

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
 Data File : BF111205.D
 Acq On : 8 Dec 2018 00:06
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 12/11/2018 8:44:51 AM

Quant Time: Dec 08 03:11:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	445923	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1643235	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	841746	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1138575	20.00	ng	0.00
76) Chrysene-d12	13.96	240	871879	20.00	ng	0.01
87) Perylene-d12	15.39	264	786238	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	2097923	73.41	ng	0.00
7) Phenol-d6	6.44	99	2741126	74.46	ng	0.00
23) Nitrobenzene-d5	7.37	82	2517806	90.71	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	473514	70.77	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3989339	88.28	ng	0.00
79) Terphenyl-d14	12.91	244	3158931	74.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	658064	40.035	ng	96
3) Pyridine	3.23	79	1458349	40.004	ng	94
4) n-Nitrosodimethylamine	3.16	42	653861	36.428	ng	84
6) Aniline	6.47	93	1846950	37.554	ng	100
8) 2-Chlorophenol	6.59	128	1329963	40.378	ng	97
9) Benzaldehyde	6.35	77	857754	44.465	ng	99
10) Phenol	6.45	94	1661839	41.403	ng	98
11) bis(2-Chloroethyl)ether	6.55	93	1343910	40.967	ng	95
12) 1,3-Dichlorobenzene	6.75	146	1392785	39.760	ng	95
13) 1,4-Dichlorobenzene	6.83	146	1374725	38.997	ng	95
14) 1,2-Dichlorobenzene	6.98	146	1250442	38.132	ng	99
15) Benzyl Alcohol	6.95	79	1100458	37.730	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	2352281	36.862	ng	98
17) 2-Methylphenol	7.06	107	1023016	37.837	ng	99
18) Hexachloroethane	7.32	117	505026	38.189	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	943583	38.143	ng	95
20) 3+4-Methylphenols	7.22	107	1239731	37.594	ng	# 86
22) Acetophenone	7.22	105	1639775	41.293	ng	95
24) Nitrobenzene	7.39	77	1374645	46.036	ng	97
25) Isophorone	7.63	82	2021372	39.683	ng	100
26) 2-Nitrophenol	7.70	139	630139	49.944	ng	91
27) 2,4-Dimethylphenol	7.74	122	968504	40.759	ng	97
28) bis(2-Chloroethoxy)methane	7.84	93	1392979	40.396	ng	99
29) 2,4-Dichlorophenol	7.95	162	971389	41.525	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	964321	40.841	ng	98
31) Naphthalene	8.11	128	2942503	41.128	ng	98
32) Benzoic acid	7.85	122	795600m	50.775	ng	
33) 4-Chloroaniline	8.16	127	1363939	39.439	ng	97
34) Hexachlorobutadiene	8.24	225	584667	45.565	ng	99
35) Caprolactam	8.53	113	366852	42.712	ng	# 88
36) 4-Chloro-3-methylphenol	8.64	107	1178759	46.004	ng	97
37) 2-Methylnaphthalene	8.80	142	2220285	44.990	ng	99
38) 1-Methylnaphthalene	8.90	142	2150588	45.327	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	965135	43.021	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	302077	25.536	ng	99
43) 2,4,6-Trichlorophenol	9.08	196	706189	43.100	ng	98
44) 2,4,5-Trichlorophenol	9.12	196	719119	43.295	ng	100
46) 1,1'-Biphenyl	9.27	154	2833301	41.117	ng	100
47) 2-Chloronaphthalene	9.29	162	2254385	42.102	ng	97
48) 2-Nitroaniline	9.38	65	787877	45.404	ng	95
49) Acenaphthylene	9.70	152	3171176	42.369	ng	99
50) Dimethylphthalate	9.57	163	2494278	42.577	ng	99
51) 2,6-Dinitrotoluene	9.62	165	591370	47.613	ng	90
52) Acenaphthene	9.88	154	1853551	37.486	ng	100
53) 3-Nitroaniline	9.79	138	676011	43.330	ng	91
54) 2,4-Dinitrophenol	9.89	184	88510	27.238	ng	# 69
55) Dibenzofuran	10.05	168	2545629	37.378	ng	95
56) 4-Nitrophenol	9.94	139	446910	38.014	ng	91
57) 2,4-Dinitrotoluene	10.02	165	679502	42.360	ng	96
58) Fluorene	10.39	166	1632808	33.998	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	482535	38.925	ng	94
60) Diethylphthalate	10.27	149	2035307	34.765	ng	98
61) 4-Chlorophenyl-phenylether	10.39	204	826312	34.912	ng	94
62) 4-Nitroaniline	10.40	138	484295	34.394	ng	97
63) Azobenzene	10.55	77	2043275	32.782	ng	94
65) 4,6-Dinitro-2-methylphenol	10.43	198	147635	31.386	ng	81
66) n-Nitrosodiphenylamine	10.50	169	1665102	41.766	ng	98
67) 4-Bromophenyl-phenylether	10.87	248	520817	43.212	ng	91
68) Hexachlorobenzene	10.94	284	523775	42.500	ng	95
69) Atrazine	11.03	200	450239	Below Cal		97
70) Pentachlorophenol	11.13	266	324396	40.027	ng	97
71) Phenanthrene	11.35	178	2319098	42.345	ng	96
72) Anthracene	11.40	178	2300115	41.665	ng	97
73) Carbazole	11.55	167	2277609	39.650	ng	97
74) Di-n-butylphthalate	11.89	149	2931239	43.592	ng	99
75) Fluoranthene	12.53	202	2366782	44.163	ng	99
77) Benzidine	12.65	184	1023634	41.477	ng	99
78) Pyrene	12.76	202	2515788	37.037	ng	98
80) Butylbenzylphthalate	13.39	149	1252677	38.175	ng	95
81) Benzo(a)anthracene	13.95	228	1974029	38.643	ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	807510	41.887	ng	99
83) Chrysene	13.99	228	1995352	39.346	ng	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	1528856	38.573	ng	99
85) Di-n-octyl phthalate	14.56	149	2349220	37.703	ng	98
86) Indeno(1,2,3-cd)pyrene	16.81	276	1627016	39.959	ng	# 85
88) Benzo(b)fluoranthene	14.99	252	1789182	40.160	ng	98
89) Benzo(k)fluoranthene	15.02	252	1623381	37.692	ng	98
90) Benzo(a)pyrene	15.34	252	1621069	39.669	ng	97
91) Dibenzo(a,h)anthracene	16.83	278	1394977	40.678	ng	98
92) Benzo(g,h,i)perylene	17.23	276	1257092	36.479	ng	99

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

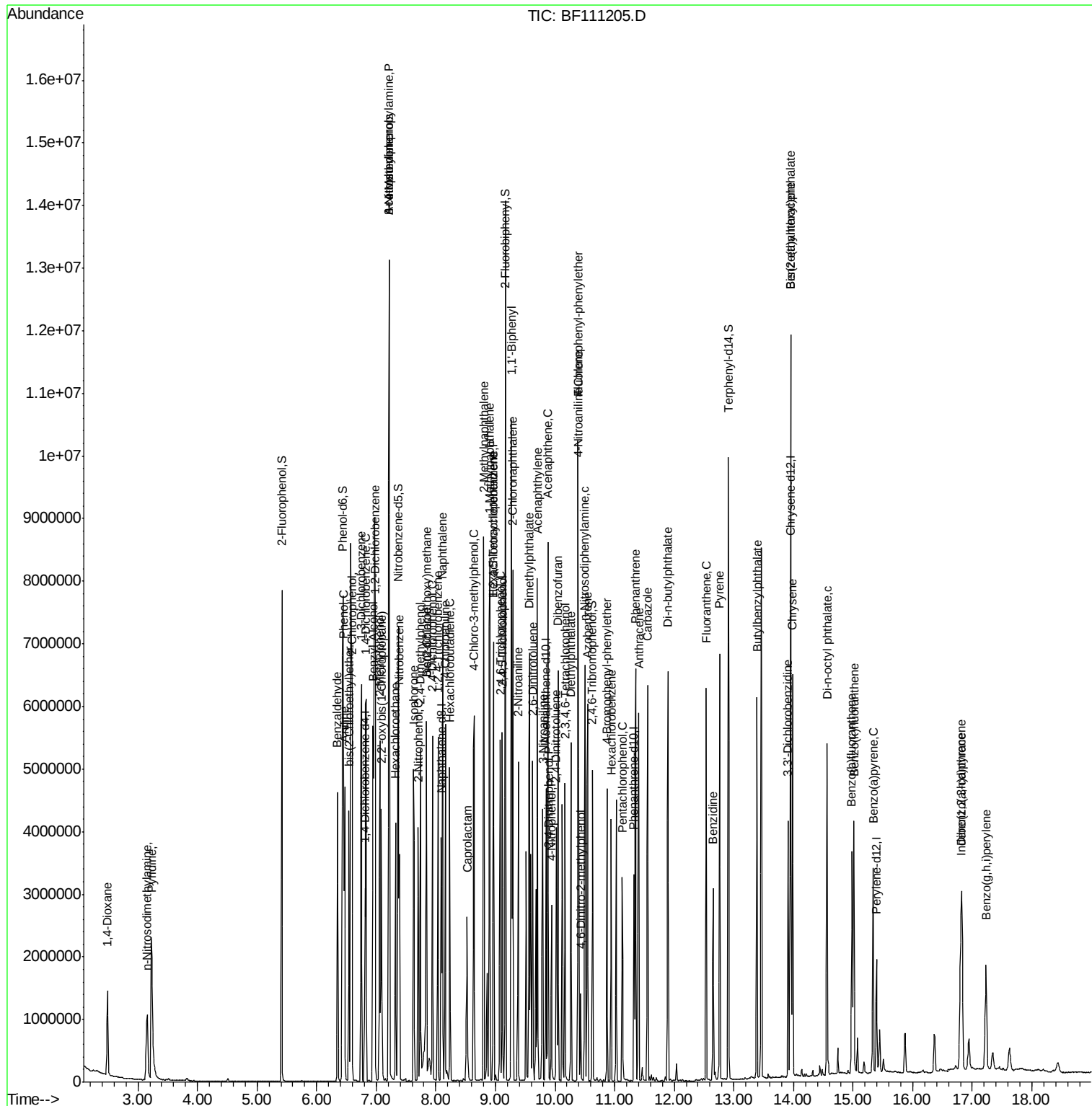
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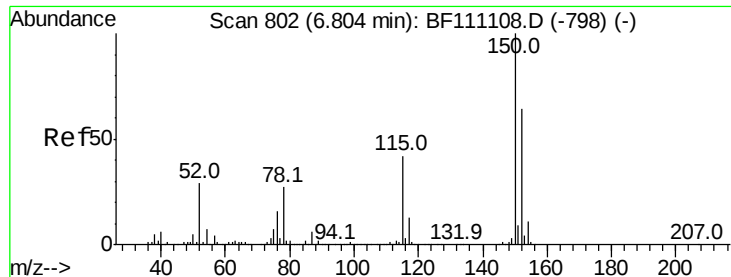
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#1

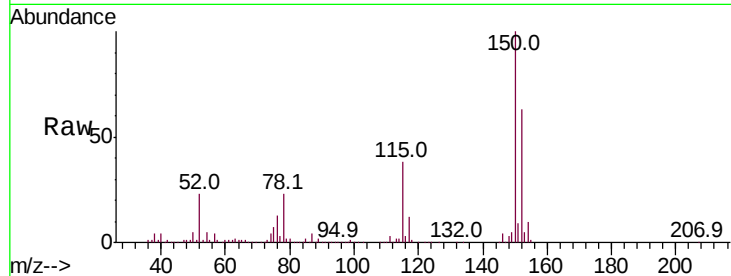
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF111205.D
Acq: 8 Dec 2018 00:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	187.0
115	59.9	52.2	78.2

Manual Integrations
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12/11/2018 8:44:51 AM

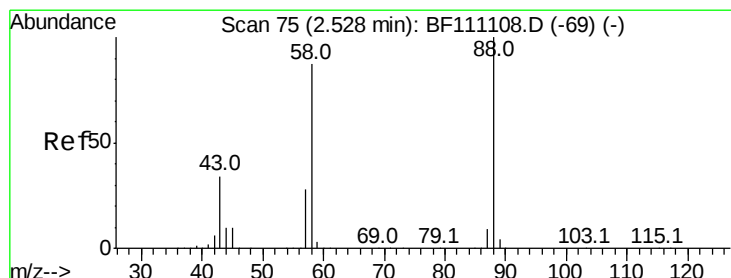
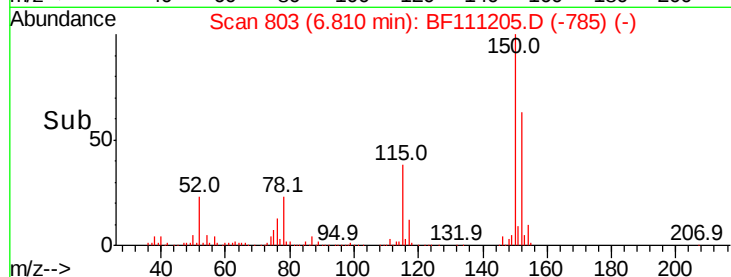
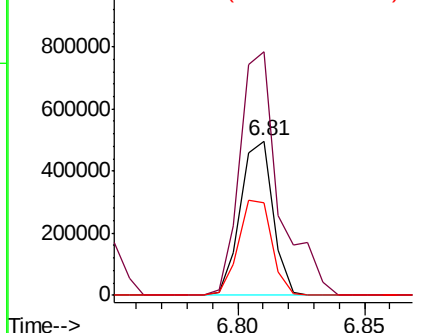


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

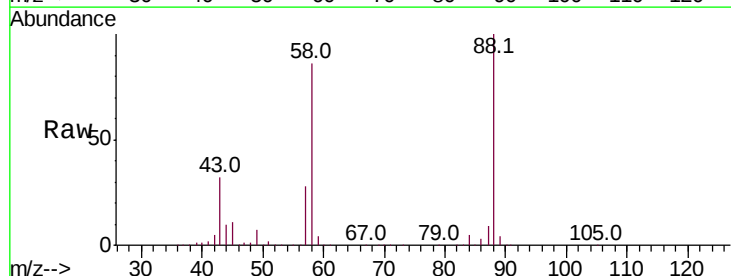
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.035 ng
RT: 2.49 min Scan# 69
Delta R.T. -0.04 min
Lab File: BF111205.D
Acq: 8 Dec 2018 00:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.0	70.8	106.2
43	32.7	28.3	42.5

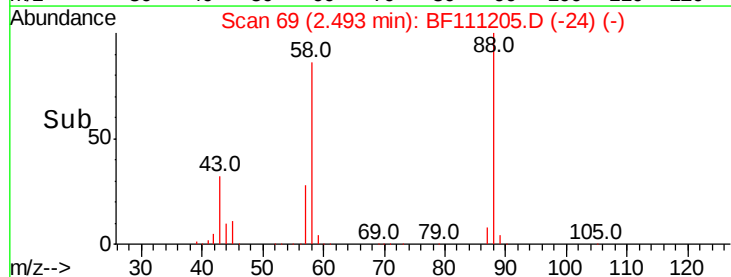
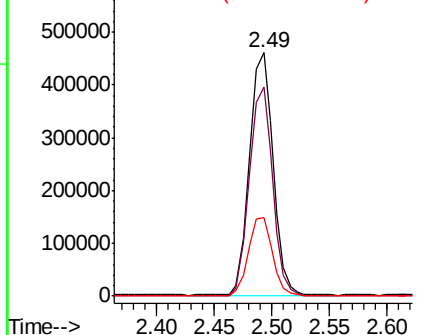


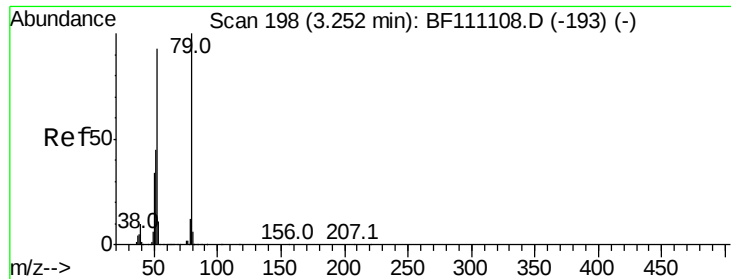
Abundance

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: 40.004 ng

RT: 3.23 min Scan# 194

Delta R.T. -0.02 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 1458349

Ion Ratio Lower Upper

79 100

52 86.6 74.7 112.1

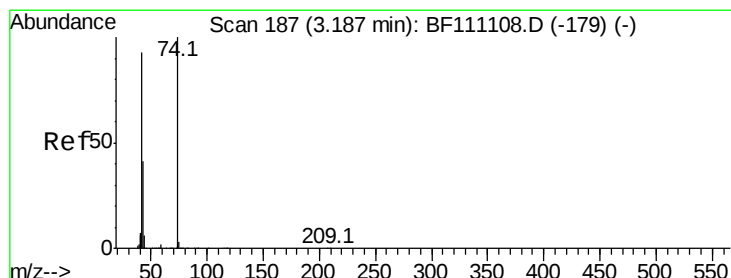
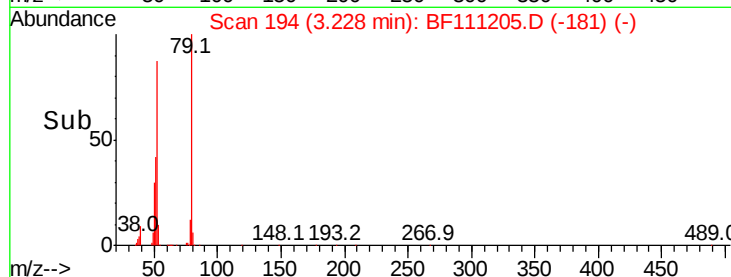
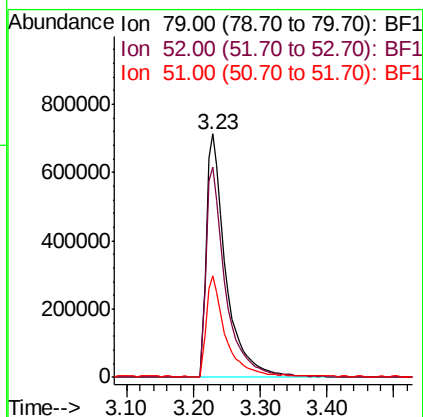
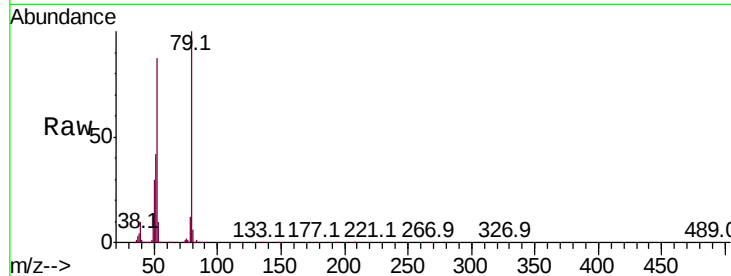
51 41.9 35.9 53.9

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#4

n-Nitrosodimethylamine

Concen: 36.428 ng

RT: 3.16 min Scan# 182

Delta R.T. -0.03 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

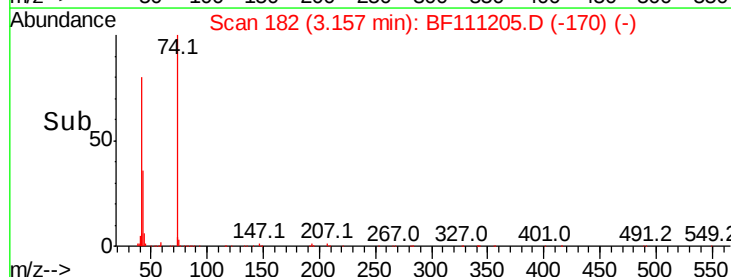
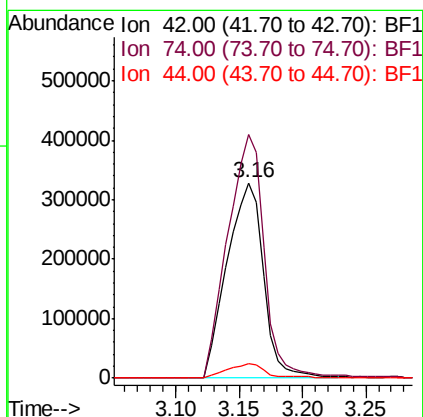
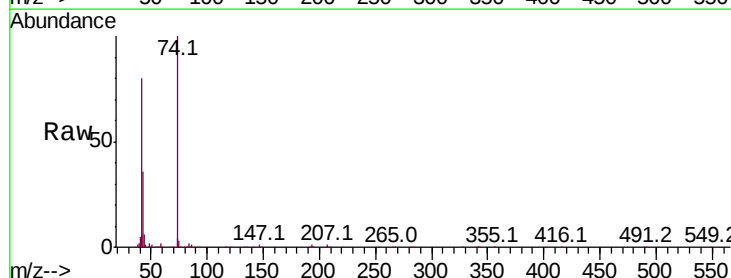
Tgt Ion: 42 Resp: 653861

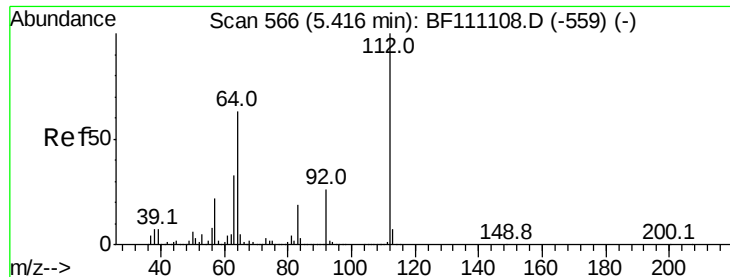
Ion Ratio Lower Upper

42 100

74 124.9 86.2 129.2

44 7.4 5.7 8.5





#5

2-Fluorophenol

Concen: 73.414 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:112 Resp: 2097923

Ion Ratio Lower Upper

112 100

64 61.7 50.2 75.4

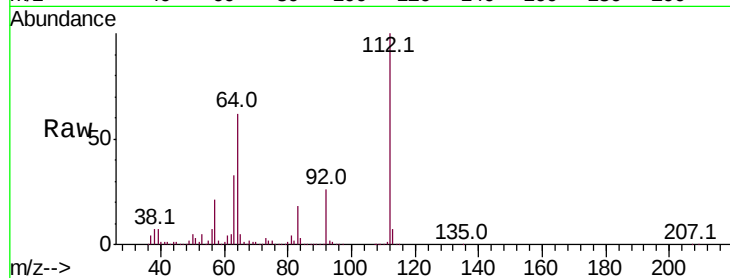
63 33.1 26.6 39.8

Manual Integrations

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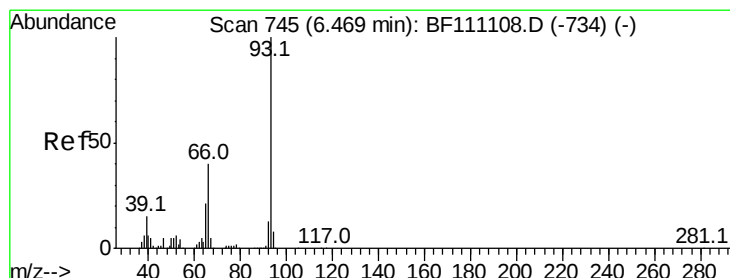
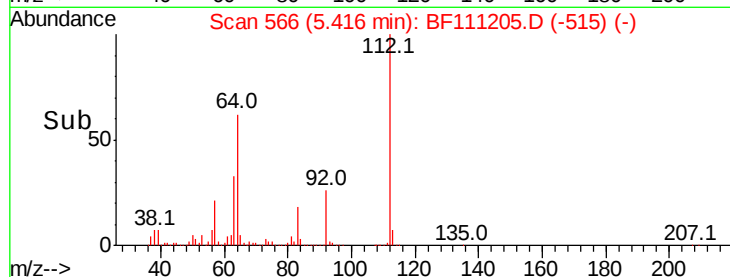
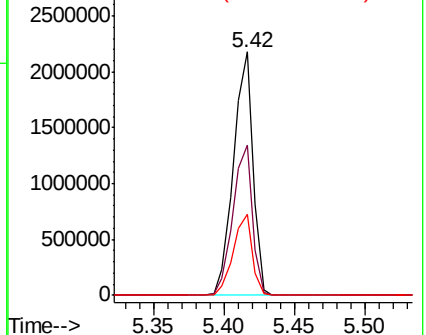
12/11/2018 8:44:51 AM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.554 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

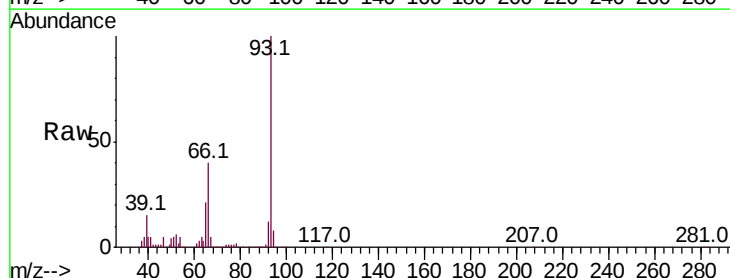
Tgt Ion: 93 Resp: 1846950

Ion Ratio Lower Upper

93 100

66 39.6 31.8 47.8

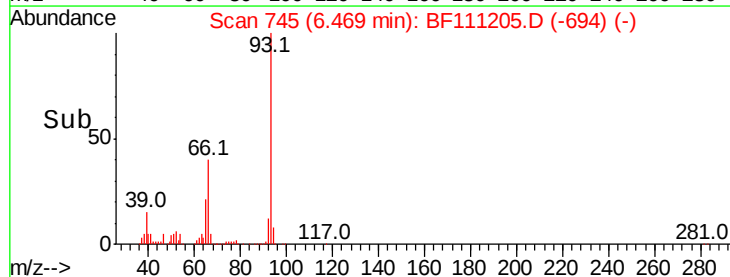
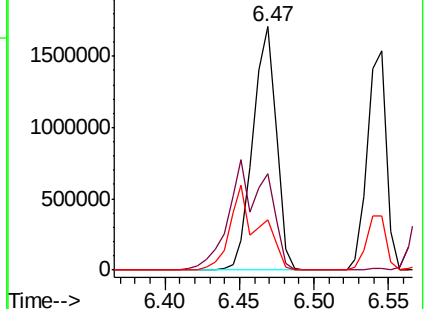
65 20.8 16.6 24.8

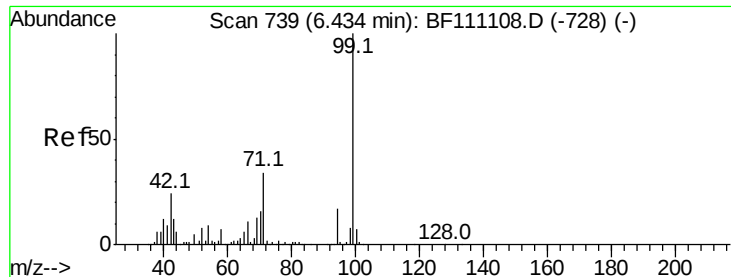


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 74.464 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 2741126

Ion Ratio Lower Upper

99 100

42 21.2 19.3 28.9

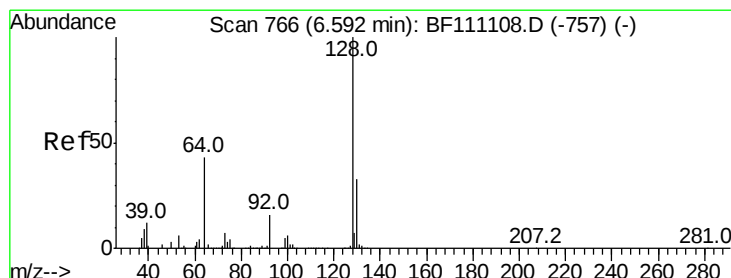
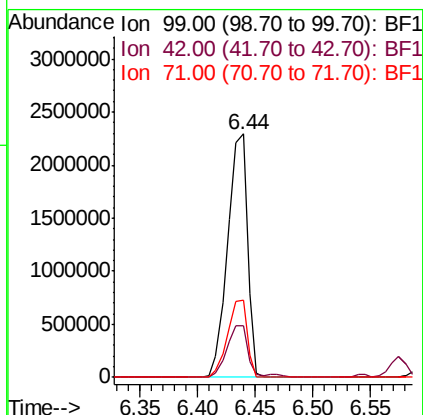
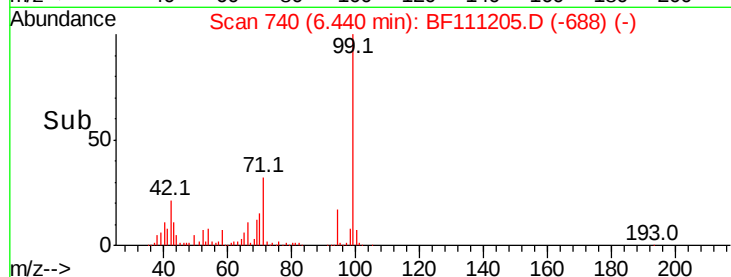
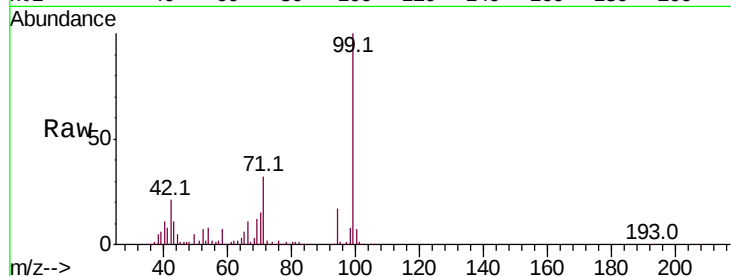
71 31.8 27.4 41.2

Manual Integrations

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#8

2-Chlorophenol

Concen: 40.378 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

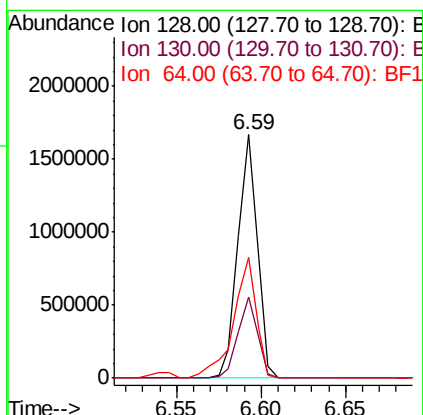
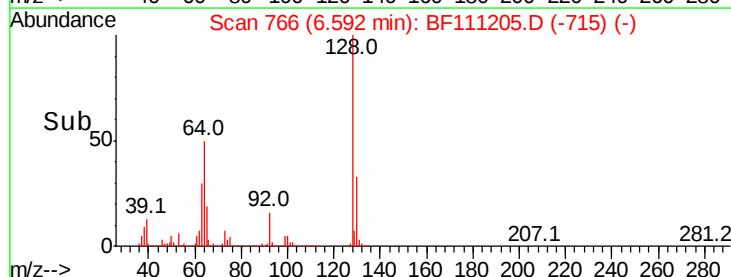
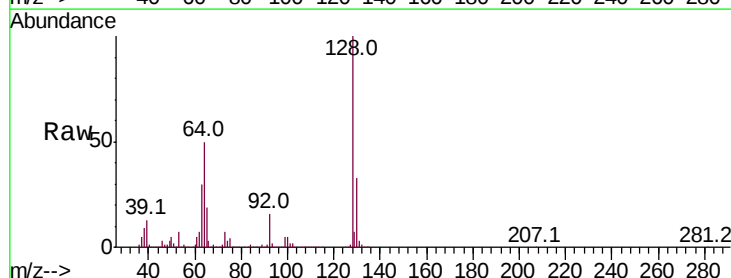
Tgt Ion:128 Resp: 1329963

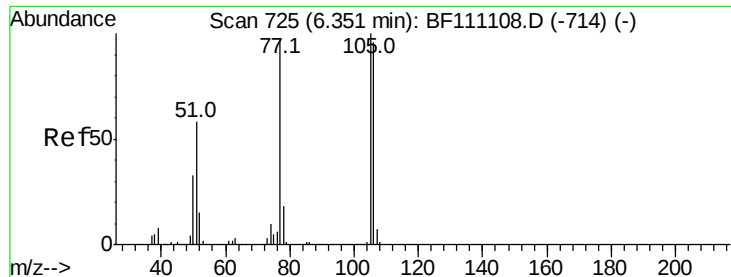
Ion Ratio Lower Upper

128 100

130 33.1 12.8 52.8

64 49.6 26.6 66.6





#9

Benzaldehyde

Concen: 44.465 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

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BNA_F

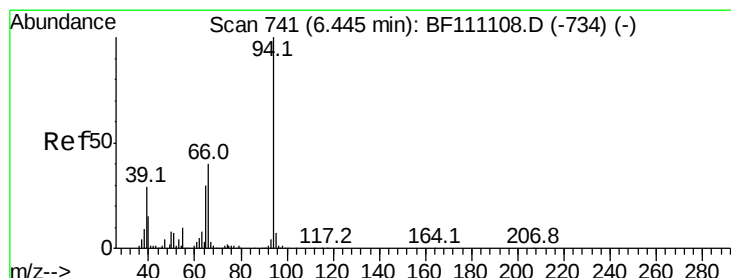
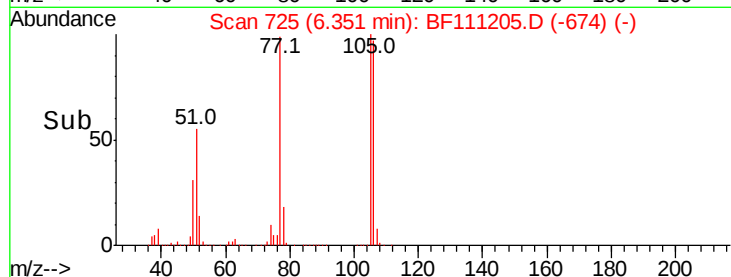
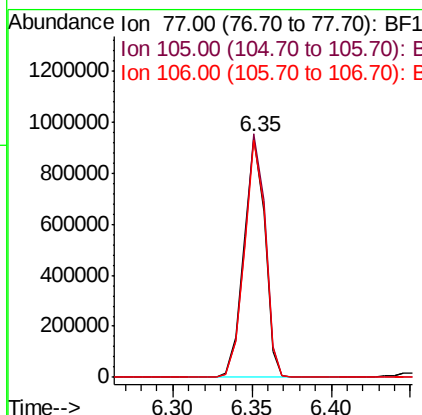
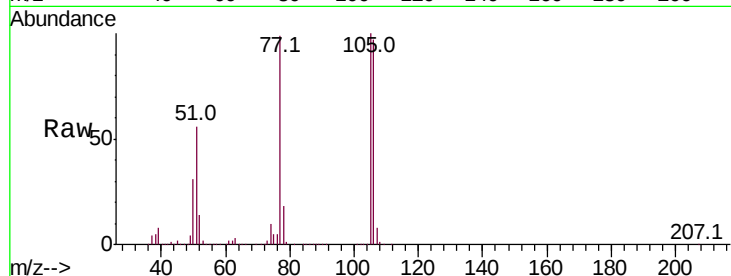
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.5	83.1	123.1
106	98.6	79.0	119.0

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#10

Phenol

Concen: 41.403 ng

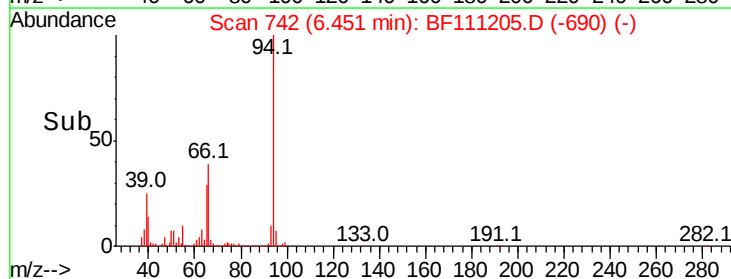
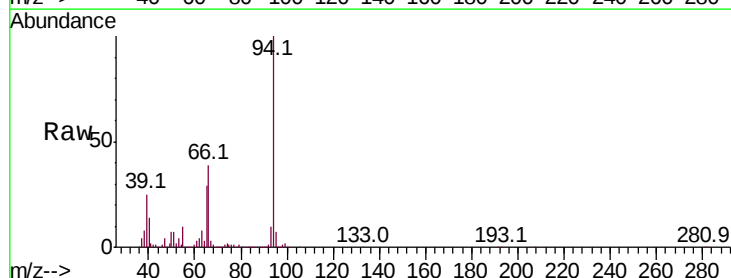
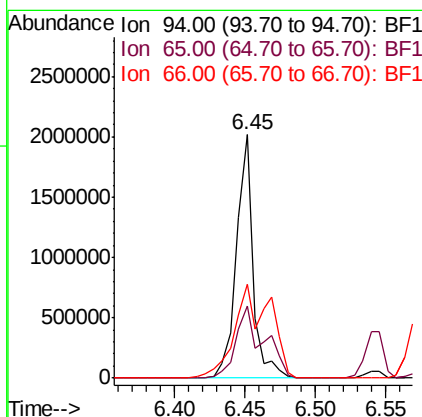
RT: 6.45 min Scan# 742

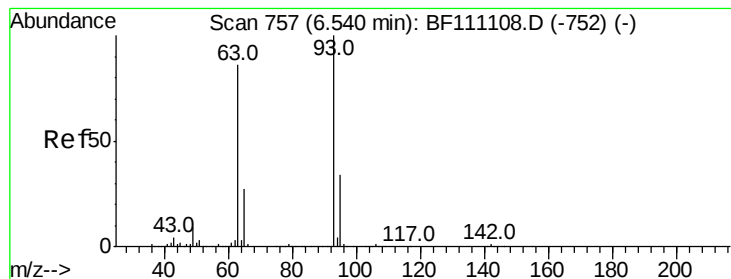
Delta R.T. 0.01 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.4	10.5	50.5
66	38.6	19.8	59.8





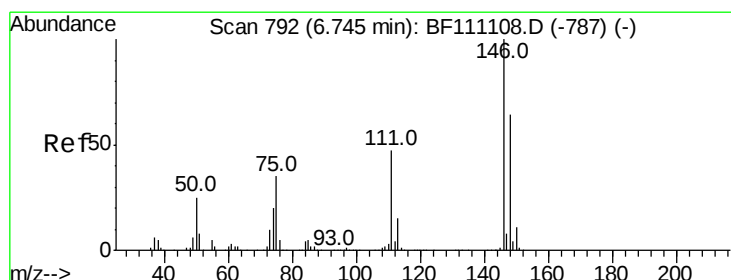
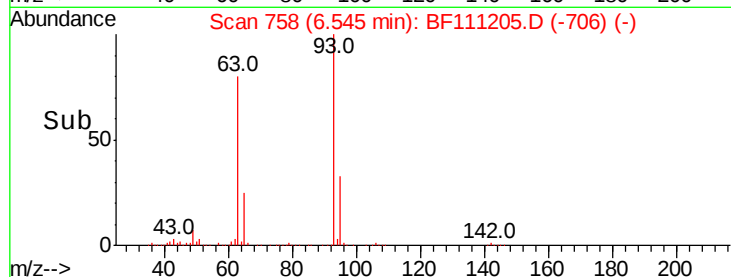
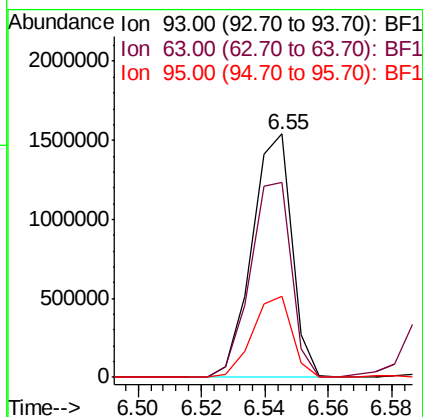
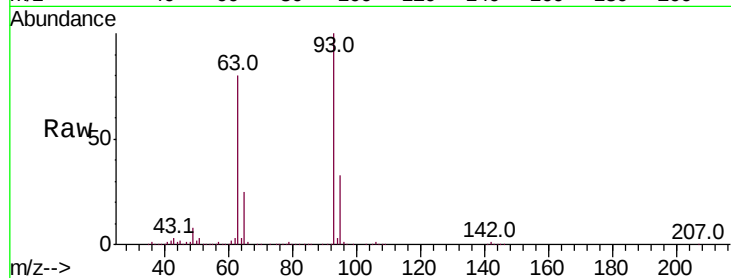
#11
bis(2-Chloroethyl)ether
Concen: 40.967 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF111205.D
Acq: 8 Dec 2018 00:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 93 Resp: 1343910
Ion Ratio Lower Upper
93 100
63 80.1 66.0 106.0
95 33.2 14.3 54.3

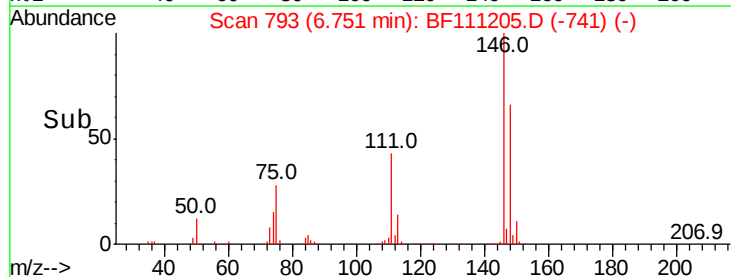
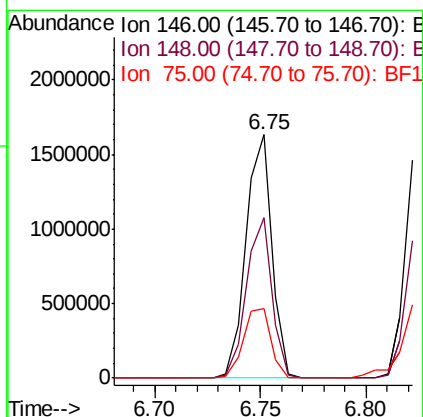
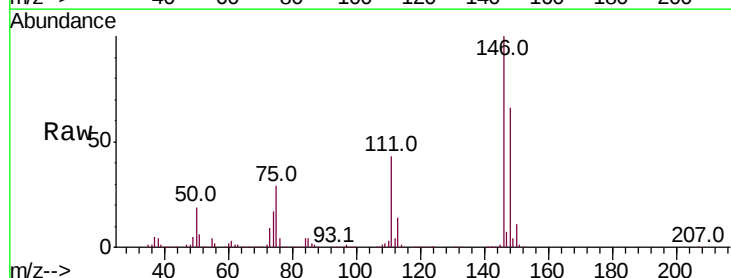
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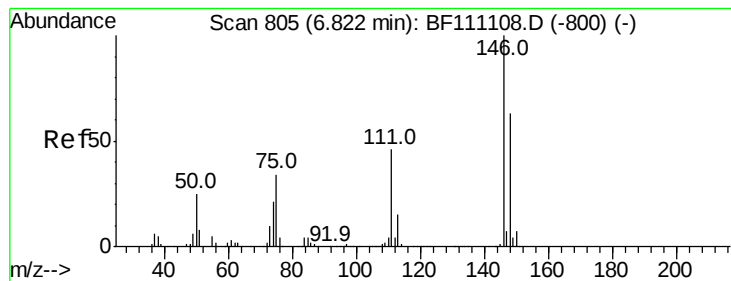
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#12
1,3-Dichlorobenzene
Concen: 39.760 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF111205.D
Acq: 8 Dec 2018 00:06

Tgt Ion: 146 Resp: 1392785
Ion Ratio Lower Upper
146 100
148 66.0 51.3 76.9
75 28.6 27.7 41.5





#13

1,4-Dichlorobenzene

Concen: 38.997 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.01 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:146 Resp: 1374725

Ion Ratio Lower Upper

146 100

148 65.6 50.3 75.5

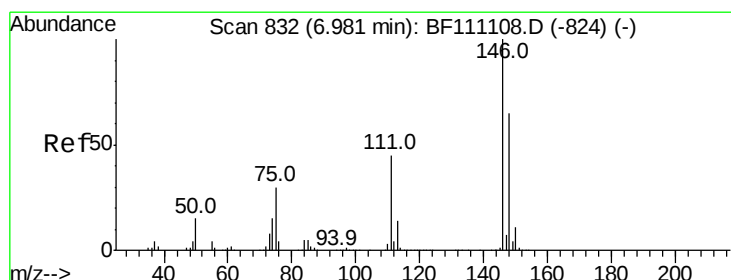
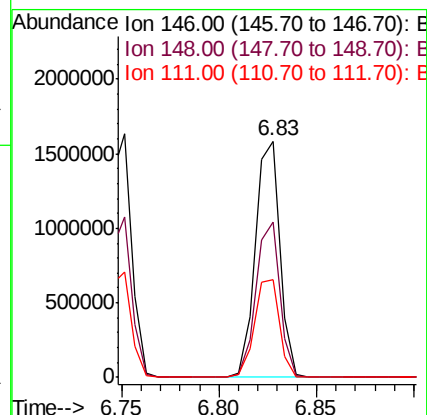
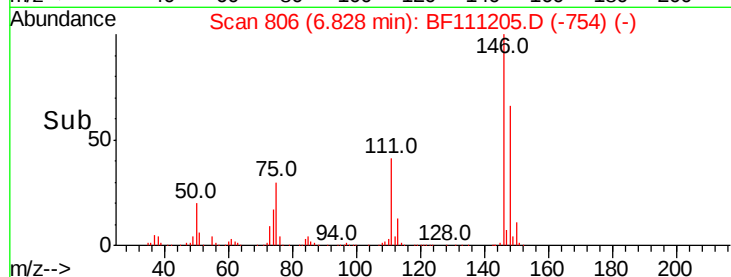
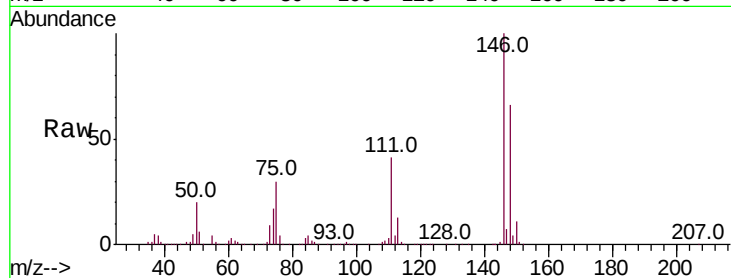
111 41.1 36.6 55.0

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#14

1,2-Dichlorobenzene

Concen: 38.132 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

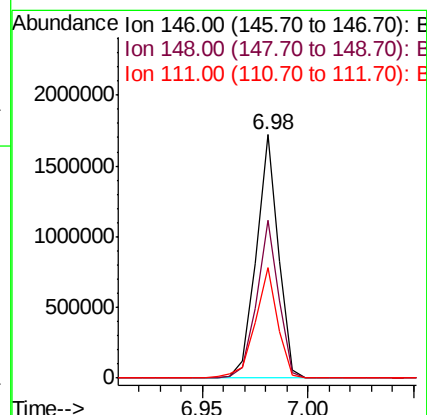
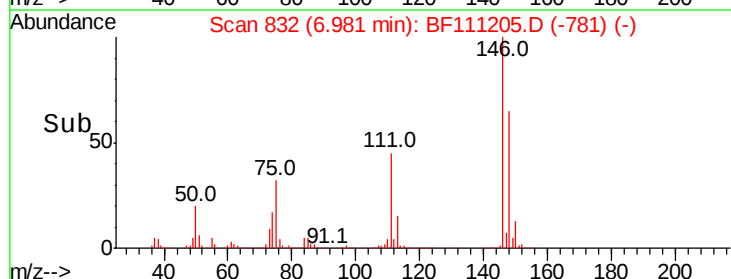
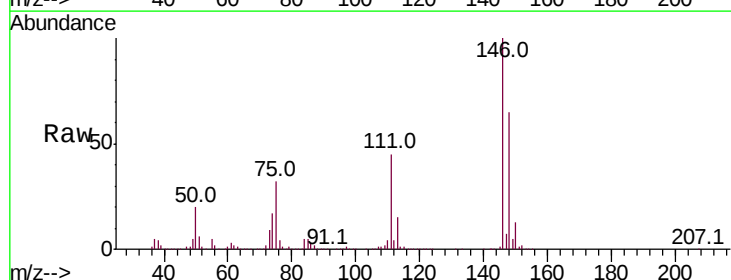
Tgt Ion:146 Resp: 1250442

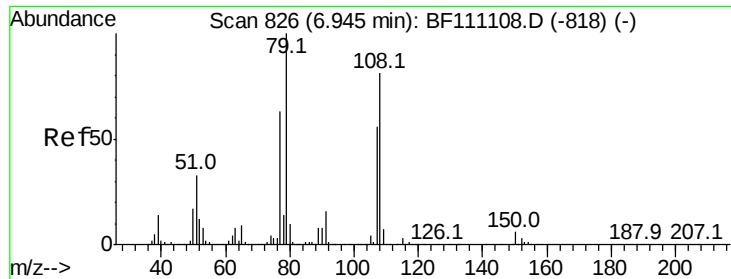
Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.6

111 45.3 35.7 53.5





#15

Benzyl Alcohol

Concen: 37.730 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 1100458

Ion Ratio Lower Upper

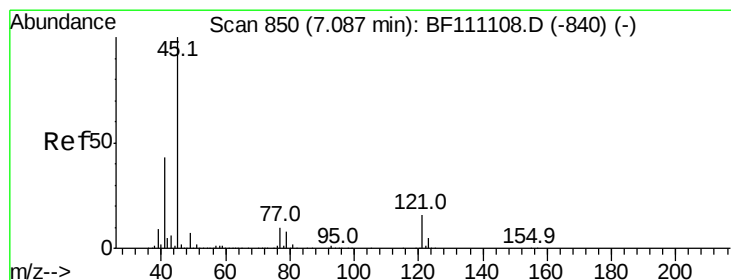
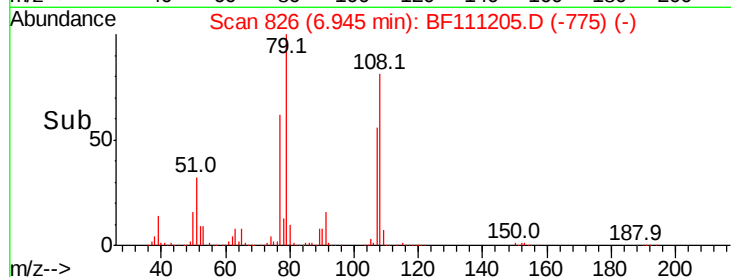
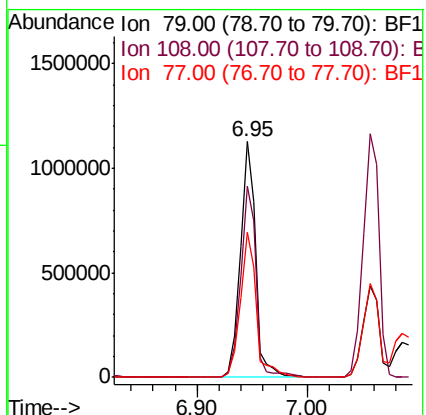
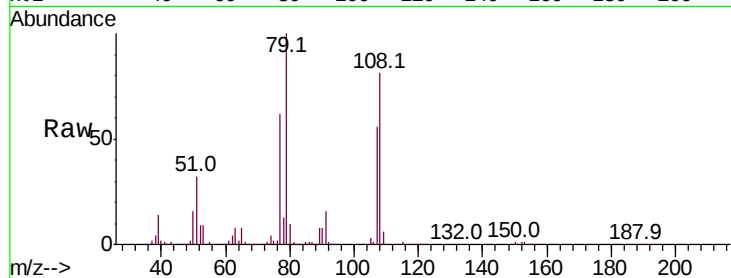
79 100

108 81.3 64.5 96.7

77 61.6 50.5 75.7

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.862 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

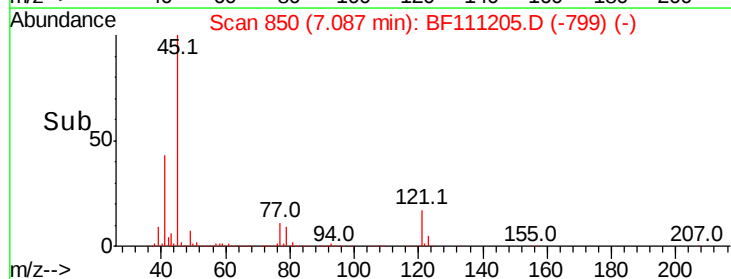
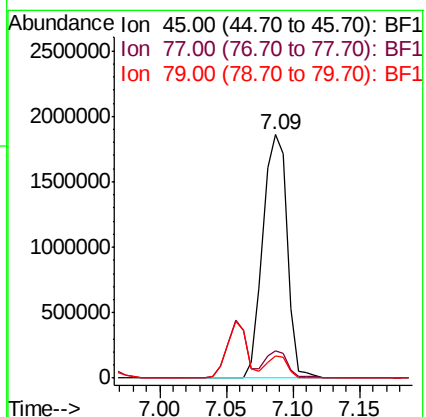
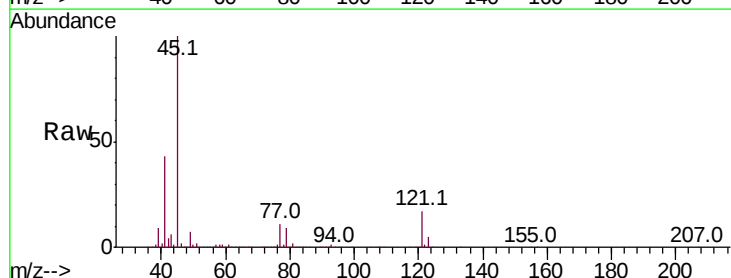
Tgt Ion: 45 Resp: 2352281

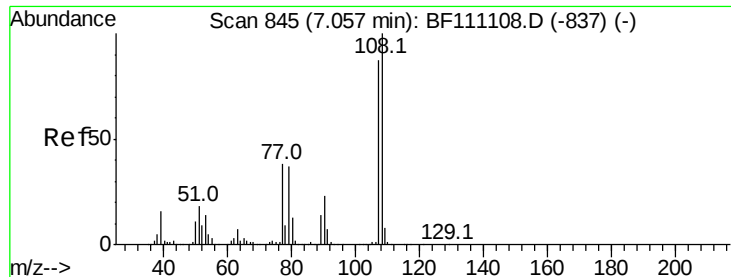
Ion Ratio Lower Upper

45 100

77 11.4 0.0 30.6

79 8.9 0.0 28.4





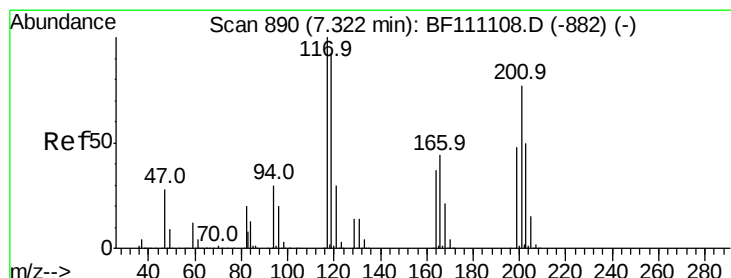
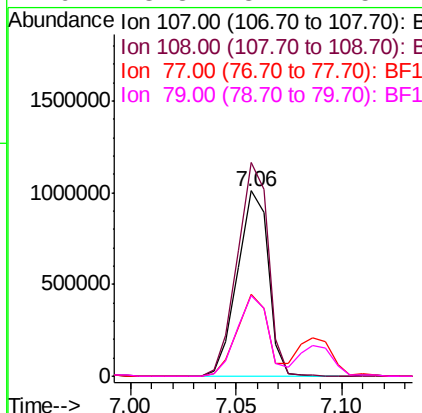
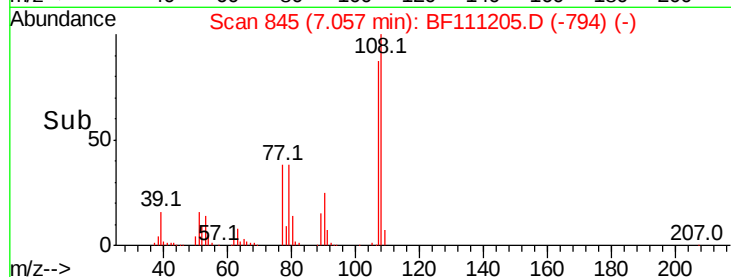
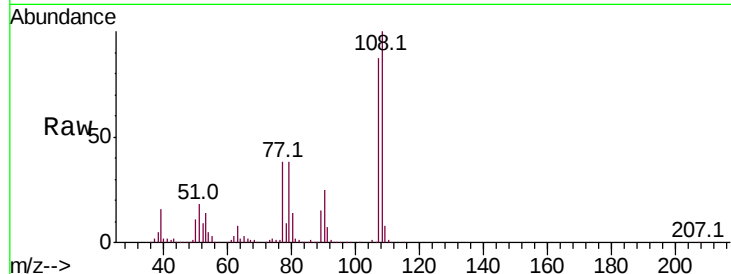
#17
2-Methylphenol
Concen: 37.837 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF111205.D
Acq: 8 Dec 2018 00:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.1	91.8	137.8
77	44.2	34.7	52.1
79	43.3	34.2	51.2

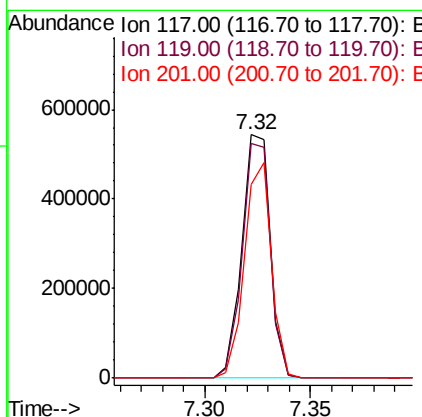
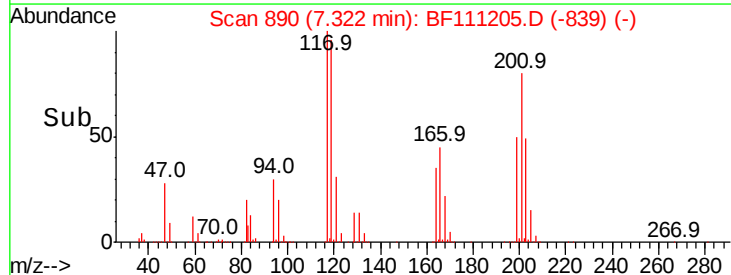
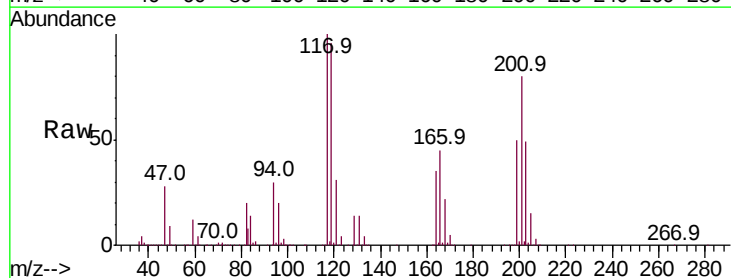
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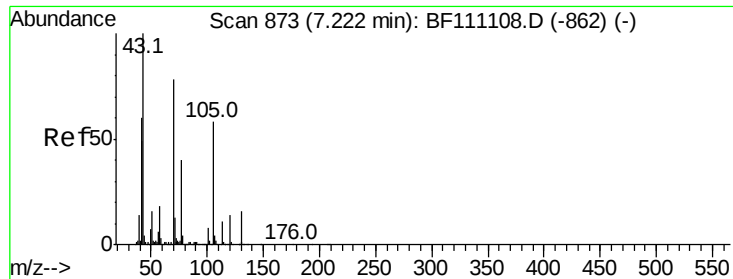
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#18
Hexachloroethane
Concen: 38.189 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF111205.D
Acq: 8 Dec 2018 00:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	73.8	110.6
201	79.6	61.2	91.8





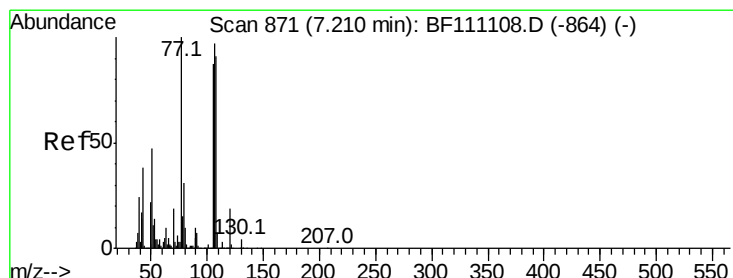
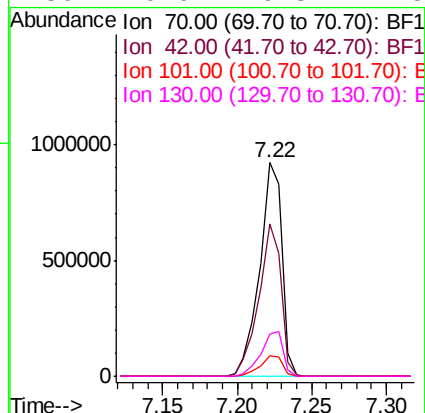
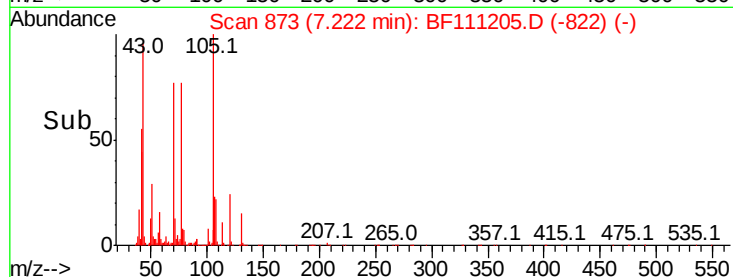
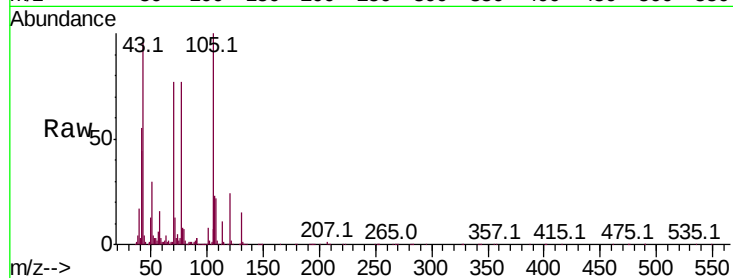
#19
n-Nitroso-di-n-propylamine
Concen: 38.143 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF111205.D
Acq: 8 Dec 2018 00:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	71.4	61.3	91.9
101	9.8	7.7	11.5
130	19.9	16.3	24.5

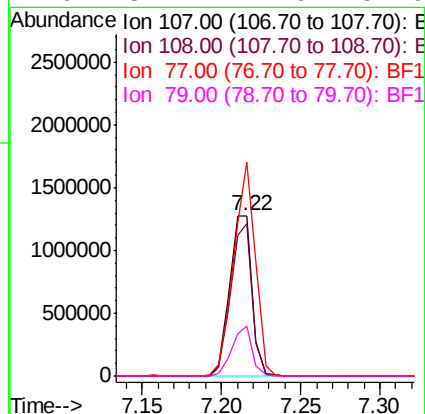
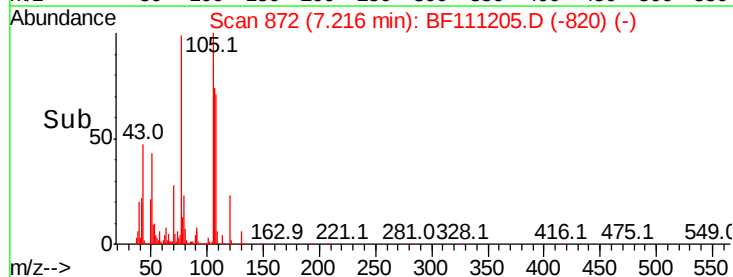
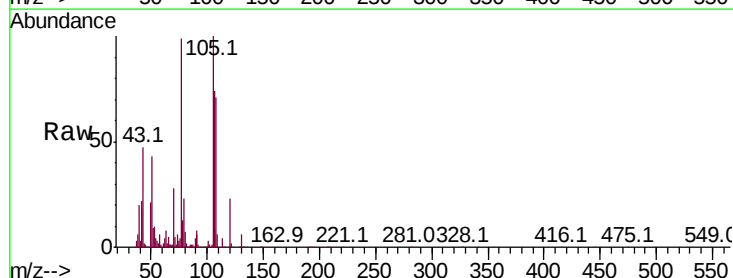
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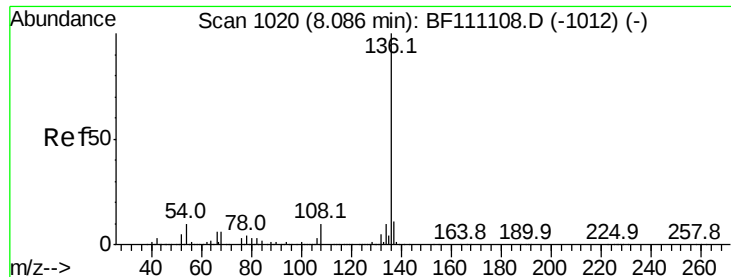
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#20
3+4-Methylphenols
Concen: 37.594 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF111205.D
Acq: 8 Dec 2018 00:06

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.4	74.0	114.0
77	133.2	83.2	123.2#
79	31.2	11.6	51.6





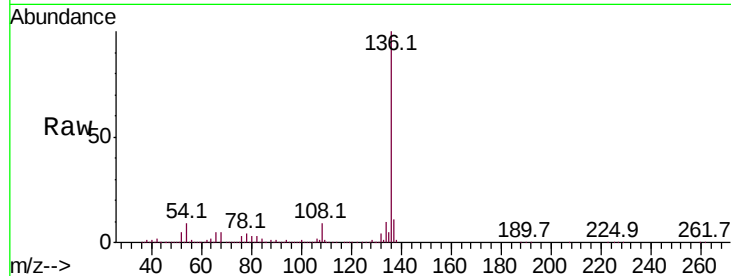
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF111205.D
Acq: 8 Dec 2018 00:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	9.3	8.4	12.6
68	5.3	5.0	7.4

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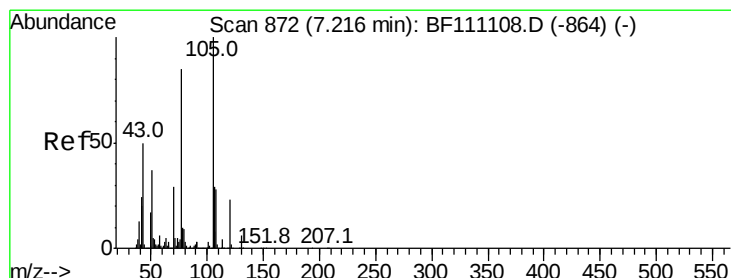
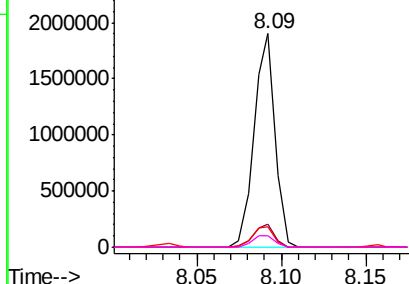
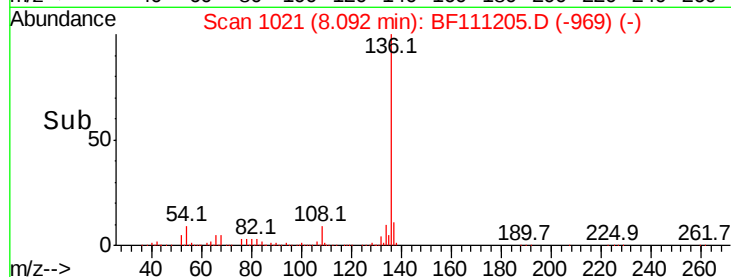
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

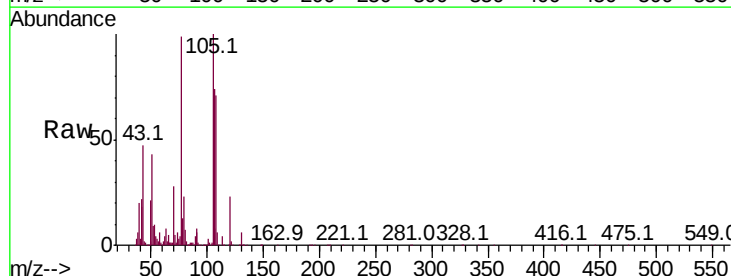
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 41.293 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF111205.D
Acq: 8 Dec 2018 00:06

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.8	4.0	6.0
51	42.8	29.8	44.8
120	23.4	18.7	28.1



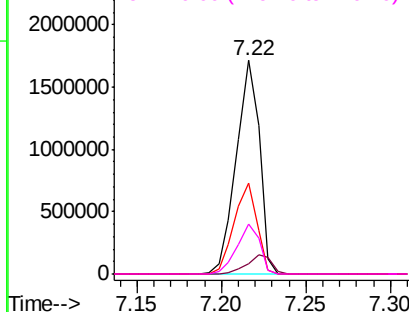
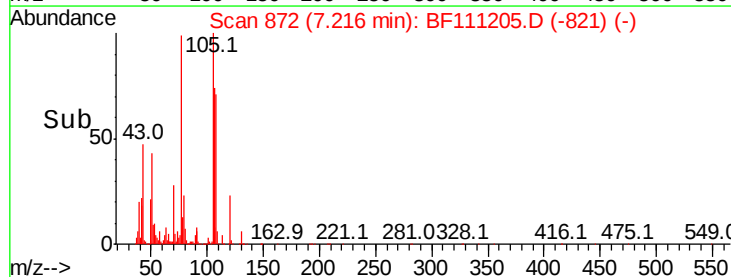
Abundance

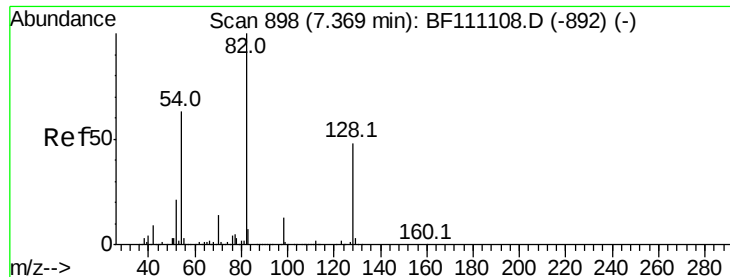
Ion 105.00 (104.70 to 105.70): E

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





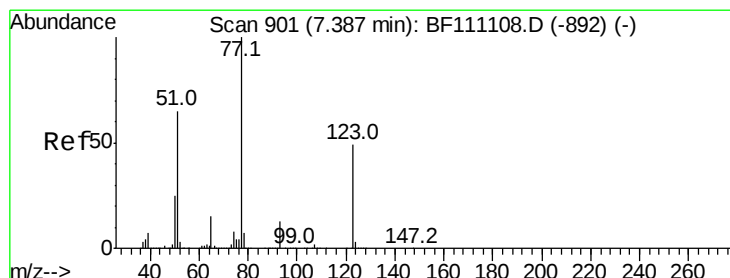
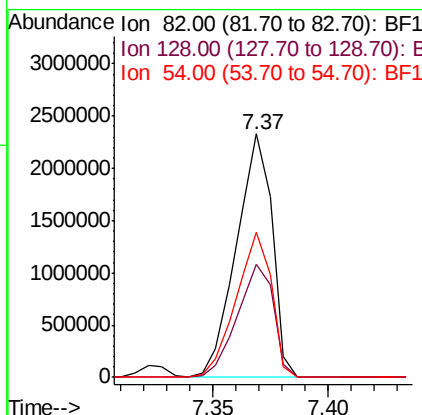
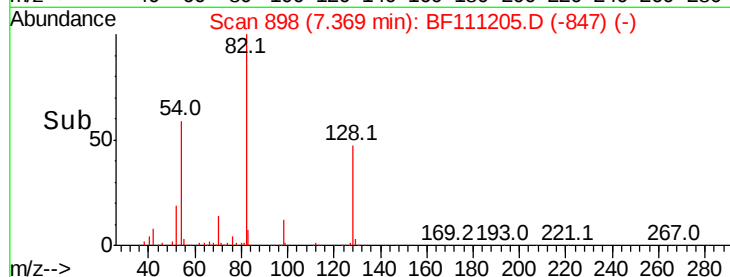
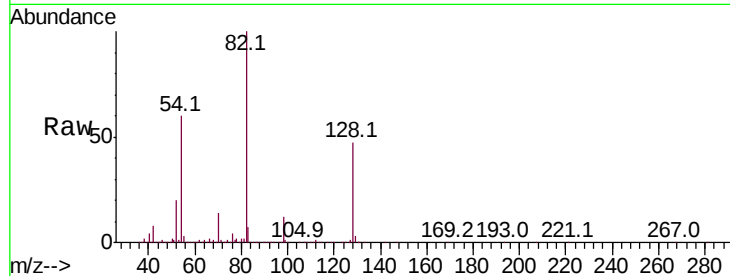
#23
 Nitrobenzene-d5
 Concen: 90.713 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BF111205.D
 Acq: 8 Dec 2018 00:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 2517806
 Ion Ratio Lower Upper
 82 100
 128 46.6 38.1 57.1
 54 59.5 50.3 75.5

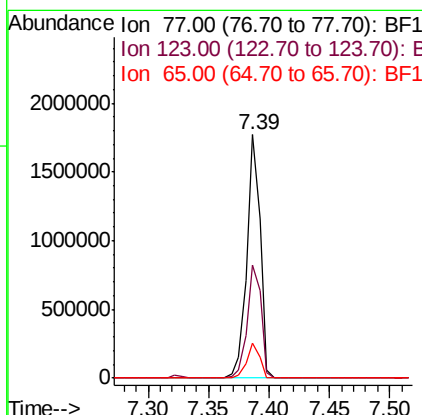
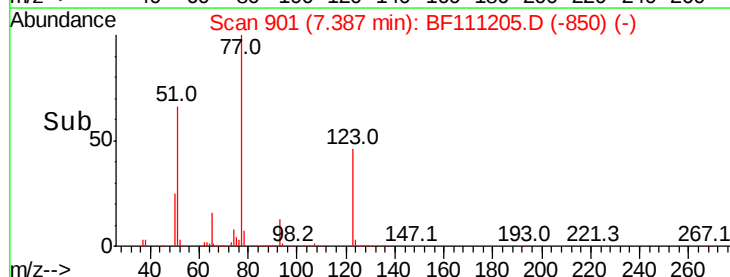
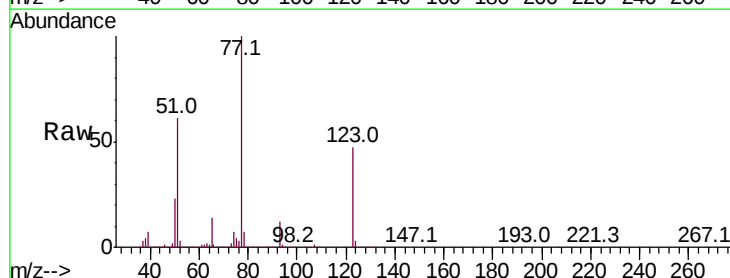
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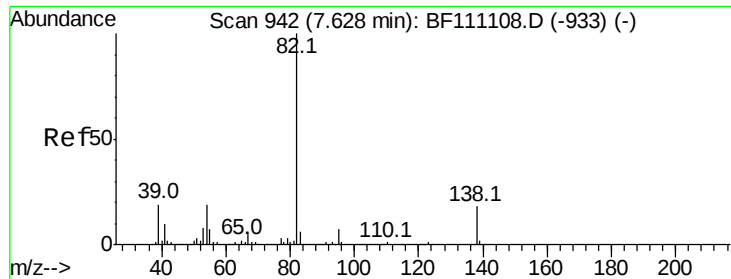
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#24
 Nitrobenzene
 Concen: 46.036 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF111205.D
 Acq: 8 Dec 2018 00:06

Tgt Ion: 77 Resp: 1374645
 Ion Ratio Lower Upper
 77 100
 123 46.5 39.5 59.3
 65 14.4 11.8 17.6





#25

Isophorone

Concen: 39.683 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 2021372

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

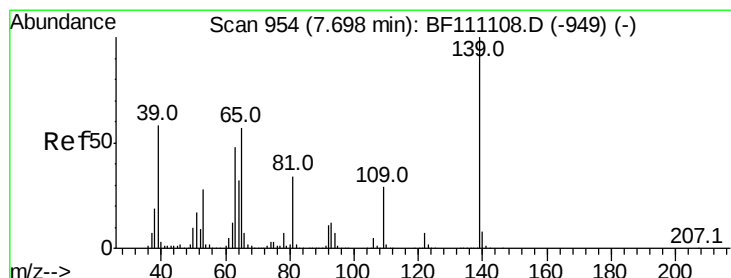
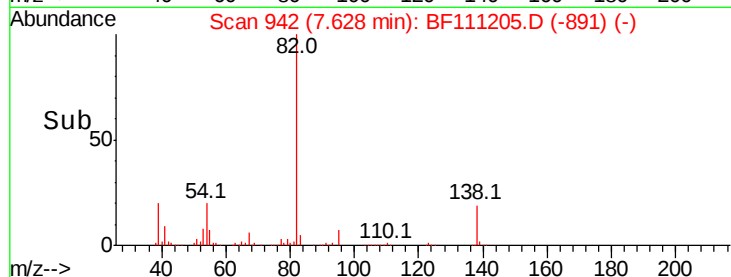
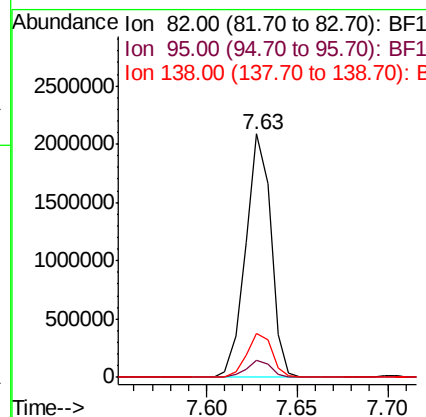
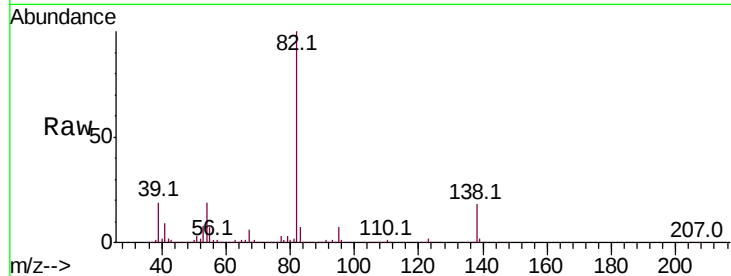
138 18.3 14.6 22.0

Manual Integrations

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#26

2-Nitrophenol

Concen: 49.944 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

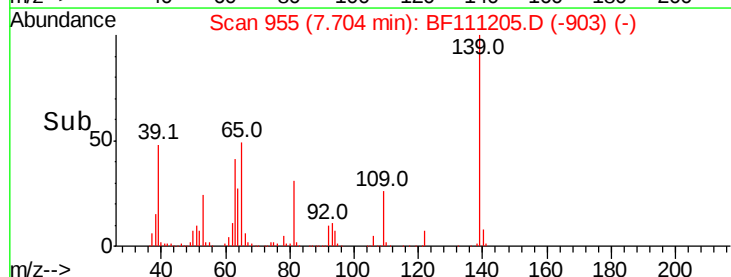
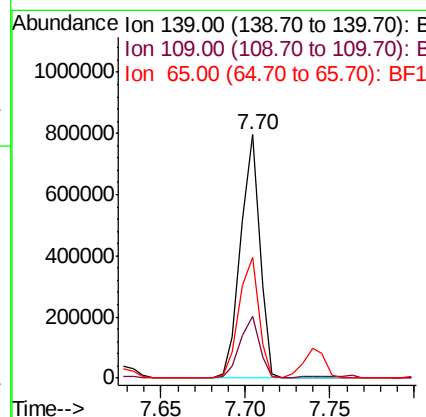
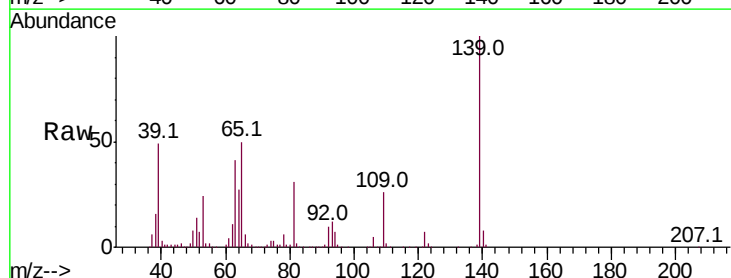
Tgt Ion:139 Resp: 630139

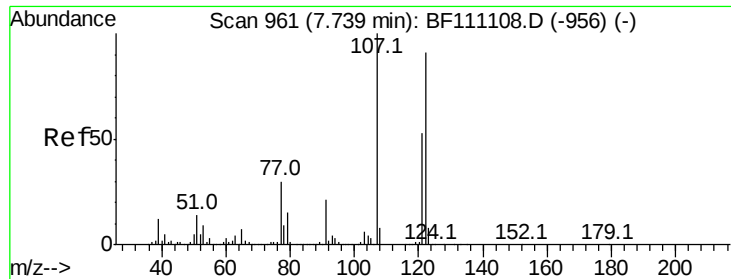
Ion Ratio Lower Upper

139 100

109 25.7 23.1 34.7

65 49.8 45.9 68.9





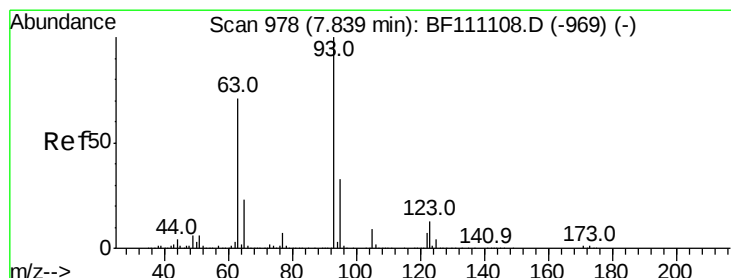
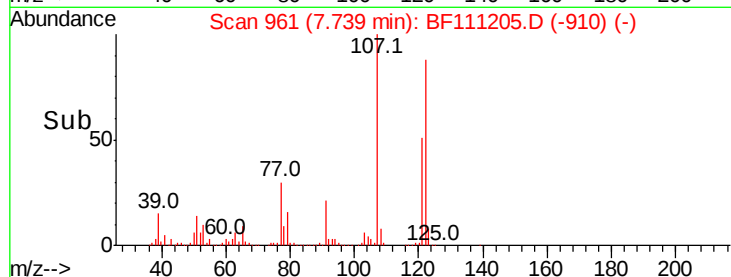
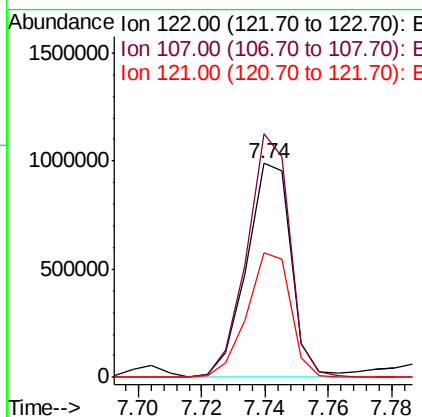
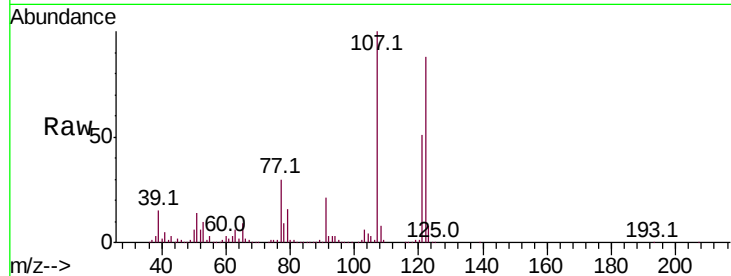
#27
 2,4-Dimethylphenol
 Concen: 40.759 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF111205.D
 Acq: 8 Dec 2018 00:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.9	87.4	131.0
121	58.1	45.9	68.9

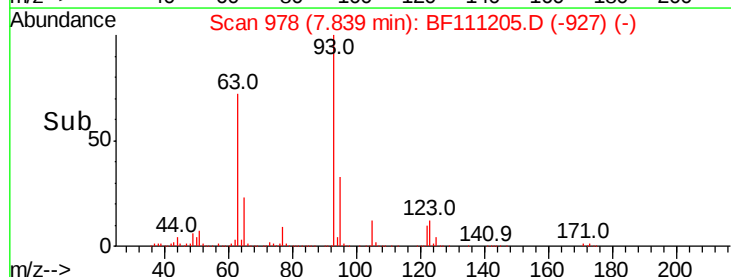
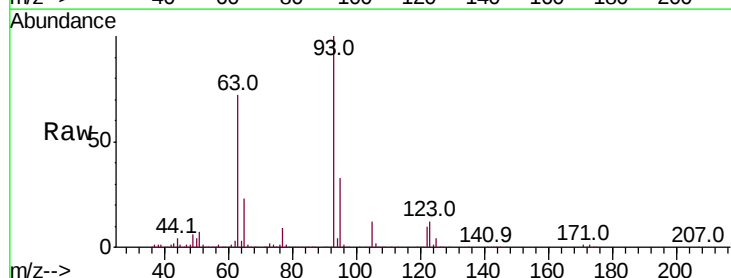
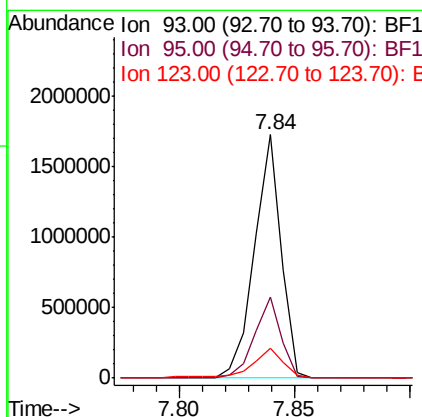
Manual Integrations
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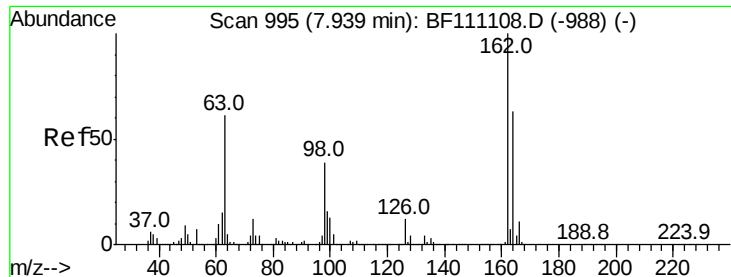
Sohil
 12/11/2018 8:44:51 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.396 ng
 RT: 7.84 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF111205.D
 Acq: 8 Dec 2018 00:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.6	39.8
123	12.5	10.3	15.5





#29

2,4-Dichlorophenol

Concen: 41.525 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

Instrument :

BNA_F

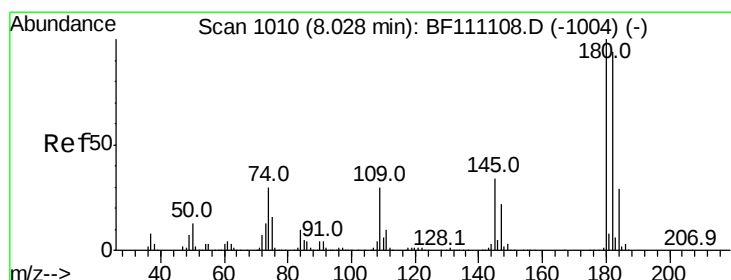
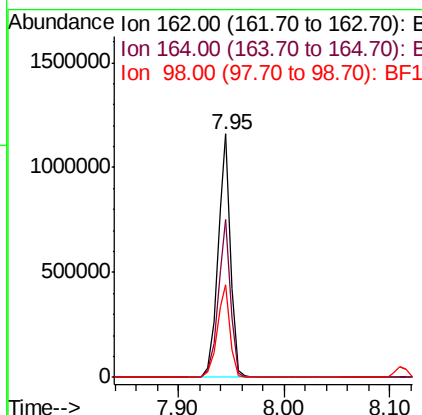
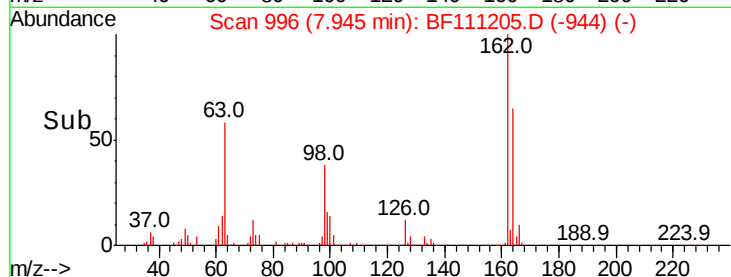
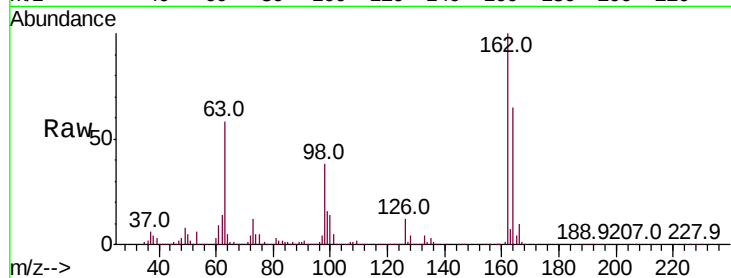
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	43.3	83.3
98	38.0	18.9	58.9

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#30

1,2,4-Trichlorobenzene

Concen: 40.841 ng

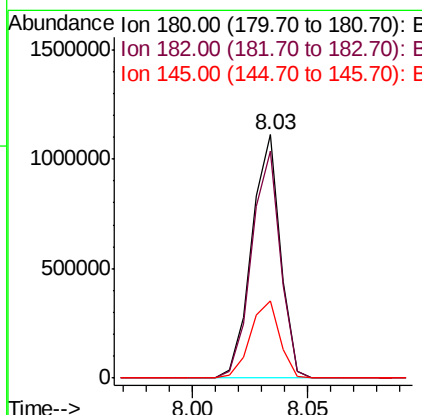
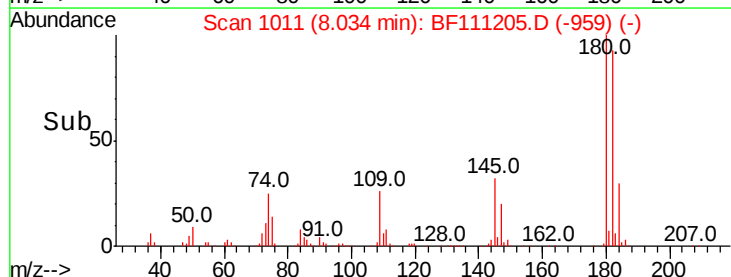
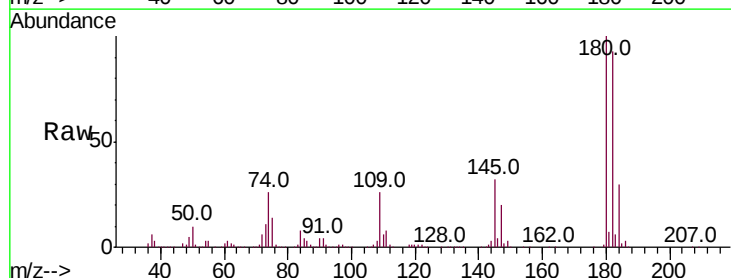
RT: 8.03 min Scan# 1011

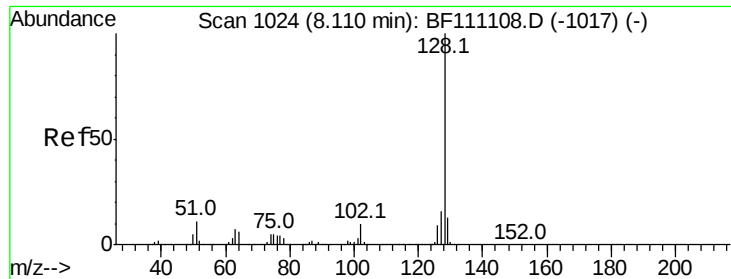
Delta R.T. 0.01 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	75.1	112.7
145	31.9	27.6	41.4





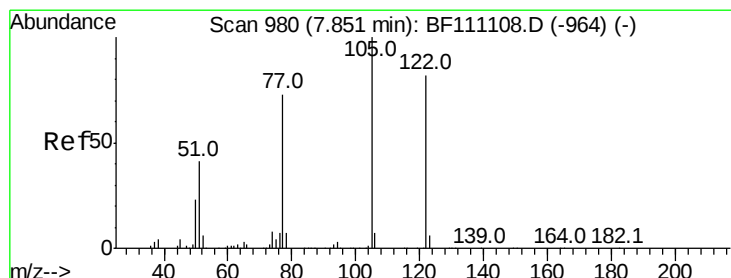
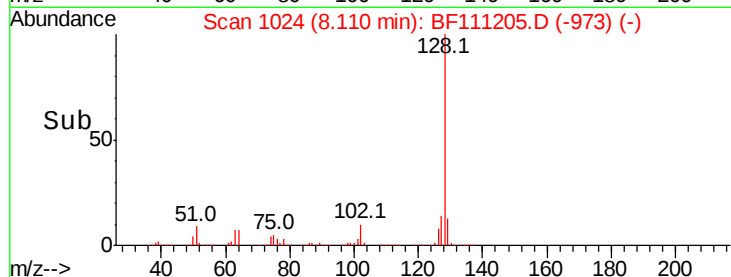
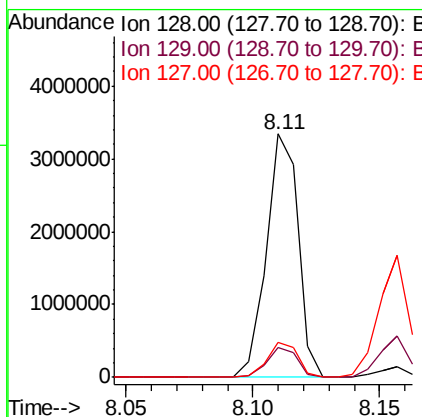
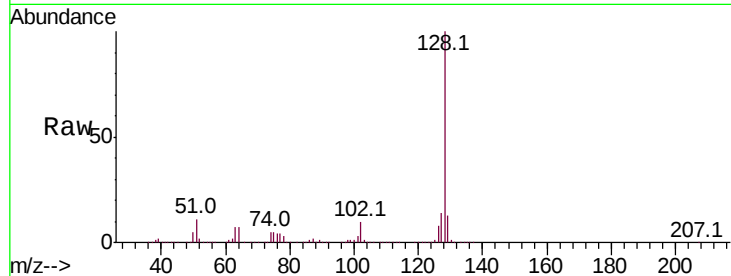
#31
Naphthalene
Concen: 41.128 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF111205.D
Acq: 8 Dec 2018 00:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.5	10.5	15.7
127	14.4	12.5	18.7

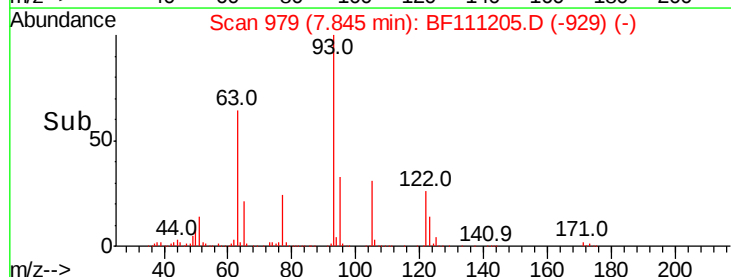
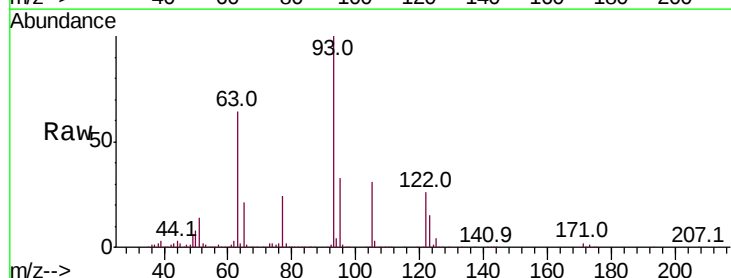
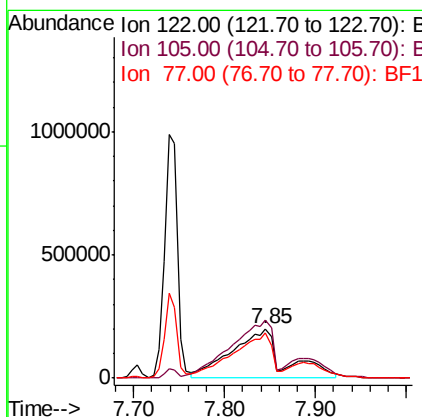
Manual Integrations
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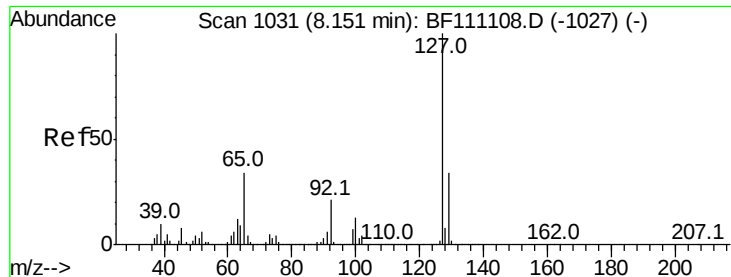
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#32
Benzoic acid
Concen: 50.775 ng m
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF111205.D
Acq: 8 Dec 2018 00:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.1	100.1	140.1
77	91.3	69.4	109.4





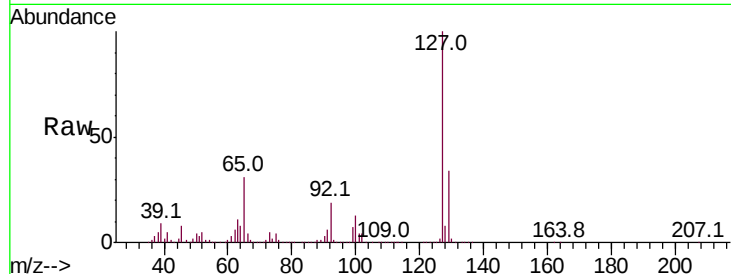
#33
4-Chloroaniline
Concen: 39.439 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF111205.D
Acq: 8 Dec 2018 00:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.7	27.0	40.6
65	30.8	27.2	40.8
92	19.1	16.6	24.8

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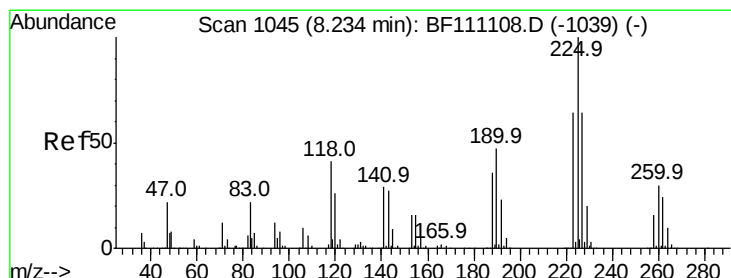
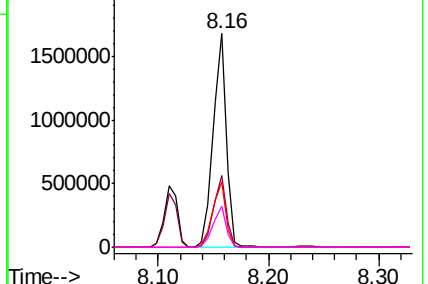
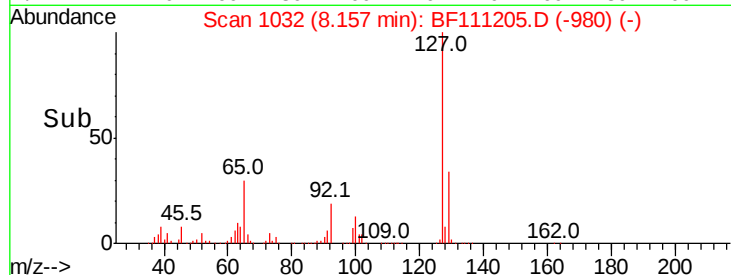
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

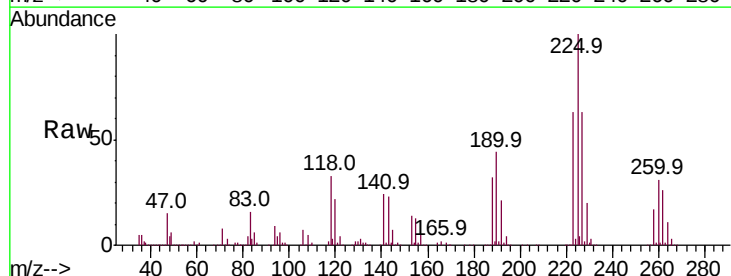
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 45.565 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BF111205.D
Acq: 8 Dec 2018 00:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.4	77.2
227	63.0	51.0	76.4

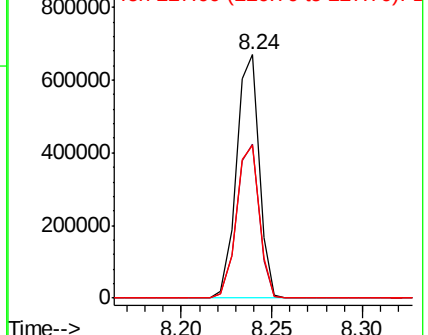
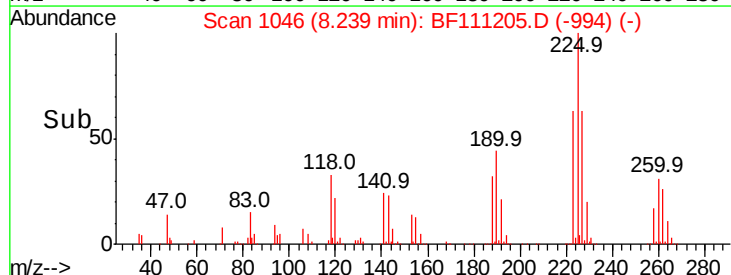


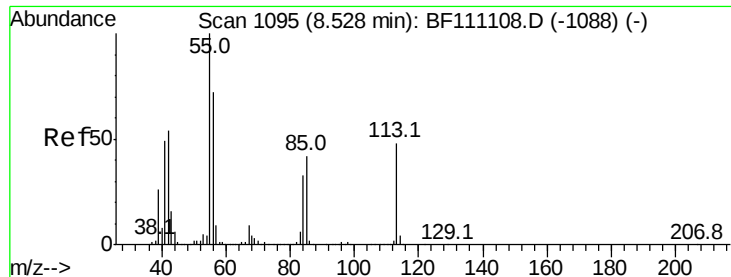
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





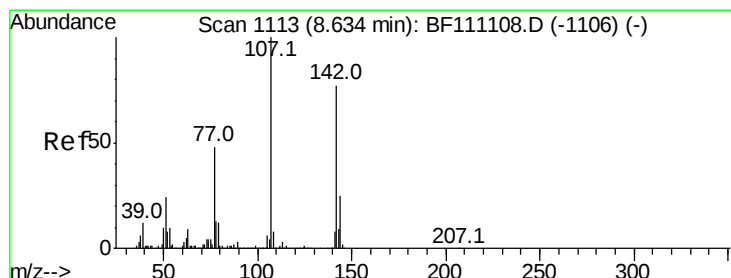
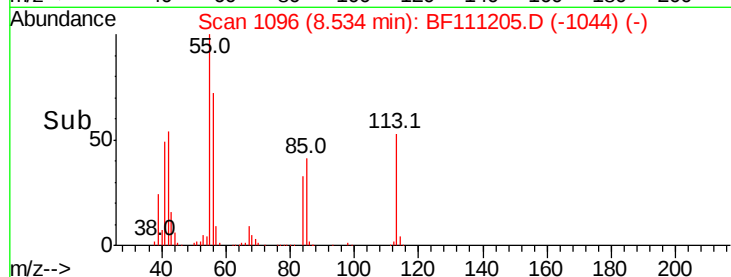
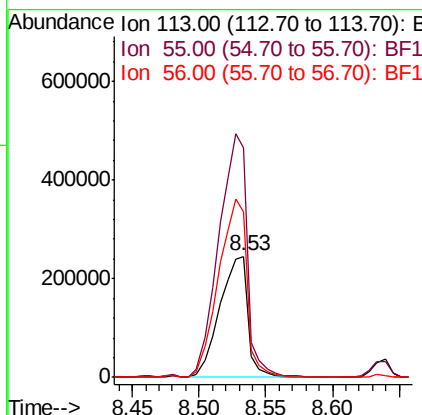
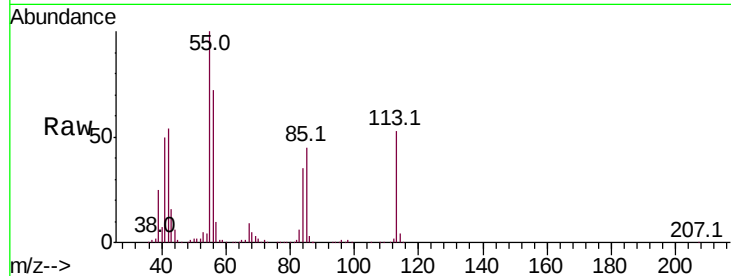
#35
 Caprolactam
 Concen: 42.712 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. 0.01 min
 Lab File: BF111205.D
 Acq: 8 Dec 2018 00:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	189.8	190.6	230.6#
56	137.3	130.9	170.9

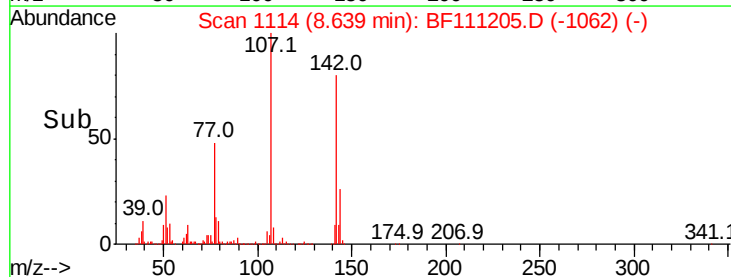
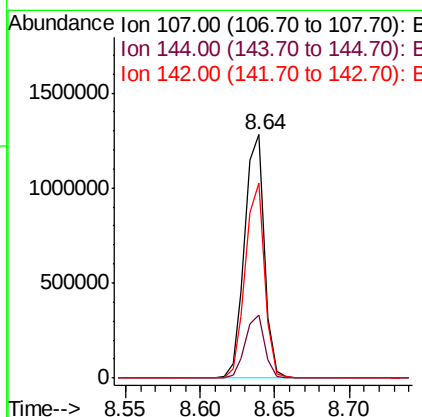
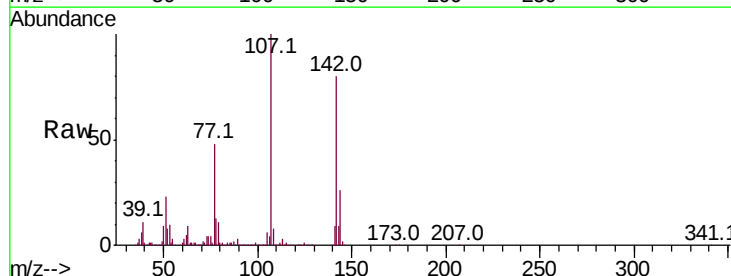
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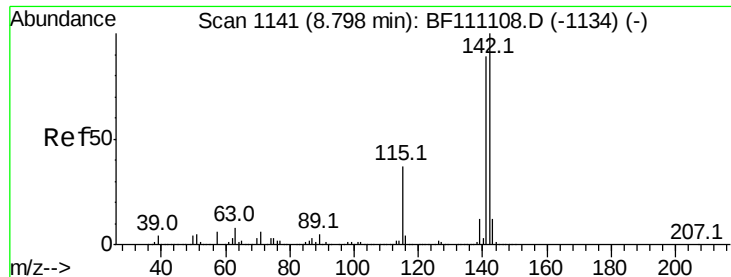
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#36
 4-Chloro-3-methylphenol
 Concen: 46.004 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: BF111205.D
 Acq: 8 Dec 2018 00:06

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	19.9	29.9
142	80.1	61.4	92.0





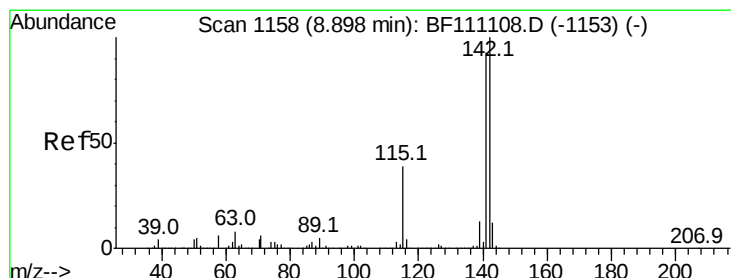
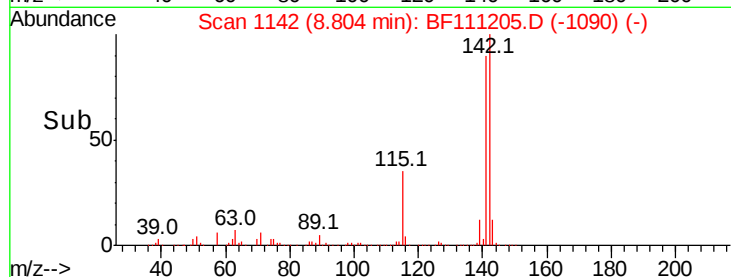
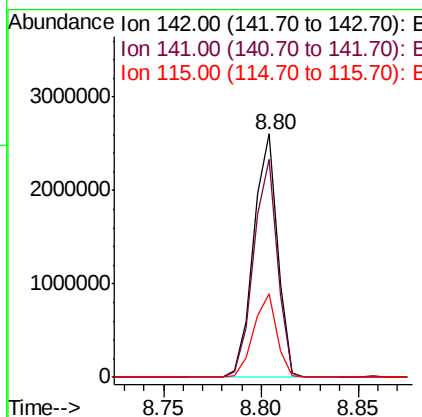
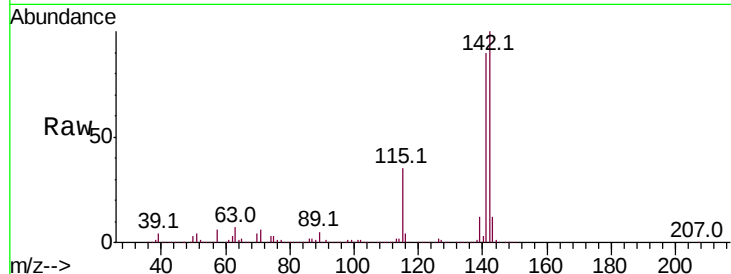
#37
2-Methylnaphthalene
Concen: 44.990 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF111205.D
Acq: 8 Dec 2018 00:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.4	107.0
115	34.5	29.2	43.8

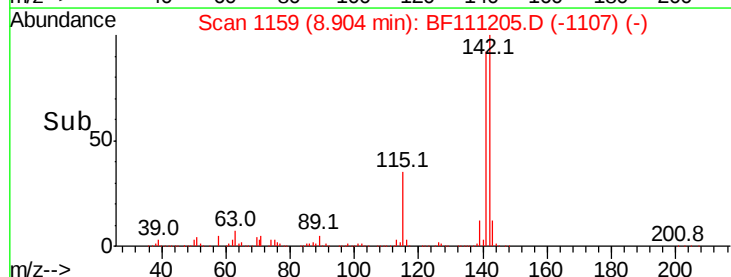
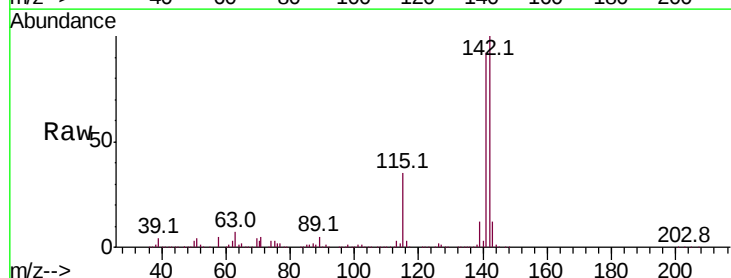
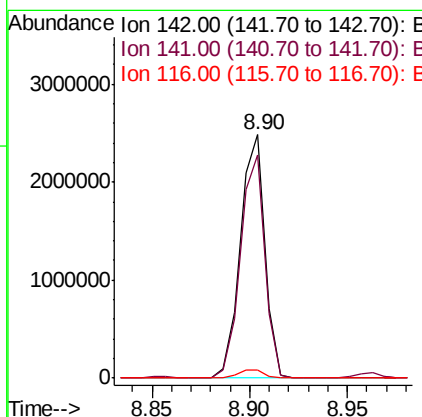
Manual Integrations
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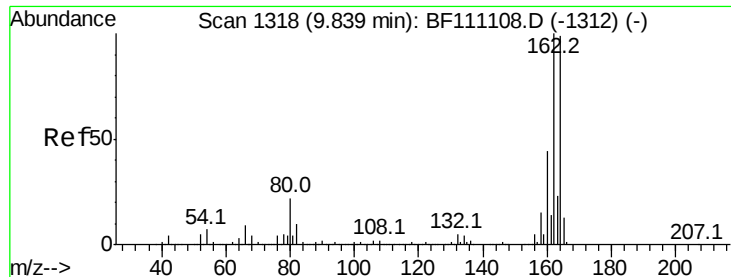
Sohil
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#38
1-Methylnaphthalene
Concen: 45.327 ng
RT: 8.90 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF111205.D
Acq: 8 Dec 2018 00:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	74.5	111.7
116	3.5	3.2	4.8





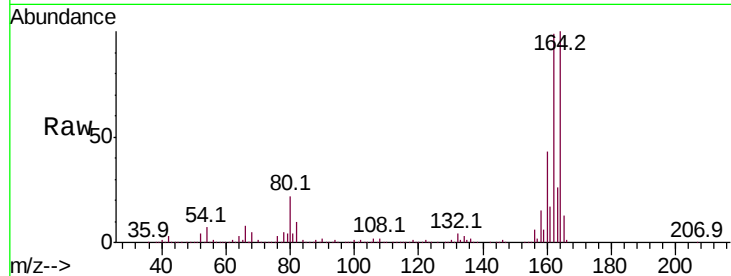
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF111205.D
Acq: 8 Dec 2018 00:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100	841746		
162	99.5	80.6	120.8	
160	43.4	35.5	53.3	

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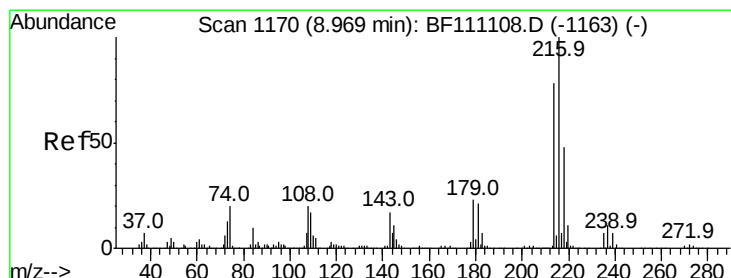
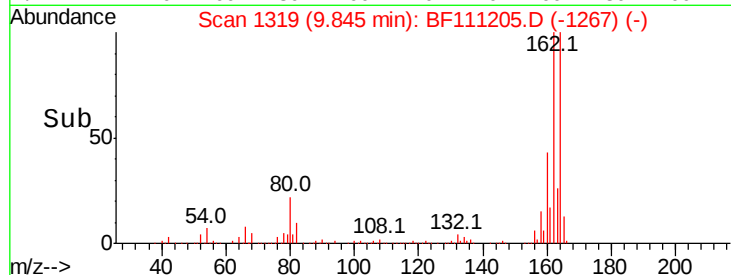
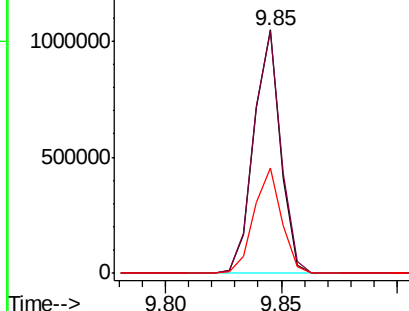


Abundance

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: 43.021 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF111205.D
Acq: 8 Dec 2018 00:06

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	965135		
214	78.8	63.4	95.0	
179	22.5	18.5	27.7	
108	21.6	19.1	28.7	

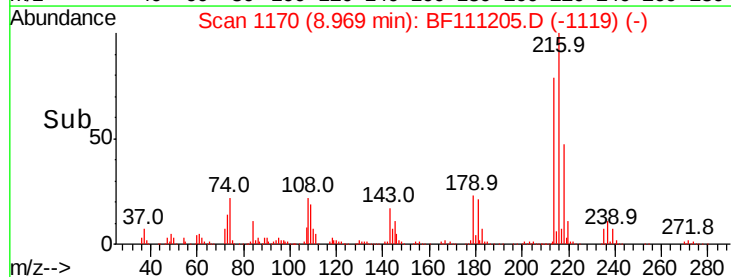
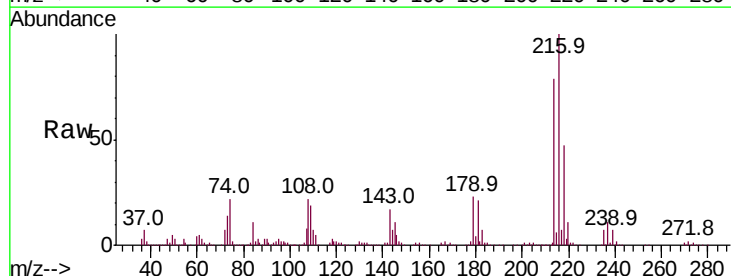
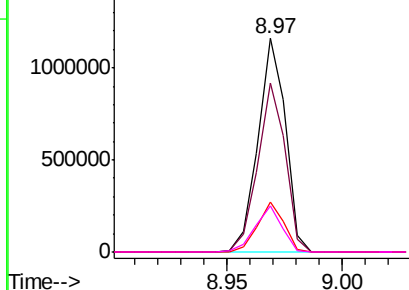
Abundance

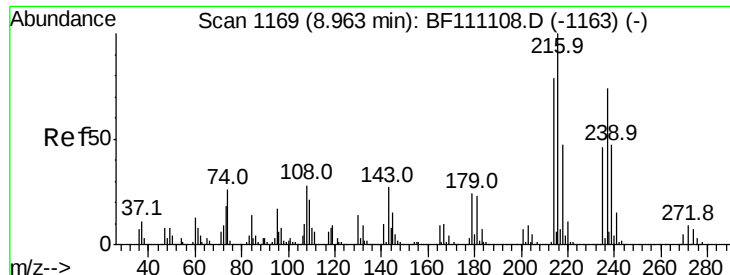
Ion 216.00 (215.70 to 216.70): E

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: 25.536 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

Instrument :

BNA_F

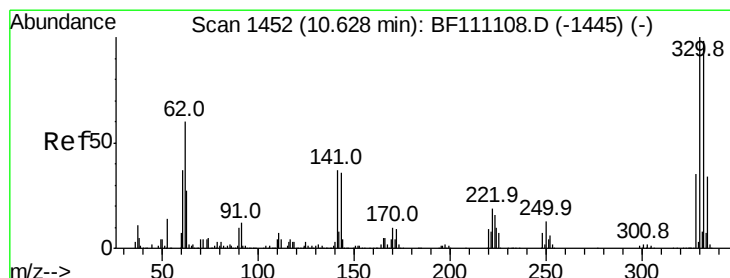
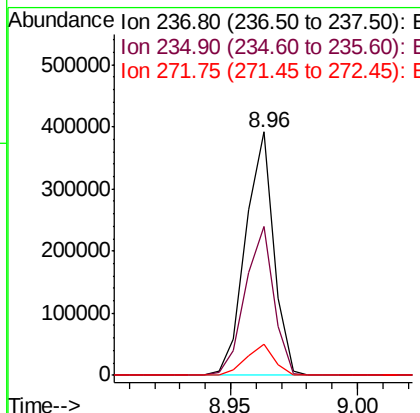
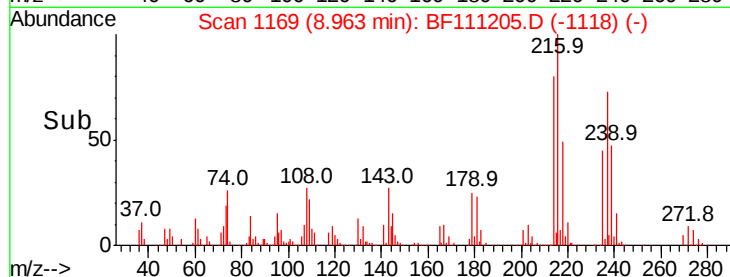
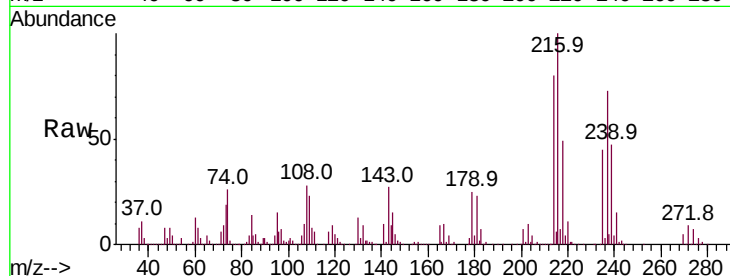
ClientSampleId :

SSTDCCC040

Tot Ion:	237	Resp:	302077
Ion Ratio		Lower	Upper
237	100		
235	61.0	41.9	81.9
272	12.9	0.0	32.7

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#42

2,4,6-Tribromophenol

Concen: 70.770 ng

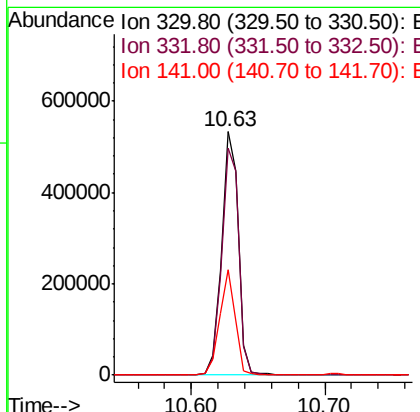
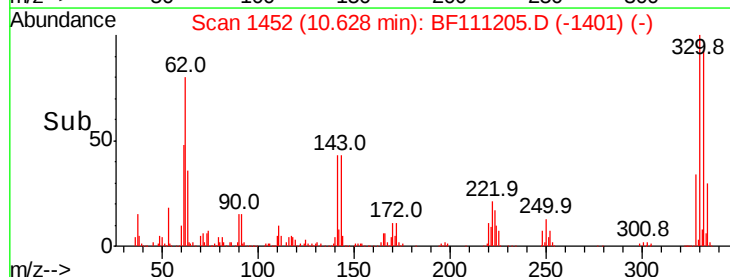
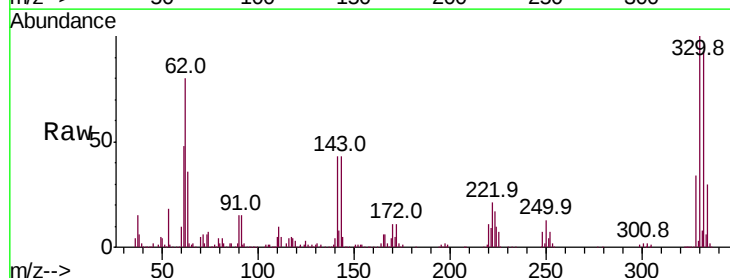
RT: 10.63 min Scan# 1452

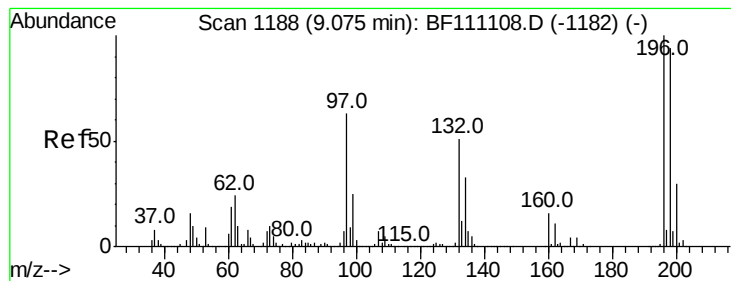
Delta R.T. 0.00 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

Tgt Ion:	330	Resp:	473514
Ion Ratio		Lower	Upper
330	100		
332	95.8	77.2	115.8
141	40.3	36.1	54.1





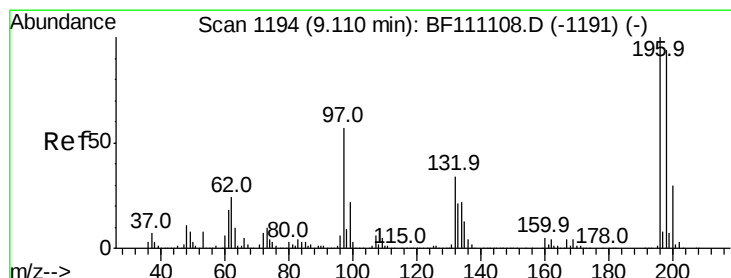
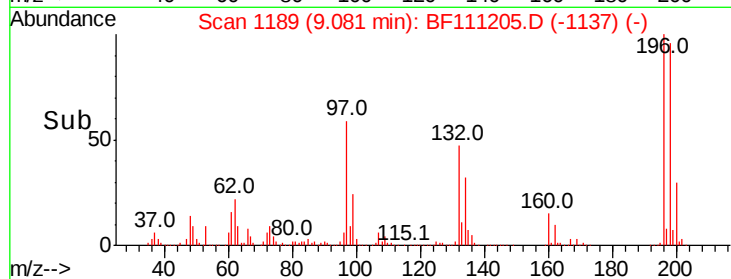
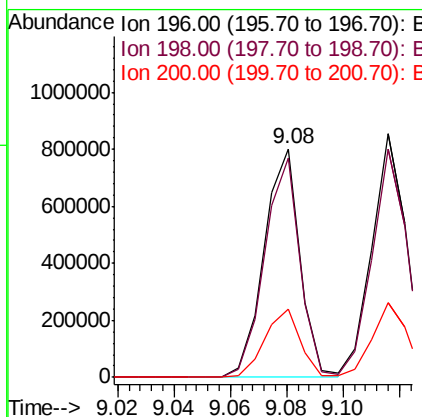
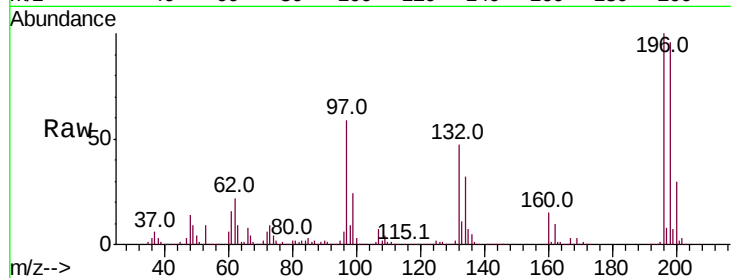
#43
 2,4,6-Trichlorophenol
 Concen: 43.100 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF111205.D
 Acq: 8 Dec 2018 00:06

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion:	196	Resp:	706189
Ion Ratio	Lower	Upper	
196	100		
198	96.0	75.4	113.0
200	29.8	24.2	36.4

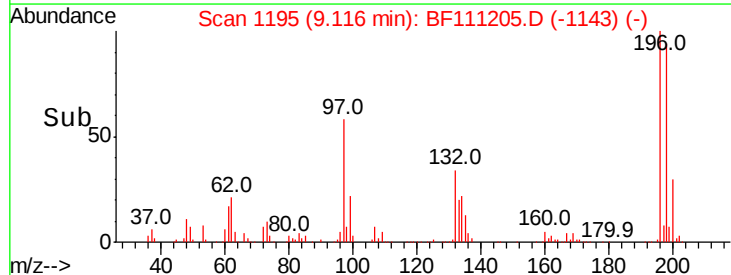
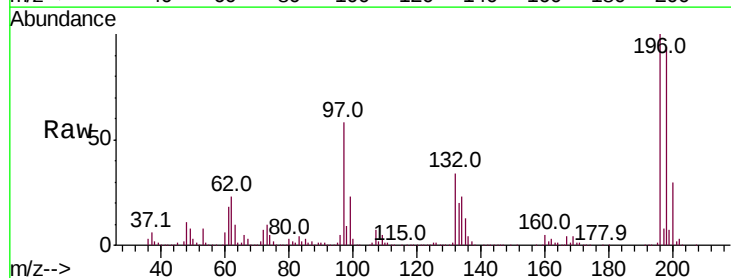
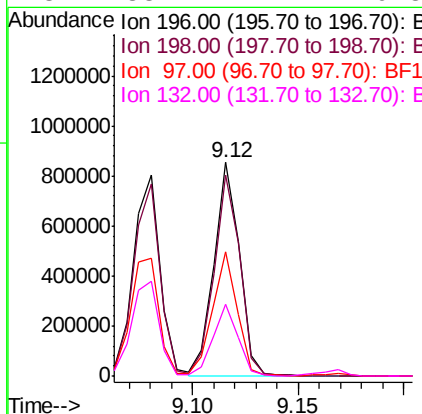
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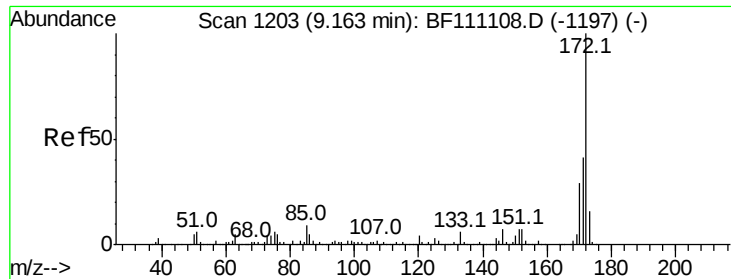
Sohil
 12/11/2018 8:44:51 AM



#44
 2,4,5-Trichlorophenol
 Concen: 43.295 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF111205.D
 Acq: 8 Dec 2018 00:06

Tgt Ion:	196	Resp:	719119
Ion Ratio	Lower	Upper	
196	100		
198	93.9	75.0	112.4
97	58.1	46.2	69.4
132	33.7	27.2	40.8





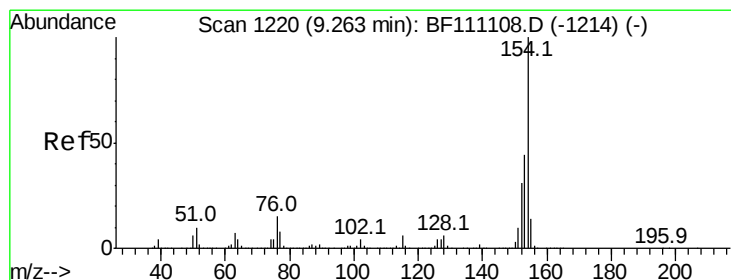
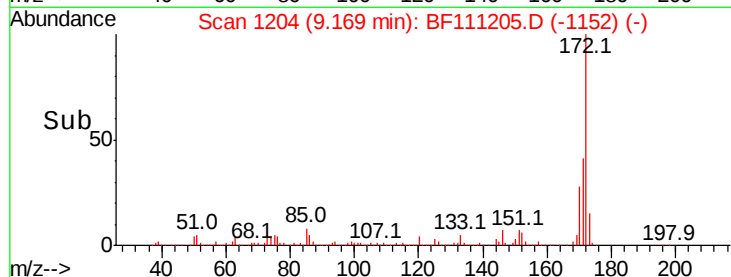
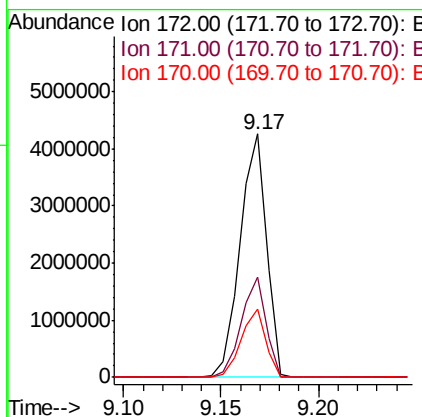
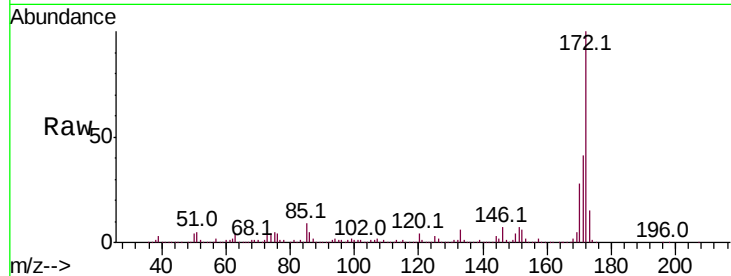
#45
2-Fluorobiphenyl
Concen: 88.284 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF111205.D
Acq: 8 Dec 2018 00:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 3989339
Ion Ratio Lower Upper
172 100
171 41.3 33.2 49.8
170 27.9 22.9 34.3

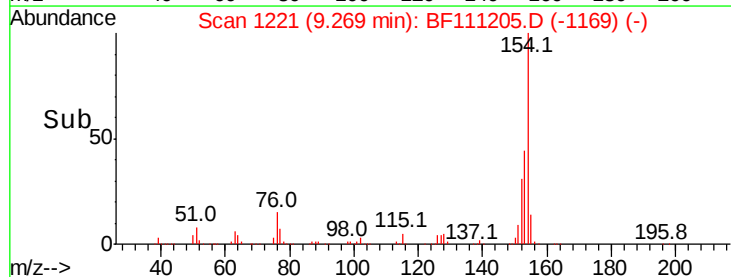
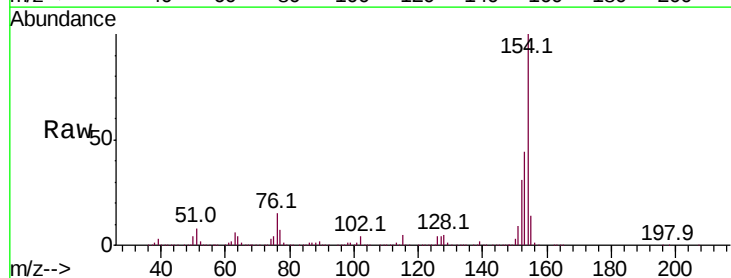
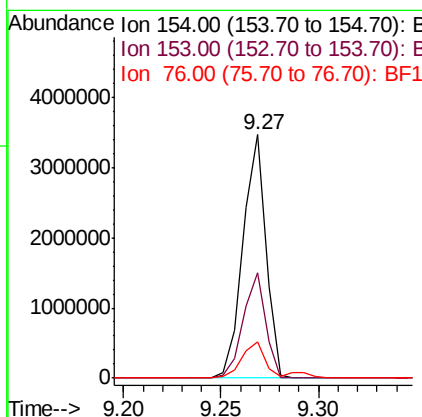
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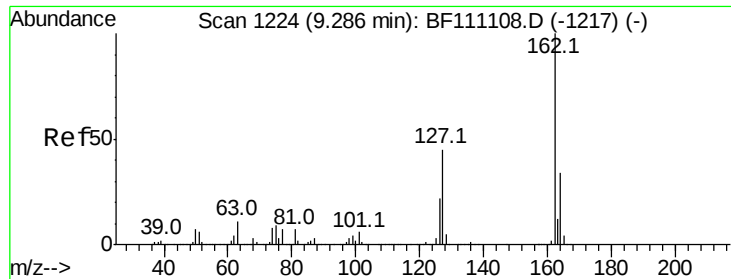
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#46
1,1'-Biphenyl
Concen: 41.117 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.01 min
Lab File: BF111205.D
Acq: 8 Dec 2018 00:06

Tgt Ion:154 Resp: 2833301
Ion Ratio Lower Upper
154 100
153 43.5 23.7 63.7
76 14.7 0.0 35.0





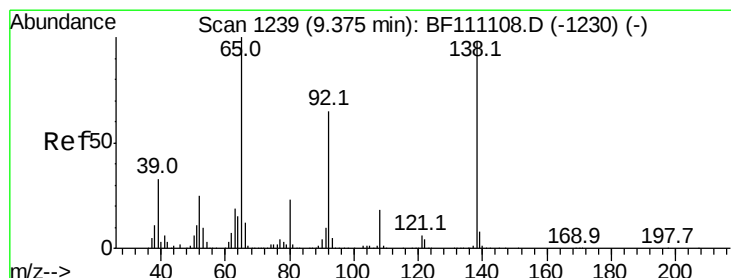
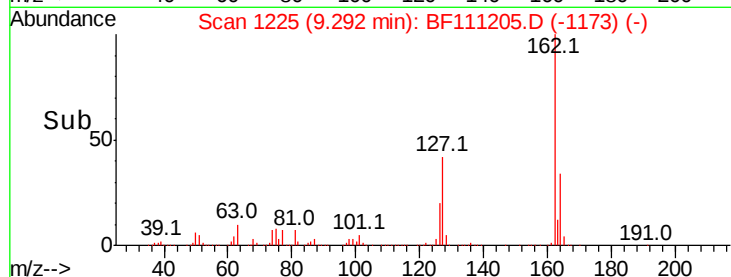
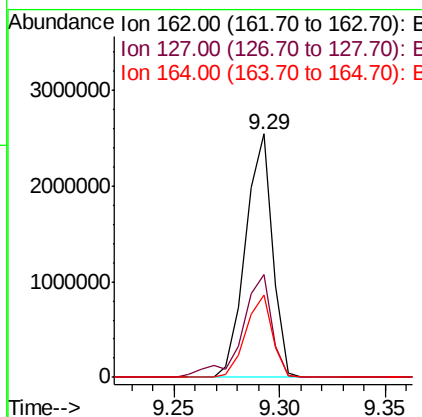
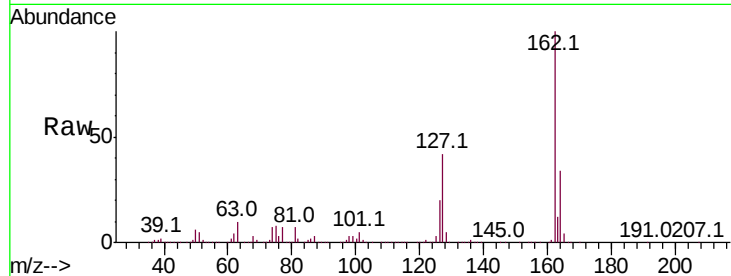
#47
 2-Chloronaphthalene
 Concen: 42.102 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BF111205.D
 Acq: 8 Dec 2018 00:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.5	36.4	54.6
164	33.6	27.3	40.9

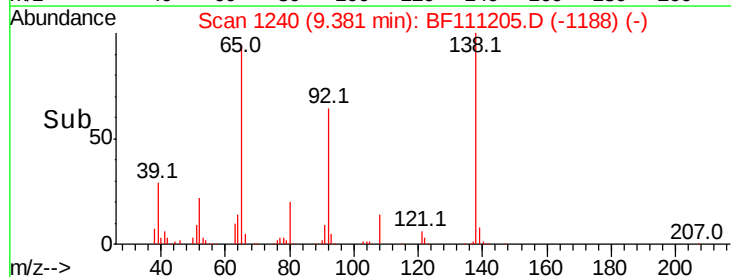
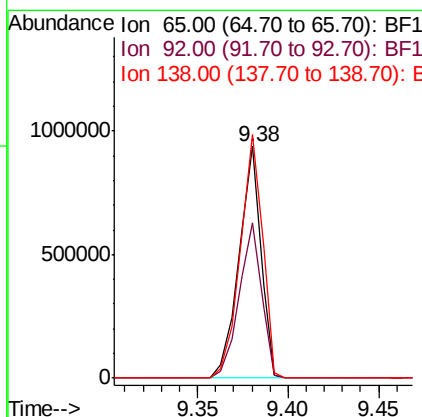
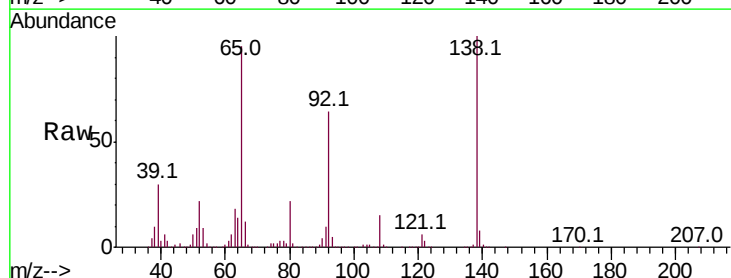
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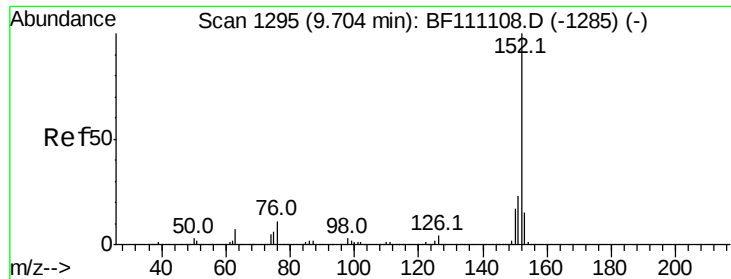
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#48
 2-Nitroaniline
 Concen: 45.404 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: BF111205.D
 Acq: 8 Dec 2018 00:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.8	52.1	78.1
138	105.1	78.2	117.4





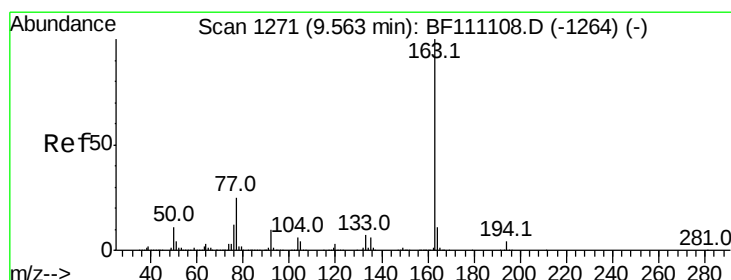
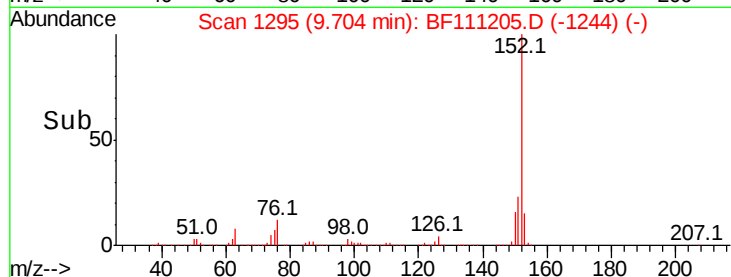
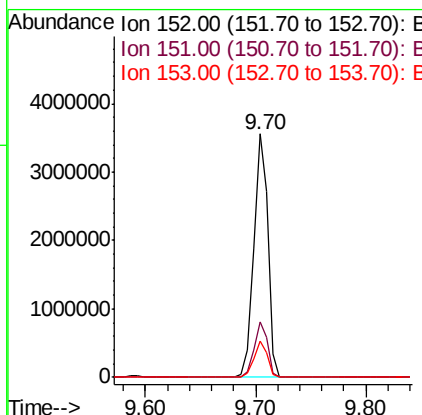
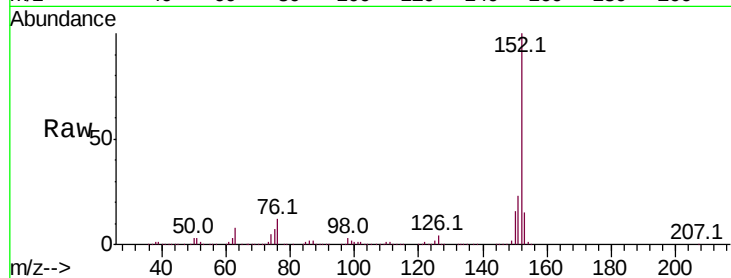
#49
Acenaphthylene
Concen: 42.369 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF111205.D
Acq: 8 Dec 2018 00:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.6	18.3	27.5
153	15.1	11.8	17.8

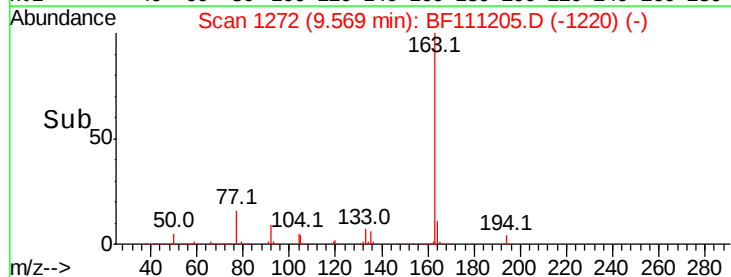
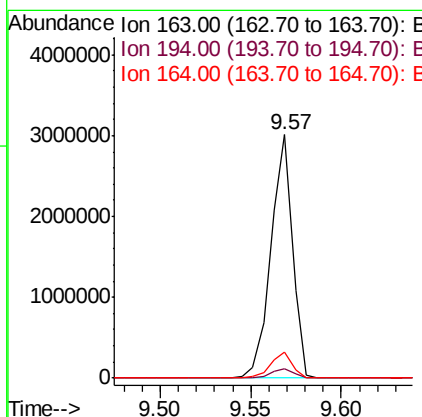
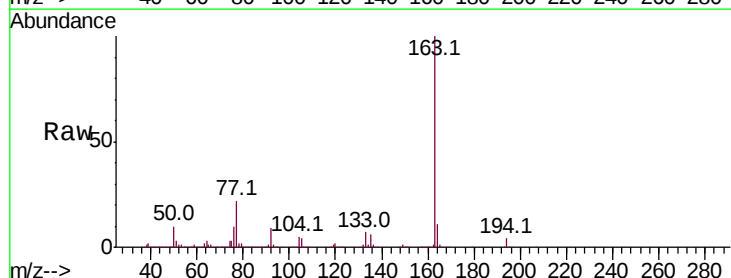
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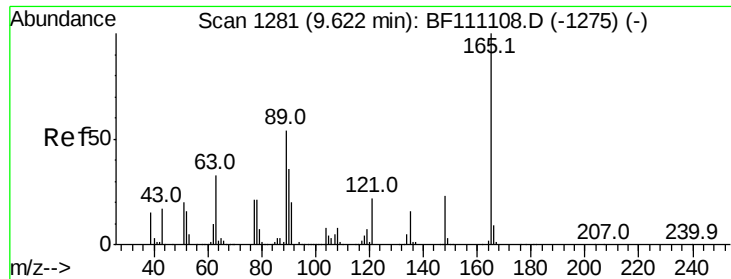
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#50
Dimethylphthalate
Concen: 42.577 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BF111205.D
Acq: 8 Dec 2018 00:06

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	10.6	8.9	13.3





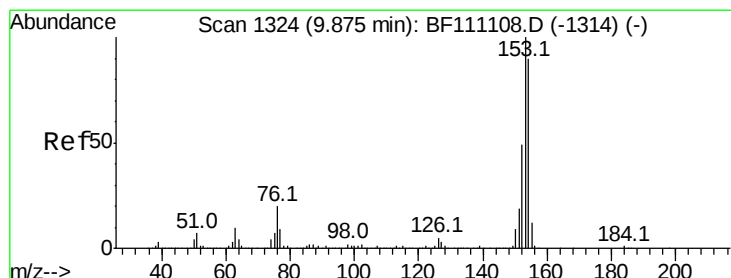
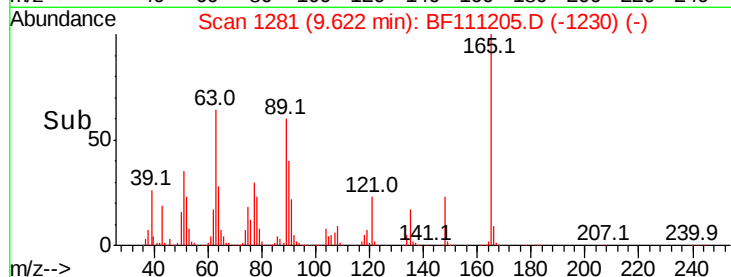
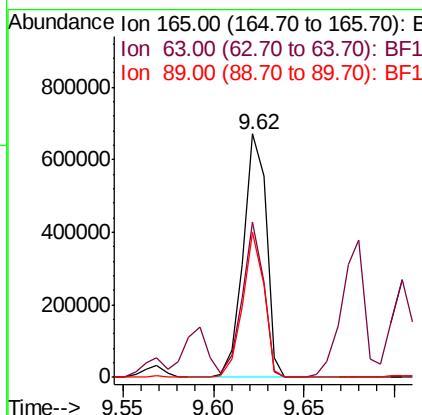
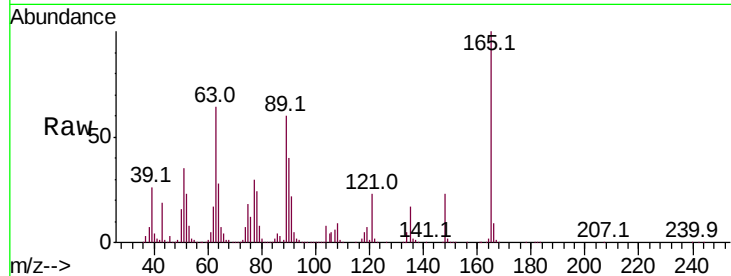
#51
 2,6-Dinitrotoluene
 Concen: 47.613 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BF111205.D
 Acq: 8 Dec 2018 00:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	591370		
63	63.6	44.7	67.1	
89	59.7	43.0	64.4	

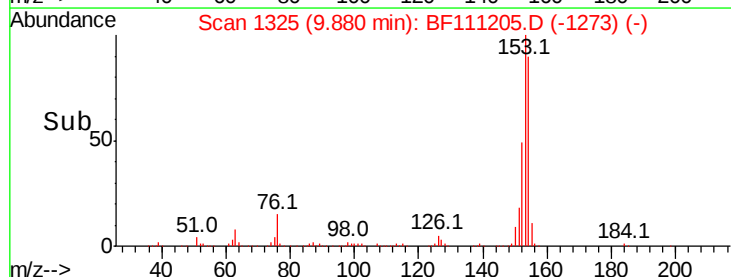
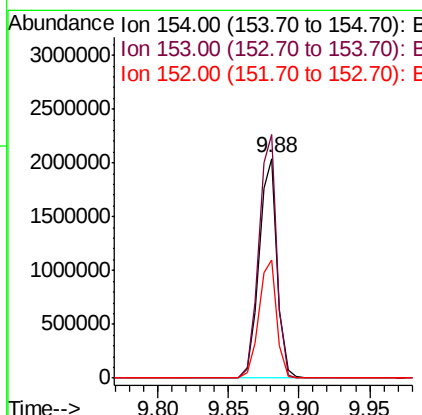
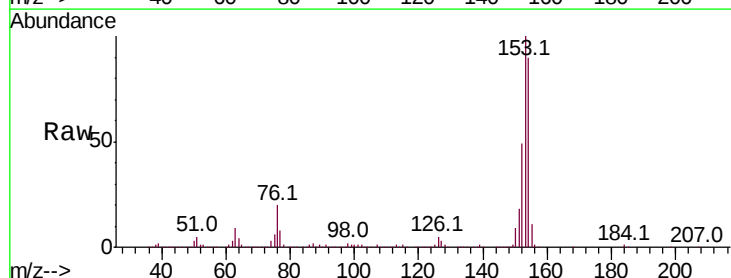
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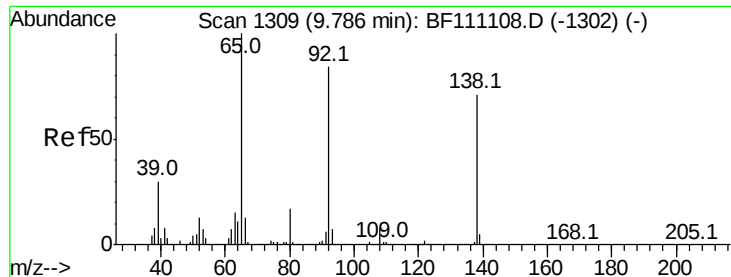
Sohil
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#52
 Acenaphthene
 Concen: 37.486 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.01 min
 Lab File: BF111205.D
 Acq: 8 Dec 2018 00:06

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1853551		
153	111.0	88.7	133.1	
152	54.2	43.8	65.8	





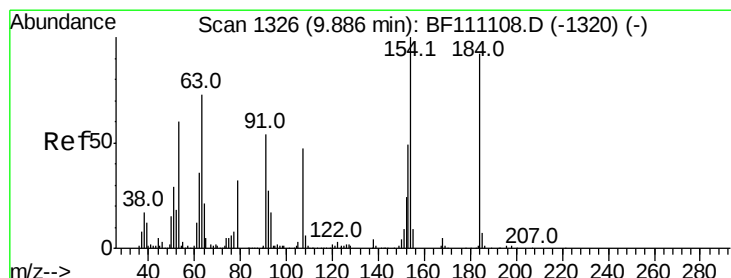
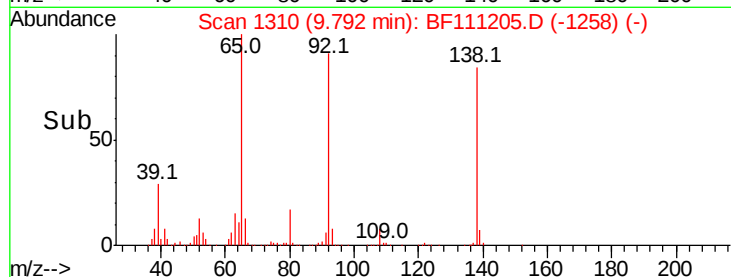
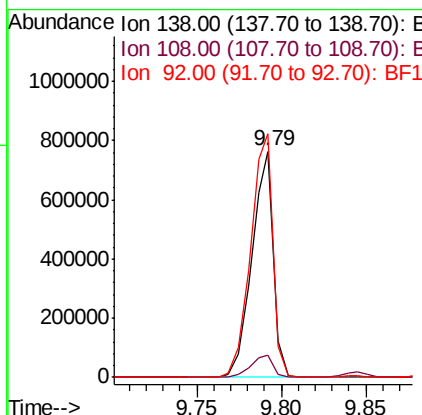
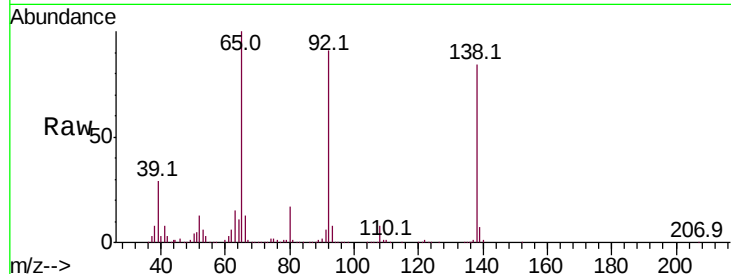
#53
3-Nitroaniline
Concen: 43.330 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF111205.D
Acq: 8 Dec 2018 00:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	9.4	14.0
92	107.7	94.1	141.1

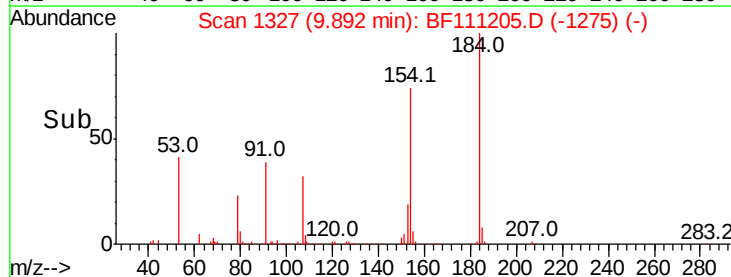
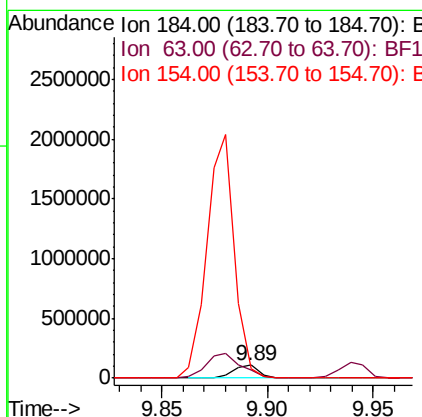
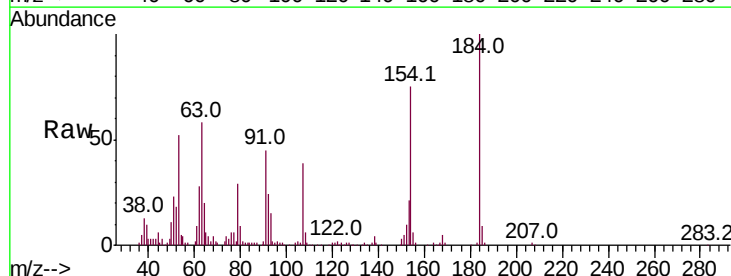
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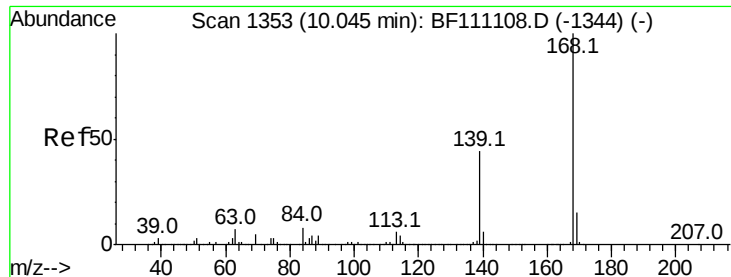
Sohil
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#54
2,4-Dinitrophenol
Concen: 27.238 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF111205.D
Acq: 8 Dec 2018 00:06

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.9	64.2	96.4#
154	74.9	89.5	134.3#





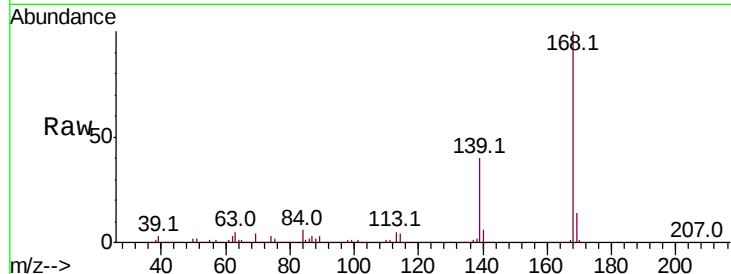
#55
Dibenzofuran
Concen: 37.378 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF111205.D
Acq: 8 Dec 2018 00:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.0	35.1	52.7
169	14.2	12.2	18.4

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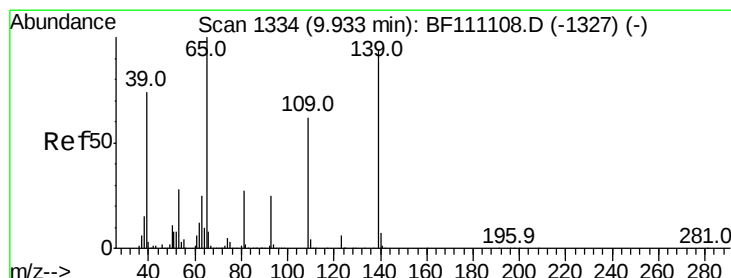
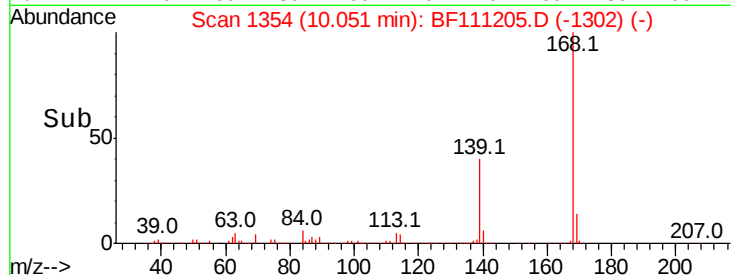
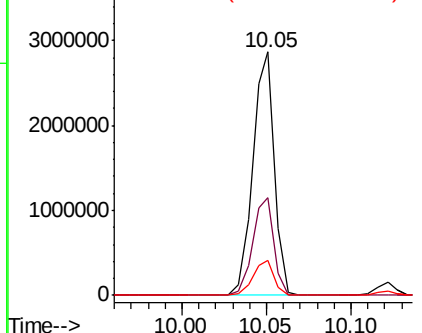


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 38.014 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111205.D
Acq: 8 Dec 2018 00:06

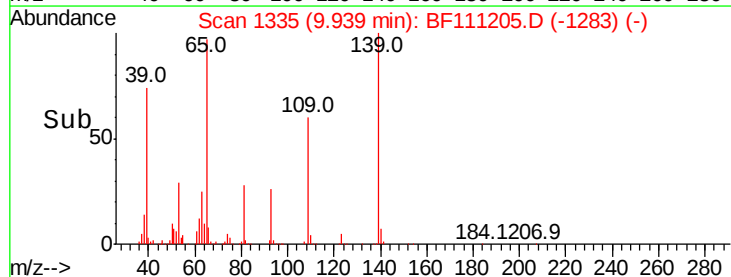
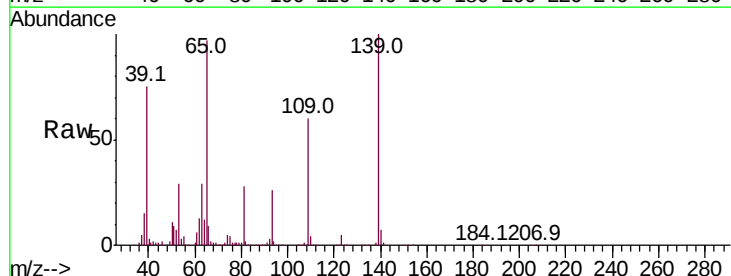
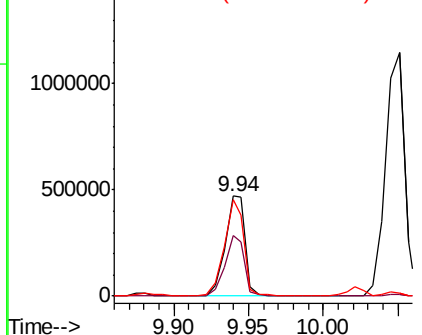
Tgt Ion	Ratio	Lower	Upper
139	100		
109	60.2	46.1	86.1
65	97.3	87.0	127.0

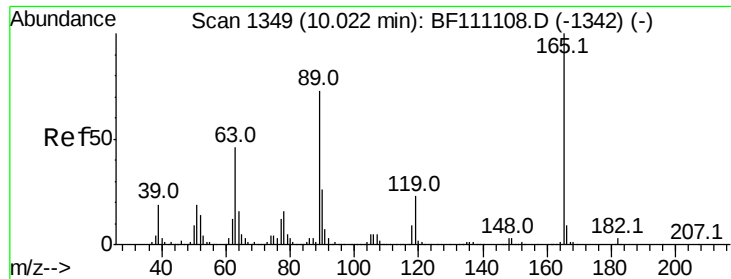
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





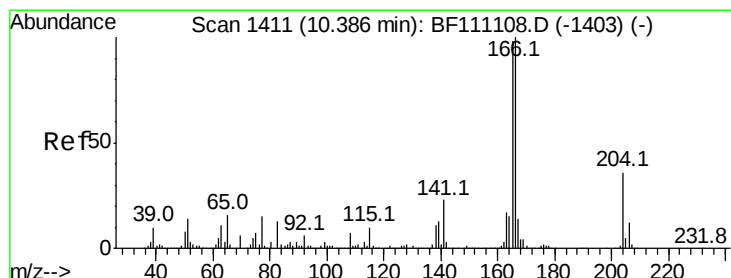
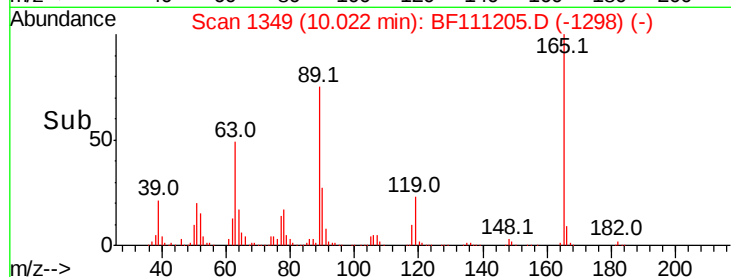
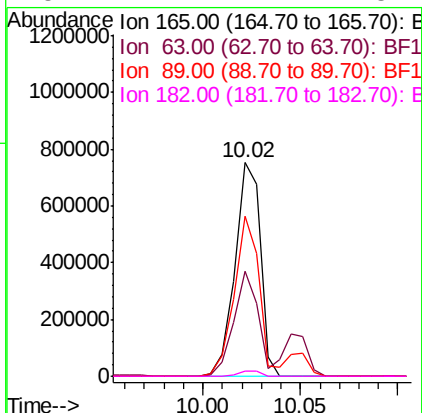
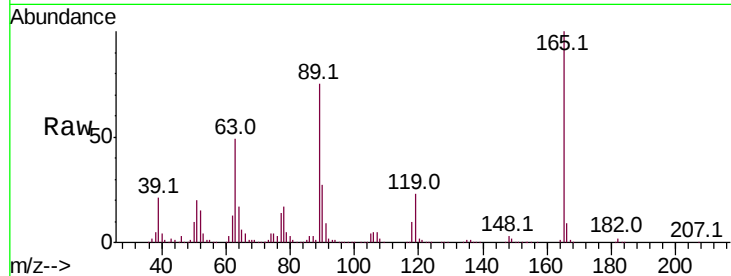
#57
 2,4-Dinitrotoluene
 Concen: 42.360 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. 0.00 min
 Lab File: BF111205.D
 Acq: 8 Dec 2018 00:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	679502		
63	49.3	36.7	55.1	
89	75.1	58.4	87.6	
182	2.2	2.1	3.1	

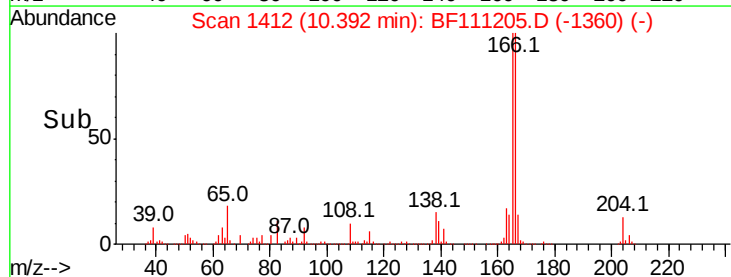
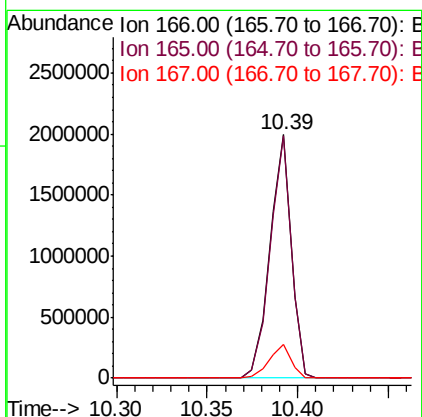
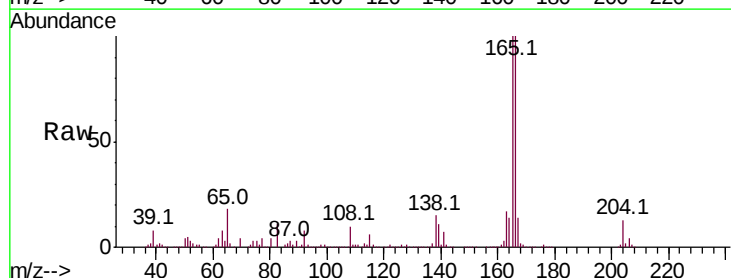
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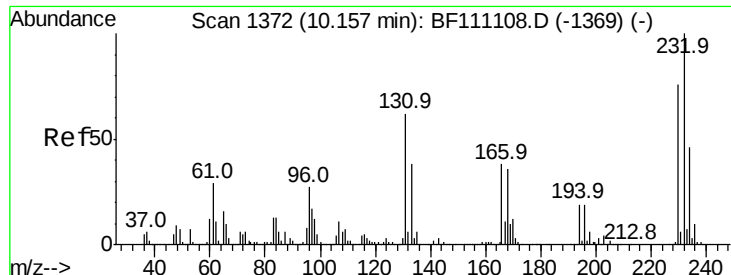
Sohil
 12/11/2018 8:44:51 AM



#58
 Fluorene
 Concen: 33.998 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.01 min
 Lab File: BF111205.D
 Acq: 8 Dec 2018 00:06

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1632808		
165	99.8	78.4	117.6	
167	13.8	11.4	17.2	





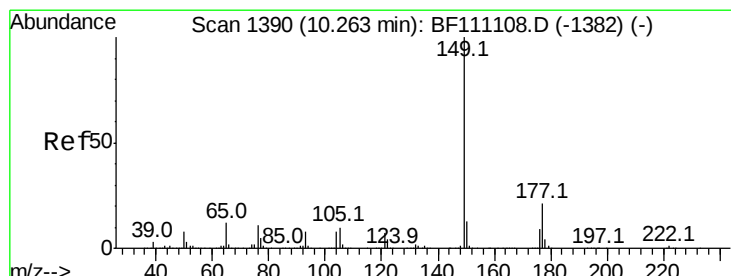
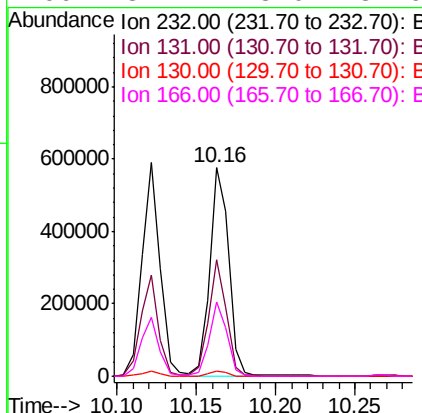
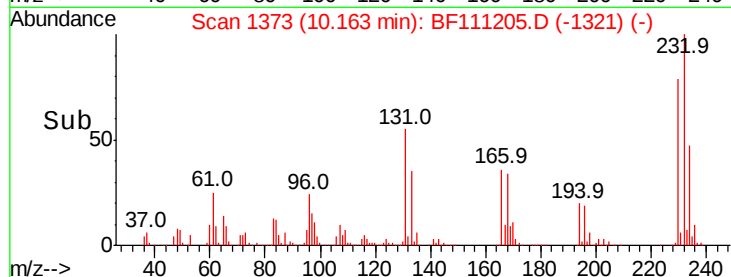
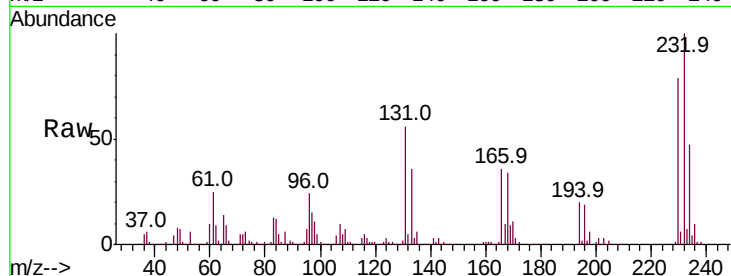
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.925 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.01 min
 Lab File: BF111205.D
 Acq: 8 Dec 2018 00:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	53.0	40.4	60.6
130	2.5	2.1	3.1
166	34.1	23.0	34.6

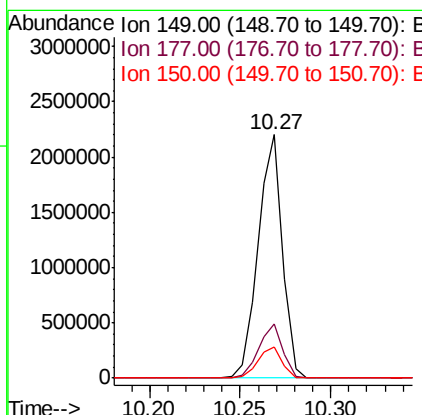
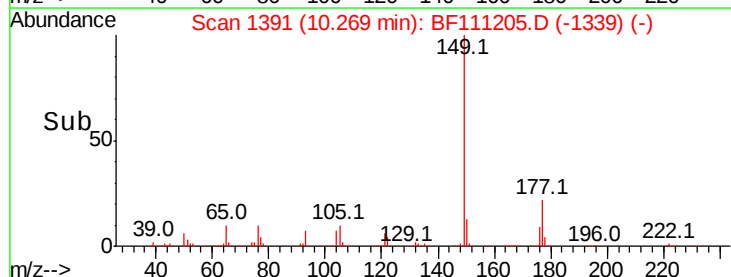
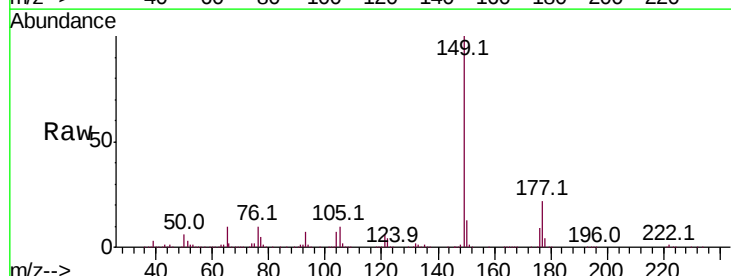
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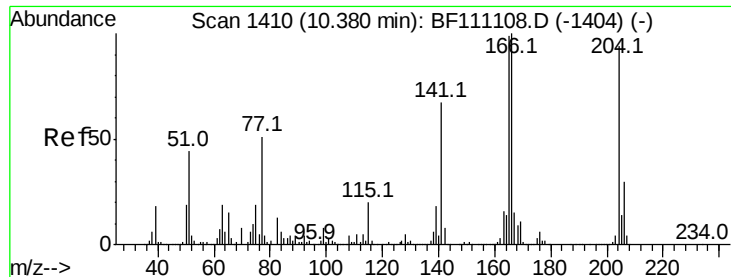
Sohil
 12/11/2018 8:44:51 AM



#60
 Diethylphthalate
 Concen: 34.765 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.01 min
 Lab File: BF111205.D
 Acq: 8 Dec 2018 00:06

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.0	25.6
150	12.8	10.5	15.7





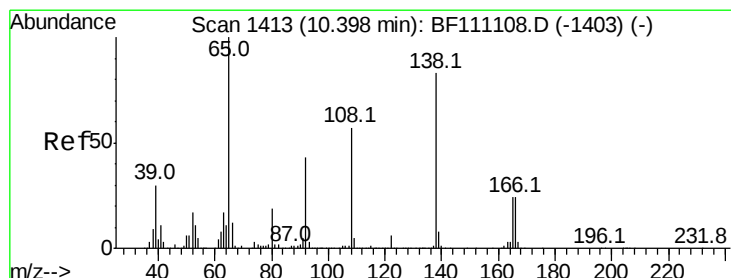
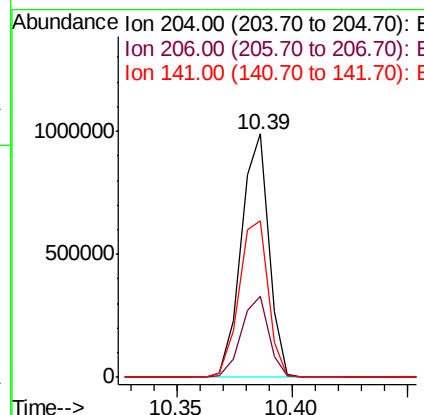
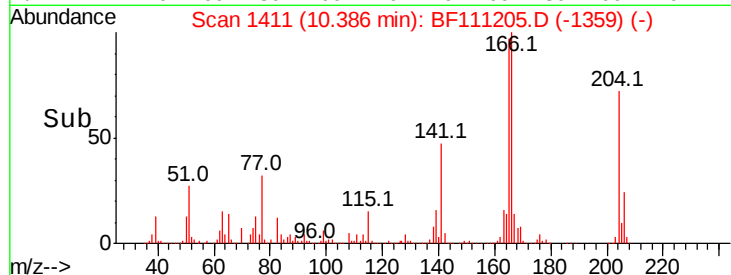
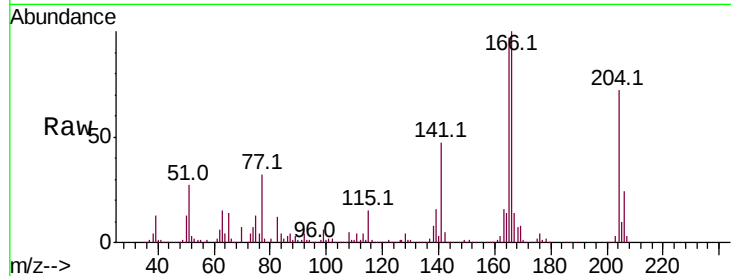
#61
4-Chlorophenyl-phenylether
Concen: 34.912 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF111205.D
Acq: 8 Dec 2018 00:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	25.9	38.9
141	64.5	57.4	86.0

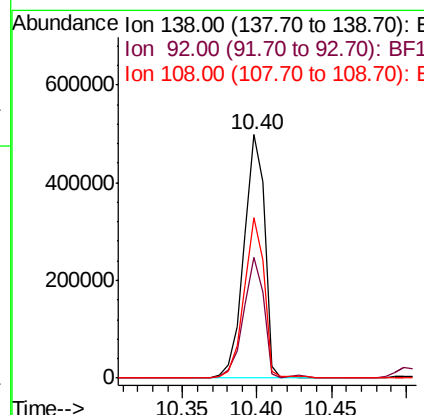
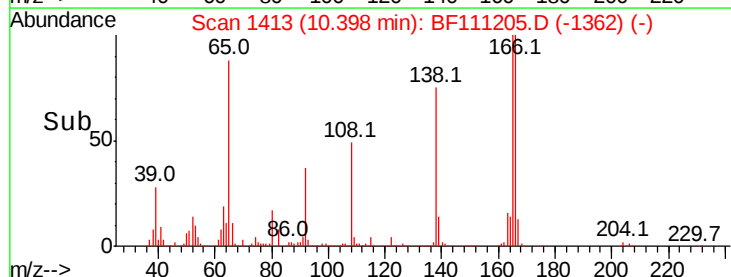
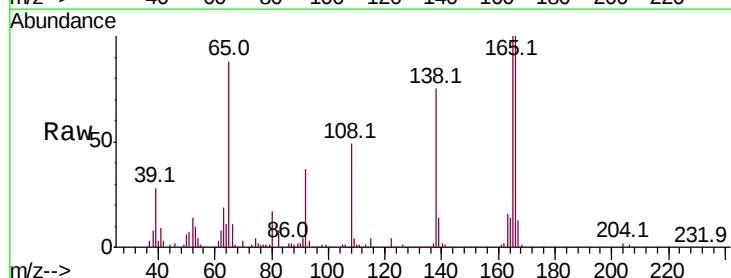
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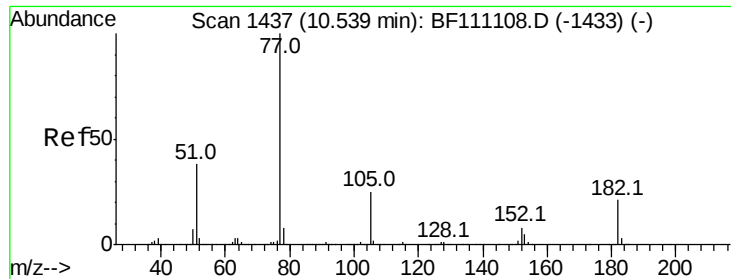
Sohil
12/11/2018 8:44:51 AM



#62
4-Nitroaniline
Concen: 34.394 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF111205.D
Acq: 8 Dec 2018 00:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.3	31.6	71.6
108	65.9	48.3	88.3





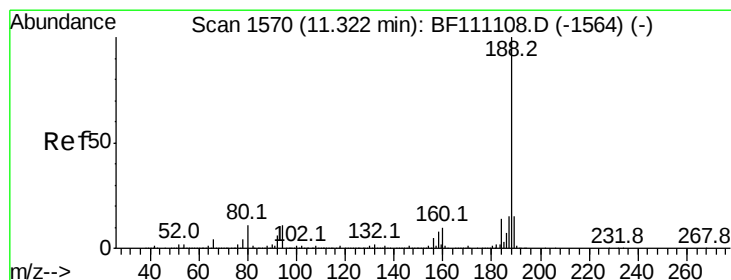
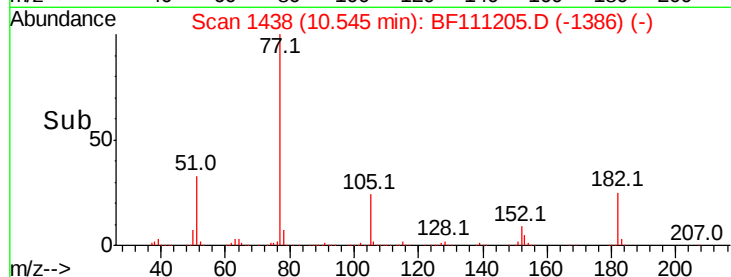
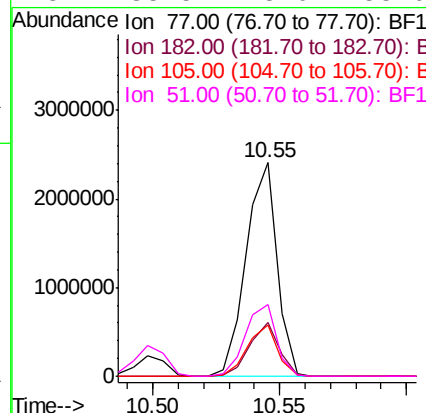
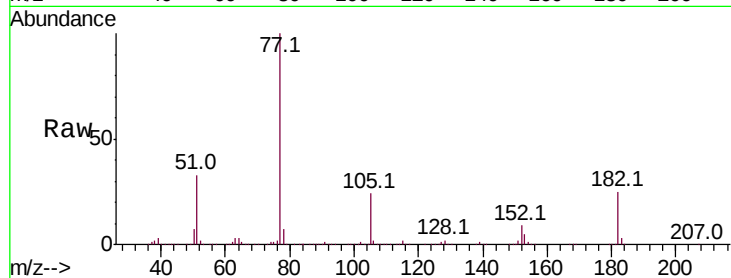
#63
Azobenzene
Concen: 32.782 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF111205.D
Acq: 8 Dec 2018 00:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.0	1.4	41.4
105	23.9	4.7	44.7
51	33.5	18.0	58.0

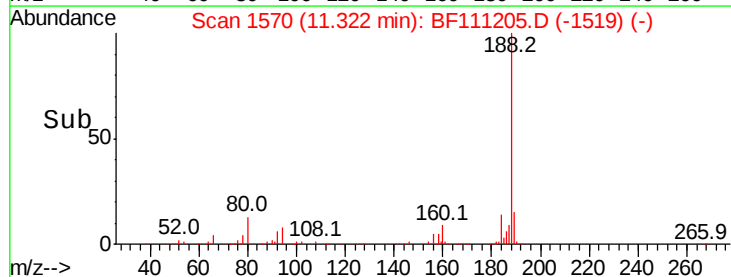
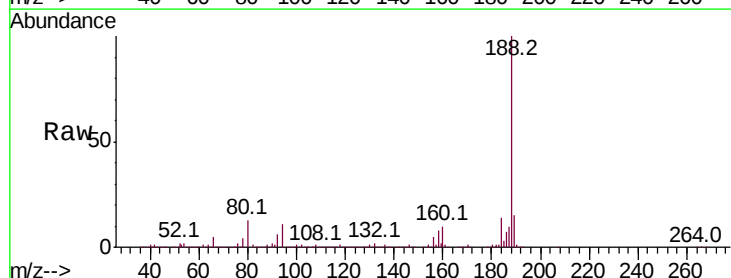
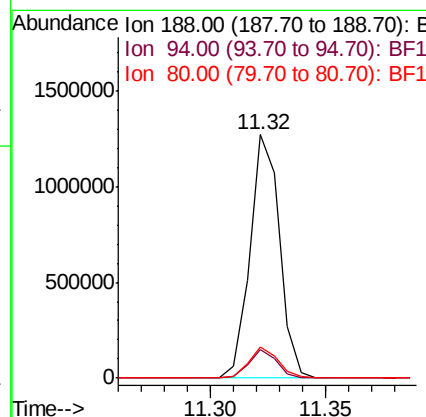
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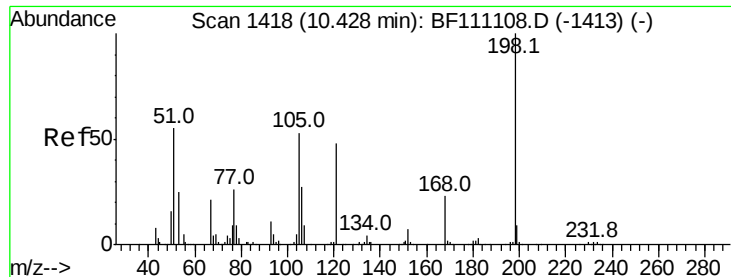
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF111205.D
Acq: 8 Dec 2018 00:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.5	12.7
80	12.9	9.0	13.6





#65

4,6-Dinitro-2-methylphenol

Concen: 31.386 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.01 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:198 Resp: 147635

Ion Ratio Lower Upper

198 100

51 49.7 48.8 88.8

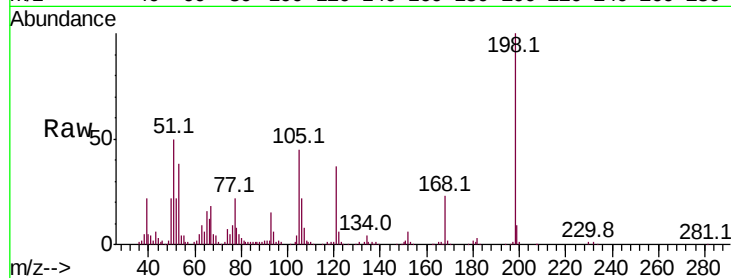
105 45.1 35.2 75.2

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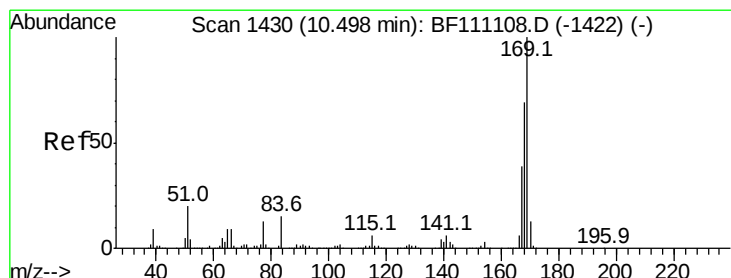
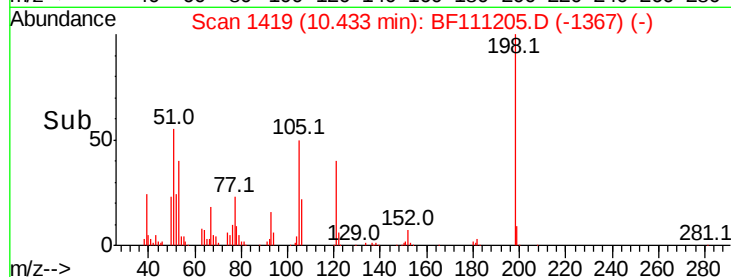
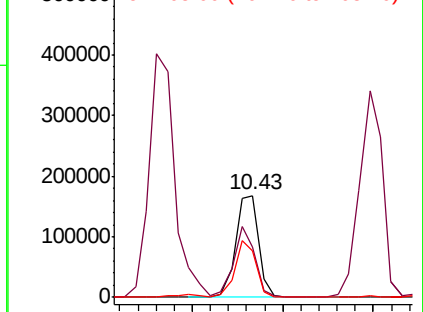
12/11/2018 8:44:51 AM



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: 41.766 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.01 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

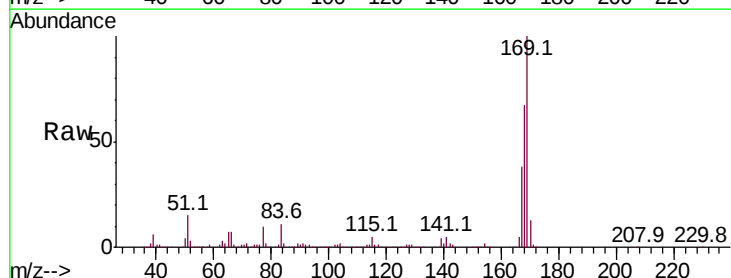
Tgt Ion:169 Resp: 1665102

Ion Ratio Lower Upper

169 100

168 67.1 55.4 83.2

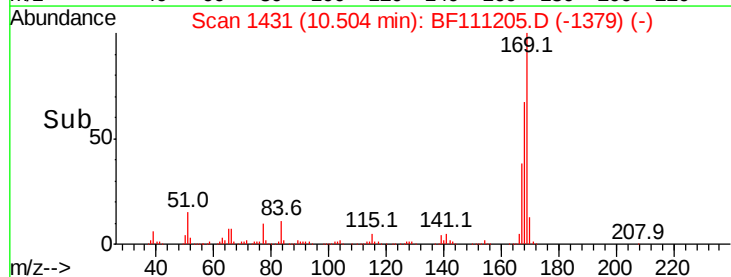
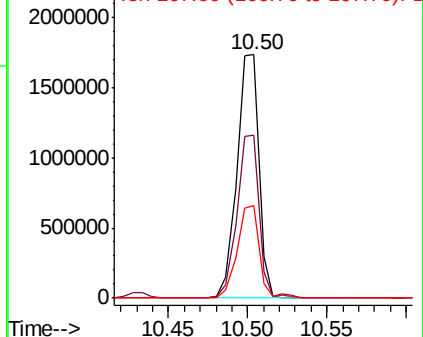
167 38.0 31.1 46.7

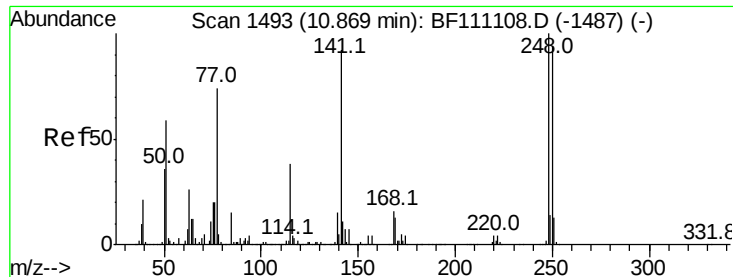


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





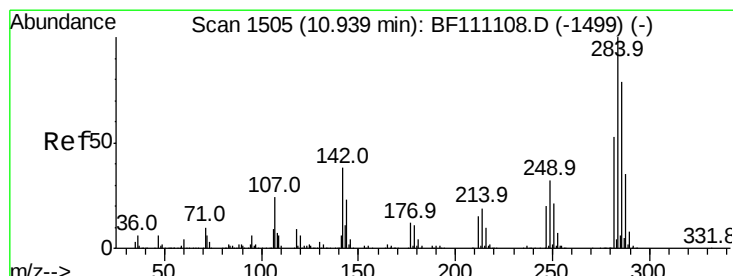
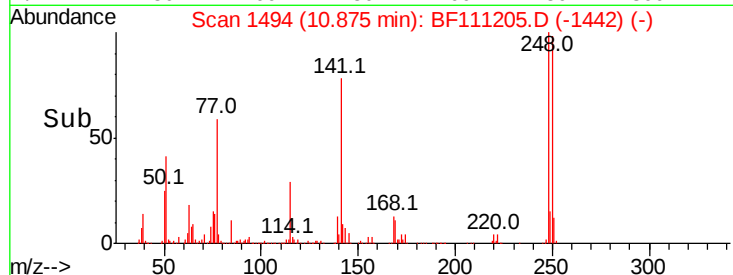
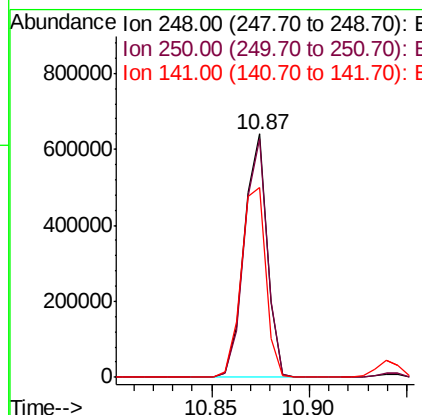
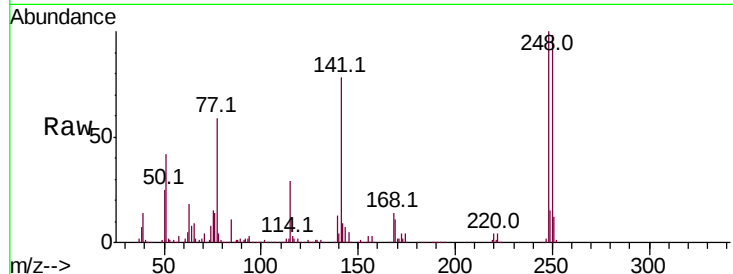
#67
4-Bromophenyl-phenylether
Concen: 43.212 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF111205.D
Acq: 8 Dec 2018 00:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	75.4	113.0
141	77.8	73.8	110.6

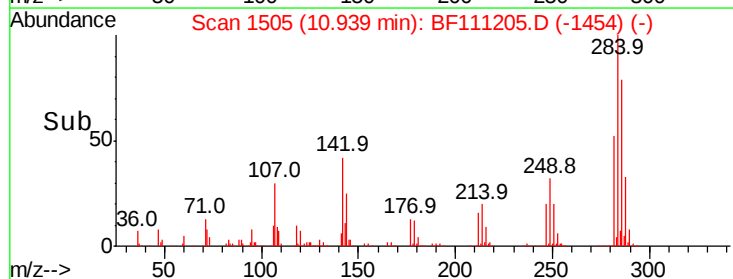
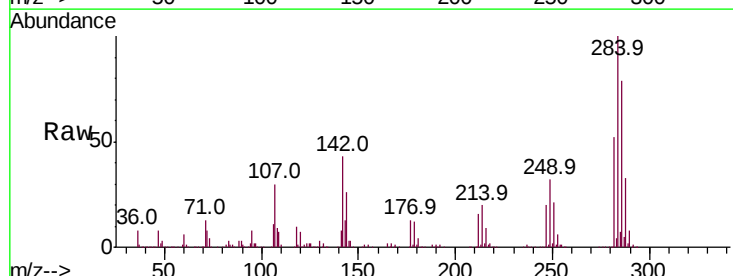
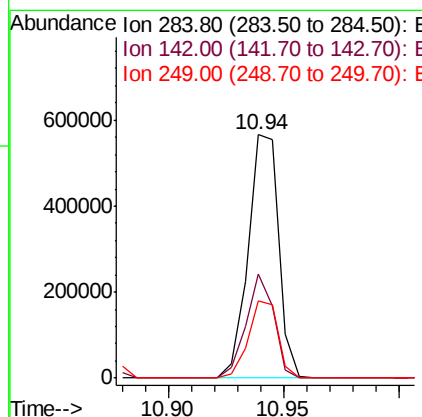
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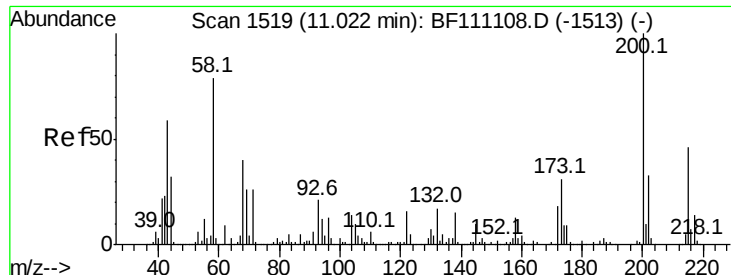
Sohil
12/11/2018 8:44:51 AM



#68
Hexachlorobenzene
Concen: 42.500 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF111205.D
Acq: 8 Dec 2018 00:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	42.7	30.2	45.2
249	31.9	25.3	37.9





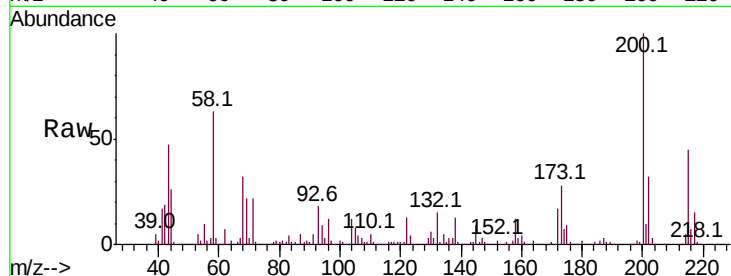
#69
Atrazine
Concen: Below Cal
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF111205.D
Acq: 8 Dec 2018 00:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

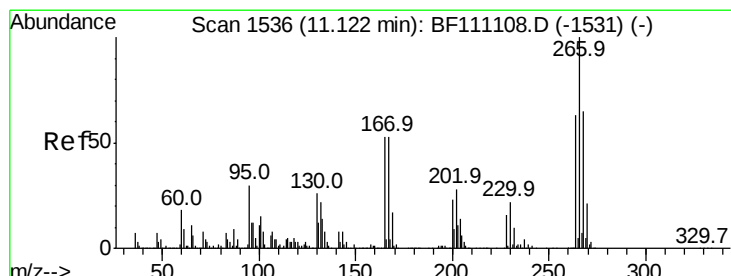
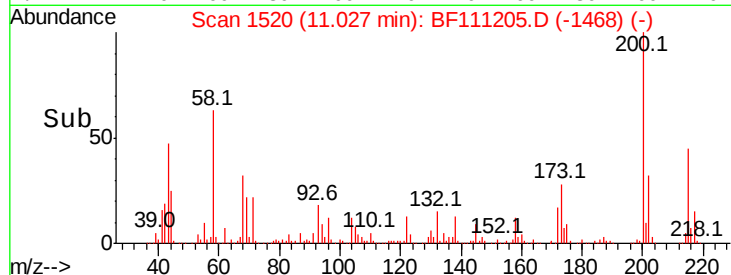
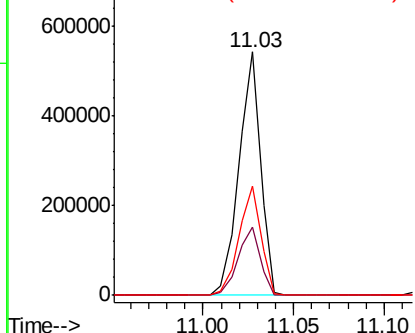
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.3	11.3	51.3
215	45.1	25.9	65.9

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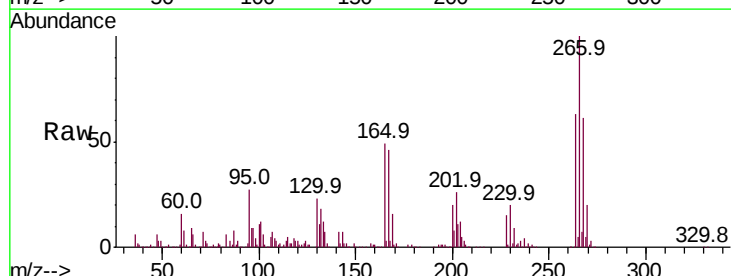


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

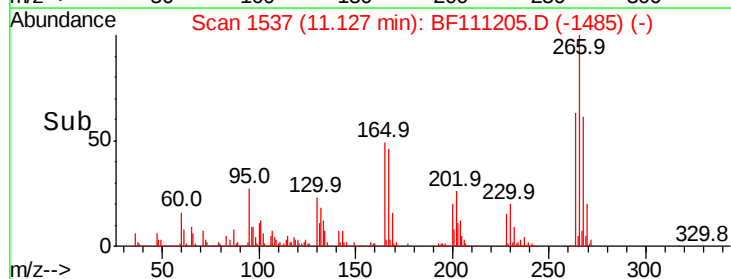
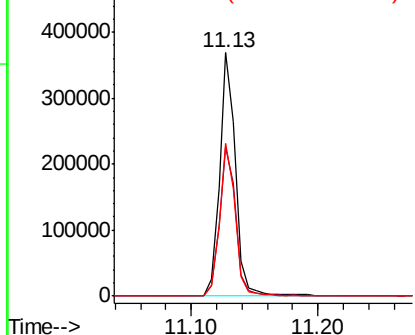


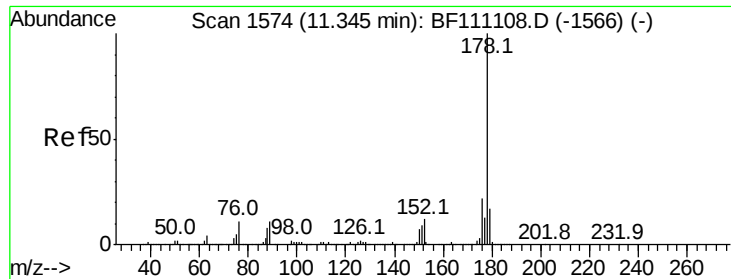
#70
Pentachlorophenol
Concen: 40.027 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF111205.D
Acq: 8 Dec 2018 00:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.4	52.2	78.4
264	63.0	50.8	76.2



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





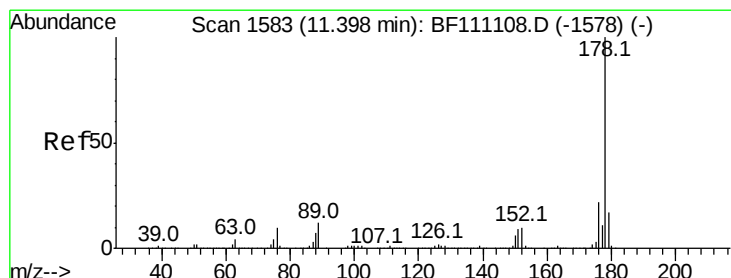
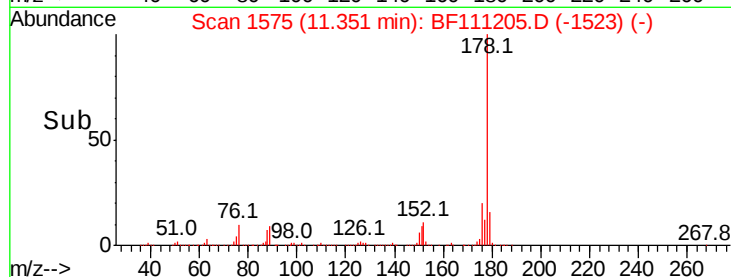
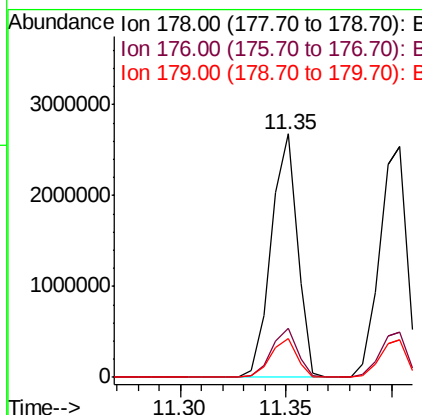
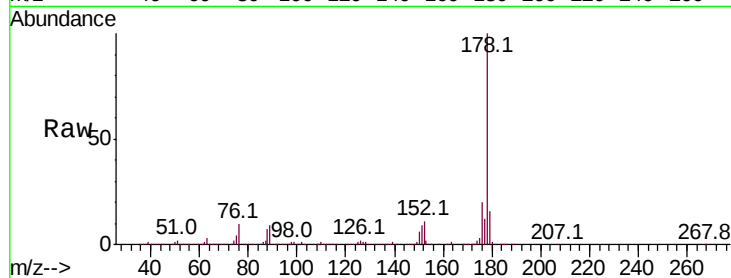
#71
Phenanthrene
Concen: 42.345 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF111205.D
Acq: 8 Dec 2018 00:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 2319098
Ion Ratio Lower Upper
178 100
176 20.3 17.7 26.5
179 15.9 14.0 21.0

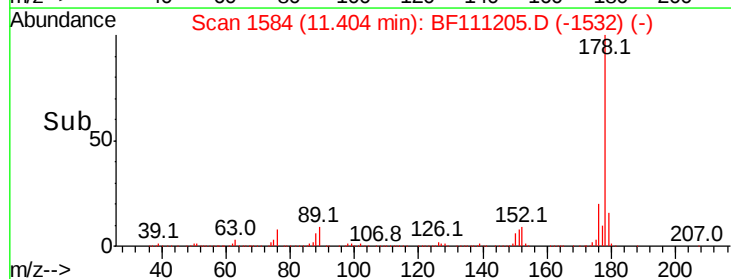
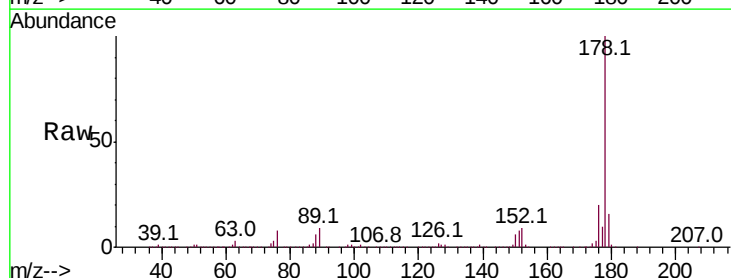
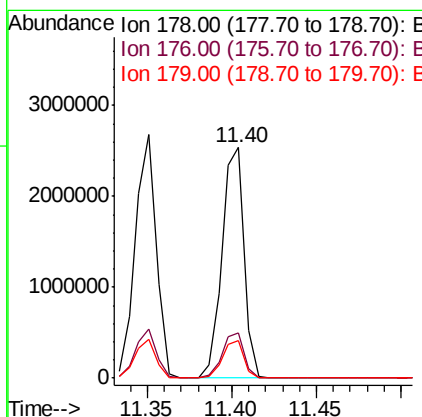
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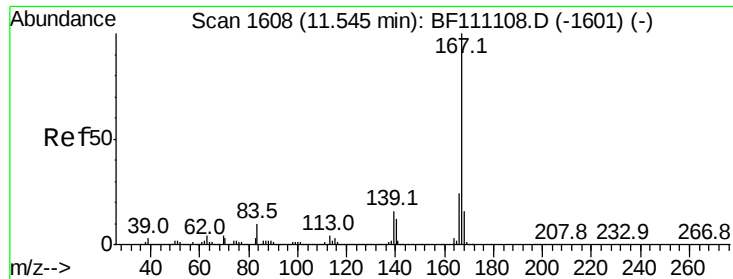
Sohil
12/11/2018 8:44:51 AM



#72
Anthracene
Concen: 41.665 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF111205.D
Acq: 8 Dec 2018 00:06

Tgt Ion:178 Resp: 2300115
Ion Ratio Lower Upper
178 100
176 19.9 17.3 25.9
179 16.1 13.8 20.8





#73

Carbazole

Concen: 39.650 ng

RT: 11.55 min Scan# 1609

Delta R.T. 0.01 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 2277609

Ion Ratio Lower Upper

167 100

166 22.9 19.4 29.0

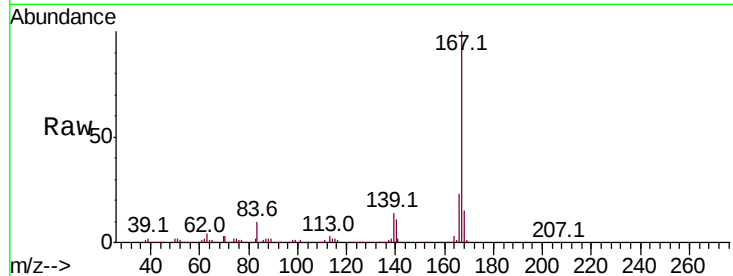
139 14.1 12.6 18.8

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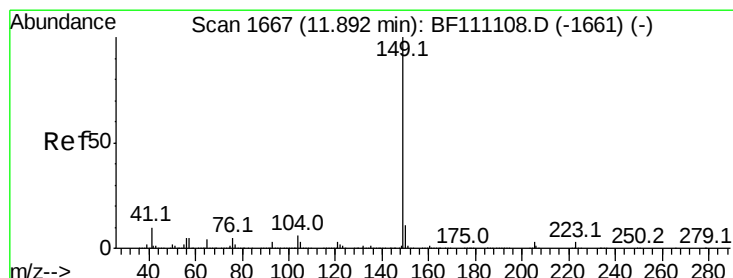
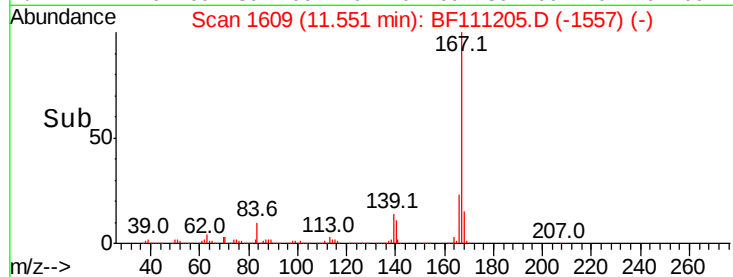
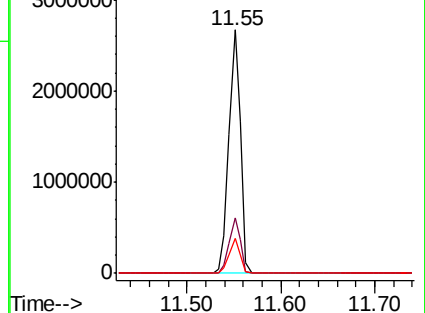
12/11/2018 8:44:51 AM



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: 43.592 ng

RT: 11.89 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

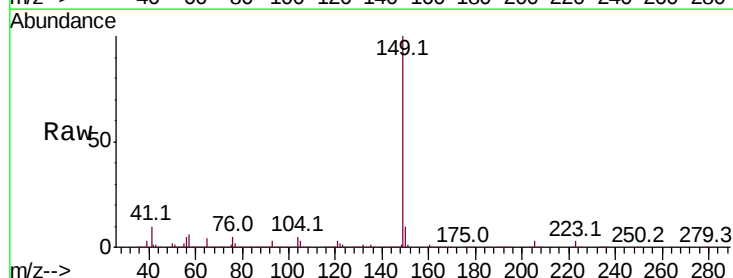
Tgt Ion:149 Resp: 2931239

Ion Ratio Lower Upper

149 100

150 10.3 8.6 12.8

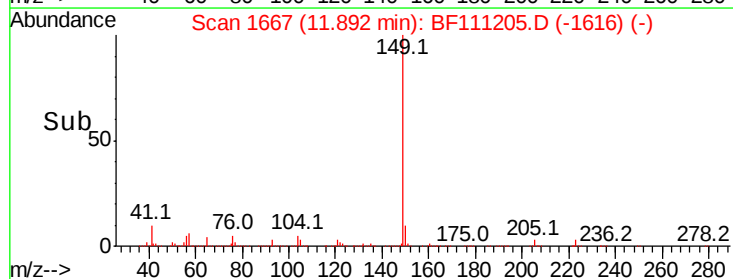
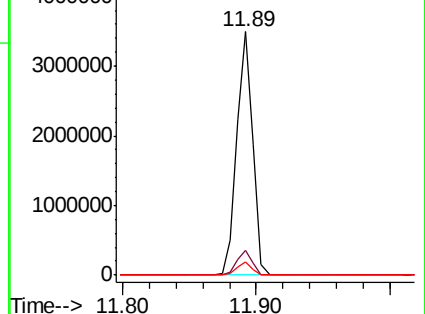
104 5.5 4.5 6.7

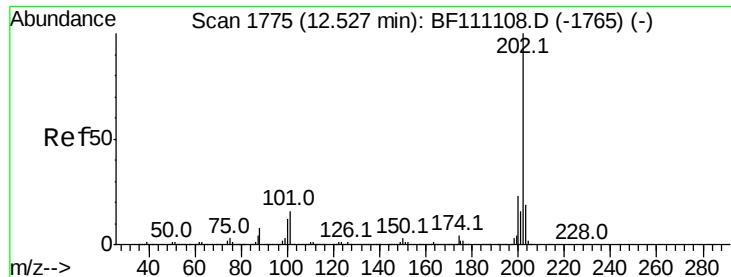


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.163 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.01 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

Instrument :

BNA_F

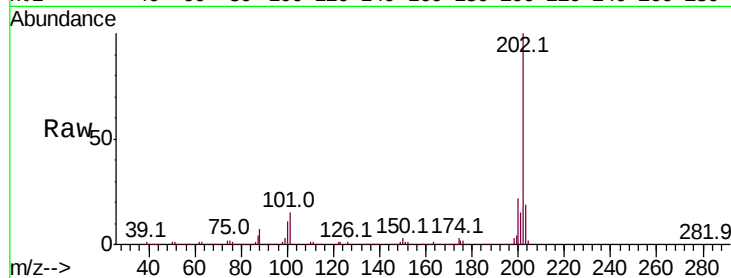
ClientSampleId :

SSTDCCC040

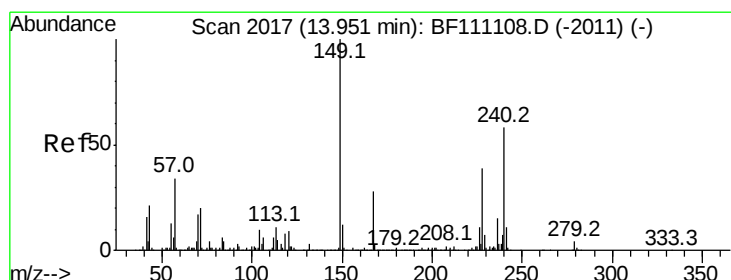
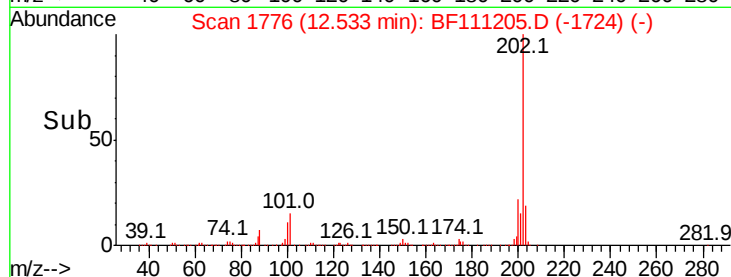
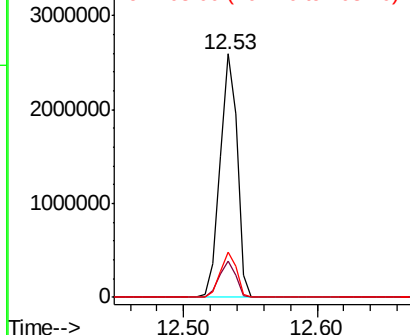
Tot Ion:	202	Resp:	2366782
Ion	Ratio	Lower	Upper
202	100		
101	14.8	0.0	35.8
203	18.6	0.0	38.6

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

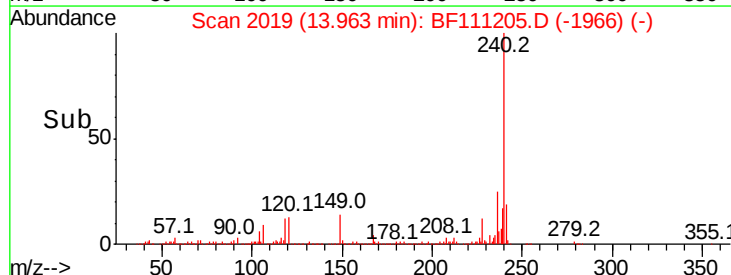
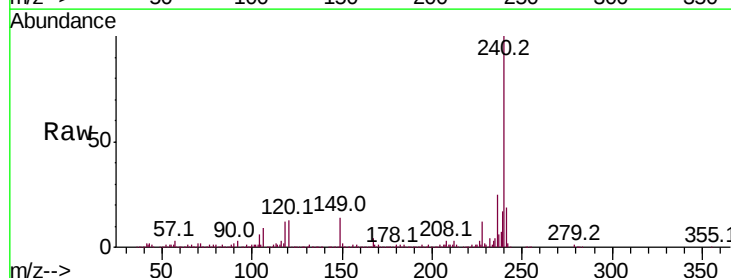
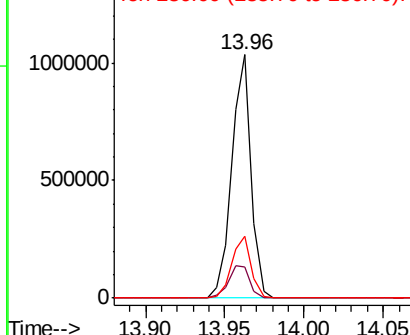
Delta R.T. 0.01 min

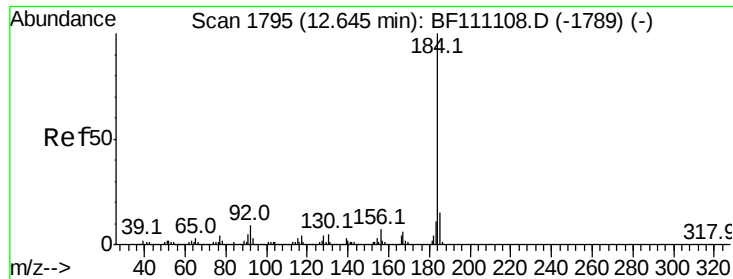
Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

Tgt Ion:	240	Resp:	871879
Ion	Ratio	Lower	Upper
240	100		
120	12.7	12.8	19.2#
236	25.3	21.1	31.7

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.477 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 1023634

Ion Ratio Lower Upper

184 100

185 15.1 12.0 18.0

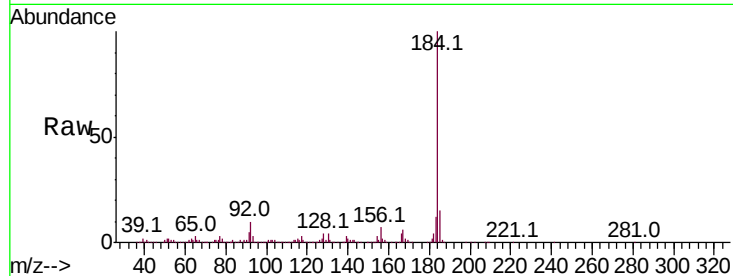
183 11.5 8.9 13.3

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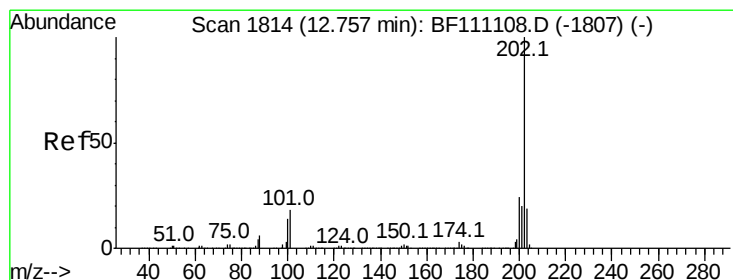
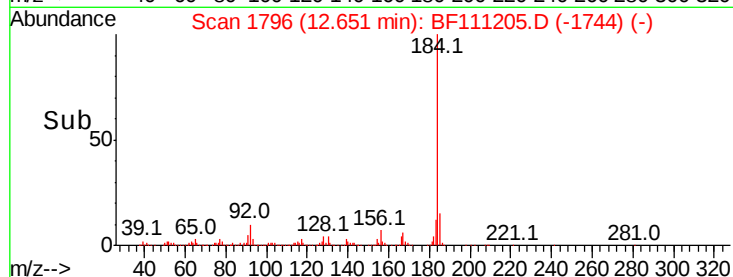
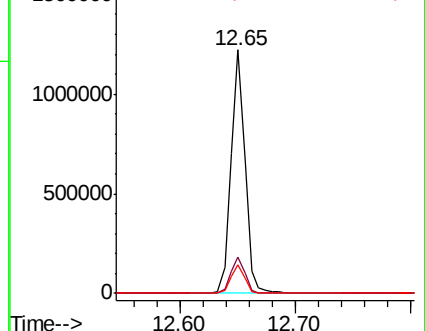
12/11/2018 8:44:51 AM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.037 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

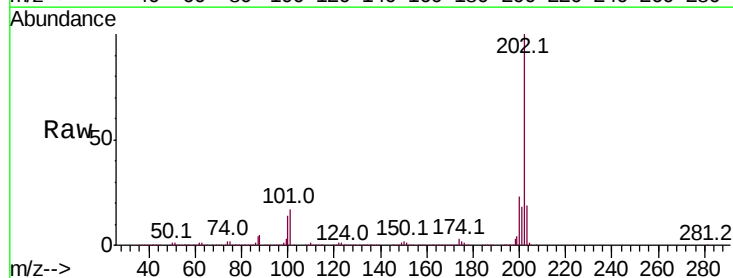
Tgt Ion:202 Resp: 2515788

Ion Ratio Lower Upper

202 100

200 22.8 19.3 28.9

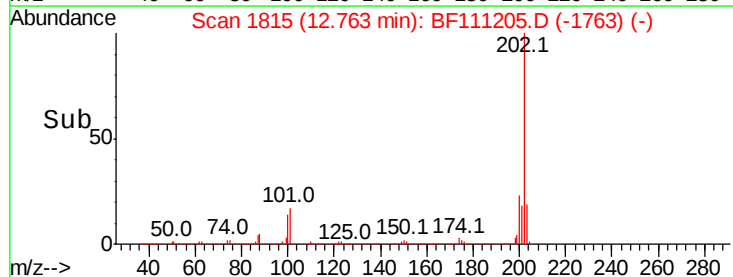
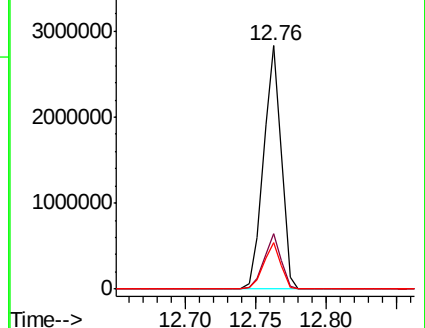
203 18.9 15.4 23.2

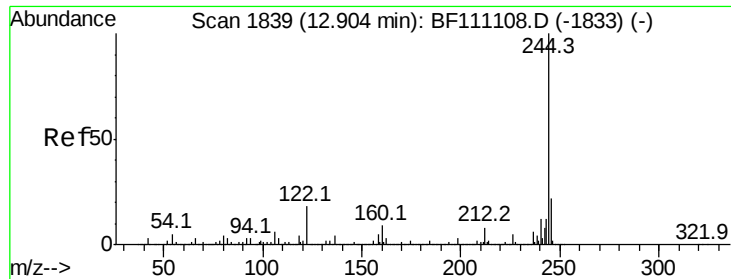


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





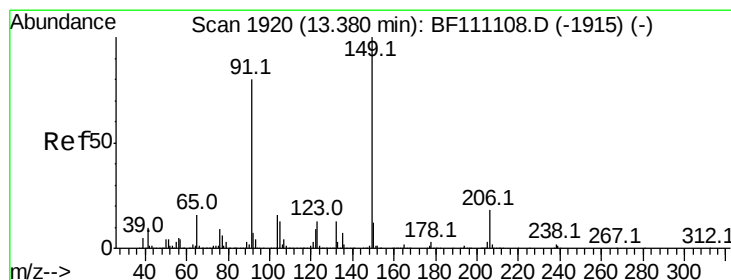
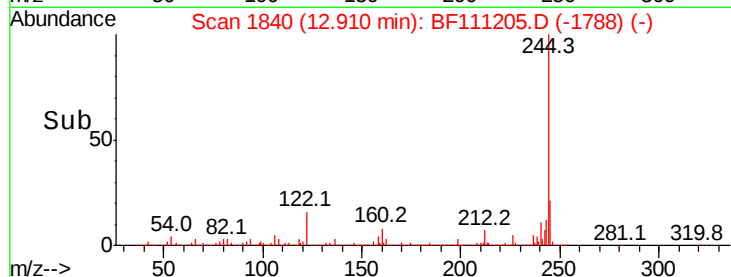
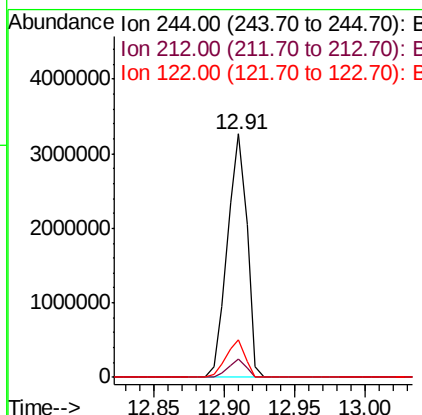
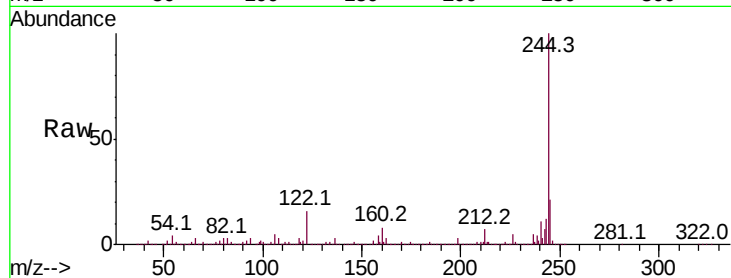
#79
 Terphenyl-d14
 Concen: 74.201 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111205.D
 Acq: 8 Dec 2018 00:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.6	9.8
122	15.6	14.2	21.2

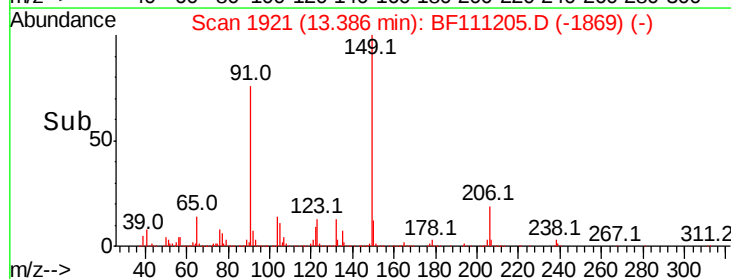
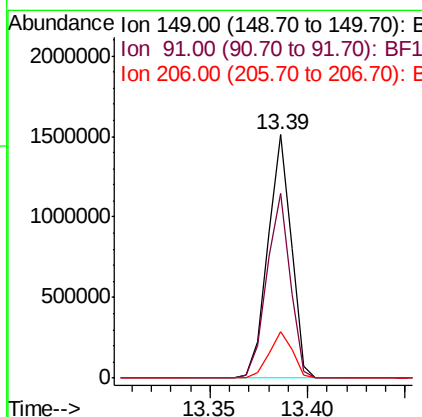
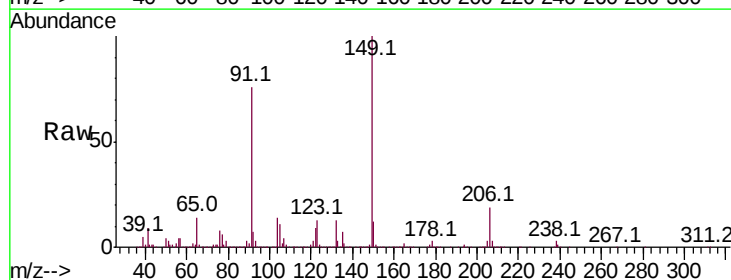
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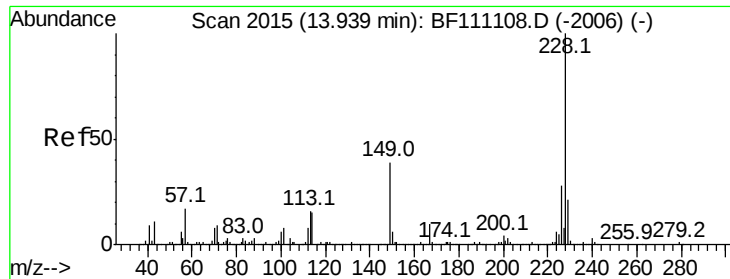
Sohil
 12/11/2018 8:44:51 AM



#80
 Butylbenzylphthalate
 Concen: 38.175 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: BF111205.D
 Acq: 8 Dec 2018 00:06

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.7	64.0	96.0
206	18.9	14.1	21.1





#81

Benzo(a)anthracene

Concen: 38.643 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1974029

Ion Ratio Lower Upper

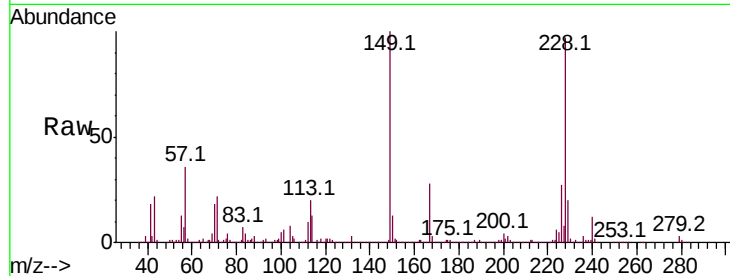
228 100

226 27.7 22.6 34.0

229 20.1 16.7 25.1

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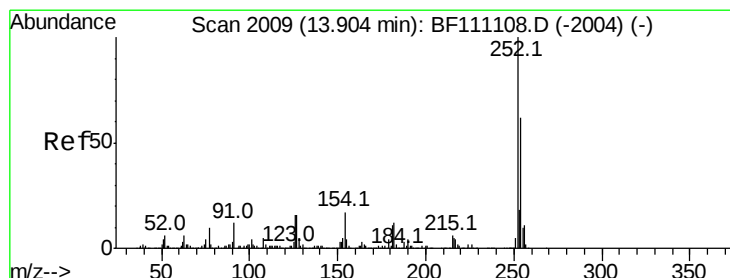
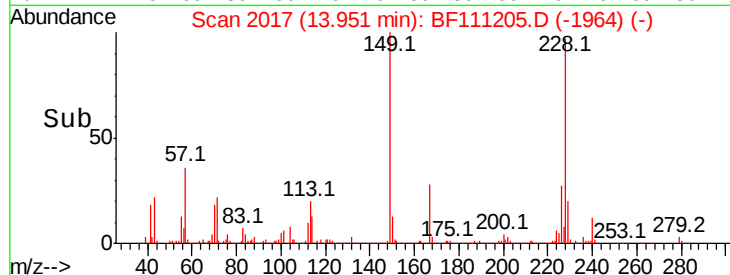
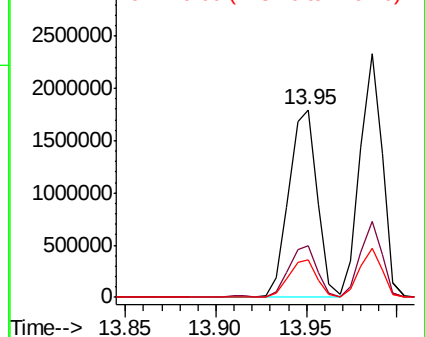


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.887 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

Tgt Ion:252 Resp: 807510

Ion Ratio Lower Upper

252 100

254 63.3 49.8 74.8

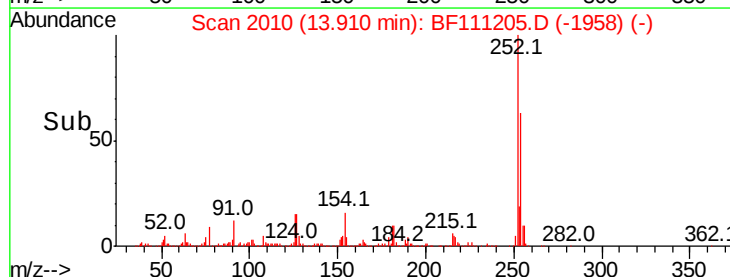
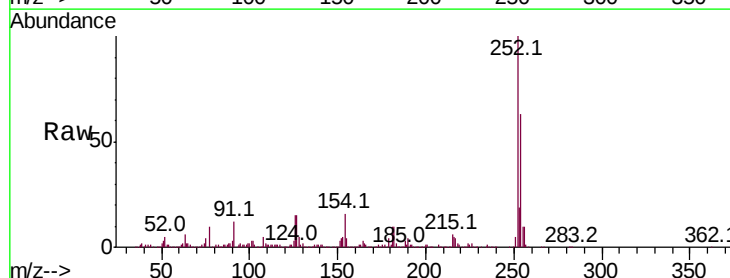
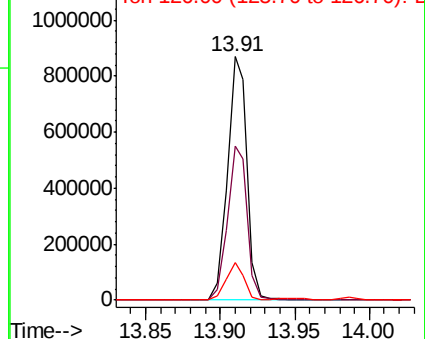
126 15.3 12.9 19.3

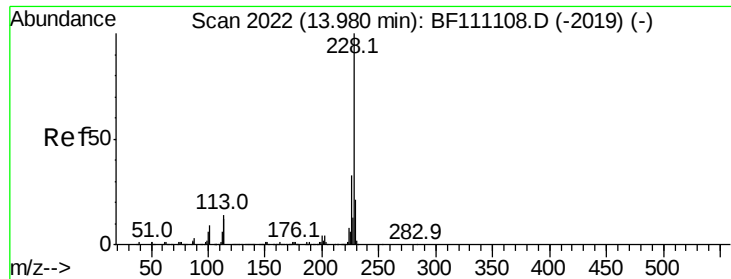
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





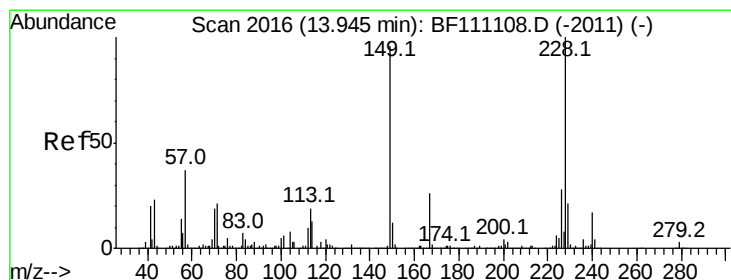
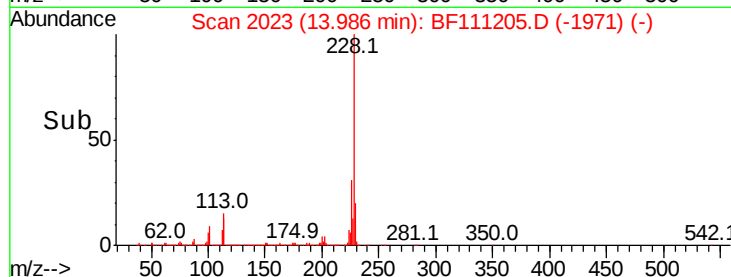
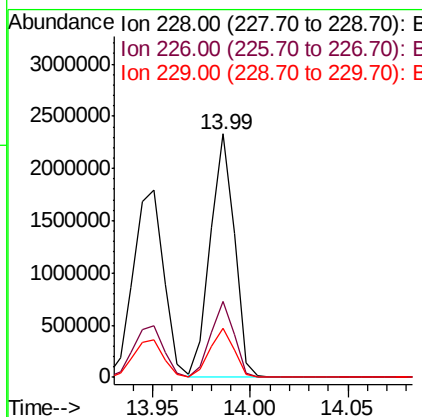
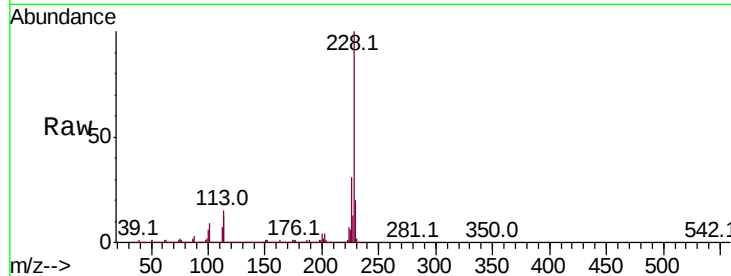
#83
Chrysene
Concen: 39.346 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF111205.D
Acq: 8 Dec 2018 00:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 1995352
Ion Ratio Lower Upper
228 100
226 31.1 26.2 39.2
229 20.3 16.9 25.3

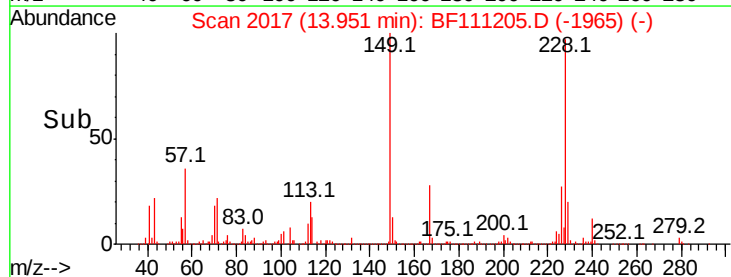
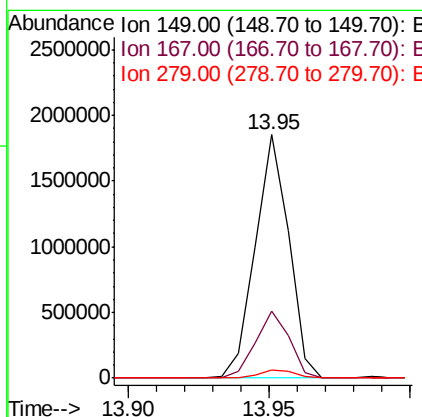
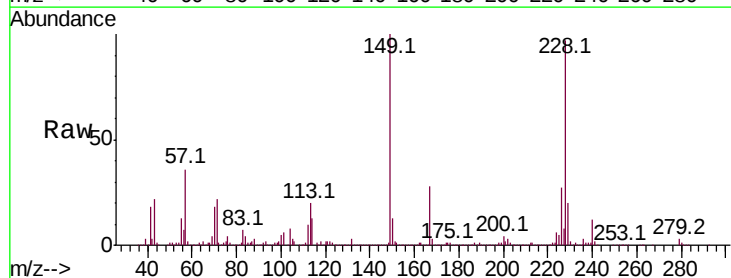
Manual Integrations
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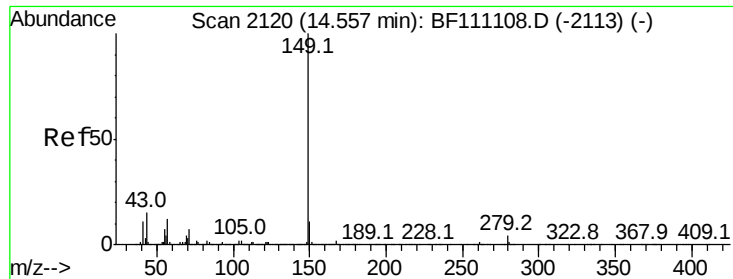
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 38.573 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF111205.D
Acq: 8 Dec 2018 00:06

Tgt Ion:149 Resp: 1528856
Ion Ratio Lower Upper
149 100
167 27.5 21.6 32.4
279 3.2 2.3 3.5





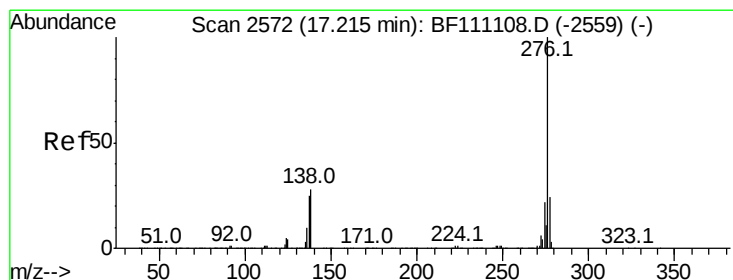
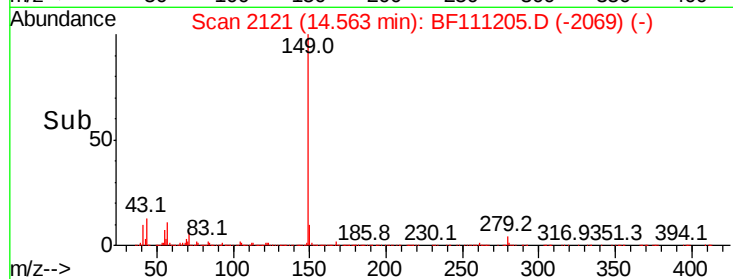
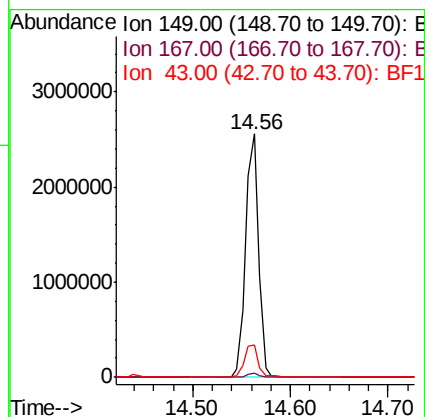
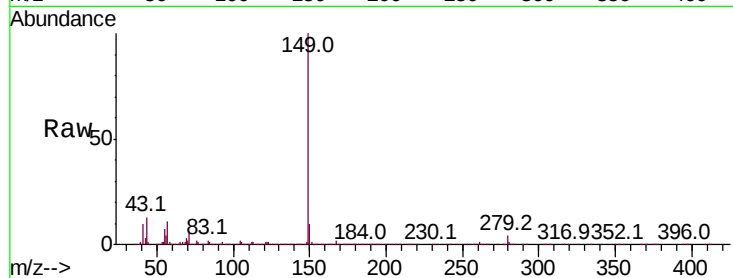
#85
Di-n-octyl phthalate
Concen: 37.703 ng
RT: 14.56 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BF111205.D
Acq: 8 Dec 2018 00:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	14.0	11.9	17.9

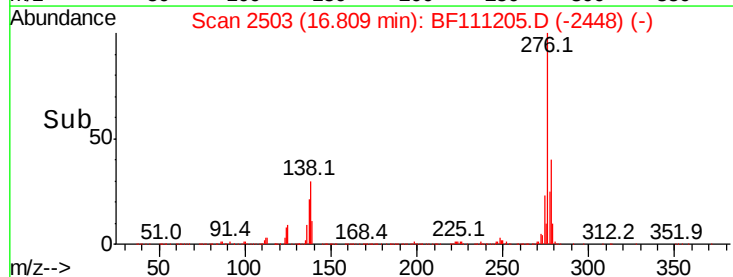
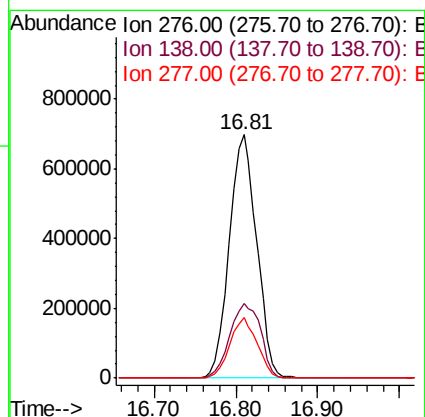
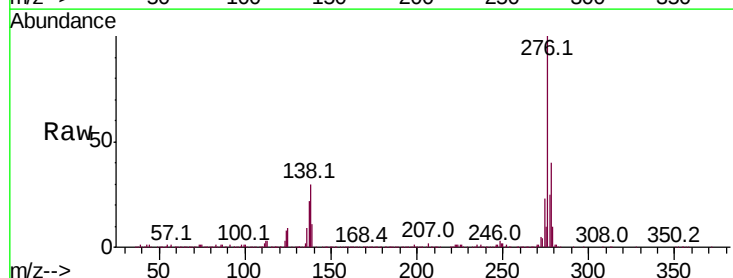
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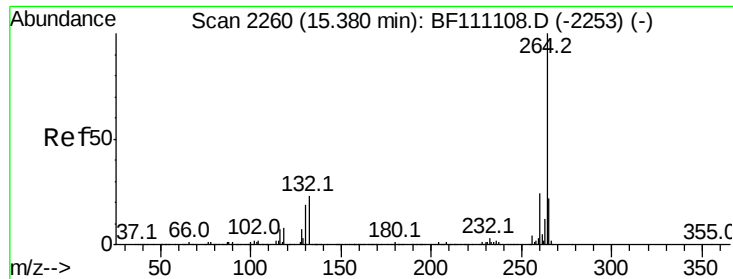
Sohil
12/11/2018 8:44:51 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.959 ng
RT: 16.81 min Scan# 2503
Delta R.T. 0.02 min
Lab File: BF111205.D
Acq: 8 Dec 2018 00:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.5	20.2	30.4#
277	24.7	15.8	23.6#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

Instrument :

BNA_F

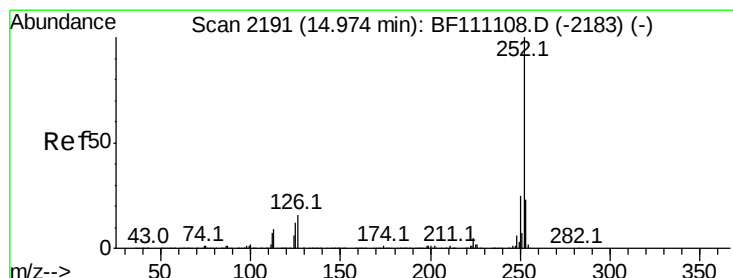
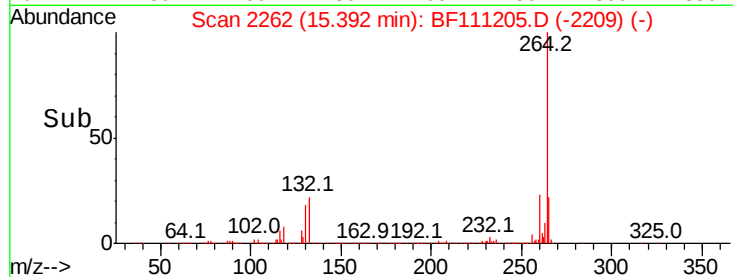
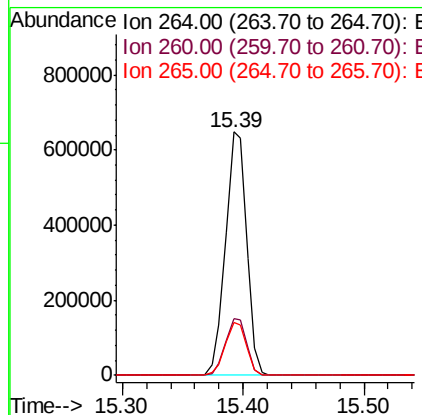
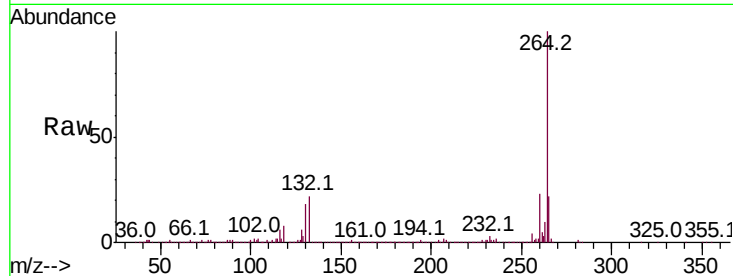
ClientSampleId :

SSTDCCC040

Tot Ion:	264	Resp:	786238
Ion Ratio		Lower	Upper
264	100		
260	23.2	19.4	29.0
265	21.9	17.4	26.0

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 40.160 ng

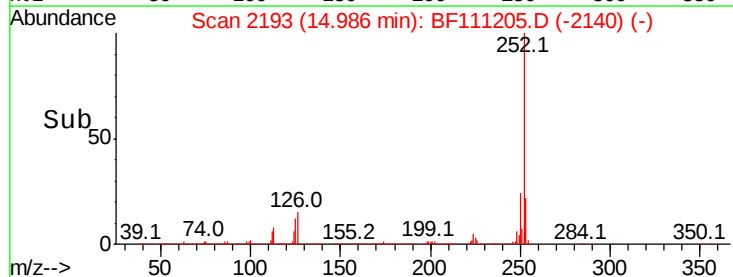
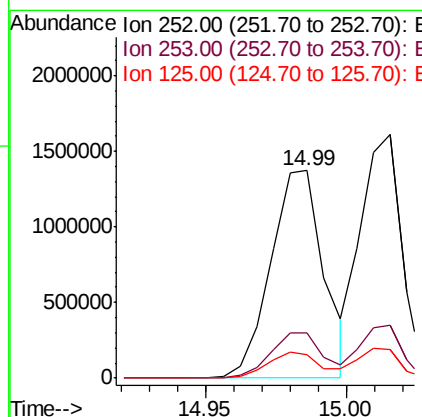
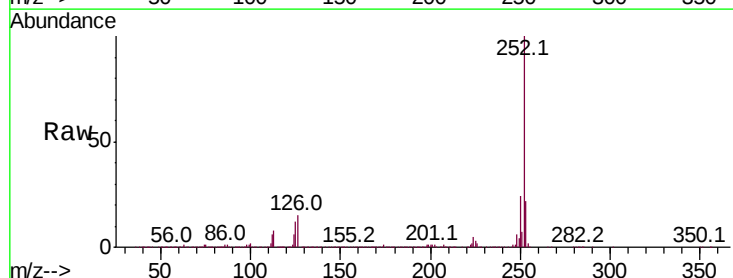
RT: 14.99 min Scan# 2193

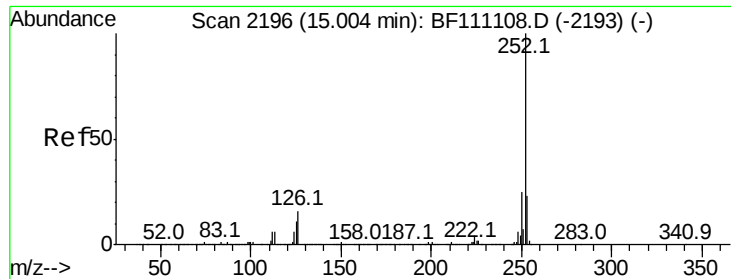
Delta R.T. 0.01 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

Tgt Ion:	252	Resp:	1789182
Ion Ratio		Lower	Upper
252	100		
253	22.0	18.5	27.7
125	11.6	9.9	14.9





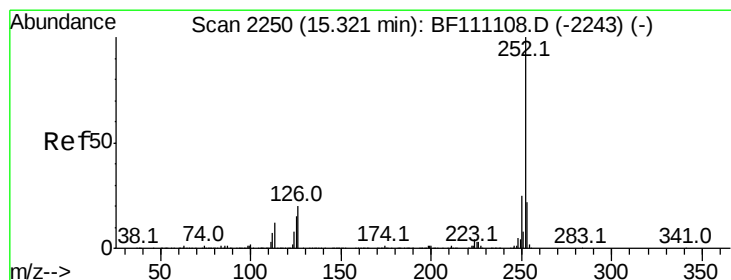
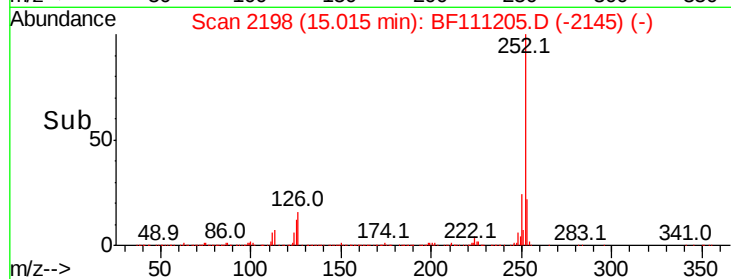
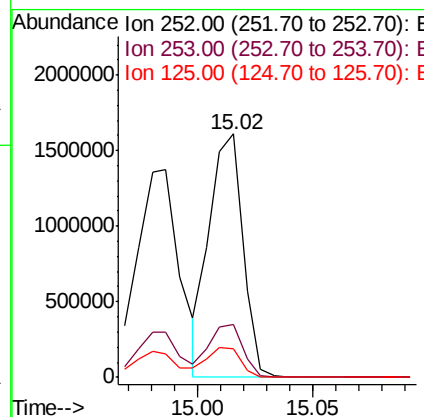
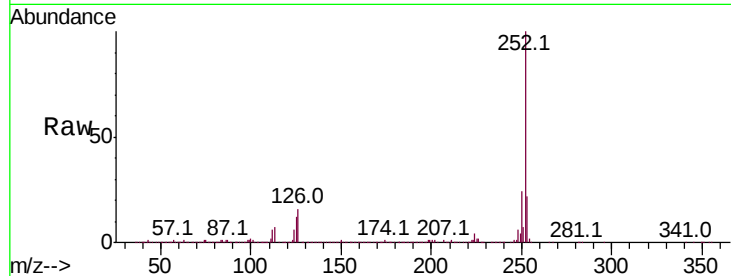
#89
Benzo(k)fluoranthene
Concen: 37.692 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF111205.D
Acq: 8 Dec 2018 00:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	11.7	9.9	14.9

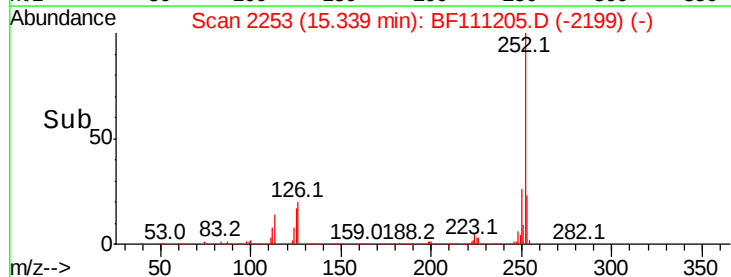
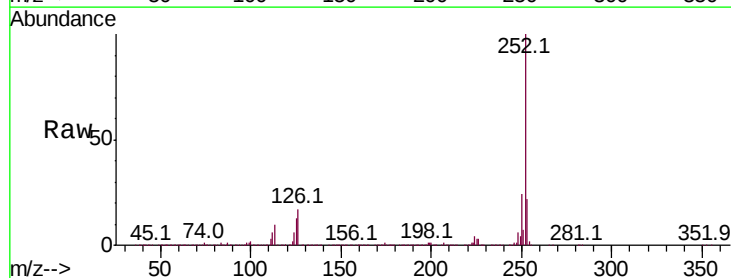
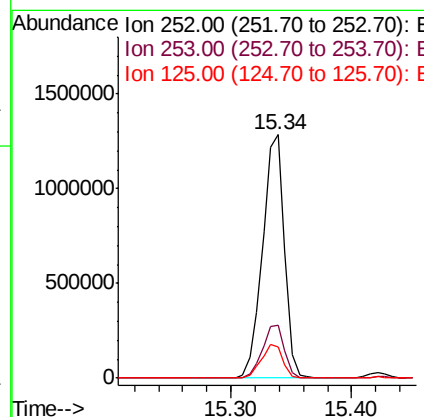
Manual Integrations
APPROVED

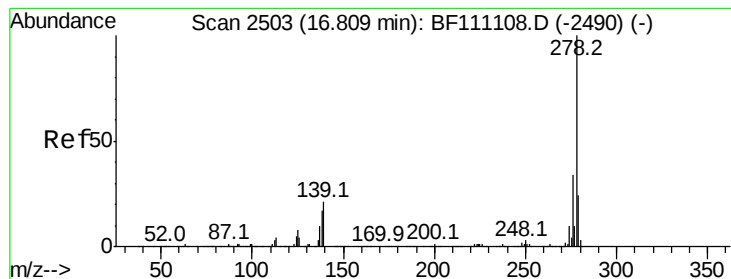
Sohil
12/11/2018 8:44:51 AM



#90
Benzo(a)pyrene
Concen: 39.669 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.02 min
Lab File: BF111205.D
Acq: 8 Dec 2018 00:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	12.7	12.4	18.6





#91

Dibenzo(a,h)anthracene

Concen: 40.678 ng

RT: 16.83 min Scan# 2506

Delta R.T. 0.02 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 1394977

Ion Ratio Lower Upper

278 100

139 22.1 16.6 25.0

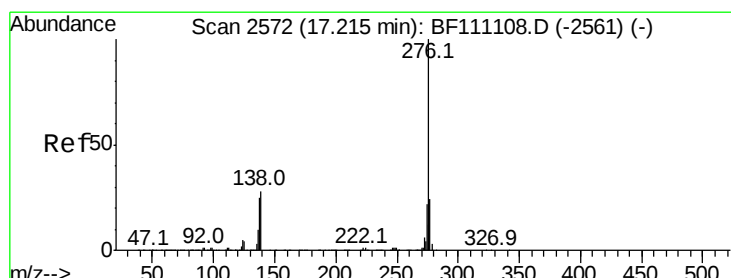
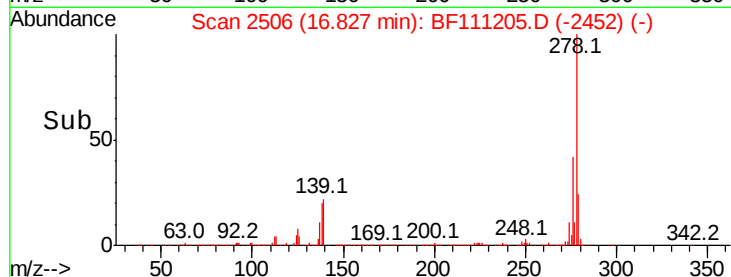
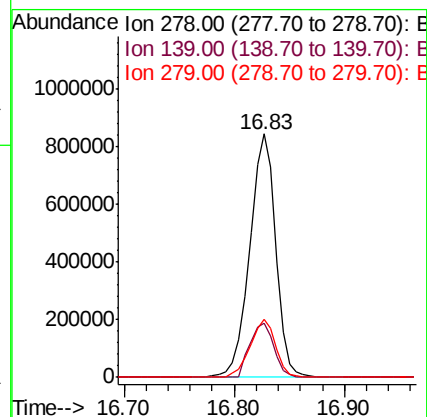
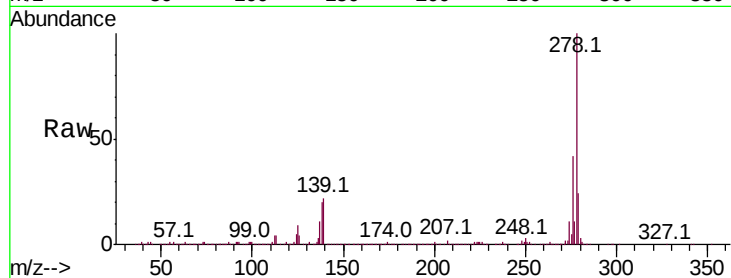
279 23.9 18.8 28.2

Manual Integrations

APPROVED

Sohil

12/11/2018 8:44:51 AM



#92

Benzo(g,h,i)perylene

Concen: 36.479 ng

RT: 17.23 min Scan# 2575

Delta R.T. 0.02 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

Tgt Ion:276 Resp: 1257092

Ion Ratio Lower Upper

276 100

277 23.9 19.3 28.9

138 28.8 22.3 33.5

