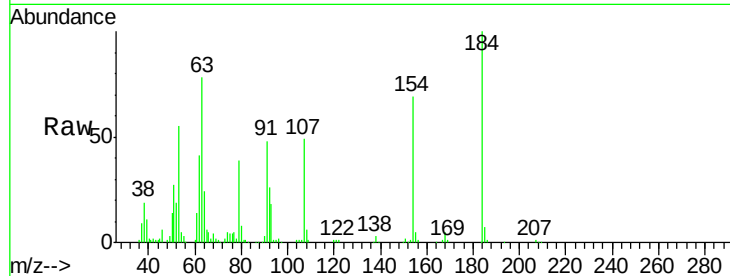
#53
2,4-Dinitrophenol
Concen: 77.271 ng
RT: 15.09 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BM015511.D
Acq: 07 Jun 2018 05:18

Instrument :
BNA_M
ClientSampleId :
OILY-STONESMSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	77.6	69.2	103.8
154	68.7	53.3	79.9

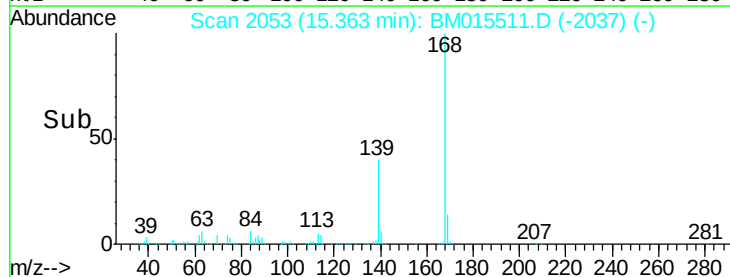
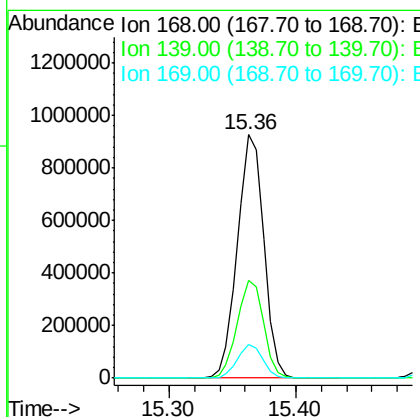
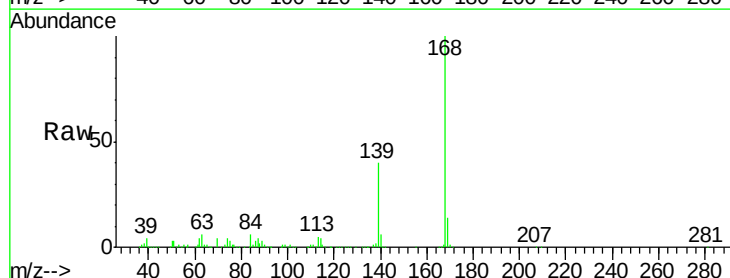
Manual Integrations
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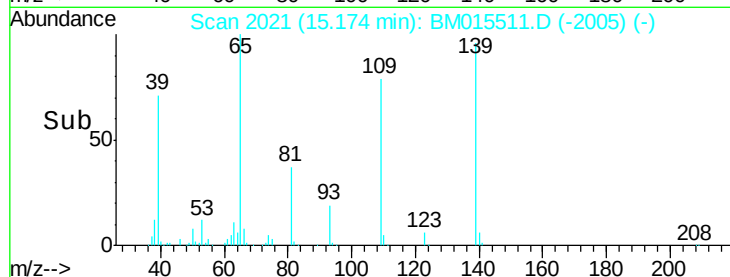
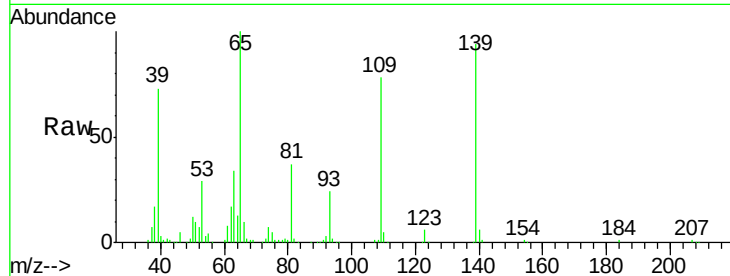
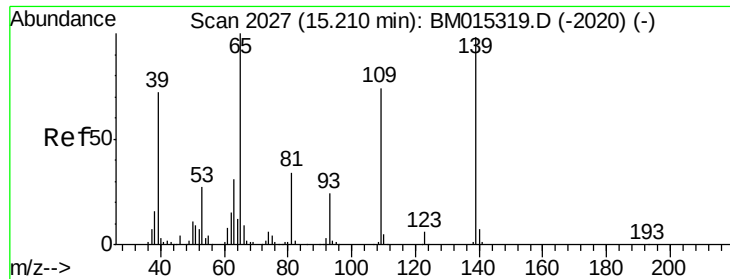
Sohil
6/7/2018 1:05:03 PM



#54
Dibenzofuran
Concen: 47.863 ng
RT: 15.36 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BM015511.D
Acq: 07 Jun 2018 05:18

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.3	27.3	40.9
169	13.8	10.6	16.0





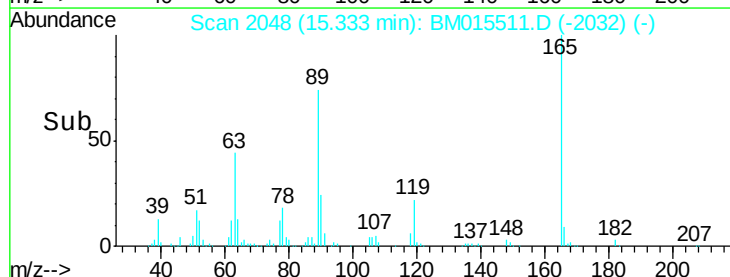
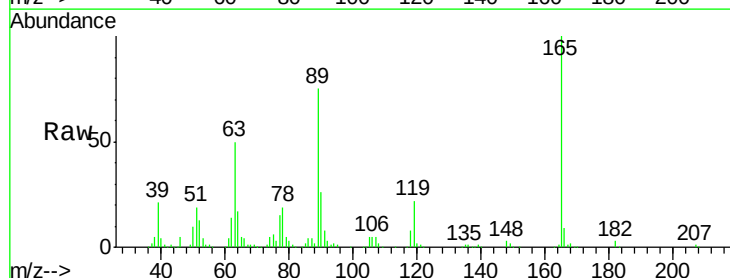
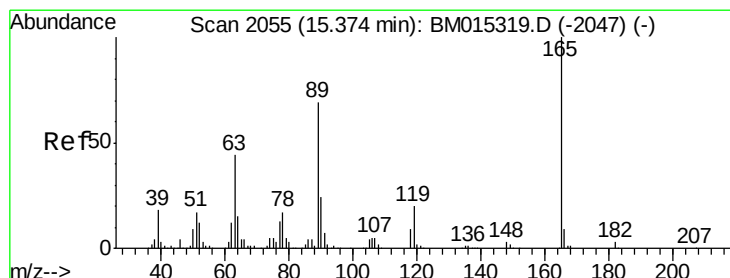
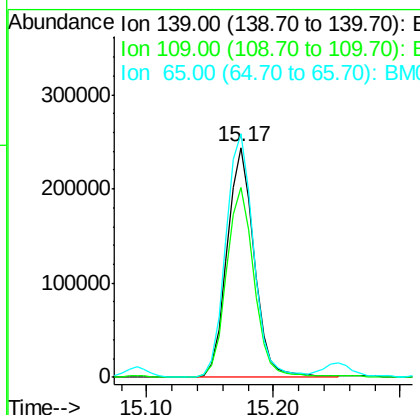
#55
4-Nitrophenol
Concen: 75.668 ng
RT: 15.17 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BM015511.D
Acq: 07 Jun 2018 05:18

Tot Ion	Ratio	Resp	Lower	Upper
139	100	361673		
109	82.5	130.0	170.0#	
65	105.9	130.0	170.0#	

Instrument :
BNA_M
ClientSampleId :
OILY-STONESMSD

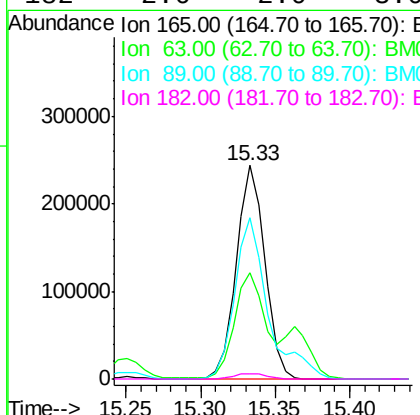
Manual Integrations
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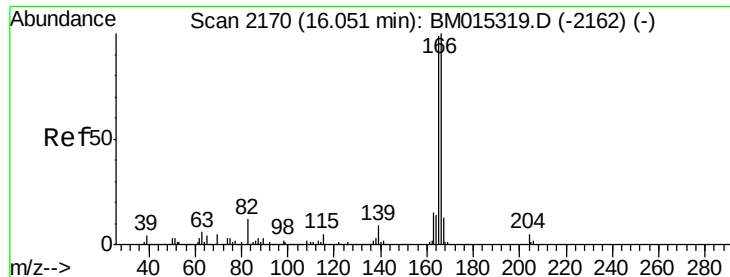
Sohil
6/7/2018 1:05:03 PM



#56
2,4-Dinitrotoluene
Concen: 46.010 ng
RT: 15.33 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BM015511.D
Acq: 07 Jun 2018 05:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	325708		
63	49.6	52.4	78.6#	
89	75.4	72.4	108.6	
182	2.6	2.0	3.0	





#57

Fluorene

Concen: 47.205 ng

RT: 16.01 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BM015511.D

Acq: 07 Jun 2018 05:18

Instrument :

BNA_M

ClientSampleId :

OILY-STONESMSD

Tot Ion:166 Resp: 1081494

Ion Ratio Lower Upper

166 100

165 97.9 79.0 118.4

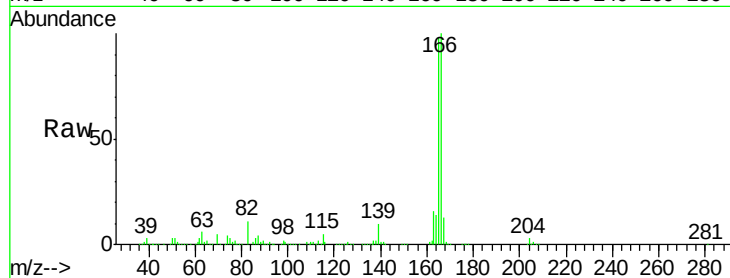
167 13.0 10.3 15.5

Manual Integrations

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Sohil

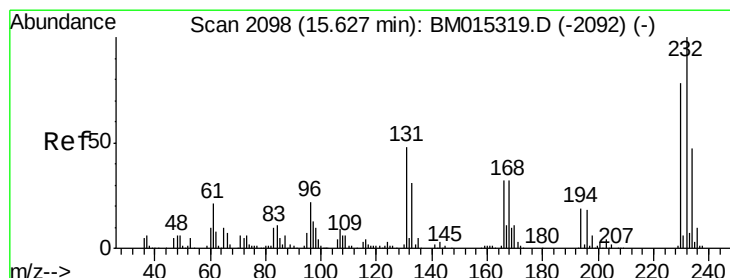
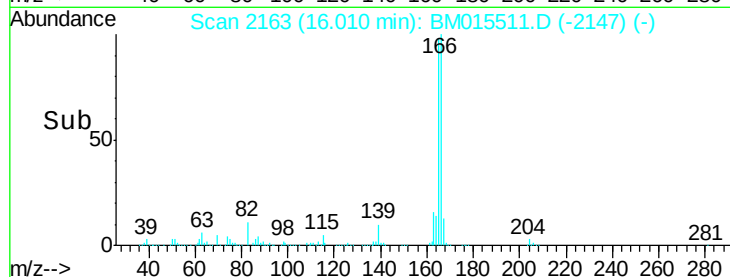
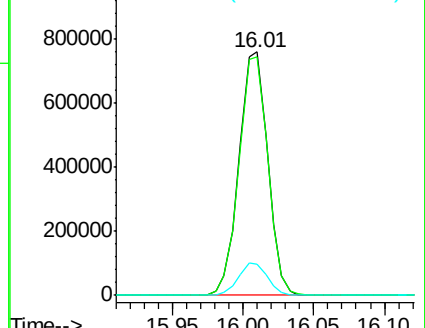
6/7/2018 1:05:03 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.508 ng

RT: 15.59 min Scan# 2091

Delta R.T. -0.01 min

Lab File: BM015511.D

Acq: 07 Jun 2018 05:18

Tgt Ion:232 Resp: 269517

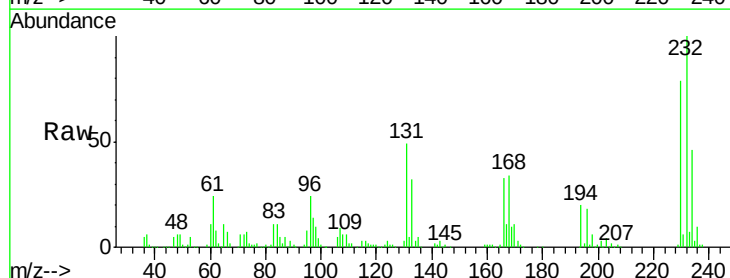
Ion Ratio Lower Upper

232 100

131 50.5 0.0 0.0#

130 2.9 0.0 0.0#

166 33.8 0.0 0.0#

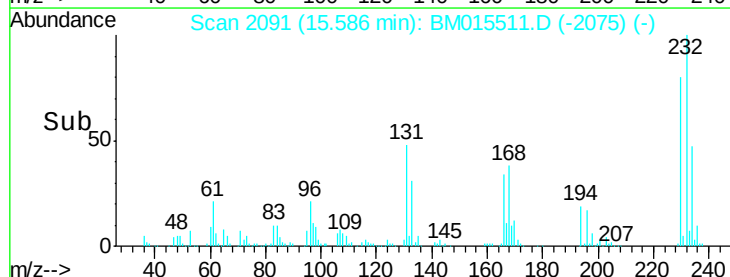
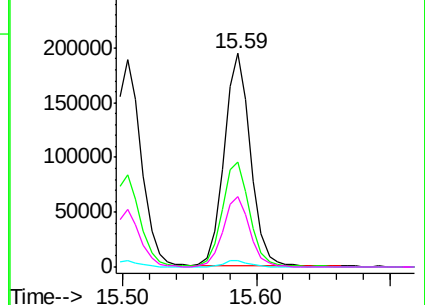


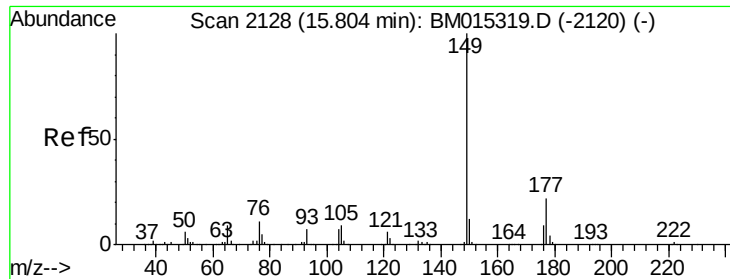
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





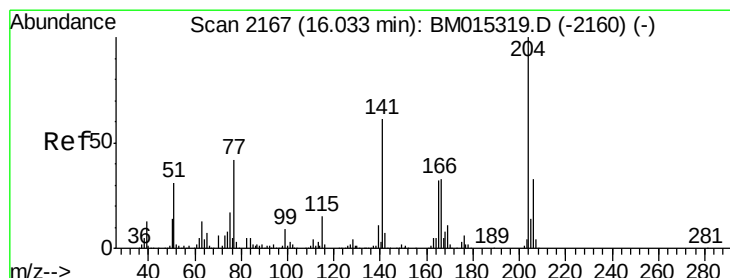
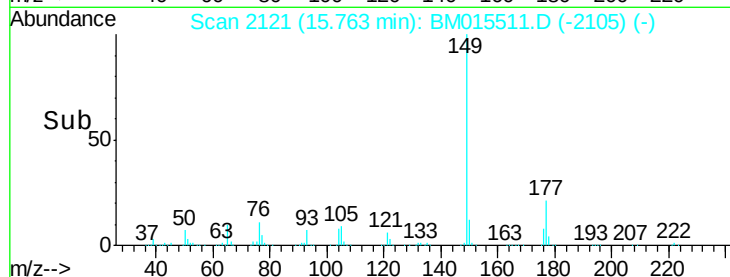
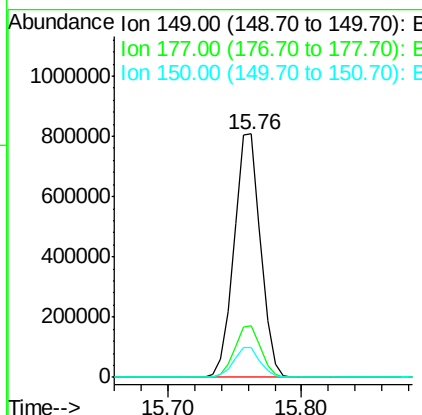
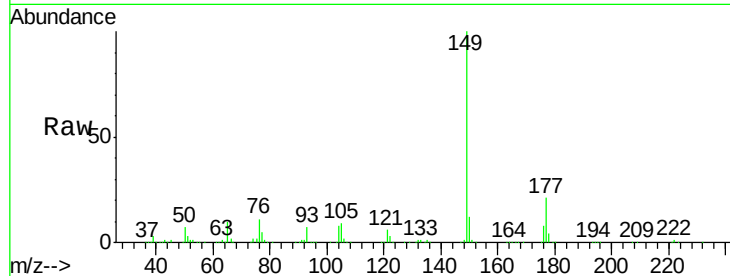
#59
Diethylphthalate
Concen: 45.026 ng
RT: 15.76 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BM015511.D
Acq: 07 Jun 2018 05:18

Instrument :
BNA_M
ClientSampleId :
OILY-STONESMSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.0	18.3	27.5
150	12.1	9.8	14.8

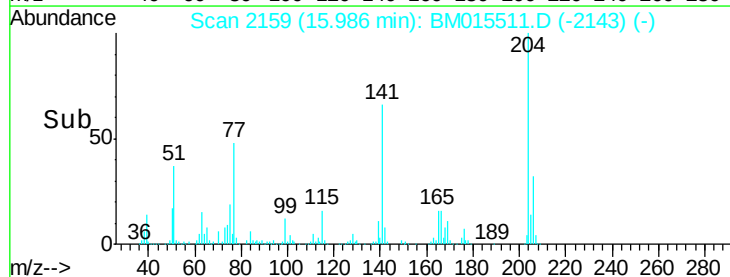
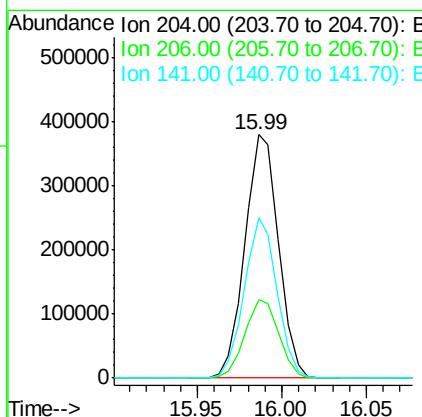
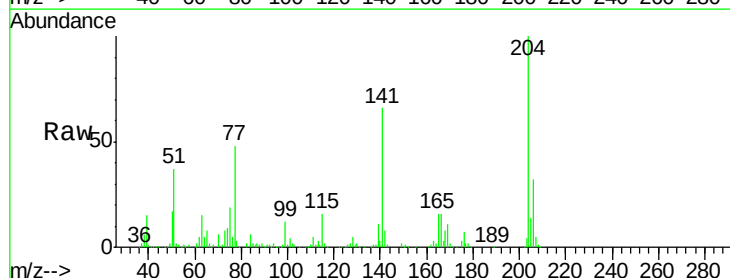
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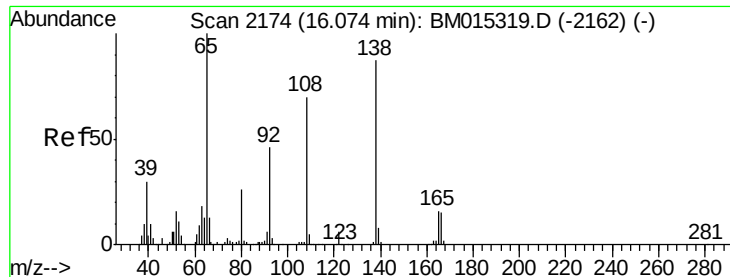
Sohil
6/7/2018 1:05:03 PM



#60
4-Chlorophenyl-phenylether
Concen: 46.284 ng
RT: 15.99 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BM015511.D
Acq: 07 Jun 2018 05:18

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.6	39.8
141	65.9	45.2	67.8





#61

4-Nitroaniline

Concen: 40.476 ng

RT: 16.03 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BM015511.D

Acq: 07 Jun 2018 05:18

Instrument :

BNA_M

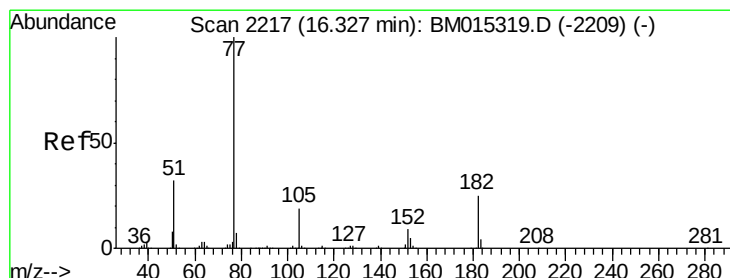
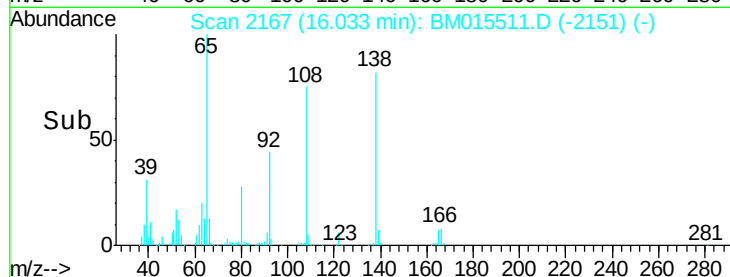
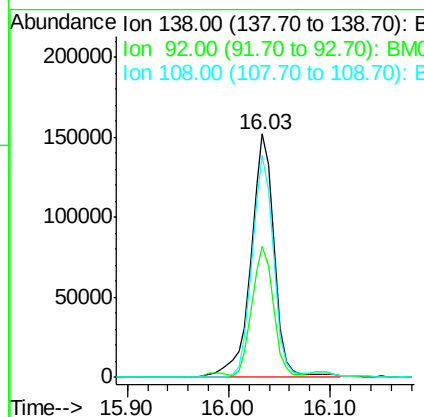
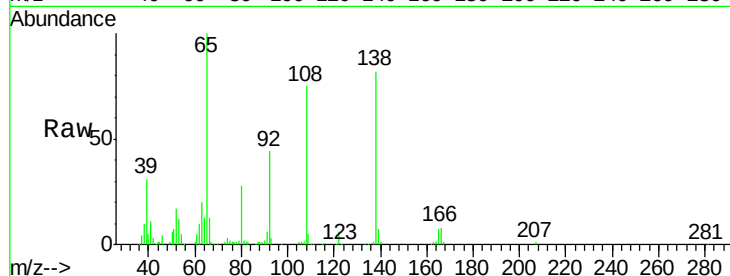
ClientSampleId :

OILY-STONESMSD

Tot Ion:	138	Resp:	242569
Ion Ratio	Lower	Upper	
138	100		
92	53.6	16.7	56.7
108	91.1	37.6	77.6#

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6/7/2018 1:05:03 PM



#62

Azobenzene

Concen: 50.861 ng

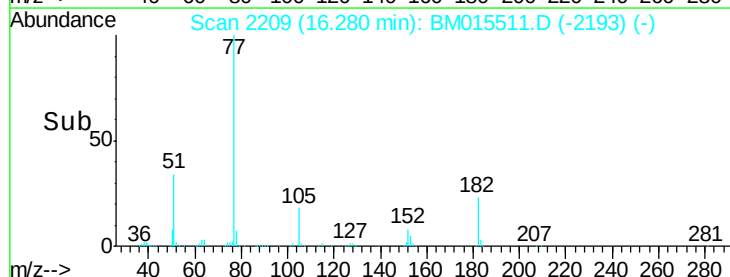
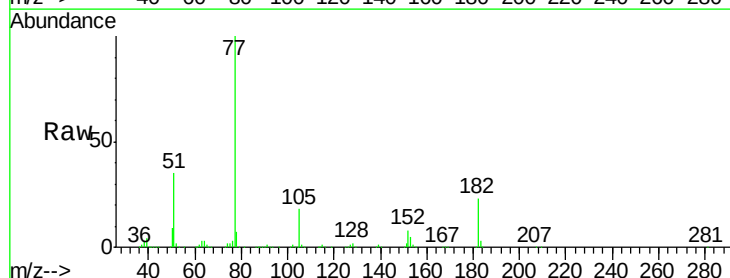
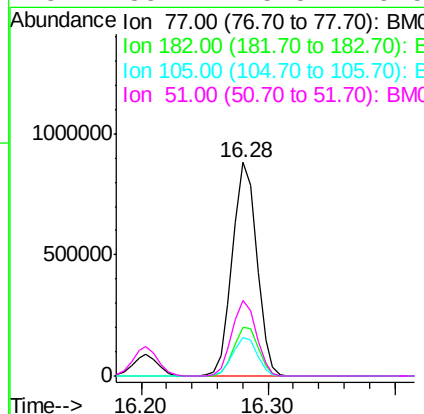
RT: 16.28 min Scan# 2209

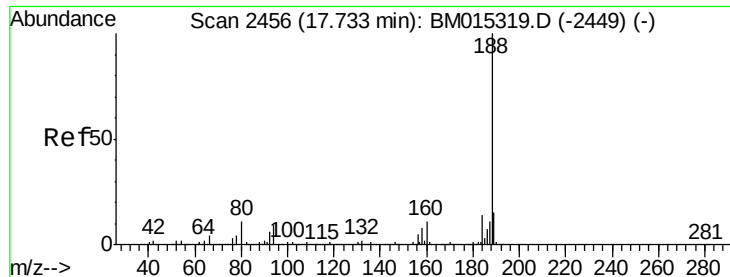
Delta R.T. -0.01 min

Lab File: BM015511.D

Acq: 07 Jun 2018 05:18

Tgt Ion:	77	Resp:	1172155
Ion Ratio	Lower	Upper	
77	100		
182	22.8	6.5	46.5
105	17.9	3.8	43.8
51	35.4	5.5	45.5





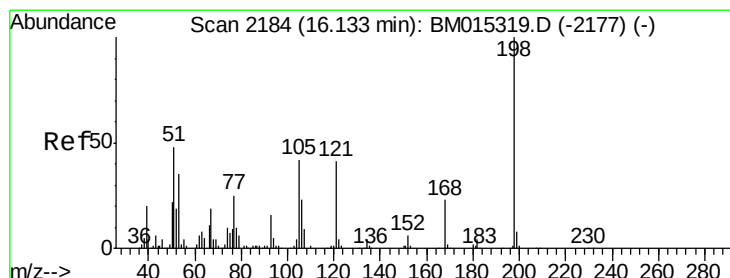
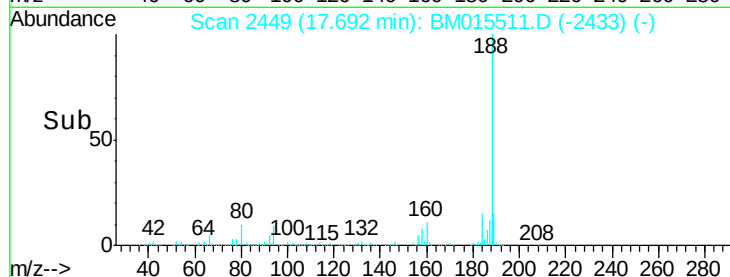
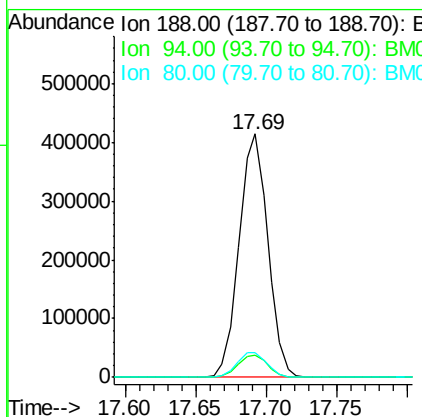
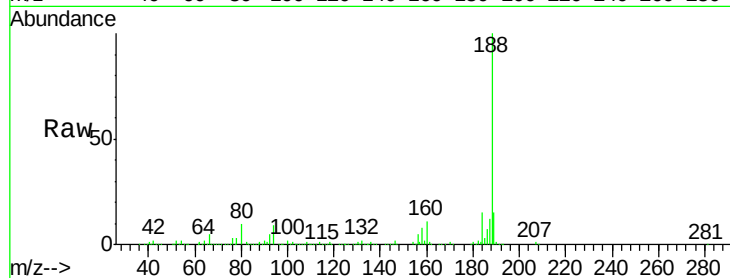
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.69 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BM015511.D
Acq: 07 Jun 2018 05:18

Instrument :
BNA_M
ClientSampleId :
OILY-STONESMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	590079		
94	8.9		8.7	13.1
80	10.4		9.3	13.9

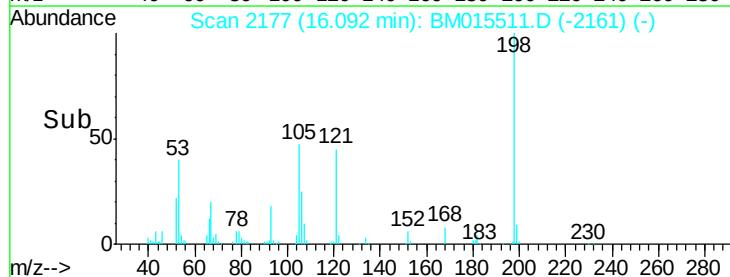
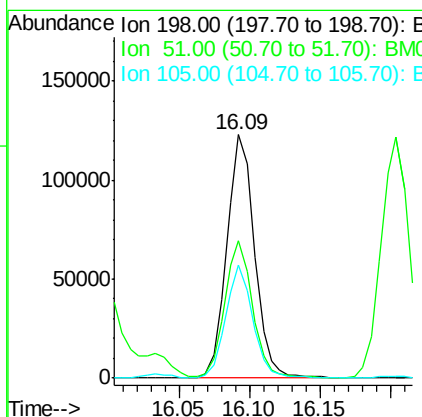
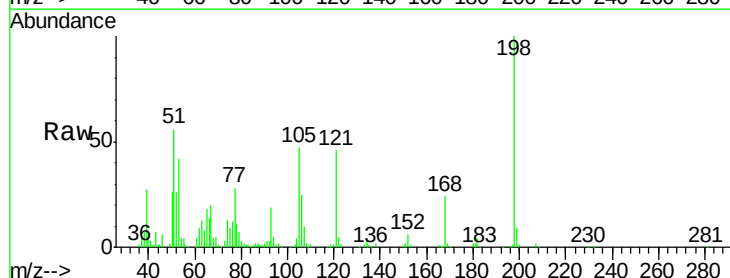
Manual Integrations
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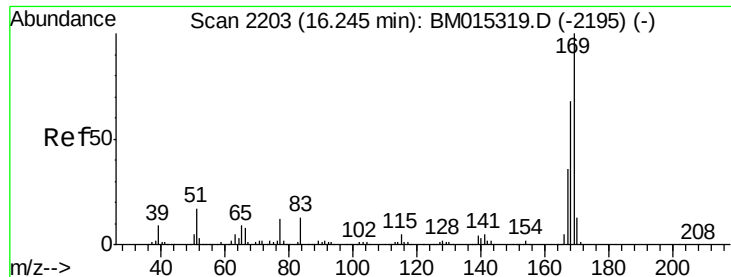
Sohil
6/7/2018 1:05:03 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 49.536 ng
RT: 16.09 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BM015511.D
Acq: 07 Jun 2018 05:18

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	168377		
51	56.4		28.8	68.8
105	46.6		30.5	70.5





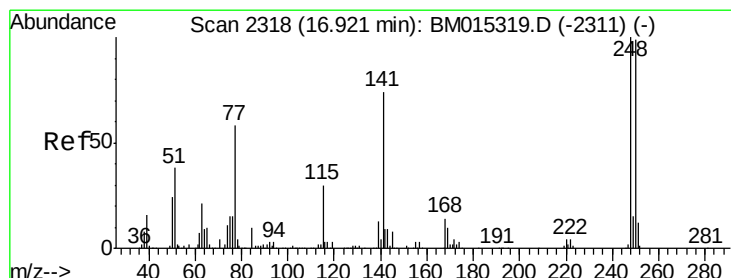
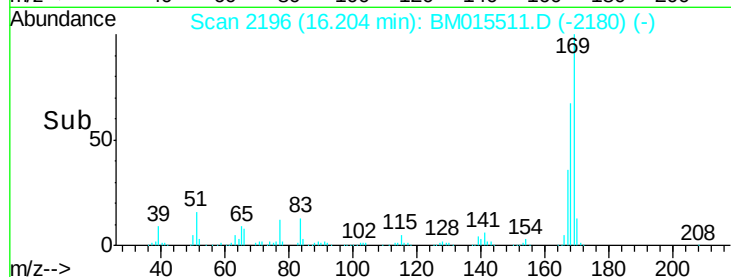
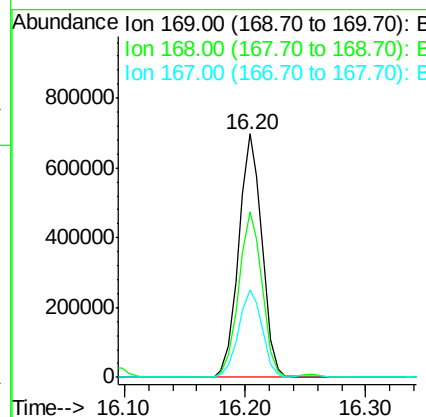
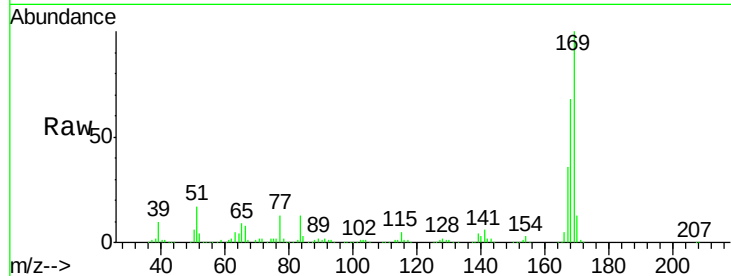
#65
 n-Nitrosodiphenylamine
 Concen: 51.419 ng
 RT: 16.20 min Scan# 2196
 Delta R.T. -0.01 min
 Lab File: BM015511.D
 Acq: 07 Jun 2018 05:18

Instrument :
 BNA_M
 ClientSampleId :
 OILY-STONESMSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	936960		
168	68.2	53.9	80.9	
167	36.1	28.9	43.3	

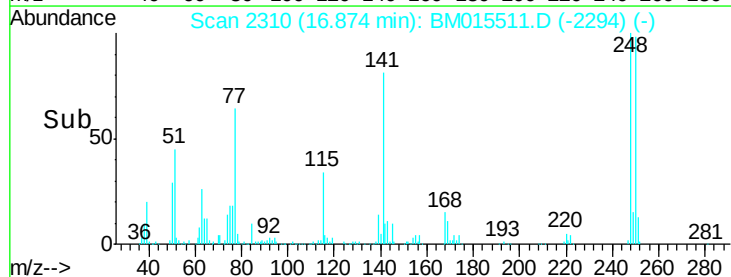
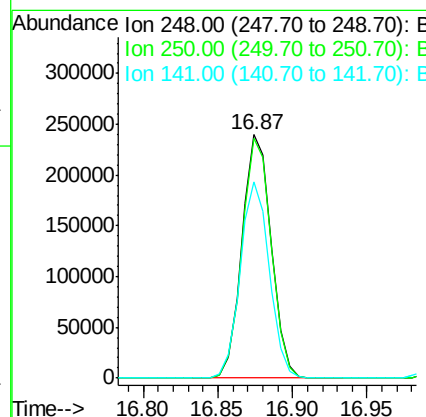
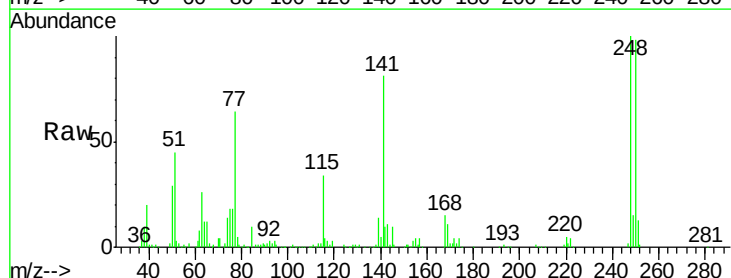
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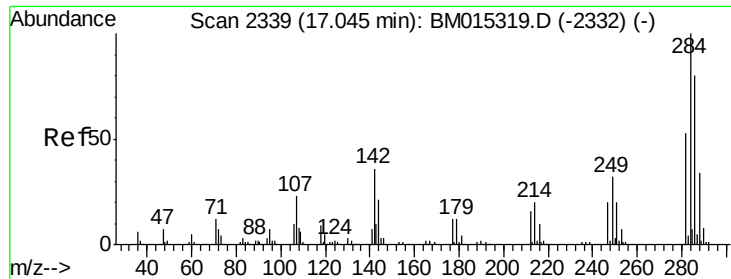
Sohil
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#66
 4-Bromophenyl-phenylether
 Concen: 51.650 ng
 RT: 16.87 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: BM015511.D
 Acq: 07 Jun 2018 05:18

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	326352		
250	98.3	77.4	116.0	
141	80.7	45.2	67.8	





#67

Hexachlorobenzene

Concen: 50.468 ng

RT: 17.00 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BM015511.D

Acq: 07 Jun 2018 05:18

Instrument :

BNA_M

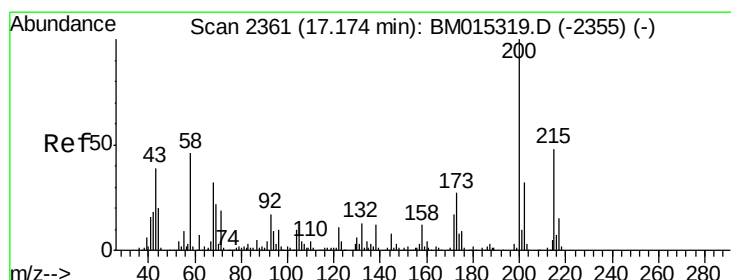
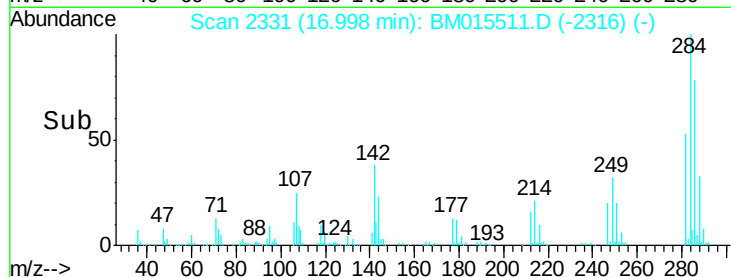
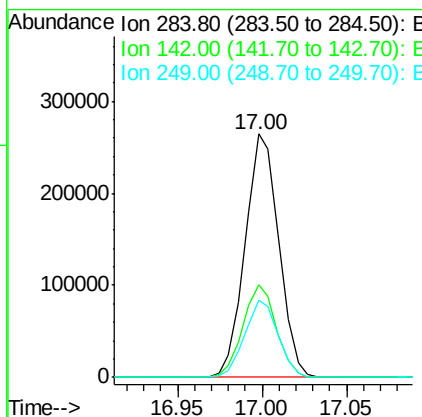
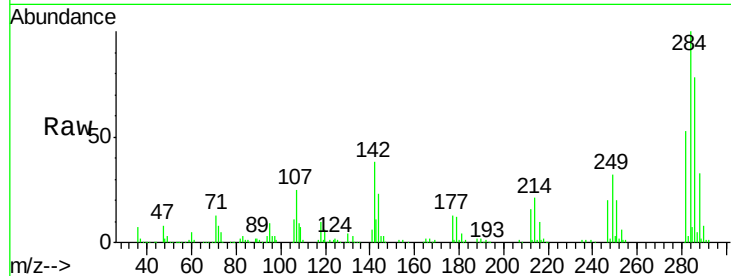
ClientSampleId :

OILY-STONESMSD

Tot Ion:	284	Resp:	366686
Ion Ratio	Lower	Upper	
284	100		
142	38.2	20.4	30.6#
249	31.6	23.8	35.6

Manual Integrations
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6/7/2018 1:05:03 PM



#68

Atrazine

Concen: 50.453 ng

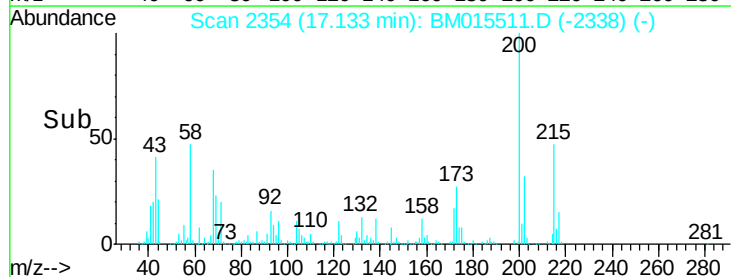
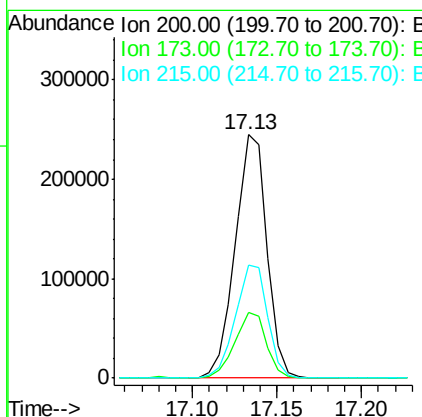
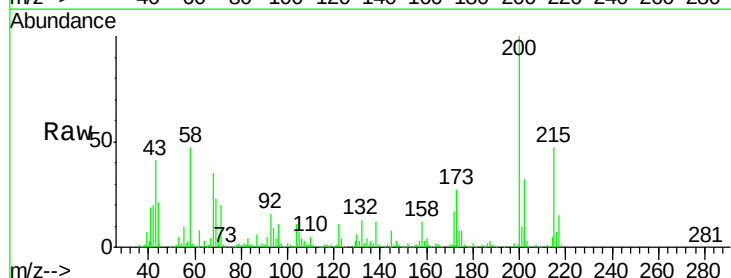
RT: 17.13 min Scan# 2354

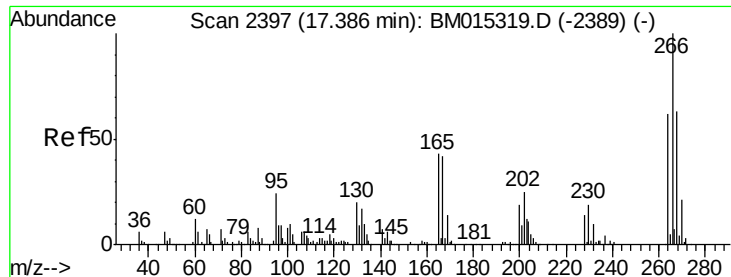
Delta R.T. -0.01 min

Lab File: BM015511.D

Acq: 07 Jun 2018 05:18

Tgt Ion:	200	Resp:	320130
Ion Ratio	Lower	Upper	
200	100		
173	27.0	4.8	44.8
215	46.7	26.9	66.9





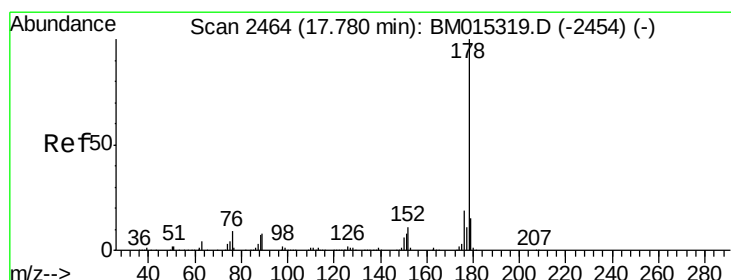
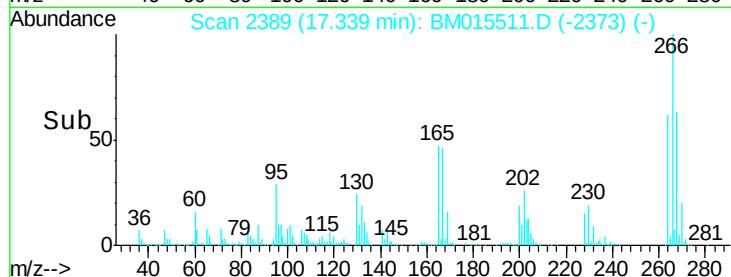
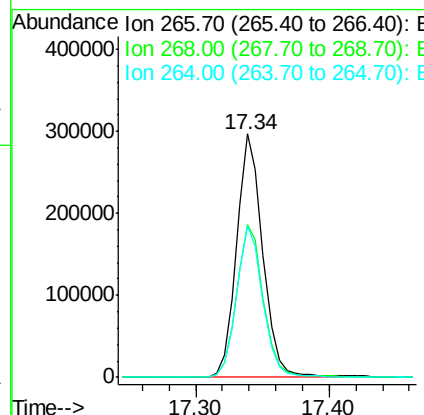
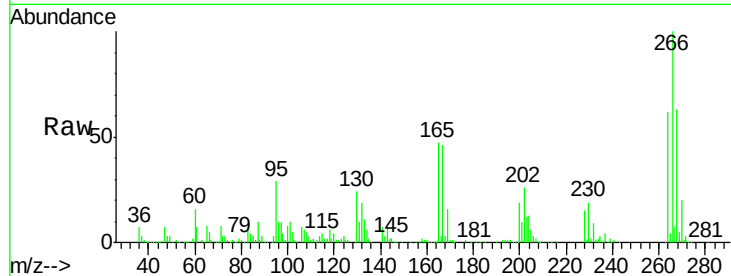
#69
 Pentachlorophenol
 Concen: 95.378 ng
 RT: 17.34 min Scan# 2389
 Delta R.T. -0.01 min
 Lab File: BM015511.D
 Acq: 07 Jun 2018 05:18

Instrument :
 BNA_M
 ClientSampleId :
 OILY-STONESMSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.6	52.0	78.0
264	62.3	49.0	73.4

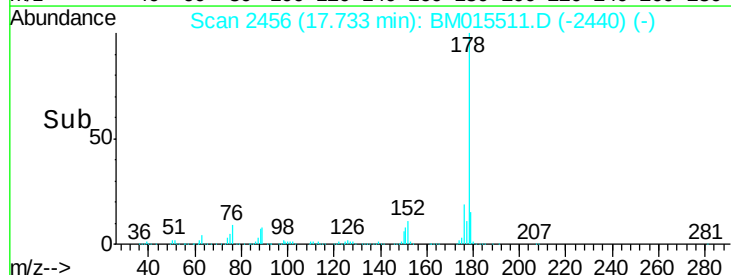
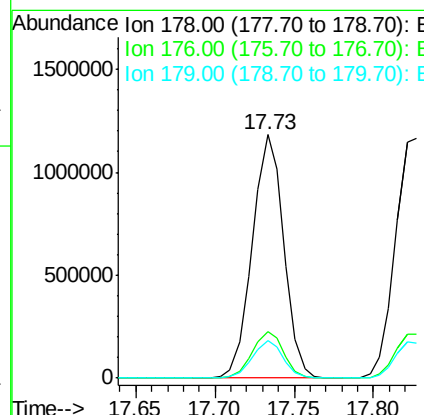
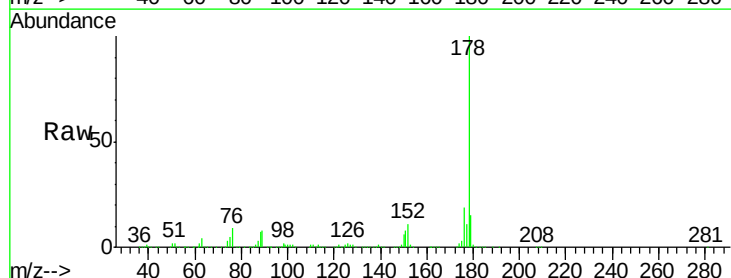
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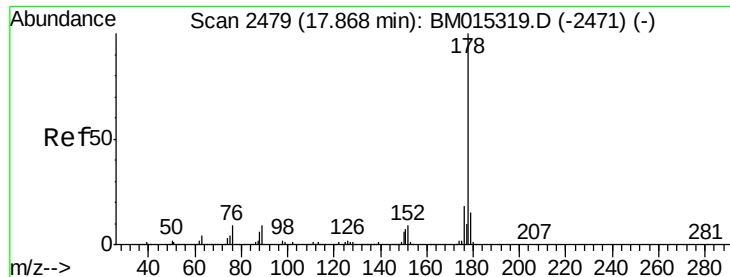
Sohil
 6/7/2018 1:05:03 PM



#70
 Phenanthrene
 Concen: 49.074 ng
 RT: 17.73 min Scan# 2456
 Delta R.T. -0.01 min
 Lab File: BM015511.D
 Acq: 07 Jun 2018 05:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.2	22.8
179	15.2	12.1	18.1





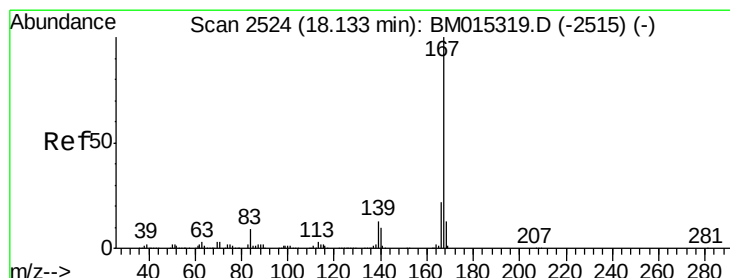
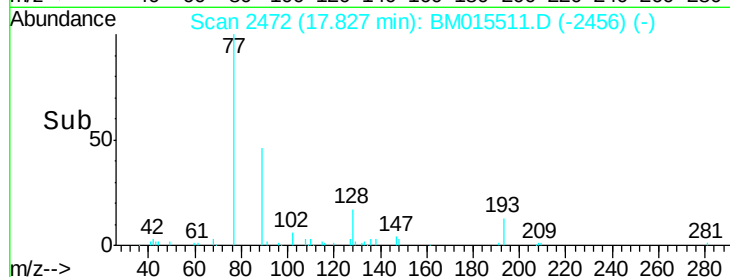
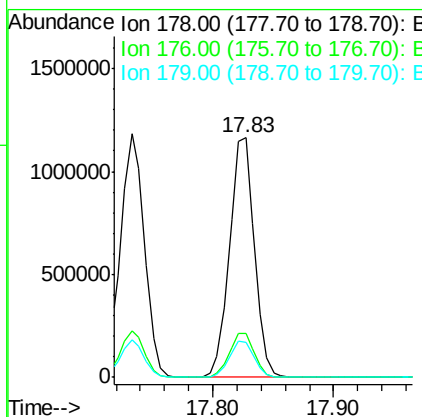
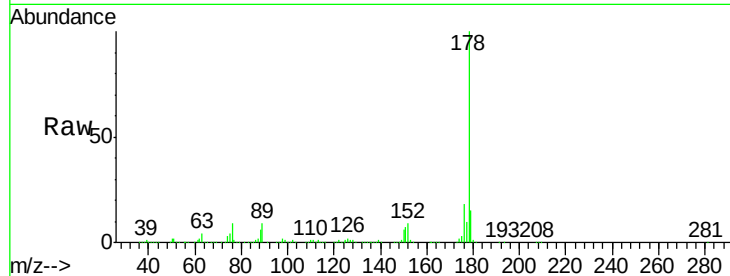
#71
 Anthracene
 Concen: 48.872 ng
 RT: 17.83 min Scan# 2472
 Delta R.T. -0.01 min
 Lab File: BM015511.D
 Acq: 07 Jun 2018 05:18

Instrument :
 BNA_M
 ClientSampleId :
 OILY-STONESMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	14.8	12.6	19.0

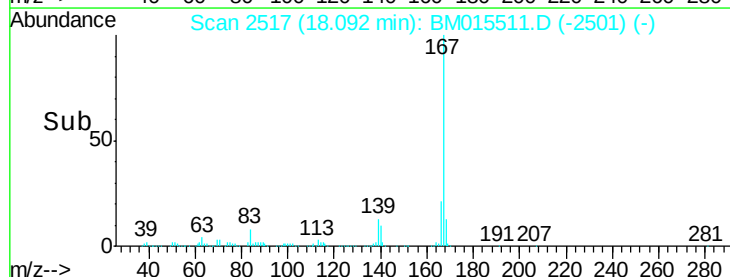
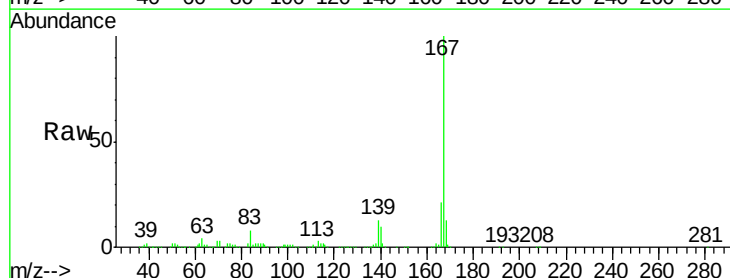
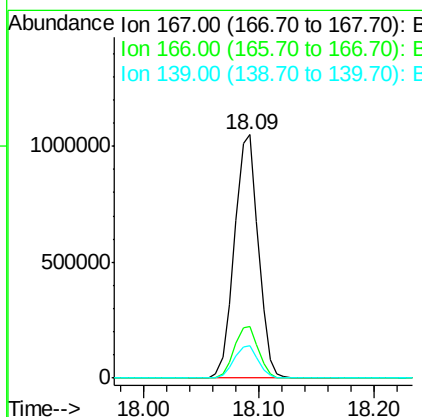
Manual Integrations
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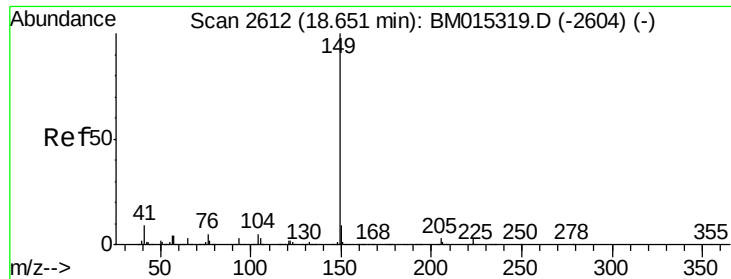
Sohil
 6/7/2018 1:05:03 PM



#72
 Carbazole
 Concen: 47.572 ng
 RT: 18.09 min Scan# 2517
 Delta R.T. -0.01 min
 Lab File: BM015511.D
 Acq: 07 Jun 2018 05:18

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.2	25.8
139	13.1	10.8	16.2





#73

Di-n-butylphthalate

Concen: 46.496 ng

RT: 18.61 min Scan# 2605

Delta R.T. -0.01 min

Lab File: BM015511.D

Acq: 07 Jun 2018 05:18

Instrument :

BNA_M

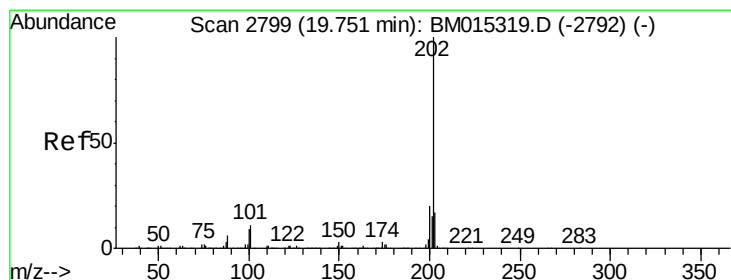
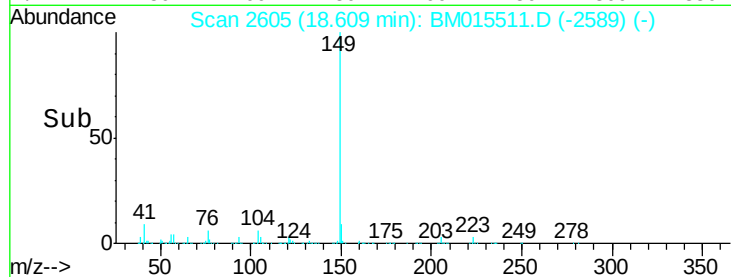
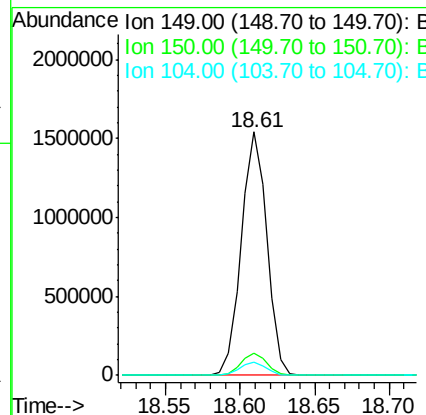
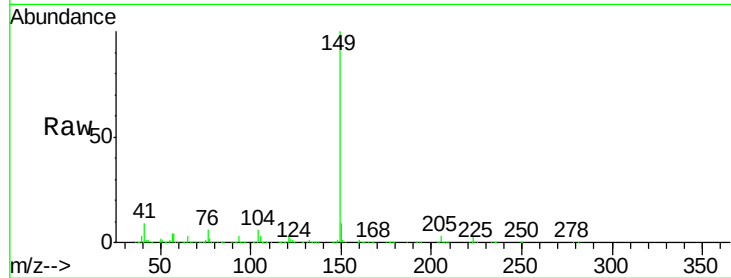
ClientSampleId :

OILY-STONESMSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	5.6	3.7	5.5

Manual Integrations
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6/7/2018 1:05:03 PM



#74

Fluoranthene

Concen: 45.160 ng

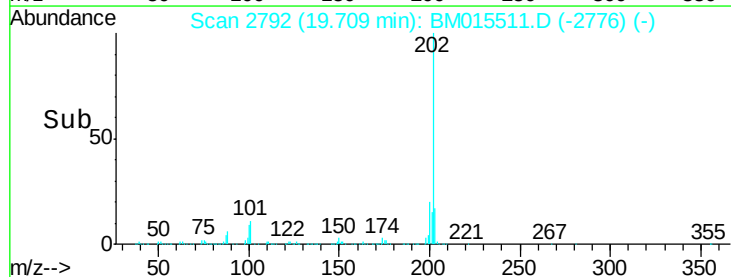
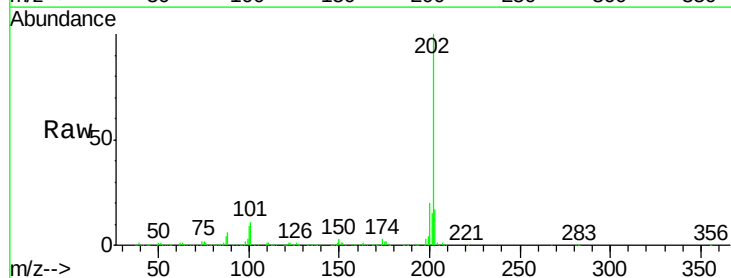
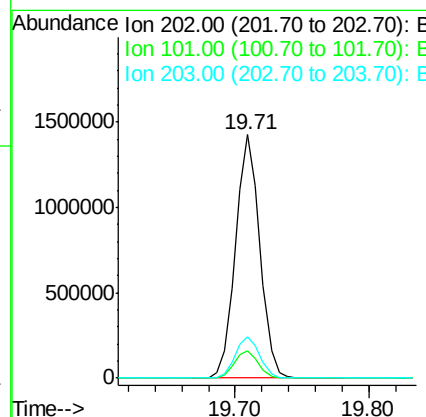
RT: 19.71 min Scan# 2792

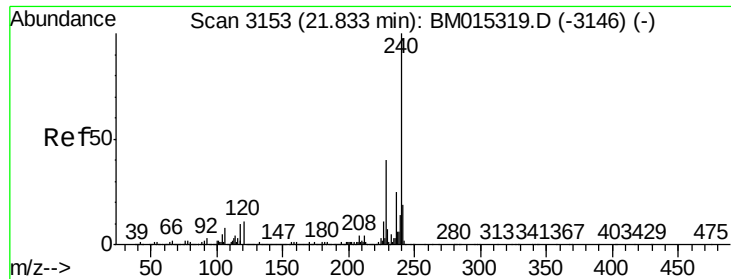
Delta R.T. -0.01 min

Lab File: BM015511.D

Acq: 07 Jun 2018 05:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	28.7
203	17.2	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BM015511.D

Acq: 07 Jun 2018 05:18

Instrument :

BNA_M

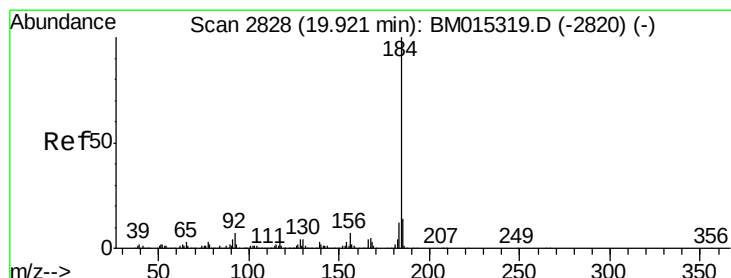
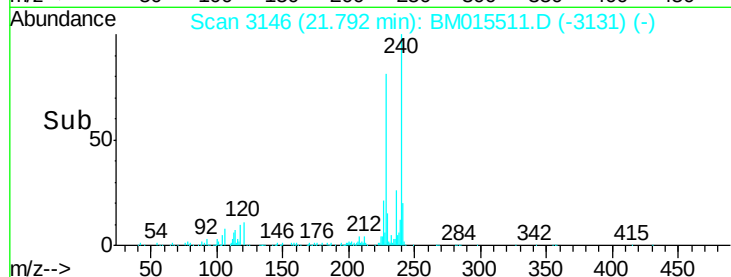
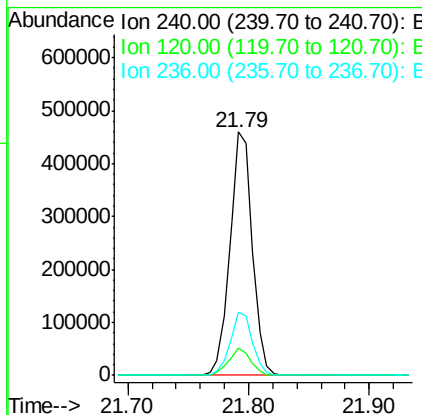
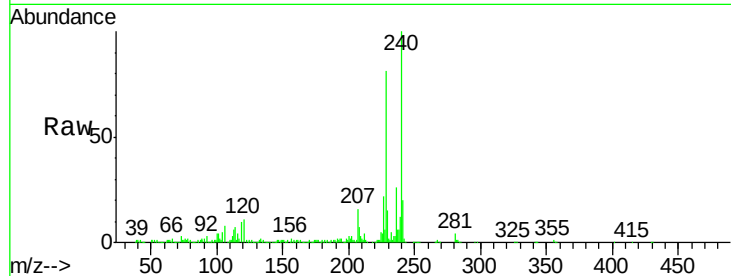
ClientSampleId :

OILY-STONESMSD

Tot Ion:	240	Resp:	590563
Ion Ratio	Lower	Upper	
240	100		
120	11.3	8.2	12.2
236	26.2	20.0	30.0

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6/7/2018 1:05:03 PM



#76

Benzidine

Concen: 14.932 ng

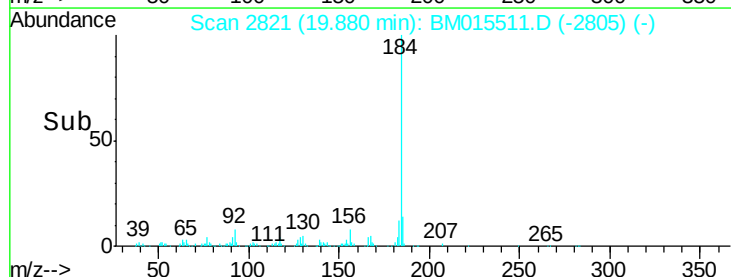
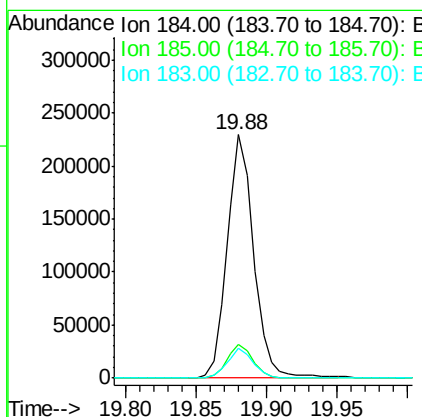
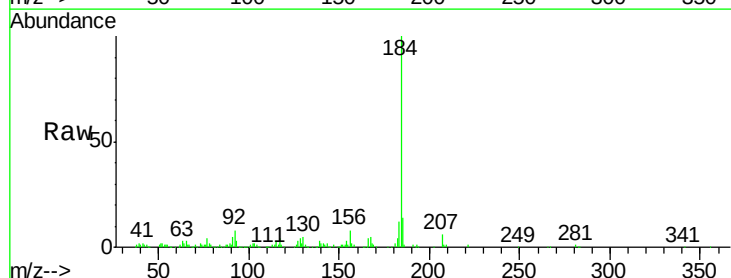
RT: 19.88 min Scan# 2821

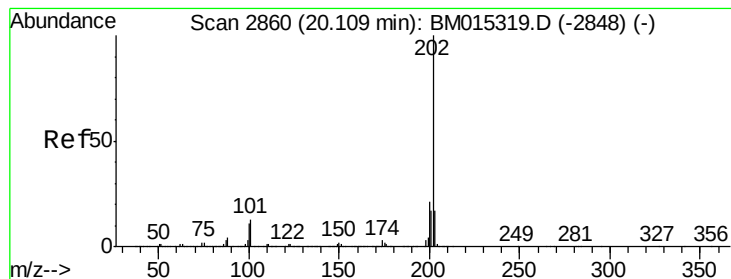
Delta R.T. -0.01 min

Lab File: BM015511.D

Acq: 07 Jun 2018 05:18

Tgt Ion:	184	Resp:	300171
Ion Ratio	Lower	Upper	
184	100		
185	13.8	11.3	16.9
183	12.4	8.9	13.3





#77

Pvrene

Concen: 51.540 ng

RT: 20.07 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BM015511.D

Acq: 07 Jun 2018 05:18

Instrument :

BNA_M

ClientSampleId :

OILY-STONESMSD

Tot Ion:202 Resp: 1839635

Ion Ratio Lower Upper

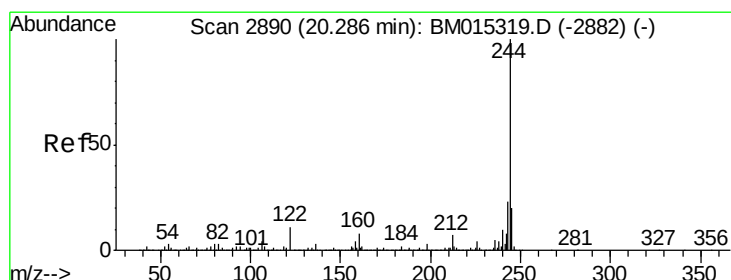
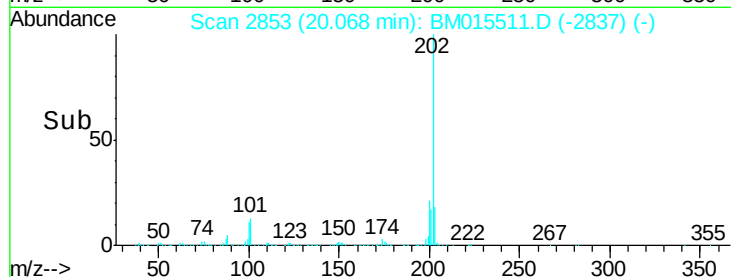
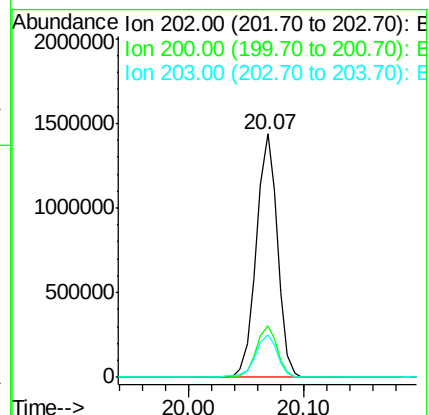
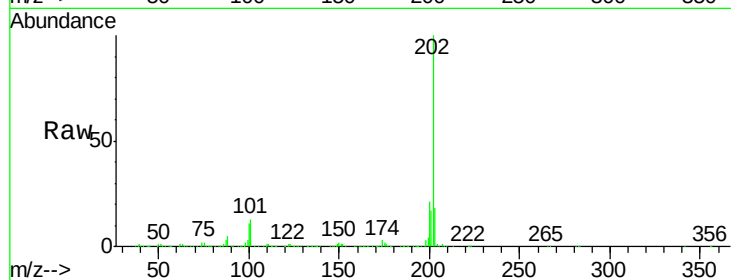
202 100

200 21.0 16.9 25.3

203 17.6 14.1 21.1

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6/7/2018 1:05:03 PM



#78

Terphenyl-d14

Concen: 119.276 ng

RT: 20.25 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BM015511.D

Acq: 07 Jun 2018 05:18

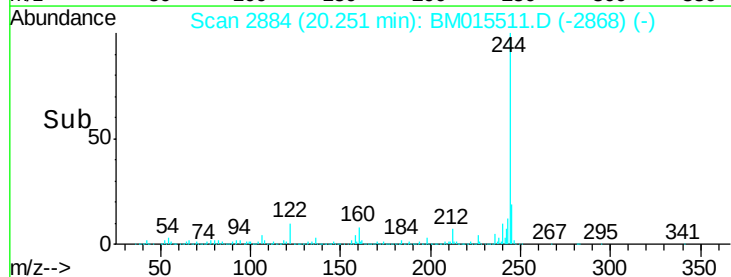
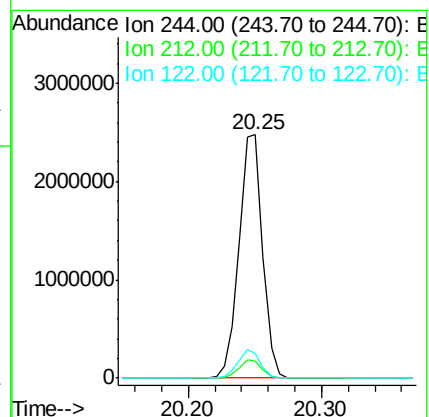
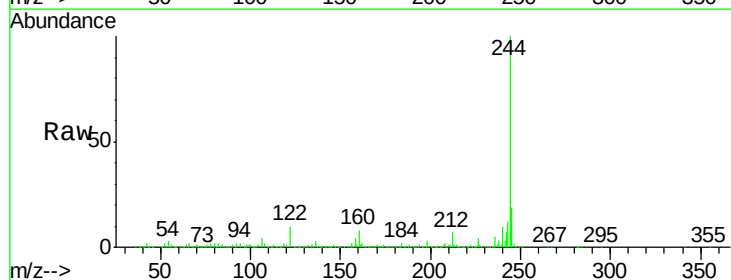
Tgt Ion:244 Resp: 3051775

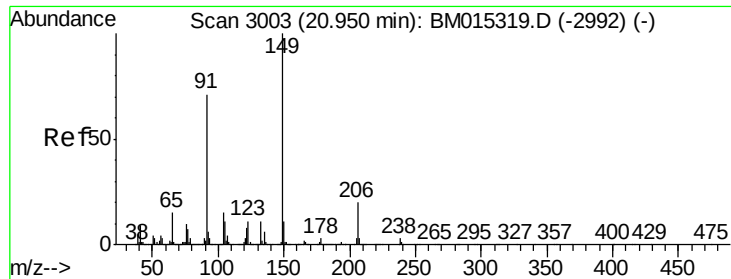
Ion Ratio Lower Upper

244 100

212 7.3 4.9 7.3

122 10.2 6.2 9.4#





#79

Butylbenzylphthalate

Concen: 48.911 ng

RT: 20.92 min Scan# 2997

Delta R.T. -0.01 min

Lab File: BM015511.D

Acq: 07 Jun 2018 05:18

Instrument :

BNA_M

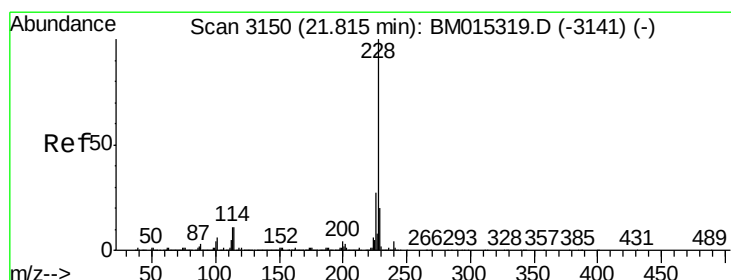
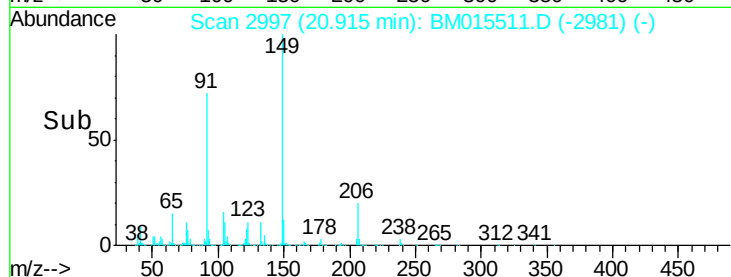
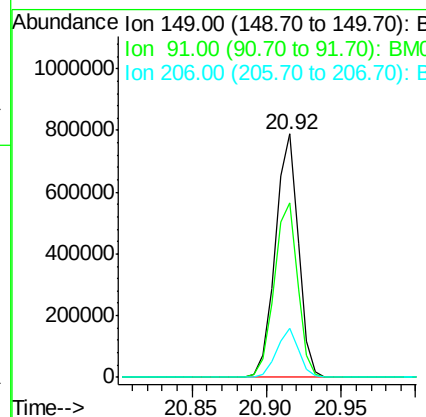
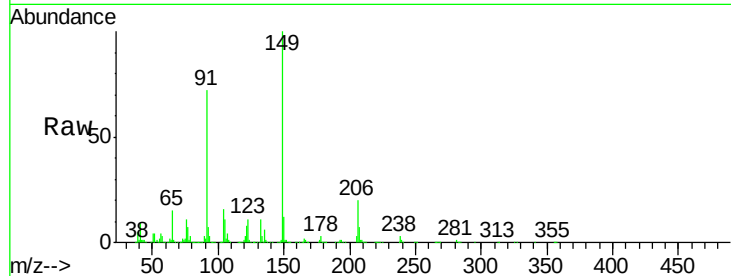
ClientSampleId :

OILY-STONESMSD

Tot Ion:	149	Resp:	839755
Ion Ratio	Lower	Upper	
149	100		
91	71.5	50.1	75.1
206	20.0	16.2	24.2

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#80

Benzo(a)anthracene

Concen: 48.738 ng

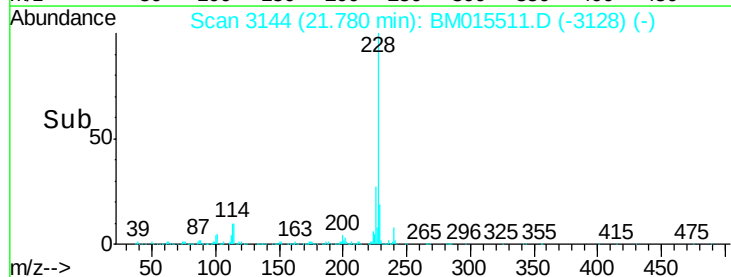
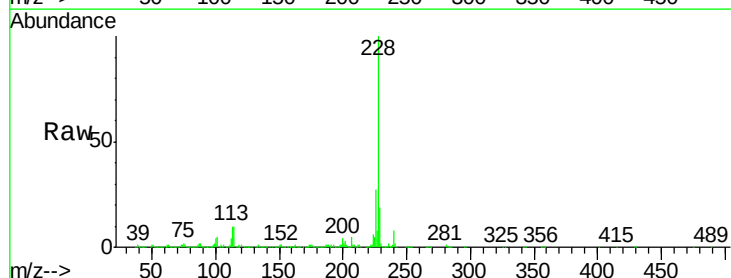
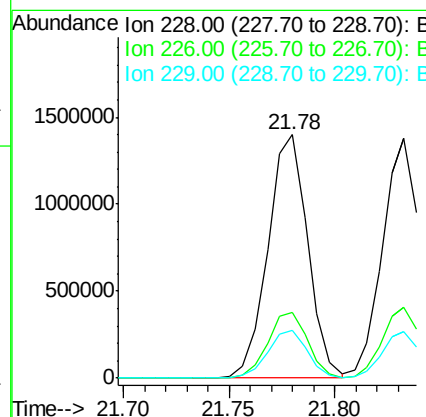
RT: 21.78 min Scan# 3144

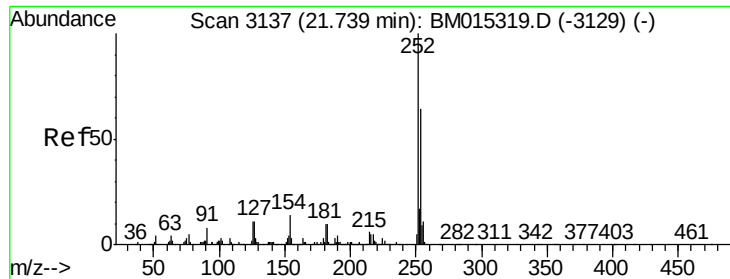
Delta R.T. -0.01 min

Lab File: BM015511.D

Acq: 07 Jun 2018 05:18

Tgt Ion:	228	Resp:	1832582
Ion Ratio	Lower	Upper	
228	100		
226	27.1	21.7	32.5
229	19.5	16.0	24.0





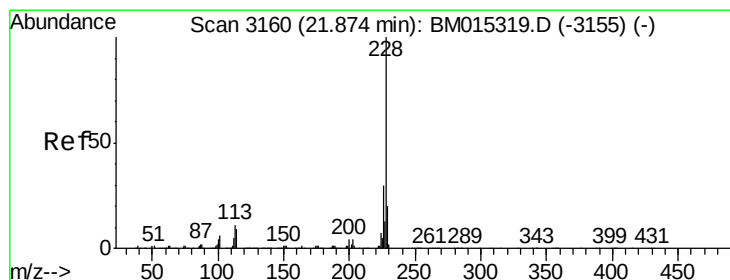
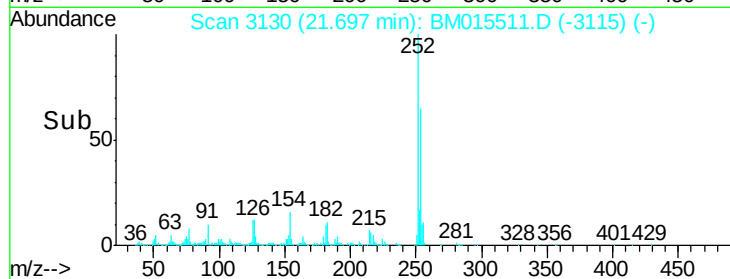
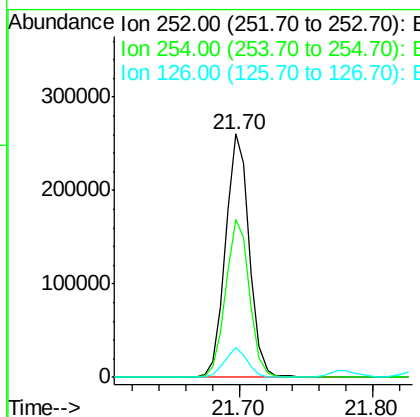
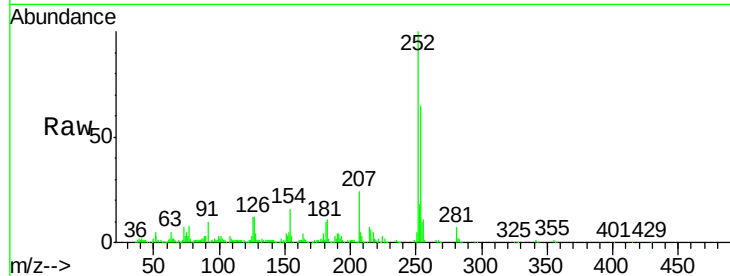
#81
 3,3'-Dichlorobenzidine
 Concen: 22.009 ng
 RT: 21.70 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BM015511.D
 Acq: 07 Jun 2018 05:18

Instrument :
 BNA_M
 ClientSampleId :
 OILY-STONESMSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.9	77.9
126	12.2	9.8	14.8

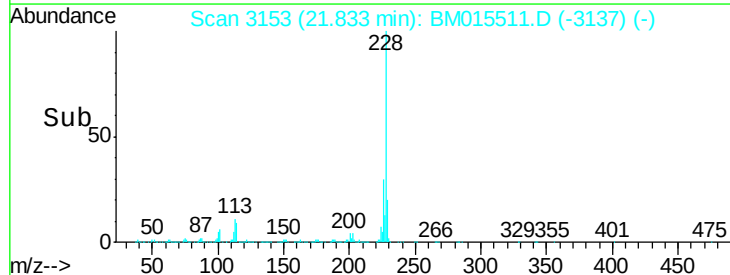
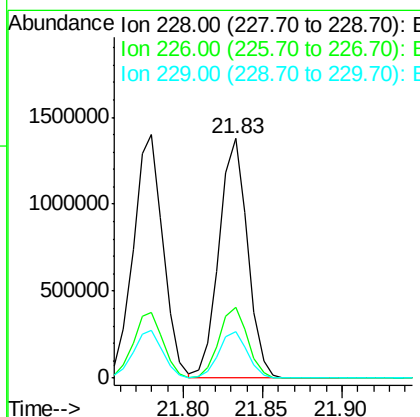
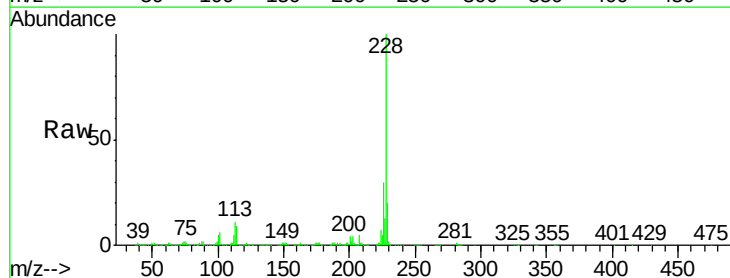
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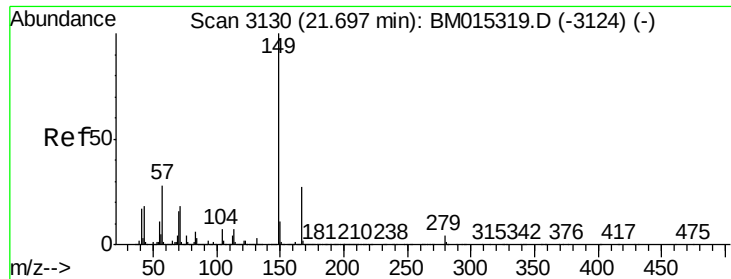
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 6/7/2018 1:05:03 PM



#82
 Chrysene
 Concen: 49.300 ng
 RT: 21.83 min Scan# 3153
 Delta R.T. -0.01 min
 Lab File: BM015511.D
 Acq: 07 Jun 2018 05:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	19.6	15.5	23.3





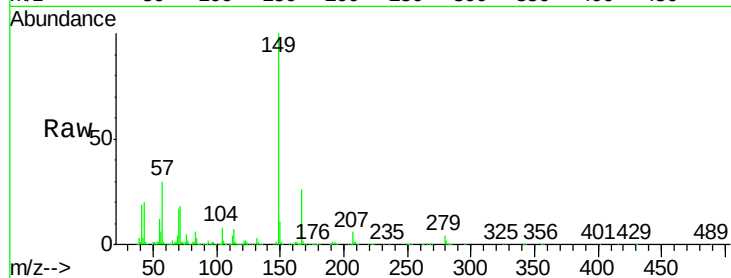
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.677 ng
 RT: 21.66 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BM015511.D
 Acq: 07 Jun 2018 05:18

Instrument :
 BNA_M
 ClientSampleId :
 OILY-STONESMSD

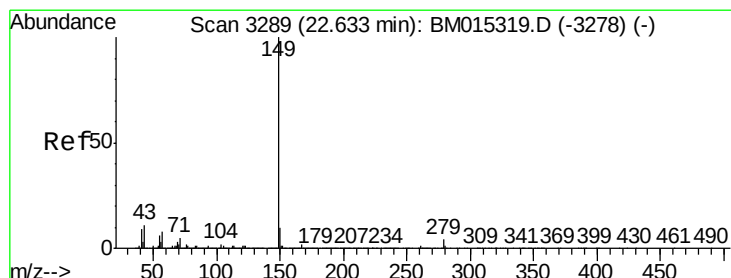
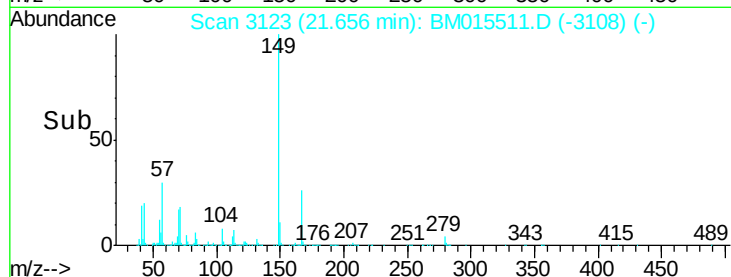
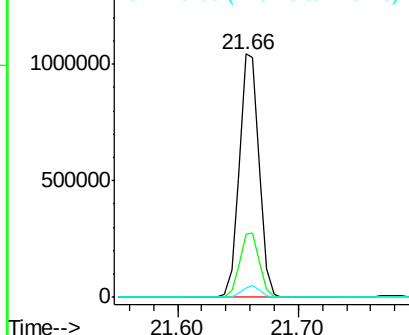
Tot Ion:149 Resp: 1185770
 Ion Ratio Lower Upper
 149 100
 167 25.7 22.4 33.6
 279 3.9 3.4 5.0

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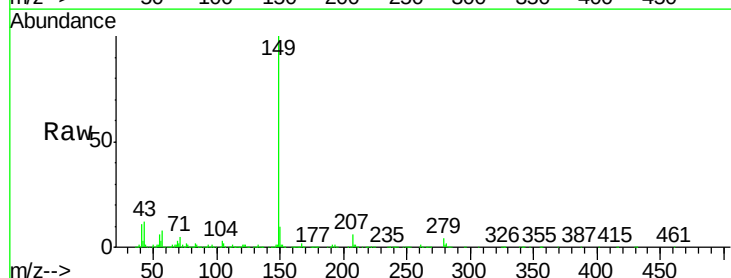


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

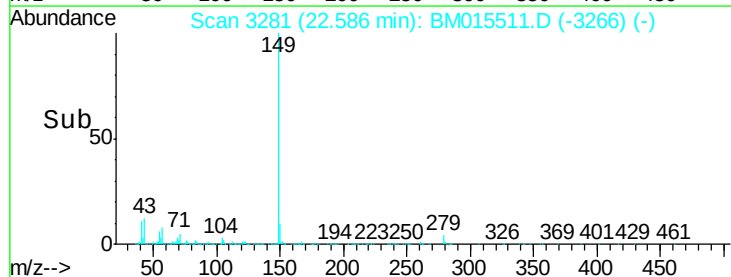
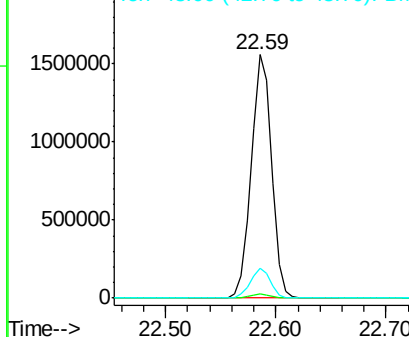


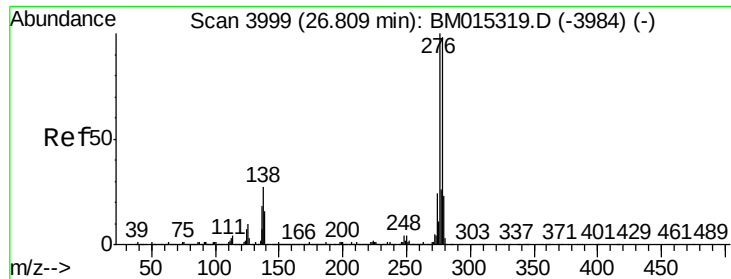
#84
 Di-n-octyl phthalate
 Concen: 45.446 ng
 RT: 22.59 min Scan# 3281
 Delta R.T. -0.01 min
 Lab File: BM015511.D
 Acq: 07 Jun 2018 05:18

Tgt Ion:149 Resp: 2013699
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 12.1 7.3 10.9#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BM0





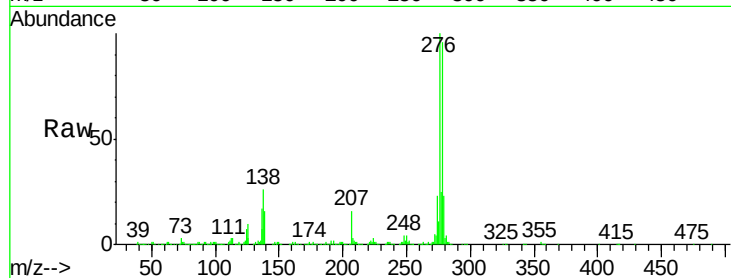
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.817 ng
RT: 26.71 min Scan# 3983
Delta R.T. -0.03 min
Lab File: BM015511.D
Acq: 07 Jun 2018 05:18

Instrument :
BNA_M
ClientSampleId :
OILY-STONESMSD

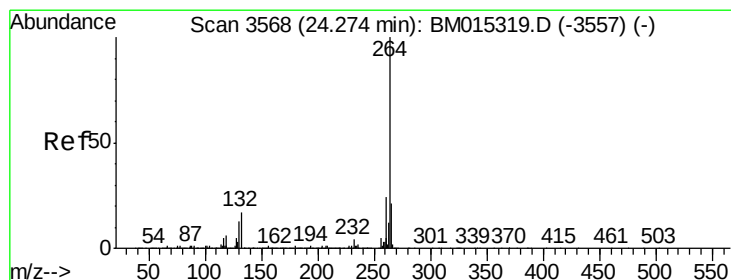
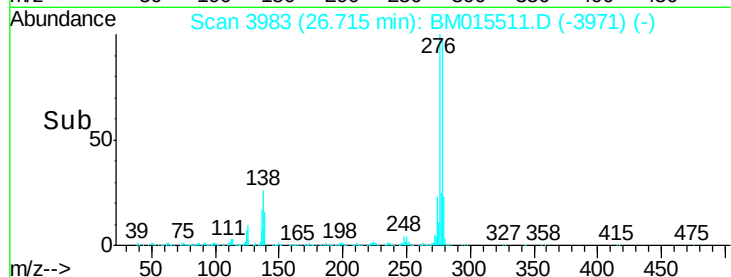
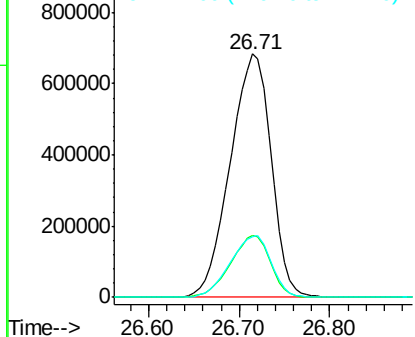
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.7	12.0	18.0#
277	25.3	20.0	30.0

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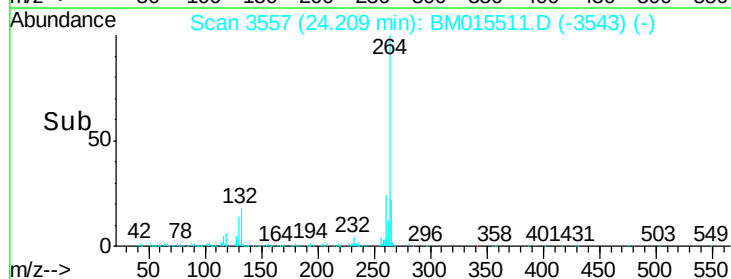
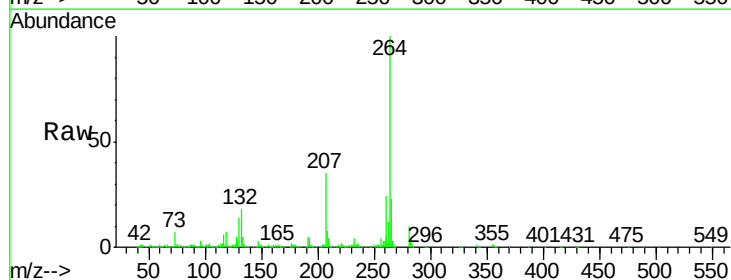
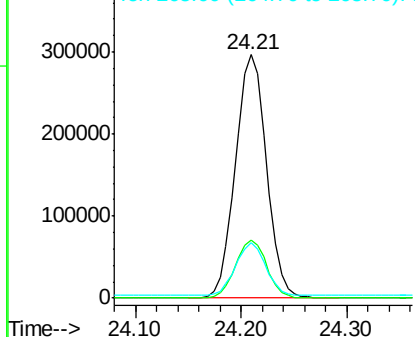
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

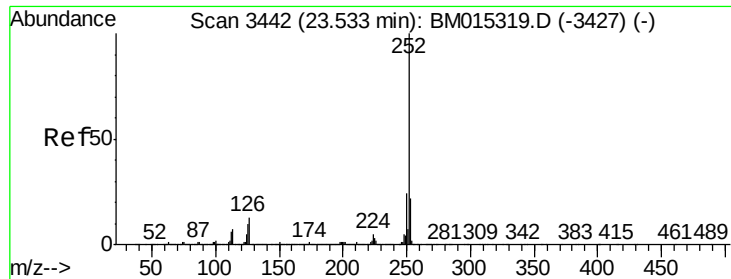


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.21 min Scan# 3557
Delta R.T. -0.02 min
Lab File: BM015511.D
Acq: 07 Jun 2018 05:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	27.8
265	22.7	17.3	25.9

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





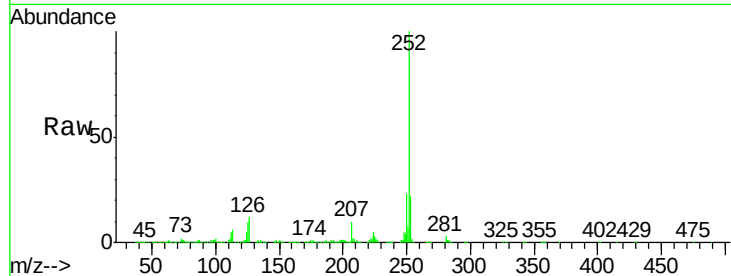
#87
Benzo(b)fluoranthene
Concen: 49.356 ng
RT: 23.48 min Scan# 3433
Delta R.T. -0.01 min
Lab File: BM015511.D
Acq: 07 Jun 2018 05:18

Instrument :
BNA_M
ClientSampleId :
OILY-STONESMSD

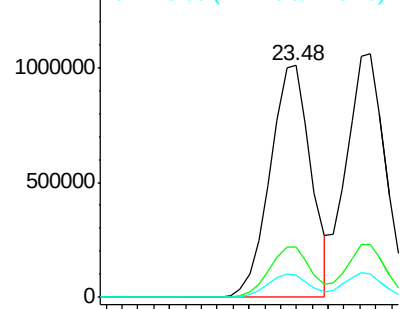
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	9.7	9.9	14.9

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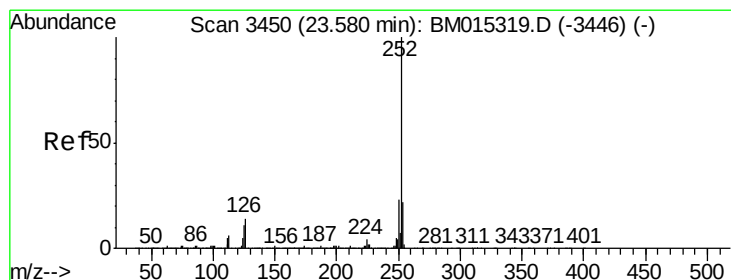
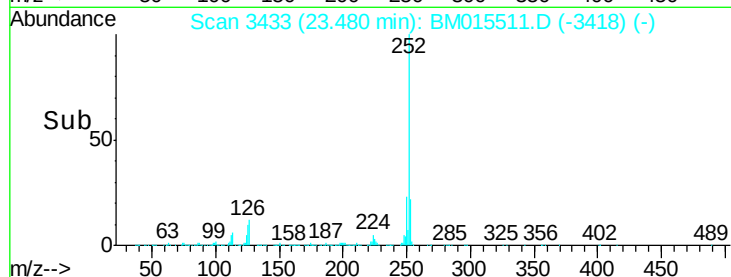
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



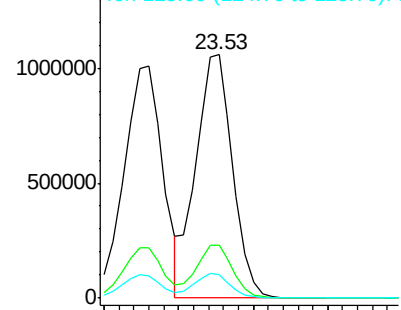
Time-->



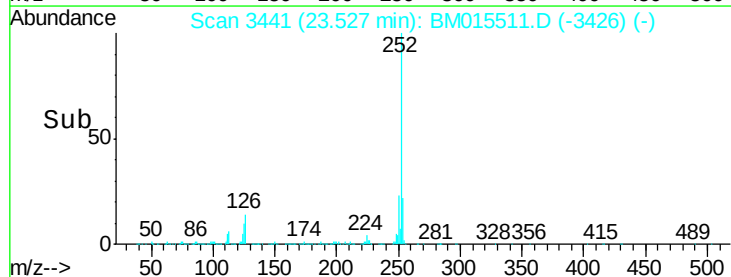
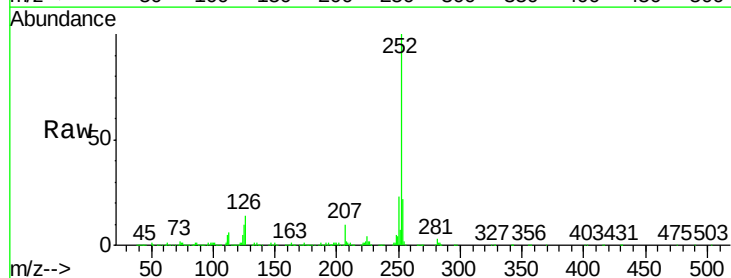
#88
Benzo(k)fluoranthene
Concen: 51.878 ng
RT: 23.53 min Scan# 3441
Delta R.T. -0.01 min
Lab File: BM015511.D
Acq: 07 Jun 2018 05:18

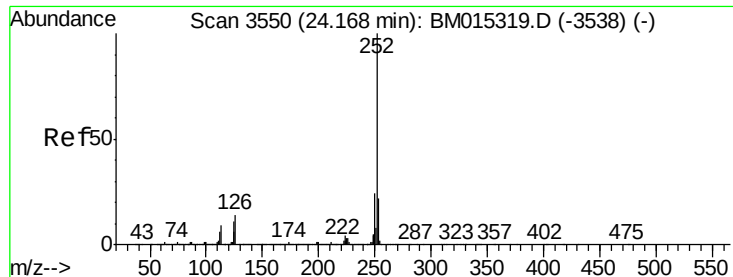
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	9.6	8.1	12.1

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



Time-->





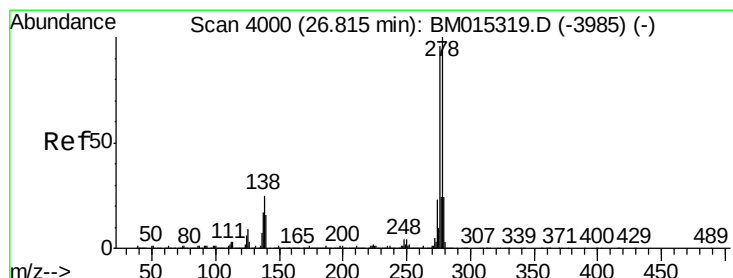
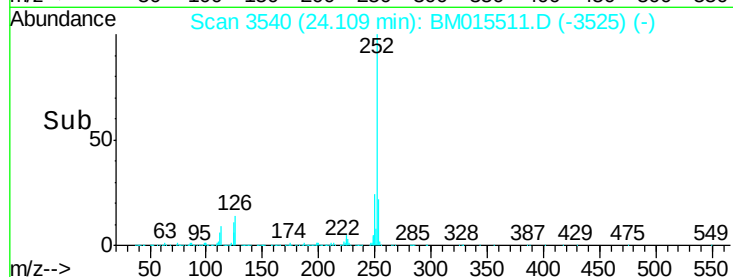
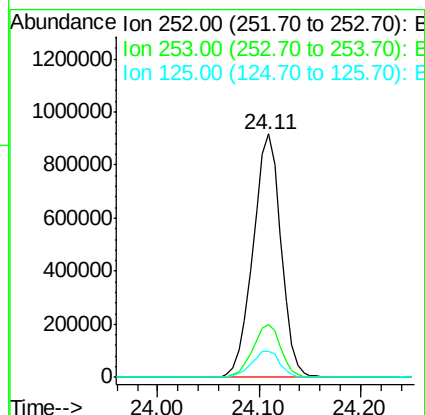
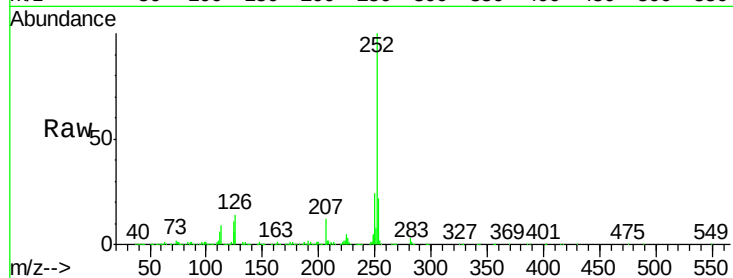
#89
Benzo(a)pyrene
Concen: 49.607 ng
RT: 24.11 min Scan# 3540
Delta R.T. -0.01 min
Lab File: BM015511.D
Acq: 07 Jun 2018 05:18

Instrument :
BNA_M
ClientSampleId :
OILY-STONESMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	10.9	7.4	11.2

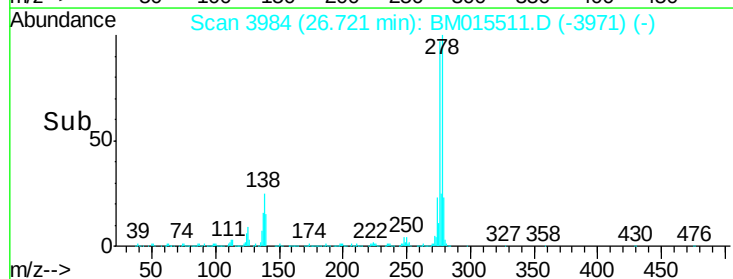
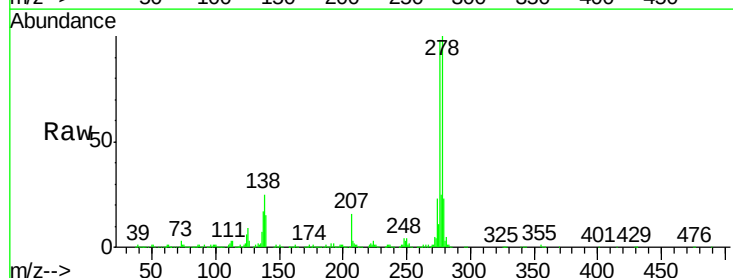
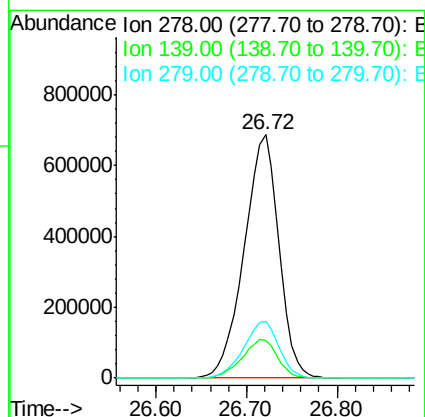
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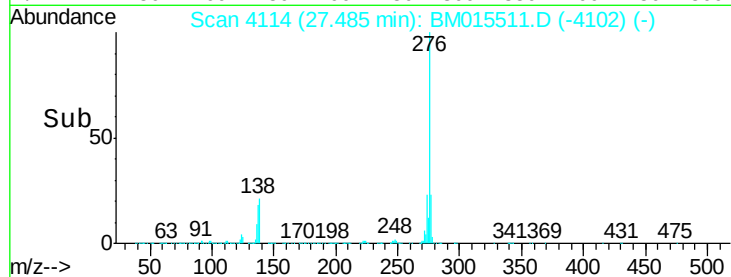
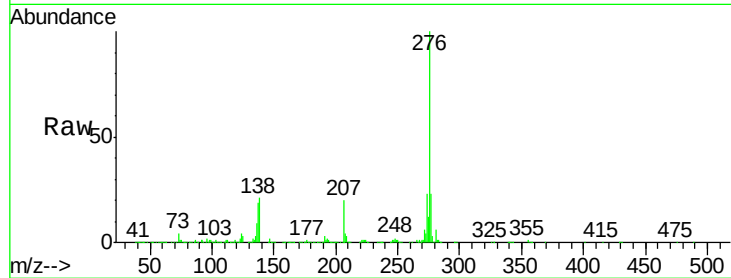
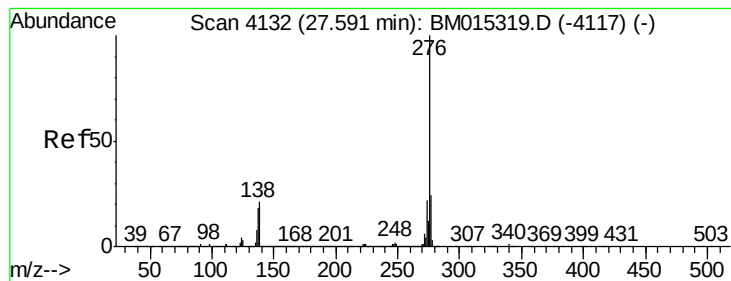
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#90
Dibenzo(a,h)anthracene
Concen: 49.406 ng
RT: 26.72 min Scan# 3984
Delta R.T. -0.02 min
Lab File: BM015511.D
Acq: 07 Jun 2018 05:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.3	13.4	20.0
279	23.5	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 48.893 ng

RT: 27.49 min Scan# 4114

Delta R.T. -0.03 min

Lab File: BM015511.D

Acq: 07 Jun 2018 05:18

Tot Ion:	276	Resp:	1746806
Ion Ratio	Lower	Upper	
276	100		
277	23.4	18.5	27.7
138	21.0	19.0	28.6

Instrument :

BNA_M

ClientSampleId :

OILY-STONESMSD

Manual Integrations
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