

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
 Data File : BF111200.D
 Acq On : 7 Dec 2018 21:22
 Operator : JU/SJ
 Sample : J6214-18MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(13-15)MSD

Manual Integrations
 APPROVED

Sohil
 12/11/2018 8:44:48 AM

Quant Time: Dec 08 02:04:04 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	6.80	152	478265	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1917663	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	696094	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1242692	20.00	ng	0.00
76) Chrysene-d12	13.96	240	760361	20.00	ng	0.01
87) Perylene-d12	15.40	264	801989	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	3720740	121.40	ng	0.01
7) Phenol-d6	6.45	99	4834896	122.46	ng	0.01
23) Nitrobenzene-d5	7.37	82	3121059	96.36	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	795781	143.82	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3451108	93.15	ng	0.00
79) Terphenyl-d14	12.91	244	2899103	78.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	566050	32.108	ng	96
3) Pyridine	3.30	79	1625360	41.570	ng	90
4) n-Nitrosodimethylamine	3.23	42	828294	43.026	ng	84
6) Aniline	6.47	93	844691	16.014	ng	97
8) 2-Chlorophenol	6.59	128	1442002	40.819	ng	94
9) Benzaldehyde	6.35	77	742691	33.432	ng	99
10) Phenol	6.46	94	2037666	47.334	ng	98
11) bis(2-Chloroethyl)ether	6.55	93	1429852	40.639	ng	96
12) 1,3-Dichlorobenzene	6.75	146	1480571	39.408	ng	95
13) 1,4-Dichlorobenzene	6.82	146	1490111	39.412	ng	98
14) 1,2-Dichlorobenzene	6.98	146	1397186	39.726	ng	100
15) Benzyl Alcohol	6.95	79	1303450	41.667	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	2704426	39.514	ng	98
17) 2-Methylphenol	7.06	107	1250321	43.116	ng	98
18) Hexachloroethane	7.32	117	565604	39.878	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	1060703	39.978	ng	93
20) 3+4-Methylphenols	7.21	107	1449889	40.994	ng	96
22) Acetophenone	7.22	105	1896975	40.934	ng	95
24) Nitrobenzene	7.39	77	1554714	44.615	ng	98
25) Isophorone	7.63	82	2833372	47.664	ng	100
26) 2-Nitrophenol	7.70	139	778808	52.894	ng	90
27) 2,4-Dimethylphenol	7.75	122	1330833	47.993	ng	98
28) bis(2-Chloroethoxy)methane	7.84	93	1832365	45.533	ng	98
29) 2,4-Dichlorophenol	7.95	162	1204746	44.131	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	1155897	41.949	ng	98
31) Naphthalene	8.11	128	3869424	46.344	ng	99
32) Benzoic acid	7.80	122	159588	8.727	ng	98
33) 4-Chloroaniline	8.15	127	230162	5.703	ng	96
34) Hexachlorobutadiene	8.23	225	602295	40.222	ng	98
35) Caprolactam	8.52	113	440492m	43.947	ng	
36) 4-Chloro-3-methylphenol	8.64	107	1061003	35.482	ng	99
37) 2-Methylnaphthalene	8.80	142	2061616	35.797	ng	98
38) 1-Methylnaphthalene	8.90	142	1959239	35.384	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	749627	40.406	ng	99

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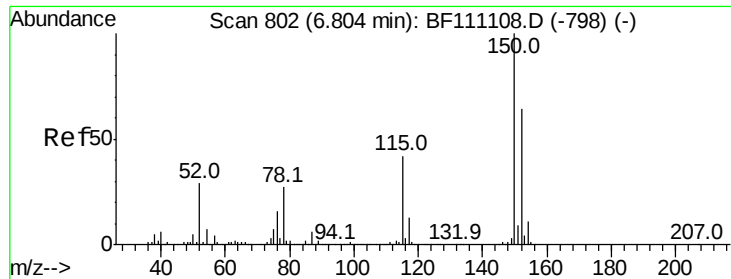
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	813975	83.208	nq	98
43) 2,4,6-Trichlorophenol	9.08	196	606554	44.765	nq	100
44) 2,4,5-Trichlorophenol	9.12	196	641414	46.697	nq	99
46) 1,1'-Biphenyl	9.27	154	2329893	40.887	nq	97
47) 2-Chloronaphthalene	9.29	162	1876154	42.370	nq	96
48) 2-Nitroaniline	9.38	65	660932	46.058	nq	94
49) Acenaphthylene	9.70	152	2947848	47.627	nq	99
50) Dimethylphthalate	9.57	163	2638501	54.463	nq	99
51) 2,6-Dinitrotoluene	9.62	165	511835	49.832	nq	90
52) Acenaphthene	9.88	154	1871585	45.771	nq	99
53) 3-Nitroaniline	9.79	138	228354	17.699	nq	91
54) 2,4-Dinitrophenol	9.89	184	309380	93.821	nq	# 74
55) Dibenzofuran	10.05	168	2591662	46.016	nq	95
56) 4-Nitrophenol	9.95	139	857024	88.151	nq	96
57) 2,4-Dinitrotoluene	10.03	165	680152	51.273	nq	97
58) Fluorene	10.39	166	1929853	48.591	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	514465m	50.184	nq	
60) Diethylphthalate	10.27	149	2160152	44.618	nq	98
61) 4-Chlorophenyl-phenylether	10.39	204	870564	44.479	nq	92
62) 4-Nitroaniline	10.40	138	497427	42.718	nq	95
63) Azobenzene	10.55	77	2195156	42.588	nq	96
65) 4,6-Dinitro-2-methylphenol	10.43	198	263866	51.396	nq	91
66) n-Nitrosodiphenylamine	10.50	169	1794848	41.248	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	549470	41.770	nq	90
68) Hexachlorobenzene	10.94	284	576932	42.892	nq	95
69) Atrazine	11.03	200	579730	Below Cal		96
70) Pentachlorophenol	11.13	266	669500	75.688	nq	99
71) Phenanthrene	11.35	178	2816031	47.110	nq	100
72) Anthracene	11.40	178	2827816	46.932	nq	98
73) Carbazole	11.55	167	2619457	41.780	nq	98
74) Di-n-butylphthalate	11.89	149	3242691	44.184	nq	99
75) Fluoranthene	12.53	202	2687368	45.944	nq	98
77) Benzidine	12.65	184	559353	19.338	nq	95
78) Pyrene	12.76	202	2619078	44.213	nq	99
80) Butylbenzylphthalate	13.39	149	1501872	52.482	nq	99
81) Benzo(a)anthracene	13.95	228	1964921	44.106	nq	99
82) 3,3'-Dichlorobenzidine	13.91	252	229237	13.635	nq	97
83) Chrysene	13.99	228	2039315	46.111	nq	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	1673546	48.416	nq	99
85) Di-n-octyl phthalate	14.56	149	2484894	45.729	nq	97
86) Indeno(1,2,3-cd)pyrene	16.82	276	2189364	61.656	nq	# 88
88) Benzo(b)fluoranthene	14.99	252	1991050	43.813	nq	98
89) Benzo(k)fluoranthene	15.02	252	1818770	41.399	nq	99
90) Benzo(a)pyrene	15.34	252	1918673	46.030	nq	97
91) Dibenzo(a,h)anthracene	16.83	278	1807340	51.668	nq	99
92) Benzo(g,h,i)perylene	17.24	276	2240296	63.733	nq	98

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



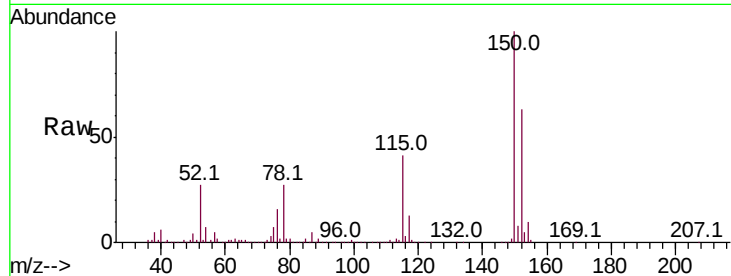
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF111200.D
 Acq: 7 Dec 2018 21:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(13-15)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.6	187.0
115	64.9	52.2	78.2

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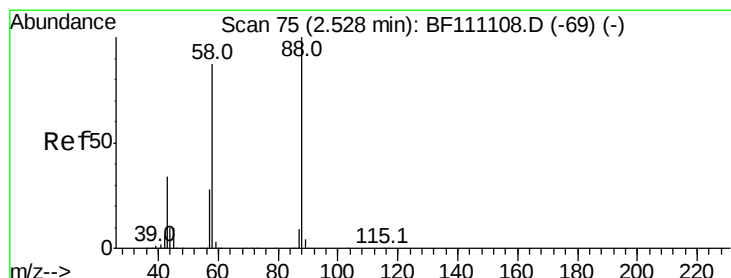
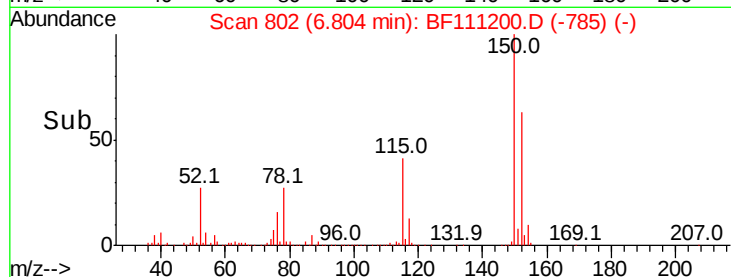
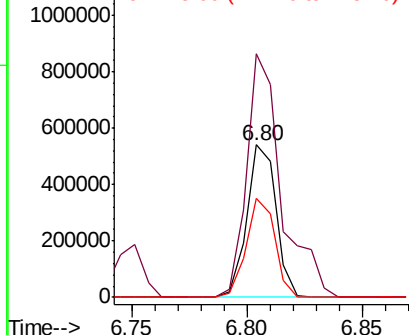


Abundance

Ion 152.00 (151.70 to 152.70): E

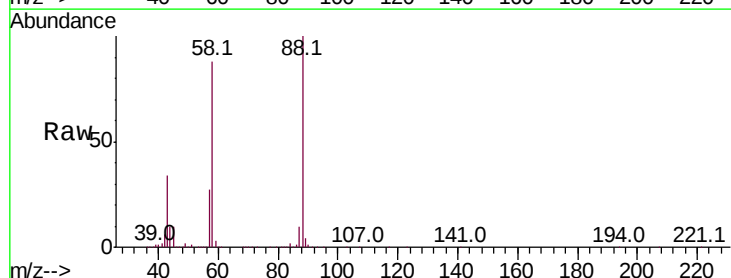
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 32.108 ng
 RT: 2.56 min Scan# 81
 Delta R.T. 0.04 min
 Lab File: BF111200.D
 Acq: 7 Dec 2018 21:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.7	70.8	106.2
43	32.1	28.3	42.5

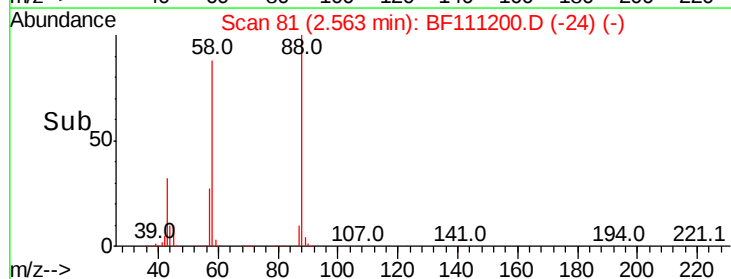
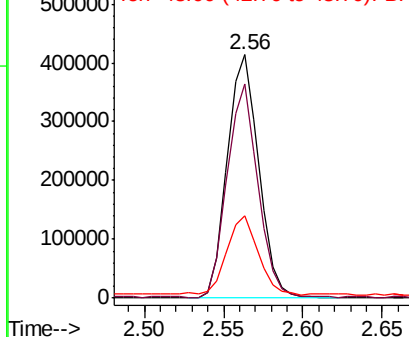


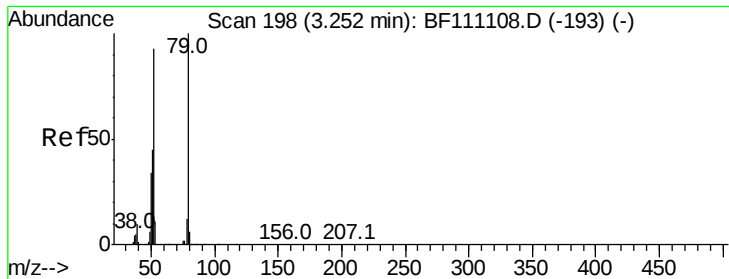
Abundance

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: 41.570 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.05 min

Lab File: BF111200.D

Acq: 7 Dec 2018 21:22

Instrument :

BNA_F

ClientSampleId :

SB-10(13-15)MSD

Tot Ion: 79 Resp: 1625360

Ion Ratio Lower Upper

79 100

52 82.5 74.7 112.1

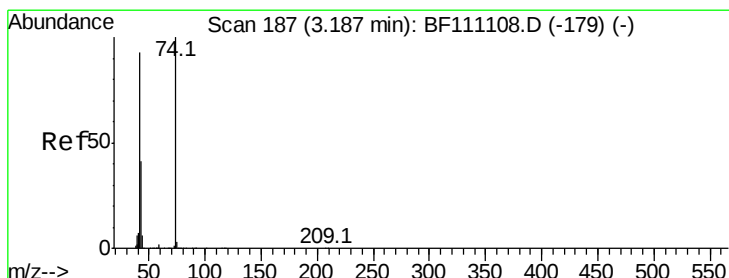
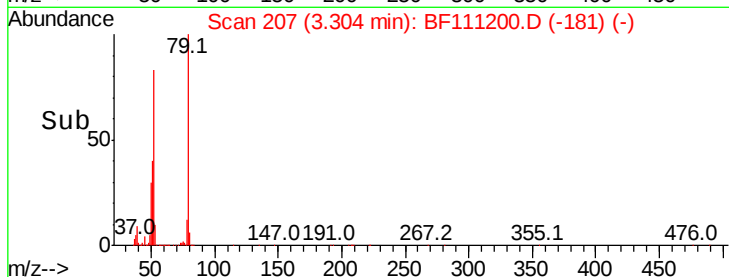
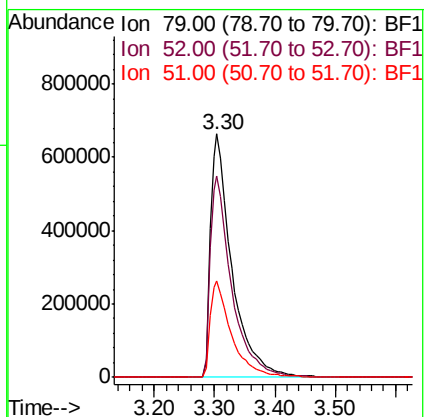
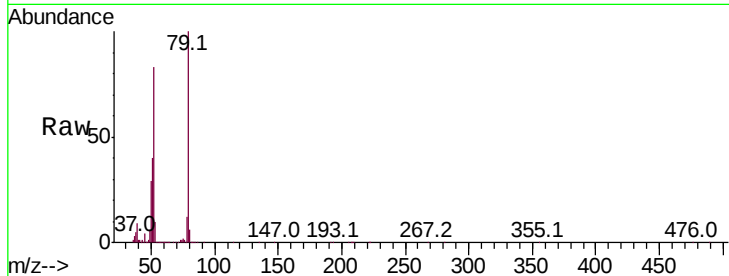
51 39.6 35.9 53.9

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#4

n-Nitrosodimethylamine

Concen: 43.026 ng

RT: 3.23 min Scan# 194

Delta R.T. 0.04 min

Lab File: BF111200.D

Acq: 7 Dec 2018 21:22

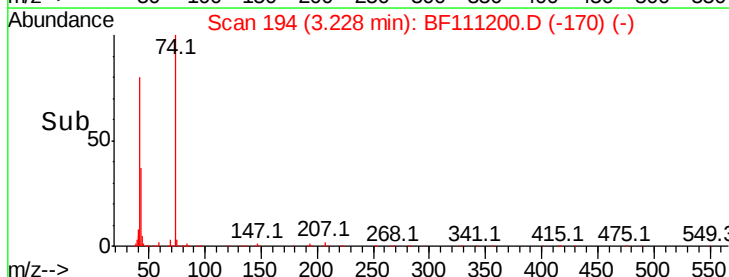
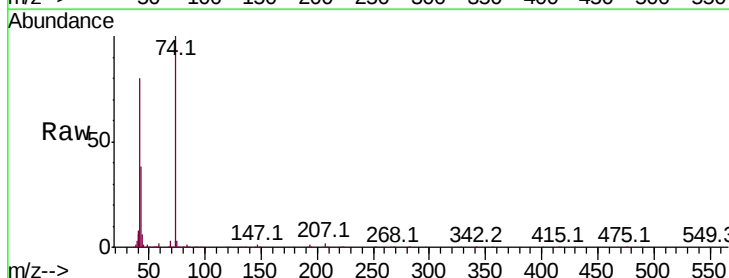
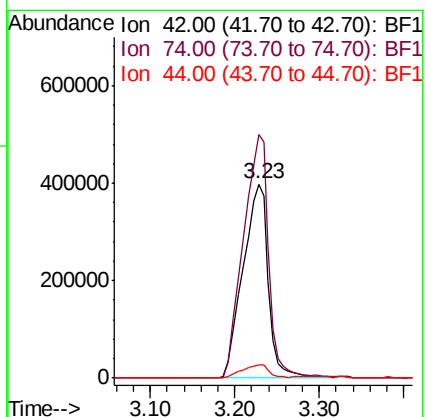
Tgt Ion: 42 Resp: 828294

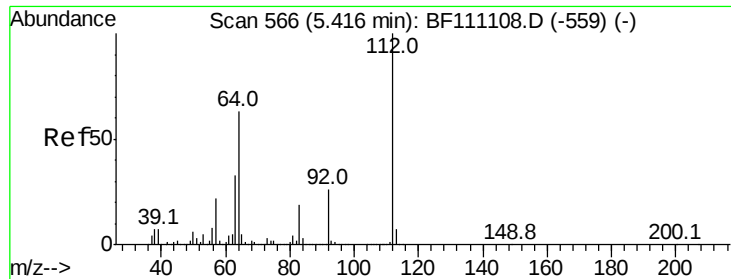
Ion Ratio Lower Upper

42 100

74 125.5 86.2 129.2

44 7.0 5.7 8.5





#5

2-Fluorophenol

Concen: 121.398 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF111200.D

Acq: 7 Dec 2018 21:22

Instrument :

BNA_F

ClientSampleId :

SB-10(13-15)MSD

Tot Ion:112 Resp: 3720740

Ion Ratio Lower Upper

112 100

64 65.3 50.2 75.4

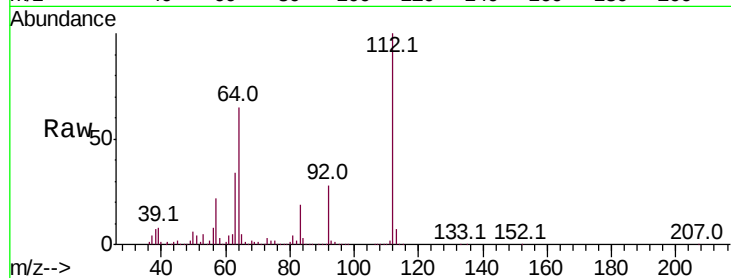
63 34.5 26.6 39.8

Manual Integrations

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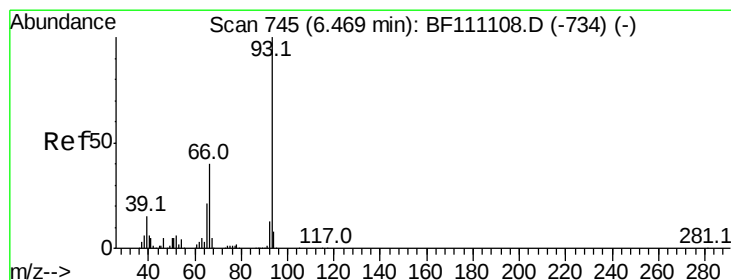
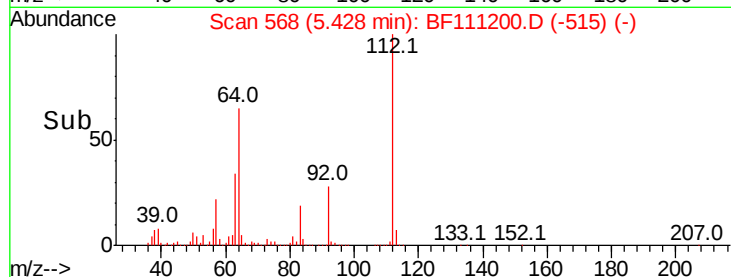
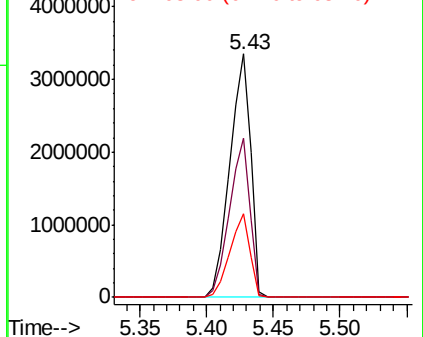
12/11/2018 8:44:48 AM



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 16.014 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF111200.D

Acq: 7 Dec 2018 21:22

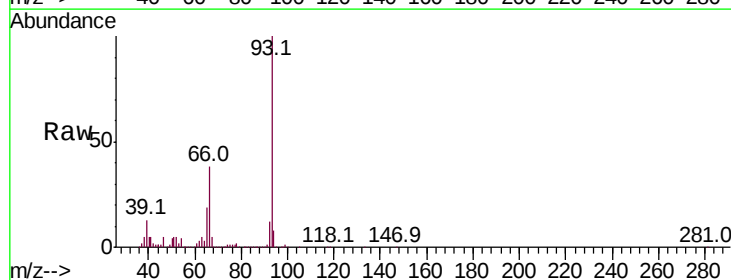
Tgt Ion: 93 Resp: 844691

Ion Ratio Lower Upper

93 100

66 38.3 31.8 47.8

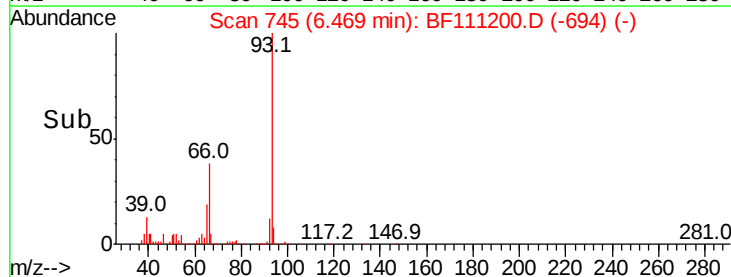
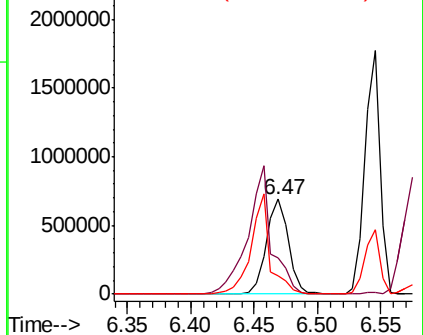
65 19.4 16.6 24.8

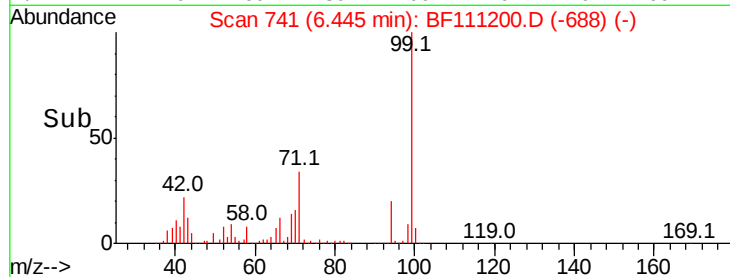
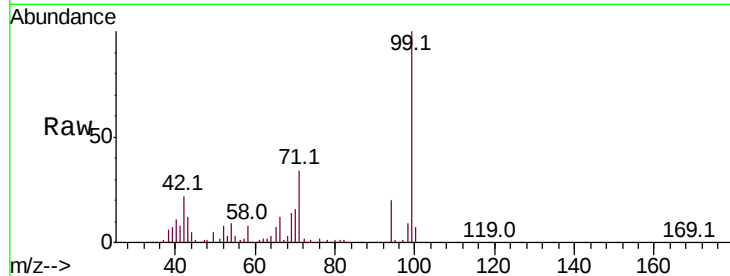
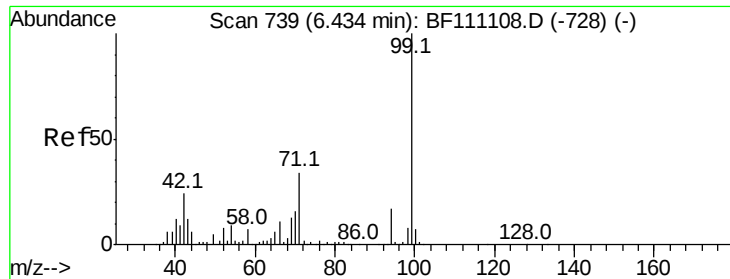


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 122.460 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF111200.D

Acq: 7 Dec 2018 21:22

Tot Ion: 99 Resp: 4834896

Ion Ratio Lower Upper

99 100

42 22.3 19.3 28.9

71 33.6 27.4 41.2

Instrument :

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ClientSampleId :

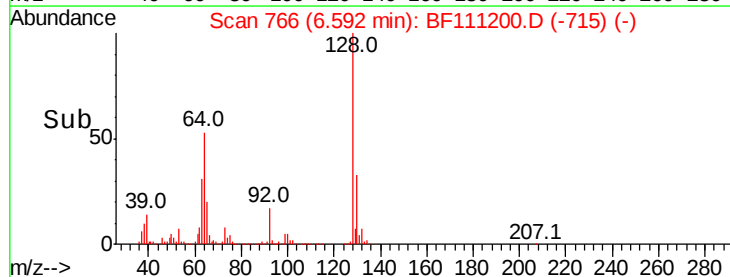
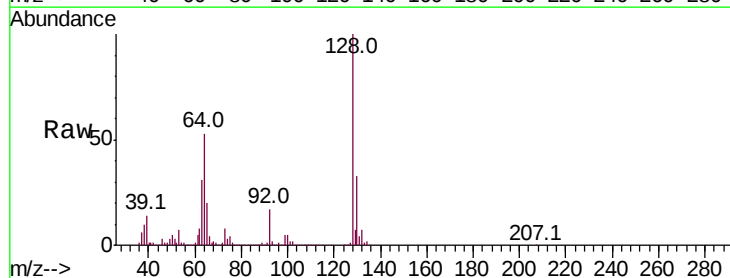
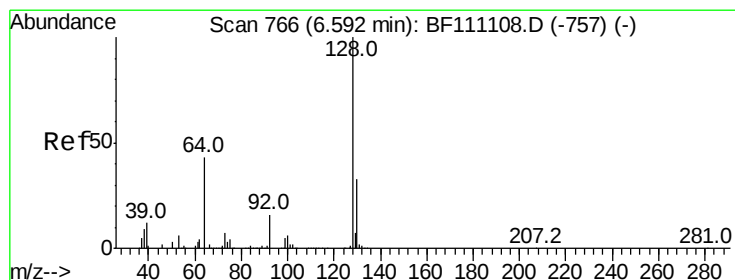
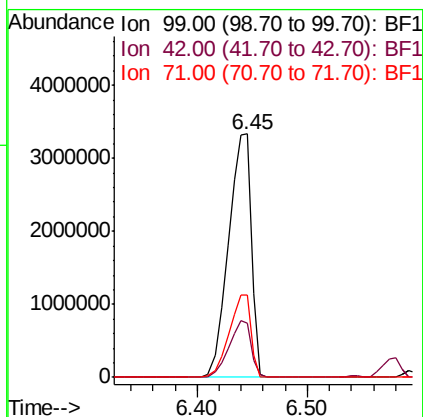
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#8

2-Chlorophenol

Concen: 40.819 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF111200.D

Acq: 7 Dec 2018 21:22

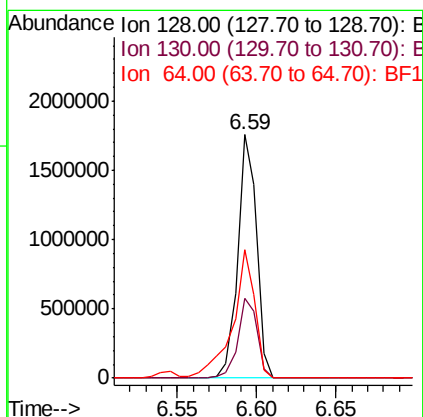
Tgt Ion:128 Resp: 1442002

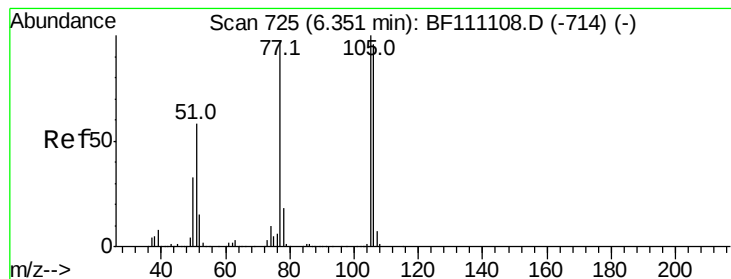
Ion Ratio Lower Upper

128 100

130 32.6 12.8 52.8

64 53.0 26.6 66.6





#9

Benzaldehyde

Concen: 33.432 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF111200.D

Acq: 7 Dec 2018 21:22

Instrument :

BNA_F

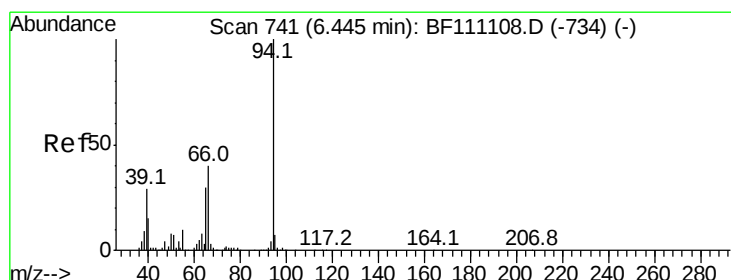
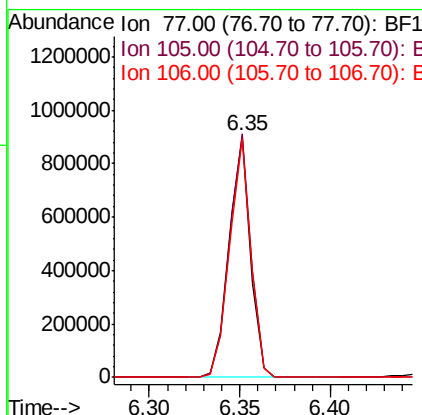
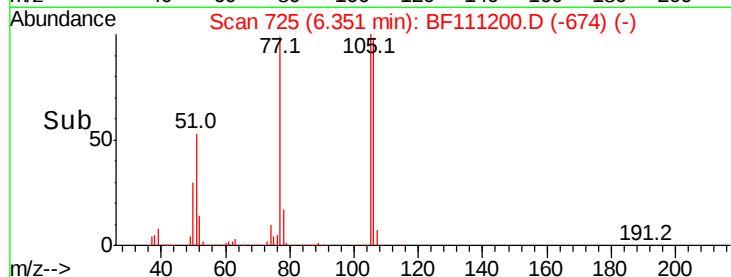
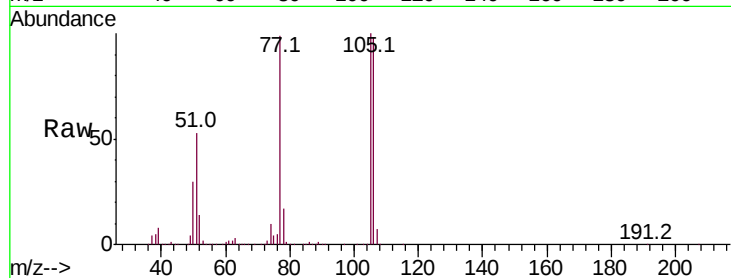
ClientSampleId :

SB-10(13-15)MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.9	83.1	123.1
106	98.7	79.0	119.0

Manual Integrations
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#10

Phenol

Concen: 47.334 ng

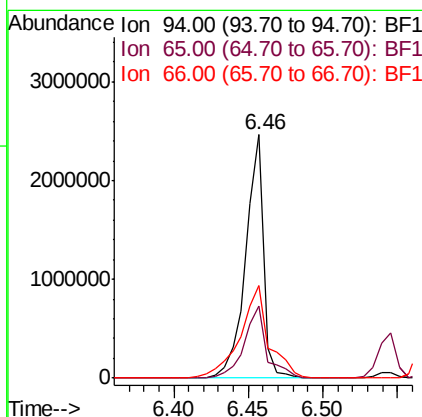
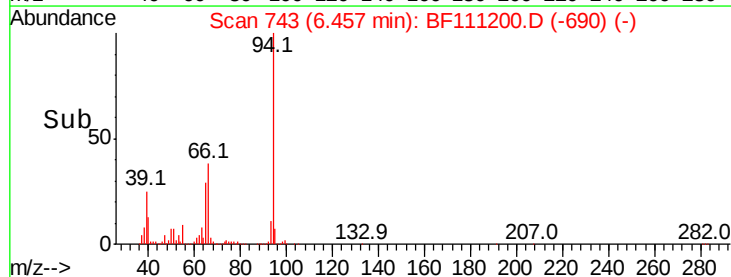
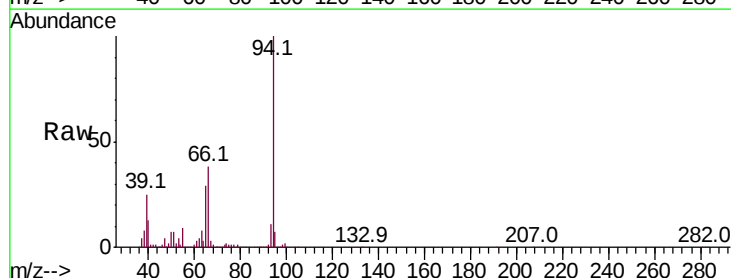
RT: 6.46 min Scan# 743

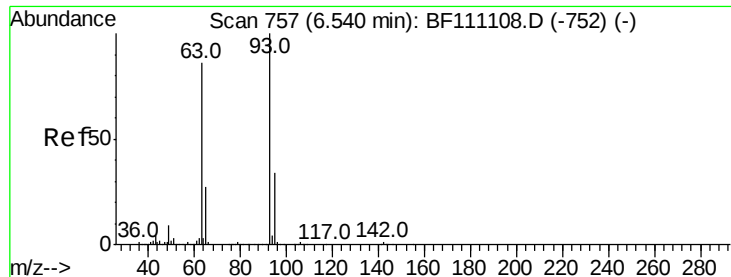
Delta R.T. 0.01 min

Lab File: BF111200.D

Acq: 7 Dec 2018 21:22

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.5	10.5	50.5
66	38.0	19.8	59.8





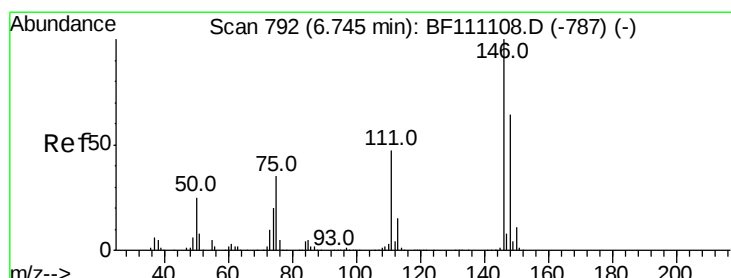
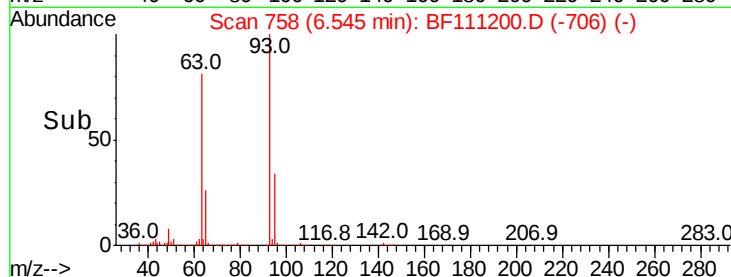
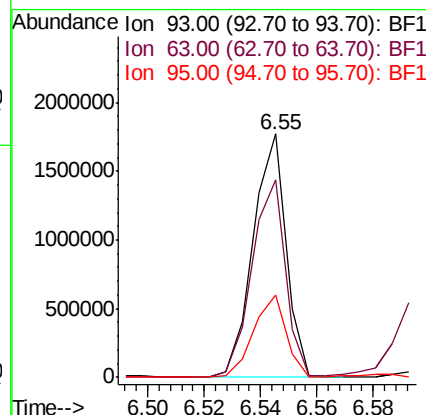
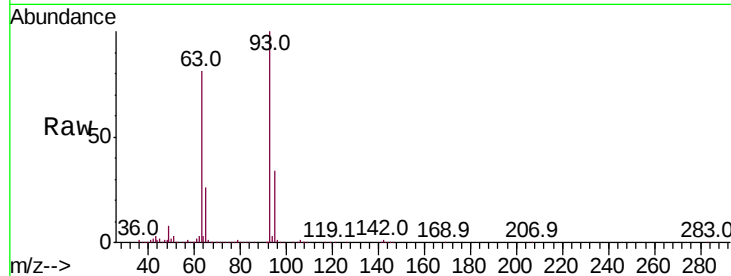
#11
bis(2-Chloroethyl)ether
Concen: 40.639 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF111200.D
Acq: 7 Dec 2018 21:22

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MSD

Tot Ion: 93 Resp: 1429852
Ion Ratio Lower Upper
93 100
63 81.4 66.0 106.0
95 34.1 14.3 54.3

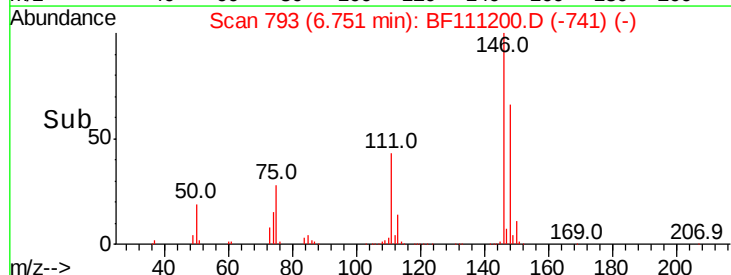
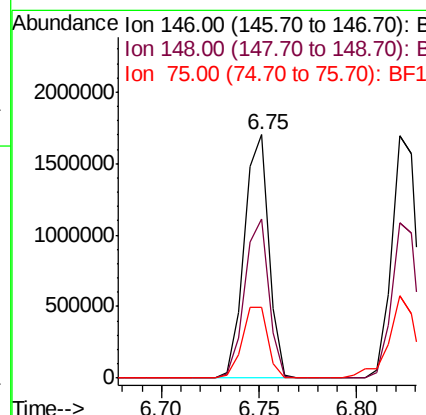
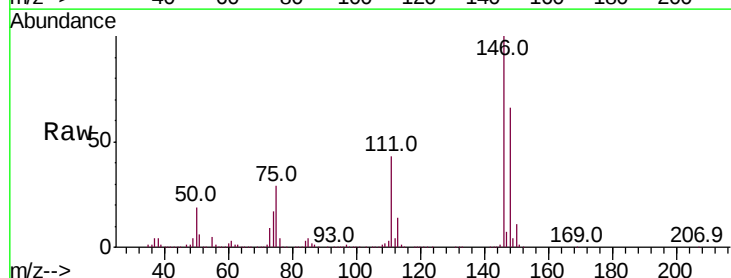
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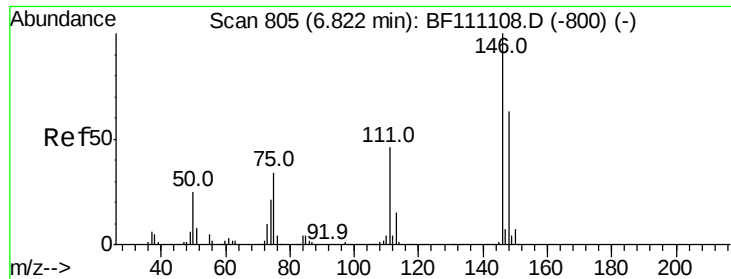
Sohil
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#12
1,3-Dichlorobenzene
Concen: 39.408 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF111200.D
Acq: 7 Dec 2018 21:22

Tgt Ion: 146 Resp: 1480571
Ion Ratio Lower Upper
146 100
148 65.6 51.3 76.9
75 28.8 27.7 41.5





#13

1,4-Dichlorobenzene

Concen: 39.412 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF111200.D

Acq: 7 Dec 2018 21:22

Instrument :

BNA_F

ClientSampleId :

SB-10(13-15)MSD

Tot Ion:146 Resp: 1490111

Ion Ratio Lower Upper

146 100

148 64.1 50.3 75.5

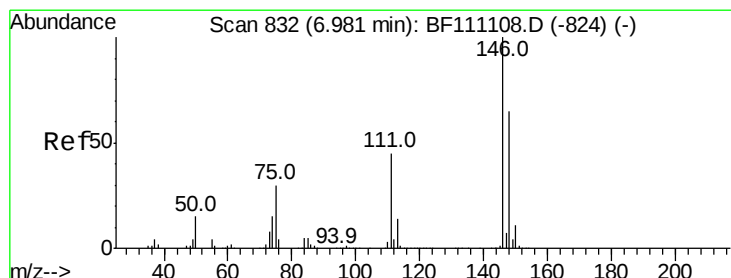
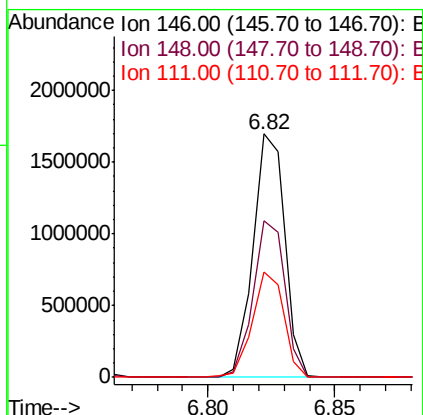
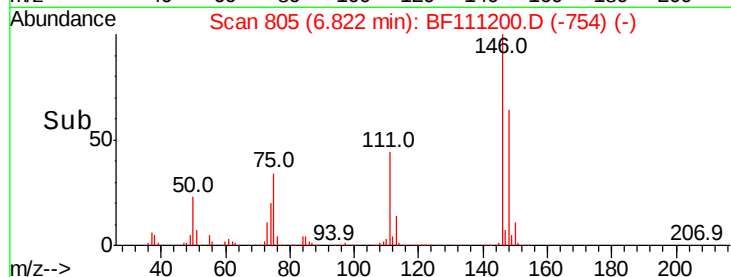
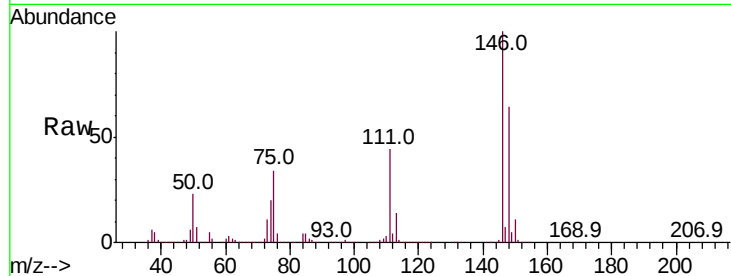
111 43.5 36.6 55.0

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#14

1,2-Dichlorobenzene

Concen: 39.726 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF111200.D

Acq: 7 Dec 2018 21:22

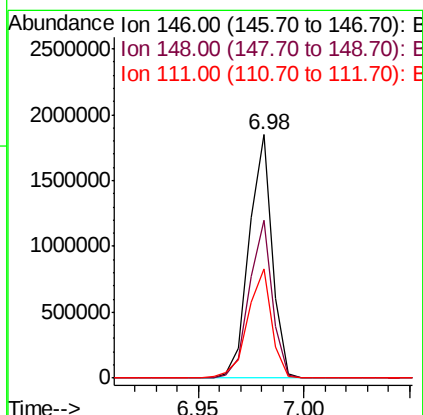
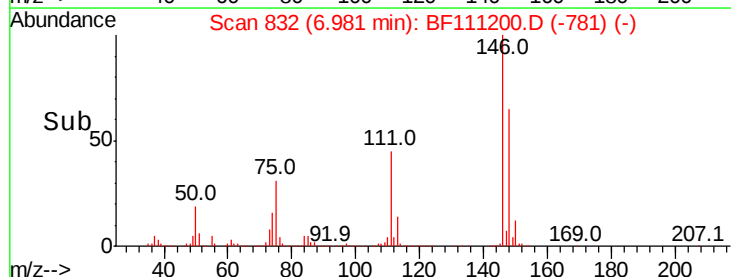
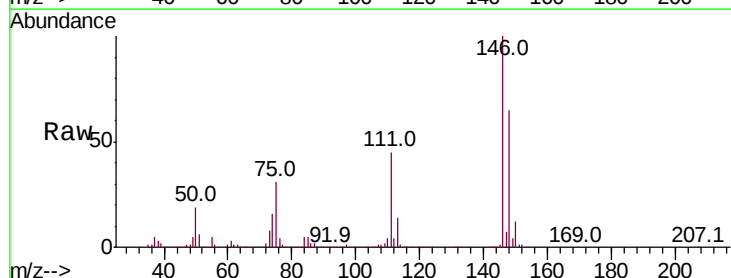
Tgt Ion:146 Resp: 1397186

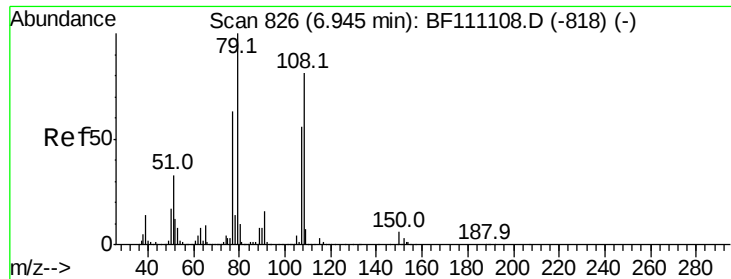
Ion Ratio Lower Upper

146 100

148 64.6 51.8 77.6

111 44.7 35.7 53.5





#15

Benzyl Alcohol

Concen: 41.667 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF111200.D

Acq: 7 Dec 2018 21:22

Instrument :

BNA_F

ClientSampleId :

SB-10(13-15)MSD

Tot Ion: 79 Resp: 1303450

Ion Ratio Lower Upper

79 100

108 82.1 64.5 96.7

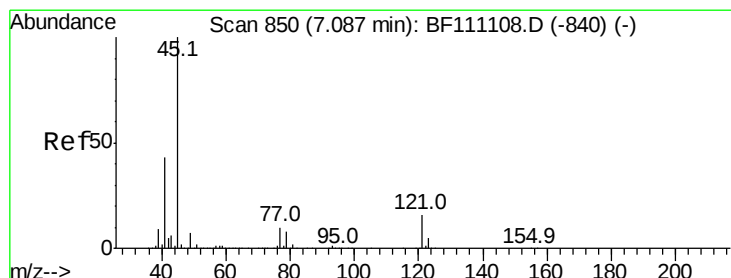
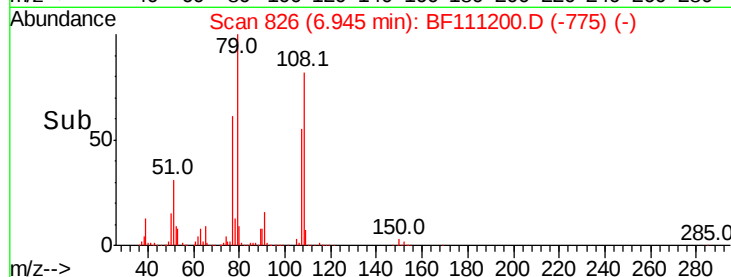
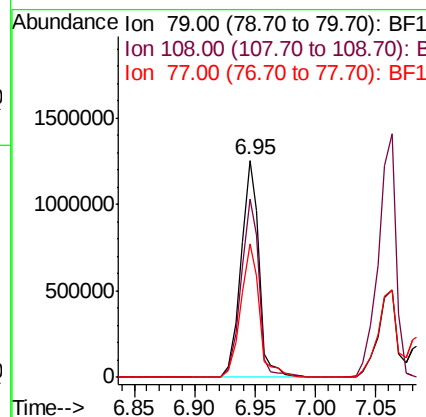
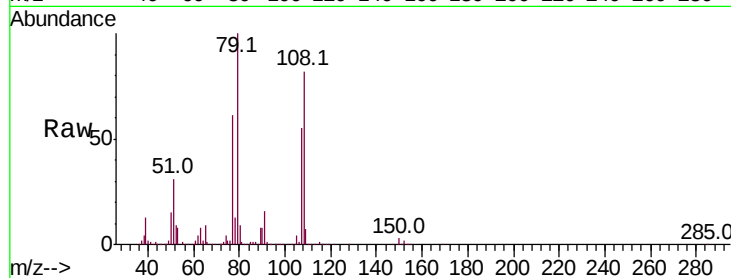
77 61.3 50.5 75.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.514 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF111200.D

Acq: 7 Dec 2018 21:22

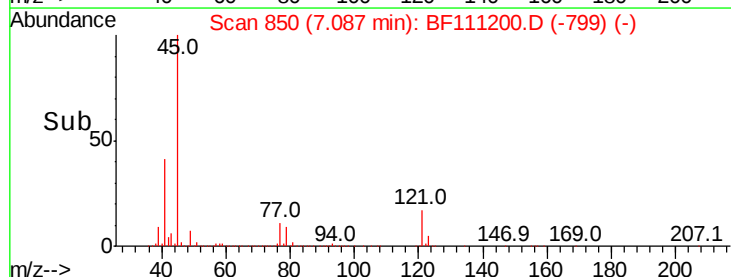
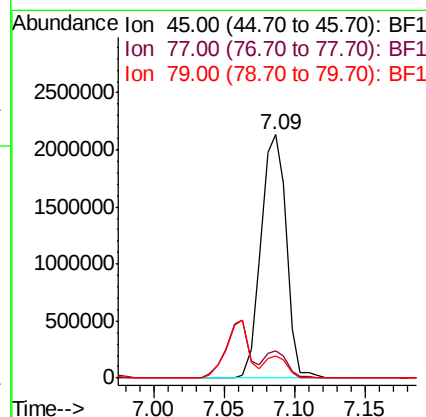
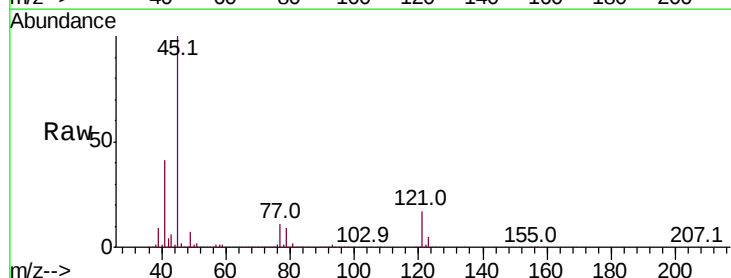
Tgt Ion: 45 Resp: 2704426

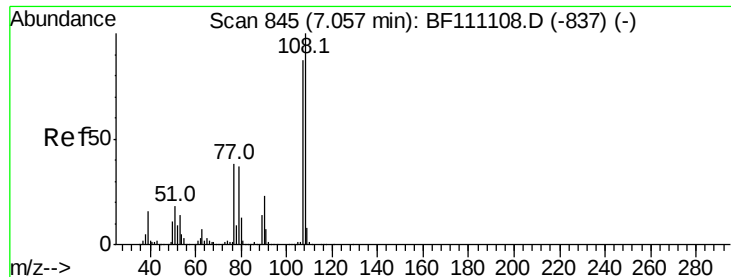
Ion Ratio Lower Upper

45 100

77 11.3 0.0 30.6

79 8.9 0.0 28.4





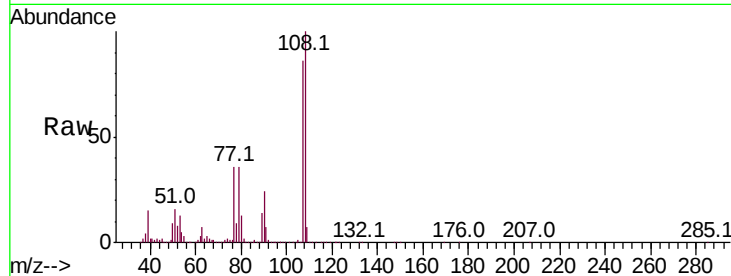
#17
2-Methylphenol
Concen: 43.116 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF111200.D
Acq: 7 Dec 2018 21:22

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.8	91.8	137.8
77	41.4	34.7	52.1
79	41.4	34.2	51.2

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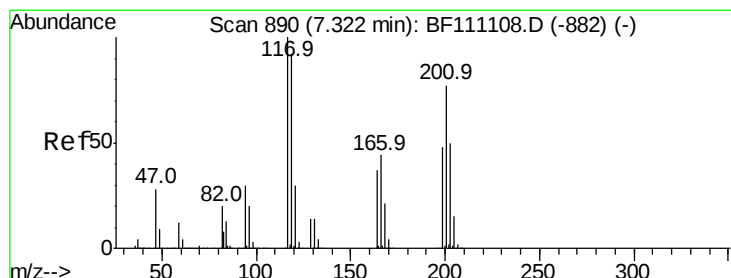
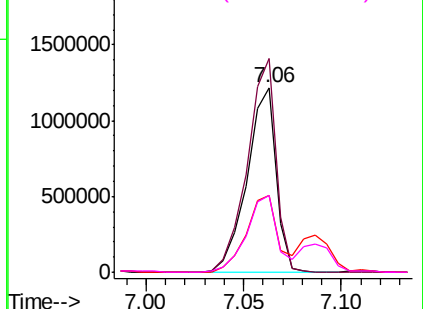
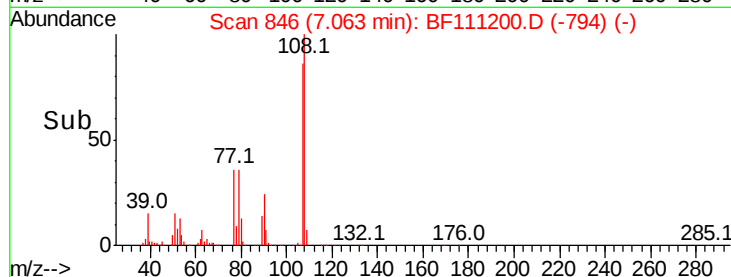
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

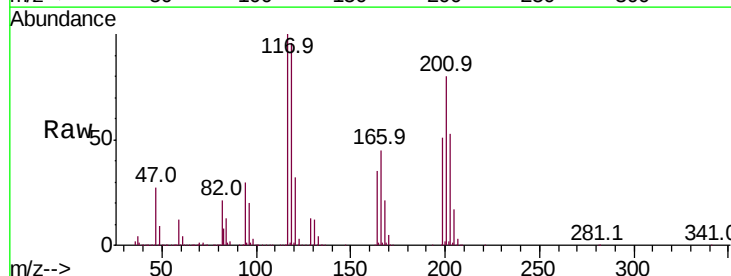
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.878 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF111200.D
Acq: 7 Dec 2018 21:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	73.8	110.6
201	80.2	61.2	91.8

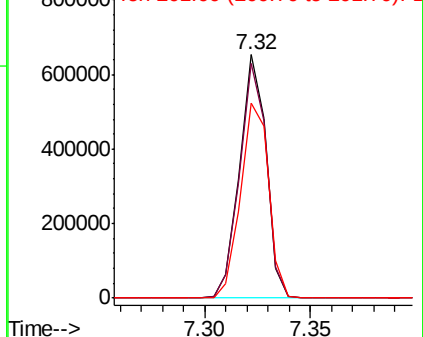
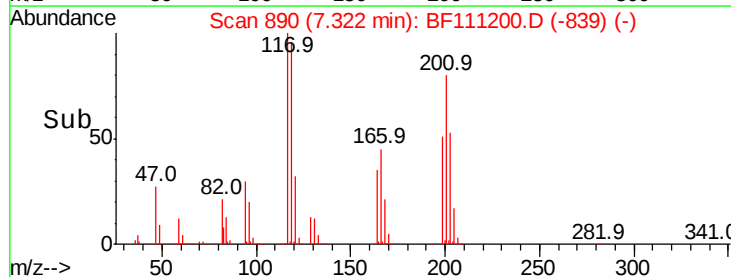


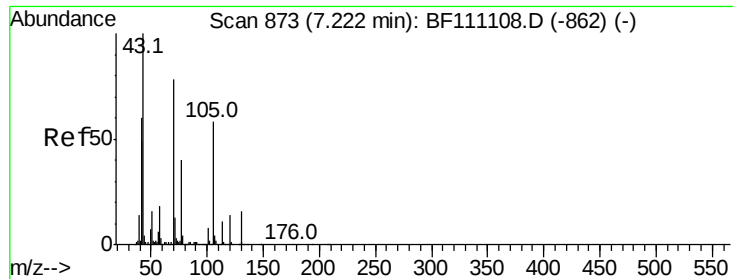
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





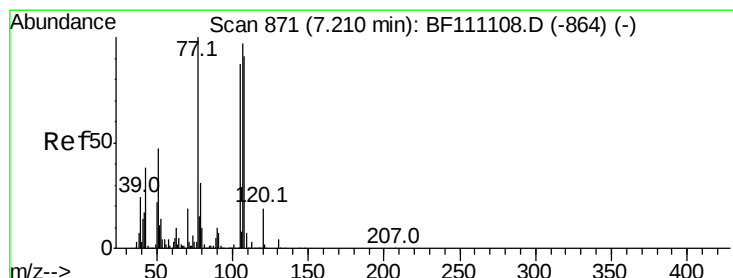
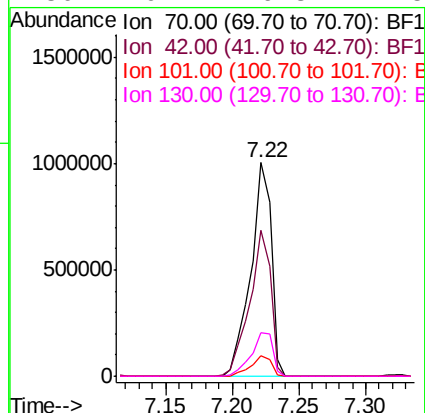
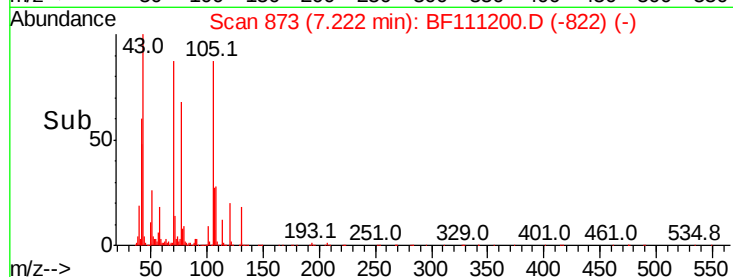
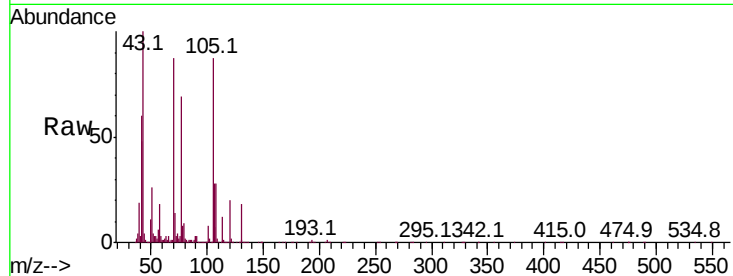
#19
n-Nitroso-di-n-propylamine
Concen: 39.978 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF111200.D
Acq: 7 Dec 2018 21:22

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.5	61.3	91.9
101	9.8	7.7	11.5
130	20.2	16.3	24.5

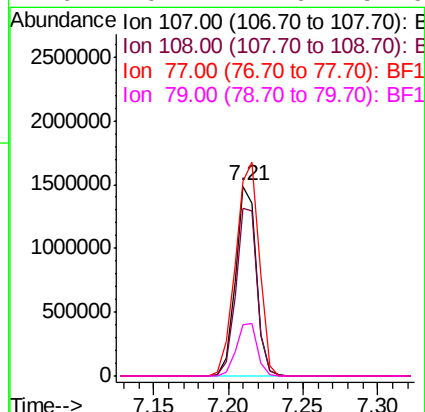
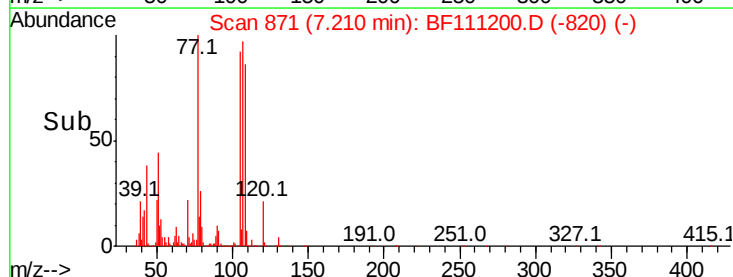
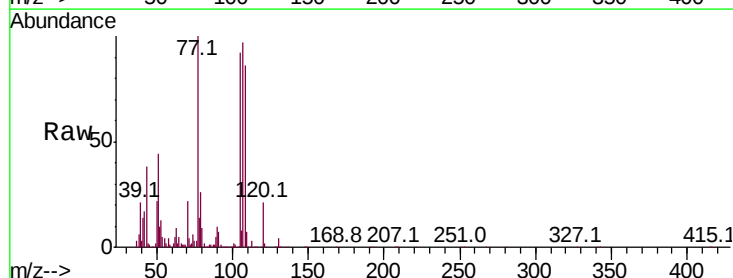
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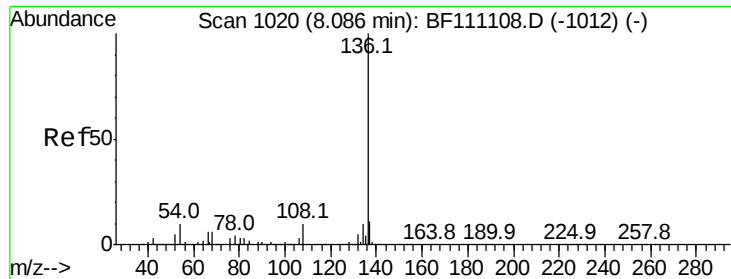
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#20
3+4-Methylphenols
Concen: 40.994 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111200.D
Acq: 7 Dec 2018 21:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.3	74.0	114.0
77	102.7	83.2	123.2
79	26.7	11.6	51.6





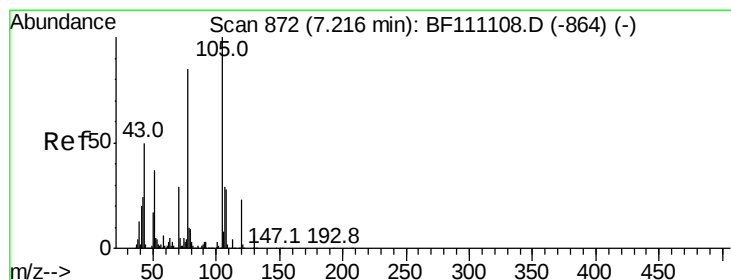
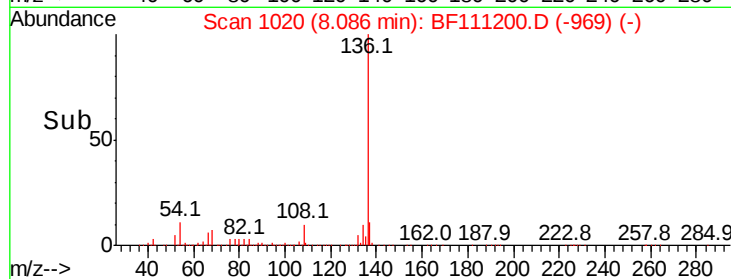
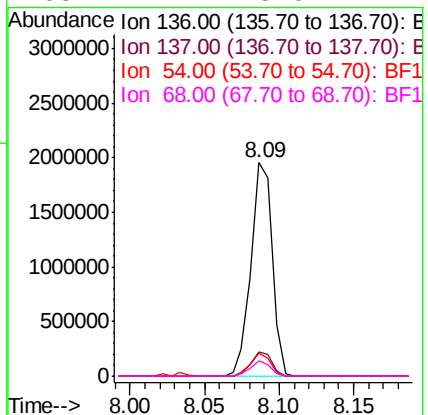
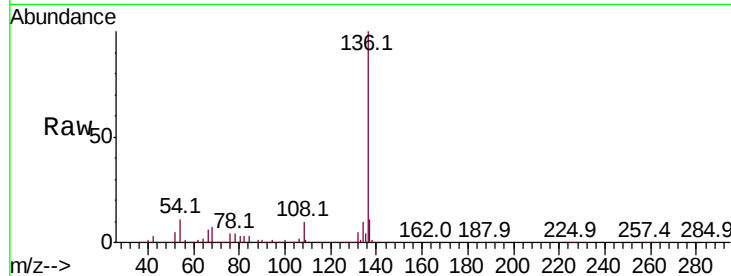
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111200.D
Acq: 7 Dec 2018 21:22

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	10.7	8.4	12.6
68	7.4	5.0	7.4

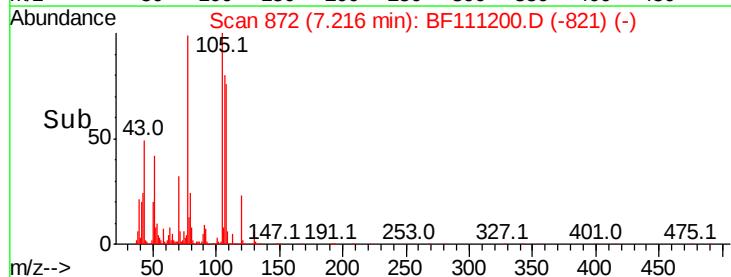
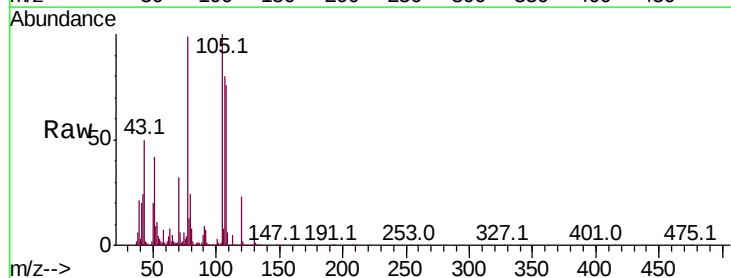
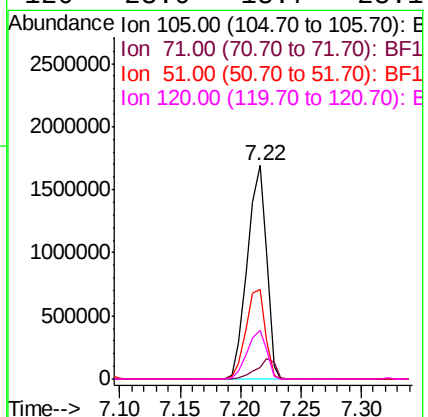
Manual Integrations
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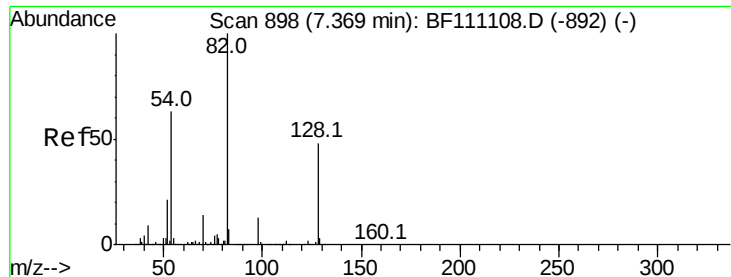
Sohil
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#22
Acetophenone
Concen: 40.934 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF111200.D
Acq: 7 Dec 2018 21:22

Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.6	4.0	6.0
51	41.8	29.8	44.8
120	23.0	18.7	28.1





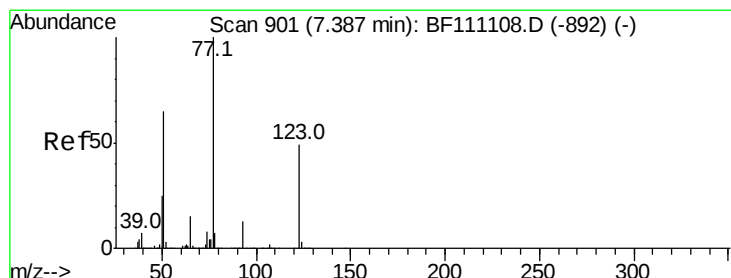
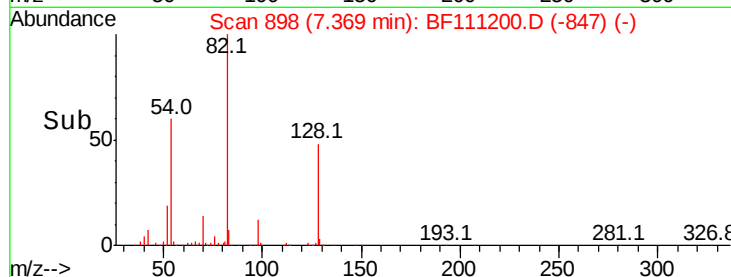
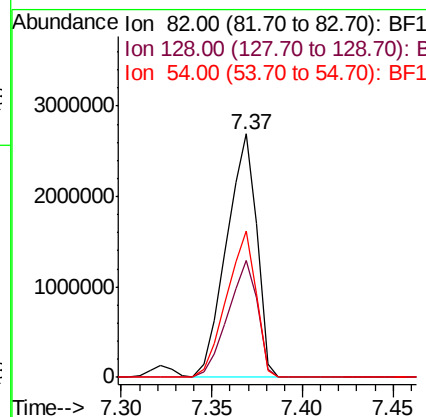
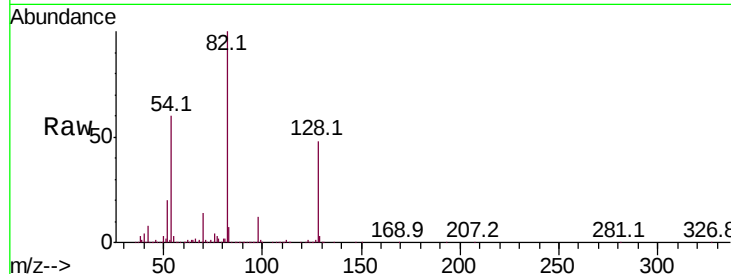
#23
 Nitrobenzene-d5
 Concen: 96.356 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BF111200.D
 Acq: 7 Dec 2018 21:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(13-15)MSD

Tot Ion: 82 Resp: 3121059
 Ion Ratio Lower Upper
 82 100
 128 47.8 38.1 57.1
 54 60.3 50.3 75.5

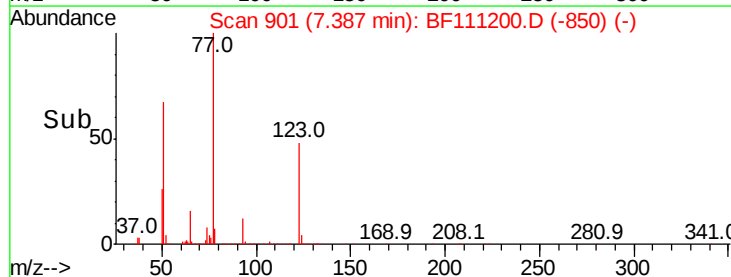
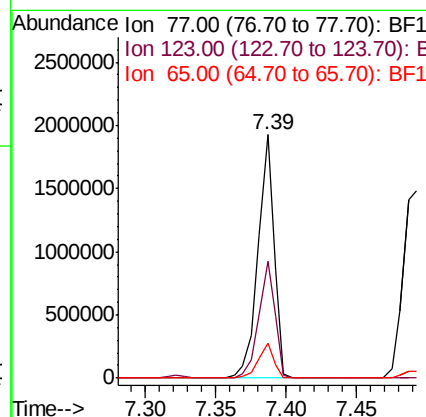
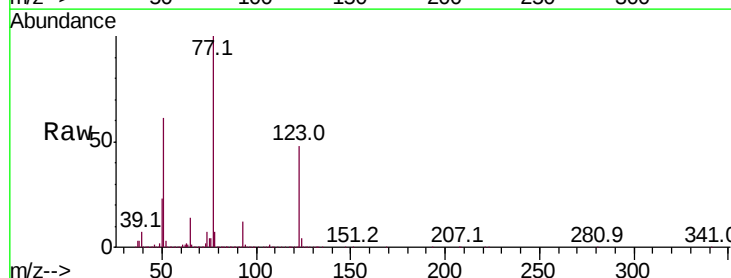
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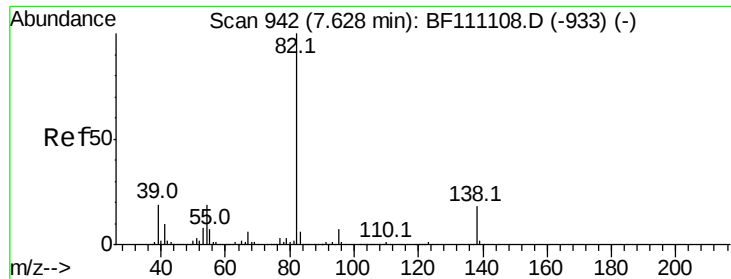
Sohil
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#24
 Nitrobenzene
 Concen: 44.615 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF111200.D
 Acq: 7 Dec 2018 21:22

Tgt Ion: 77 Resp: 1554714
 Ion Ratio Lower Upper
 77 100
 123 47.8 39.5 59.3
 65 14.5 11.8 17.6





#25

Isophorone

Concen: 47.664 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF111200.D

Acq: 7 Dec 2018 21:22

Instrument :

BNA_F

ClientSampleId :

SB-10(13-15)MSD

Tot Ion: 82 Resp: 2833372

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

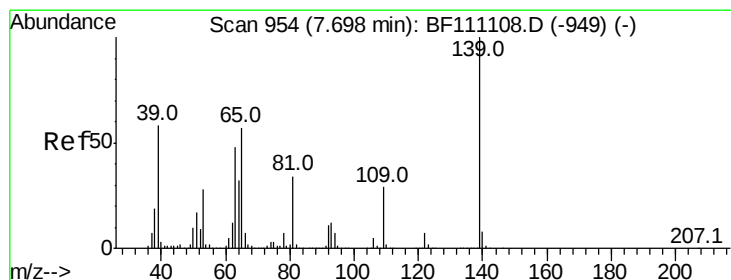
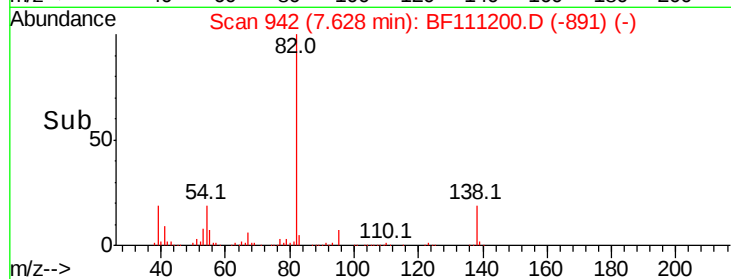
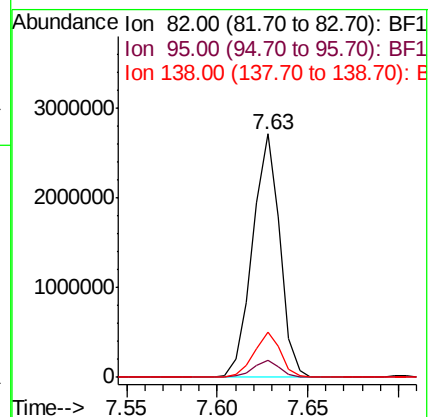
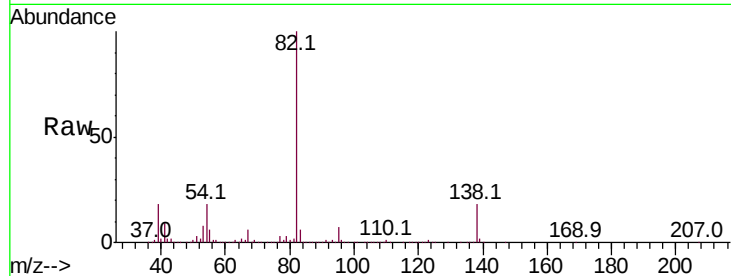
138 18.4 14.6 22.0

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#26

2-Nitrophenol

Concen: 52.894 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF111200.D

Acq: 7 Dec 2018 21:22

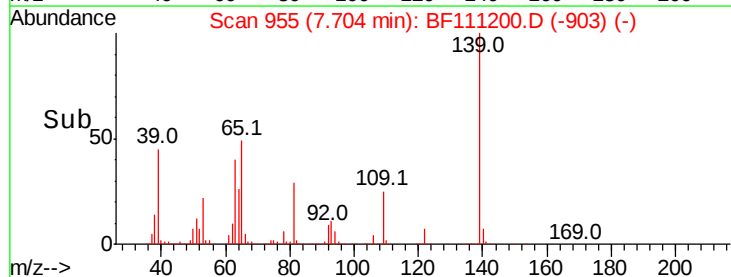
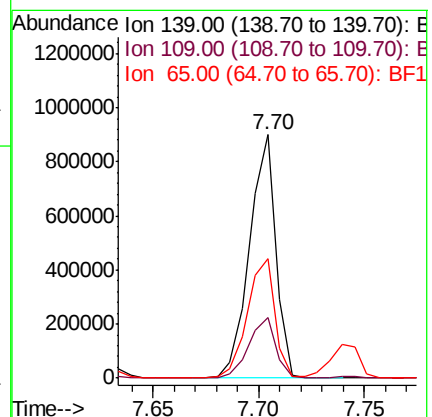
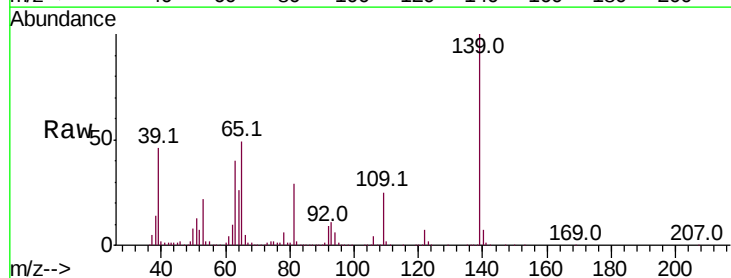
Tgt Ion: 139 Resp: 778808

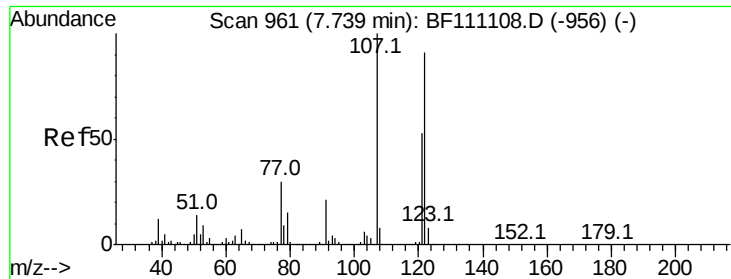
Ion Ratio Lower Upper

139 100

109 24.7 23.1 34.7

65 49.0 45.9 68.9





#27

2,4-Dimethylphenol

Concen: 47.993 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.01 min

Lab File: BF111200.D

Acq: 7 Dec 2018 21:22

Instrument :

BNA_F

ClientSampleId :

SB-10(13-15)MSD

Tot Ion:122 Resp: 1330833

Ion Ratio Lower Upper

122 100

107 106.1 87.4 131.0

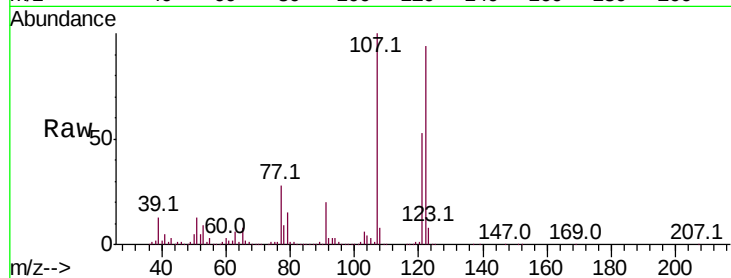
121 56.3 45.9 68.9

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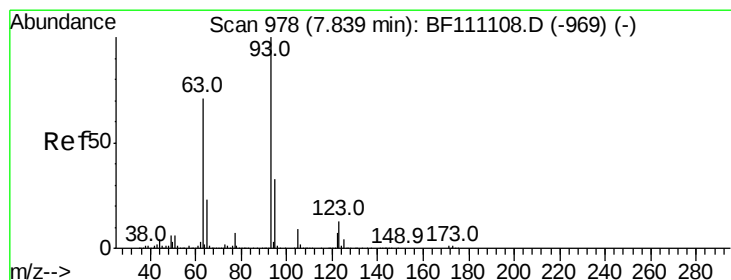
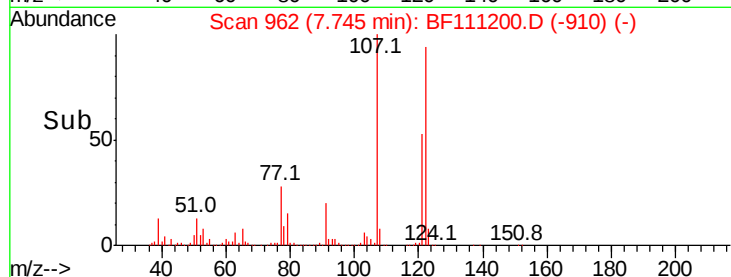
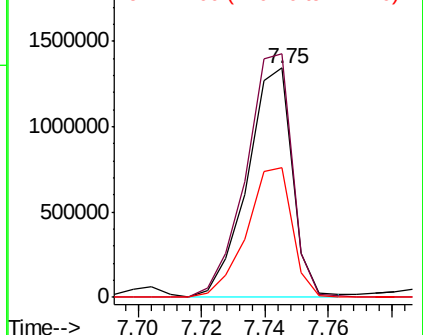
12/11/2018 8:44:48 AM



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.533 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF111200.D

Acq: 7 Dec 2018 21:22

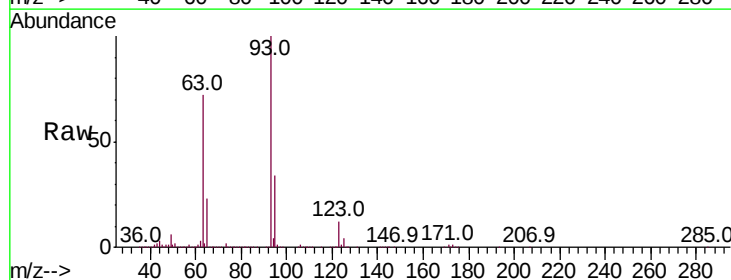
Tgt Ion: 93 Resp: 1832365

Ion Ratio Lower Upper

93 100

95 34.3 26.6 39.8

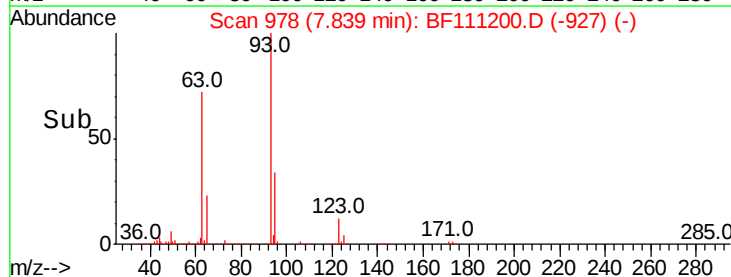
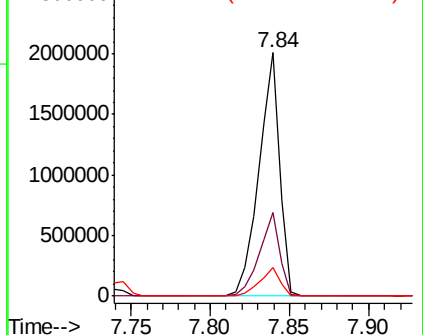
123 11.8 10.3 15.5

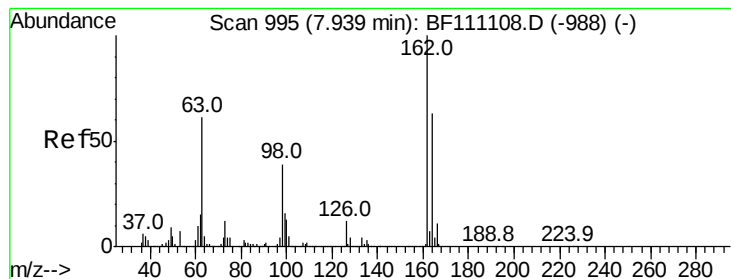


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 44.131 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF111200.D

Acq: 7 Dec 2018 21:22

Instrument :

BNA_F

ClientSampleId :

SB-10(13-15)MSD

Tot Ion:162 Resp: 1204746

Ion Ratio Lower Upper

162 100

164 64.8 43.3 83.3

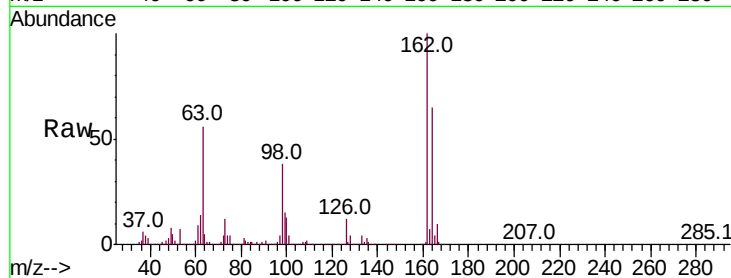
98 38.2 18.9 58.9

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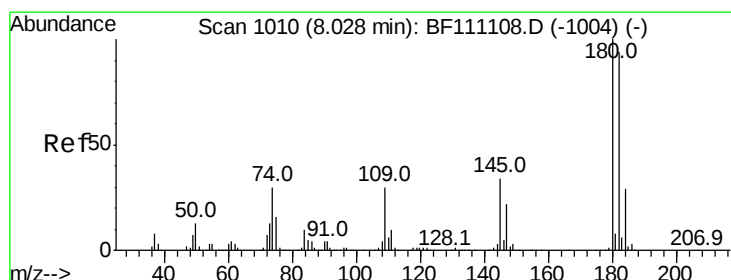
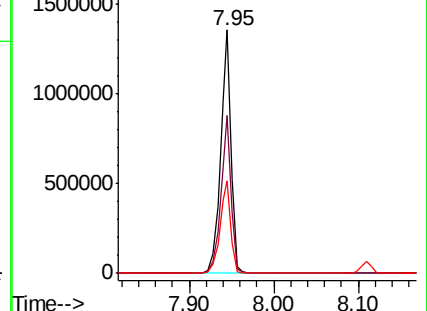
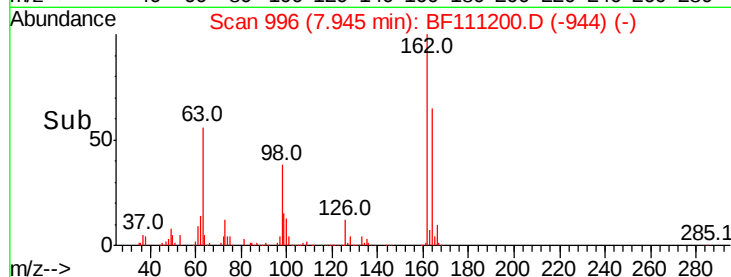
12/11/2018 8:44:48 AM



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 41.949 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.01 min

Lab File: BF111200.D

Acq: 7 Dec 2018 21:22

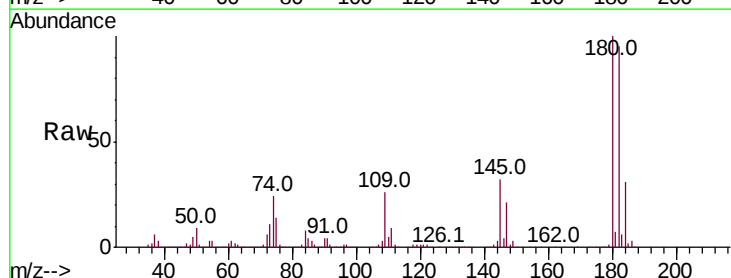
Tgt Ion:180 Resp: 1155897

Ion Ratio Lower Upper

180 100

182 94.7 75.1 112.7

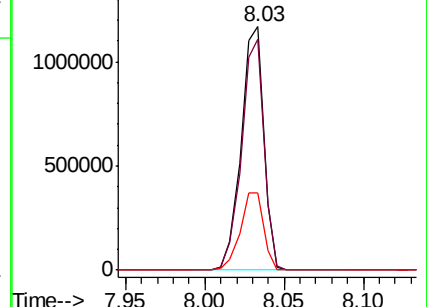
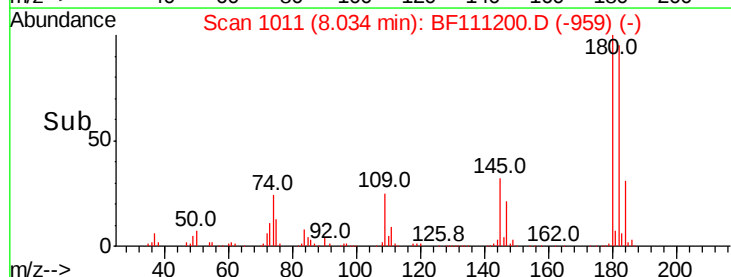
145 31.8 27.6 41.4

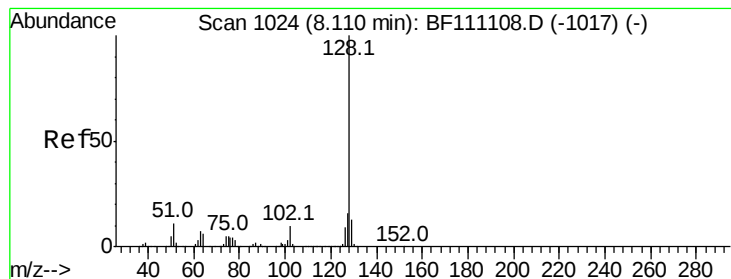


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 46.344 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF111200.D

Acq: 7 Dec 2018 21:22

Instrument :

BNA_F

ClientSampleId :

SB-10(13-15)MSD

Tot Ion:128 Resp: 3869424

Ion Ratio Lower Upper

128 100

129 13.0 10.5 15.7

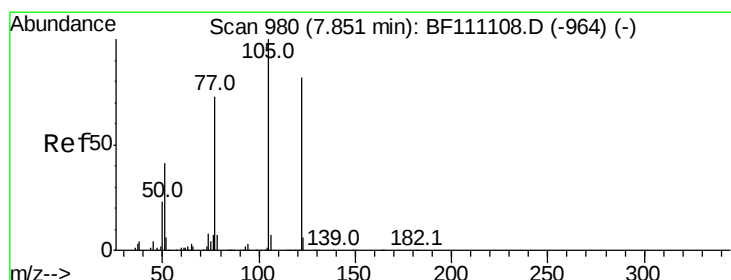
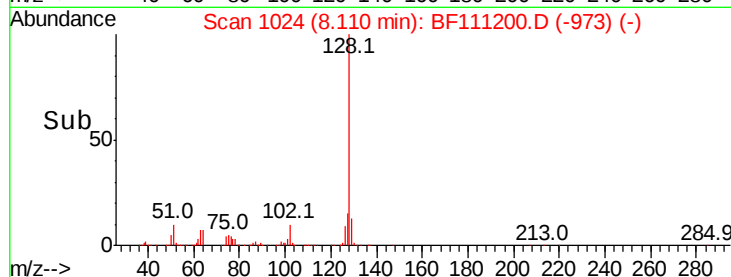
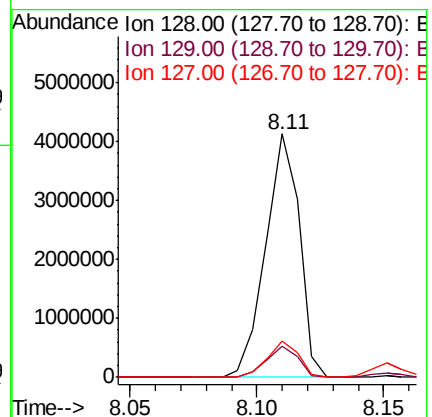
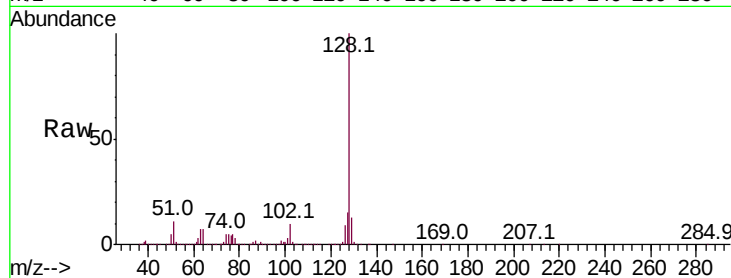
127 15.1 12.5 18.7

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#32

Benzoic acid

Concen: 8.727 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.05 min

Lab File: BF111200.D

Acq: 7 Dec 2018 21:22

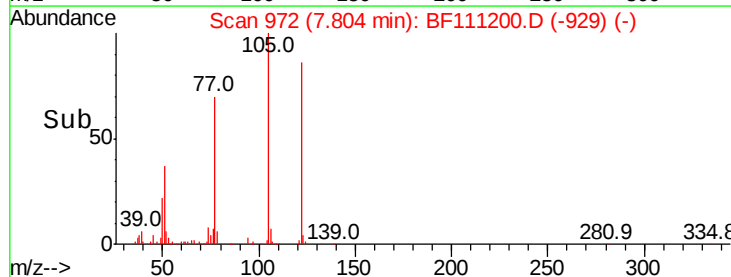
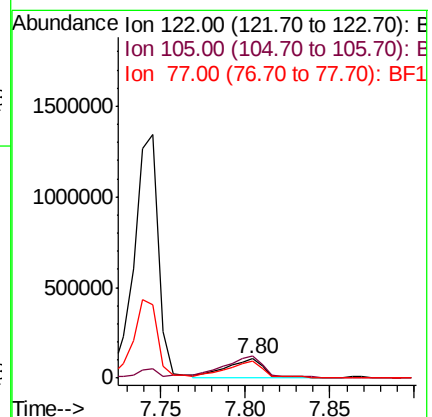
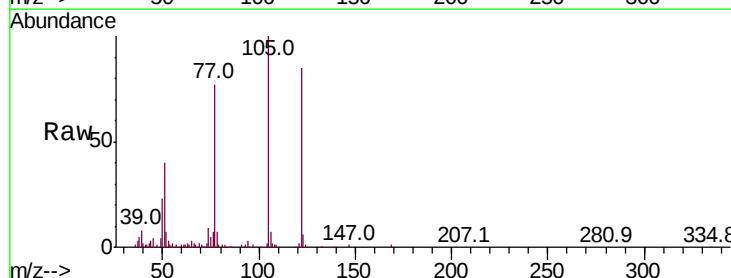
Tgt Ion:122 Resp: 159588

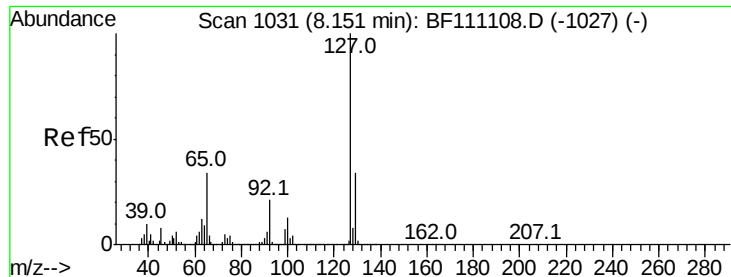
Ion Ratio Lower Upper

122 100

105 117.2 100.1 140.1

77 90.6 69.4 109.4





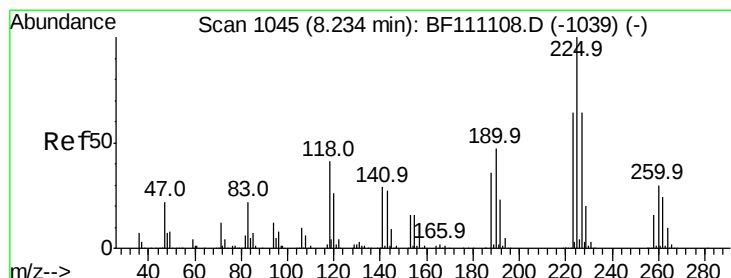
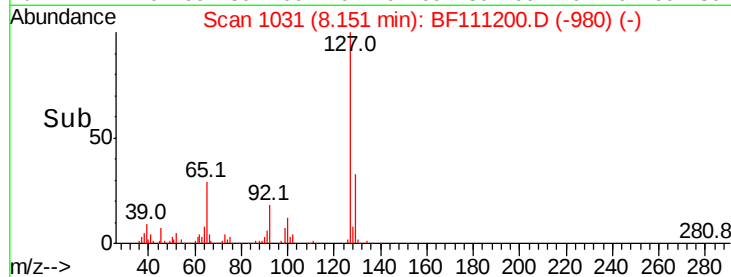
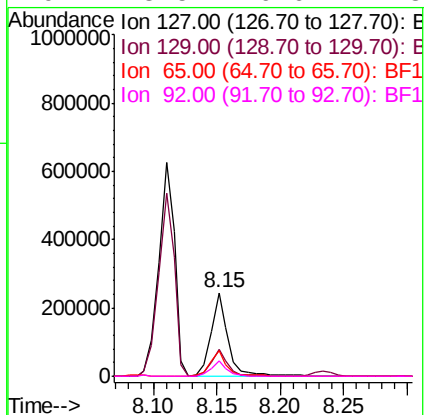
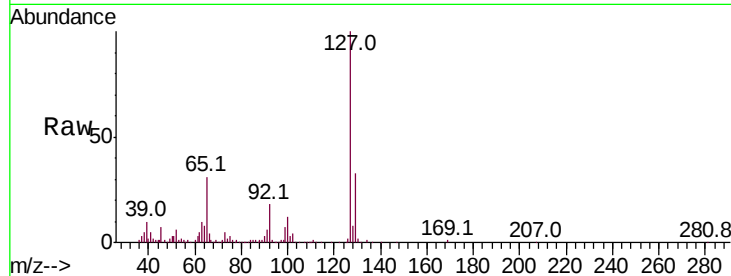
#33
4-Chloroaniline
Concen: 5.703 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF111200.D
Acq: 7 Dec 2018 21:22

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.7	27.0	40.6	
65	31.2	27.2	40.8	
92	18.5	16.6	24.8	

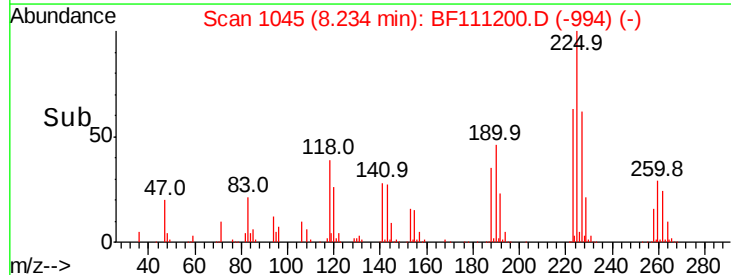
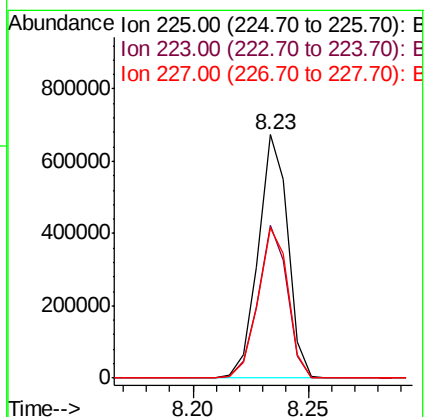
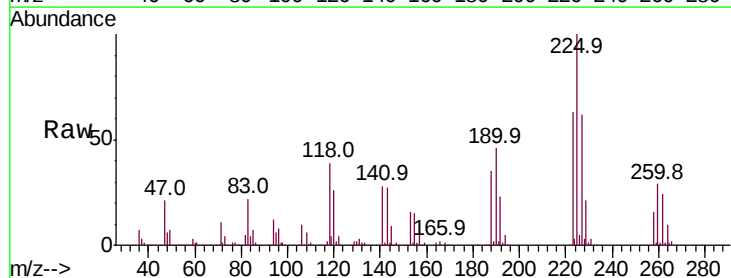
Manual Integrations
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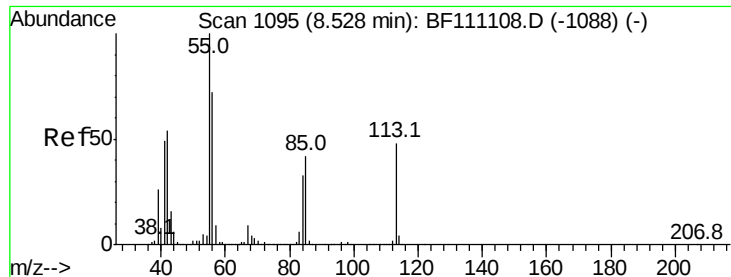
Sohil
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#34
Hexachlorobutadiene
Concen: 40.222 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF111200.D
Acq: 7 Dec 2018 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.6	51.4	77.2	
227	61.8	51.0	76.4	





#35

Caprolactam

Concen: 43.947 ng/ml

RT: 8.52 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BF111200.D

Acq: 7 Dec 2018 21:22

Instrument :

BNA_F

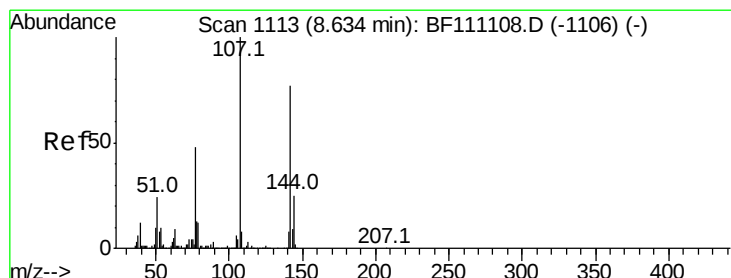
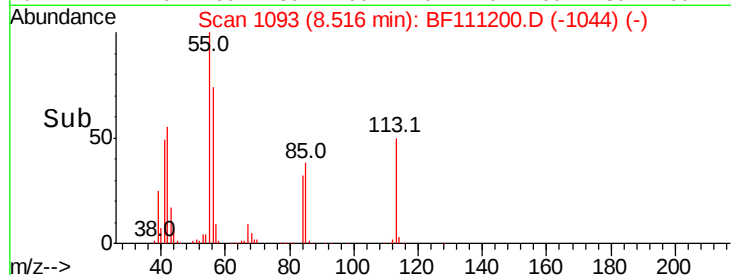
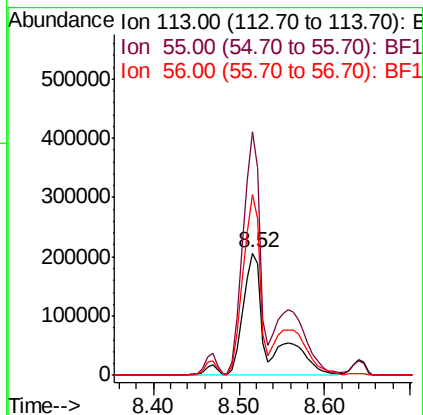
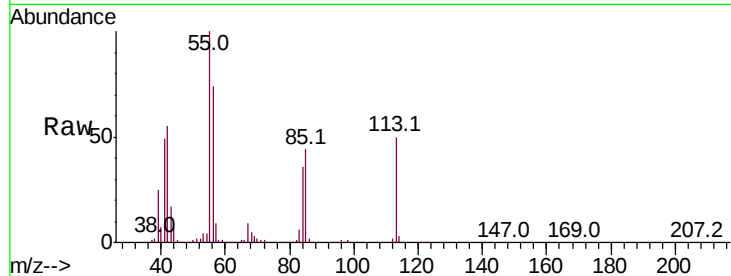
ClientSampleId :

SB-10(13-15)MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	199.0	190.6	230.6
56	147.5	130.9	170.9

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#36

4-Chloro-3-methylphenol

Concen: 35.482 ng/ml

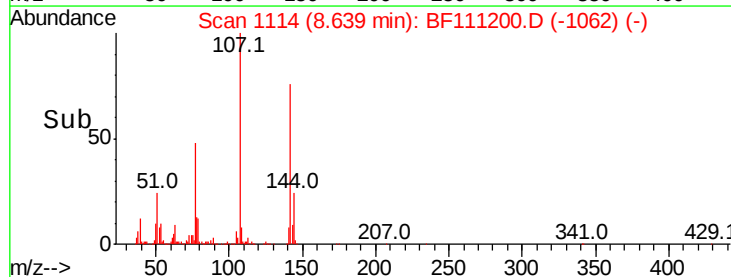
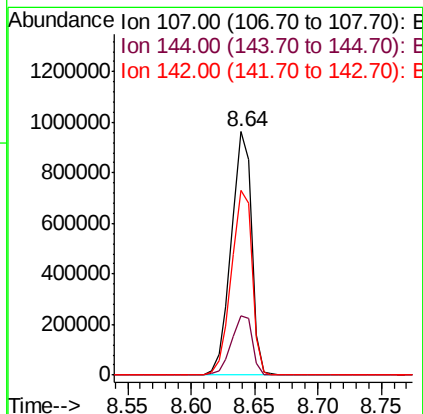
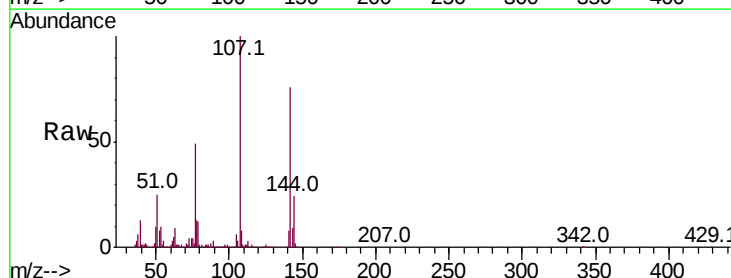
RT: 8.64 min Scan# 1114

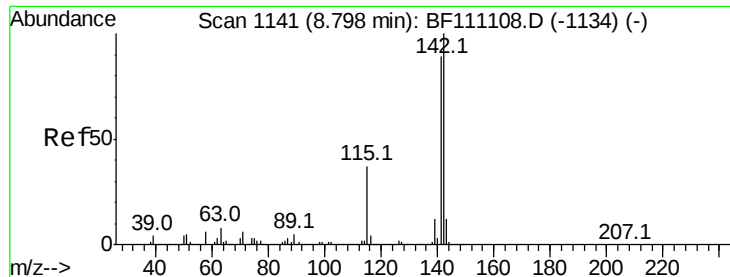
Delta R.T. 0.01 min

Lab File: BF111200.D

Acq: 7 Dec 2018 21:22

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.3	19.9	29.9
142	76.0	61.4	92.0





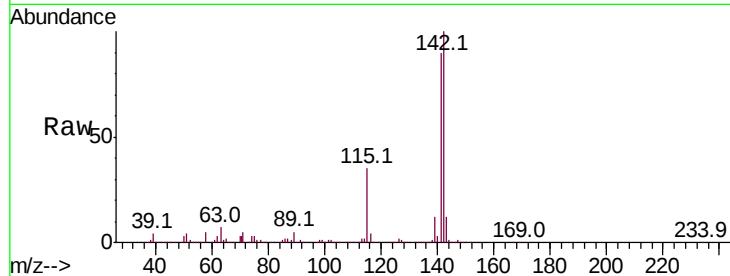
#37
2-Methylnaphthalene
Concen: 35.797 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF111200.D
Acq: 7 Dec 2018 21:22

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.4	107.0
115	34.9	29.2	43.8

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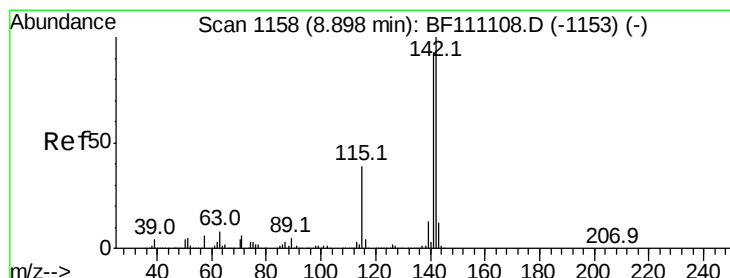
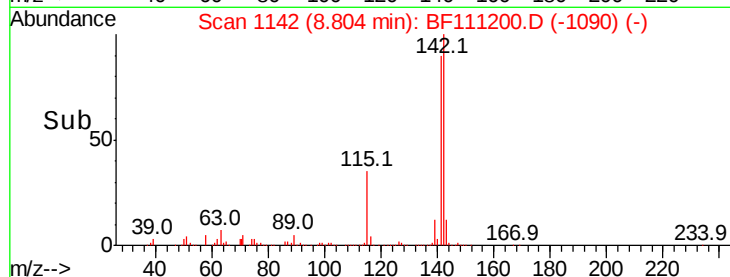
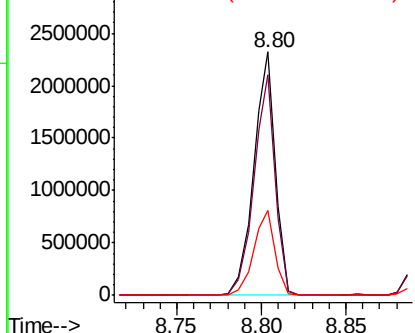


Abundance

Ion 142.00 (141.70 to 142.70): E

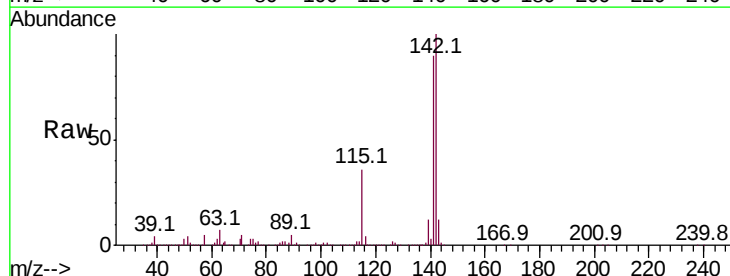
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 35.384 ng
RT: 8.90 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF111200.D
Acq: 7 Dec 2018 21:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	74.5	111.7
116	3.7	3.2	4.8

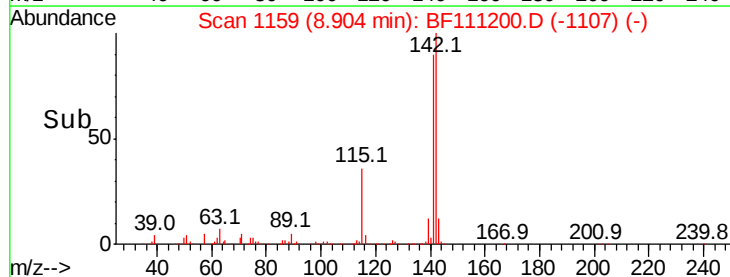
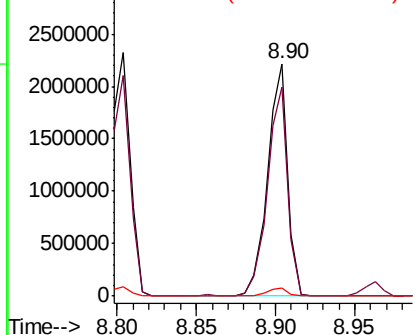


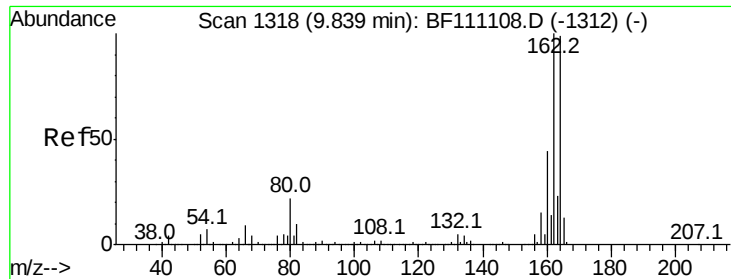
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





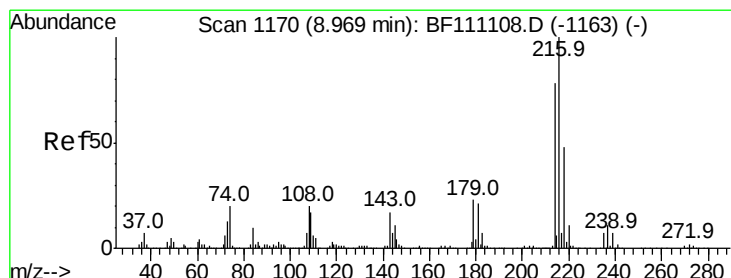
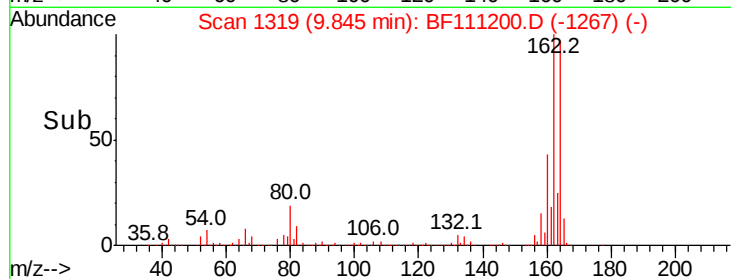
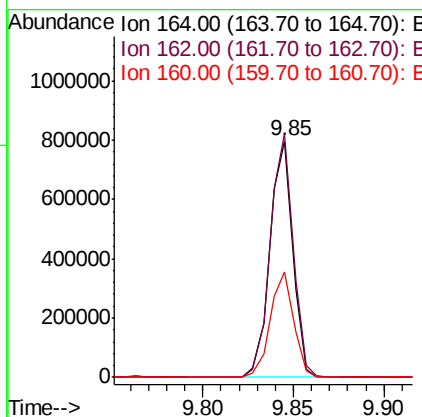
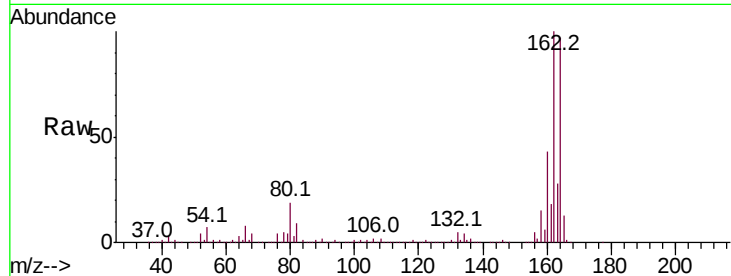
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.01 min
 Lab File: BF111200.D
 Acq: 7 Dec 2018 21:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(13-15)MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	80.6	120.8
160	44.9	35.5	53.3

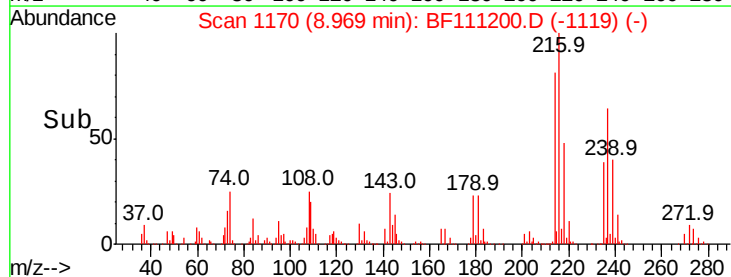
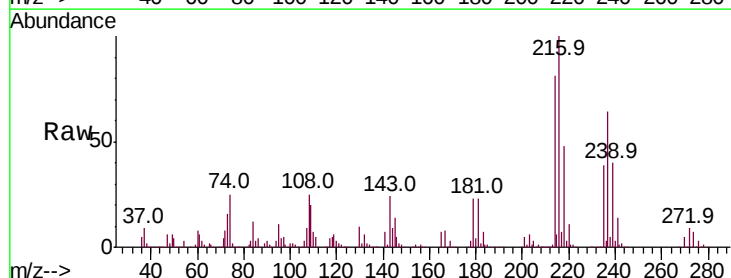
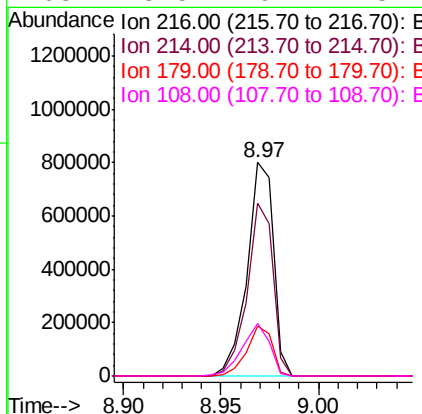
Manual Integrations
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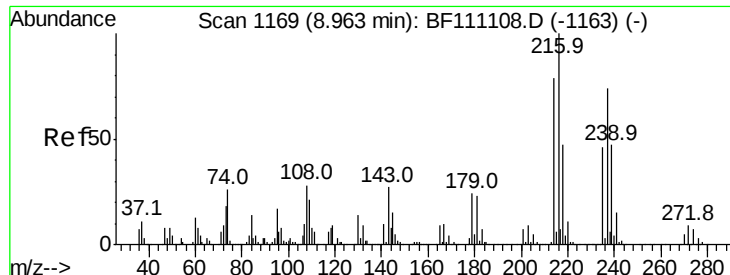
Sohil
 12/11/2018 8:44:48 AM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.406 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF111200.D
 Acq: 7 Dec 2018 21:22

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.4	95.0
179	22.6	18.5	27.7
108	25.5	19.1	28.7





#41

Hexachlorocyclopentadiene

Concen: 83.208 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF111200.D

Acq: 7 Dec 2018 21:22

Instrument :

BNA_F

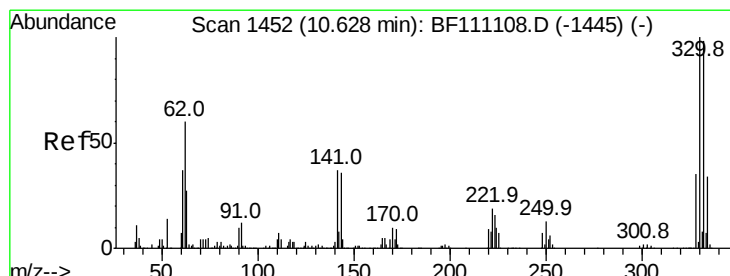
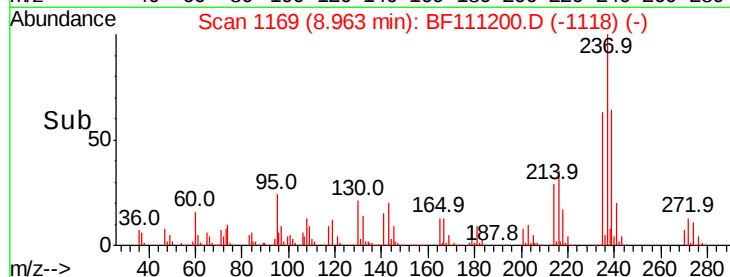
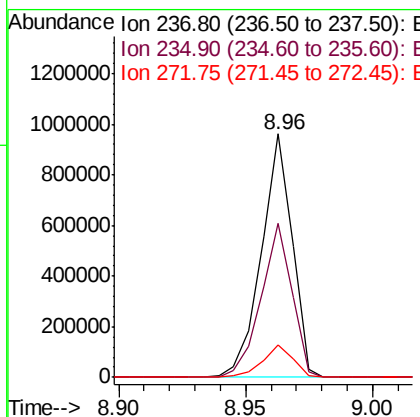
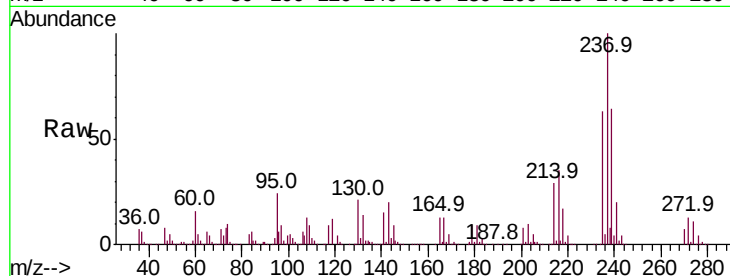
ClientSampleId :

SB-10(13-15)MSD

Tot Ion:	237	Resp:	813975
Ion Ratio		Lower	Upper
237	100		
235	63.5	41.9	81.9
272	13.1	0.0	32.7

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 143.821 ng

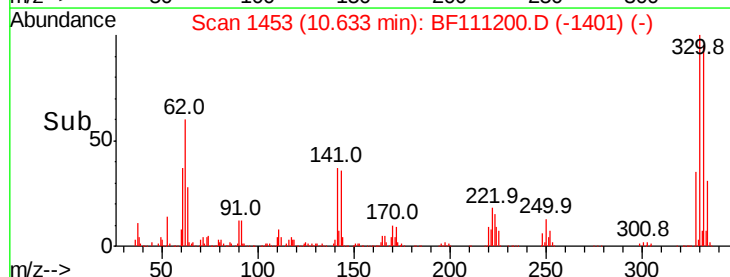
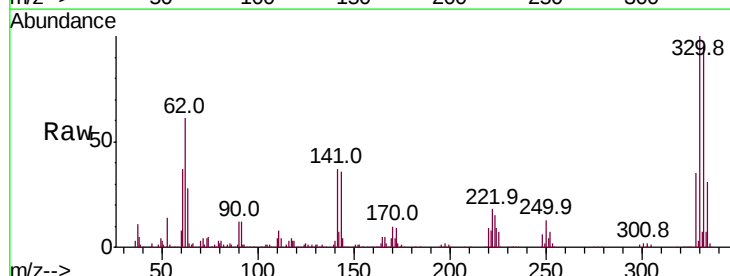
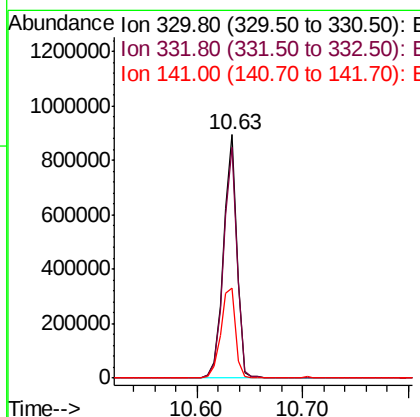
RT: 10.63 min Scan# 1453

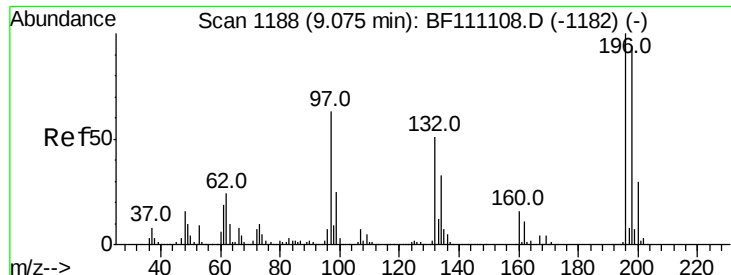
Delta R.T. 0.01 min

Lab File: BF111200.D

Acq: 7 Dec 2018 21:22

Tgt Ion:	330	Resp:	795781
Ion Ratio		Lower	Upper
330	100		
332	95.8	77.2	115.8
141	41.0	36.1	54.1





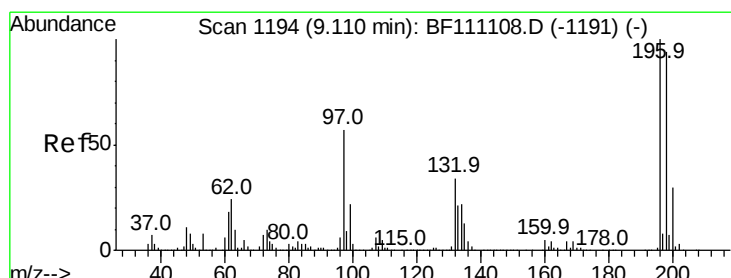
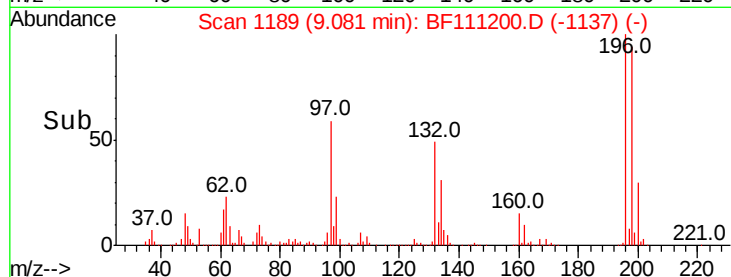
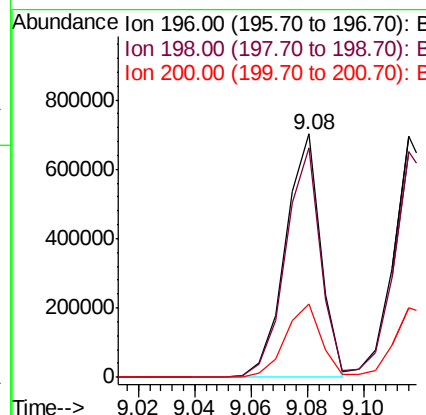
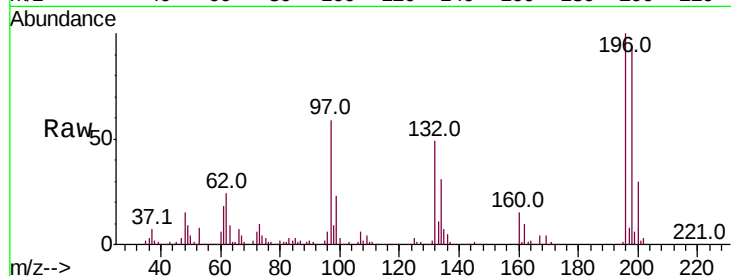
#43
 2,4,6-Trichlorophenol
 Concen: 44.765 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF111200.D
 Acq: 7 Dec 2018 21:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(13-15)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	606554		
198	94.2	75.4	113.0	
200	30.2	24.2	36.4	

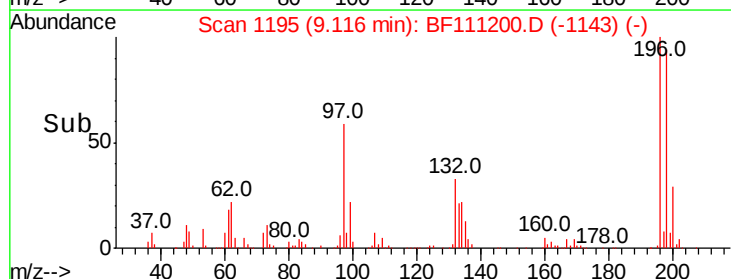
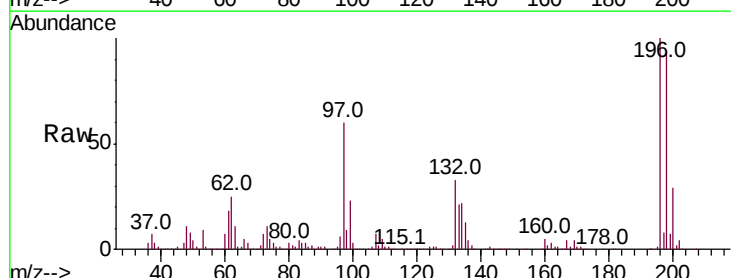
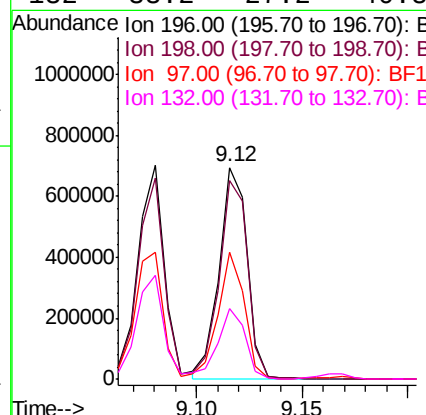
Manual Integrations
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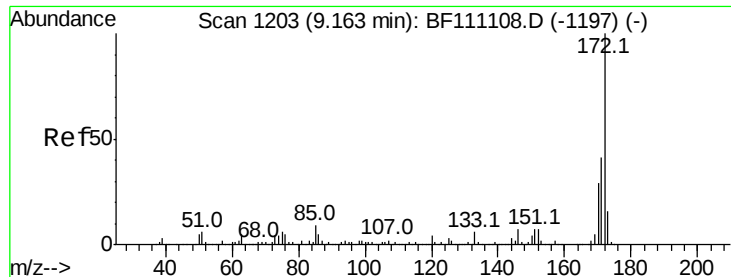
Sohil
 12/11/2018 8:44:48 AM



#44
 2,4,5-Trichlorophenol
 Concen: 46.697 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF111200.D
 Acq: 7 Dec 2018 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	641414		
198	93.8	75.0	112.4	
97	59.6	46.2	69.4	
132	33.2	27.2	40.8	





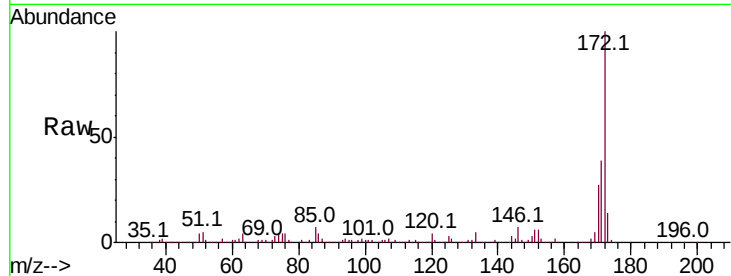
#45
2-Fluorobiphenyl
Concen: 93.151 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF111200.D
Acq: 7 Dec 2018 21:22

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.1	33.2	49.8
170	26.6	22.9	34.3

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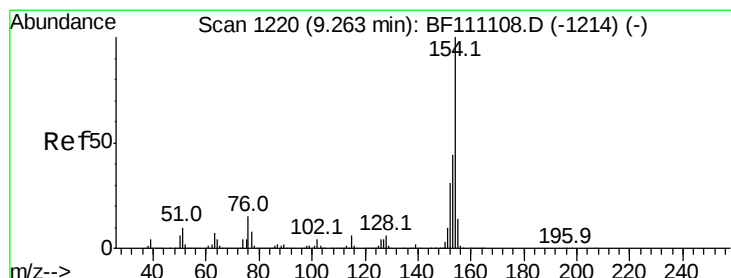
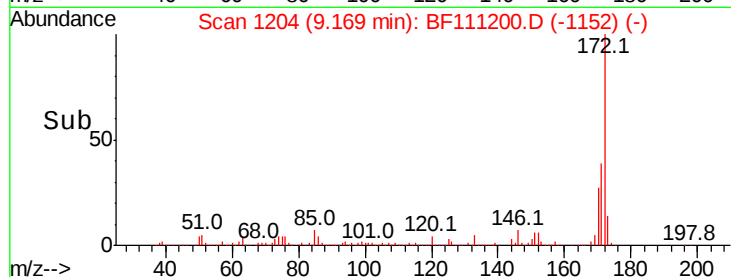
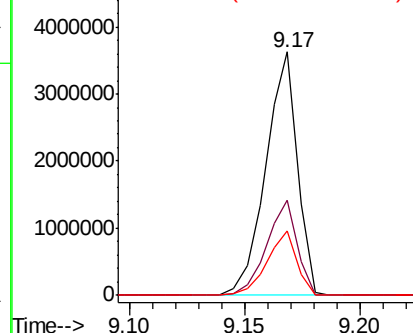


Abundance

Ion 172.00 (171.70 to 172.70): E

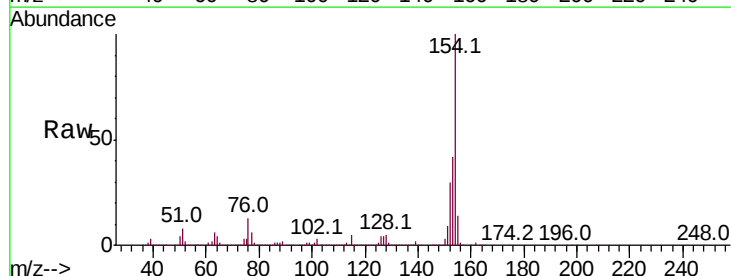
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 40.887 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.01 min
Lab File: BF111200.D
Acq: 7 Dec 2018 21:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	23.7	63.7
76	12.7	0.0	35.0

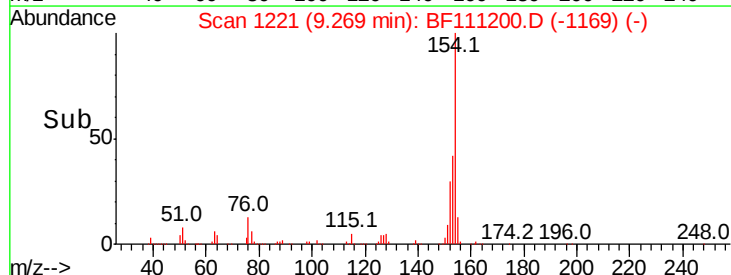
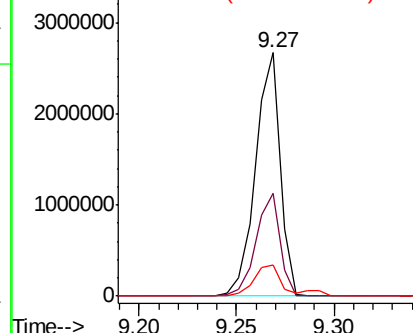


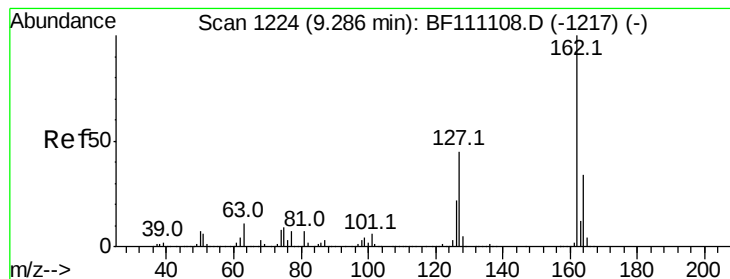
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





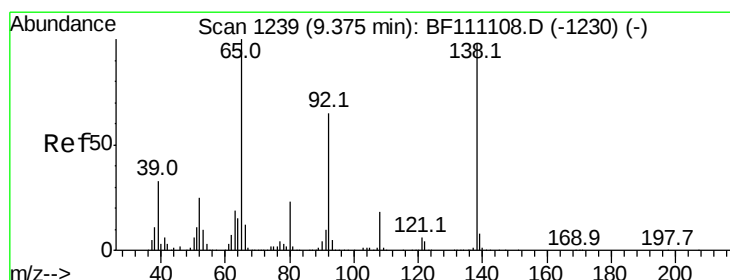
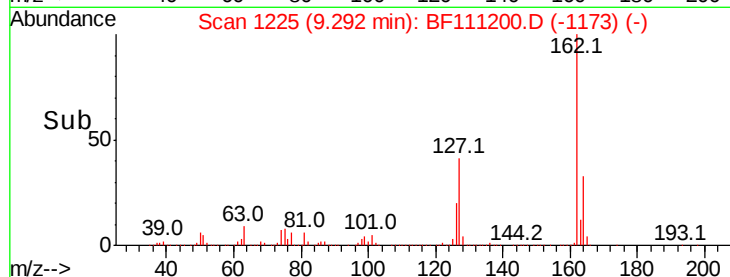
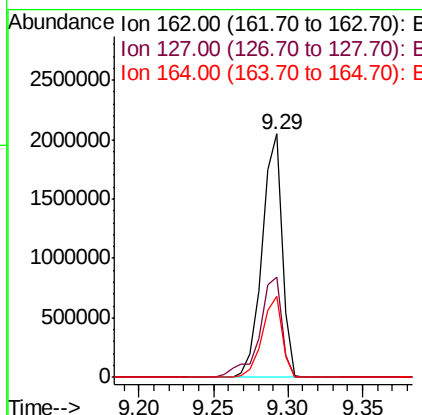
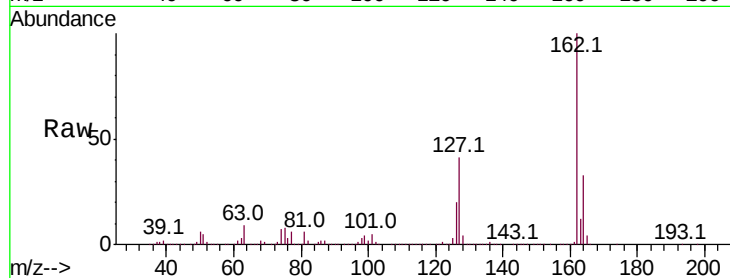
#47
2-Chloronaphthalene
Concen: 42.370 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.01 min
Lab File: BF111200.D
Acq: 7 Dec 2018 21:22

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	36.4	54.6
164	33.2	27.3	40.9

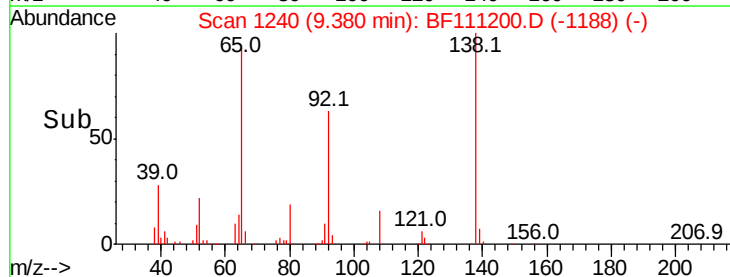
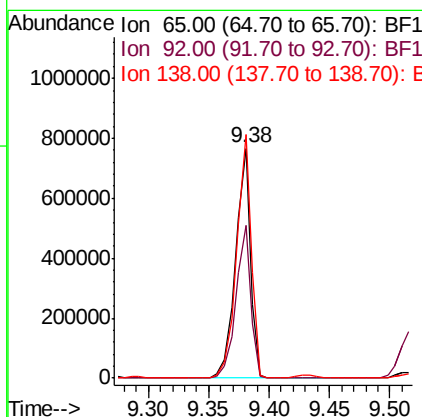
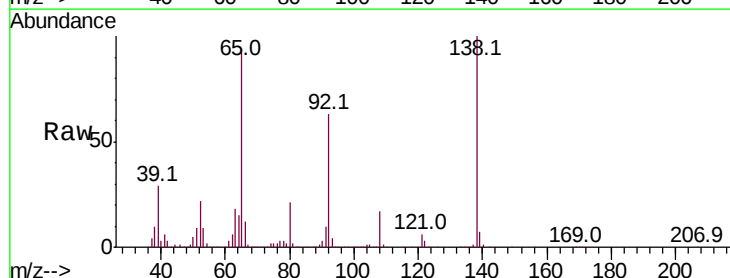
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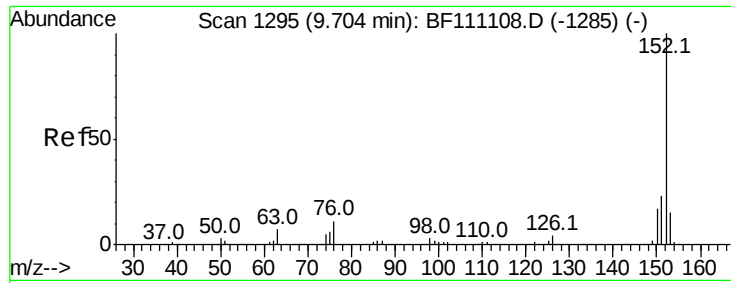
Sohil
12/11/2018 8:44:48 AM



#48
2-Nitroaniline
Concen: 46.058 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.01 min
Lab File: BF111200.D
Acq: 7 Dec 2018 21:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.6	52.1	78.1
138	106.0	78.2	117.4





#49

Acenaphthylene

Concen: 47.627 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF111200.D

Acq: 7 Dec 2018 21:22

Instrument :

BNA_F

ClientSampleId :

SB-10(13-15)MSD

Tot Ion:152 Resp: 2947848

Ion Ratio Lower Upper

152 100

151 22.0 18.3 27.5

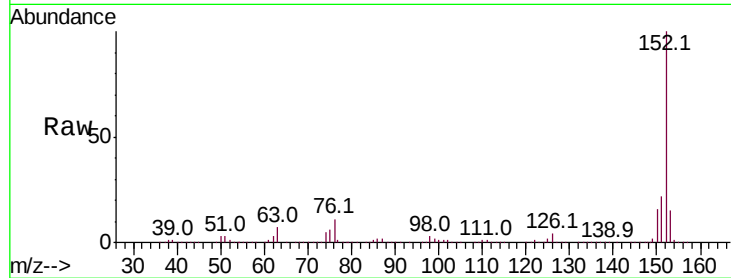
153 14.7 11.8 17.8

Manual Integrations

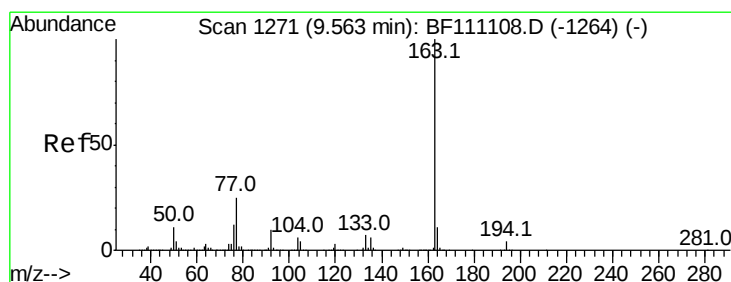
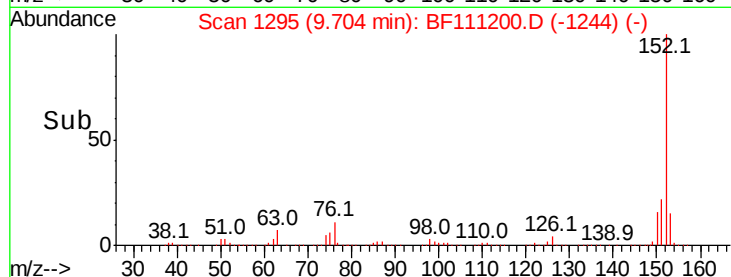
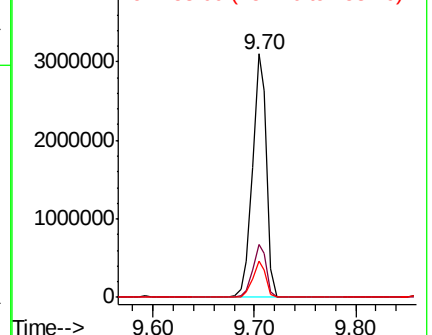
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 54.463 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF111200.D

Acq: 7 Dec 2018 21:22

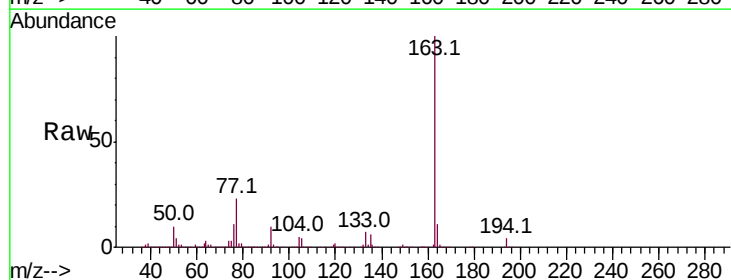
Tgt Ion:163 Resp: 2638501

Ion Ratio Lower Upper

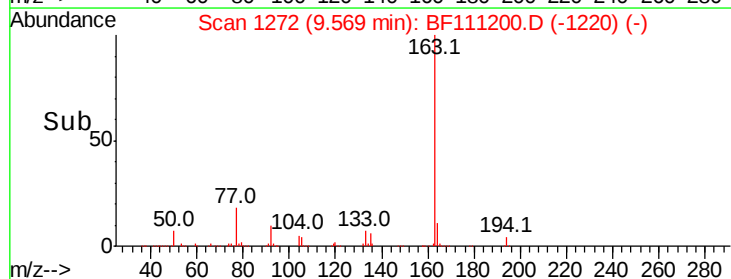
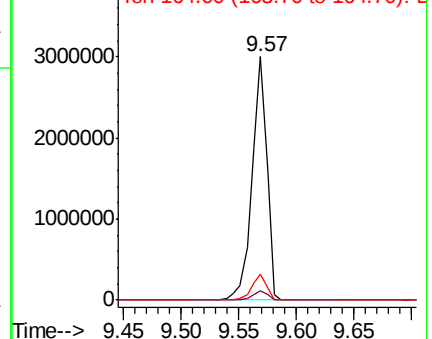
163 100

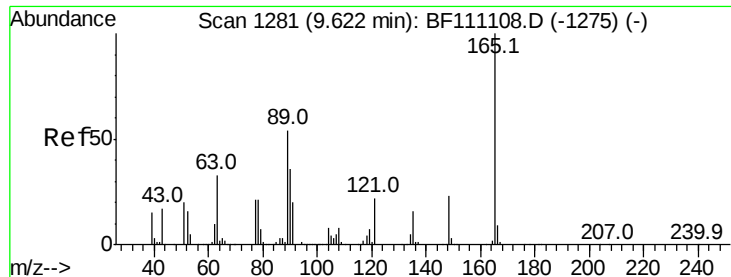
194 4.0 3.0 4.4

164 10.9 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





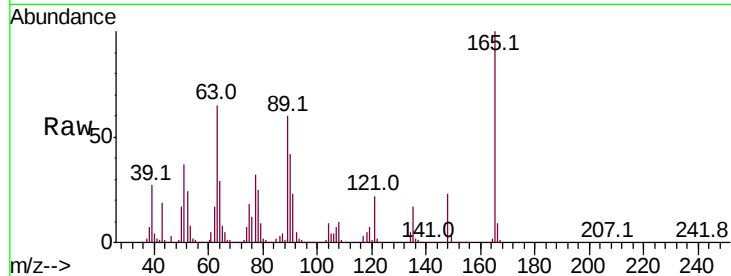
#51
2,6-Dinitrotoluene
Concen: 49.832 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF111200.D
Acq: 7 Dec 2018 21:22

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MSD

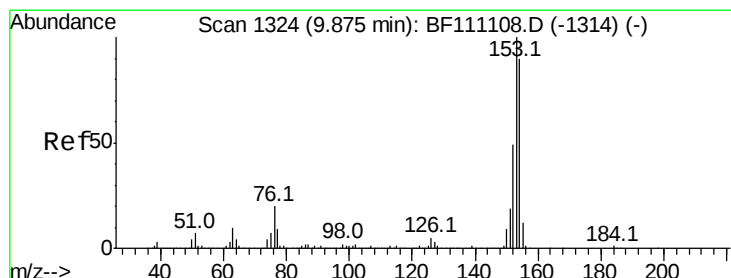
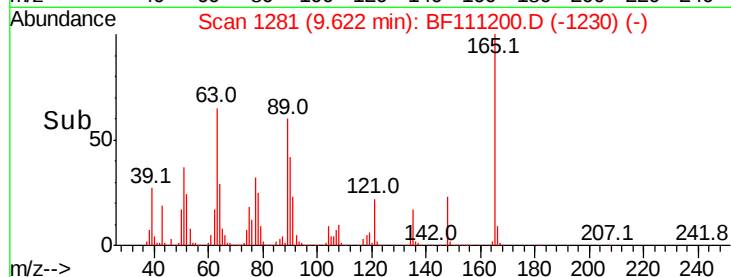
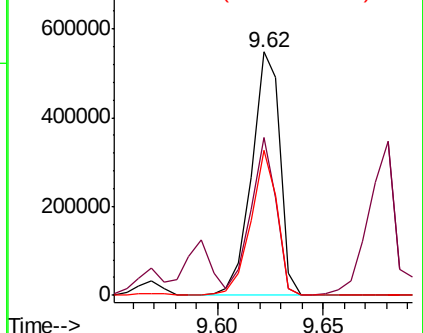
Tot Ion	Ratio	Resp	Lower	Upper
165	100	511835		
63	64.9	44.7	67.1	
89	59.7	43.0	64.4	

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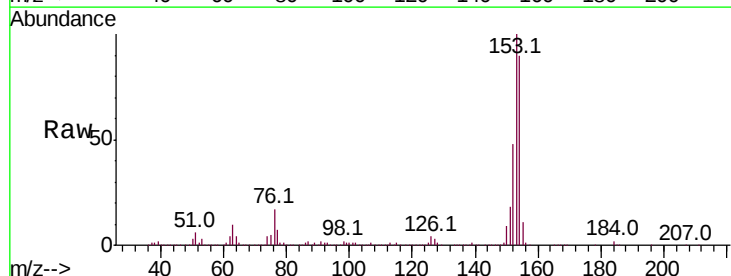


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

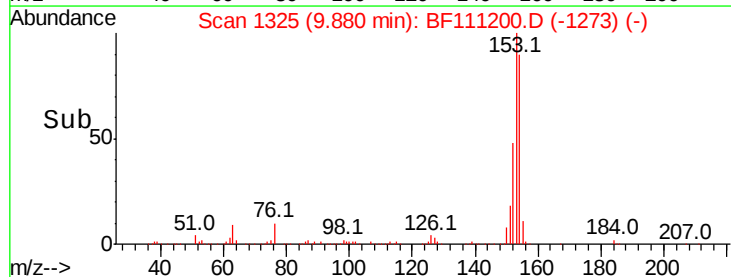
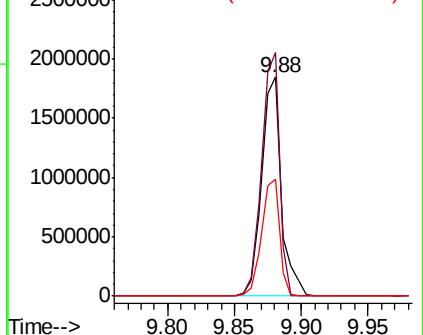


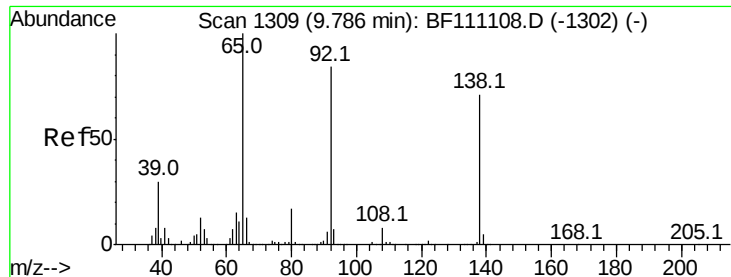
#52
Acenaphthene
Concen: 45.771 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF111200.D
Acq: 7 Dec 2018 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1871585		
153	111.1	88.7	133.1	
152	53.1	43.8	65.8	



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





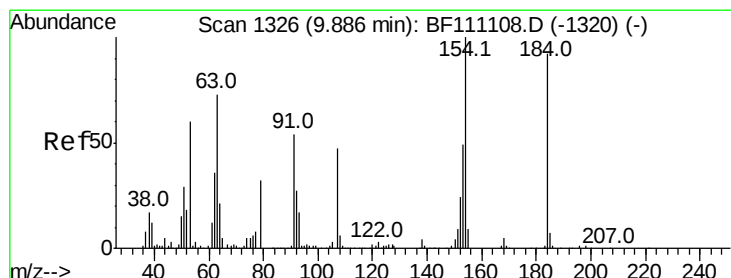
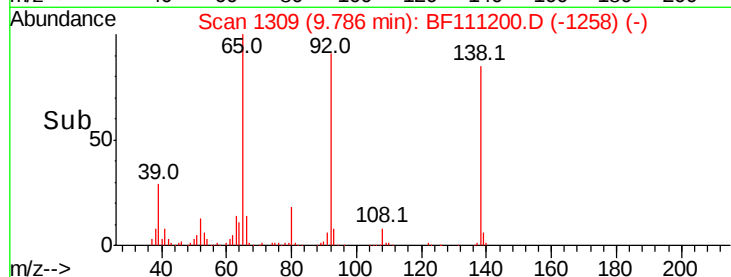
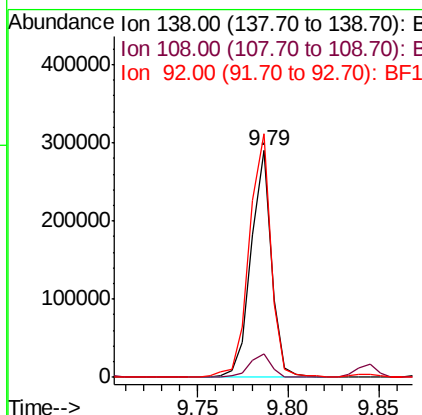
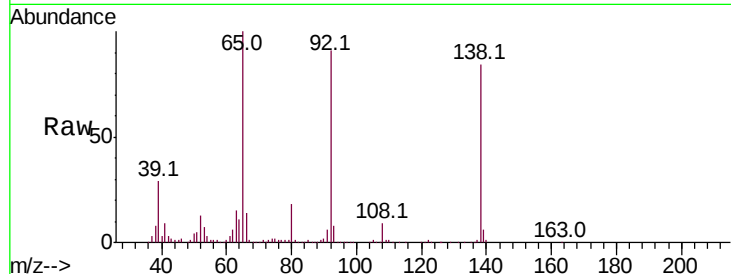
#53
3-Nitroaniline
Concen: 17.699 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF111200.D
Acq: 7 Dec 2018 21:22

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	228354		
108	10.1	9.4	14.0	
92	107.4	94.1	141.1	

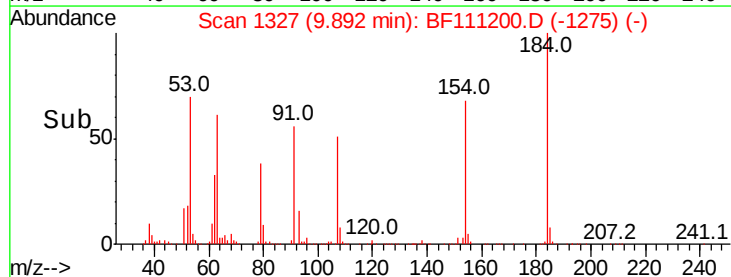
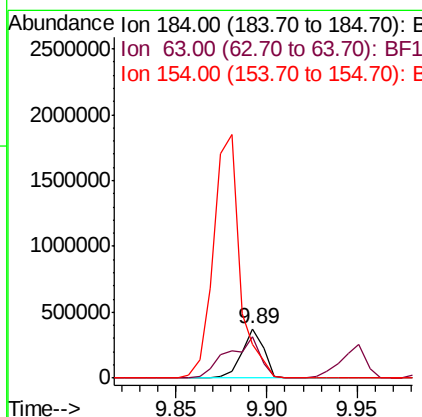
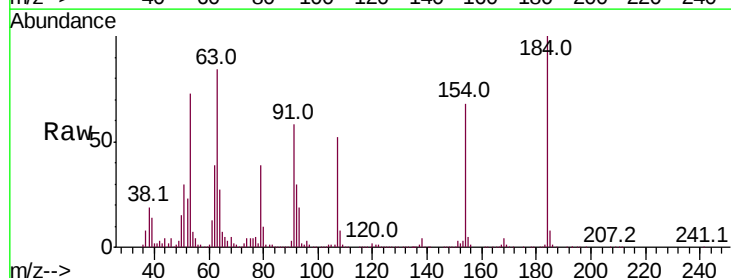
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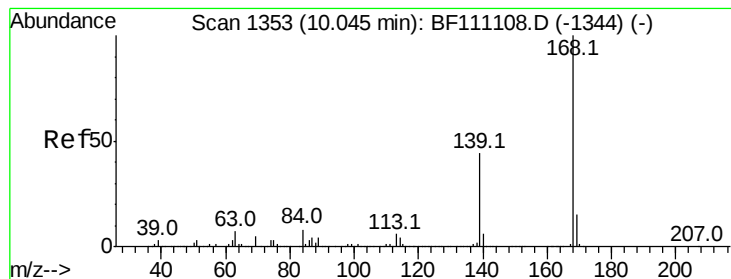
Sohil
12/11/2018 8:44:48 AM



#54
2,4-Dinitrophenol
Concen: 93.821 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF111200.D
Acq: 7 Dec 2018 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	309380		
63	84.3	64.2	96.4	
154	68.2	89.5	134.3#	





#55

Dibenzofuran

Concen: 46.016 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF111200.D

Acq: 7 Dec 2018 21:22

Instrument :

BNA_F

ClientSampleId :

SB-10(13-15)MSD

Tot Ion:168 Resp: 2591662

Ion Ratio Lower Upper

168 100

139 40.5 35.1 52.7

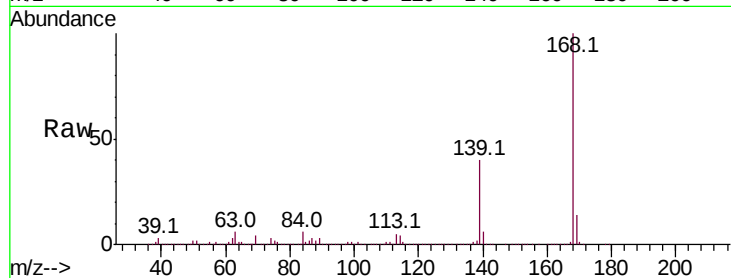
169 14.2 12.2 18.4

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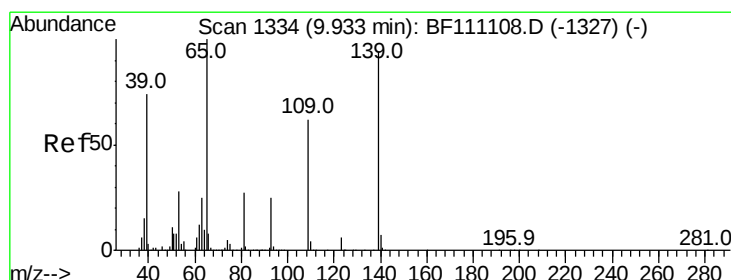
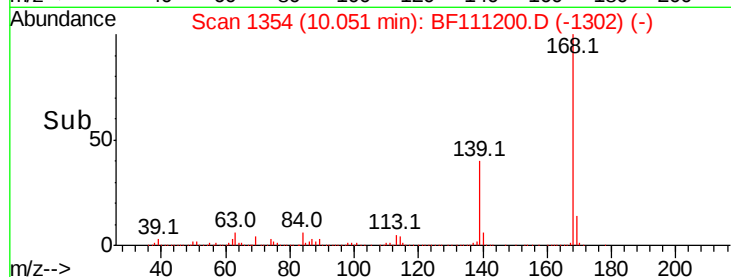
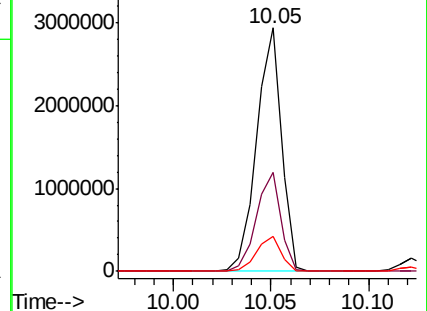
12/11/2018 8:44:48 AM



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: 88.151 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.02 min

Lab File: BF111200.D

Acq: 7 Dec 2018 21:22

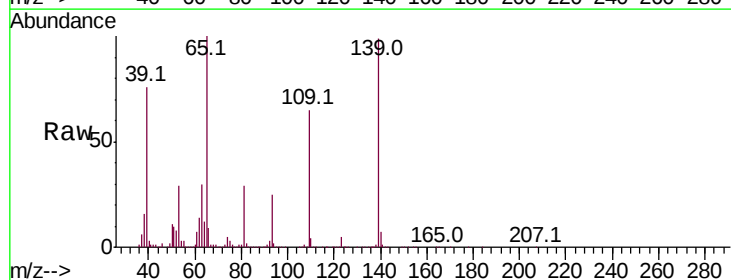
Tgt Ion:139 Resp: 857024

Ion Ratio Lower Upper

139 100

109 65.4 46.1 86.1

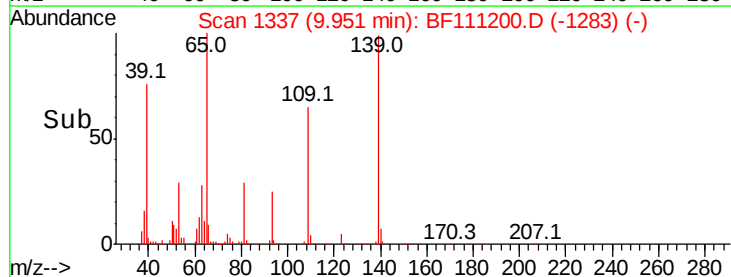
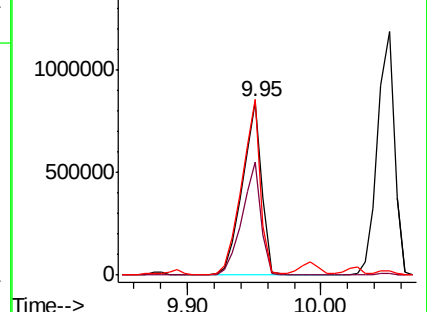
65 101.1 87.0 127.0

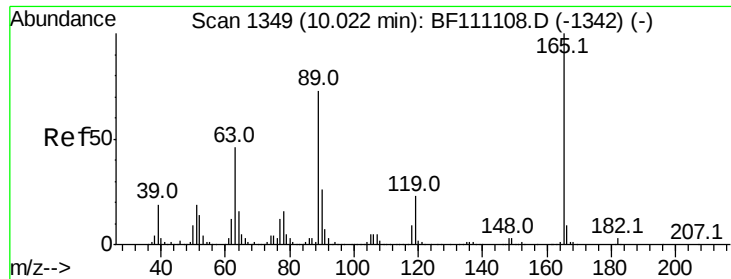


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





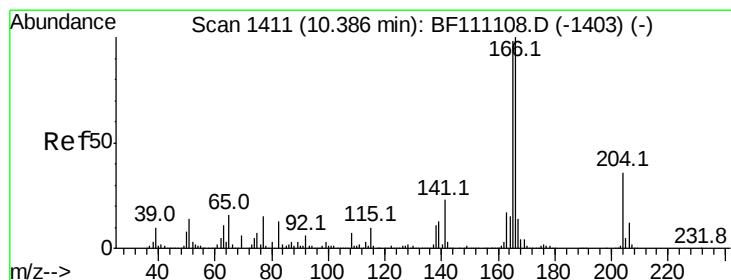
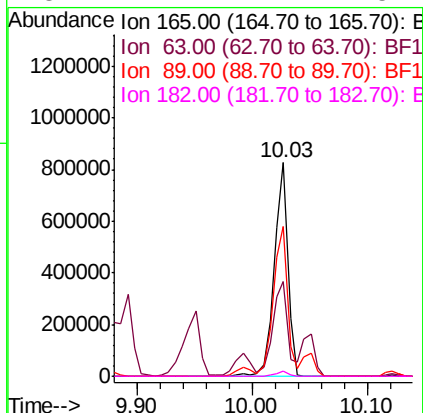
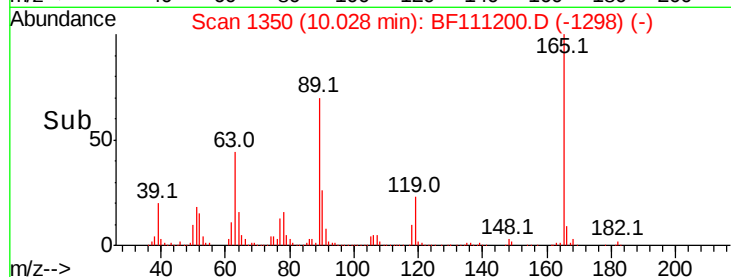
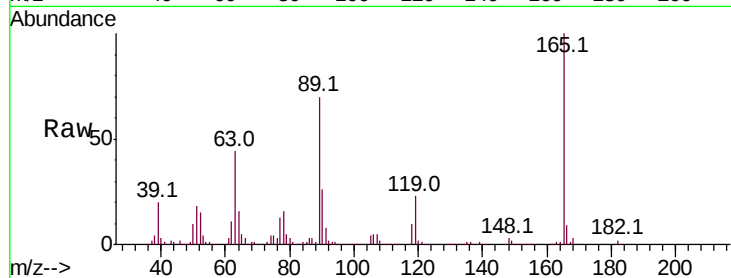
#57
2,4-Dinitrotoluene
Concen: 51.273 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF111200.D
Acq: 7 Dec 2018 21:22

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	680152		
63	44.5	36.7	55.1	
89	70.1	58.4	87.6	
182	2.4	2.1	3.1	

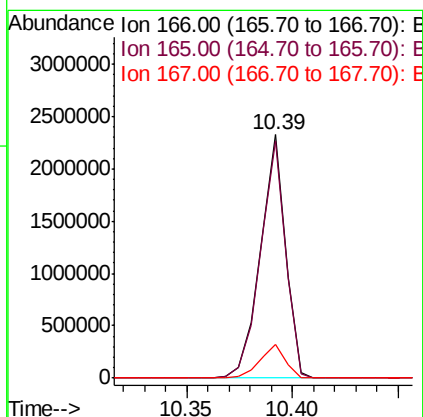
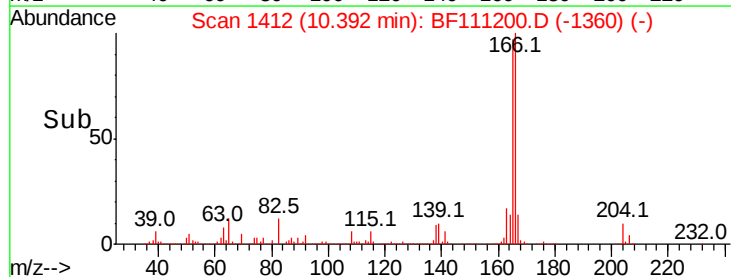
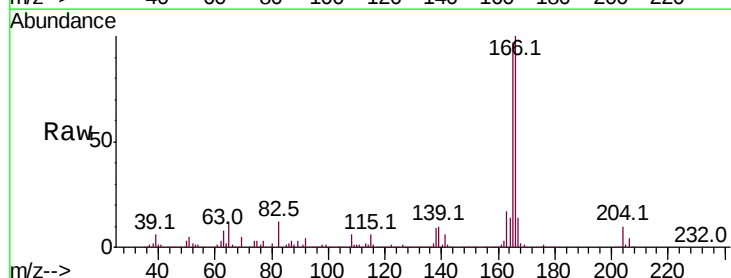
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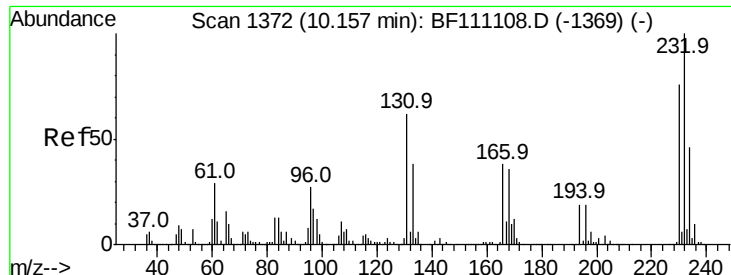
Sohil
12/11/2018 8:44:48 AM



#58
Fluorene
Concen: 48.591 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF111200.D
Acq: 7 Dec 2018 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1929853		
165	97.3	78.4	117.6	
167	13.8	11.4	17.2	





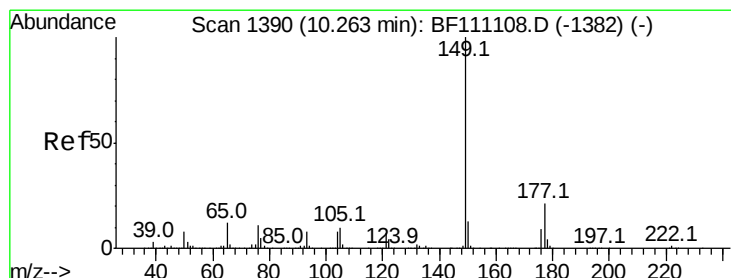
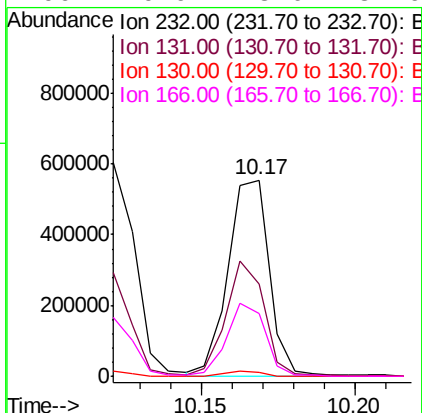
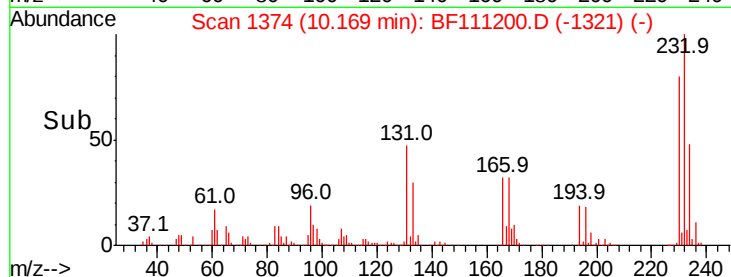
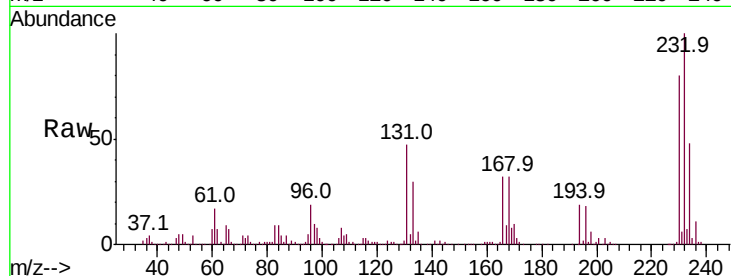
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.184 ng
RT: 10.17 min Scan# 1374
Delta R.T. 0.01 min
Lab File: BF111200.D
Acq: 7 Dec 2018 21:22

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.9	40.4	60.6
130	2.4	2.1	3.1
166	26.9	23.0	34.6

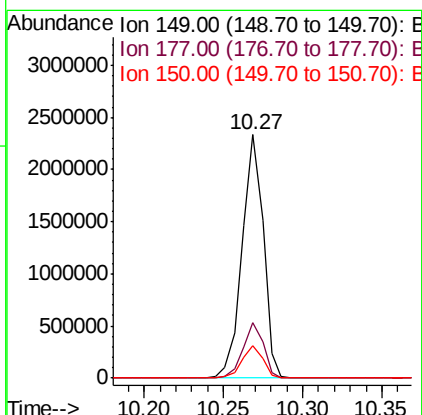
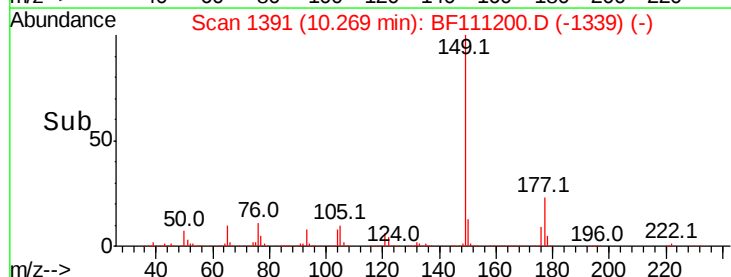
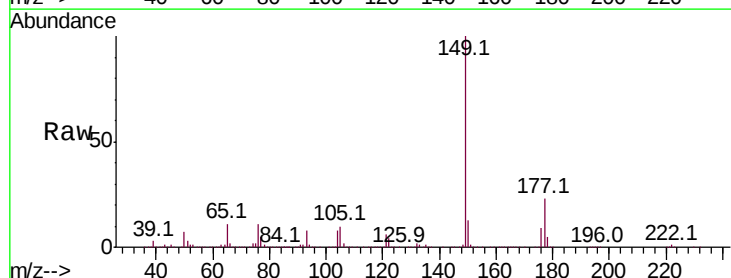
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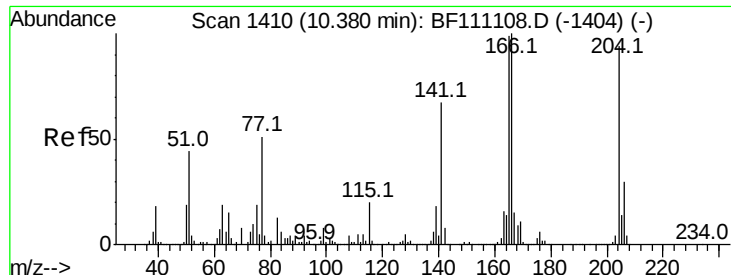
Sohil
12/11/2018 8:44:48 AM



#60
Diethylphthalate
Concen: 44.618 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF111200.D
Acq: 7 Dec 2018 21:22

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.0	25.6
150	13.1	10.5	15.7





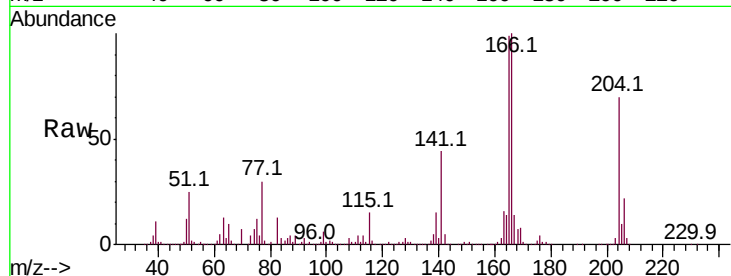
#61
4-Chlorophenyl-phenylether
Concen: 44.479 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF111200.D
Acq: 7 Dec 2018 21:22

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MSD

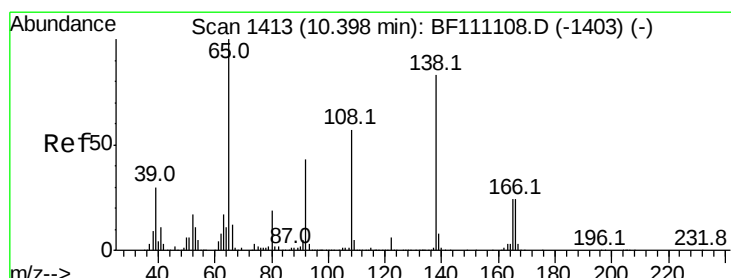
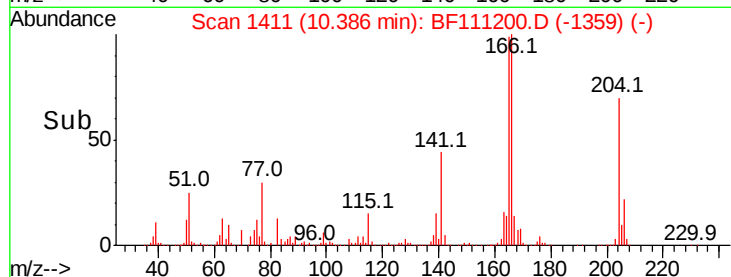
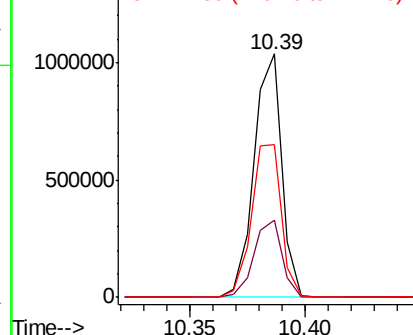
Tot Ion	Ratio	Lower	Upper
204	100		
206	31.9	25.9	38.9
141	63.0	57.4	86.0

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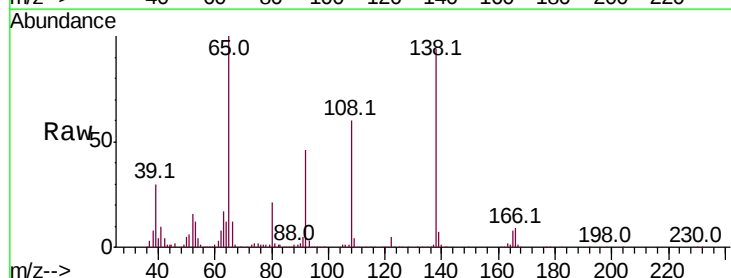


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

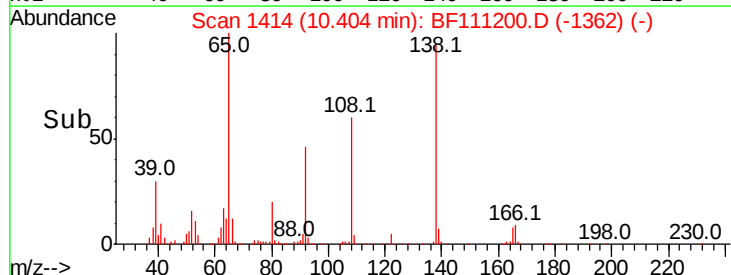
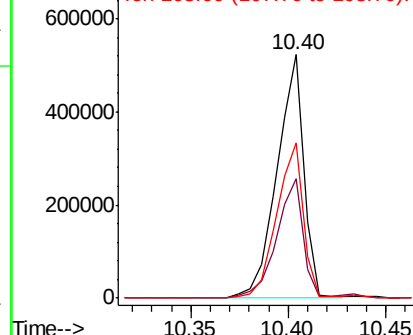


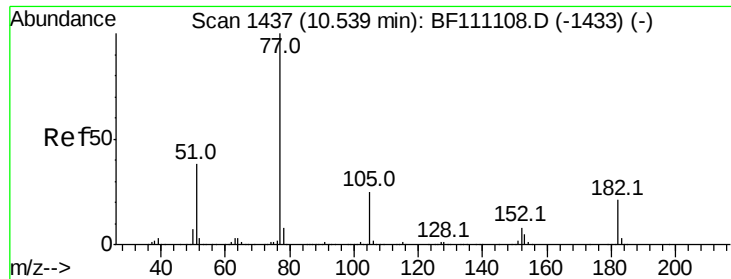
#62
4-Nitroaniline
Concen: 42.718 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF111200.D
Acq: 7 Dec 2018 21:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.2	31.6	71.6
108	63.8	48.3	88.3



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 42.588 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.01 min

Lab File: BF111200.D

Acq: 7 Dec 2018 21:22

Instrument :

BNA_F

ClientSampleId :

SB-10(13-15)MSD

Tot Ion: 77 Resp: 2195156

Ion Ratio Lower Upper

77 100

182 24.8 1.4 41.4

105 24.1 4.7 44.7

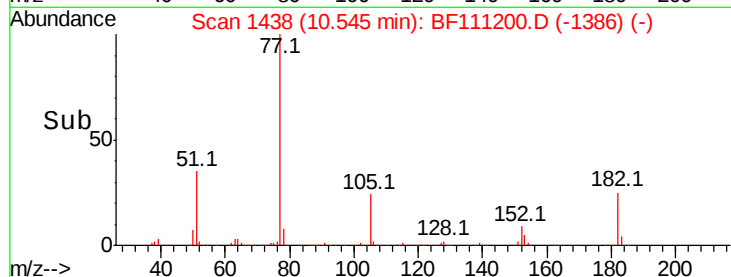
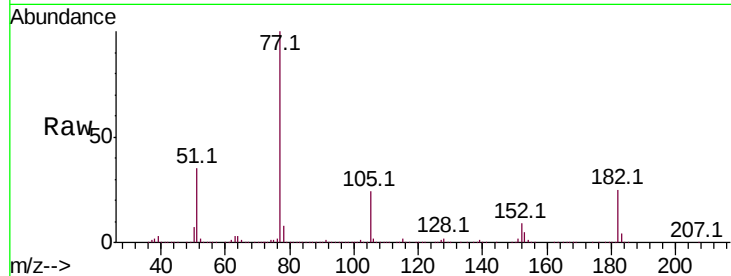
51 35.2 18.0 58.0

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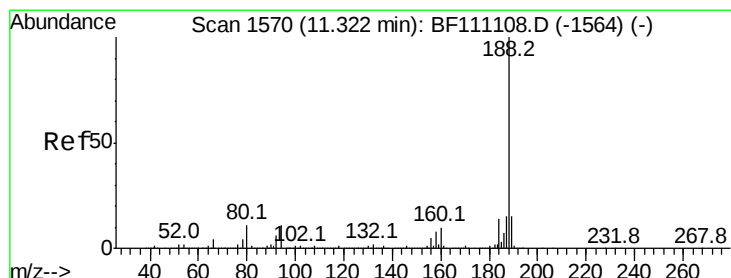
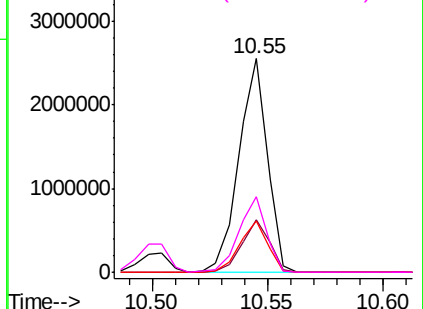


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF111200.D

Acq: 7 Dec 2018 21:22

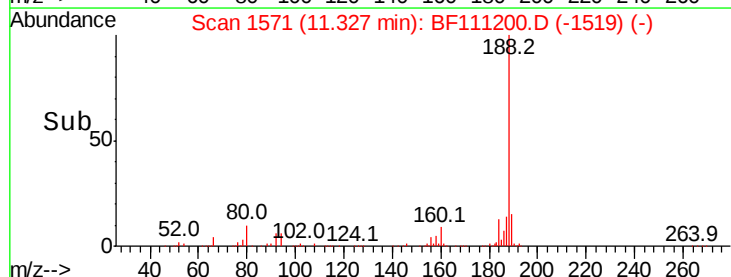
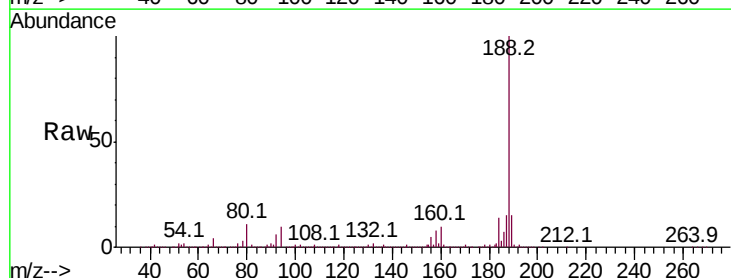
Tgt Ion: 188 Resp: 1242692

Ion Ratio Lower Upper

188 100

94 9.6 8.5 12.7

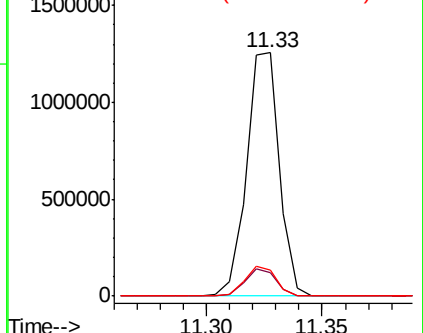
80 10.6 9.0 13.6

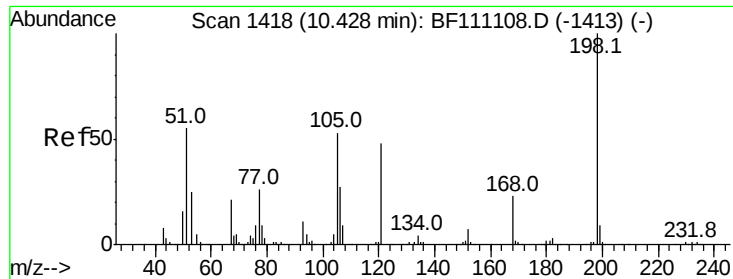


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 51.396 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.01 min

Lab File: BF111200.D

Acq: 7 Dec 2018 21:22

Instrument :

BNA_F

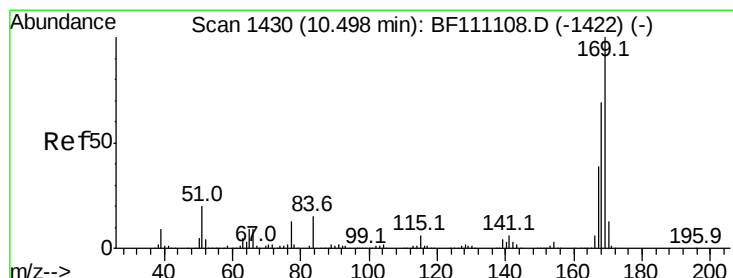
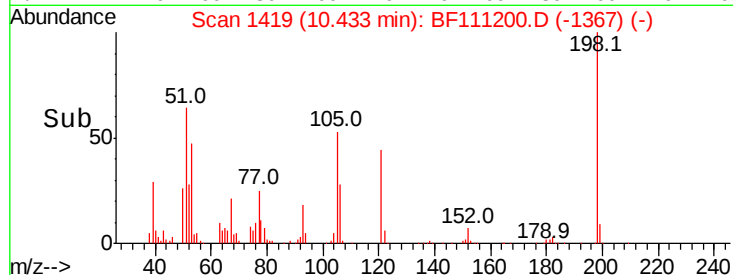
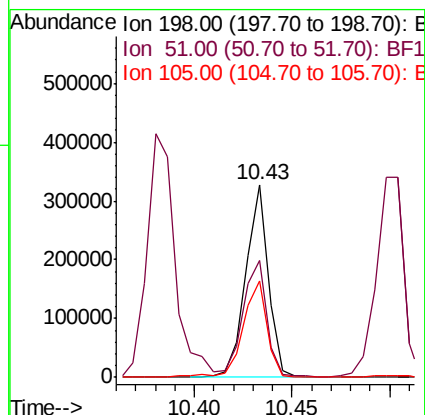
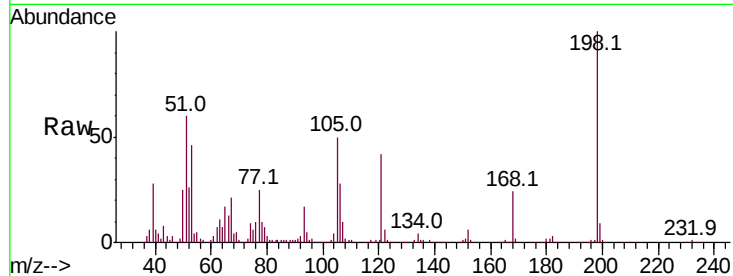
ClientSampleId :

SB-10(13-15)MSD

Tot Ion:	198	Resp:	263866
Ion Ratio	Lower	Upper	
198	100		
51	60.4	48.8	88.8
105	49.9	35.2	75.2

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#66

n-Nitrosodiphenylamine

Concen: 41.248 ng

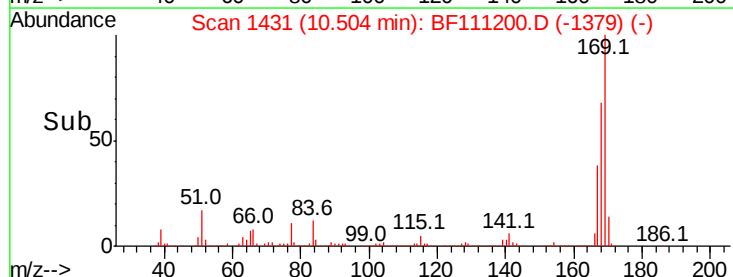
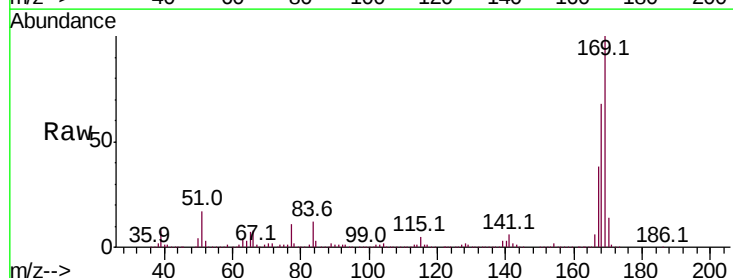
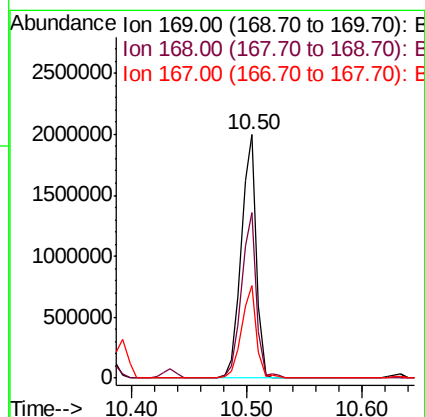
RT: 10.50 min Scan# 1431

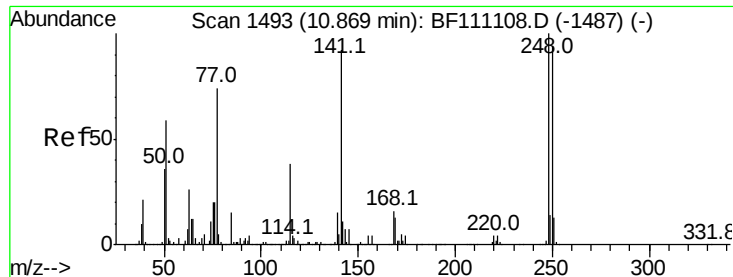
Delta R.T. 0.01 min

Lab File: BF111200.D

Acq: 7 Dec 2018 21:22

Tgt Ion:	169	Resp:	1794848
Ion Ratio	Lower	Upper	
169	100		
168	68.0	55.4	83.2
167	38.3	31.1	46.7





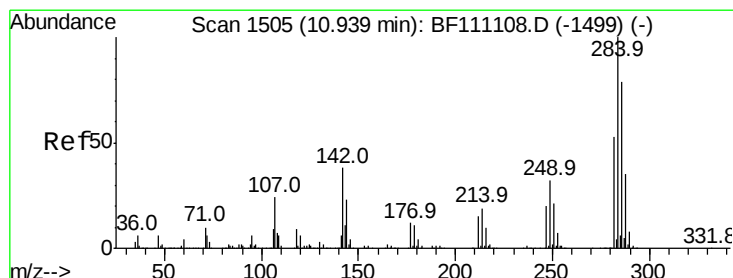
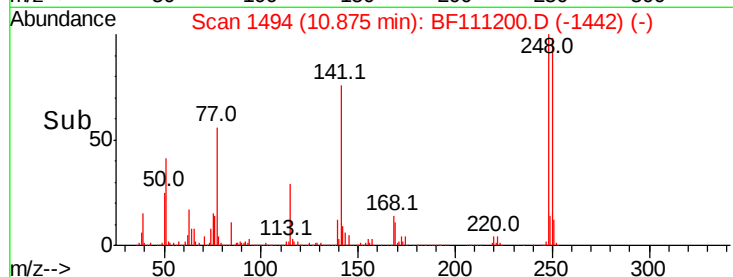
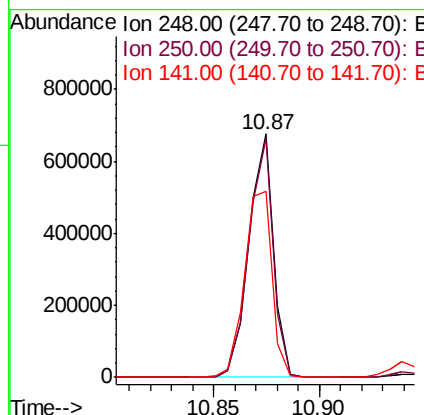
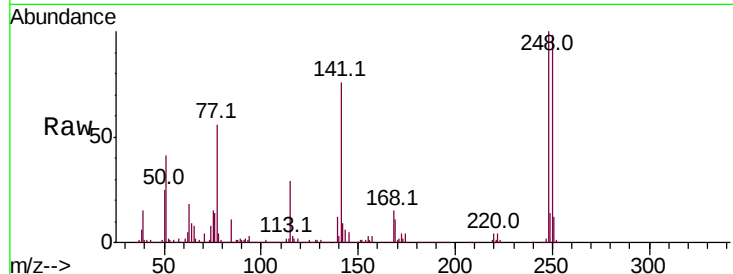
#67
4-Bromophenyl-phenylether
Concen: 41.770 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF111200.D
Acq: 7 Dec 2018 21:22

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	75.4	113.0
141	76.3	73.8	110.6

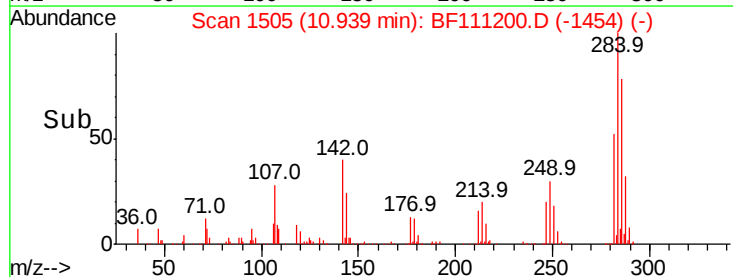
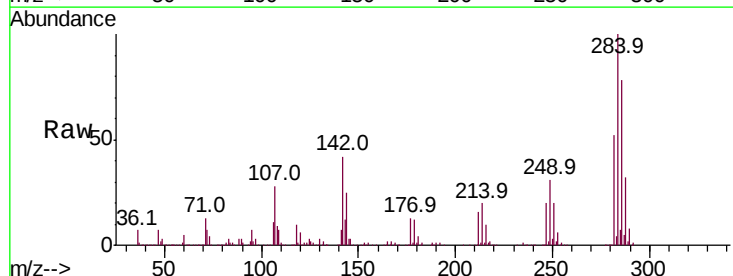
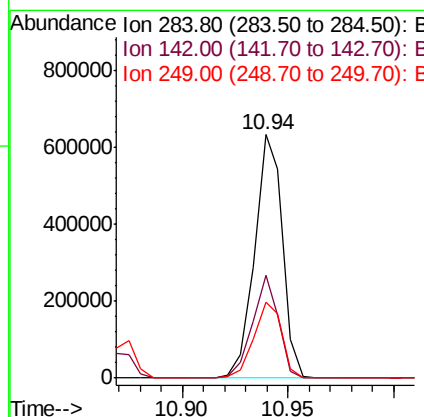
Manual Integrations
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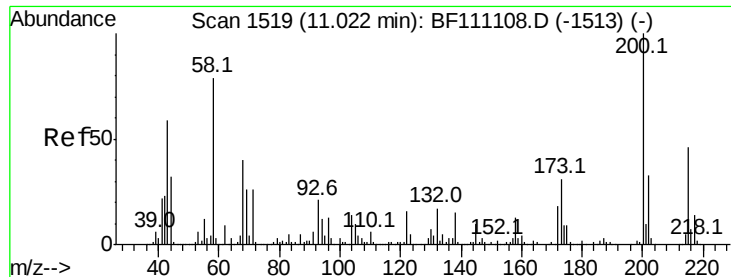
Sohil
12/11/2018 8:44:48 AM



#68
Hexachlorobenzene
Concen: 42.892 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF111200.D
Acq: 7 Dec 2018 21:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	42.1	30.2	45.2
249	30.9	25.3	37.9





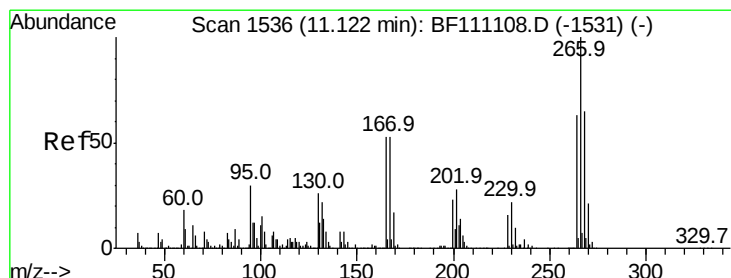
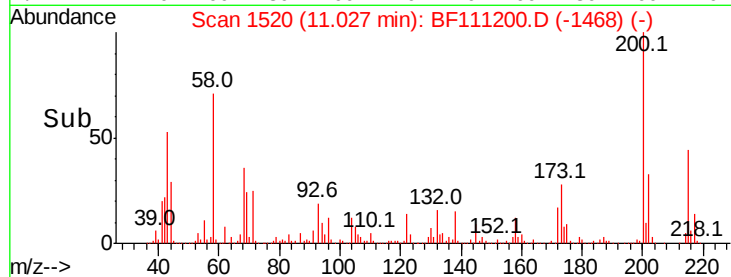
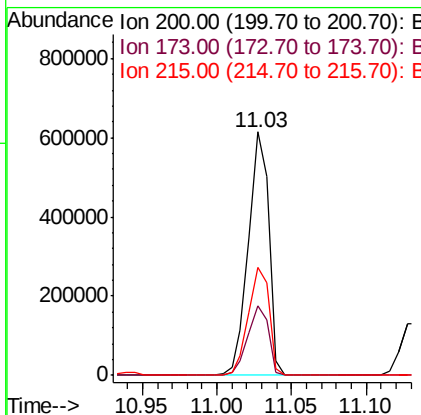
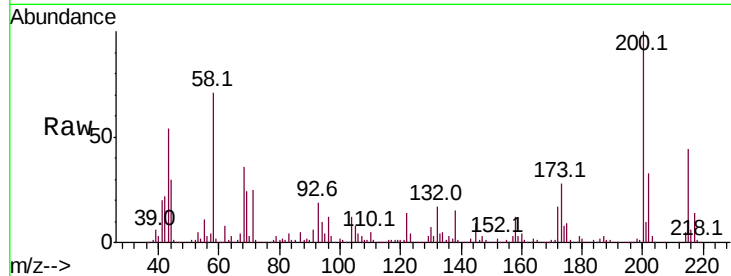
#69
 Atrazine
 Concen: Below Cal
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.01 min
 Lab File: BF111200.D
 Acq: 7 Dec 2018 21:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(13-15)MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.5	11.3	51.3
215	44.2	25.9	65.9

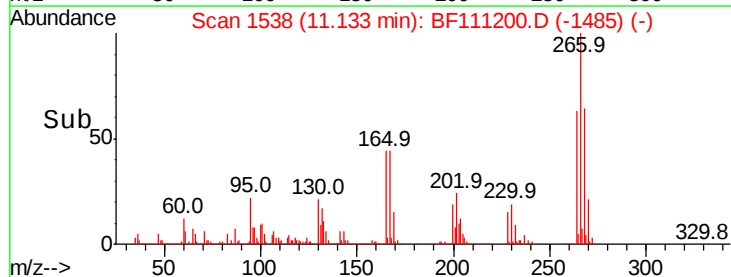
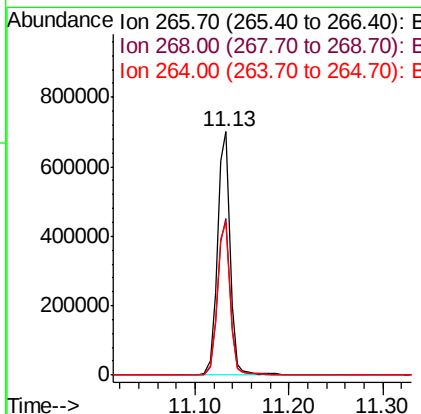
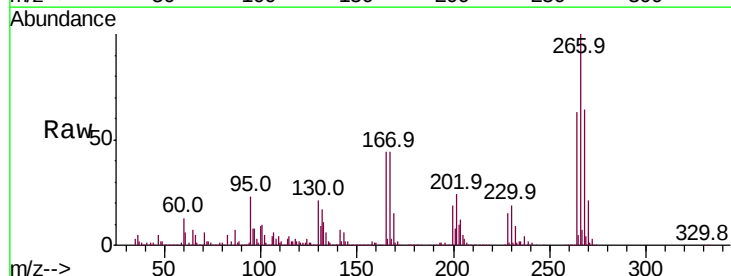
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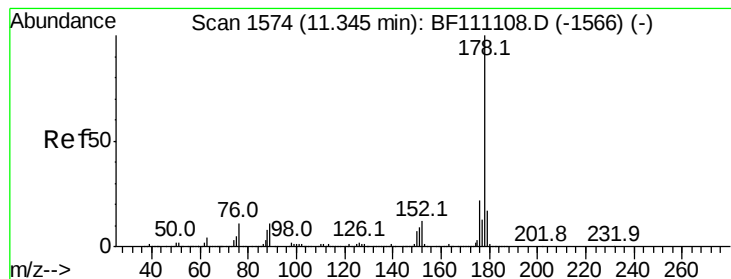
Sohil
 12/11/2018 8:44:48 AM



#70
 Pentachlorophenol
 Concen: 75.688 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BF111200.D
 Acq: 7 Dec 2018 21:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	52.2	78.4
264	63.0	50.8	76.2





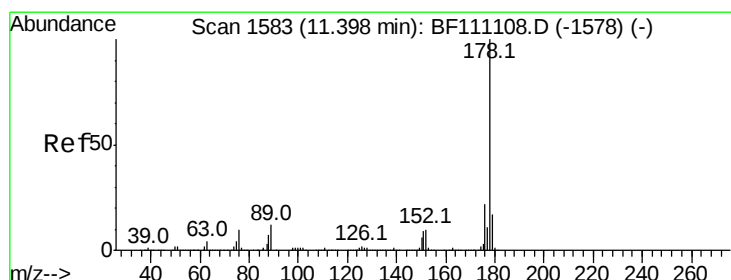
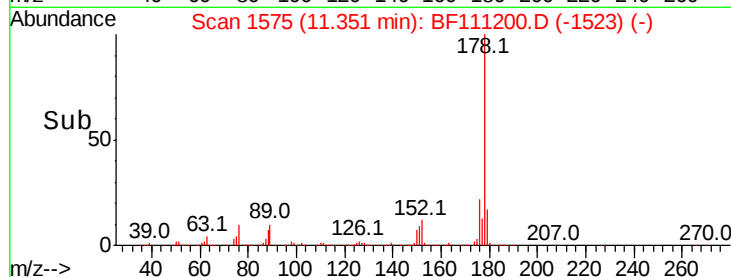
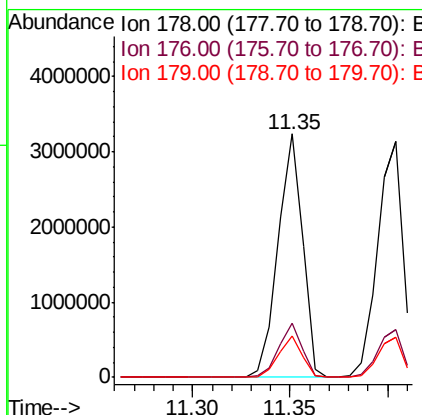
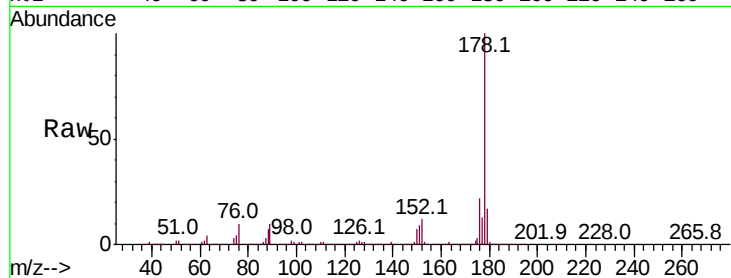
#71
Phenanthrene
Concen: 47.110 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF111200.D
Acq: 7 Dec 2018 21:22

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MSD

Tot Ion:178 Resp: 2816031
Ion Ratio Lower Upper
178 100
176 22.2 17.7 26.5
179 17.2 14.0 21.0

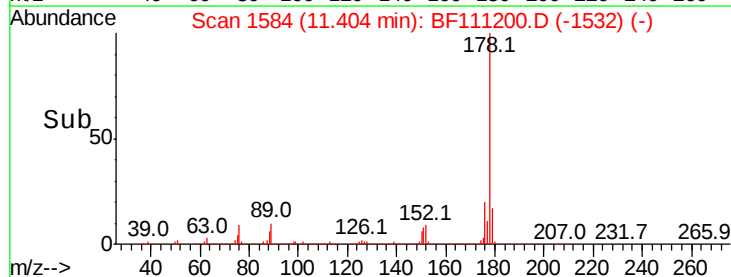
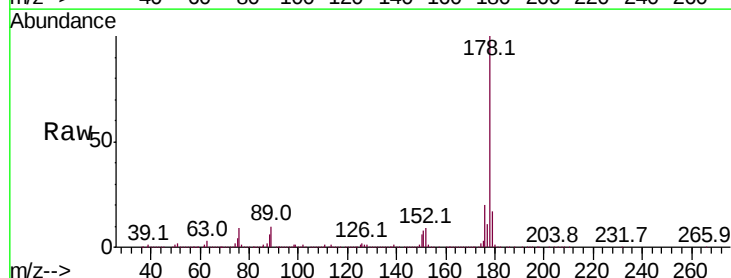
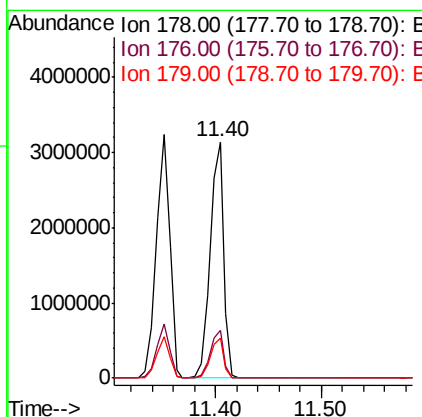
Manual Integrations
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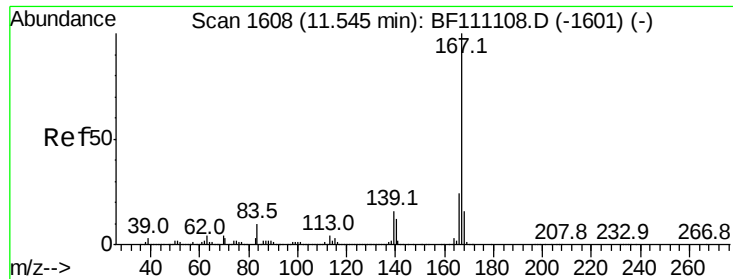
Sohil
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#72
Anthracene
Concen: 46.932 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF111200.D
Acq: 7 Dec 2018 21:22

Tgt Ion:178 Resp: 2827816
Ion Ratio Lower Upper
178 100
176 20.5 17.3 25.9
179 16.8 13.8 20.8





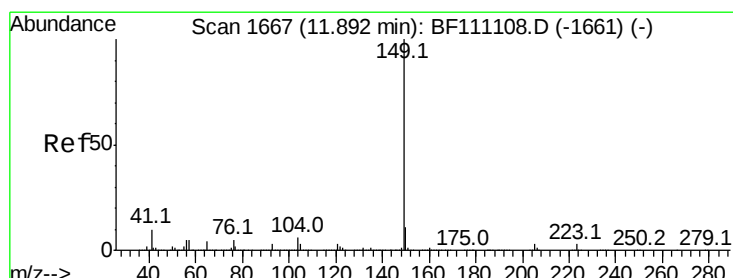
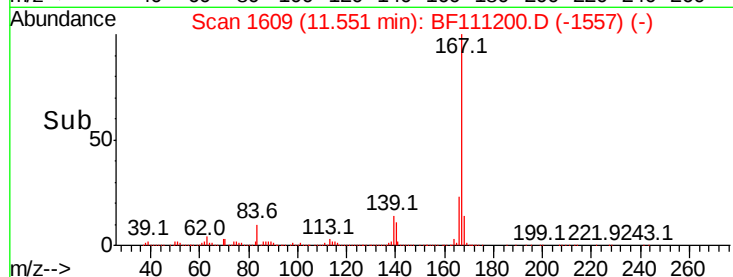
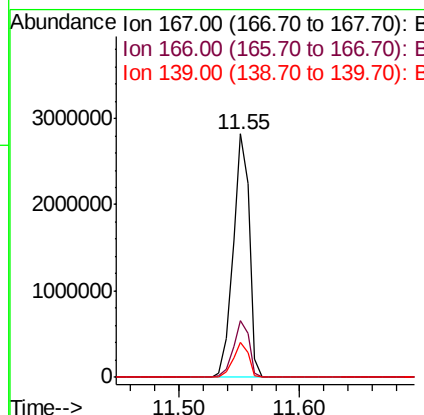
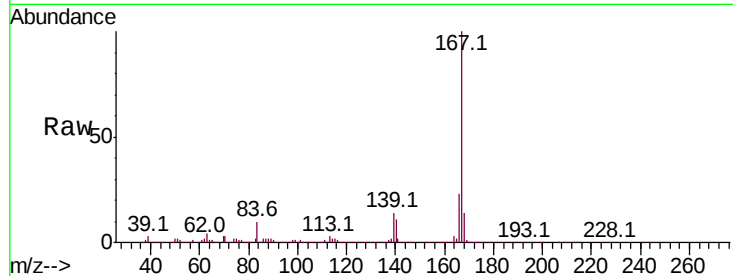
#73
 Carbazole
 Concen: 41.780 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111200.D
 Acq: 7 Dec 2018 21:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(13-15)MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.3	19.4	29.0
139	14.3	12.6	18.8

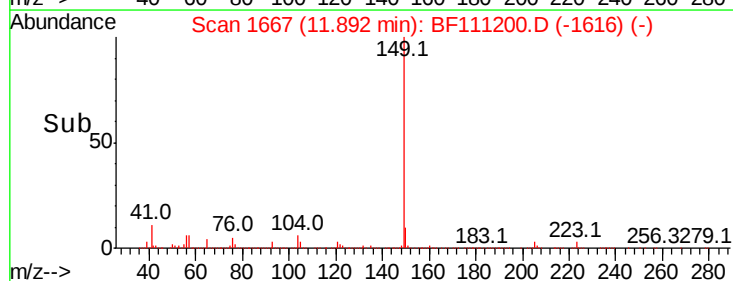
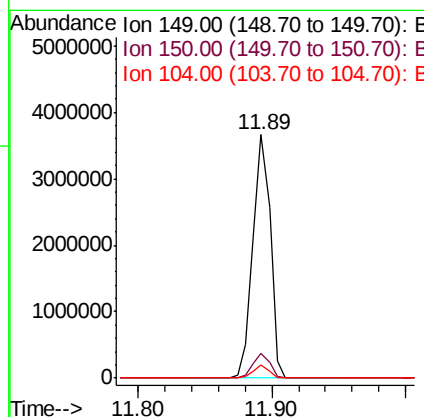
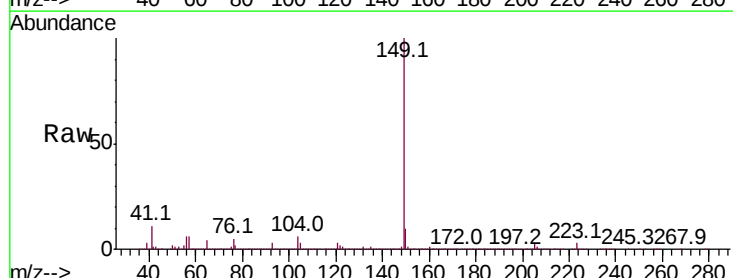
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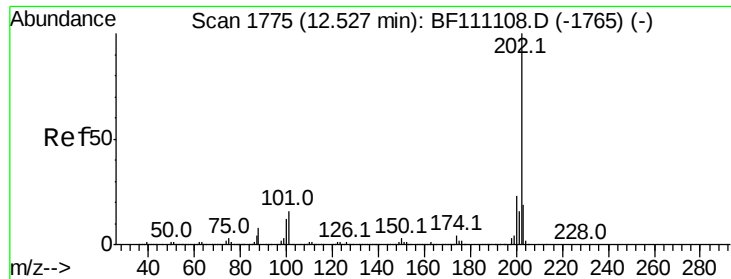
Sohil
 12/11/2018 8:44:48 AM



#74
 Di-n-butylphthalate
 Concen: 44.184 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BF111200.D
 Acq: 7 Dec 2018 21:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.6	12.8
104	5.5	4.5	6.7





#75

Fluoranthene

Concen: 45.944 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.01 min

Lab File: BF111200.D

Acq: 7 Dec 2018 21:22

Instrument :

BNA_F

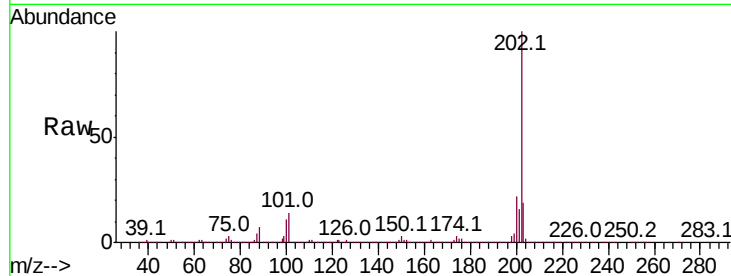
ClientSampleId :

SB-10(13-15)MSD

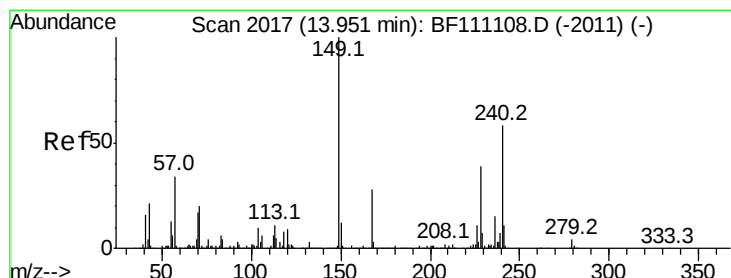
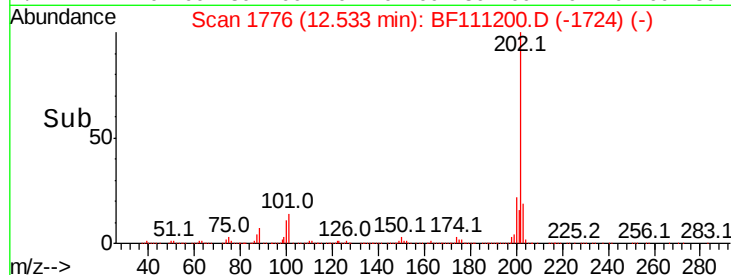
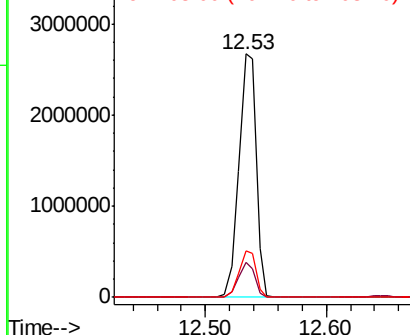
Tot Ion:	202	Resp:	2687368
Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	35.8
203	19.0	0.0	38.6

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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

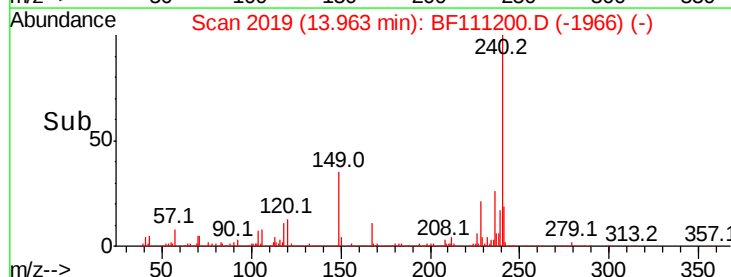
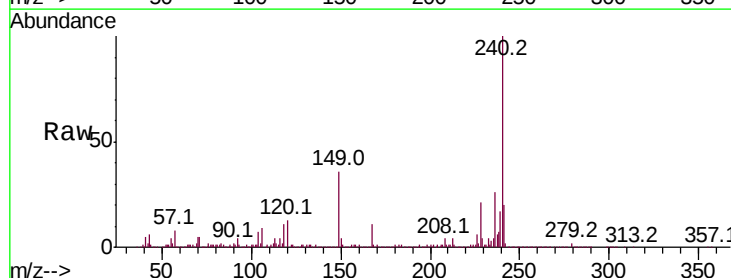
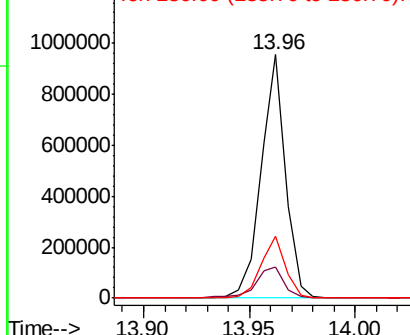
Delta R.T. 0.01 min

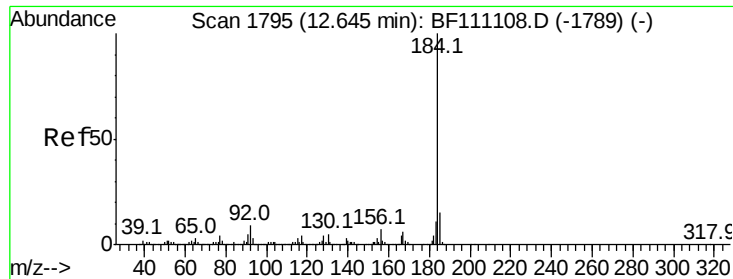
Lab File: BF111200.D

Acq: 7 Dec 2018 21:22

Tgt Ion:	240	Resp:	760361
Ion	Ratio	Lower	Upper
240	100		
120	12.8	12.8	19.2
236	25.6	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: 19.338 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF111200.D

Acq: 7 Dec 2018 21:22

Instrument :

BNA_F

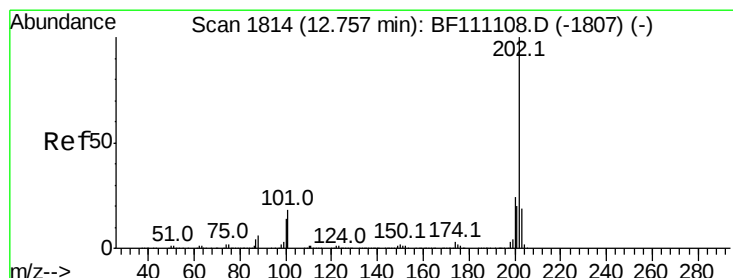
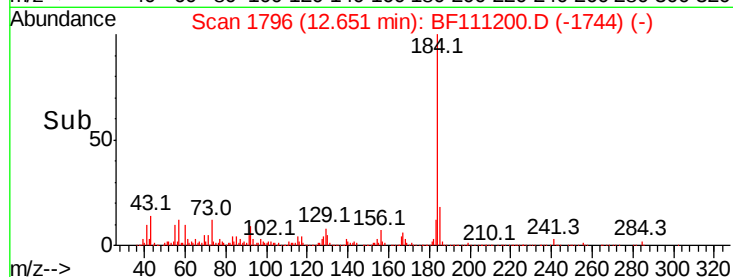
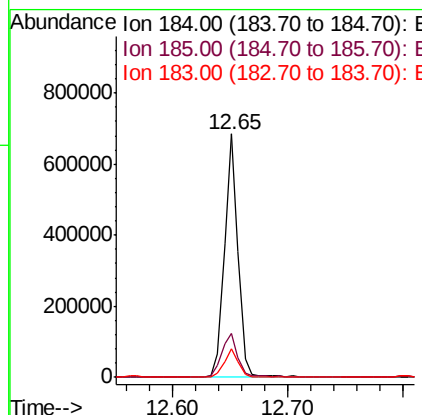
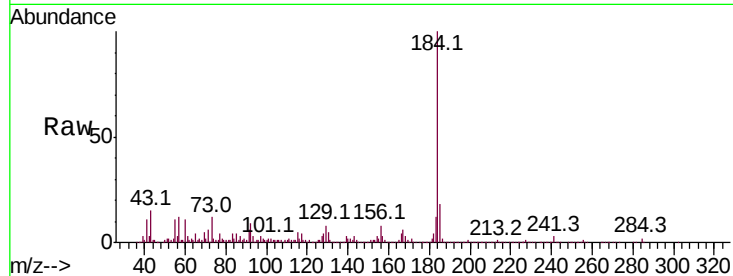
ClientSampleId :

SB-10(13-15)MSD

Tot Ion:	184	Resp:	559353
Ion Ratio	Lower	Upper	
184	100		
185	17.9	12.0	18.0
183	12.0	8.9	13.3

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#78

Pyrene

Concen: 44.213 ng

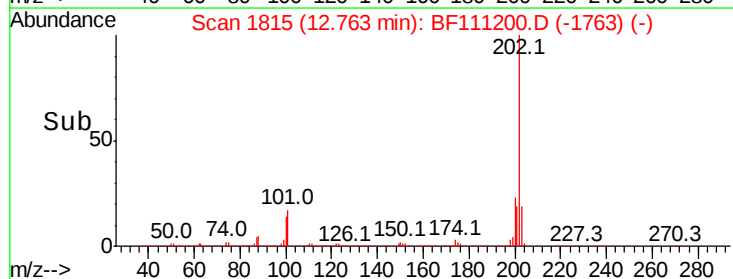
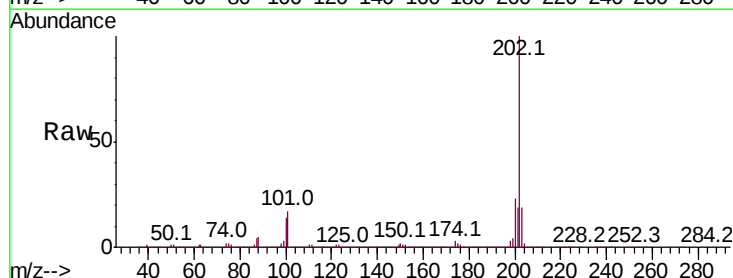
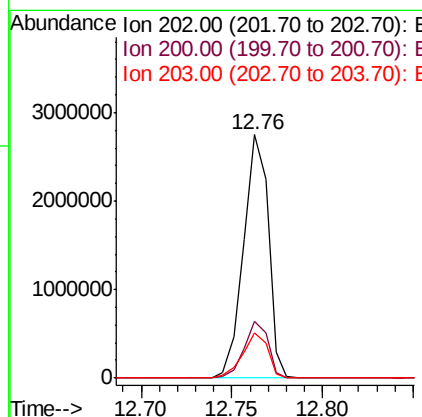
RT: 12.76 min Scan# 1815

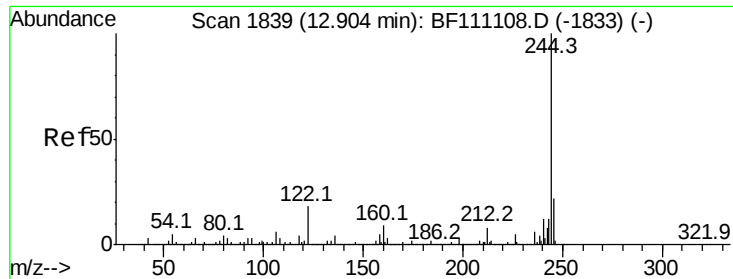
Delta R.T. 0.01 min

Lab File: BF111200.D

Acq: 7 Dec 2018 21:22

Tgt Ion:	202	Resp:	2619078
Ion Ratio	Lower	Upper	
202	100		
200	23.4	19.3	28.9
203	18.8	15.4	23.2





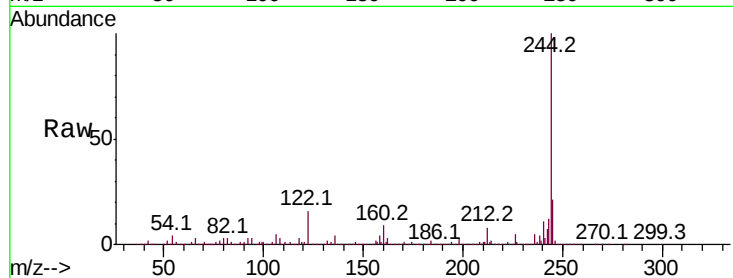
#79
Terphenyl-d14
Concen: 78.086 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF111200.D
Acq: 7 Dec 2018 21:22

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MSD

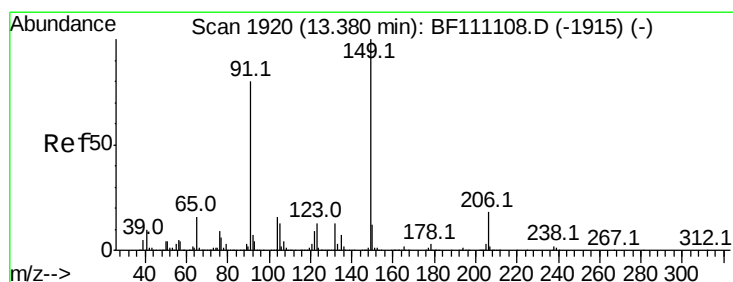
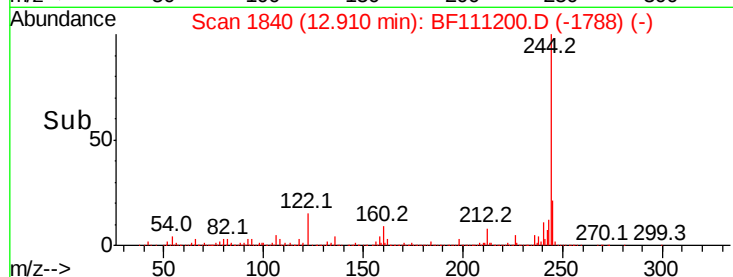
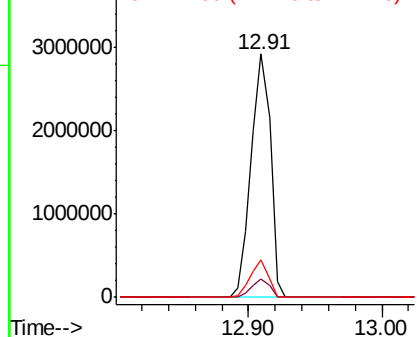
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.6	9.8
122	15.5	14.2	21.2

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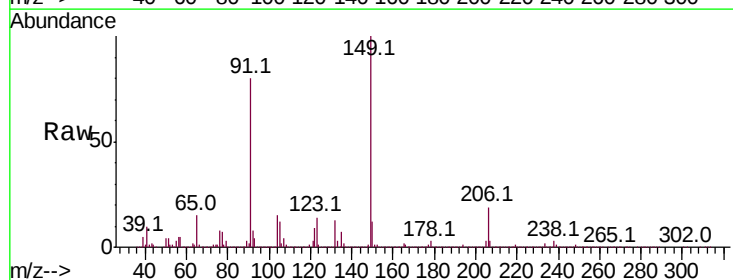


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

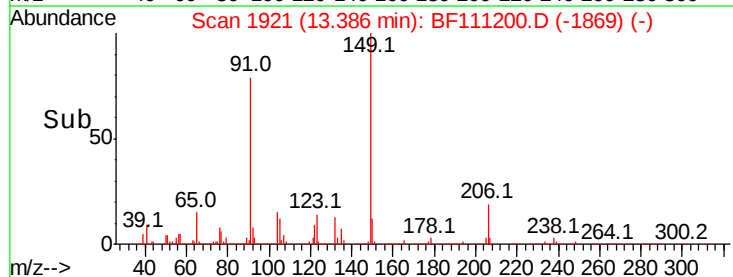
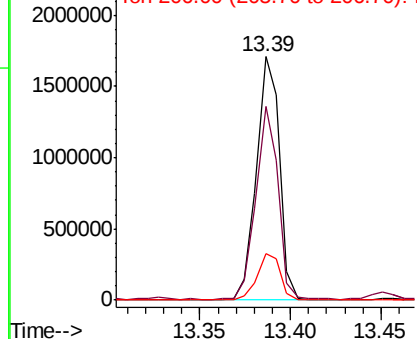


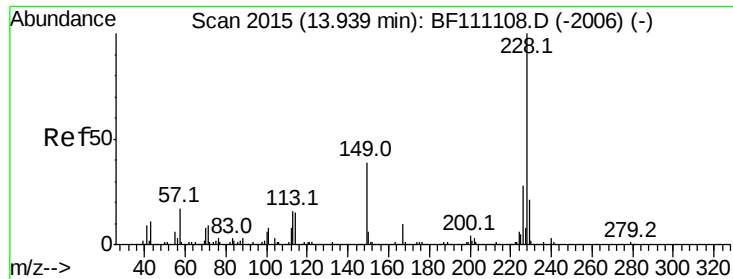
#80
Butylbenzylphthalate
Concen: 52.482 ng
RT: 13.39 min Scan# 1921
Delta R.T. 0.01 min
Lab File: BF111200.D
Acq: 7 Dec 2018 21:22

Tgt Ion	Ratio	Lower	Upper
149	100		
91	79.6	64.0	96.0
206	19.1	14.1	21.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.106 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF111200.D

Acq: 7 Dec 2018 21:22

Instrument :

BNA_F

ClientSampleId :

SB-10(13-15)MSD

Tot Ion:228 Resp: 1964921

Ion Ratio Lower Upper

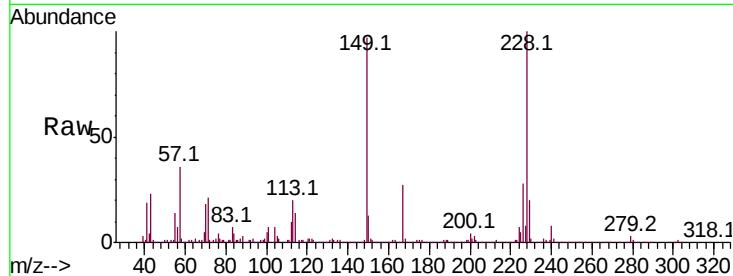
228 100

226 27.9 22.6 34.0

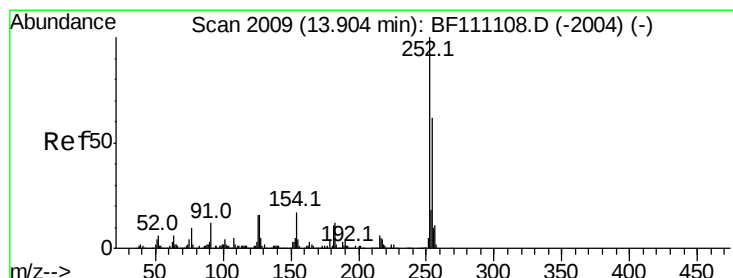
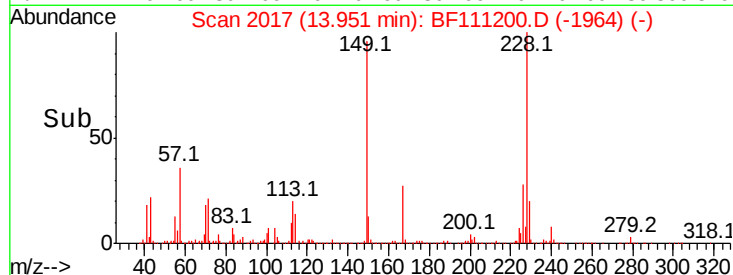
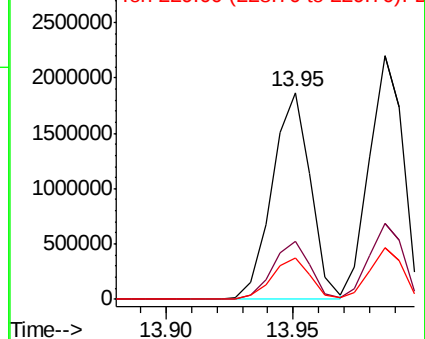
229 20.3 16.7 25.1

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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: 13.635 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF111200.D

Acq: 7 Dec 2018 21:22

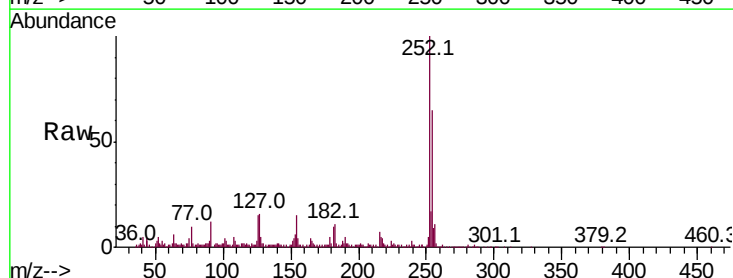
Tgt Ion:252 Resp: 229237

Ion Ratio Lower Upper

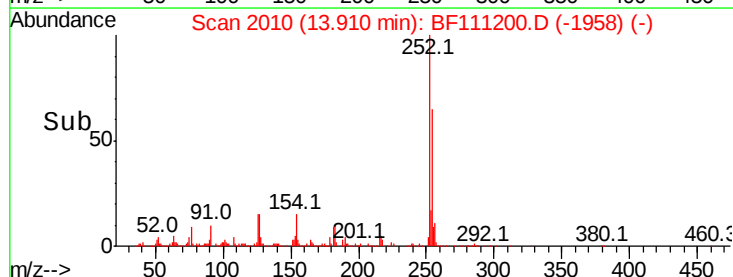
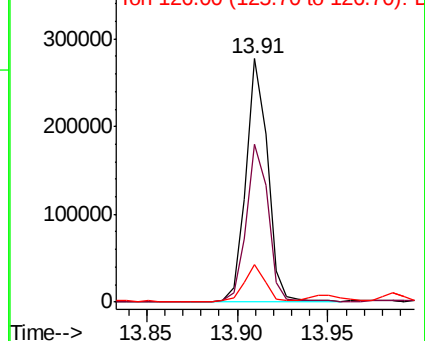
252 100

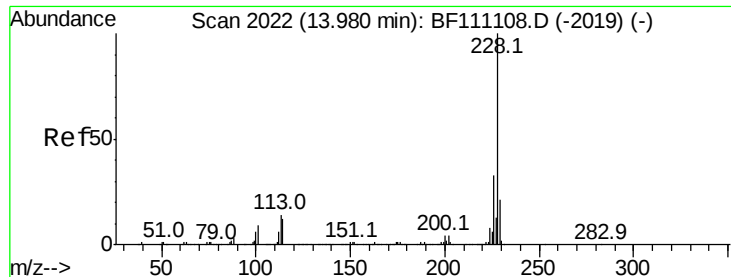
254 64.8 49.8 74.8

126 15.4 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





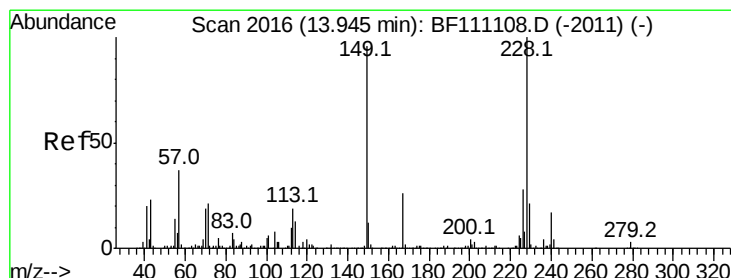
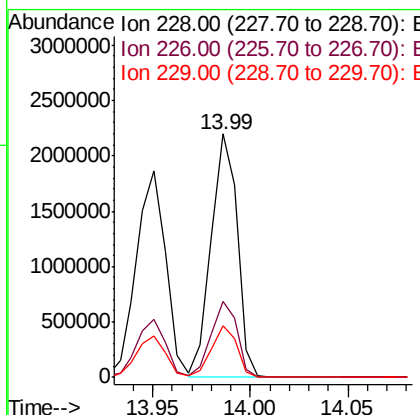
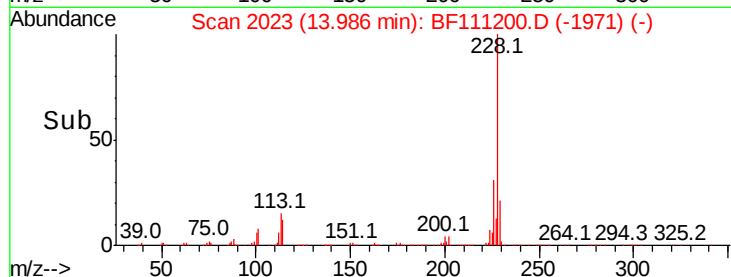
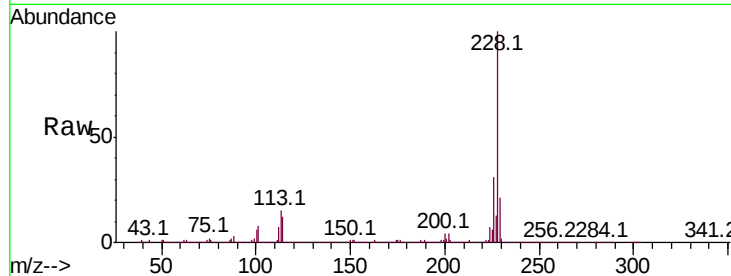
#83
 Chrysene
 Concen: 46.111 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF111200.D
 Acq: 7 Dec 2018 21:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(13-15)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	26.2	39.2
229	21.0	16.9	25.3

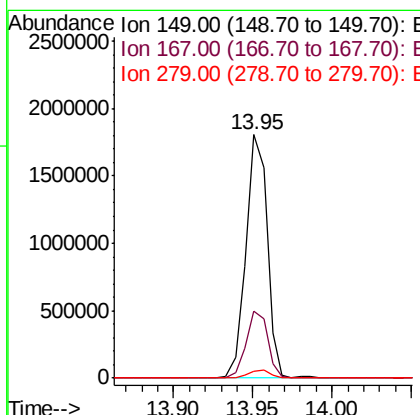
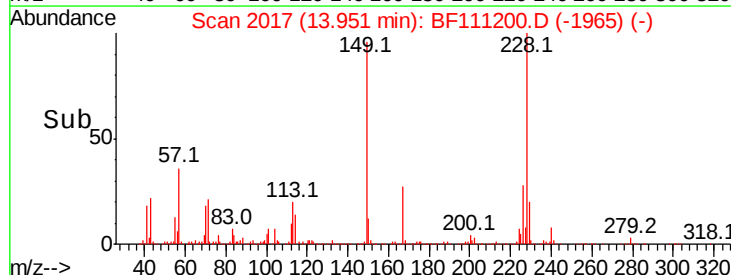
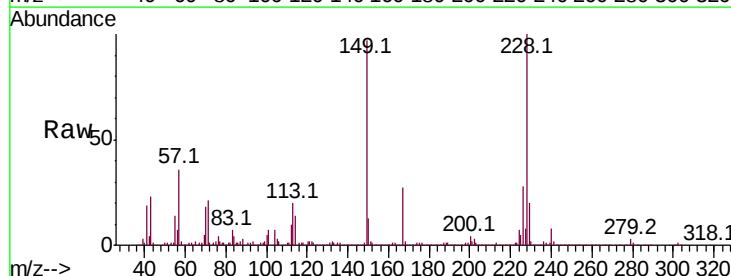
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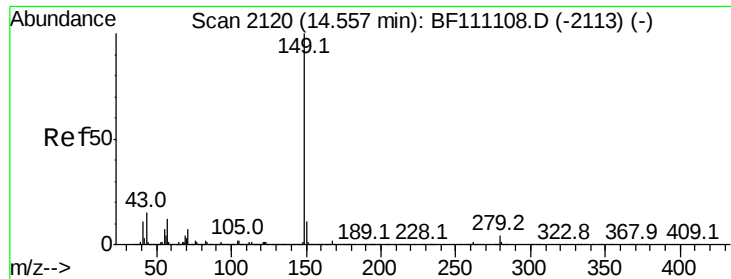
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.416 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF111200.D
 Acq: 7 Dec 2018 21:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.6	32.4
279	3.0	2.3	3.5





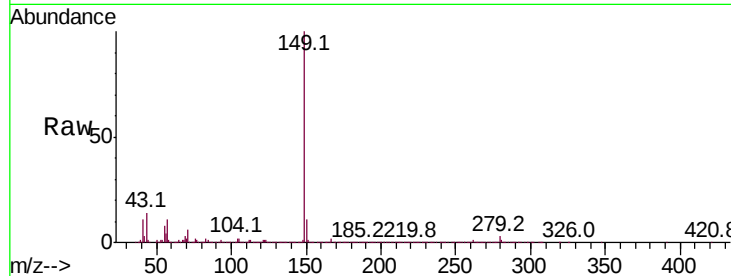
#85
Di-n-octyl phthalate
Concen: 45.729 ng
RT: 14.56 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BF111200.D
Acq: 7 Dec 2018 21:22

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	13.4	11.9	17.9

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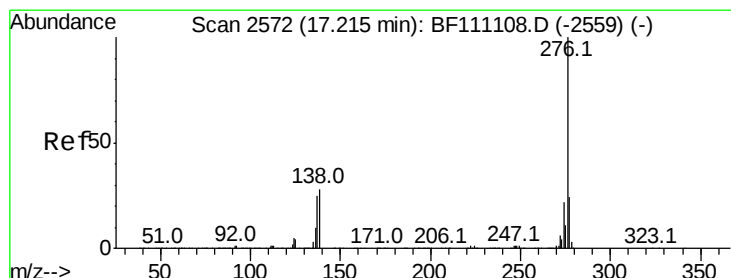
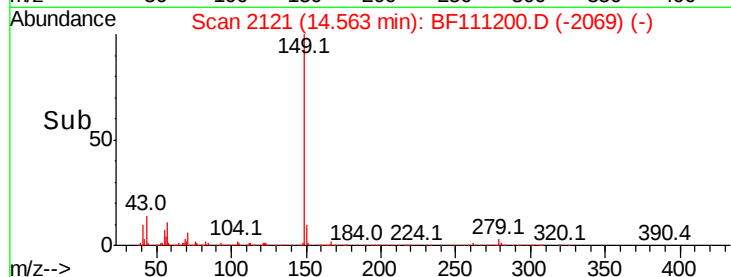
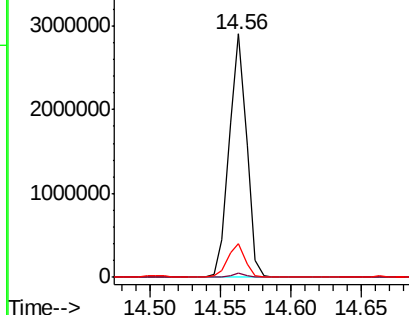


Abundance

Ion 149.00 (148.70 to 149.70): E

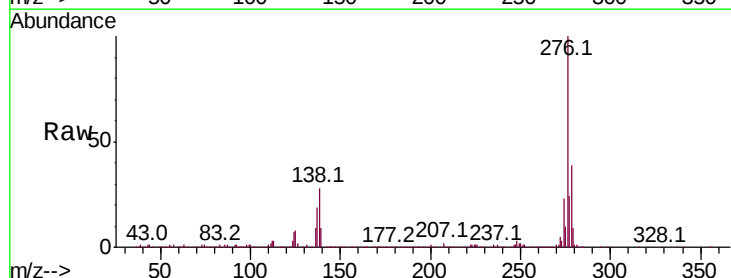
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 61.656 ng
RT: 16.82 min Scan# 2504
Delta R.T. 0.03 min
Lab File: BF111200.D
Acq: 7 Dec 2018 21:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.4	20.2	30.4#
277	24.9	15.8	23.6#

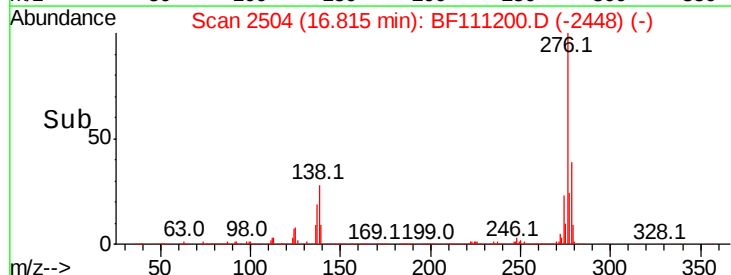
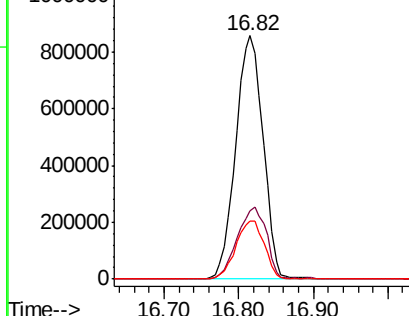


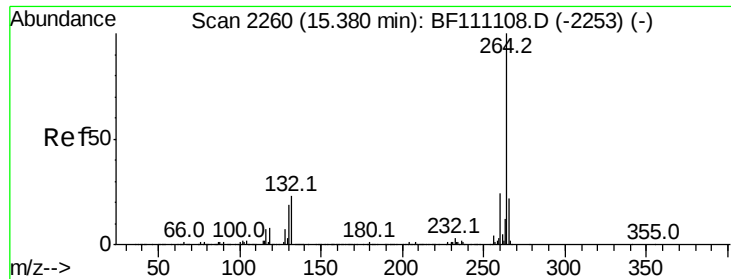
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





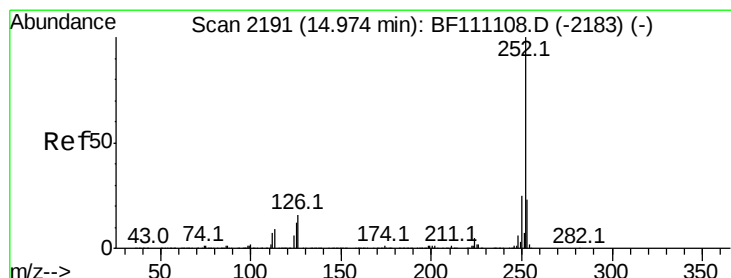
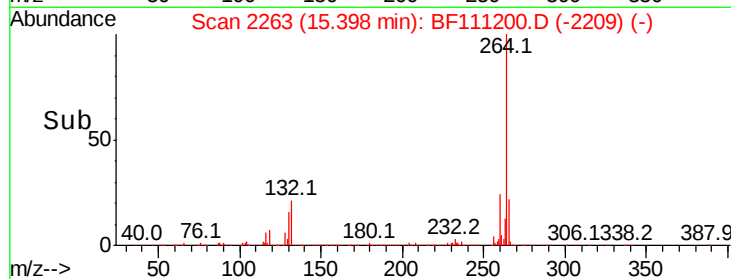
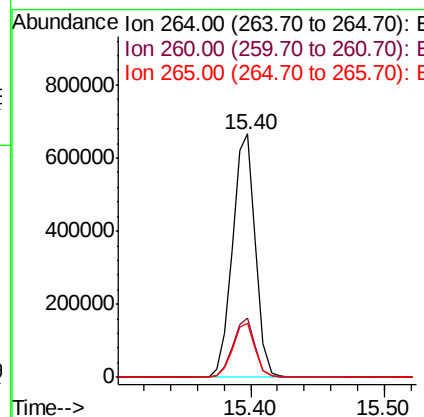
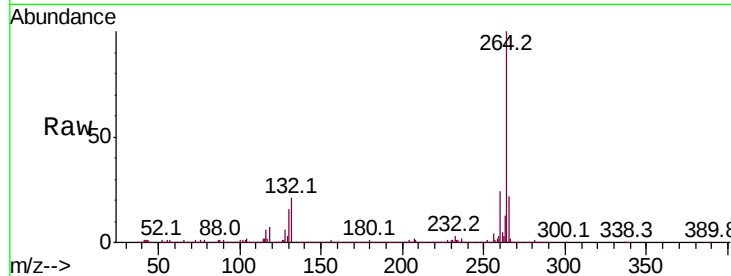
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.02 min
Lab File: BF111200.D
Acq: 7 Dec 2018 21:22

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	22.1	17.4	26.0

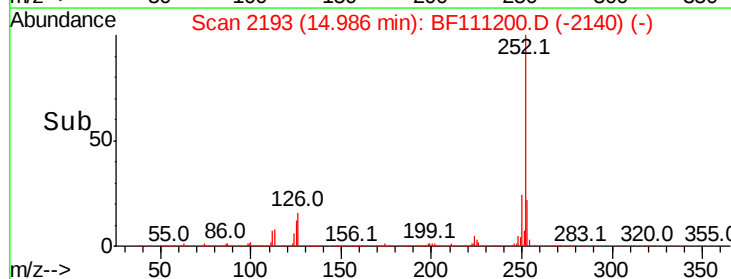
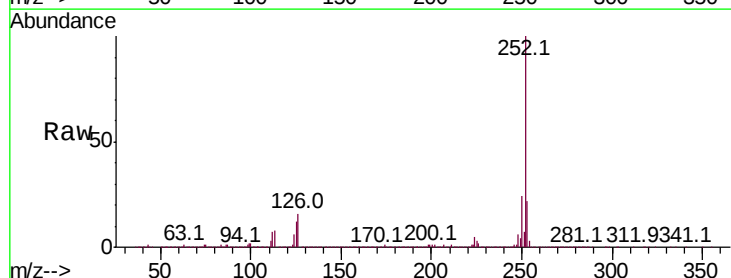
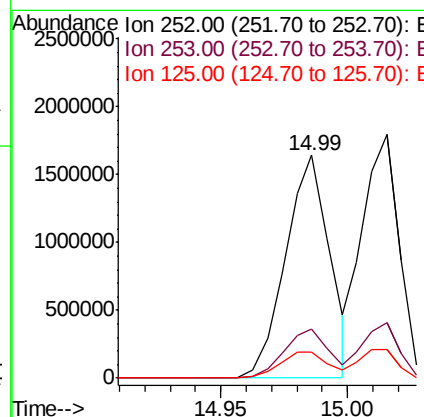
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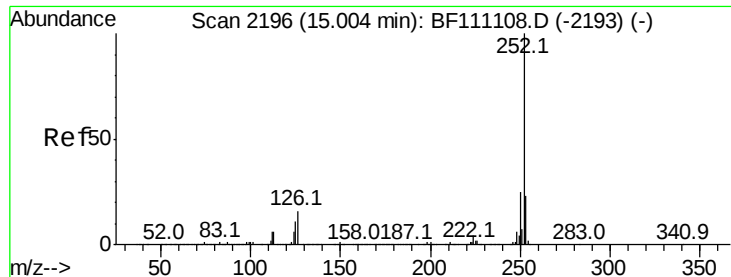
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#88
Benzo(b)fluoranthene
Concen: 43.813 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BF111200.D
Acq: 7 Dec 2018 21:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.5	27.7
125	11.9	9.9	14.9





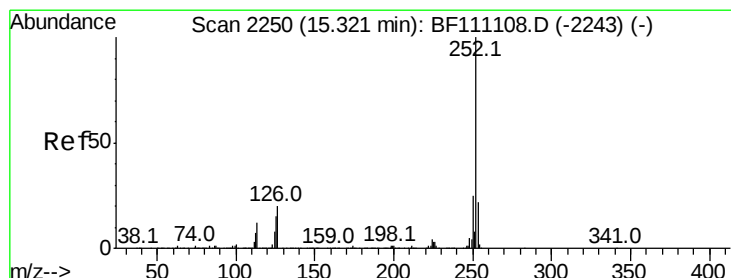
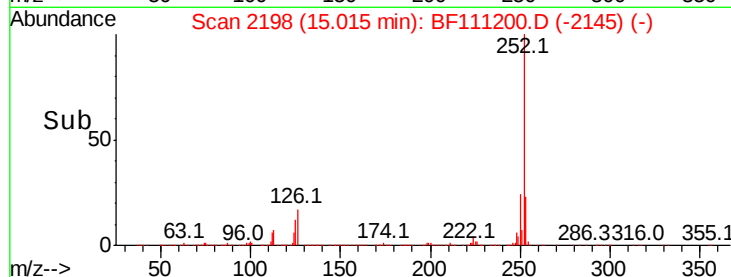
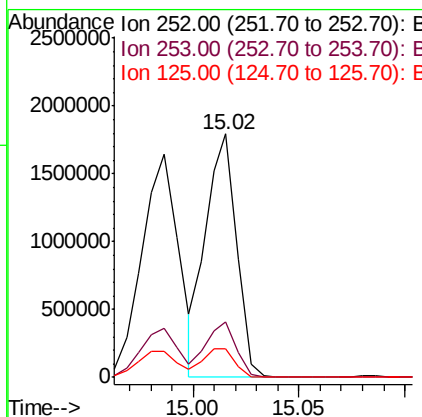
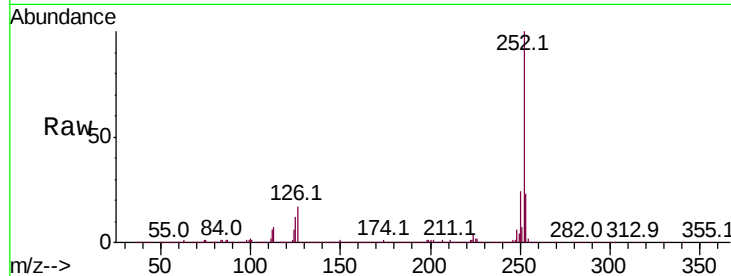
#89
Benzo(k)fluoranthene
Concen: 41.399 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF111200.D
Acq: 7 Dec 2018 21:22

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MSD

Tot Ion:252 Resp: 1818770
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 11.8 9.9 14.9

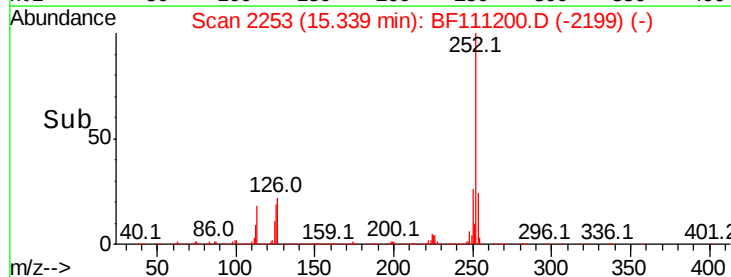
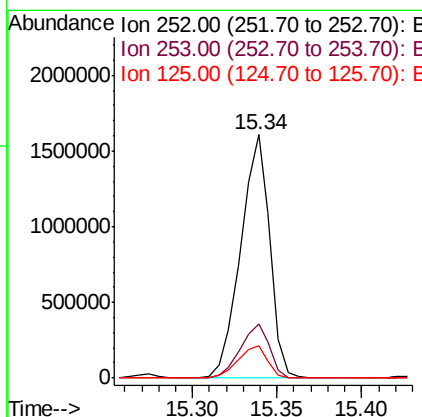
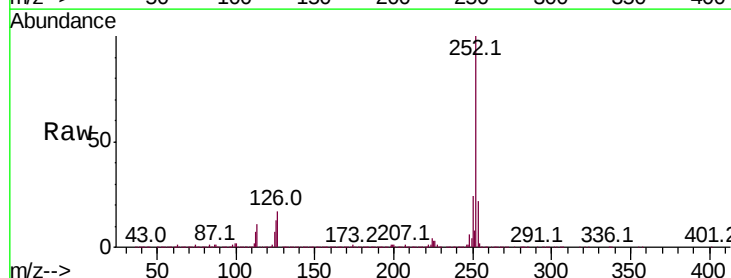
Manual Integrations
APPROVED

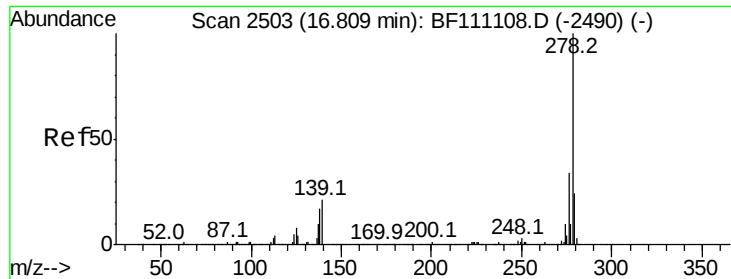
Sohil
12/11/2018 8:44:48 AM



#90
Benzo(a)pyrene
Concen: 46.030 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.02 min
Lab File: BF111200.D
Acq: 7 Dec 2018 21:22

Tgt Ion:252 Resp: 1918673
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 13.5 12.4 18.6





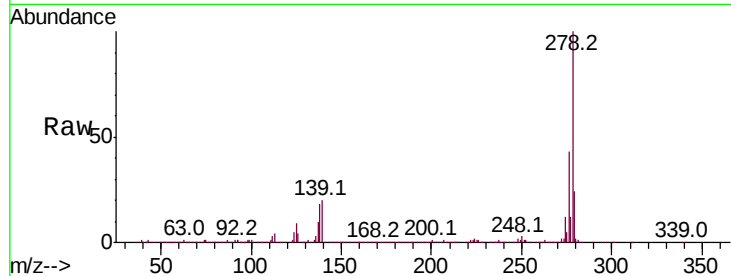
#91
Dibenzo(a,h)anthracene
Concen: 51.668 ng
RT: 16.83 min Scan# 2507
Delta R.T. 0.02 min
Lab File: BF111200.D
Acq: 7 Dec 2018 21:22

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.4	16.6	25.0
279	23.8	18.8	28.2

Manual Integrations
APPROVED

Sohil
12/11/2018 8:44:48 AM

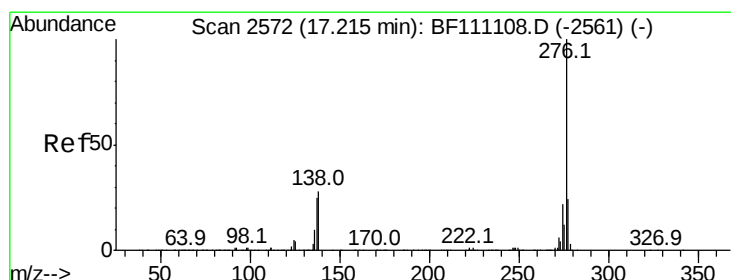
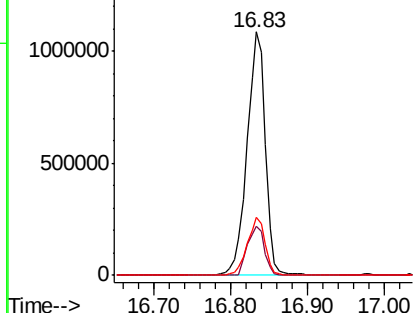
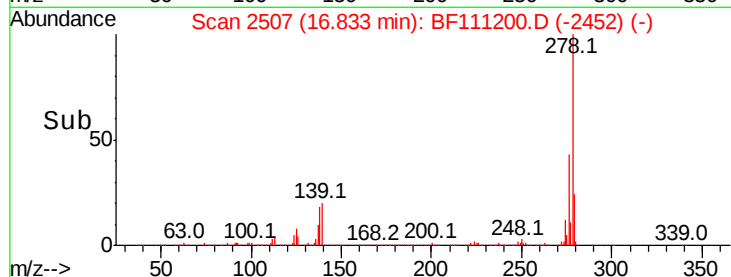


Abundance

Ion 278.00 (277.70 to 278.70): E

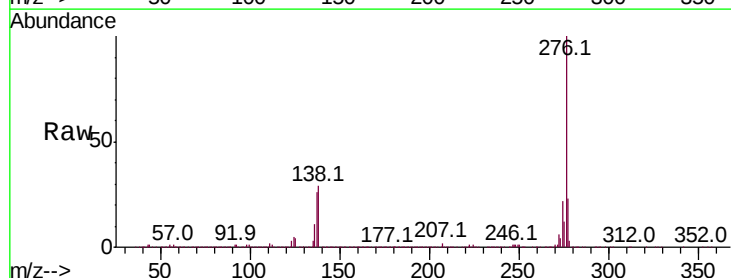
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 63.733 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.02 min
Lab File: BF111200.D
Acq: 7 Dec 2018 21:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.3	28.9
138	29.1	22.3	33.5



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

