

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
 Data File : BF111257.D
 Acq On : 10 Dec 2018 22:09
 Operator : JU/SJ
 Sample : J6237-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-2MS

Manual Integrations
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Sohil
 12/11/2018 2:23:40 PM

Quant Time: Dec 11 06:02:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	464357	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1761782	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	582652	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1123386	20.00	ng	0.00
76) Chrysene-d12	13.96	240	641374	20.00	ng	0.00
87) Perylene-d12	15.40	264	434271	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	3602392	122.50	ng	0.02
7) Phenol-d6	6.45	99	4276304	117.01	ng	0.01
23) Nitrobenzene-d5	7.37	82	2686068	85.51	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	631004	122.26	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3194105	100.84	ng	0.00
79) Terphenyl-d14	12.91	244	2059510	77.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	492633	32.650	ng	97
3) Pyridine	3.33	79	1344947	33.553	ng	99
4) n-Nitrosodimethylamine	3.26	42	734989	43.005	ng	97
6) Aniline	6.46	93	471772	9.682	ng	# 13
8) 2-Chlorophenol	6.59	128	1208520	36.155	ng	99
9) Benzaldehyde	6.35	77	560022	23.436	ng	99
10) Phenol	6.46	94	1663955	38.939	ng	98
11) bis(2-Chloroethyl)ether	6.54	93	1300370	39.347	ng	98
12) 1,3-Dichlorobenzene	6.75	146	1253678	34.906	ng	99
13) 1,4-Dichlorobenzene	6.82	146	1283856	35.402	ng	98
14) 1,2-Dichlorobenzene	6.97	146	1162191	34.359	ng	98
15) Benzyl Alcohol	6.95	79	1063869	36.786	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	2249054	36.348	ng	99
17) 2-Methylphenol	7.06	107	1022172	37.456	ng	98
18) Hexachloroethane	7.32	117	463514	33.570	ng	91
19) n-Nitroso-di-n-propylamine	7.22	70	857989	35.047	ng	94
20) 3+4-Methylphenols	7.21	107	1198411	36.920	ng	95
22) Acetophenone	7.21	105	1616610	40.103	ng	100
24) Nitrobenzene	7.39	77	1269929	38.846	ng	96
25) Isophorone	7.63	82	2165469	40.477	ng	99
26) 2-Nitrophenol	7.70	139	620989	38.232	ng	95
27) 2,4-Dimethylphenol	7.74	122	1061317	42.285	ng	97
28) bis(2-Chloroethoxy)methane	7.83	93	1481176	39.981	ng	99
29) 2,4-Dichlorophenol	7.95	162	952292	37.106	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	960278	37.986	ng	99
31) Naphthalene	8.11	128	3135463	40.778	ng	99
32) Benzoic acid	7.82	122	168583	8.122	ng	97
33) 4-Chloroaniline	8.16	127	284294	7.698	ng	98
34) Hexachlorobutadiene	8.23	225	497395	35.644	ng	99
35) Caprolactam	8.52	113	347261m	38.185	ng	
36) 4-Chloro-3-methylphenol	8.64	107	951705	36.219	ng	97
37) 2-Methylnaphthalene	8.80	142	2132786	41.779	ng	99
38) 1-Methylnaphthalene	8.90	142	2005529	40.116	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	769607	47.470	ng	99

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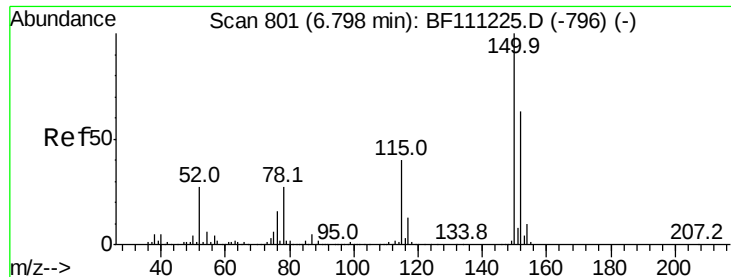
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Quant Time: Dec 11 06:02:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	309358	33.506	ng	100
43) 2,4,6-Trichlorophenol	9.08	196	509805	41.892	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	485082	38.264	ng	96
46) 1,1'-Biphenyl	9.27	154	1901671	40.215	ng	95
47) 2-Chloronaphthalene	9.29	162	1483137	38.903	ng	96
48) 2-Nitroaniline	9.38	65	503249	38.696	ng	96
49) Acenaphthylene	9.70	152	2202491	39.795	ng	97
50) Dimethylphthalate	9.56	163	1919571	44.650	ng	99
51) 2,6-Dinitrotoluene	9.62	165	370482	39.022	ng	87
52) Acenaphthene	9.87	154	1503475	43.288	ng	99
53) 3-Nitroaniline	9.79	138	176518	15.063	ng	93
54) 2,4-Dinitrophenol	9.89	184	198163	52.818	ng	97
55) Dibenzofuran	10.05	168	1952331	41.318	ng	99
56) 4-Nitrophenol	9.95	139	548334	60.079	ng	95
57) 2,4-Dinitrotoluene	10.02	165	460878	39.377	ng	90
58) Fluorene	10.39	166	1716527	46.945	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	424101	44.134	ng	# 100
60) Diethylphthalate	10.26	149	2012820	49.109	ng	99
61) 4-Chlorophenyl-phenylether	10.38	204	765848	42.184	ng	95
62) 4-Nitroaniline	10.40	138	385047	34.726	ng	99
63) Azobenzene	10.55	77	1787967	42.017	ng	97
65) 4,6-Dinitro-2-methylphenol	10.43	198	188500	28.748	ng	87
66) n-Nitrosodiphenylamine	10.50	169	1583022	41.396	ng	100
67) 4-Bromophenyl-phenylether	10.87	248	450205	36.589	ng	93
68) Hexachlorobenzene	10.94	284	460394	36.782	ng	# 92
69) Atrazine	11.03	200	476368	40.965	ng	98
70) Pentachlorophenol	11.13	266	521116	57.391	ng	95
71) Phenanthrene	11.35	178	2463567	43.478	ng	97
72) Anthracene	11.40	178	2324896	39.219	ng	98
73) Carbazole	11.55	167	2094542	33.790	ng	97
74) Di-n-butylphthalate	11.89	149	2005145	31.472	ng	97
75) Fluoranthene	12.53	202	1630513	31.501	ng	99
77) Benzidine	12.65	184	366898	19.266	ng	98
78) Pyrene	12.76	202	1660773	36.235	ng	97
80) Butylbenzylphthalate	13.39	149	969277	40.489	ng	96
81) Benzo(a)anthracene	13.95	228	1492225	41.703	ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	285359	19.457	ng	98
83) Chrysene	13.99	228	1505998	40.826	ng	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	1159951	40.777	ng	99
85) Di-n-octyl phthalate	14.57	149	2163518	45.376	ng	# 88
86) Indeno(1,2,3-cd)pyrene	16.82	276	1119697	37.603	ng	98
88) Benzo(b)fluoranthene	14.99	252	1080435	44.988	ng	99
89) Benzo(k)fluoranthene	15.02	252	974516	43.159	ng	100
90) Benzo(a)pyrene	15.34	252	931842	42.135	ng	99
91) Dibenzo(a,h)anthracene	16.84	278	948448	54.600	ng	99
92) Benzo(g,h,i)perylene	17.25	276	751607	43.224	ng	95

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



#1

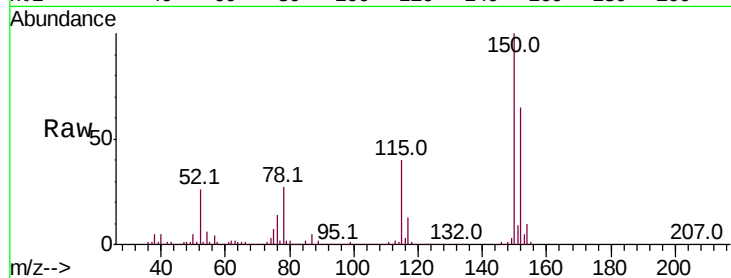
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.01 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.6	189.8
115	62.2	50.7	76.1

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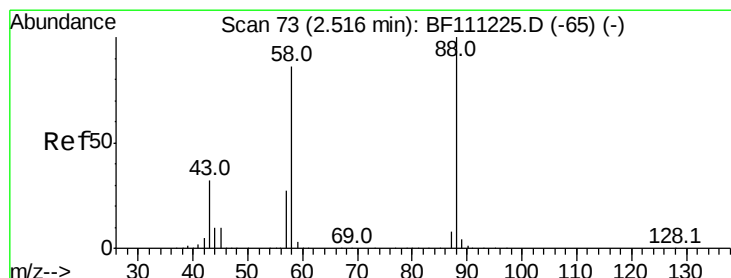
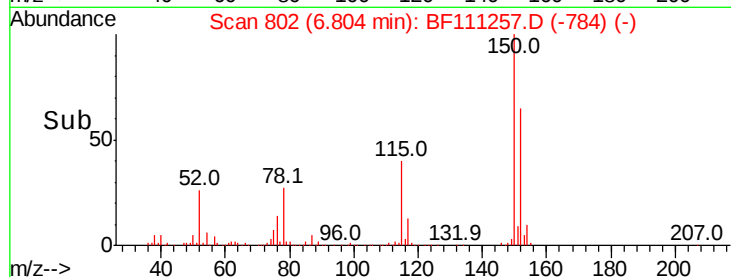
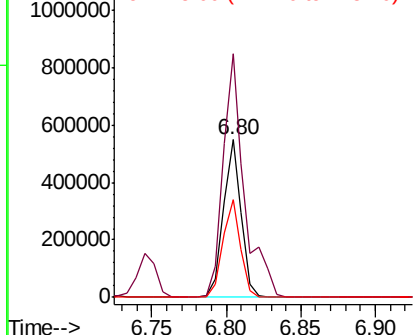


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

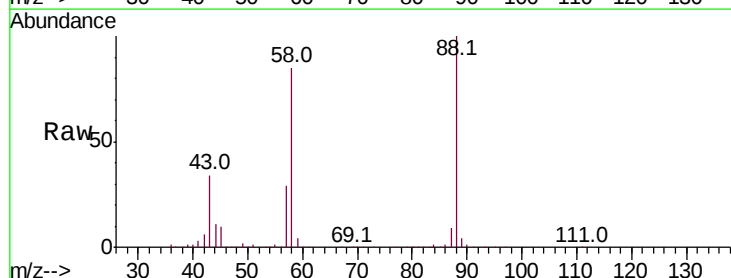
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.650 ng
RT: 2.59 min Scan# 86
Delta R.T. 0.08 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.3	68.9	103.3
43	33.7	25.8	38.6

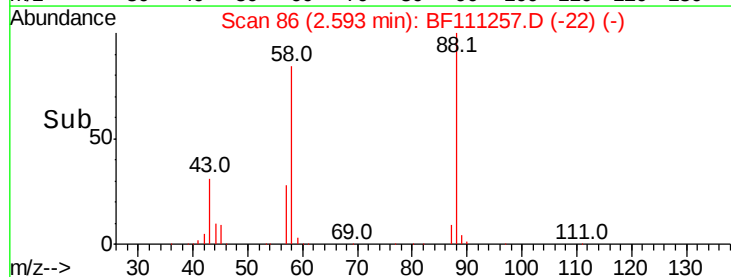
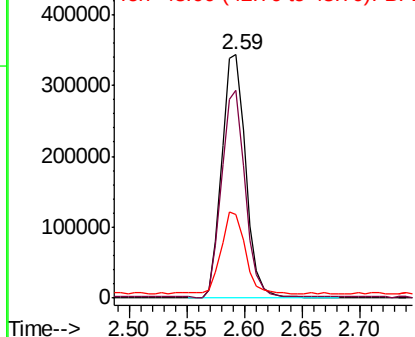


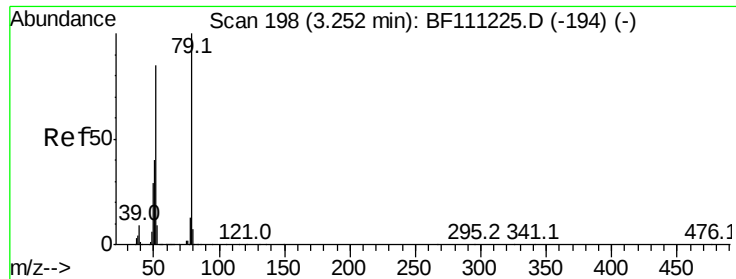
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 33.553 ng

RT: 3.33 min Scan# 211

Delta R.T. 0.08 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

Instrument :

BNA_F

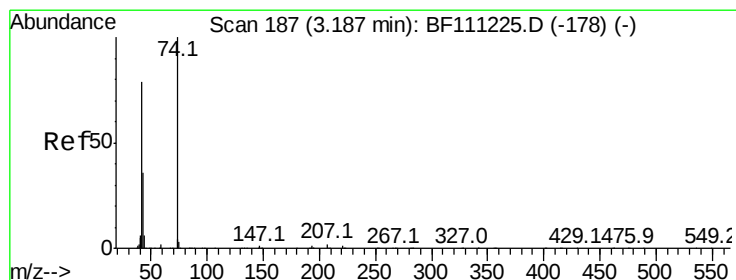
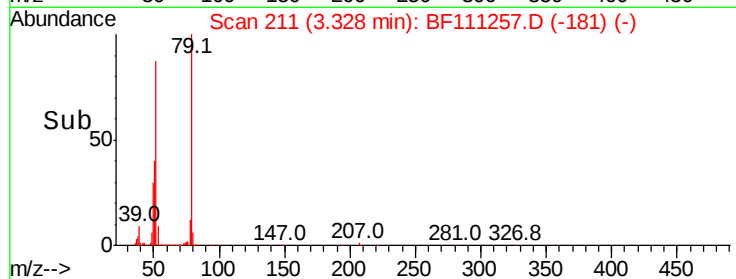
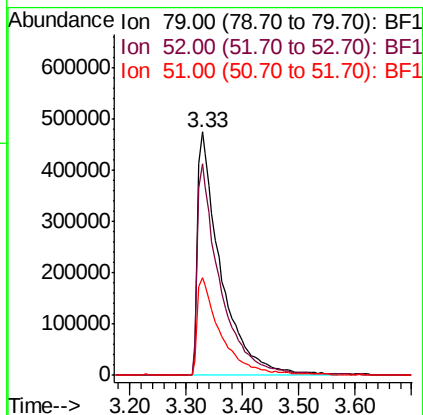
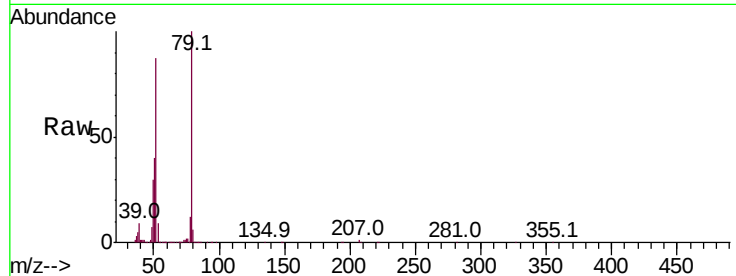
ClientSampleId :

SAMPLE-2MS

Tot Ion:	79	Resp:	1344947
Ion	Ratio	Lower	Upper
79	100		
52	86.7	68.3	102.5
51	40.0	32.6	49.0

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12/11/2018 2:23:40 PM



#4

n-Nitrosodimethylamine

Concen: 43.005 ng

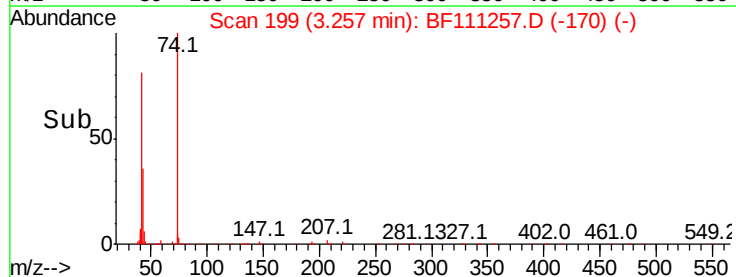
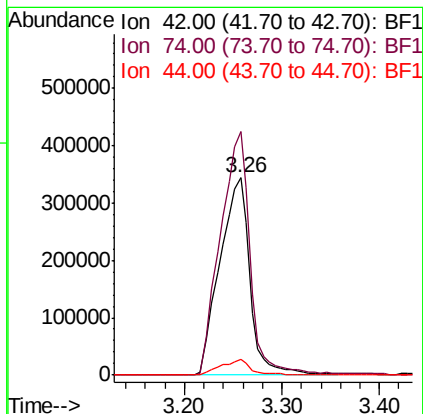
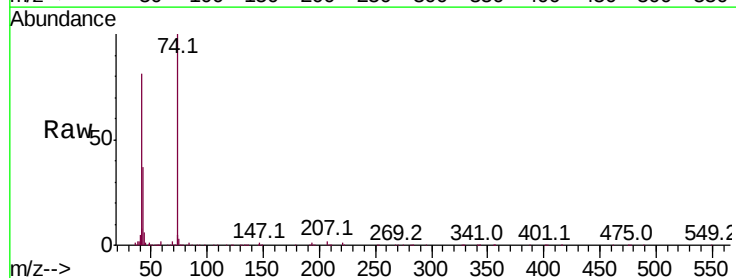
RT: 3.26 min Scan# 199

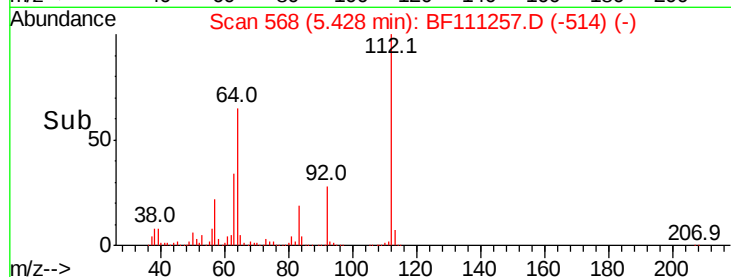
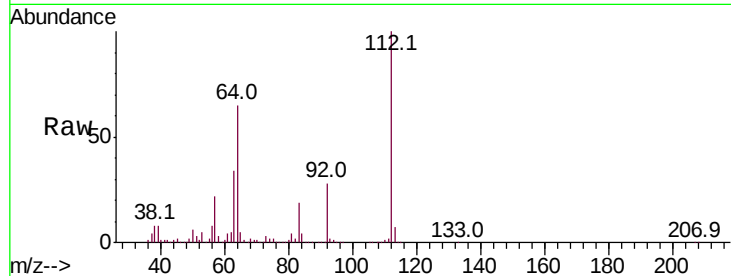
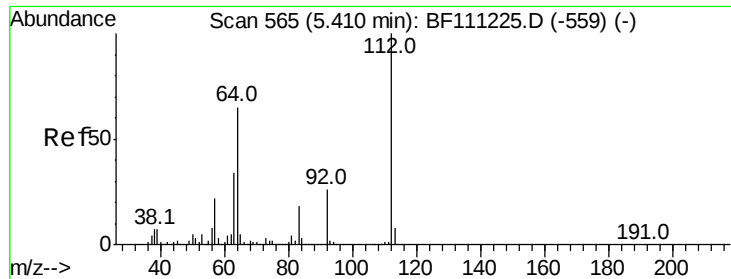
Delta R.T. 0.07 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

Tgt Ion:	42	Resp:	734989
Ion	Ratio	Lower	Upper
42	100		
74	123.3	101.5	152.3
44	7.9	6.0	9.0





#5

2-Fluorophenol

Concen: 122.501 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

Tot Ion:	112	Resp:	3602392
Ion	Ratio	Lower	Upper
112	100		
64	64.8	51.8	77.6
63	34.5	26.8	40.2

Instrument :

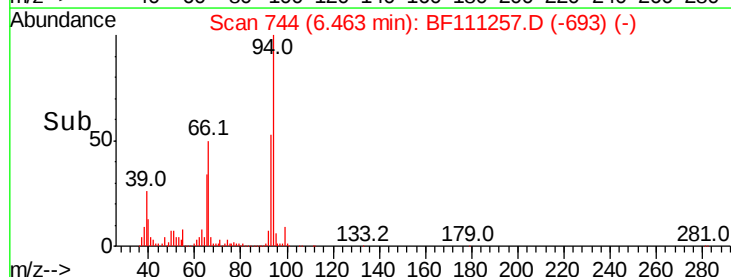
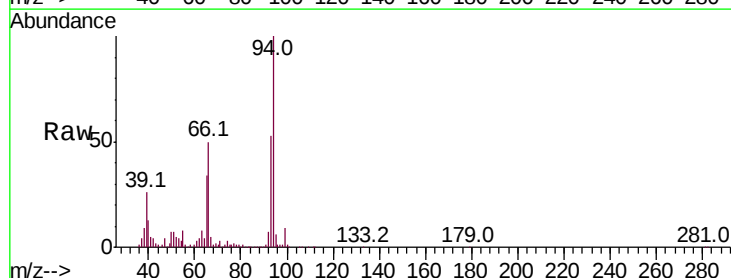
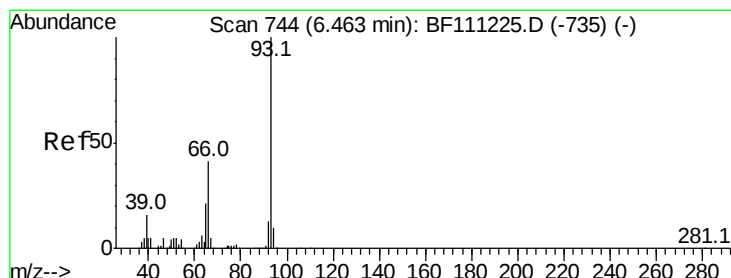
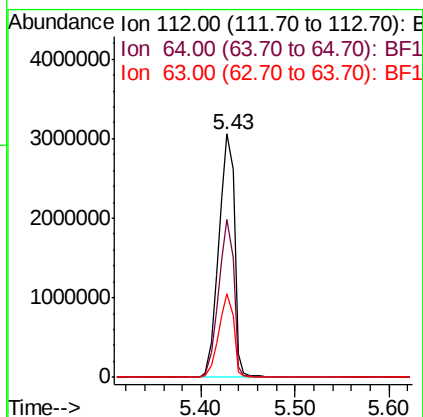
BNA_F

ClientSampleId :

SAMPLE-2MS

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#6

Aniline

Concen: 9.682 ng

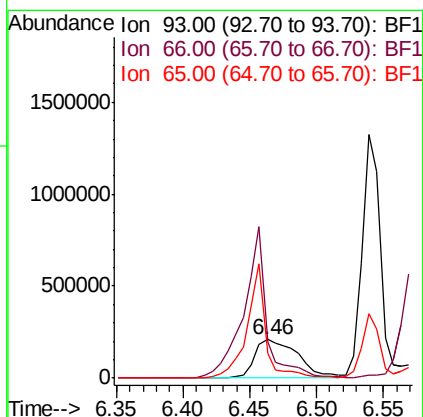
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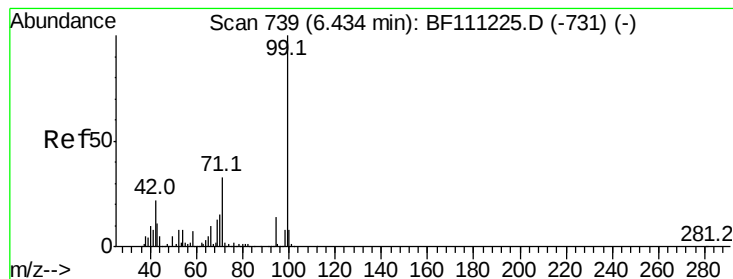
Delta R.T. -0.00 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

Tgt Ion:	93	Resp:	471772
Ion	Ratio	Lower	Upper
93	100		
66	94.3	33.2	49.8#
65	64.4	17.0	25.4#





#7

Phenol-d6

Concen: 117.013 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

Instrument :

BNA_F

ClientSampleId :

SAMPLE-2MS

Tot Ion: 99 Resp: 4276304

Ion Ratio Lower Upper

99 100

42 23.2 17.4 26.0

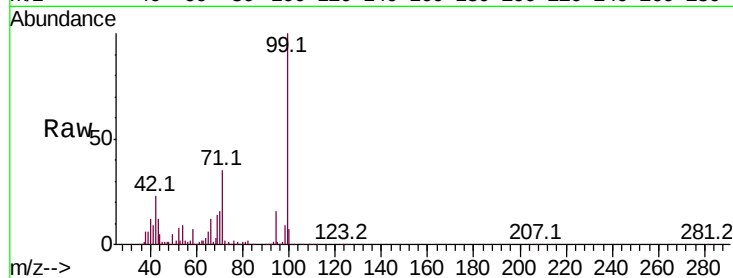
71 35.4 26.1 39.1

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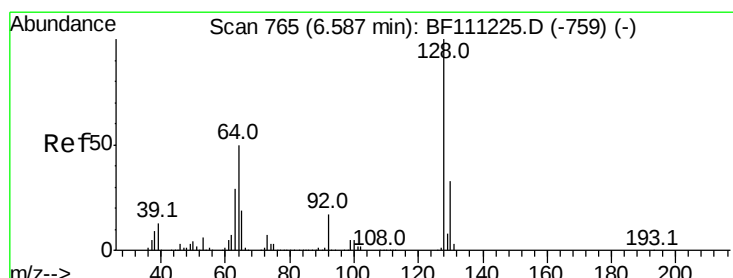
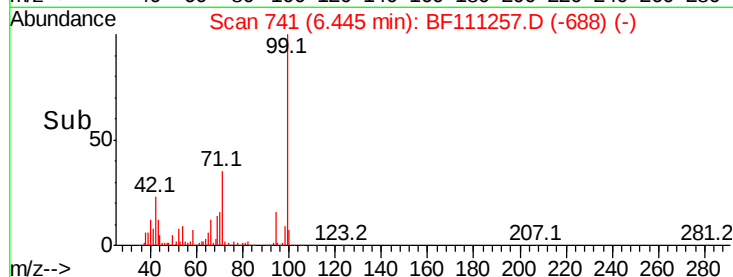
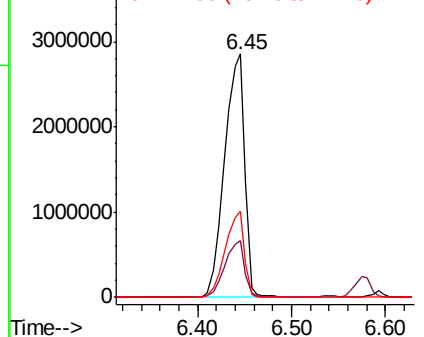
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 36.155 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

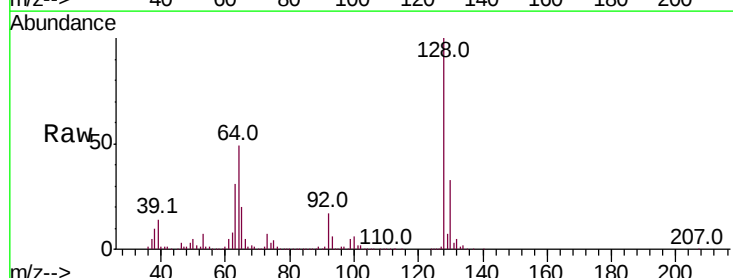
Tgt Ion:128 Resp: 1208520

Ion Ratio Lower Upper

128 100

130 33.2 12.7 52.7

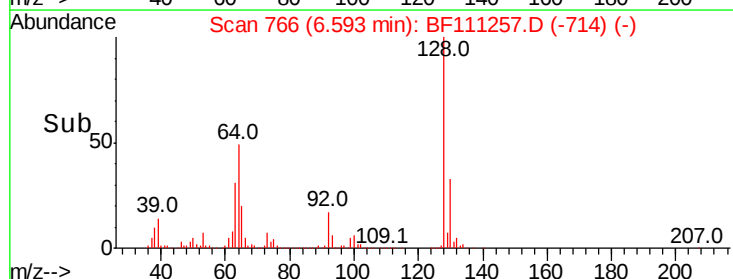
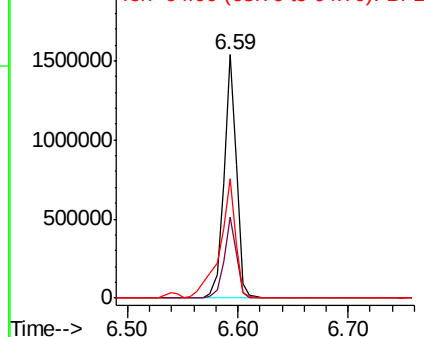
64 49.1 30.0 70.0

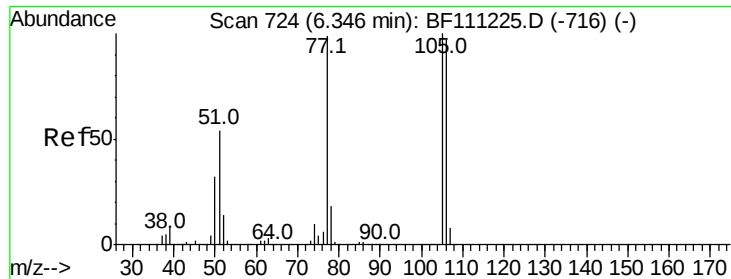


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 23.436 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

Instrument :

BNA_F

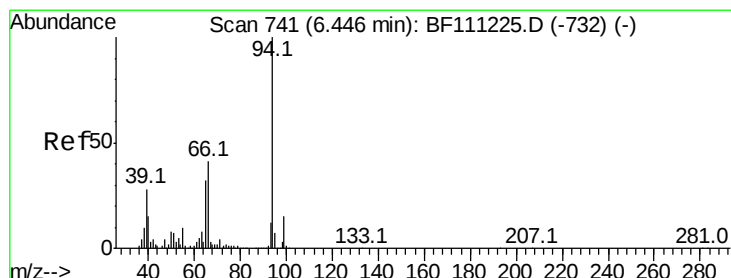
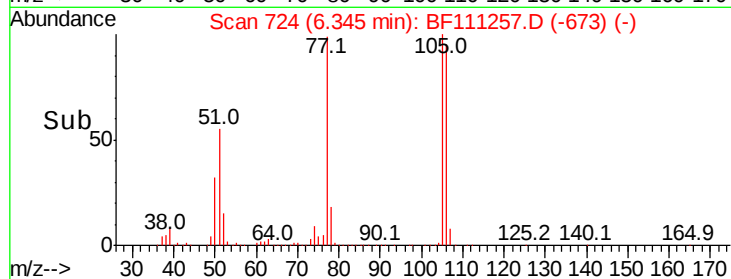
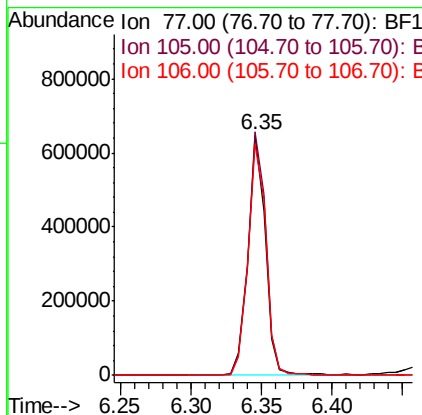
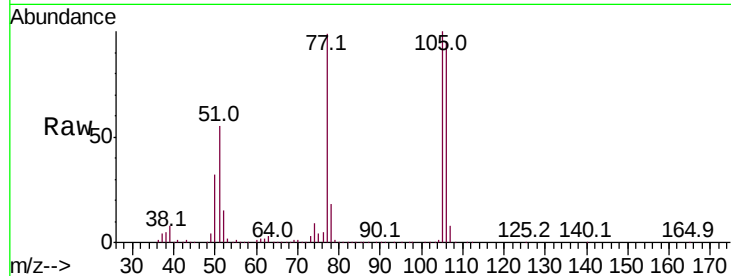
ClientSampleId :

SAMPLE-2MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.3	81.4	121.4
106	96.1	77.9	117.9

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#10

Phenol

Concen: 38.939 ng

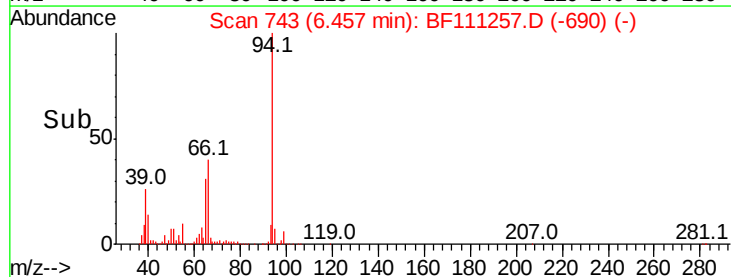
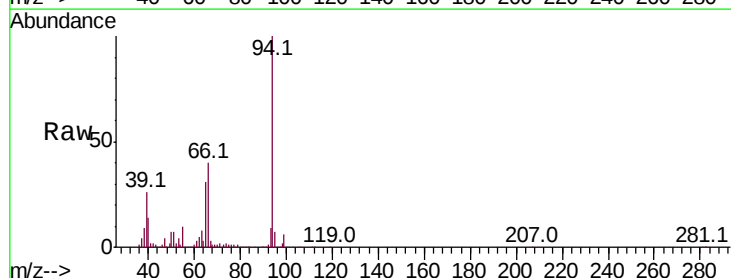
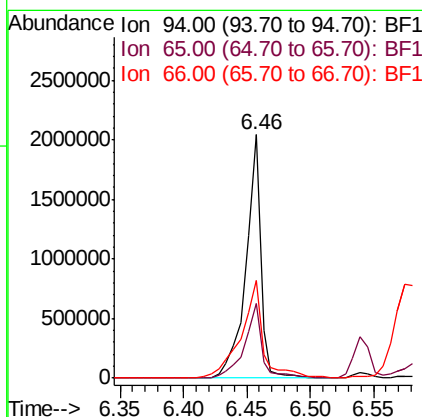
RT: 6.46 min Scan# 743

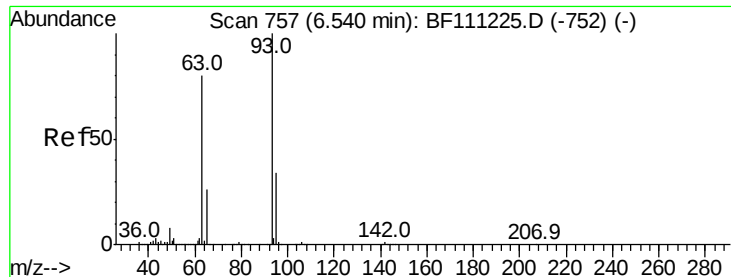
Delta R.T. 0.01 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.6	11.7	51.7
66	40.1	21.0	61.0





#11

bis(2-Chloroethyl)ether

Concen: 39.347 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

Instrument :

BNA_F

ClientSampleId :

SAMPLE-2MS

Tot Ion: 93 Resp: 1300370

Ion Ratio Lower Upper

93 100

63 82.7 60.0 100.0

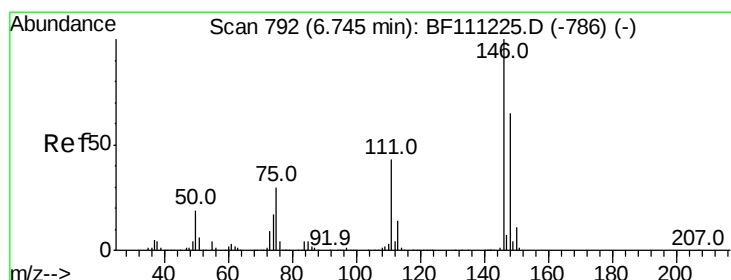
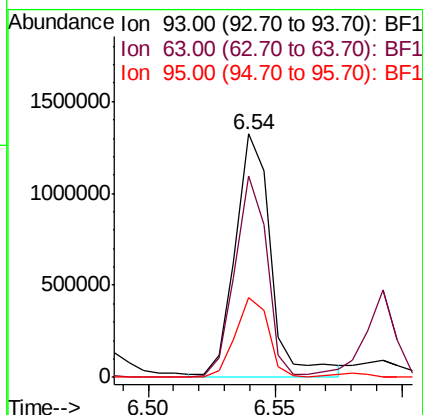
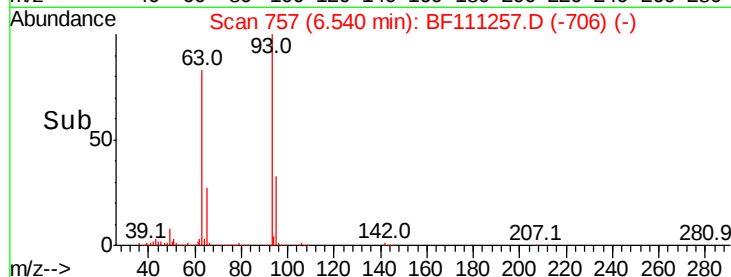
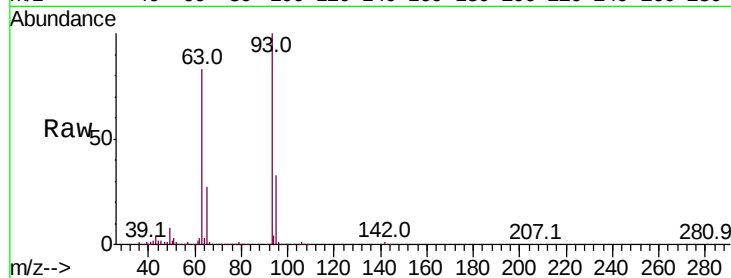
95 32.8 13.4 53.4

Manual Integrations

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#12

1,3-Dichlorobenzene

Concen: 34.906 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

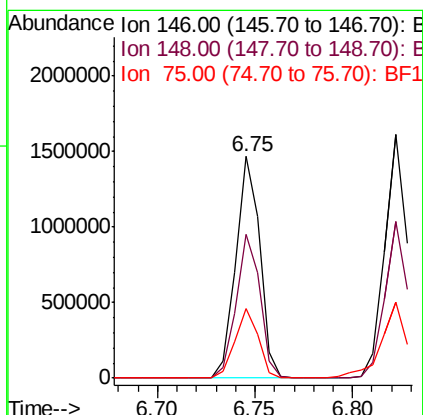
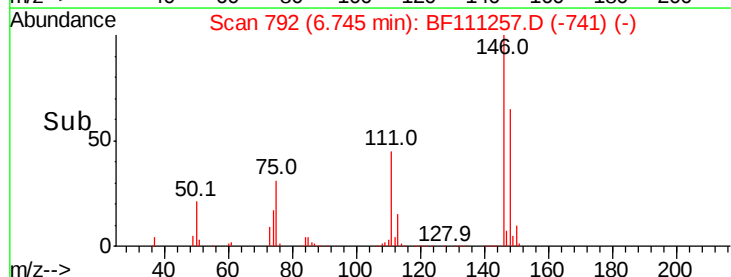
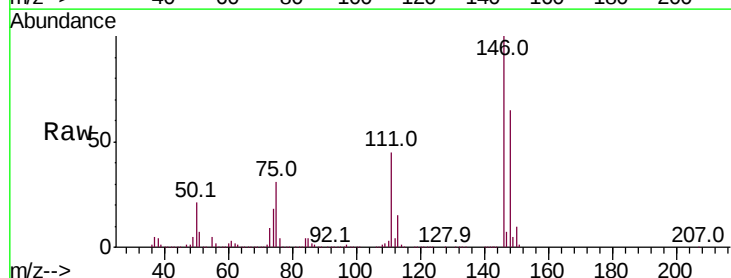
Tgt Ion: 146 Resp: 1253678

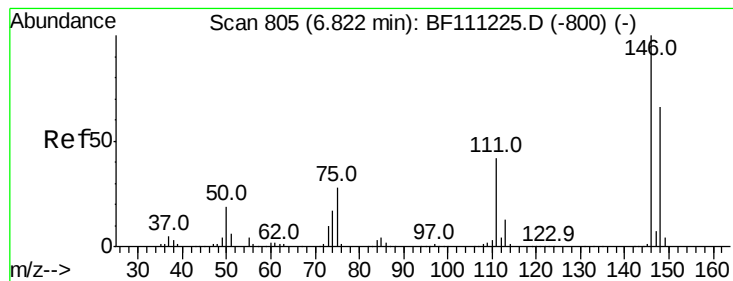
Ion Ratio Lower Upper

146 100

148 64.7 52.1 78.1

75 31.5 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 35.402 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

Instrument :

BNA_F

ClientSampleId :

SAMPLE-2MS

Tot Ion:146 Resp: 1283856

Ion Ratio Lower Upper

146 100

148 64.1 52.8 79.2

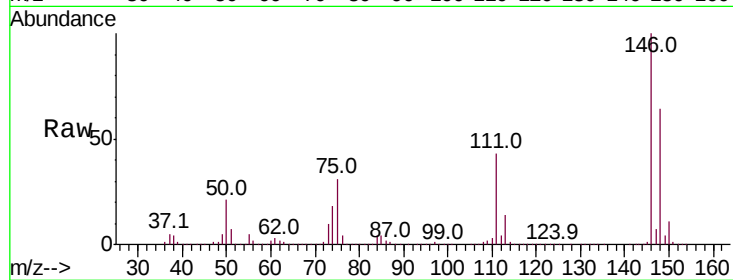
111 42.9 33.4 50.0

Manual Integrations

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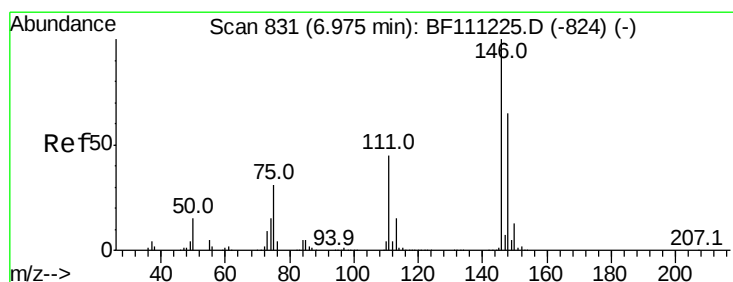
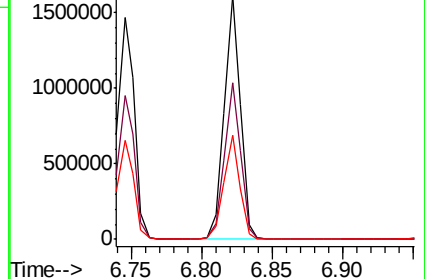
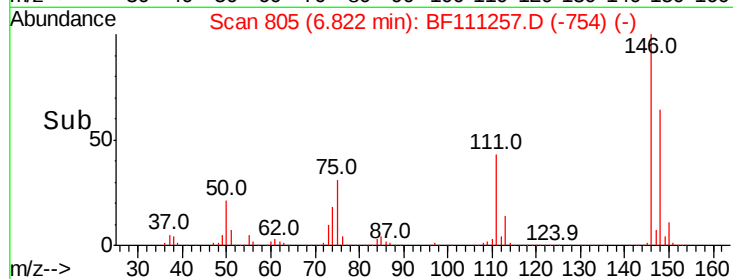
12/11/2018 2:23:40 PM



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 34.359 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

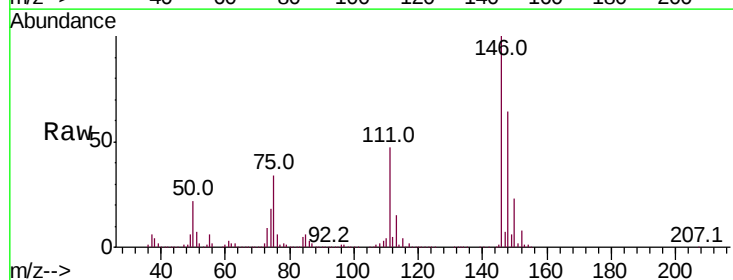
Tgt Ion:146 Resp: 1162191

Ion Ratio Lower Upper

146 100

148 63.6 51.9 77.9

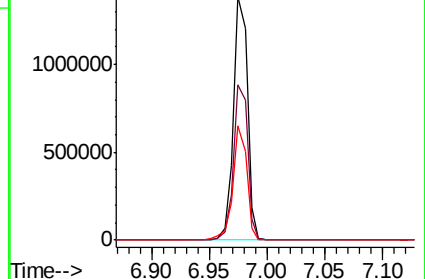
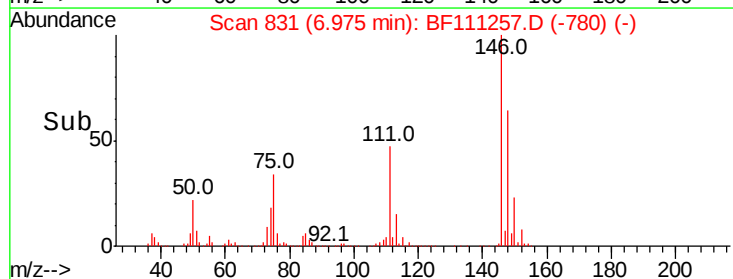
111 46.9 36.2 54.4

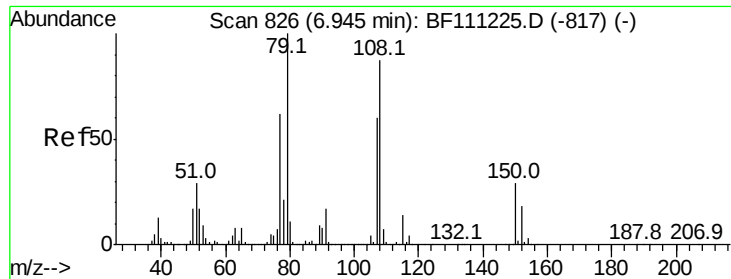


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





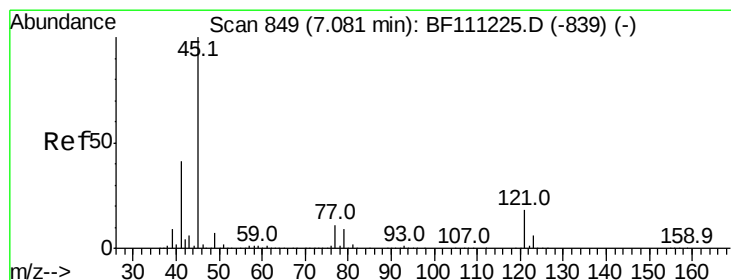
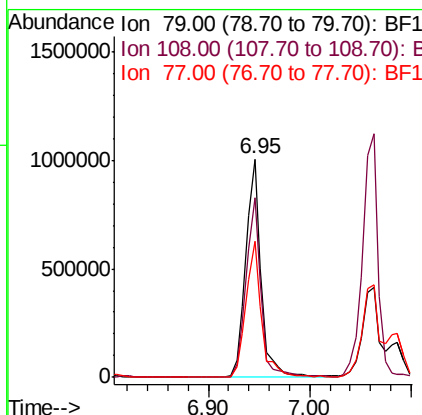
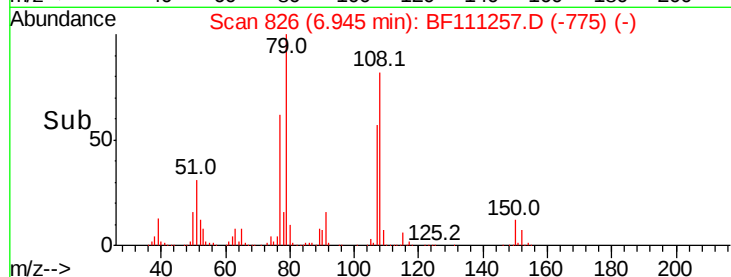
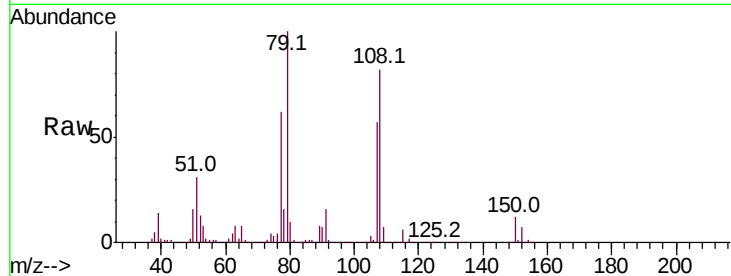
#15
Benzyl Alcohol
Concen: 36.786 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Instrument :
BNA_F
ClientSampled :
SAMPLE-2MS

Tot Ion: 79 Resp: 1063869
Ion Ratio Lower Upper
79 100
108 82.4 69.4 104.2
77 62.0 49.7 74.5

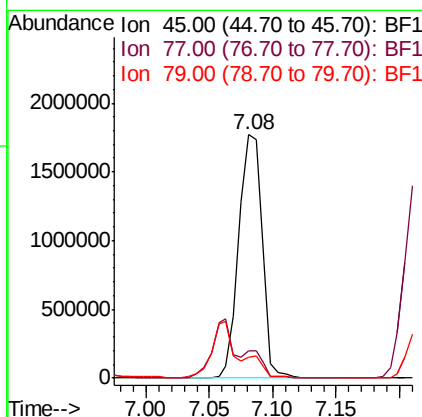
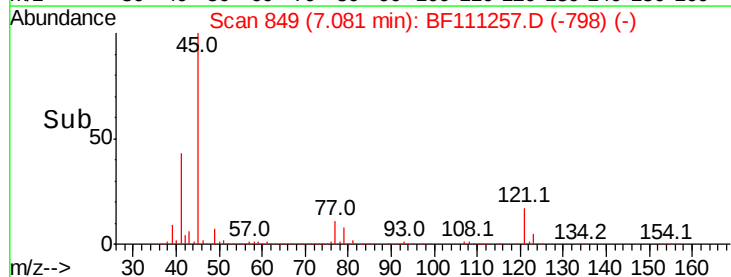
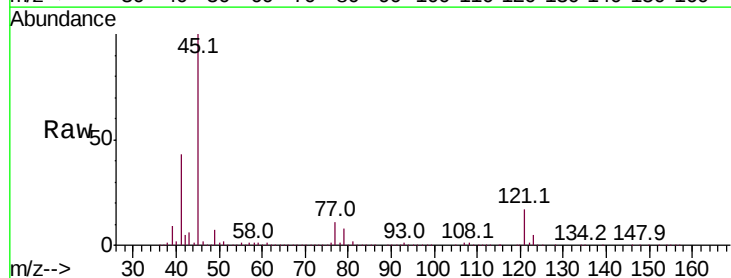
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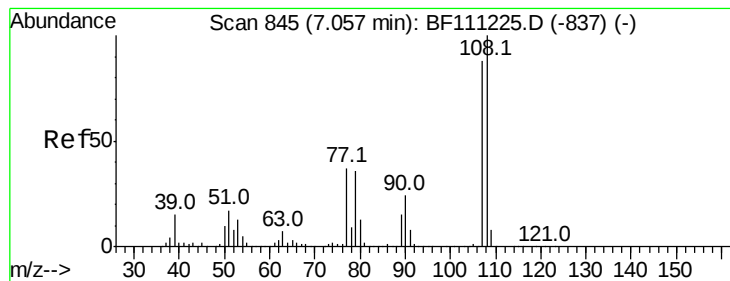
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#16
2,2'-oxybis(1-chloropropane)
Concen: 36.348 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Tgt Ion: 45 Resp: 2249054
Ion Ratio Lower Upper
45 100
77 11.0 0.0 31.5
79 8.4 0.0 28.9





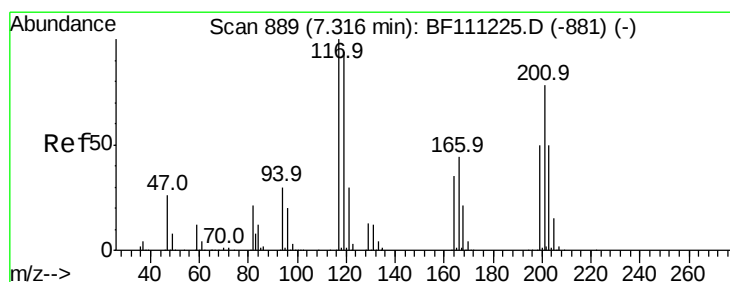
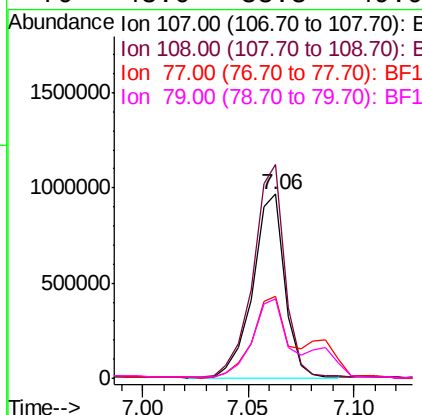
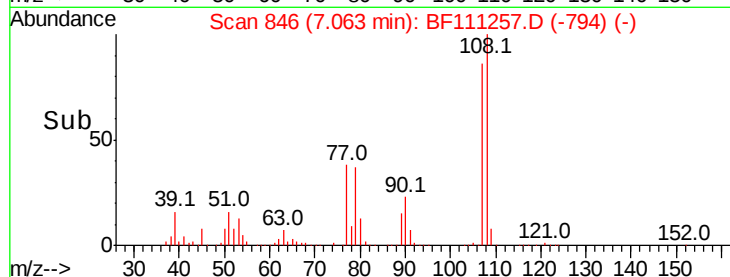
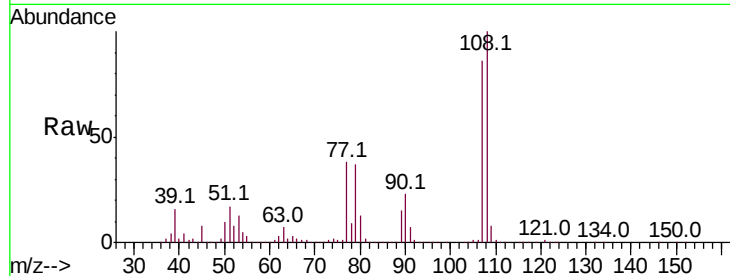
#17
2-Methylphenol
Concen: 37.456 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.9	91.0	136.4
77	44.2	33.5	50.3
79	43.0	33.3	49.9

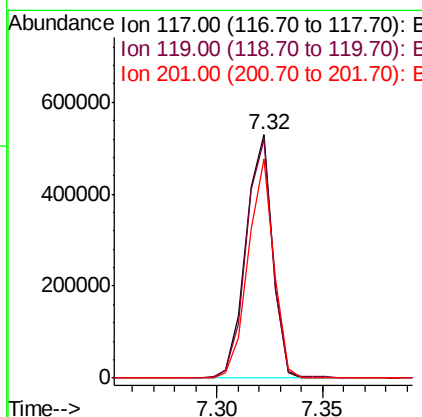
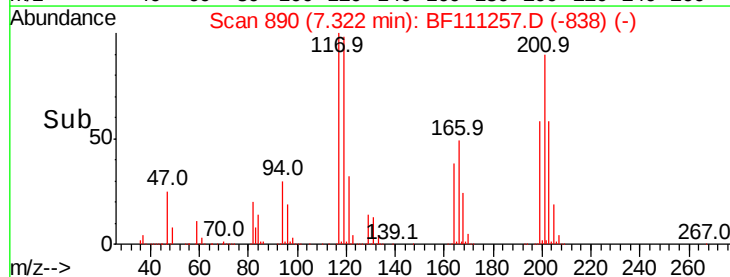
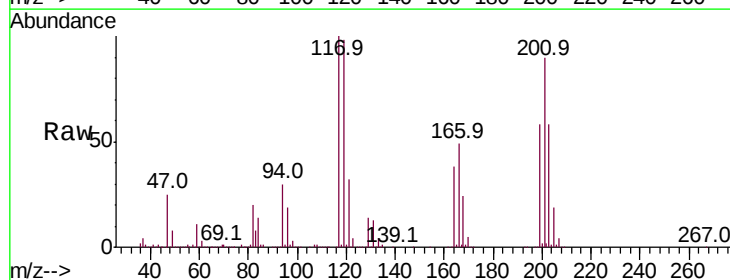
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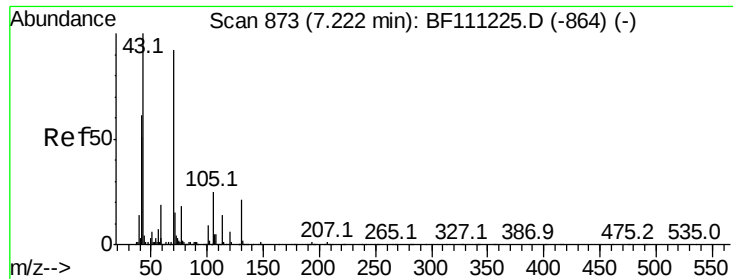
Sohil
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#18
Hexachloroethane
Concen: 33.570 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.01 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	75.4	113.0
201	90.3	62.4	93.6





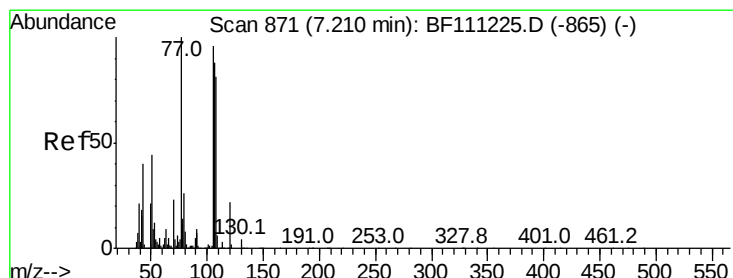
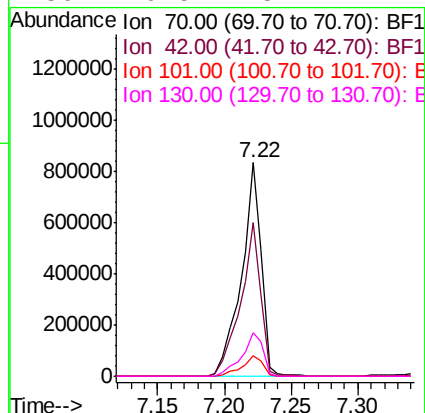
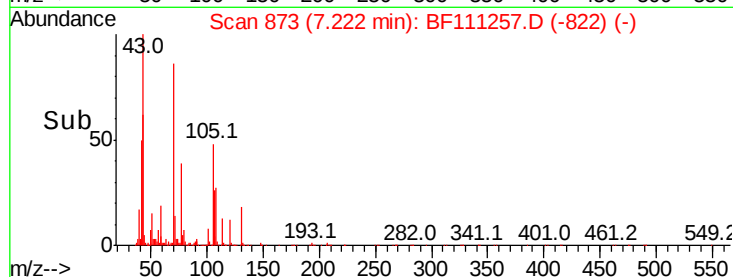
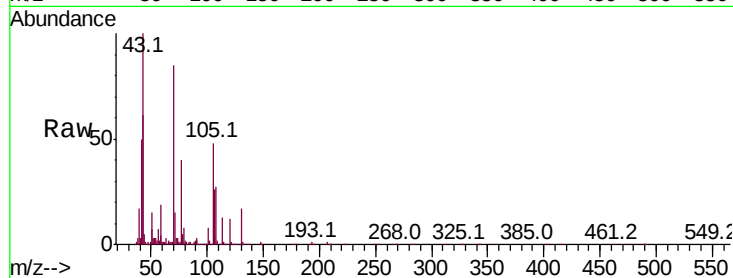
#19
n-Nitroso-di-n-propylamine
Concen: 35.047 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	72.0	53.2	79.8
101	9.7	8.2	12.4
130	20.5	18.1	27.1

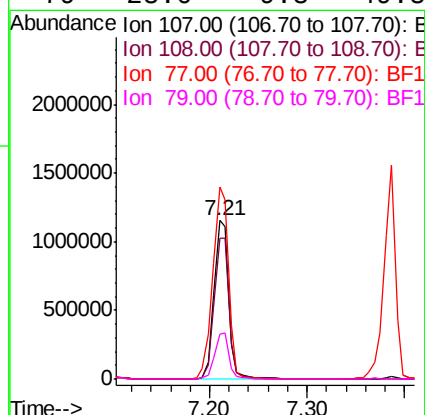
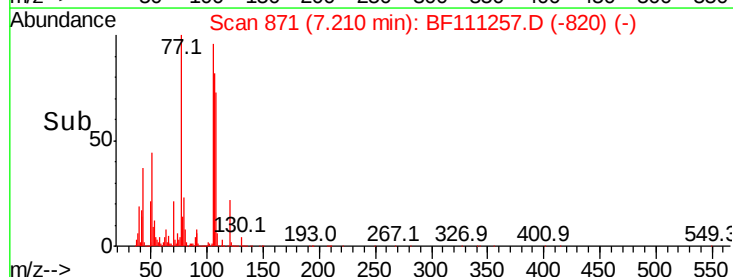
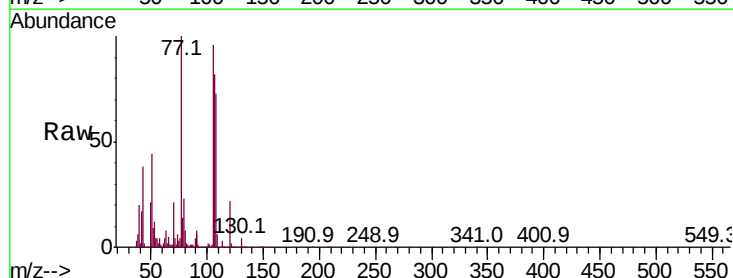
Manual Integrations
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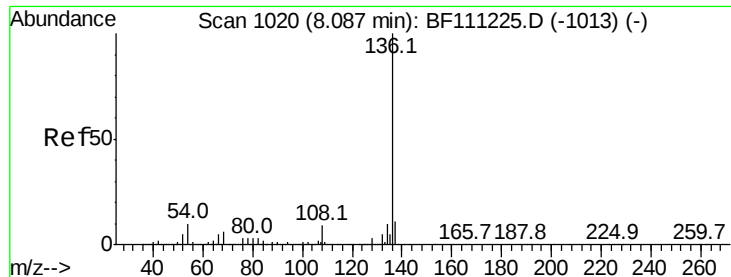
Sohil
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#20
3+4-Methylphenols
Concen: 36.920 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.6	72.1	112.1
77	121.6	94.1	134.1
79	28.0	9.8	49.8





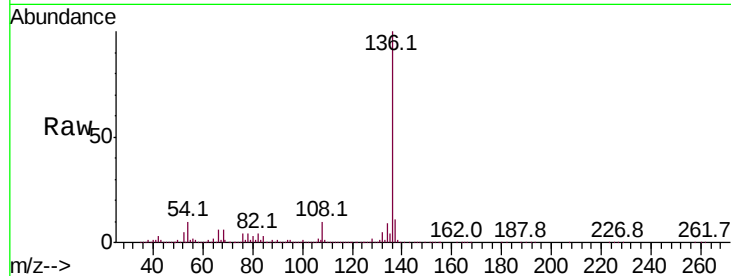
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	10.5	7.7	11.5
68	6.5	4.9	7.3

Manual Integrations
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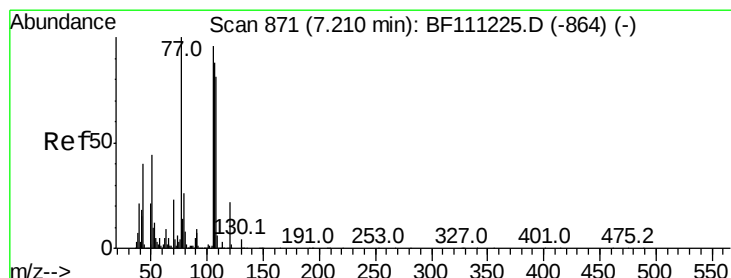
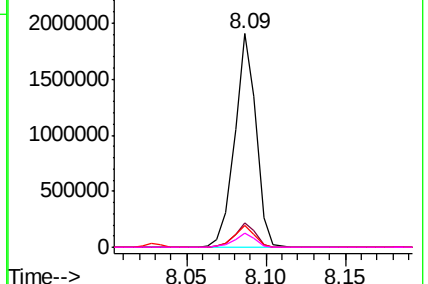
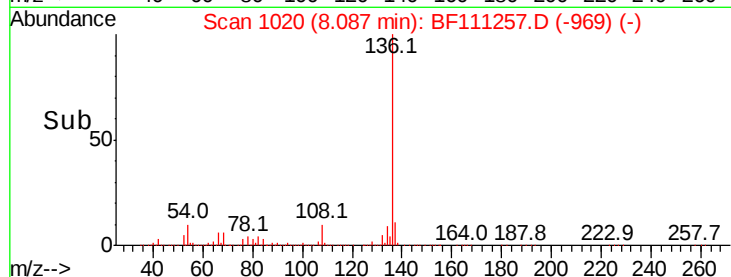
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

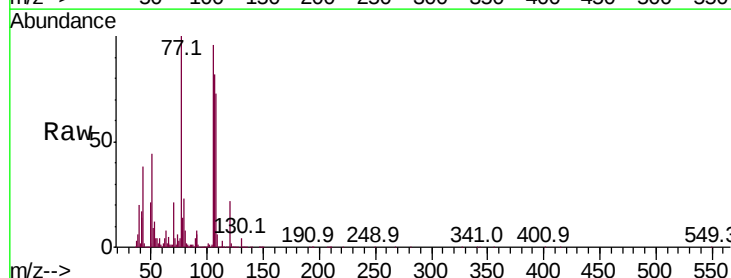
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 40.103 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Tgt Ion	Ratio	Lower	Upper
105	100		
71	3.7	3.1	4.7
51	45.5	36.6	54.8
120	22.7	18.2	27.4



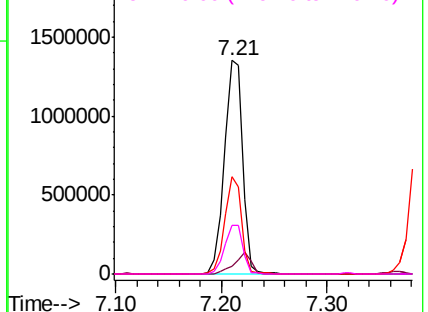
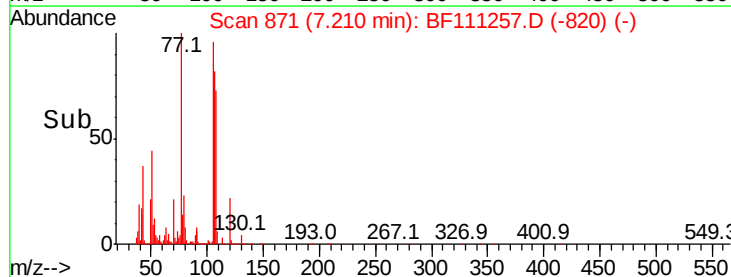
Abundance

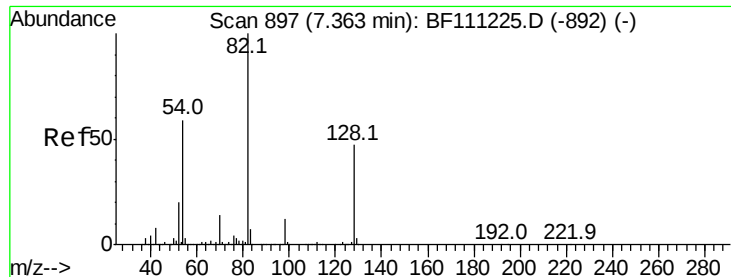
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 85.514 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.01 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

Instrument :

BNA_F

ClientSampleId :

SAMPLE-2MS

Tot Ion: 82 Resp: 2686068

Ion Ratio Lower Upper

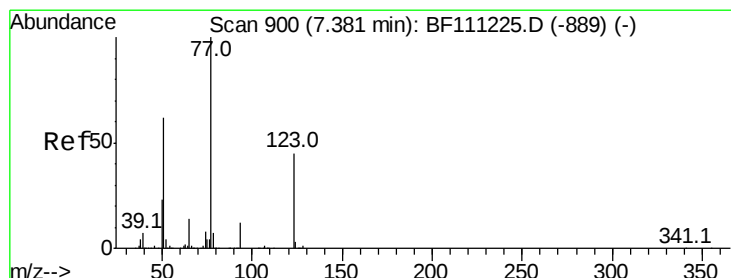
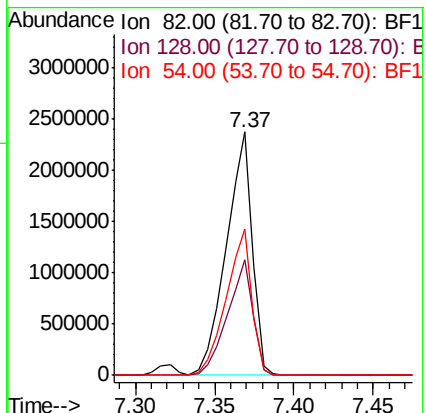
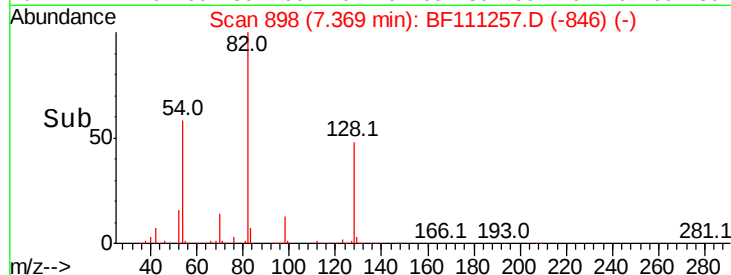
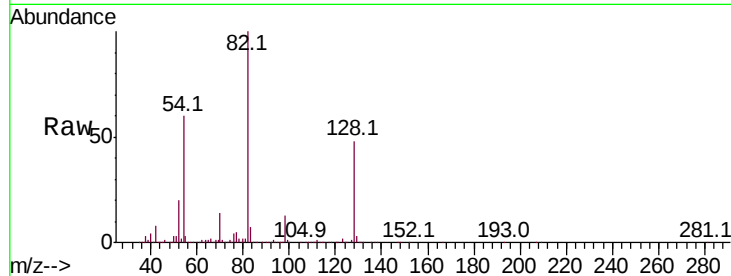
82 100

128 47.7 37.4 56.2

54 60.0 47.6 71.4

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#24

Nitrobenzene

Concen: 38.846 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.01 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

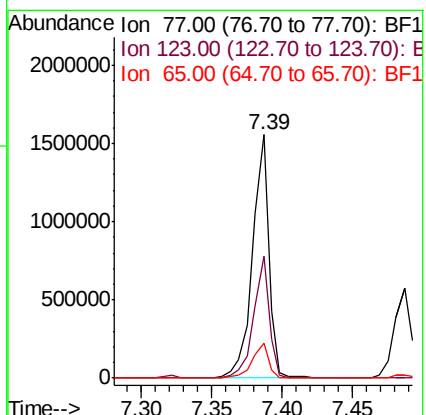
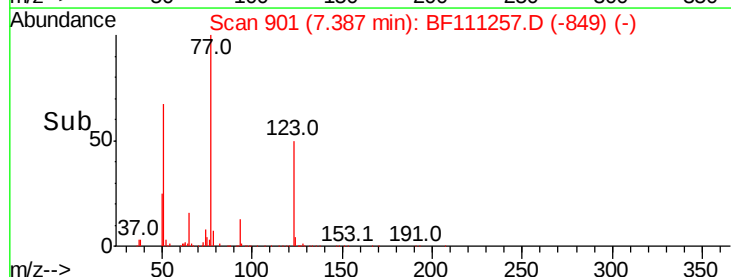
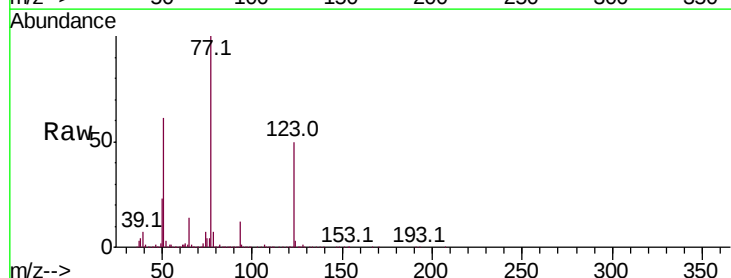
Tgt Ion: 77 Resp: 1269929

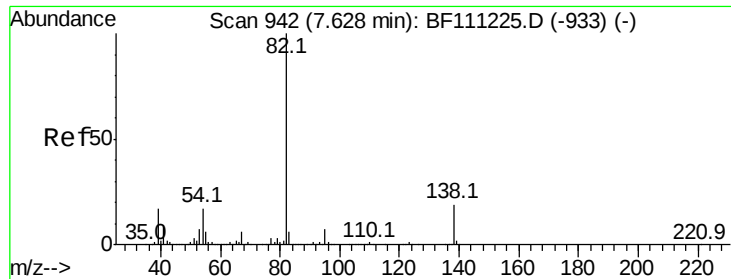
Ion Ratio Lower Upper

77 100

123 50.0 37.2 55.8

65 14.5 11.5 17.3





#25

Isophorone

Concen: 40.477 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

Instrument :

BNA_F

ClientSampleId :

SAMPLE-2MS

Tot Ion: 82 Resp: 2165469

Ion Ratio Lower Upper

82 100

95 7.4 5.4 8.2

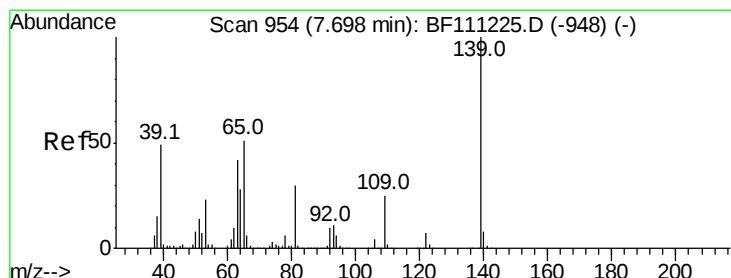
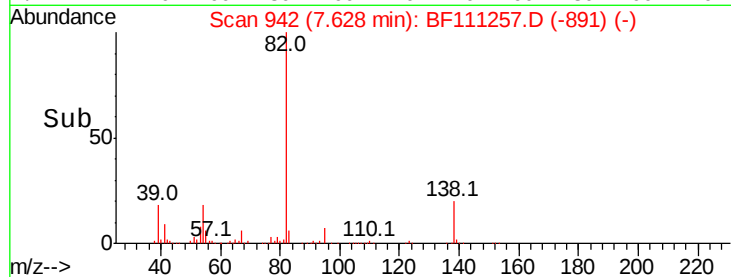
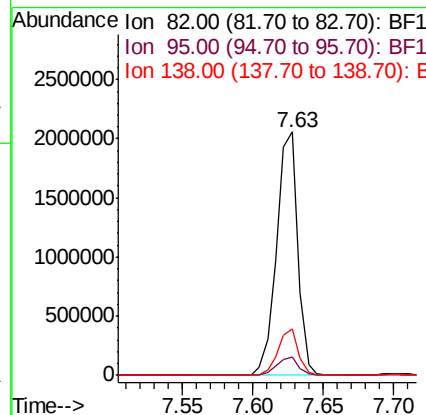
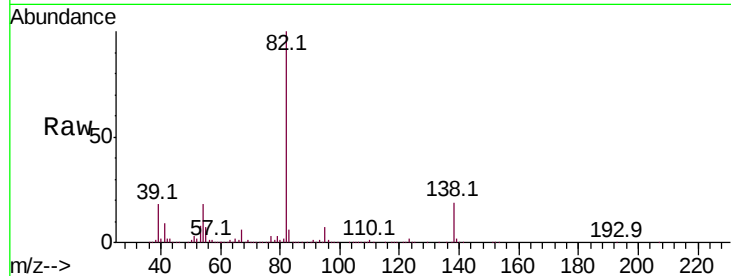
138 19.3 15.1 22.7

Manual Integrations

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#26

2-Nitrophenol

Concen: 38.232 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

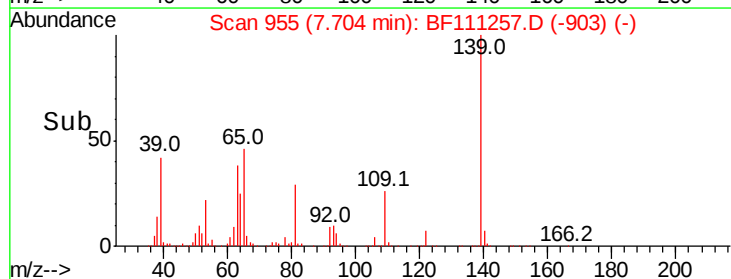
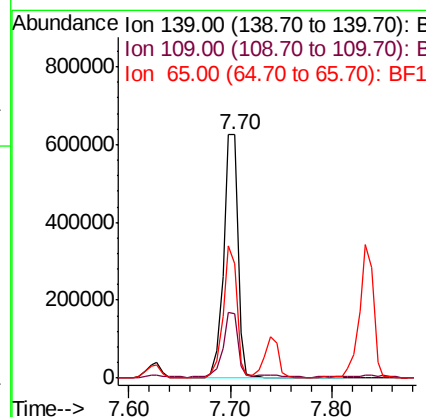
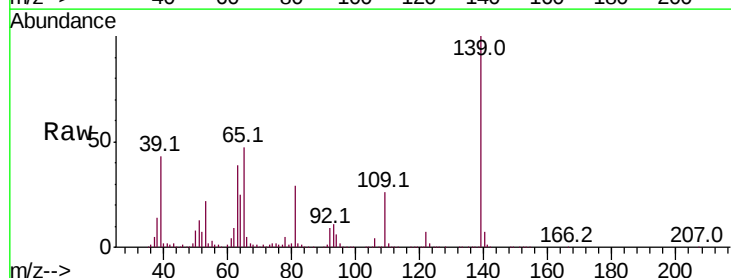
Tgt Ion: 139 Resp: 620989

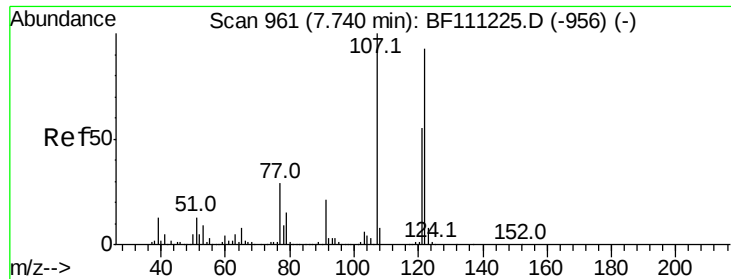
Ion Ratio Lower Upper

139 100

109 26.3 20.2 30.4

65 46.9 40.7 61.1





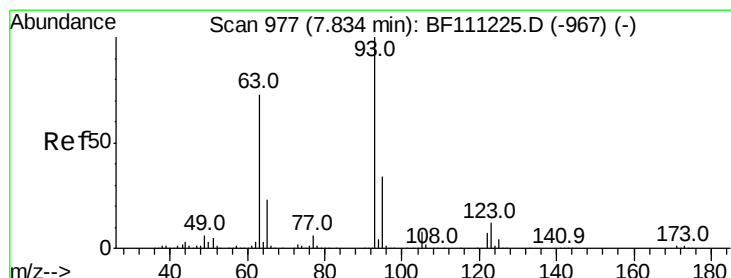
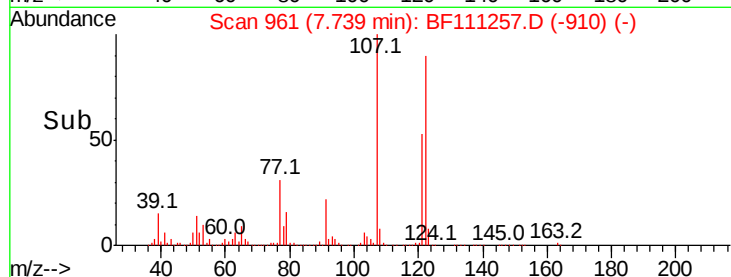
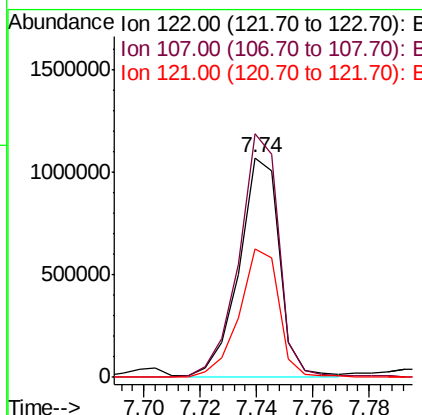
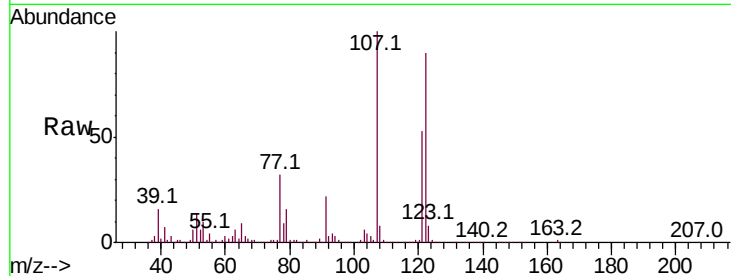
#27
2,4-Dimethylphenol
Concen: 42.285 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.00 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2MS

Tot Ion:122 Resp: 1061317
Ion Ratio Lower Upper
122 100
107 111.0 85.5 128.3
121 58.3 46.6 70.0

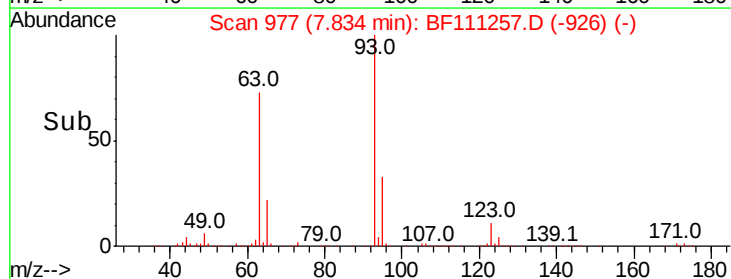
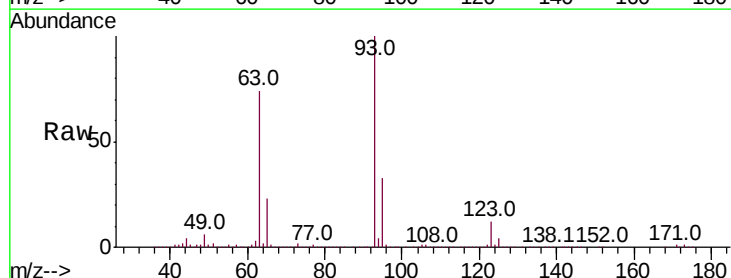
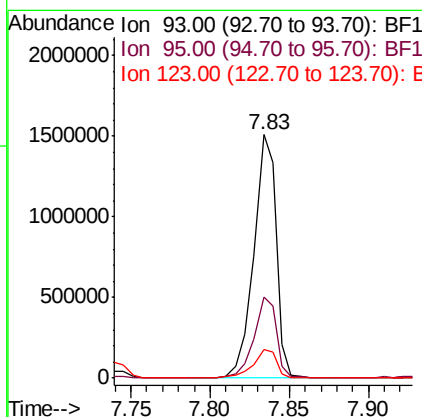
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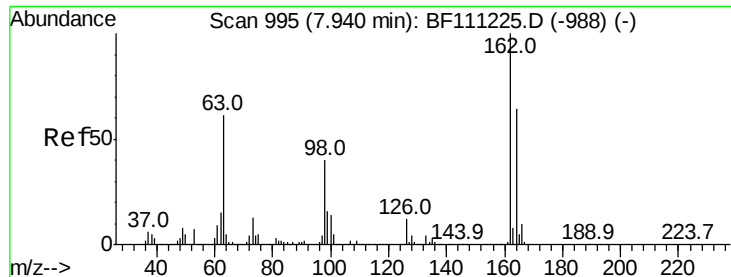
Sohil
12/11/2018 2:23:40 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.981 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Tgt Ion: 93 Resp: 1481176
Ion Ratio Lower Upper
93 100
95 33.5 27.1 40.7
123 11.5 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 37.106 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

Instrument :

BNA_F

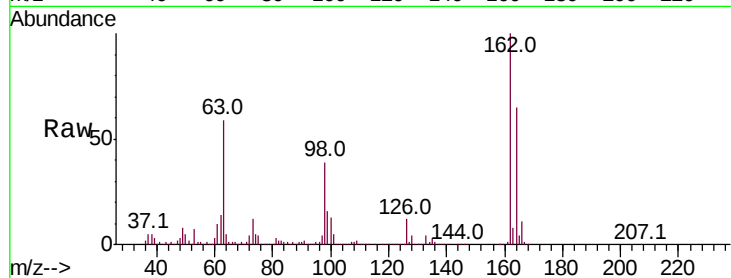
ClientSampleId :

SAMPLE-2MS

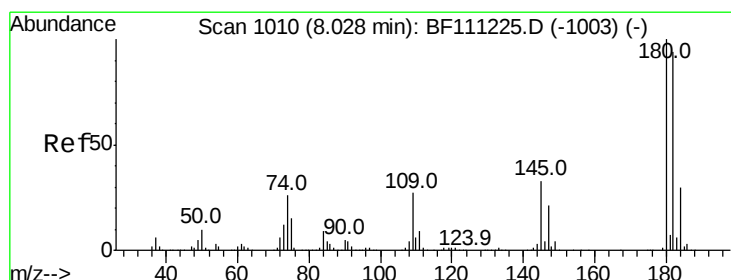
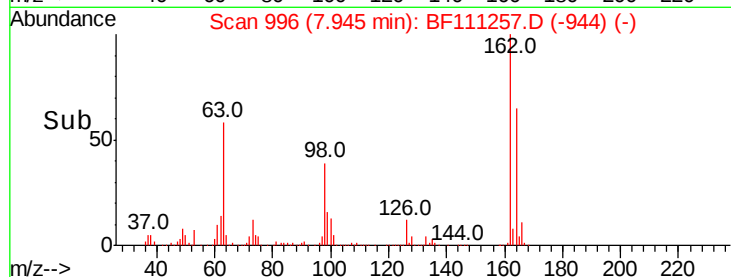
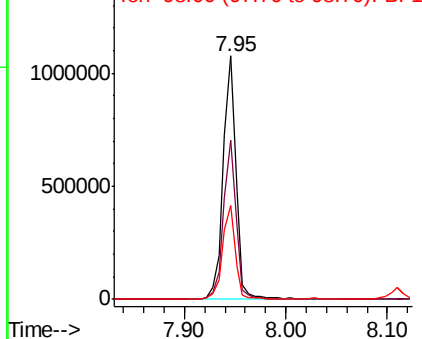
Tot Ion:	162	Resp:	952292
Ion Ratio	Lower	Upper	
162	100		
164	65.5	44.4	84.4
98	38.7	20.3	60.3

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 37.986 ng

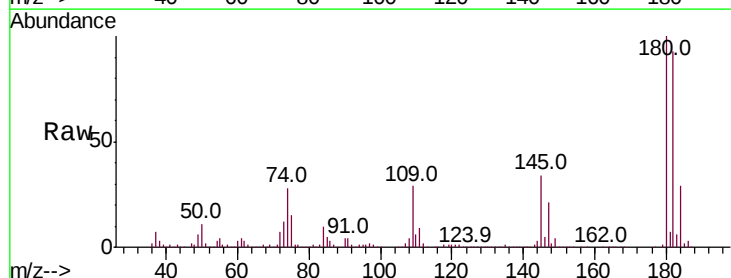
RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

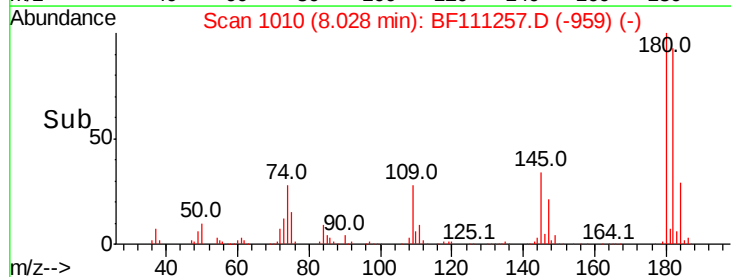
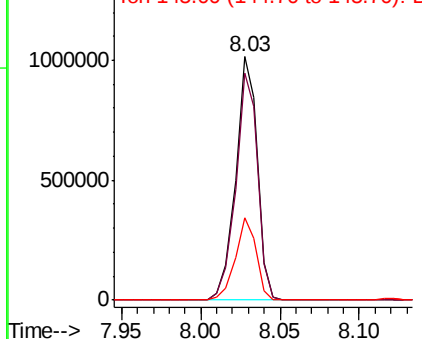
Lab File: BF111257.D

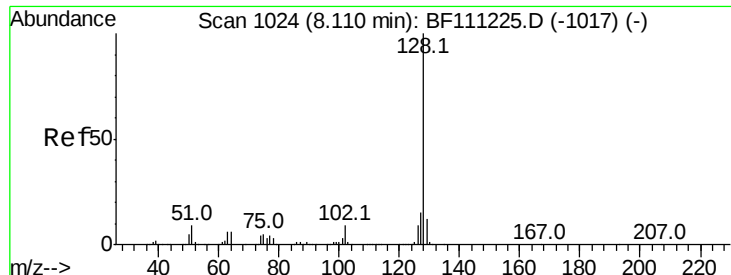
Acq: 10 Dec 2018 22:09

Tgt Ion:	180	Resp:	960278
Ion Ratio	Lower	Upper	
180	100		
182	93.3	75.6	113.4
145	34.0	26.7	40.1



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





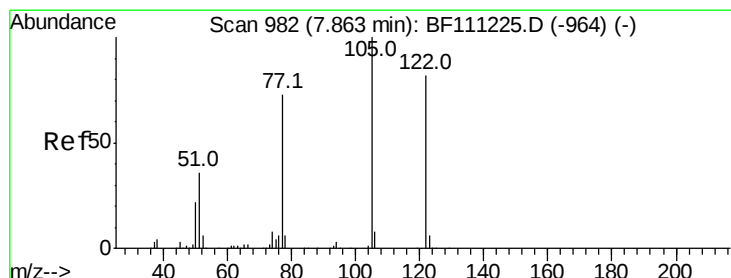
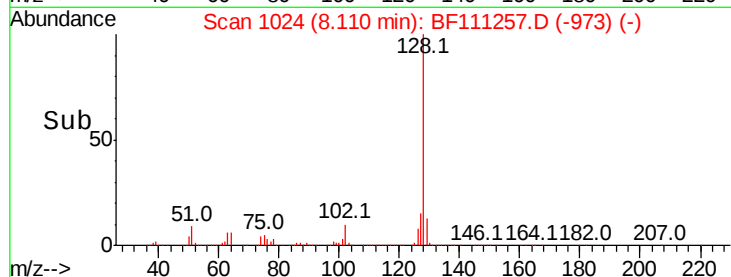
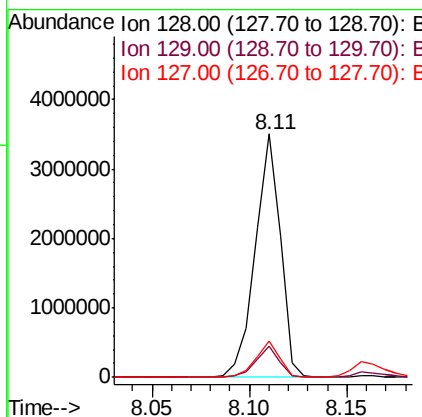
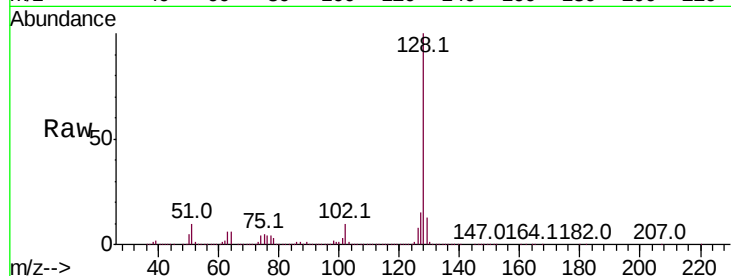
#31
Naphthalene
Concen: 40.778 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.8	14.8
127	14.7	12.0	18.0

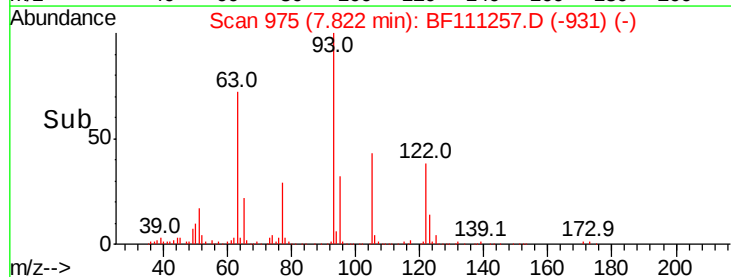
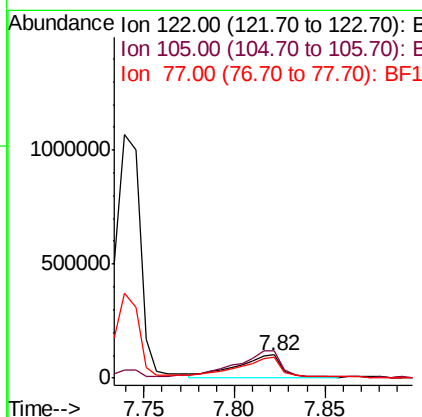
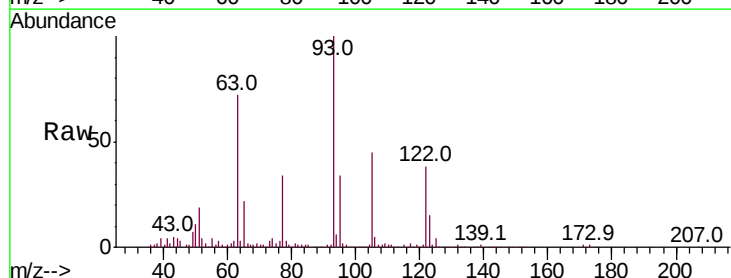
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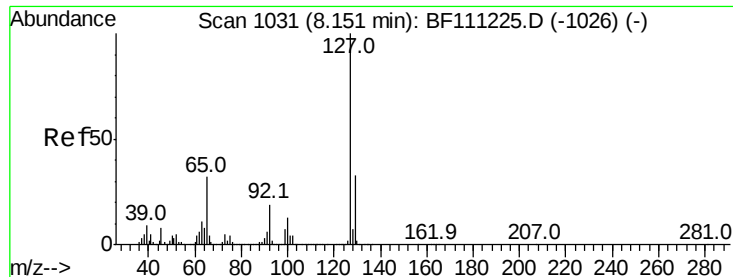
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#32
Benzoic acid
Concen: 8.122 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.04 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.6	97.0	137.0
77	89.6	65.7	105.7





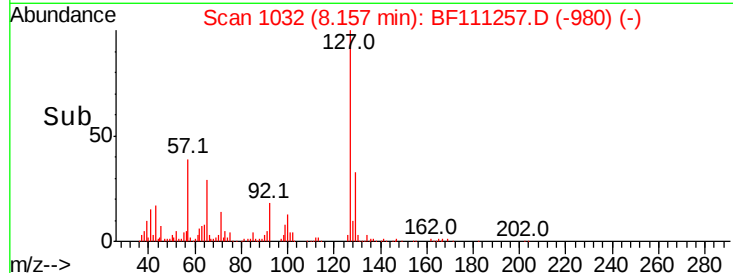
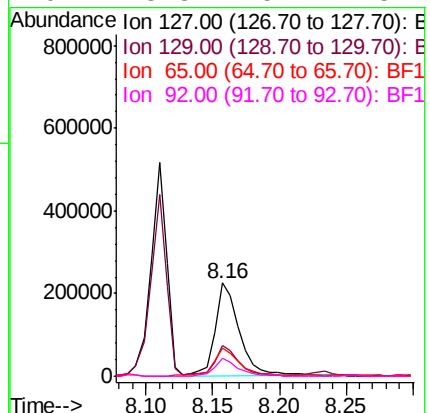
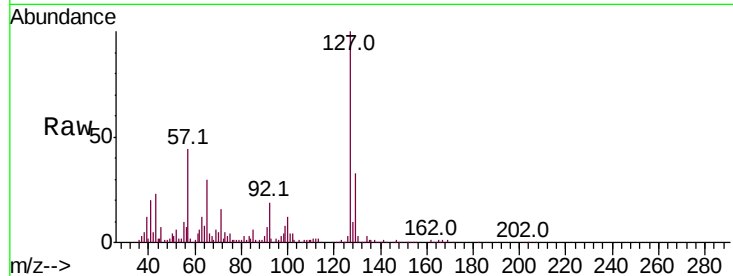
#33
4-Chloroaniline
Concen: 7.698 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.7	26.6	39.8	
65	30.4	25.7	38.5	
92	18.8	15.4	23.2	

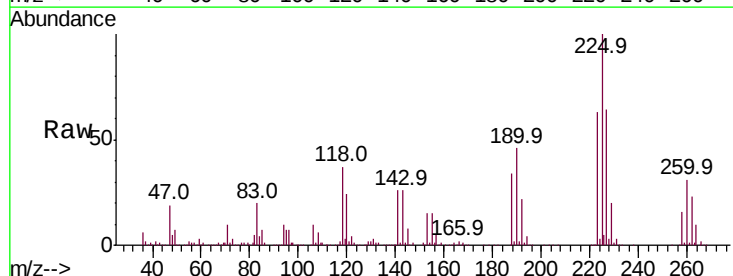
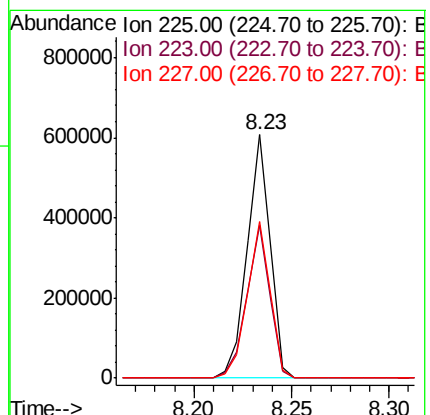
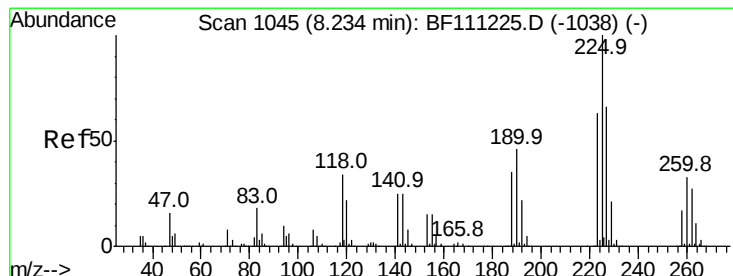
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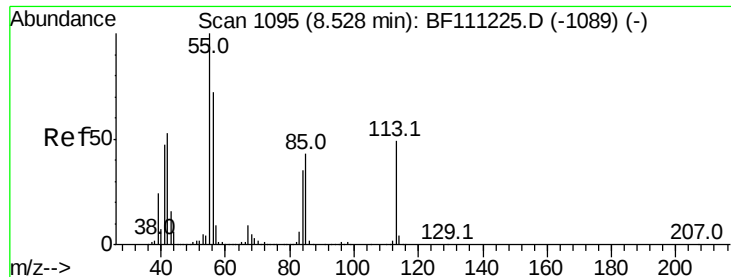
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#34
Hexachlorobutadiene
Concen: 35.644 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.8	50.7	76.1	
227	64.4	52.6	78.8	





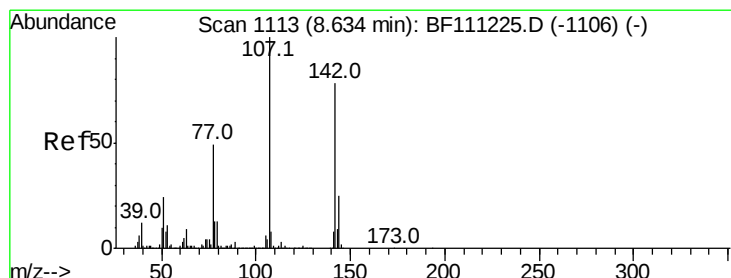
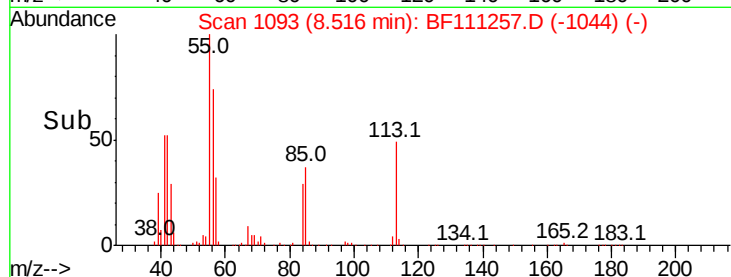
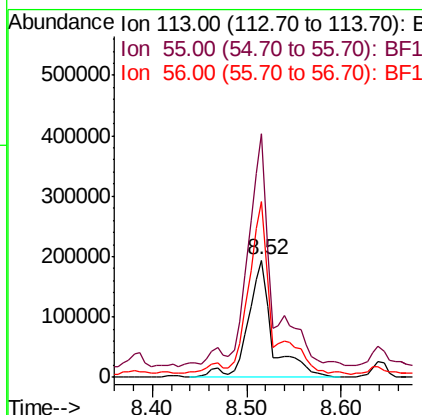
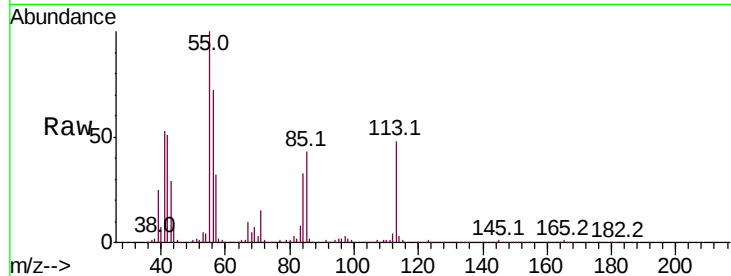
#35
 Caprolactam
 Concen: 38.185 ng/ml
 RT: 8.52 min Scan# 1093
 Delta R.T. -0.01 min
 Lab File: BF111257.D
 Acq: 10 Dec 2018 22:09

Instrument :
 BNA_F
 ClientSampleID :
 SAMPLE-2MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	207.9	184.1	224.1
56	150.6	126.0	166.0

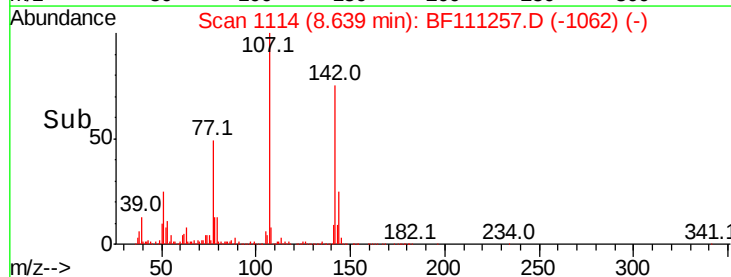
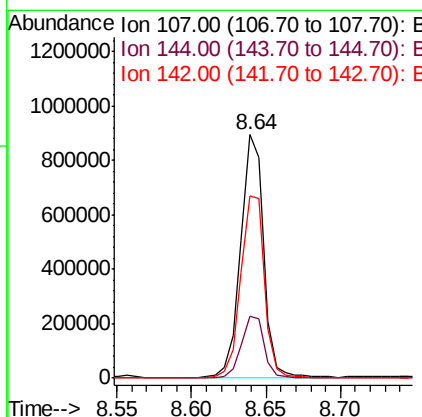
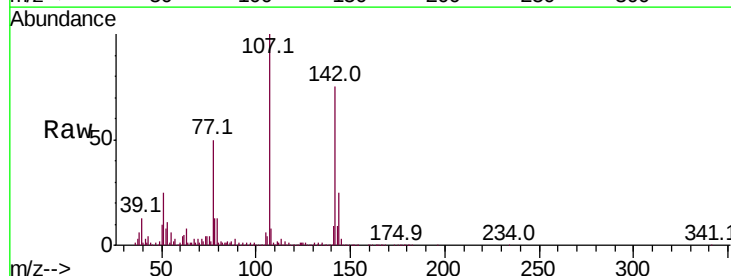
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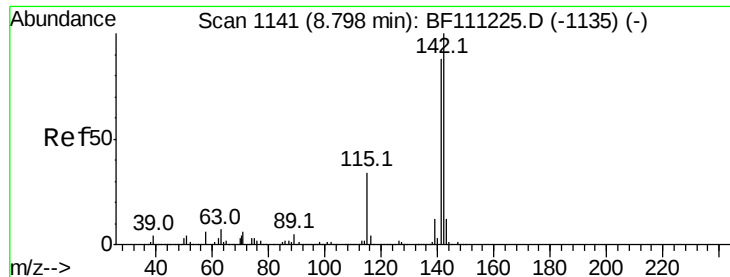
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#36
 4-Chloro-3-methylphenol
 Concen: 36.219 ng/ml
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: BF111257.D
 Acq: 10 Dec 2018 22:09

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.2	19.8	29.6
142	74.7	62.3	93.5





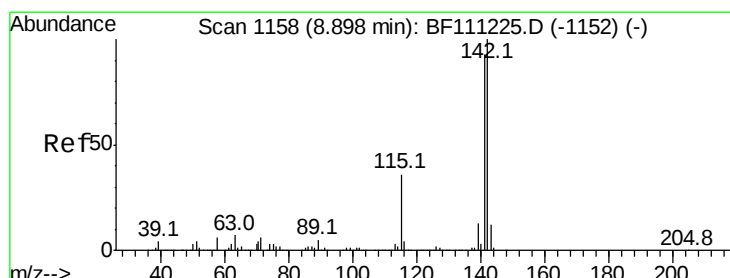
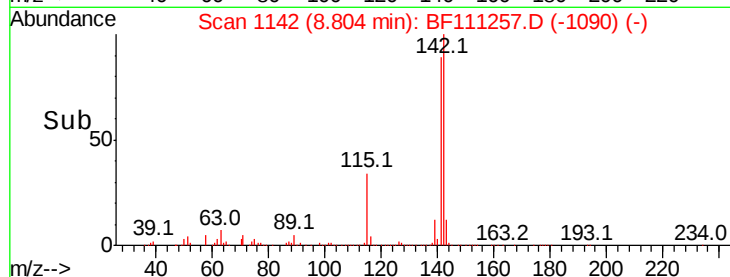
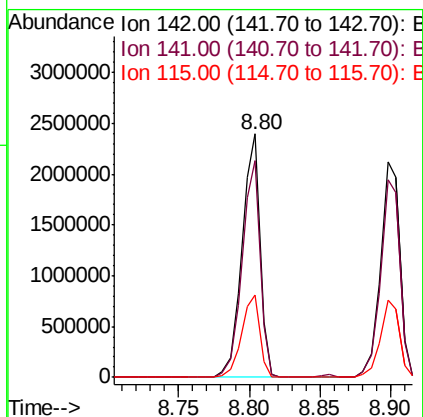
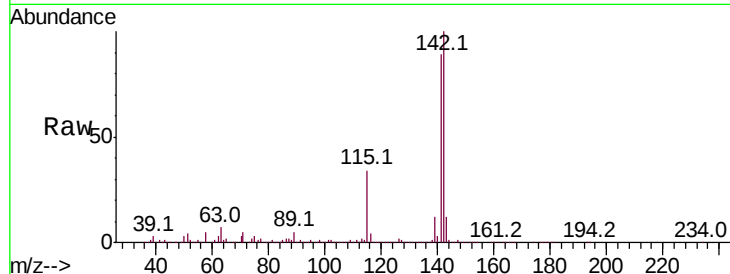
#37
2-Methylnaphthalene
Concen: 41.779 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.6	105.8
115	33.9	27.0	40.6

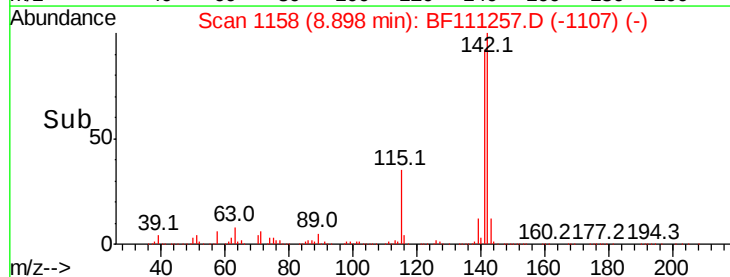
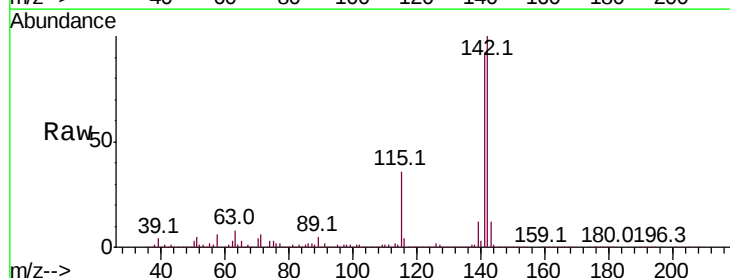
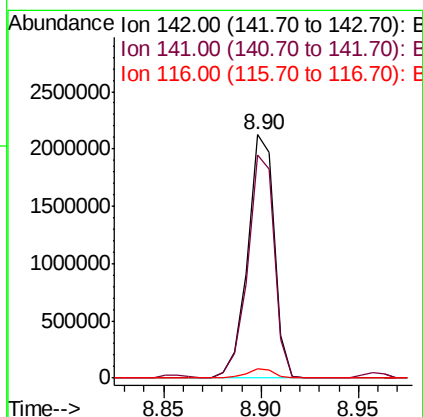
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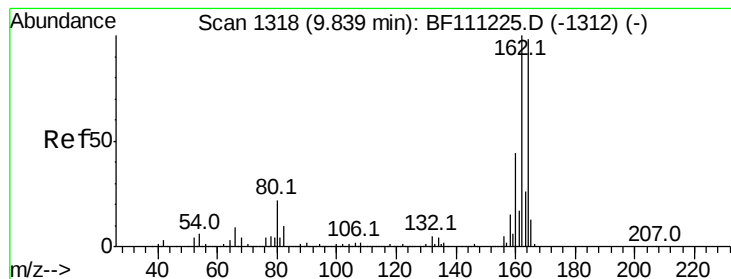
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#38
1-Methylnaphthalene
Concen: 40.116 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	74.2	111.4
116	3.9	2.9	4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

Instrument :

BNA_F

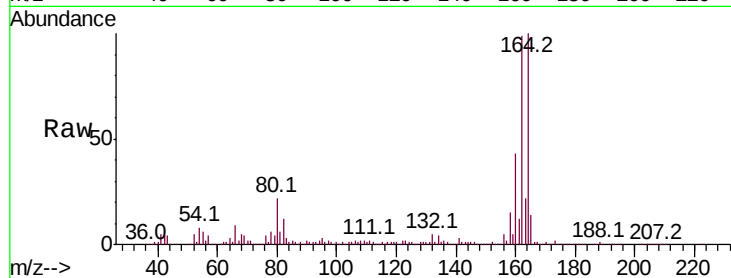
ClientSampleId :

SAMPLE-2MS

Tot Ion:	164	Resp:	582652
Ion Ratio	Lower	Upper	
164	100		
162	98.9	81.4	122.0
160	43.3	35.7	53.5

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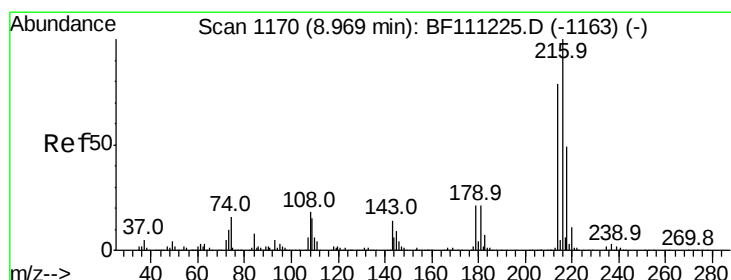
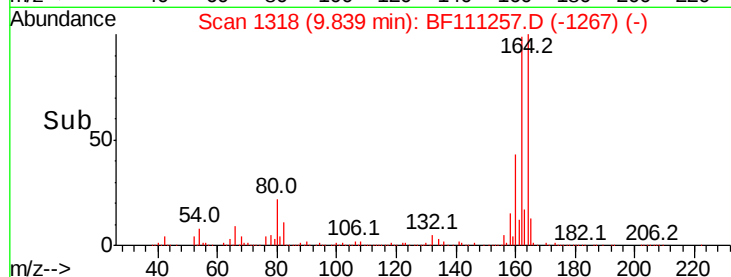
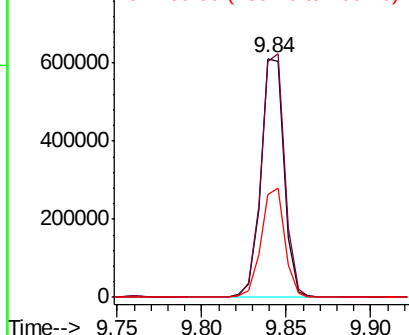


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.470 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

Tgt Ion:	216	Resp:	769607
Ion Ratio	Lower	Upper	
216	100		
214	80.5	63.8	95.8
179	23.7	17.9	26.9
108	22.8	18.4	27.6

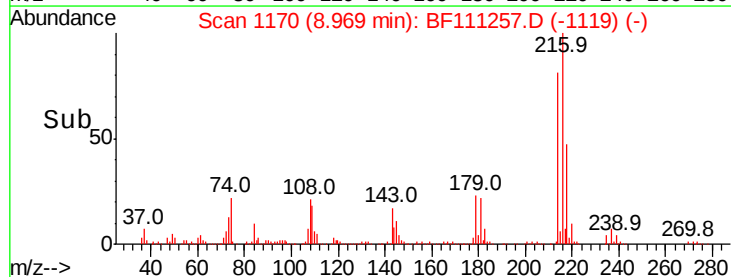
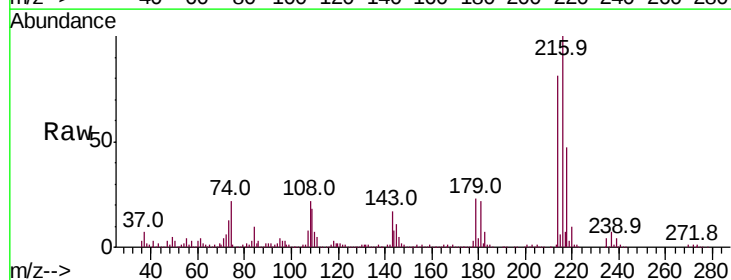
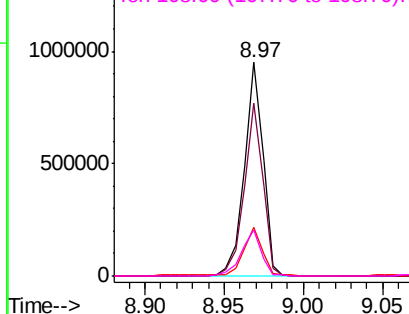
Abundance

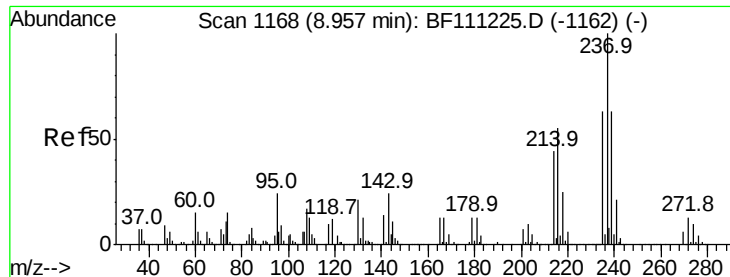
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





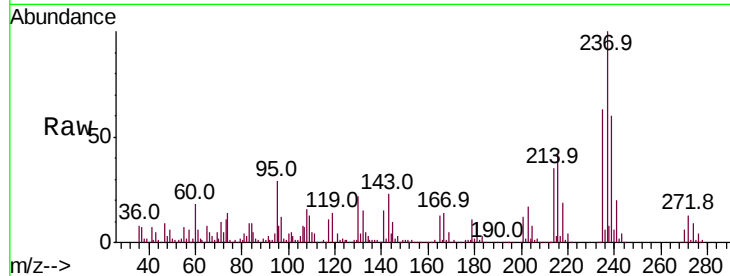
#41
Hexachlorocyclopentadiene
Concen: 33.506 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2MS

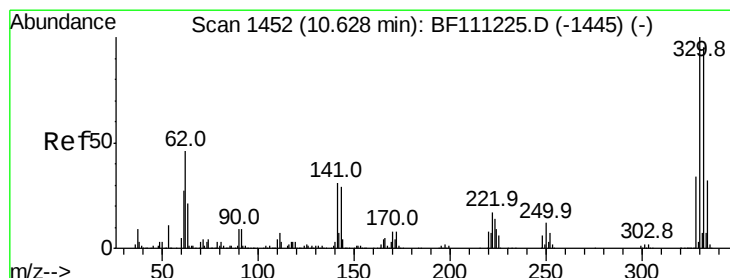
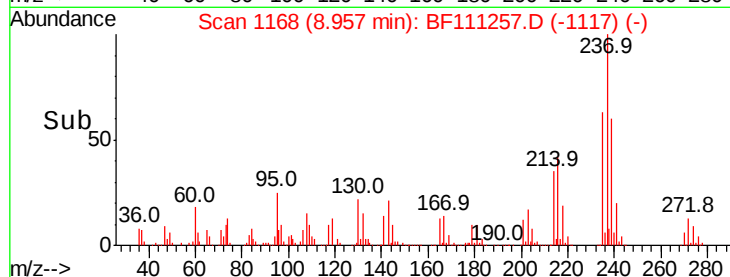
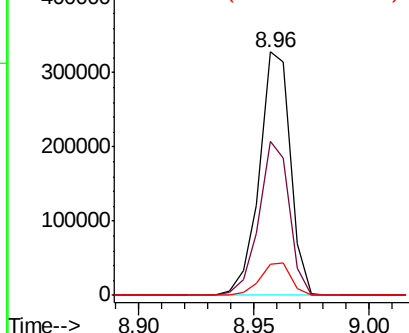
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.3	43.1	83.1
272	12.7	0.0	33.0

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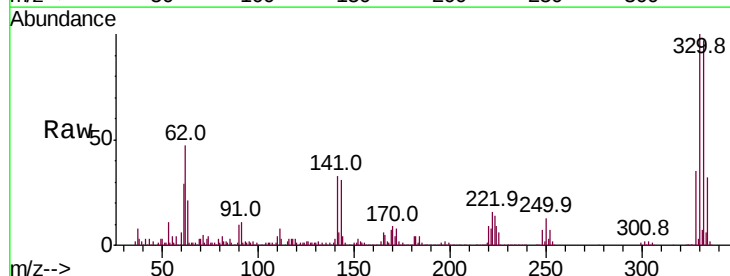


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

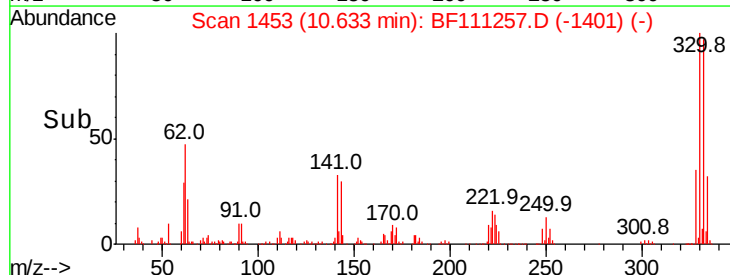
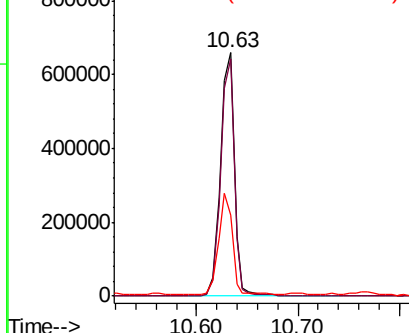


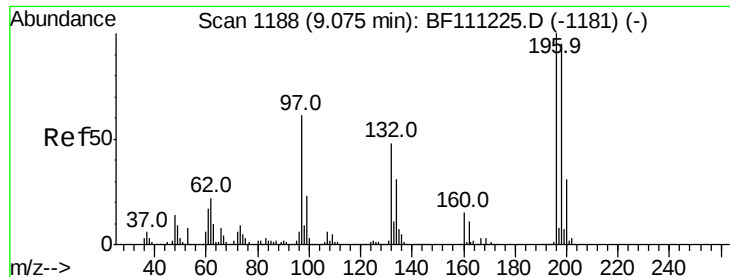
#42
2,4,6-Tribromophenol
Concen: 122.259 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.9	76.0	114.0
141	41.3	31.0	46.6



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





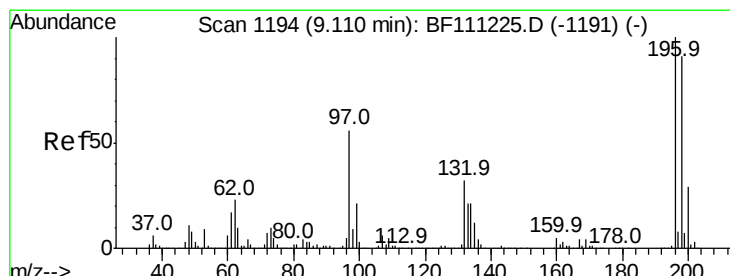
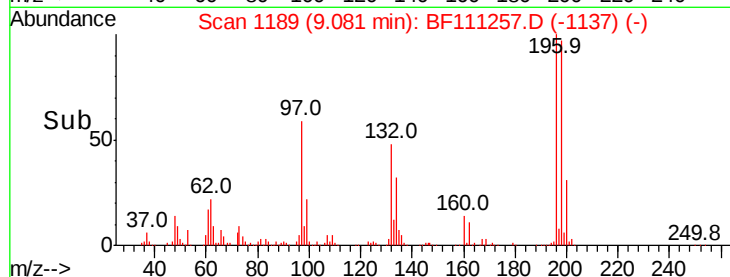
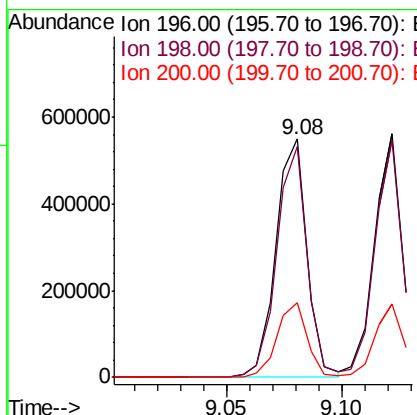
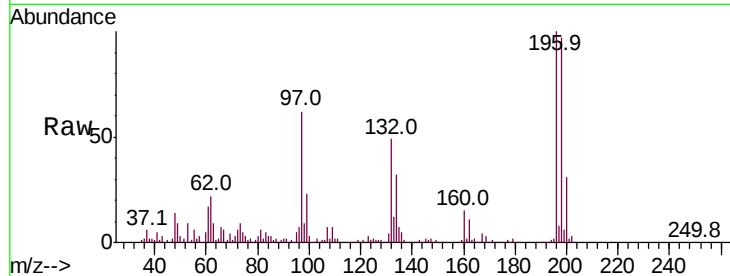
#43
 2,4,6-Trichlorophenol
 Concen: 41.892 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF111257.D
 Acq: 10 Dec 2018 22:09

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-2MS

Tot Ion:	196	Resp:	509805
Ion Ratio	Lower	Upper	
196	100		
198	97.1	76.3	114.5
200	31.2	24.9	37.3

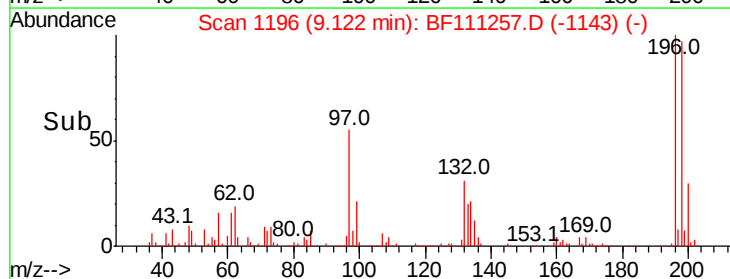
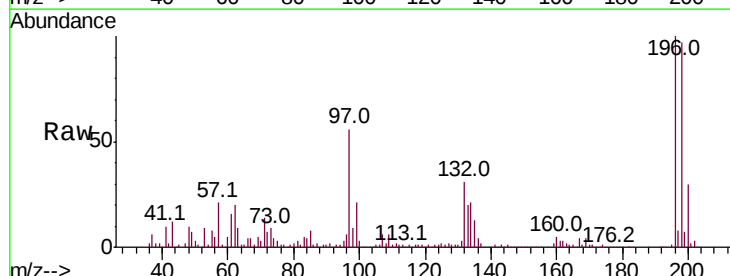
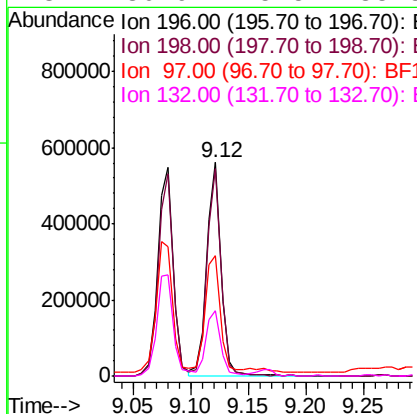
Manual Integrations
 APPROVED

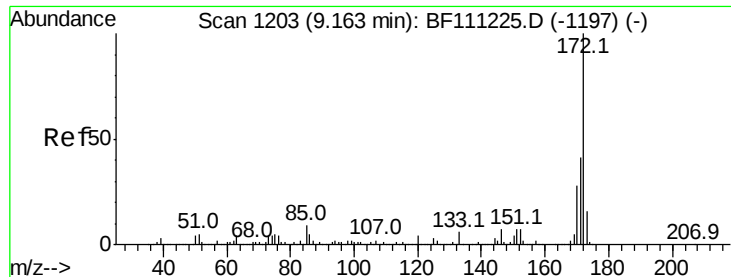
Sohil
 12/11/2018 2:23:40 PM



#44
 2,4,5-Trichlorophenol
 Concen: 38.264 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.01 min
 Lab File: BF111257.D
 Acq: 10 Dec 2018 22:09

Tgt Ion:	196	Resp:	485082
Ion Ratio	Lower	Upper	
196	100		
198	97.2	72.9	109.3
97	56.5	45.3	67.9
132	30.9	25.5	38.3





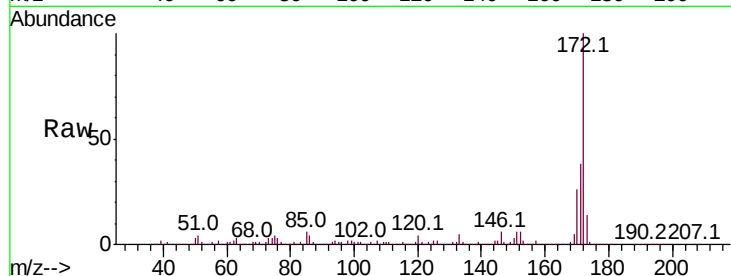
#45
2-Fluorobiphenyl
Concen: 100.836 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	33.0	49.4
170	25.9	22.3	33.5

Manual Integrations
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Sohil
12/11/2018 2:23:40 PM

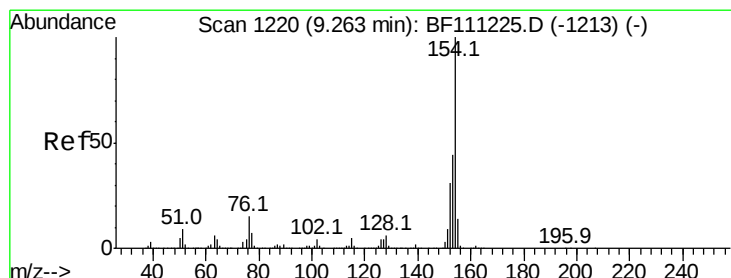
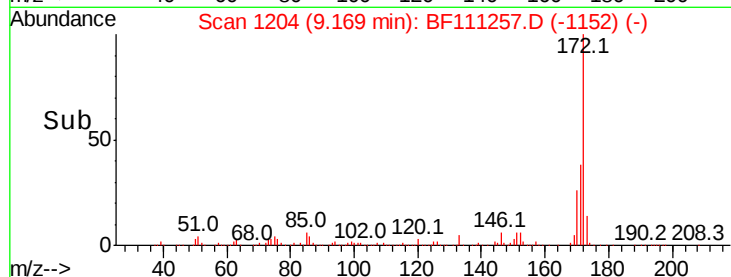
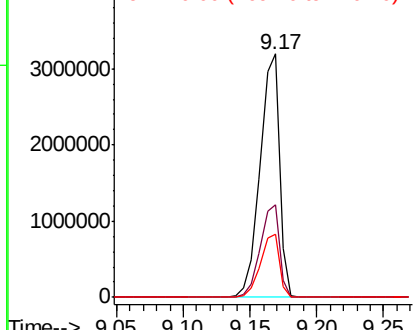


Abundance

Ion 172.00 (171.70 to 172.70): E

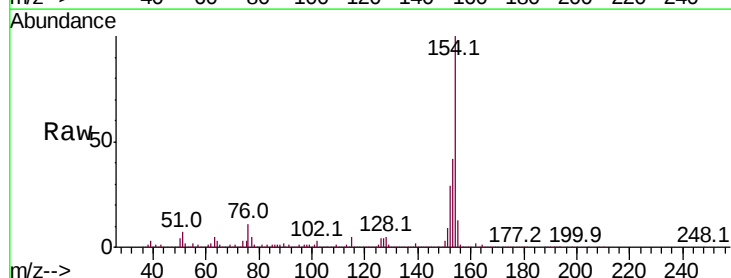
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 40.215 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.01 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	23.7	63.7
76	10.9	0.0	35.0

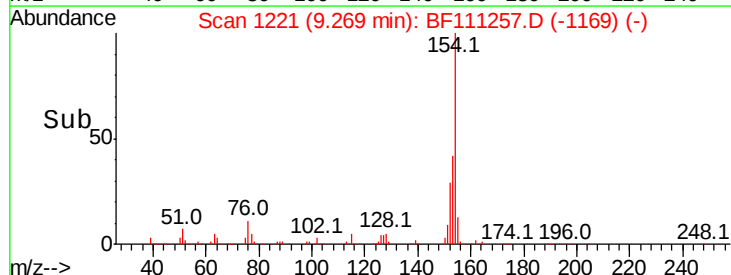
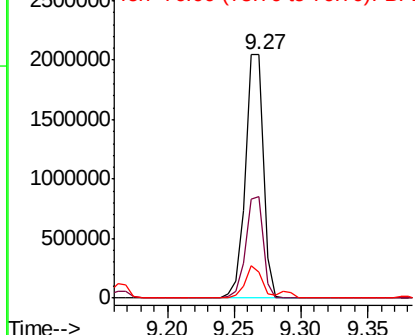


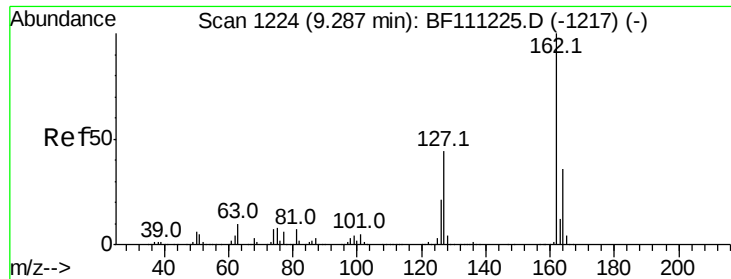
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





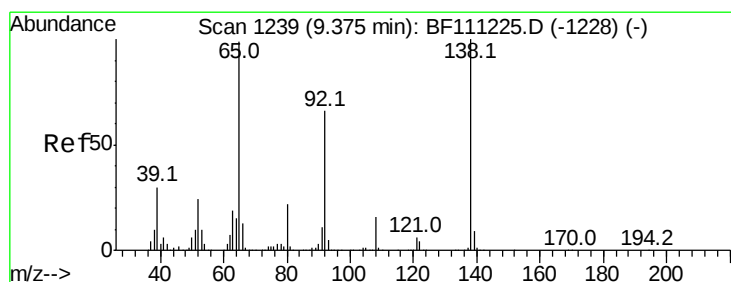
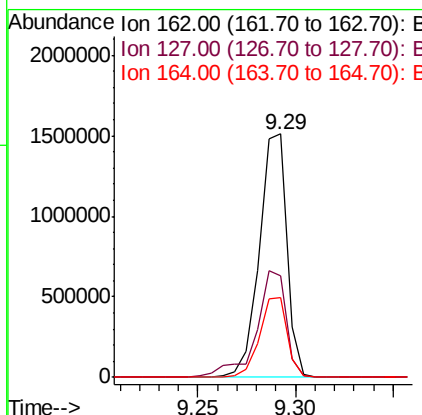
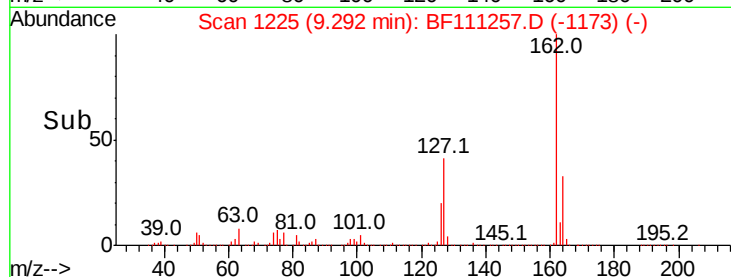
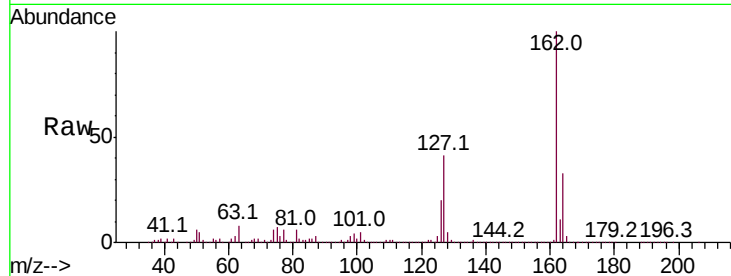
#47
2-Chloronaphthalene
Concen: 38.903 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.01 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.5	35.0	52.4
164	32.6	28.4	42.6

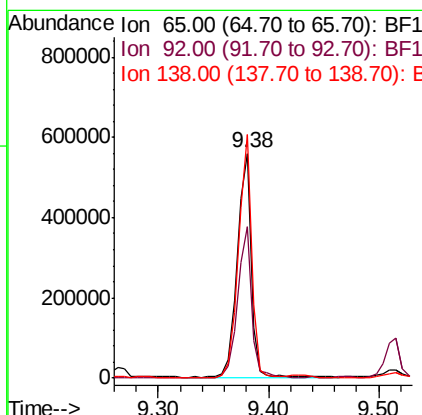
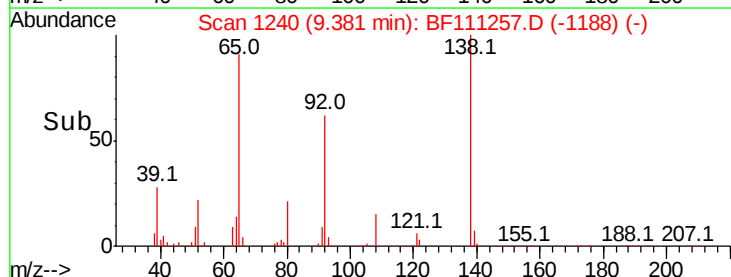
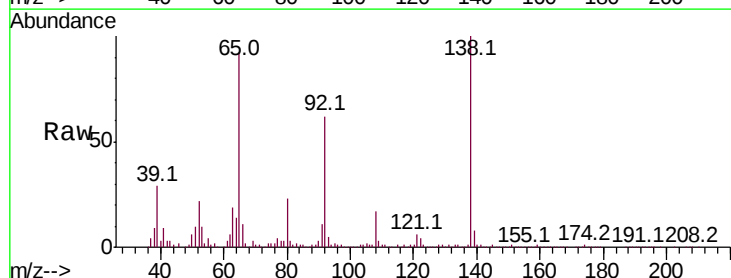
Manual Integrations
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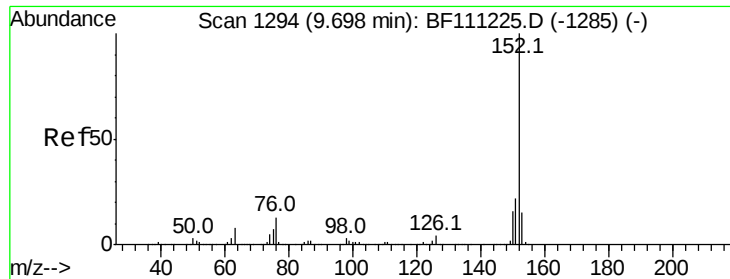
Sohil
12/11/2018 2:23:40 PM



#48
2-Nitroaniline
Concen: 38.696 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.01 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.1	53.5	80.3
138	108.3	80.9	121.3





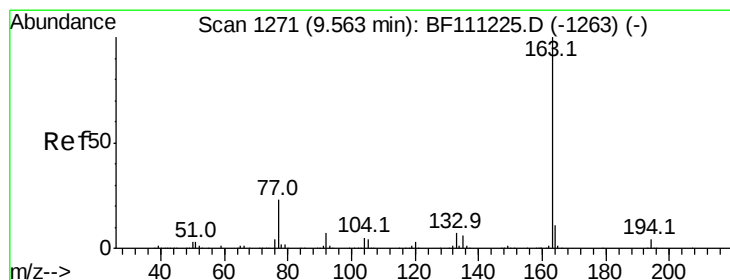
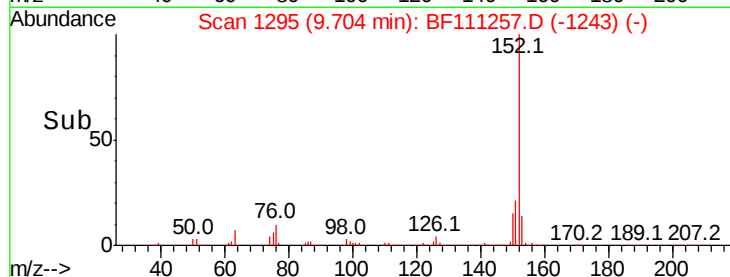
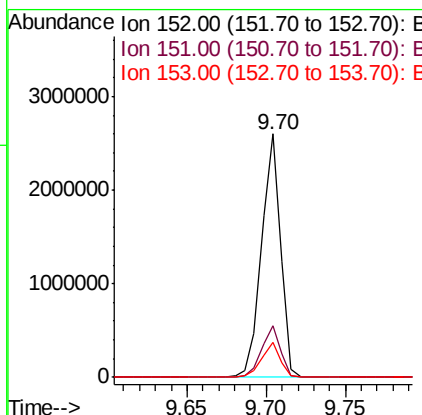
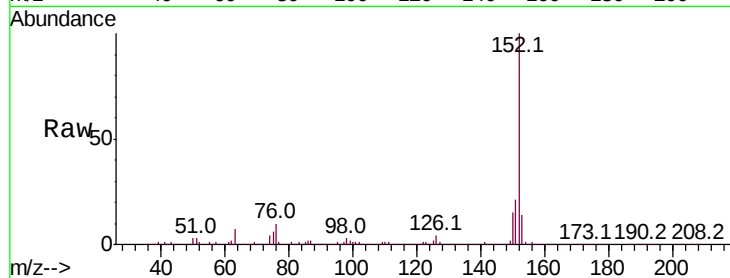
#49
Acenaphthylene
Concen: 39.795 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.3	18.0	27.0
153	14.2	12.3	18.5

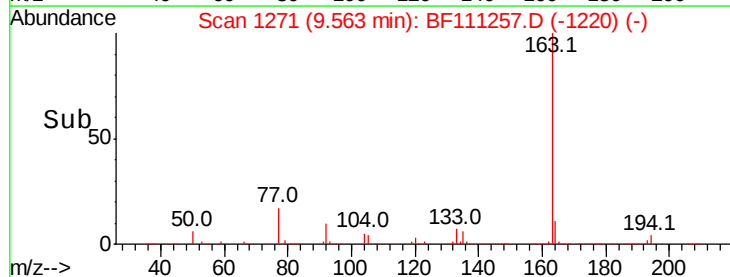
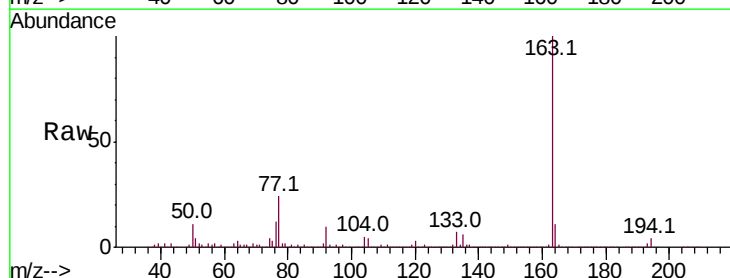
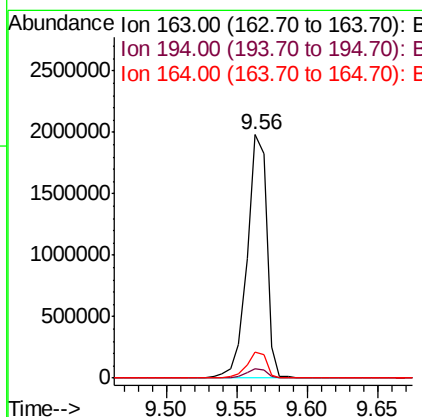
Manual Integrations
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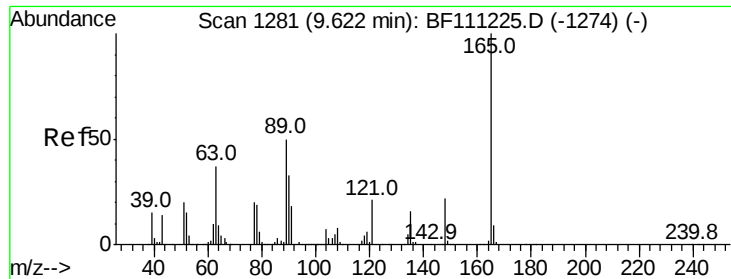
Sohil
12/11/2018 2:23:40 PM



#50
Dimethylphthalate
Concen: 44.650 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.9	8.9	13.3





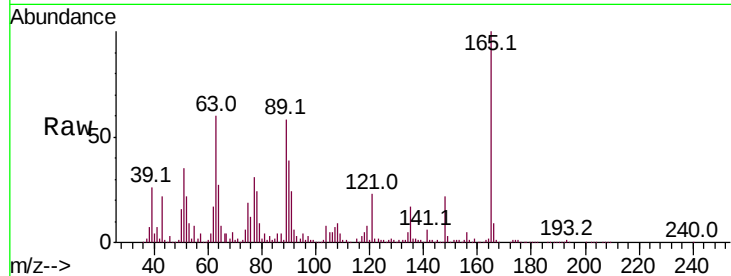
#51
2,6-Dinitrotoluene
Concen: 39.022 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	370482		
63	60.3		40.5	60.7
89	58.4		40.0	60.0

Manual Integrations
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Sohil
12/11/2018 2:23:40 PM

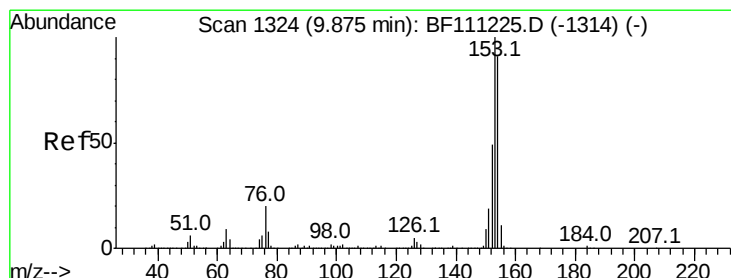
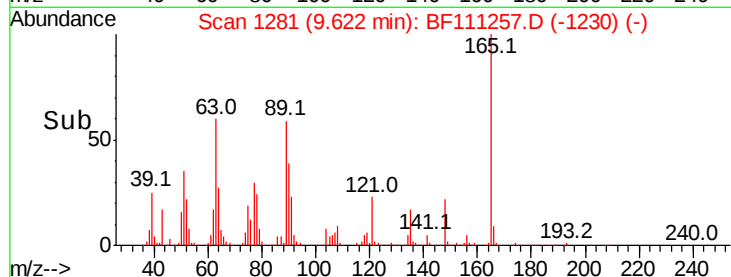
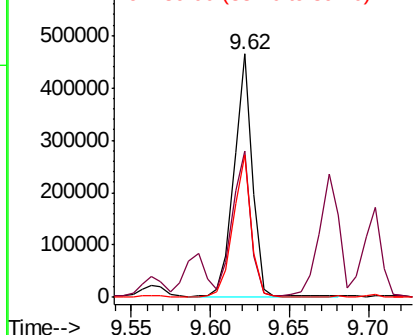


Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 43.288 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

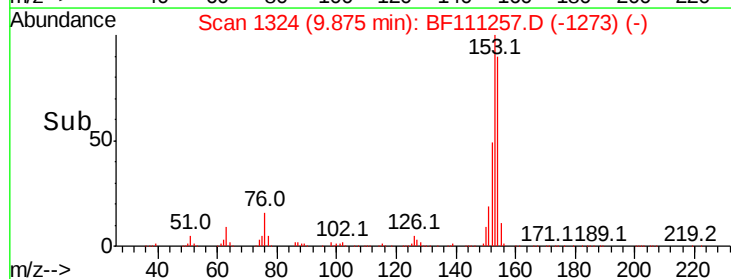
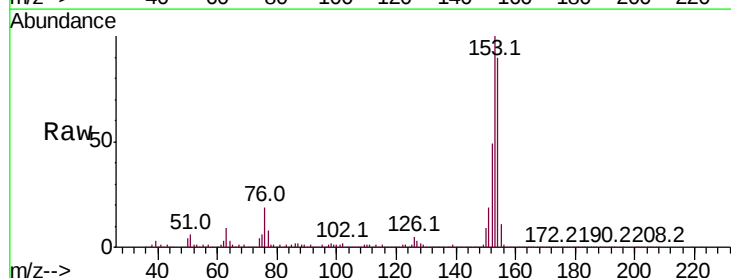
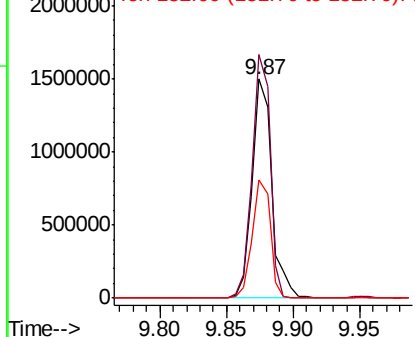
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1503475		
153	111.2		87.8	131.8
152	54.3		43.4	65.2

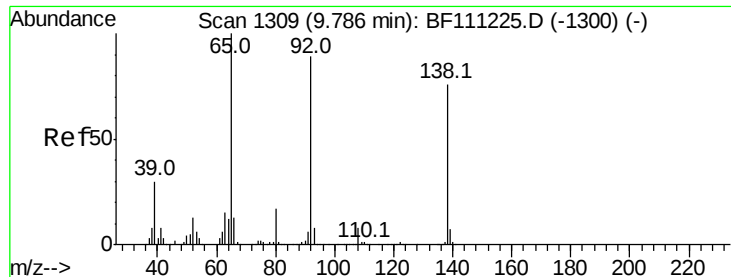
Abundance

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





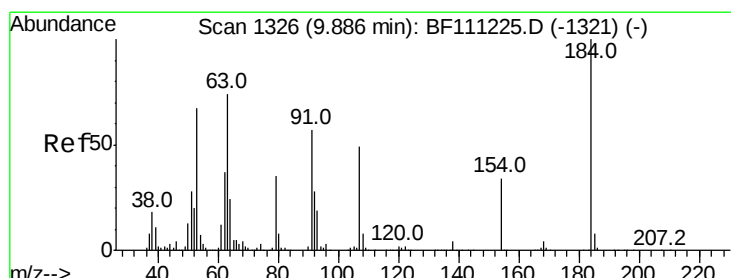
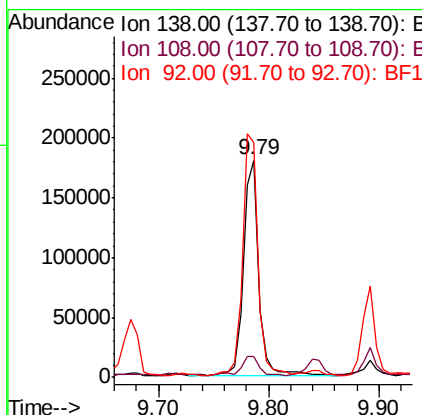
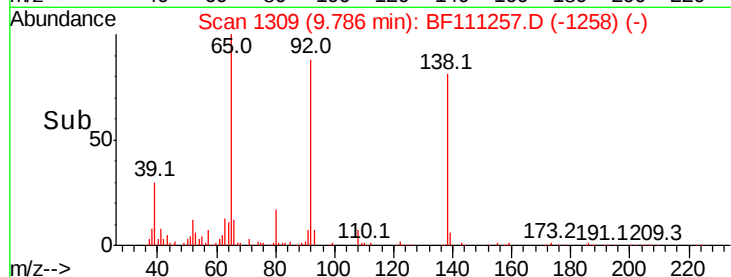
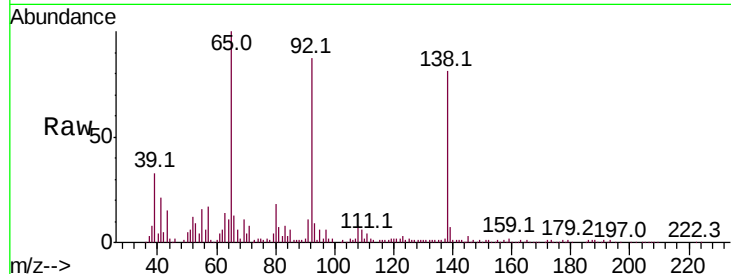
#53
3-Nitroaniline
Concen: 15.063 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.2	12.4
92	108.0	93.4	140.2

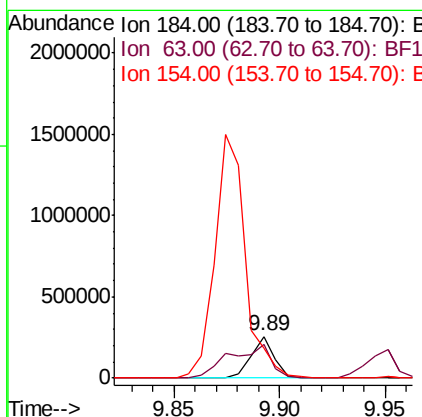
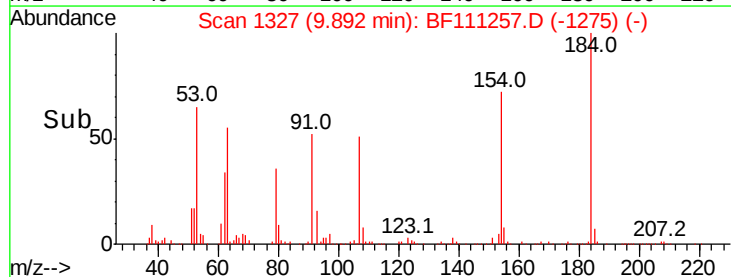
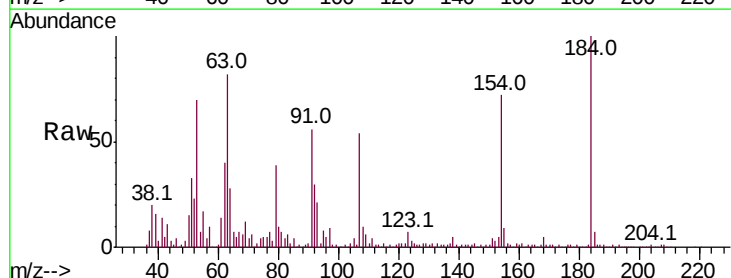
Manual Integrations
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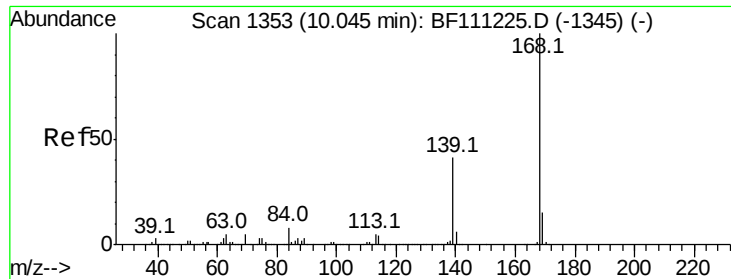
Sohil
12/11/2018 2:23:40 PM



#54
2,4-Dinitrophenol
Concen: 52.818 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Tgt Ion	Ratio	Lower	Upper
184	100		
63	81.5	62.3	93.5
154	72.3	56.2	84.2





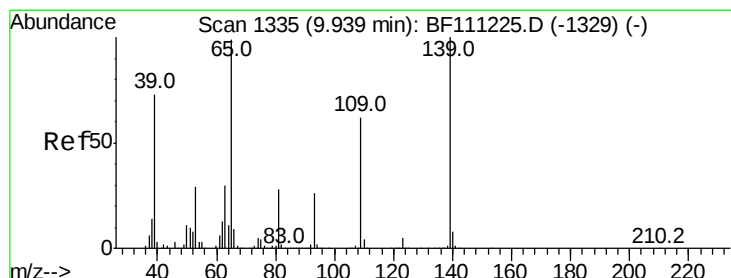
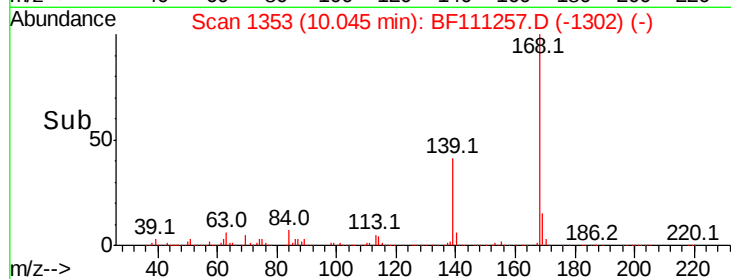
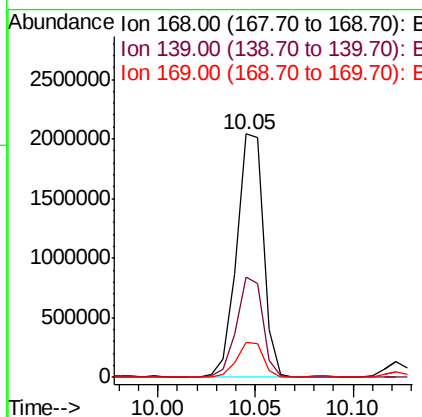
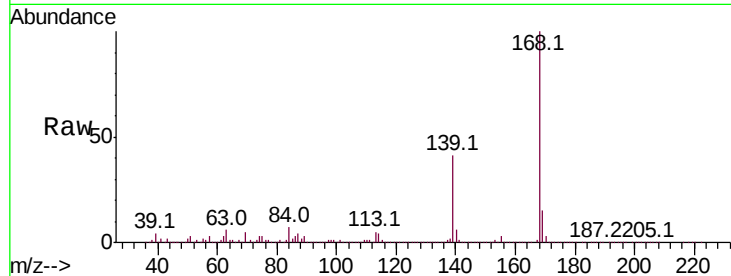
#55
Dibenzenofuran
Concen: 41.318 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.3	32.6	49.0
169	14.6	11.8	17.6

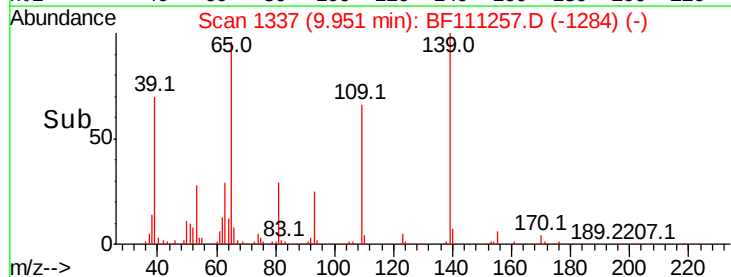
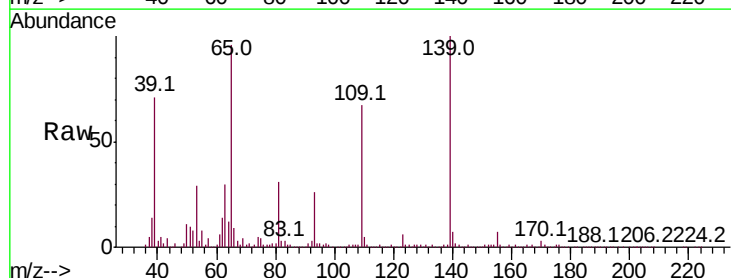
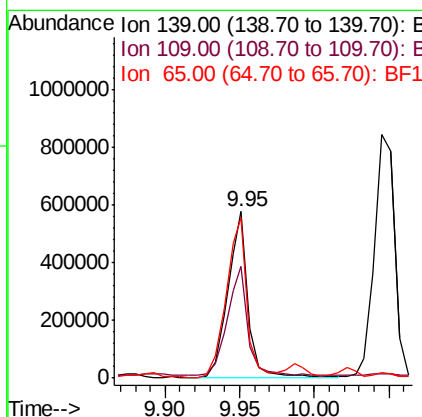
Manual Integrations
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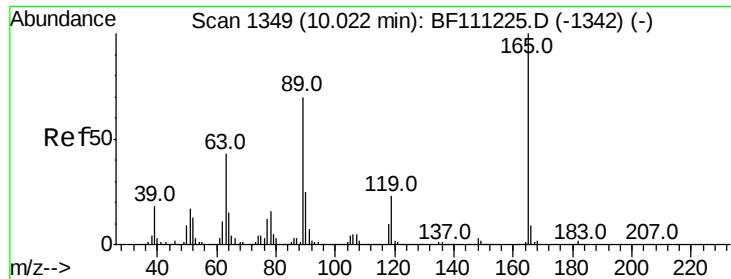
Sohil
12/11/2018 2:23:40 PM



#56
4-Nitrophenol
Concen: 60.079 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.3	41.8	81.8
65	95.9	79.6	119.6





#57

2,4-Dinitrotoluene

Concen: 39.377 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

Instrument :

BNA_F

ClientSampleId :

SAMPLE-2MS

Tot Ion:165 Resp: 460878

Ion Ratio Lower Upper

165 100

63 51.3 34.6 52.0

89 77.0 56.2 84.4

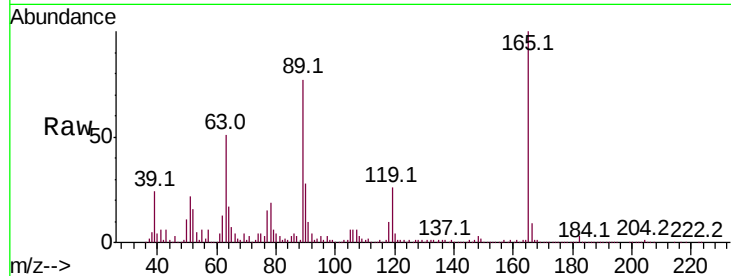
182 2.6 1.8 2.6

Manual Integrations

APPROVED

Sohil

12/11/2018 2:23:40 PM

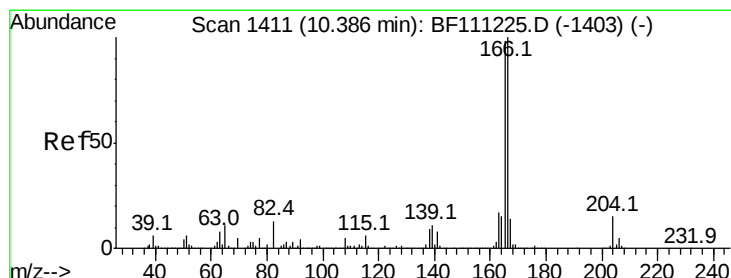
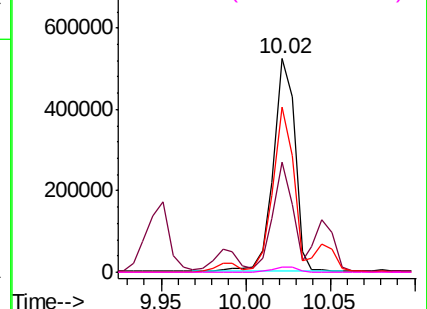
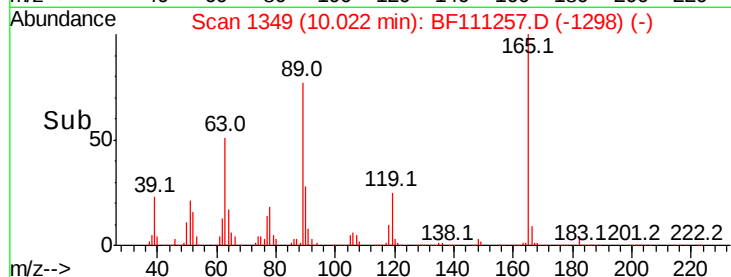


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 46.945 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.01 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

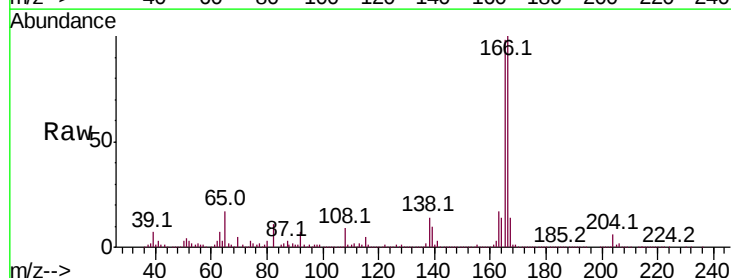
Tgt Ion:166 Resp: 1716527

Ion Ratio Lower Upper

166 100

165 97.5 78.4 117.6

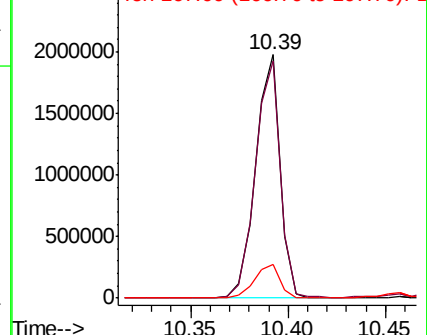
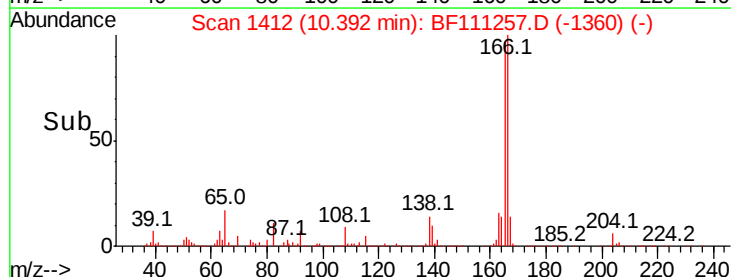
167 13.6 11.2 16.8

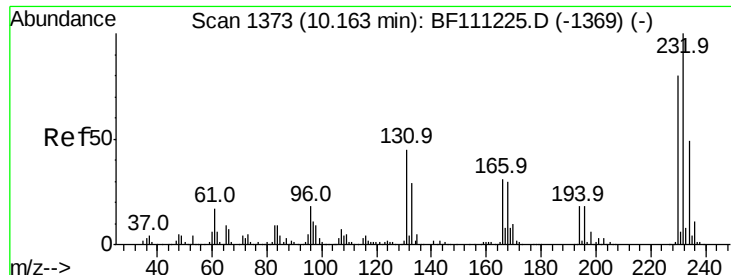


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





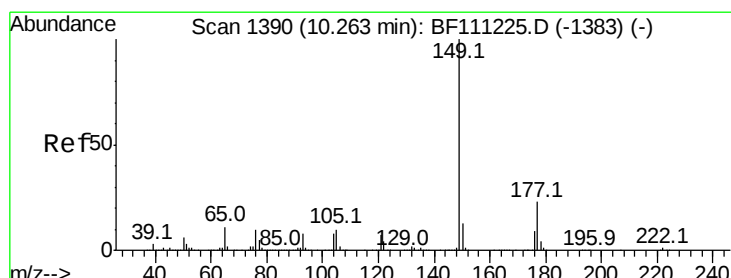
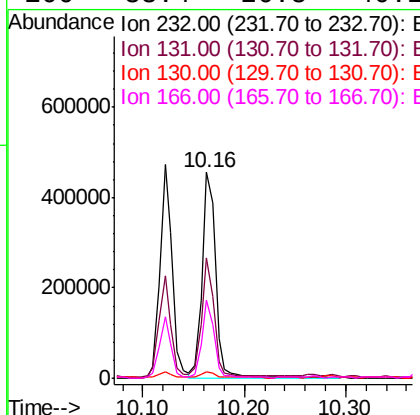
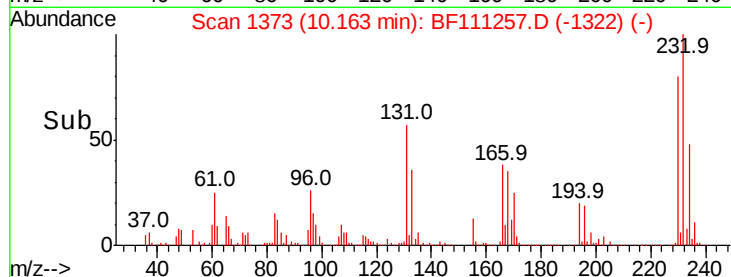
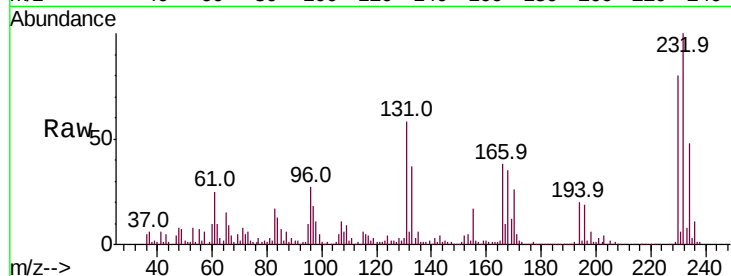
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.134 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	51.4	40.9	61.3
130	3.1	2.0	3.0
166	33.4	26.8	40.2

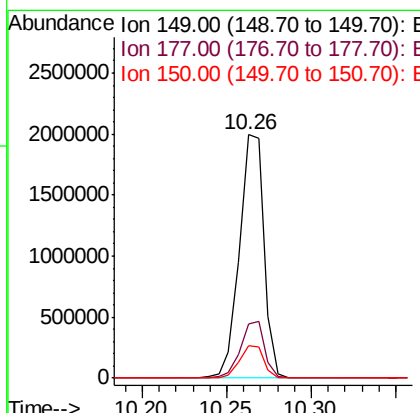
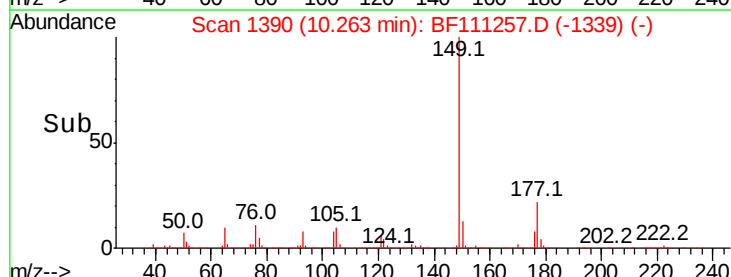
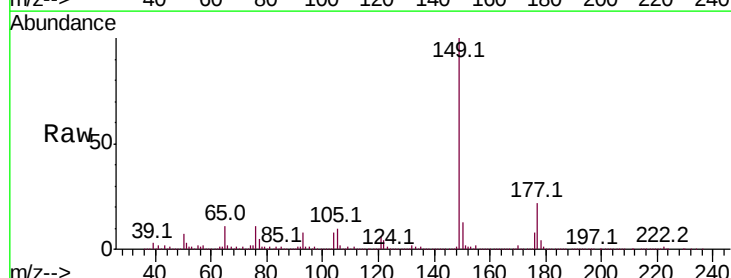
Manual Integrations
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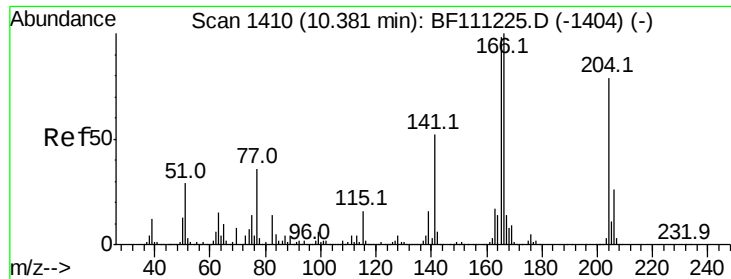
Sohil
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#60
Diethylphthalate
Concen: 49.109 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	18.3	27.5
150	13.1	10.6	15.8





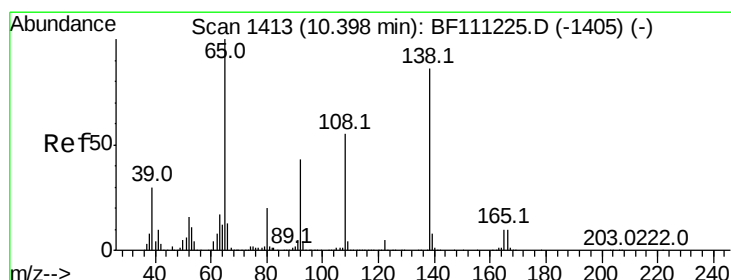
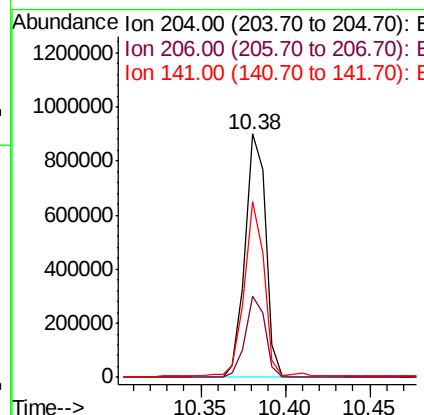
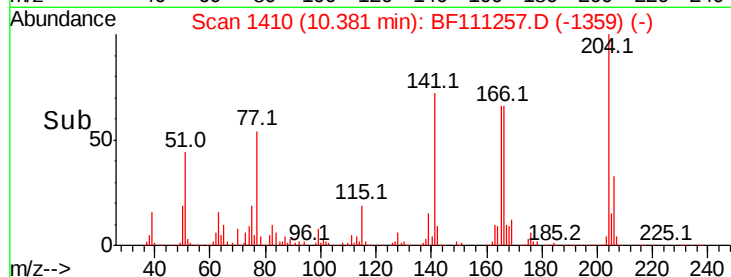
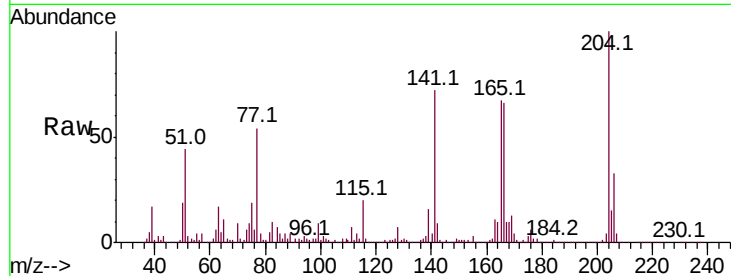
#61
 4-Chlorophenyl-phenylether
 Concen: 42.184 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: BF111257.D
 Acq: 10 Dec 2018 22:09

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-2MS

Tot Ion:	204	Resp:	765848
Ion Ratio	Lower	Upper	
204	100		
206	33.3	26.6	39.8
141	72.1	52.6	78.8

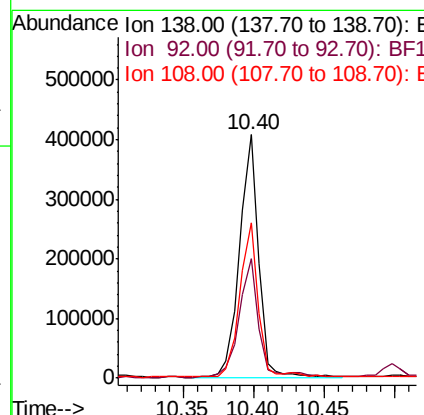
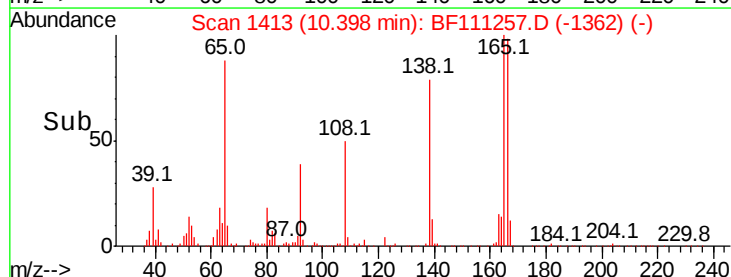
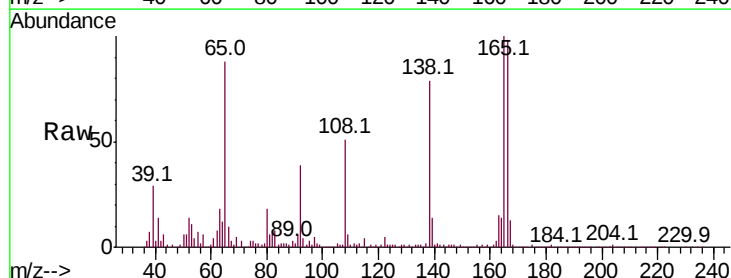
Manual Integrations
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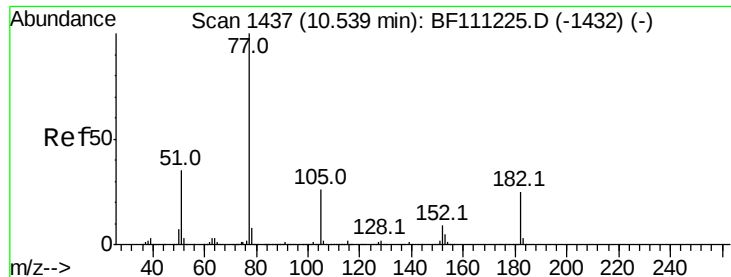
Sohil
 12/11/2018 2:23:40 PM



#62
 4-Nitroaniline
 Concen: 34.726 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BF111257.D
 Acq: 10 Dec 2018 22:09

Tgt Ion:	138	Resp:	385047
Ion Ratio	Lower	Upper	
138	100		
92	48.9	29.9	69.9
108	63.9	43.2	83.2





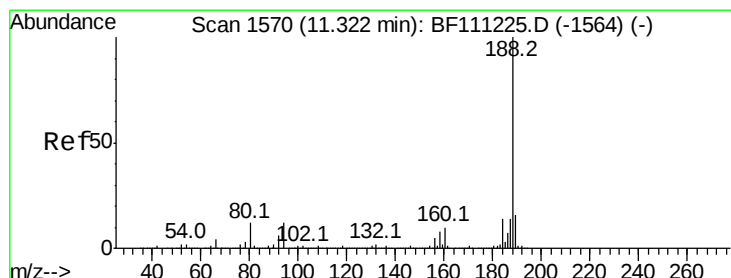
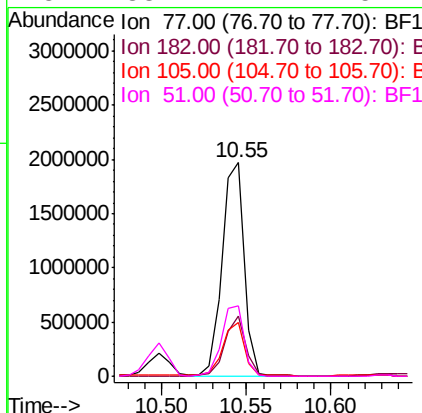
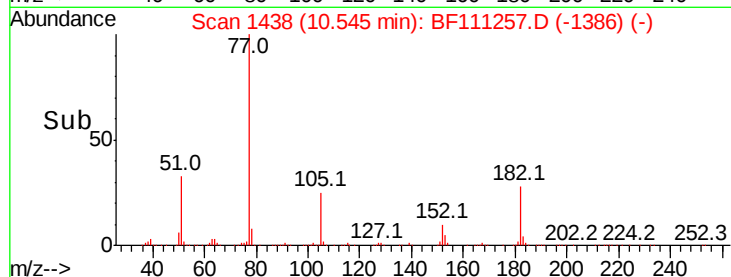
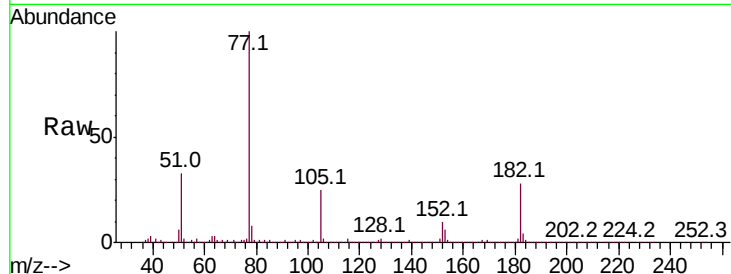
#63
Azobenzene
Concen: 42.017 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2MS

Tot Ion: 77 Resp: 1787967
Ion Ratio Lower Upper
77 100
182 27.9 4.9 44.9
105 25.0 6.0 46.0
51 33.2 14.7 54.7

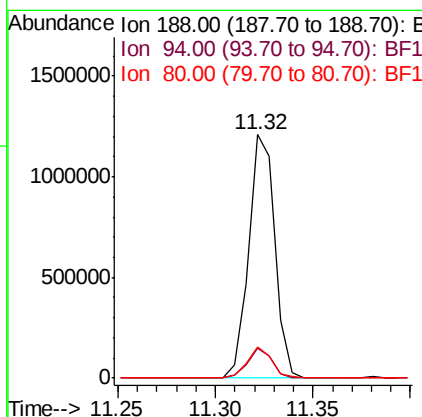
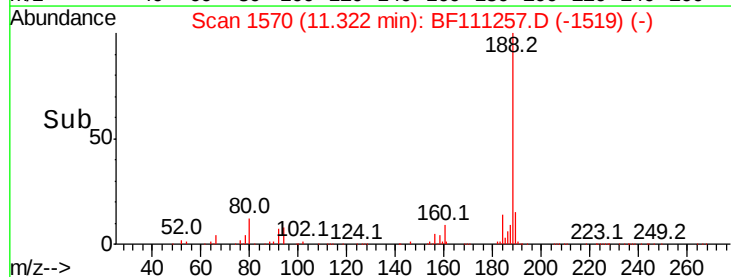
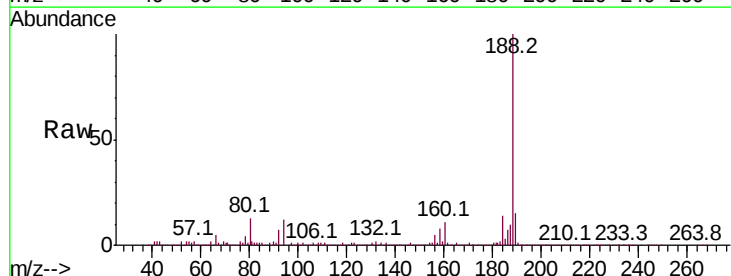
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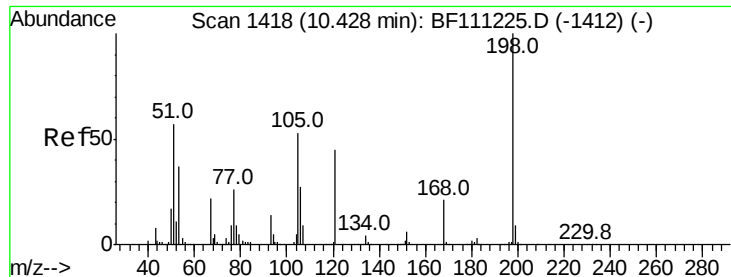
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Tgt Ion: 188 Resp: 1123386
Ion Ratio Lower Upper
188 100
94 12.3 9.6 14.4
80 12.8 9.8 14.6





#65

4,6-Dinitro-2-methylphenol

Concen: 28.748 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.01 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

Instrument :

BNA_F

ClientSampleId :

SAMPLE-2MS

Tot Ion:198 Resp: 188500

Ion Ratio Lower Upper

198 100

51 52.8 48.0 88.0

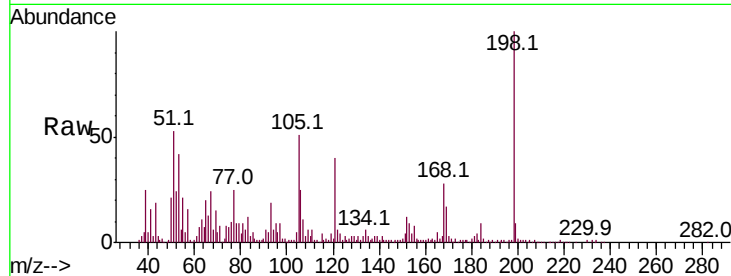
105 50.6 34.0 74.0

Manual Integrations

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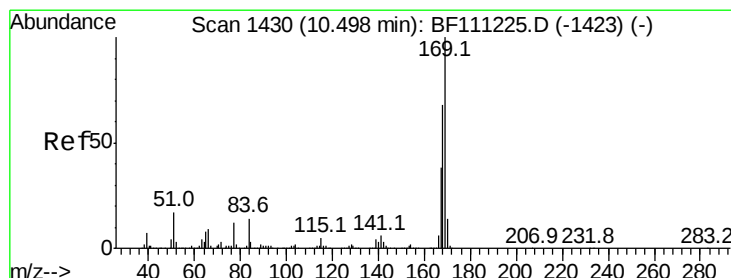
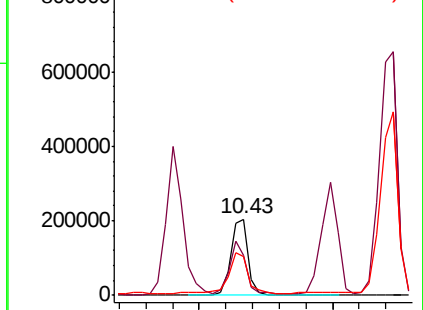
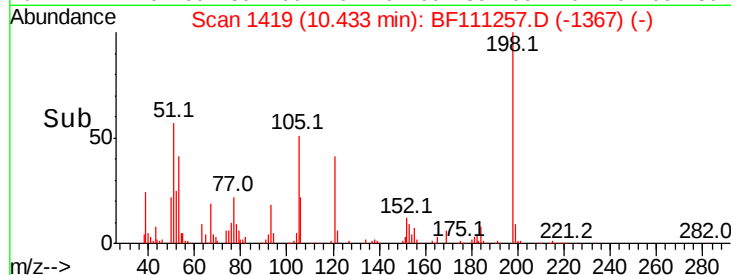
12/11/2018 2:23:40 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.396 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.00 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

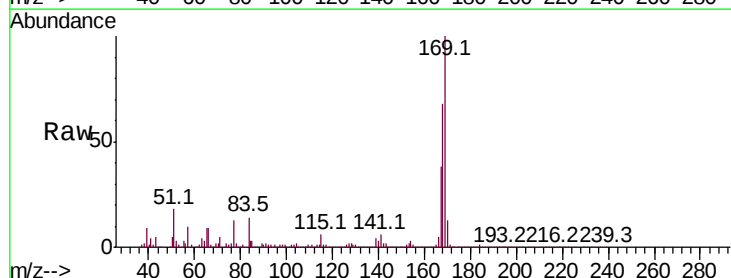
Tgt Ion:169 Resp: 1583022

Ion Ratio Lower Upper

169 100

168 67.6 54.4 81.6

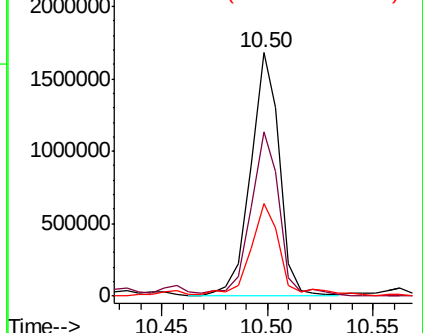
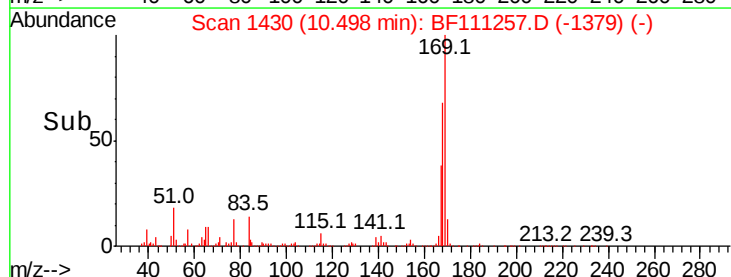
167 37.9 30.5 45.7

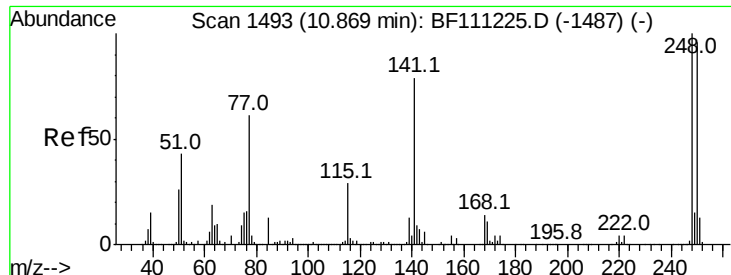


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





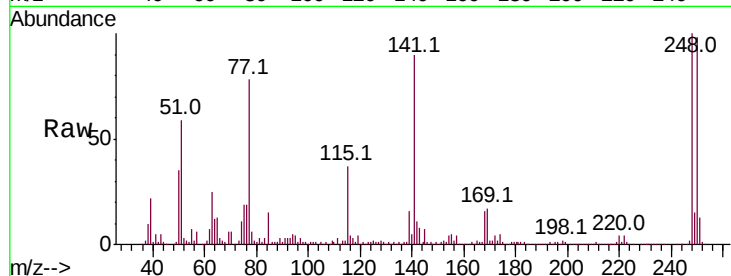
#67
4-Bromophenyl-phenylether
Concen: 36.589 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2MS

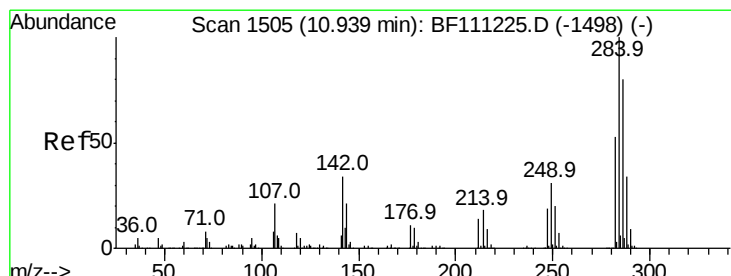
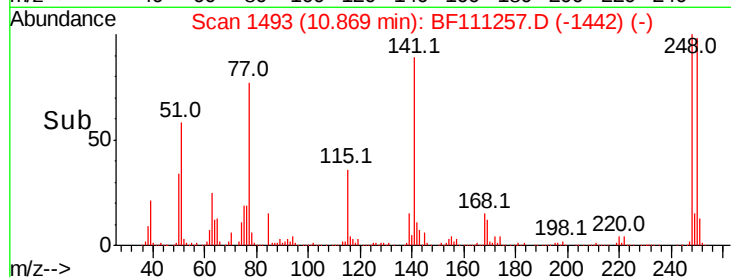
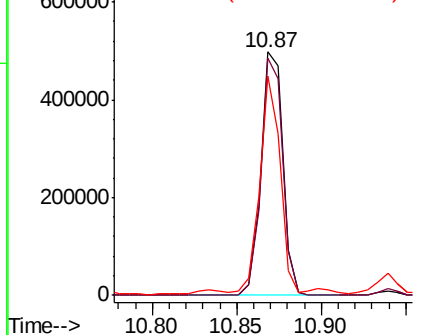
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	77.0	115.4
141	90.2	63.0	94.6

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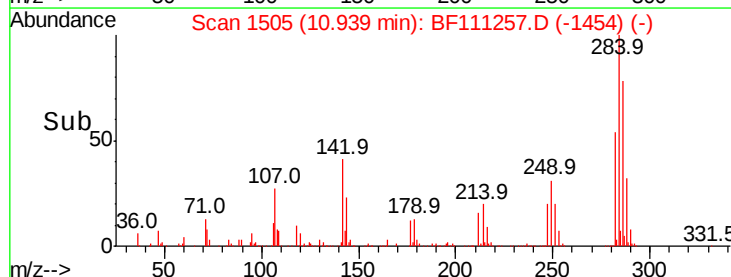
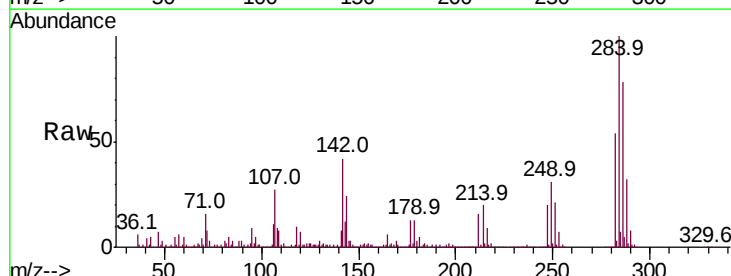
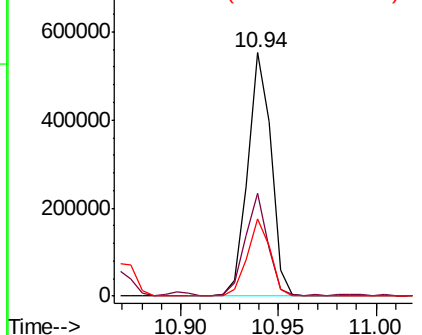
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

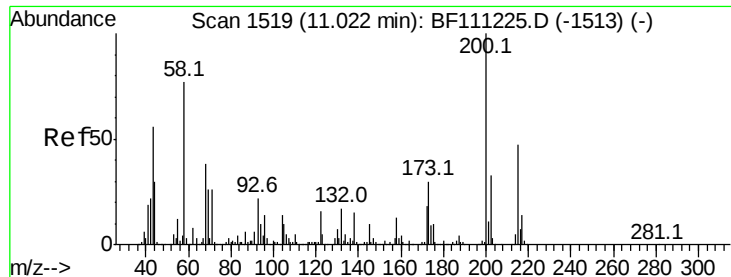


#68
Hexachlorobenzene
Concen: 36.782 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	42.1	27.4	41.2#
249	31.5	24.4	36.6

Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





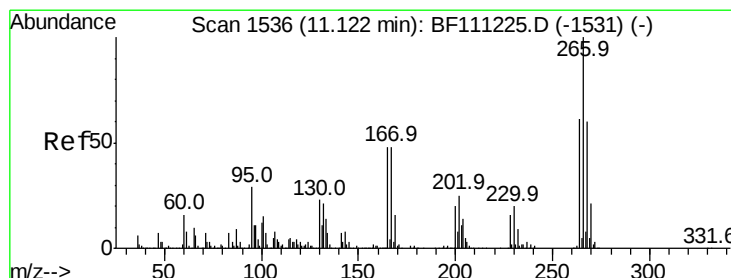
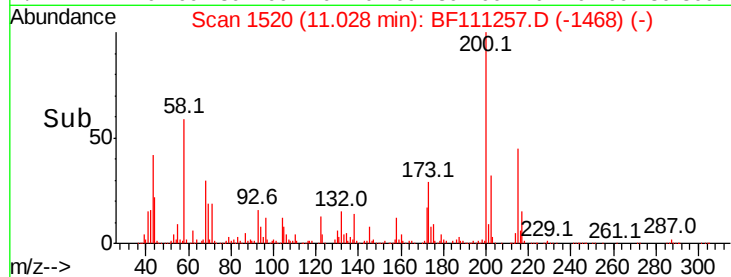
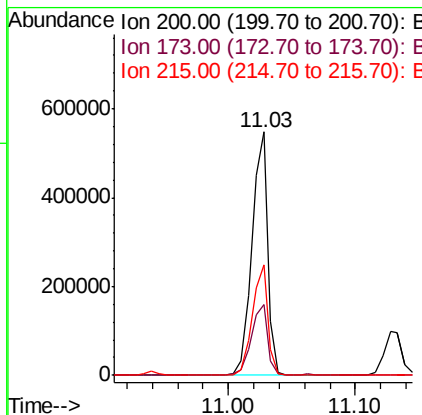
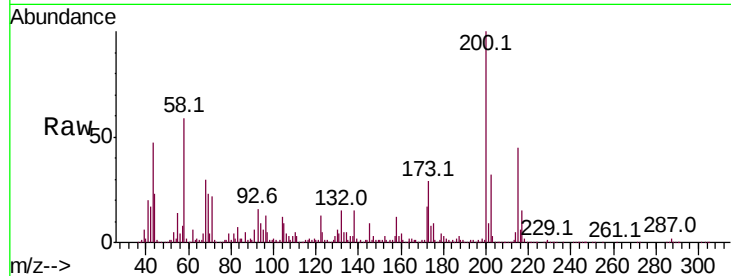
#69
Atrazine
Concen: 40.965 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	29.1	10.1	50.1
215	45.4	26.9	66.9

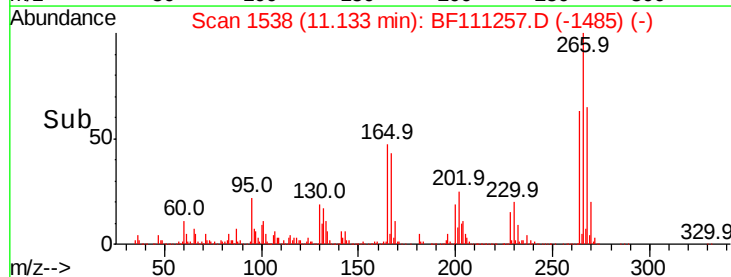
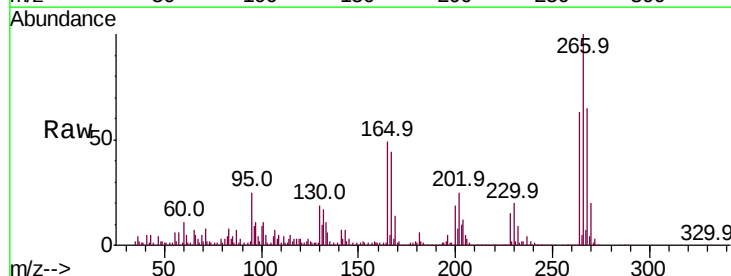
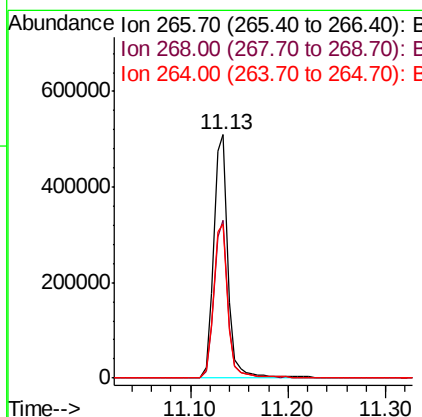
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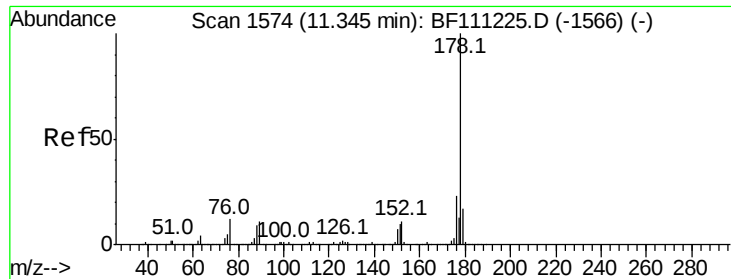
Sohil
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#70
Pentachlorophenol
Concen: 57.391 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.1	47.9	71.9
264	63.4	49.1	73.7





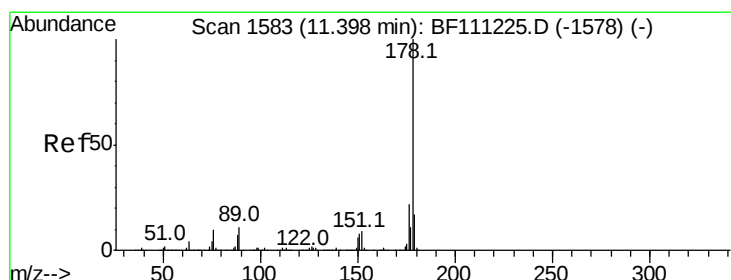
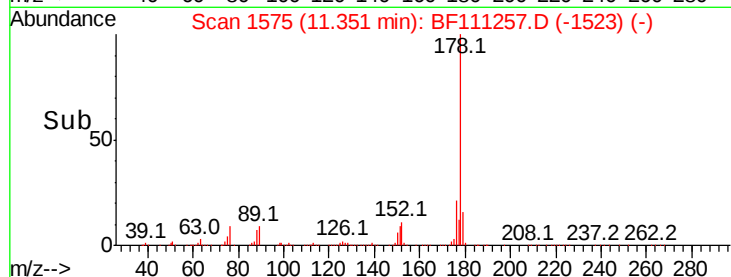
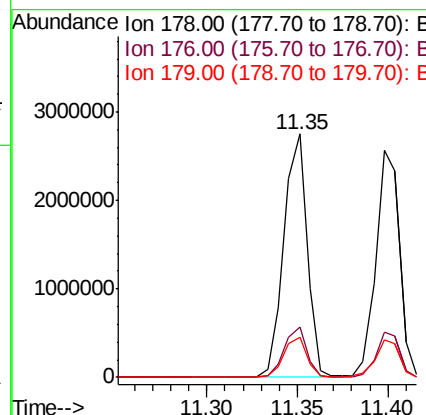
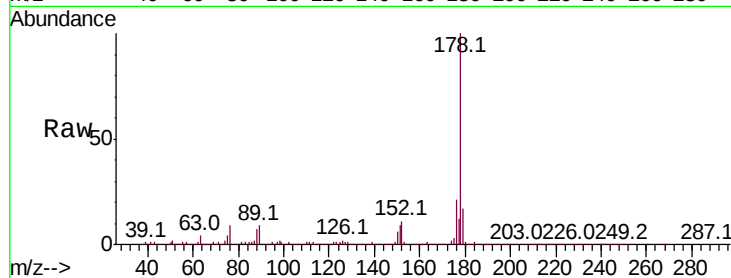
#71
Phenanthrene
Concen: 43.478 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2MS

Tot Ion:178 Resp: 2463567
Ion Ratio Lower Upper
178 100
176 20.9 18.1 27.1
179 16.7 14.0 21.0

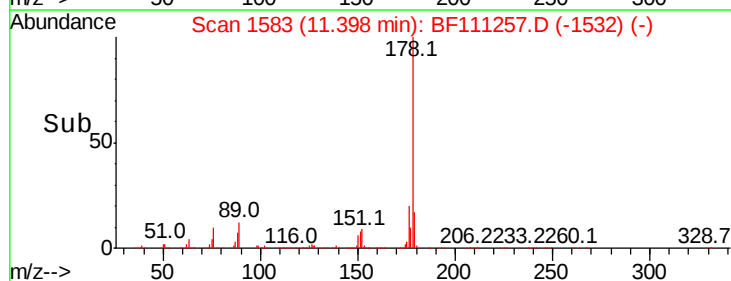
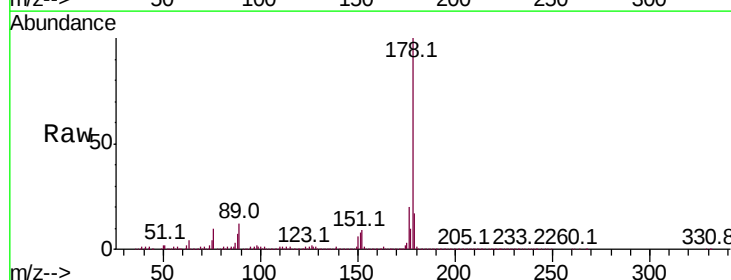
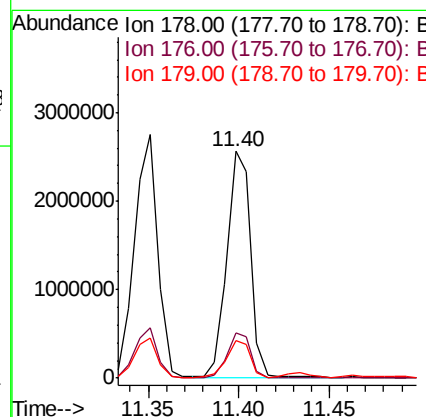
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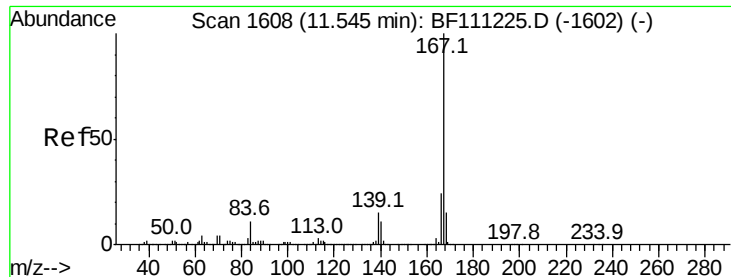
Sohil
12/11/2018 2:23:40 PM



#72
Anthracene
Concen: 39.219 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Tgt Ion:178 Resp: 2324896
Ion Ratio Lower Upper
178 100
176 20.0 17.2 25.8
179 16.7 13.8 20.8





#73

Carbazole

Concen: 33.790 ng

RT: 11.55 min Scan# 1609

Delta R.T. 0.01 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

Instrument :

BNA_F

ClientSampleId :

SAMPLE-2MS

Tot Ion:167 Resp: 2094542

Ion Ratio Lower Upper

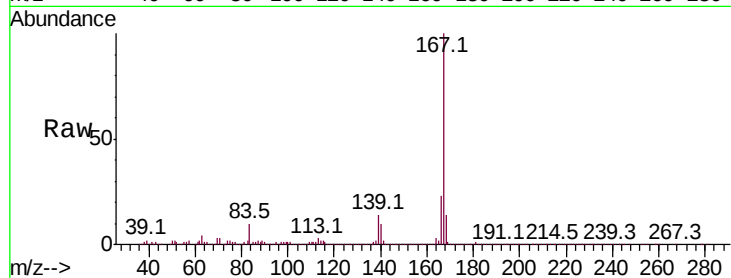
167 100

166 22.6 19.3 28.9

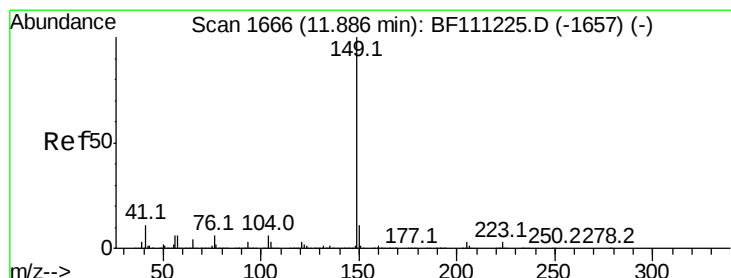
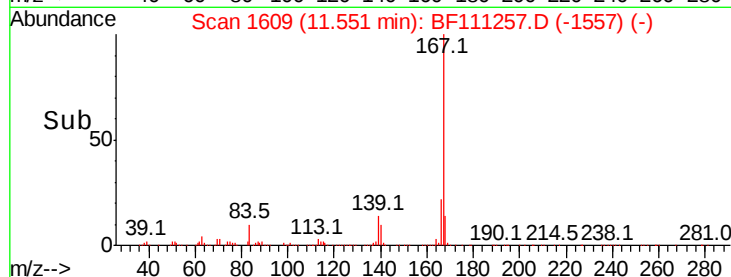
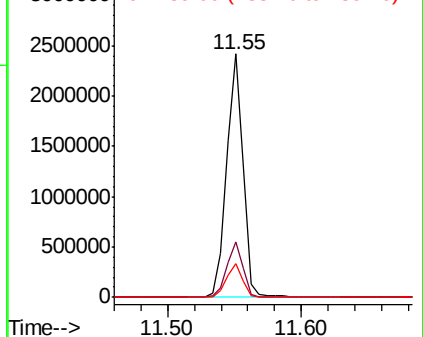
139 14.1 11.9 17.9

Manual Integrations
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12/11/2018 2:23:40 PM



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 31.472 ng

RT: 11.89 min Scan# 1667

Delta R.T. 0.01 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

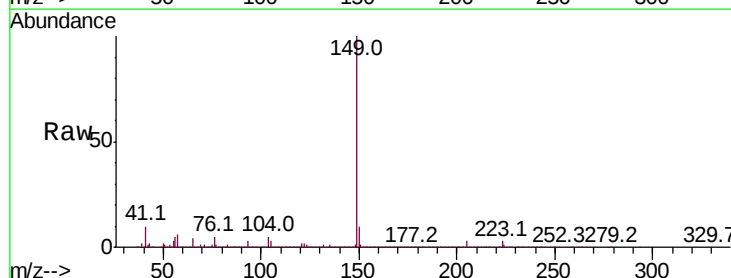
Tgt Ion:149 Resp: 2005145

Ion Ratio Lower Upper

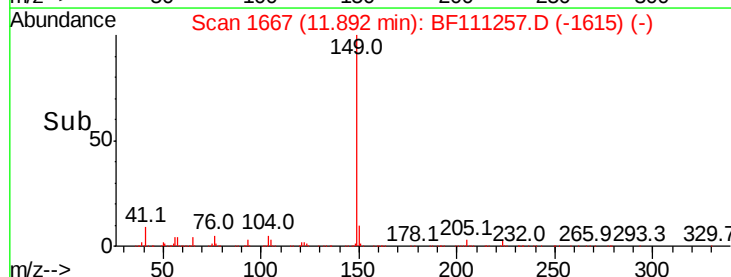
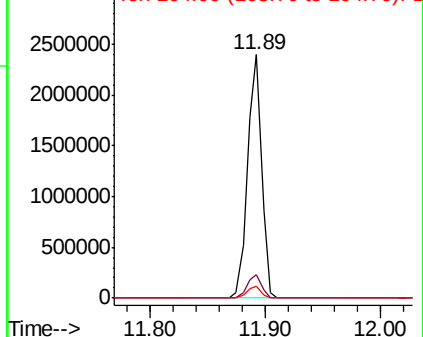
149 100

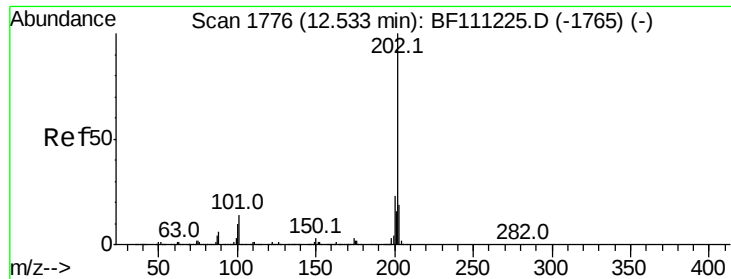
150 9.6 8.8 13.2

104 5.0 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 31.501 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

Instrument :

BNA_F

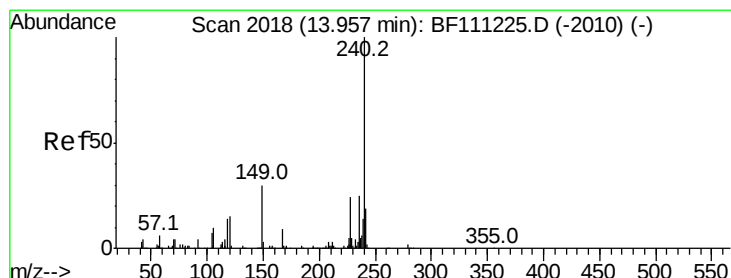
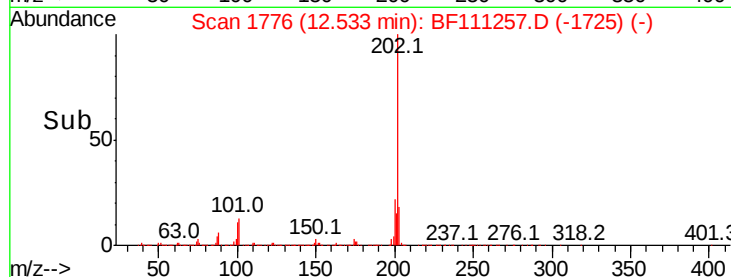
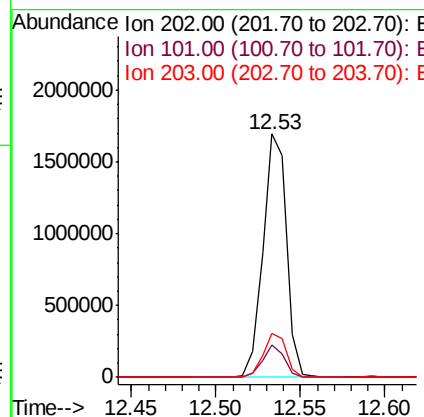
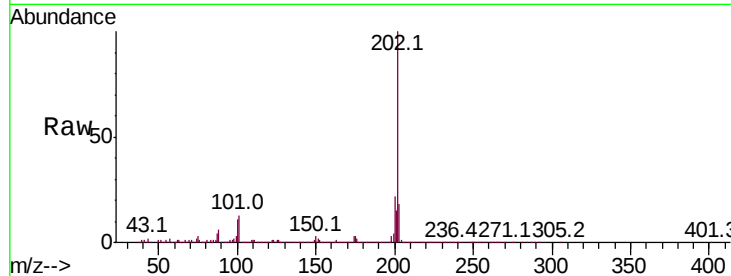
ClientSampleId :

SAMPLE-2MS

Tot Ion:	202	Resp:	1630513
Ion Ratio	Lower	Upper	
202	100		
101	13.2	0.0	33.8
203	18.1	0.0	38.6

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

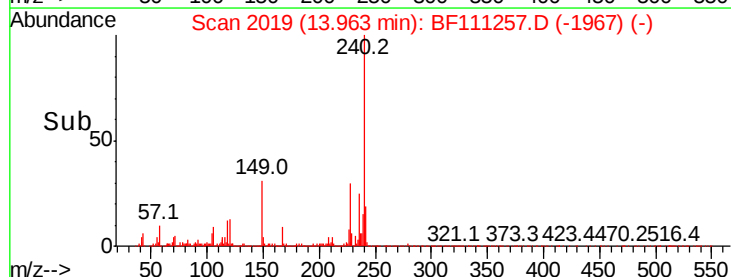
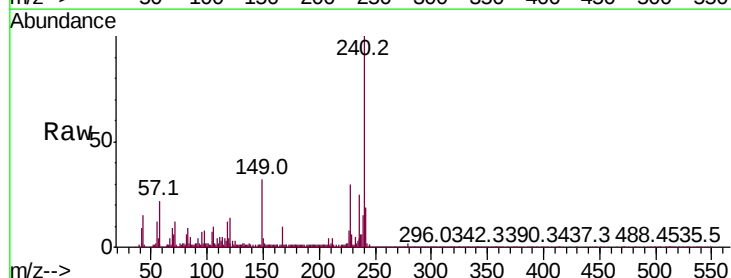
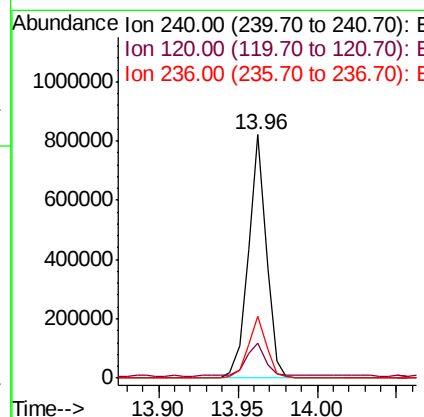
RT: 13.96 min Scan# 2019

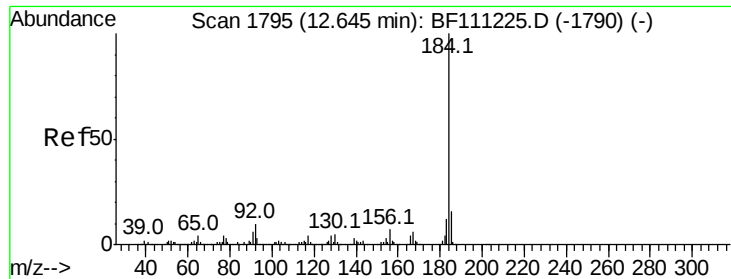
Delta R.T. 0.01 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

Tgt Ion:	240	Resp:	641374
Ion Ratio	Lower	Upper	
240	100		
120	14.1	12.2	18.2
236	25.5	20.2	30.2





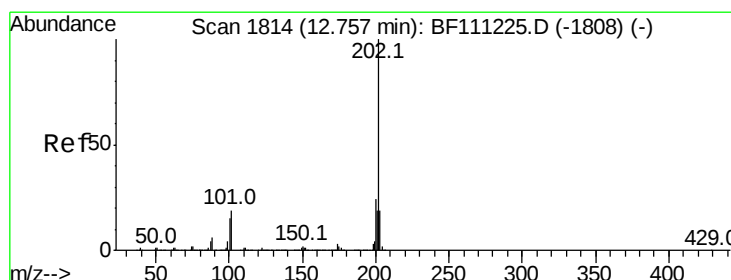
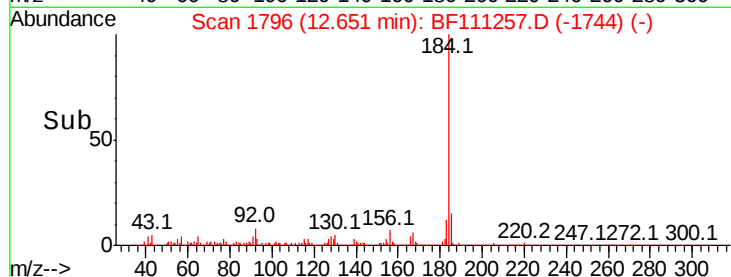
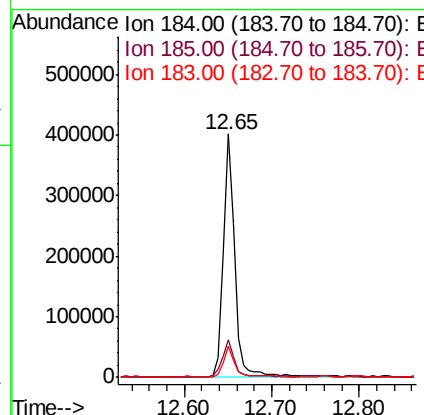
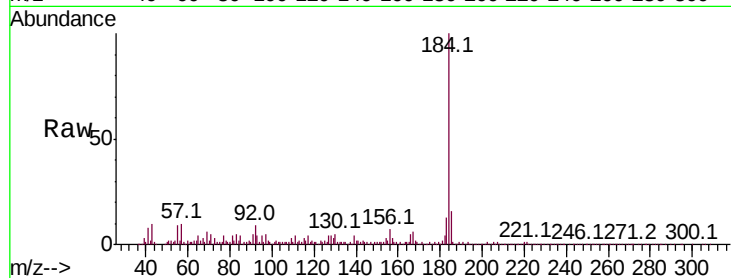
#77
Benzidine
Concen: 19.266 ng
RT: 12.65 min Scan# 1796
Delta R.T. 0.01 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2MS

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.5	13.0	19.6
183	12.7	9.3	13.9

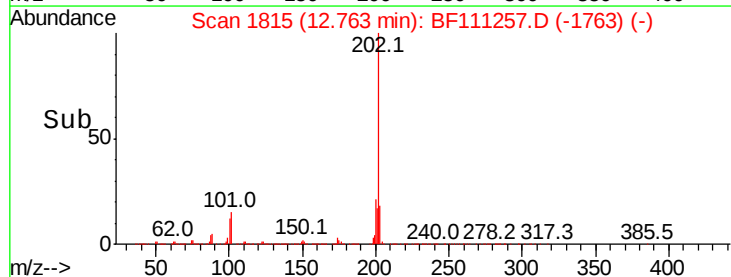
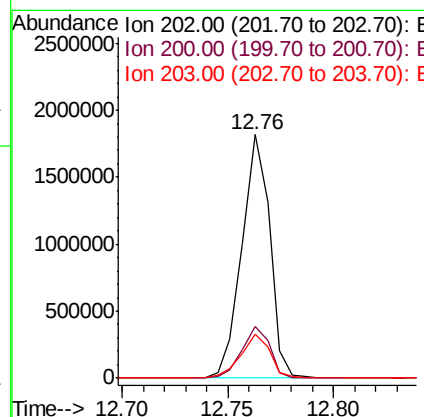
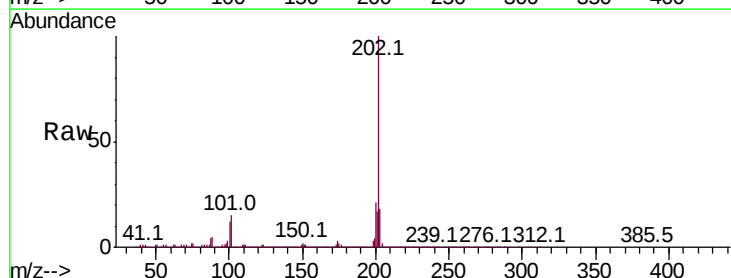
Manual Integrations
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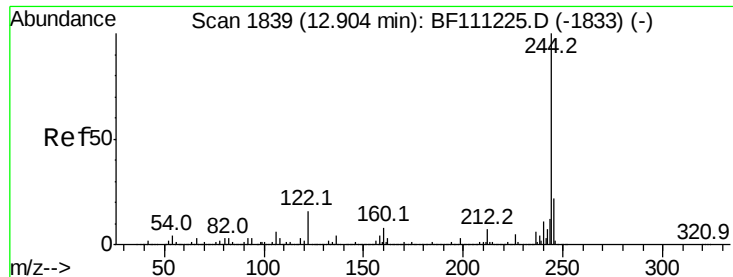
Sohil
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#78
Pyrene
Concen: 36.235 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.01 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	19.0	28.4
203	18.2	15.2	22.8





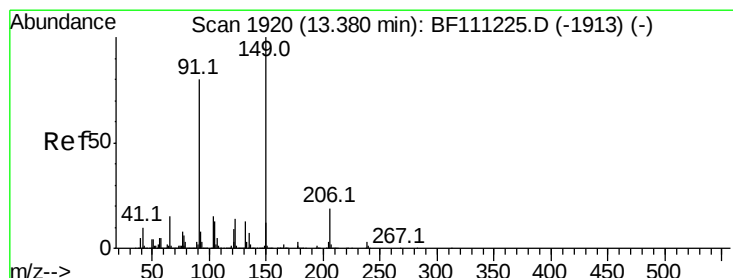
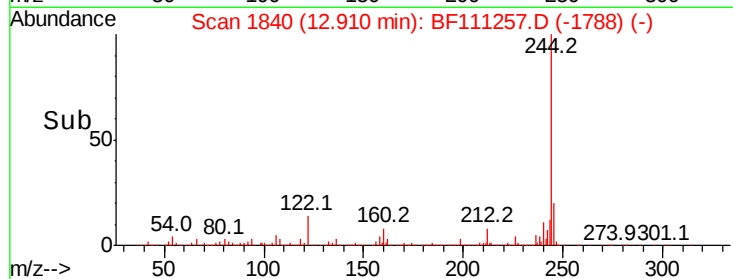
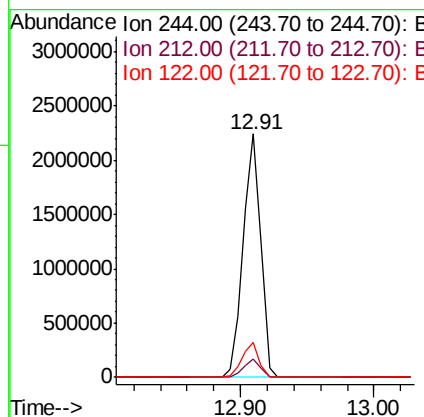
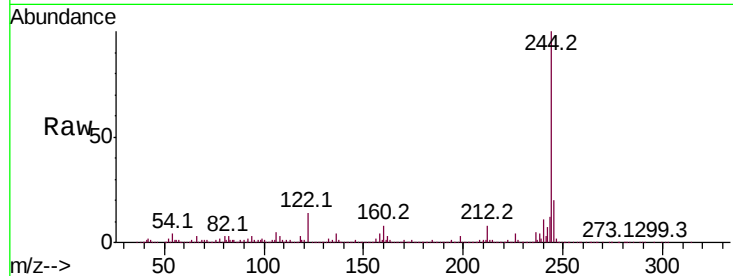
#79
Terphenyl-d14
Concen: 77.022 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	14.2	13.1	19.7

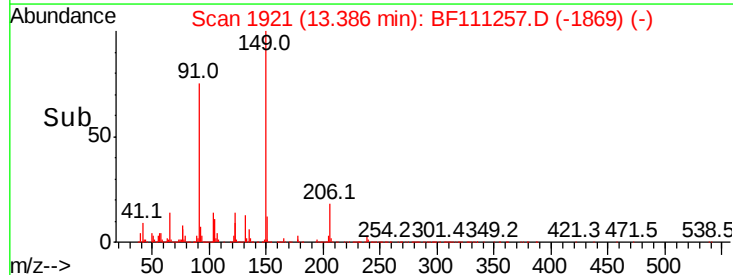
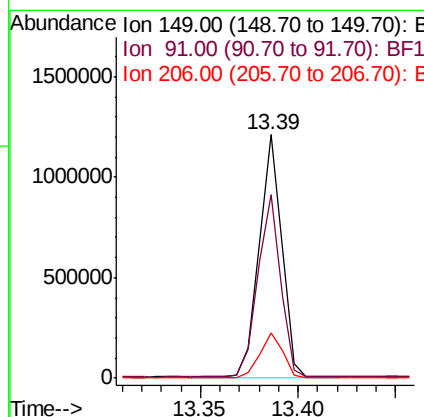
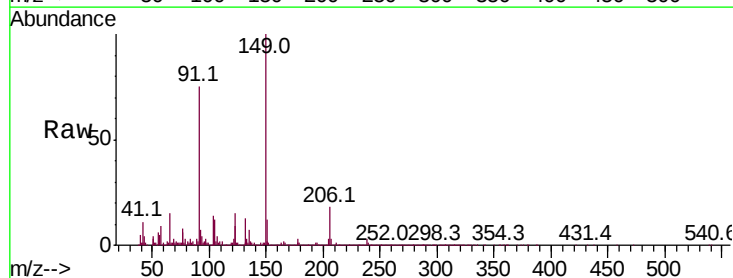
Manual Integrations
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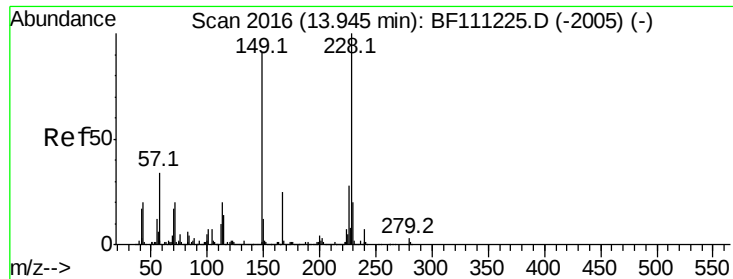
Sohil
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#80
Butylbenzylphthalate
Concen: 40.489 ng
RT: 13.39 min Scan# 1921
Delta R.T. 0.01 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.2	63.8	95.6
206	18.5	15.1	22.7





#81

Benzo(a)anthracene

Concen: 41.703 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

Instrument :

BNA_F

ClientSampleId :

SAMPLE-2MS

Tot Ion:228 Resp: 1492225

Ion Ratio Lower Upper

228 100

226 27.7 22.6 34.0

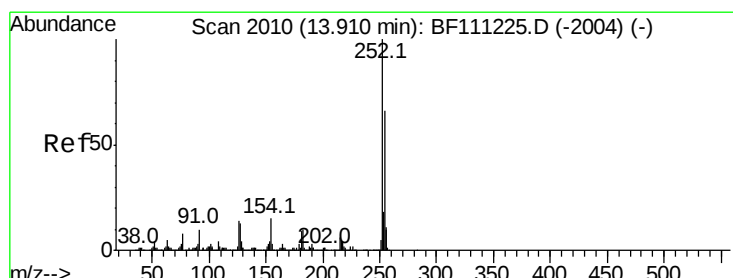
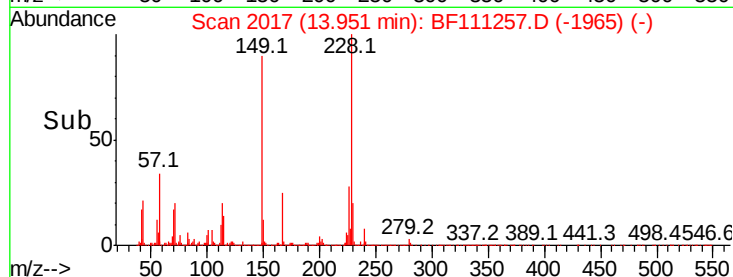
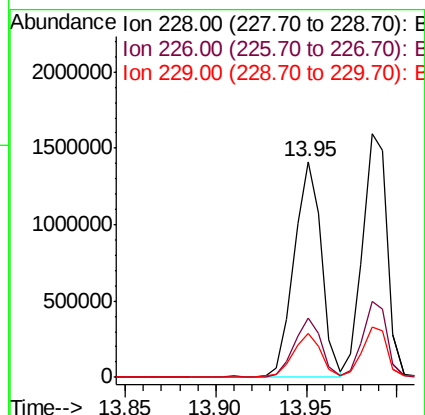
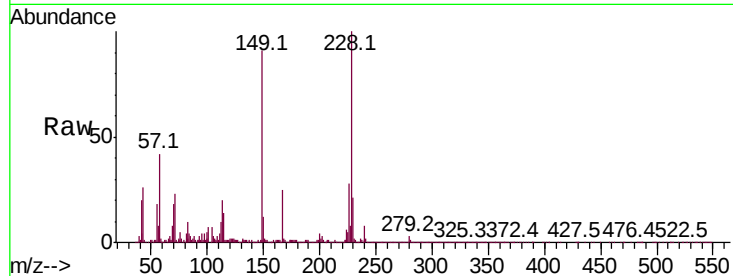
229 20.6 16.3 24.5

Manual Integrations

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#82

3,3'-Dichlorobenzidine

Concen: 19.457 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

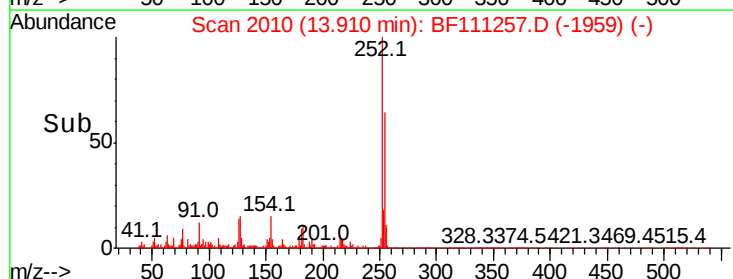
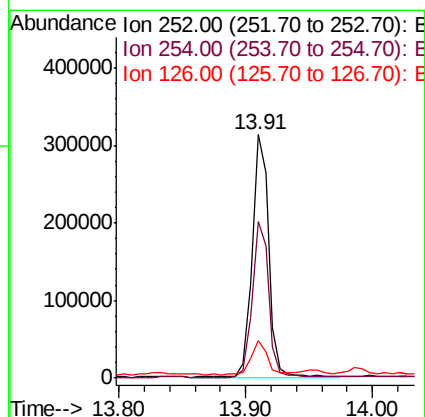
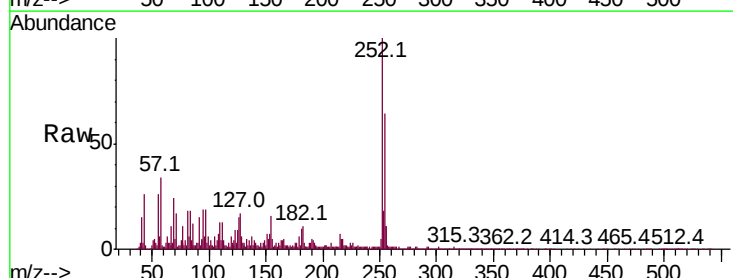
Tgt Ion:252 Resp: 285359

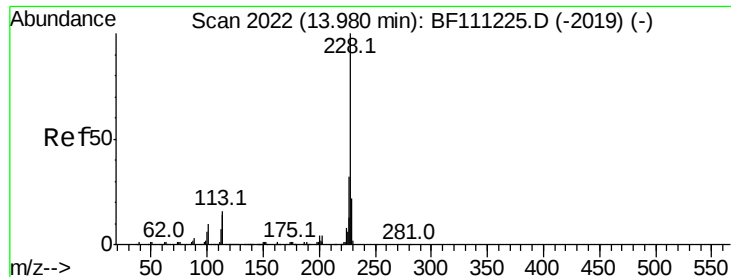
Ion Ratio Lower Upper

252 100

254 64.2 52.7 79.1

126 15.2 11.1 16.7





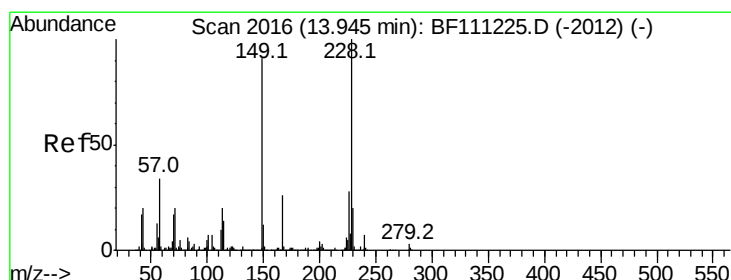
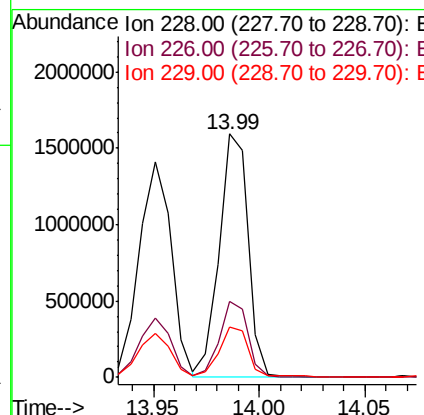
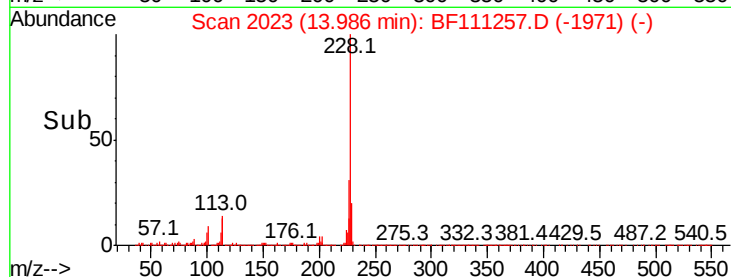
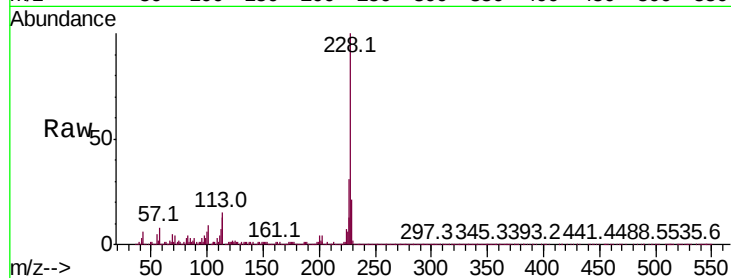
#83
 Chrysene
 Concen: 40.826 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF111257.D
 Acq: 10 Dec 2018 22:09

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-2MS

Tot Ion:228 Resp: 1505998
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.3 37.9
 229 20.5 17.2 25.8

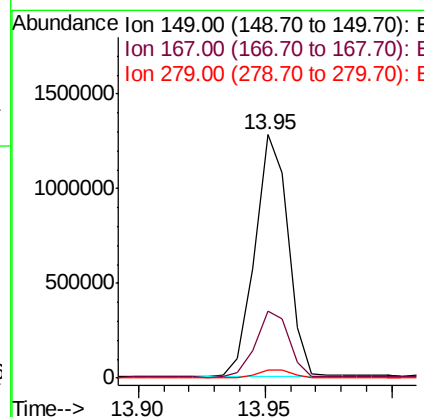
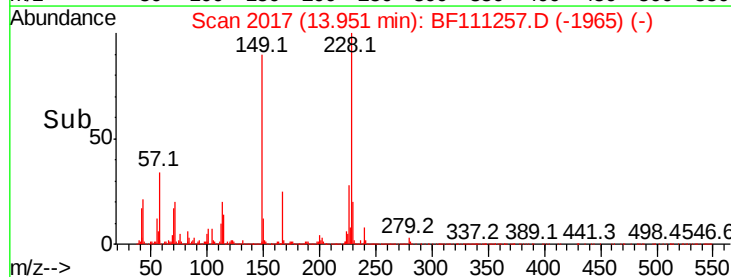
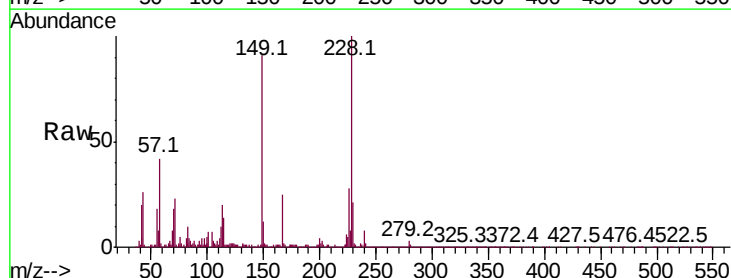
Manual Integrations
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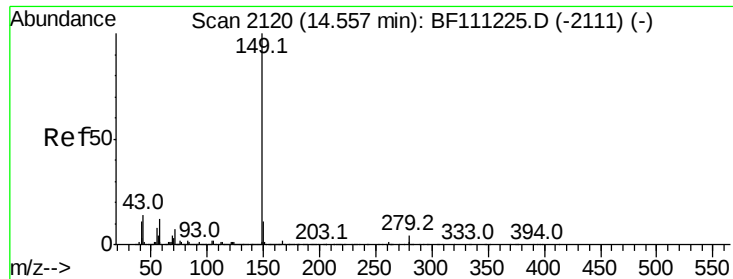
Sohil
 12/11/2018 2:23:40 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.777 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF111257.D
 Acq: 10 Dec 2018 22:09

Tgt Ion:149 Resp: 1159951
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.5 33.7
 279 3.1 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 45.376 ng

RT: 14.57 min Scan# 2122

Delta R.T. 0.01 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

Instrument :

BNA_F

ClientSampleId :

SAMPLE-2MS

Tot Ion:149 Resp: 2163518

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

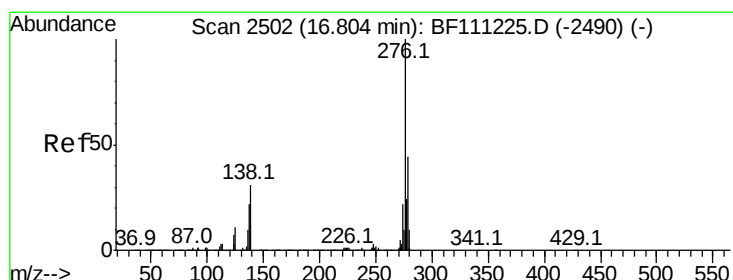
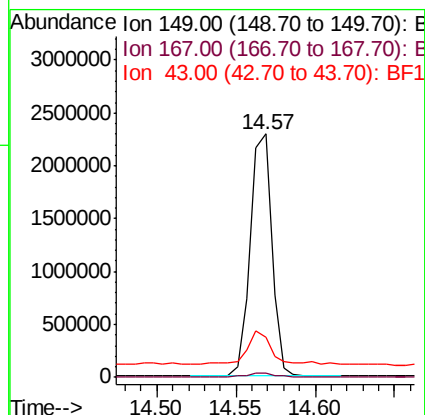
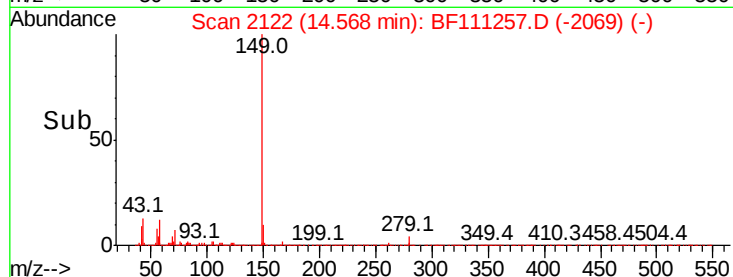
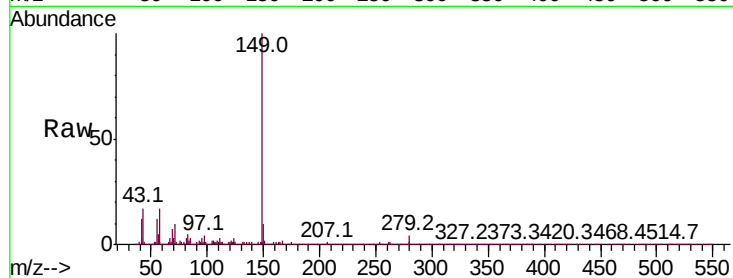
43 18.9 10.9 16.3#

Manual Integrations

APPROVED

Sohil

12/11/2018 2:23:40 PM



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.603 ng

RT: 16.82 min Scan# 2505

Delta R.T. 0.02 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

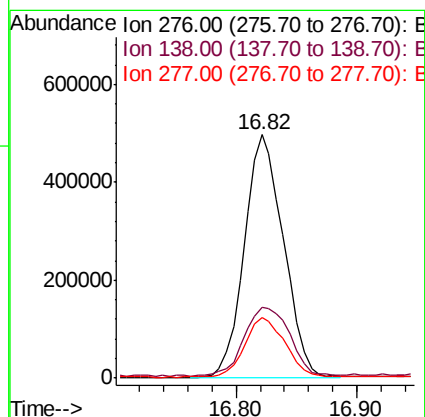
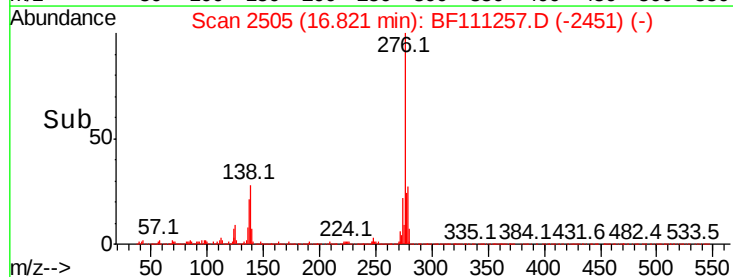
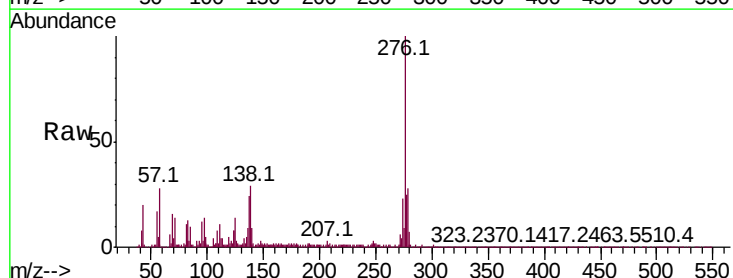
Tgt Ion:276 Resp: 1119697

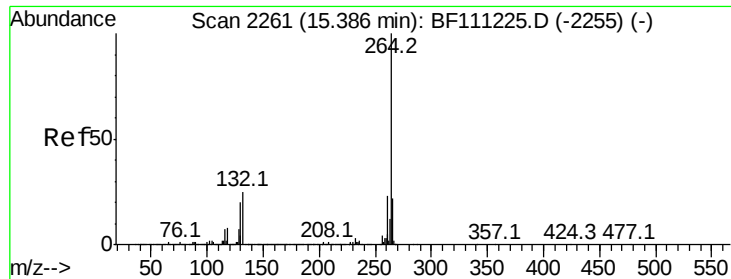
Ion Ratio Lower Upper

276 100

138 32.8 27.8 41.6

277 25.5 20.1 30.1





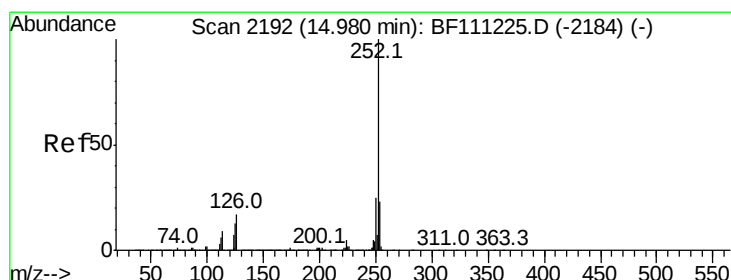
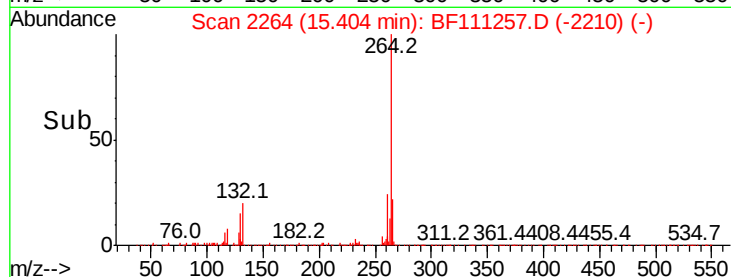
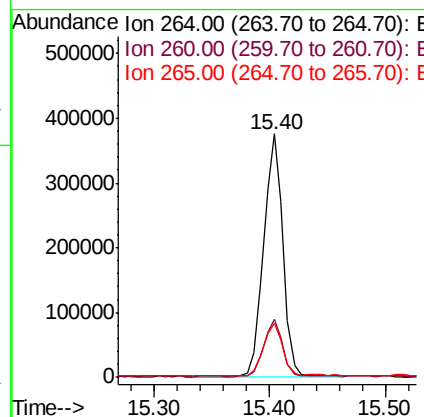
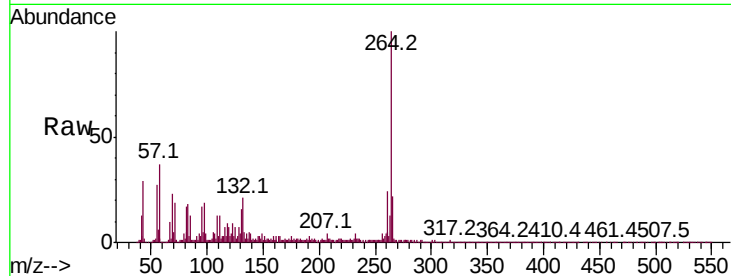
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.02 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.3	27.5
265	22.3	17.7	26.5

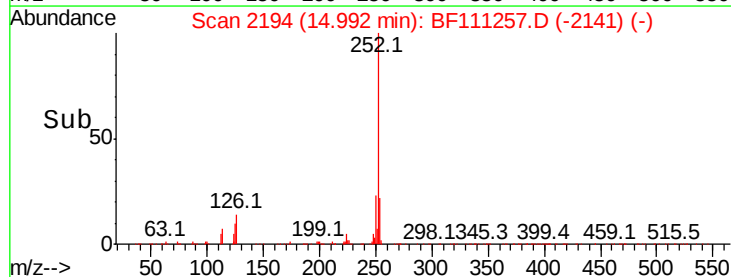
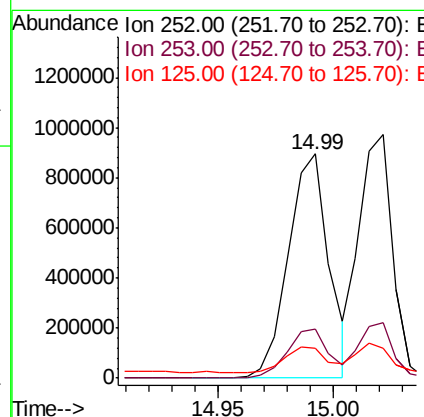
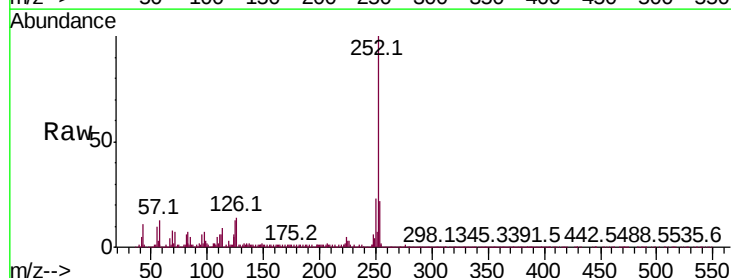
Manual Integrations
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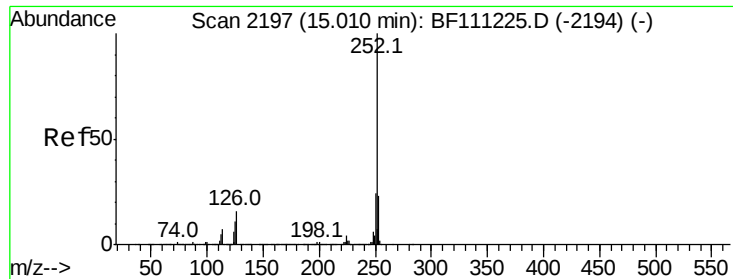
Sohil
12/11/2018 2:23:40 PM



#88
Benzo(b)fluoranthene
Concen: 44.988 ng
RT: 14.99 min Scan# 2194
Delta R.T. 0.01 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	13.2	10.4	15.6





#89

Benzo(k)fluoranthene

Concen: 43.159 ng

RT: 15.02 min Scan# 2199

Delta R.T. 0.01 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

Instrument :

BNA_F

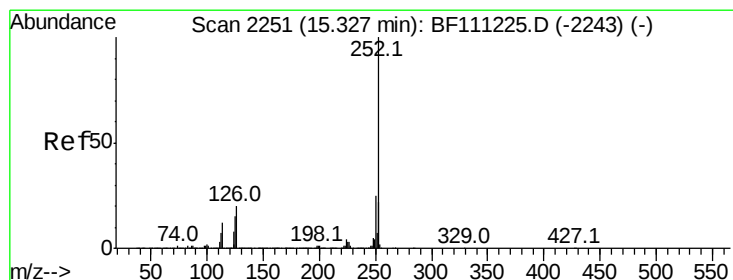
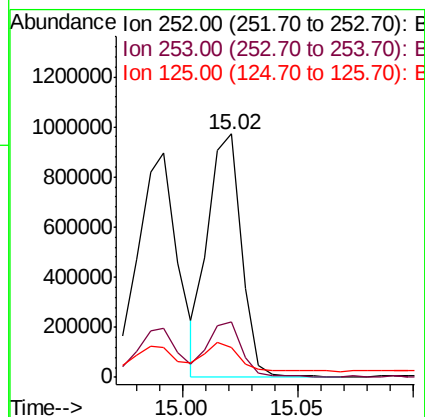
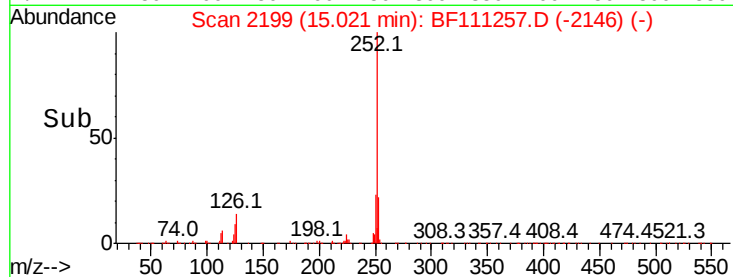
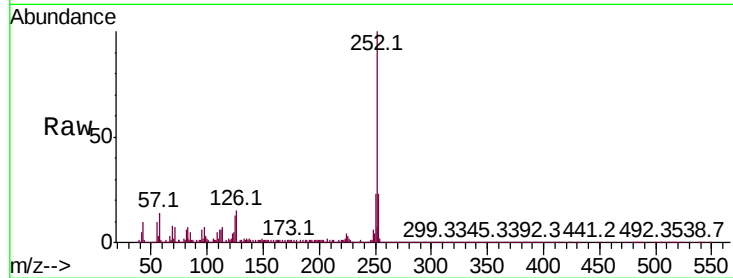
ClientSampleId :

SAMPLE-2MS

Tot Ion:	252	Resp:	974516
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.1	27.1
125	12.5	9.8	14.8

Manual Integrations
APPROVED

Sohil
12/11/2018 2:23:40 PM



#90

Benzo(a)pyrene

Concen: 42.135 ng

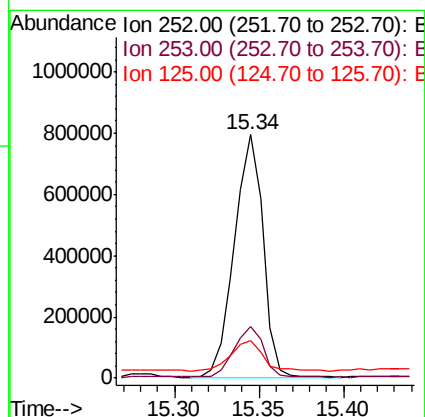
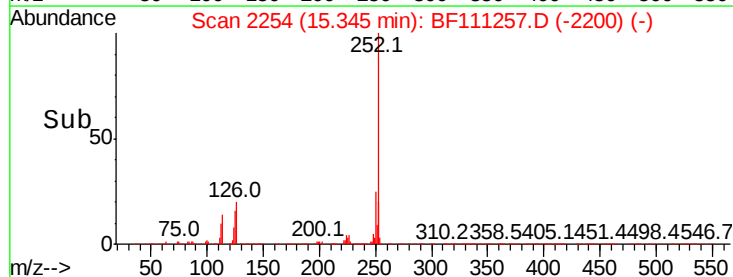
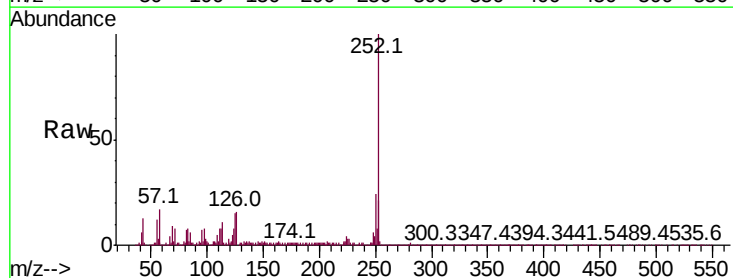
RT: 15.34 min Scan# 2254

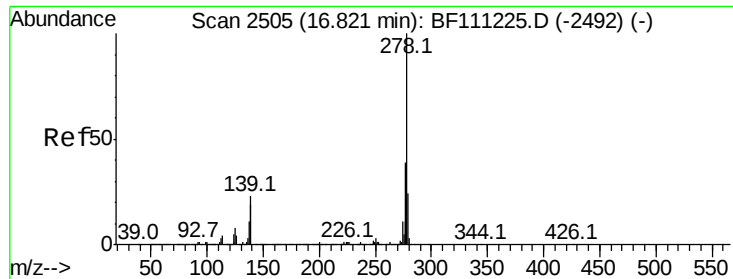
Delta R.T. 0.02 min

Lab File: BF111257.D

Acq: 10 Dec 2018 22:09

Tgt Ion:	252	Resp:	931842
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.8	26.8
125	15.4	12.3	18.5





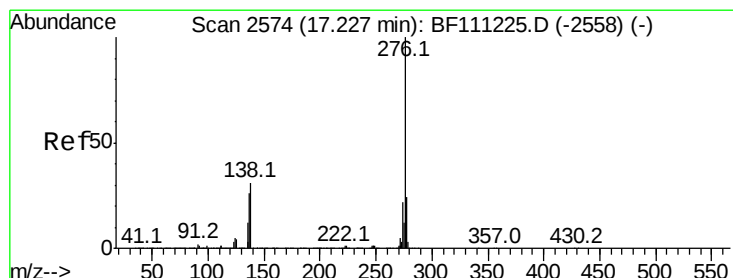
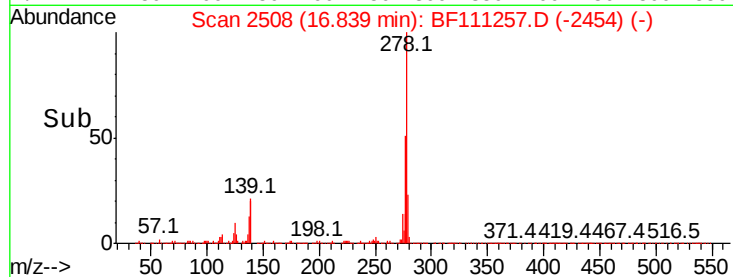
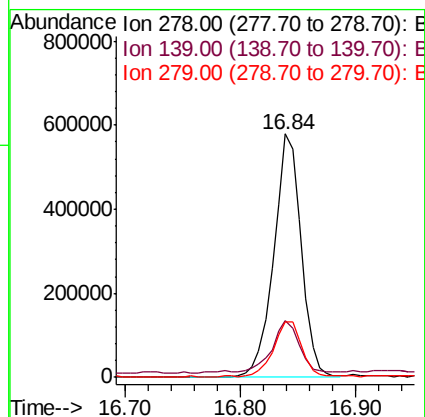
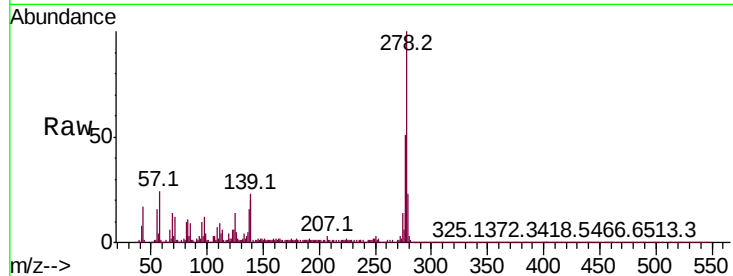
#91
Dibenzo(a,h)anthracene
Concen: 54.600 ng
RT: 16.84 min Scan# 2508
Delta R.T. 0.02 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2MS

Tot Ion:	278	Resp:	948448
Ion Ratio	Lower	Upper	
278	100		
139	23.2	18.2	27.4
279	22.8	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/11/2018 2:23:40 PM



#92
Benzo(g,h,i)perylene
Concen: 43.224 ng
RT: 17.25 min Scan# 2578
Delta R.T. 0.02 min
Lab File: BF111257.D
Acq: 10 Dec 2018 22:09

Tgt Ion:	276	Resp:	751607
Ion Ratio	Lower	Upper	
276	100		
277	23.7	19.2	28.8
138	26.1	24.9	37.3

