

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
 Data File : BF101908.D
 Acq On : 4 Jan 2018 23:03
 Operator : SJ/JU
 Sample : J1033-02MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-1(10)MSD

Manual Integrations
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Sohil
 1/5/2018 12:29:33 PM

Quant Time: Jan 05 12:25:42 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 04 14:22:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	156729	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	604075	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	229803	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	340951	20.00	ng	0.00
75) Chrysene-d12	13.96	240	262824	20.00	ng	0.00
86) Perylene-d12	15.43	264	193296	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1314789	124.96	ng	0.01
7) Phenol-d6	6.43	99	1454262	111.06	ng	0.01
23) Nitrobenzene-d5	7.35	82	951081	87.64	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	209925	94.80	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1049973	70.88	ng	0.00
78) Terphenyl-d14	12.88	244	869423	79.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	186772	34.546	ng	96
3) Pyridine	3.28	79	484746m	32.271	ng	
4) n-Nitrosodimethylamine	3.25	42	261469	37.806	ng	97
6) Aniline	6.45	93	409136	22.483	ng	# 47
8) 2-Chlorophenol	6.57	128	445593	40.259	ng	97
9) Benzaldehyde	6.35	77	140340	14.512	ng	97
10) Phenol	6.45	94	603303	40.423	ng	74
11) bis(2-Chloroethyl)ether	6.52	93	472581	40.367	ng	94
12) 1,3-Dichlorobenzene	6.71	146	478745	38.325	ng	98
13) 1,4-Dichlorobenzene	6.79	146	497379	38.991	ng	99
14) 1,2-Dichlorobenzene	6.94	146	432106	37.632	ng	99
15) Benzyl Alcohol	6.93	79	360875	40.039	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.04	45	782464	43.672	ng	92
17) 2-Methylphenol	7.05	107	382382	37.558	ng	# 85
18) Hexachloroethane	7.27	117	143472	32.349	ng	98
19) n-Nitroso-di-n-propylamine	7.19	70	331620	38.563	ng	91
20) 3+4-Methylphenols	7.21	107	533825	49.480	ng	97
22) Acetophenone	7.19	105	637437	46.246	ng	# 95
24) Nitrobenzene	7.37	77	526618	43.847	ng	96
25) Isophorone	7.60	82	963783	44.272	ng	98
26) 2-Nitrophenol	7.68	139	224266	43.464	ng	93
27) 2,4-Dimethylphenol	7.72	122	403550	46.037	ng	97
28) bis(2-Chloroethoxy)methane	7.80	93	585150	42.315	ng	99
29) 2,4-Dichlorophenol	7.95	162	377681	43.611	ng	100
30) 1,2,4-Trichlorobenzene	8.00	180	358001	39.172	ng	97
31) Naphthalene	8.07	128	1190407	39.143	ng	99
32) Benzoic acid	7.90	122	6507m	8.880	ng	
33) 4-Chloroaniline	8.15	127	213921	16.184	ng	96
34) Hexachlorobutadiene	8.18	225	202022	38.220	ng	99
35) Caprolactam	8.53	113	119569	39.762	ng	# 84
36) 4-Chloro-3-methylphenol	8.65	107	384622	40.408	ng	99
37) 2-Methylnaphthalene	8.77	142	763595	38.539	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	352363	45.415	ng	98
40) Hexachlorocyclopentadiene	8.91	237	266m	11.533	ng	

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 B-1(10)MSD

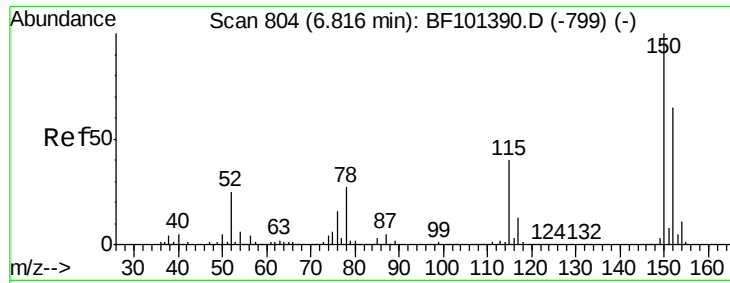
Manual Integrations
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Quant Time: Jan 05 12:25:42 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 04 14:22:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	217754	46.619	nq	100
43) 2,4,5-Trichlorophenol	9.12	196	190045	37.159	nq	98
45) 1,1'-Biphenyl	9.23	154	896481	43.988	nq	99
46) 2-Chloronaphthalene	9.26	162	662369	42.476	nq	98
47) 2-Nitroaniline	9.37	65	263387	48.893	nq	# 83
48) Acenaphthylene	9.67	152	953575	38.716	nq	100
49) Dimethylphthalate	9.53	163	951380	51.469	nq	100
50) 2,6-Dinitrotoluene	9.62	165	151557	40.342	nq	# 80
51) Acenaphthene	9.85	154	563663	38.091	nq	98
52) 3-Nitroaniline	9.79	138	156421	33.396	nq	97
54) Dibenzofuran	10.02	168	816316	43.408	nq	93
55) 4-Nitrophenol	9.99	139	64755m	31.706	nq	
56) 2,4-Dinitrotoluene	10.03	165	194847	46.033	nq	# 83
57) Fluorene	10.36	166	625920	39.345	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	152005	41.368	nq	90
59) Diethylphthalate	10.23	149	751677	41.064	nq	98
60) 4-Chlorophenyl-phenylether	10.35	204	318866	41.822	nq	94
61) 4-Nitroaniline	10.42	138	150719	32.013	nq	99
62) Azobenzene	10.51	77	738428	38.942	nq	97
64) 4,6-Dinitro-2-methylphenol	10.49	198	3960m	2.276	nq	
65) n-Nitrosodiphenylamine	10.47	169	572150	45.447	nq	96
66) 4-Bromophenyl-phenylether	10.83	248	175329	45.766	nq	94
67) Hexachlorobenzene	10.92	284	163072	40.219	nq	94
68) Atrazine	11.00	200	165340	44.045	nq	98
69) Pentachlorophenol	11.13	266	110998	71.184	nq	99
70) Phenanthrene	11.33	178	874525	46.123	nq	99
71) Anthracene	11.38	178	817684	42.218	nq	100
72) Carbazole	11.55	167	696807	38.427	nq	100
73) Di-n-butylphthalate	11.85	149	1004078	45.621	nq	99
74) Fluoranthene	12.52	202	940409	47.252	nq	100
76) Benzidine	12.65	184	335411	30.216	nq	97
77) Pyrene	12.76	202	950809	48.204	nq	99
79) Butylbenzylphthalate	13.34	149	383568	42.977	nq	96
80) Benzo(a)anthracene	13.95	228	797286	45.941	nq	98
81) 3,3'-Dichlorobenzidine	13.90	252	207496	36.668	nq	97
82) Chrysene	13.99	228	744251	45.420	nq	99
83) Bis(2-ethylhexyl)phthalate	13.90	149	630261	55.753	nq	98
84) Di-n-octyl phthalate	14.51	149	959523	47.594	nq	97
85) Indeno(1,2,3-cd)pyrene	16.92	276	468628	32.116	nq	96
87) Benzo(b)fluoranthene	15.00	252	647562	54.963	nq	99
88) Benzo(k)fluoranthene	15.03	252	523020	45.658	nq	98
89) Benzo(a)pyrene	15.37	252	522075	48.068	nq	100
90) Dibenzo(a,h)anthracene	16.90	278	377502	40.482	nq	98
91) Benzo(g,h,i)perylene	17.37	276	402800	43.622	nq	94

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



#1

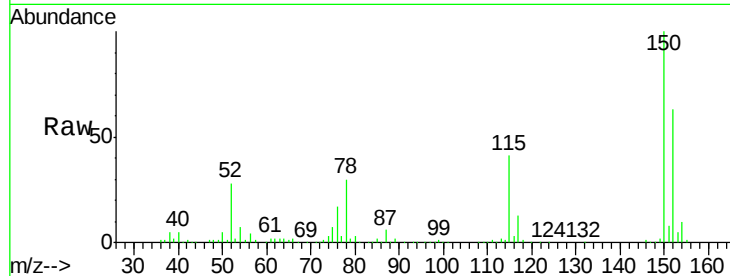
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Instrument :
BNA_F
ClientSampleId :
B-1(10)MSD

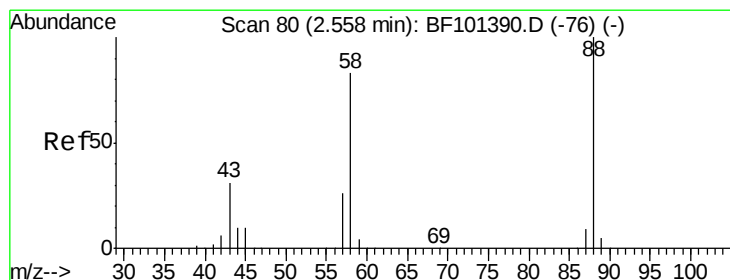
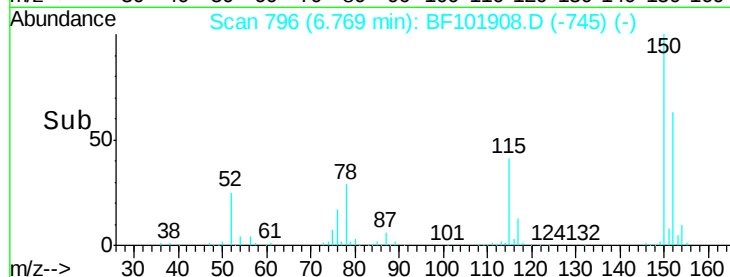
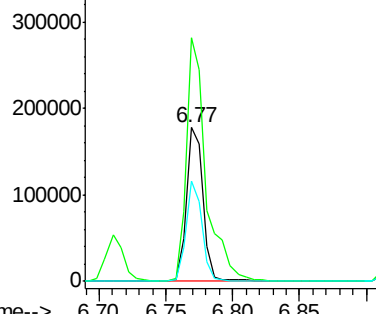
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	65.0	50.1	75.1

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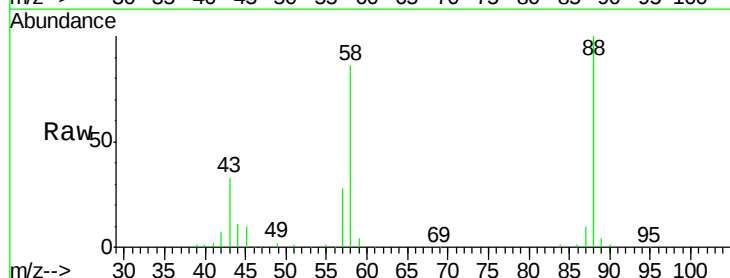
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



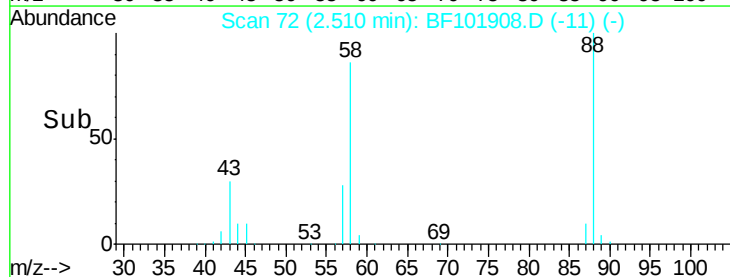
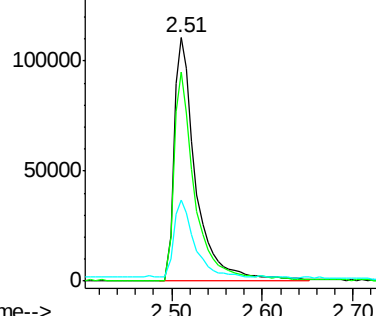
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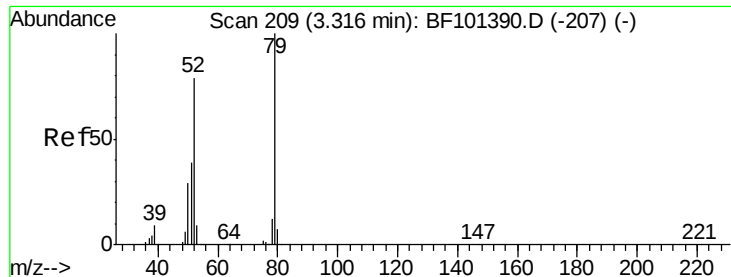
1,4-Dioxane
Concen: 34.546 ng
RT: 2.51 min Scan# 72
Delta R.T. 0.06 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.0	62.6	93.8
43	29.2	24.6	37.0



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: 32.271 ng/ml

RT: 3.28 min Scan# 203

Delta R.T. 0.06 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Instrument :

BNA_F

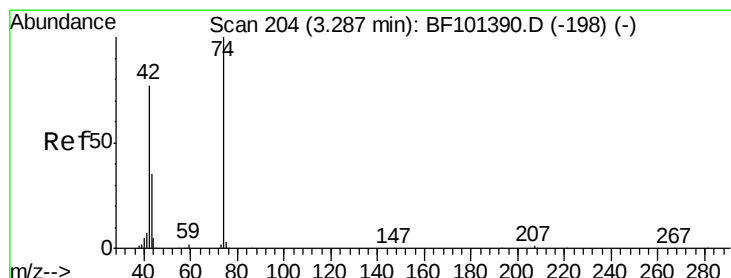
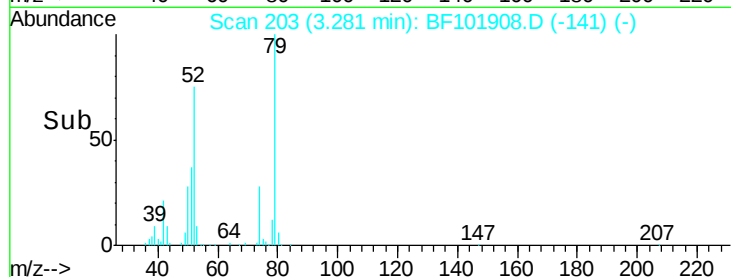
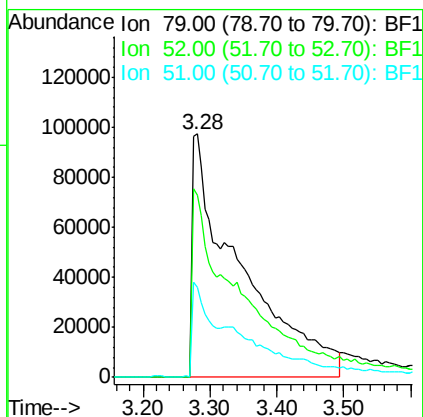
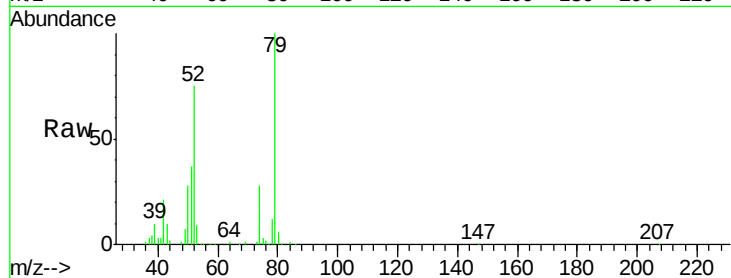
ClientSampleId :

B-1(10)MSD

Tot Ion:	79	Resp:	484746
Ion Ratio	Lower	Upper	
79	100		
52	75.0	59.8	89.6
51	37.2	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 37.806 ng/ml

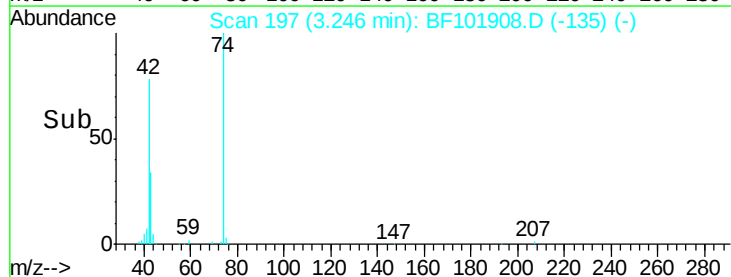
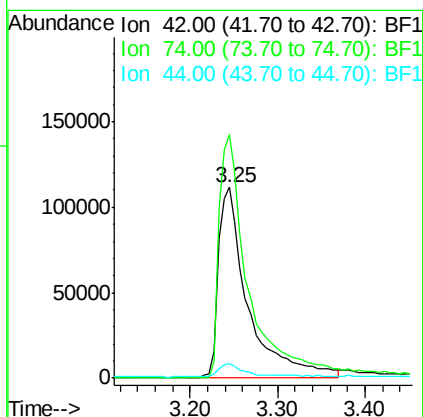
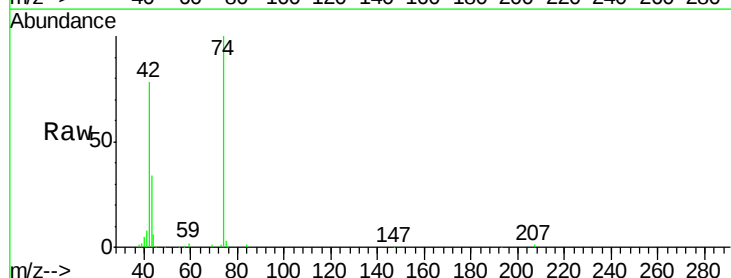
RT: 3.25 min Scan# 197

Delta R.T. 0.06 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Tgt Ion:	42	Resp:	261469
Ion Ratio	Lower	Upper	
42	100		
74	127.7	104.9	157.3
44	7.5	6.9	10.3





#5

2-Fluorophenol

Concen: 124.960 ng

RT: 5.40 min Scan# 564

Delta R.T. 0.01 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Instrument :

BNA_F

ClientSampled :

B-1(10)MSD

Tot Ion:112 Resp: 1314789

Ion Ratio Lower Upper

112 100

64 59.7 47.9 71.9

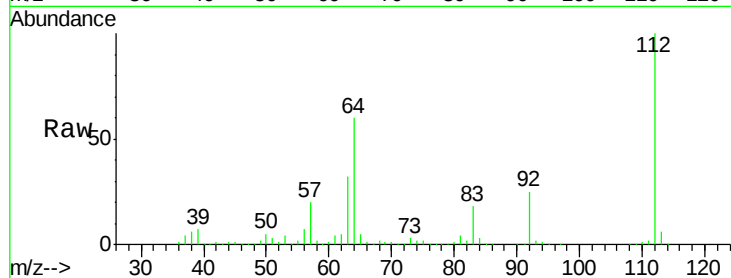
63 31.7 23.7 35.5

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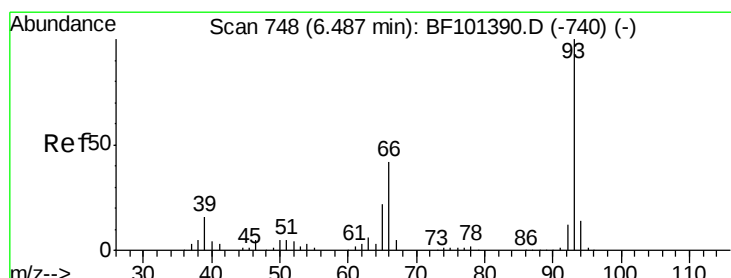
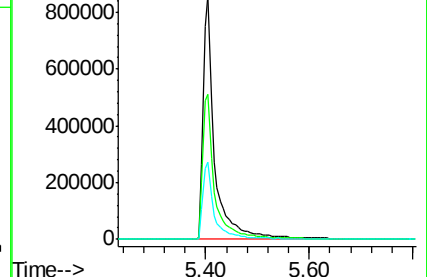
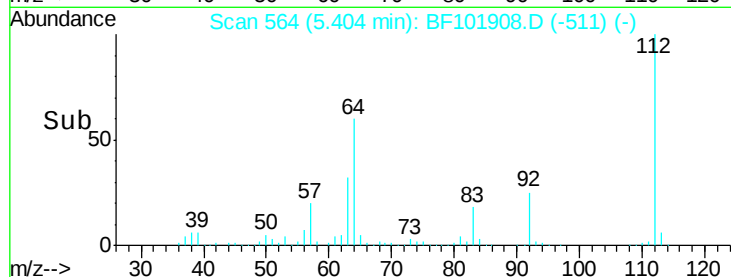
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.483 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

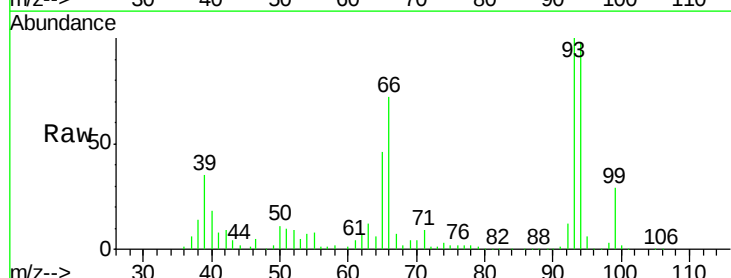
Tgt Ion: 93 Resp: 409136

Ion Ratio Lower Upper

93 100

66 72.0 32.2 48.2#

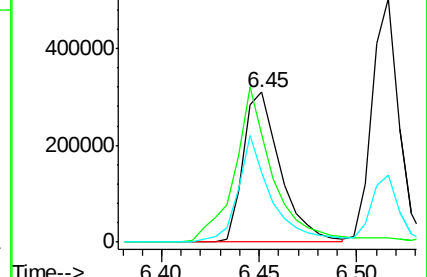
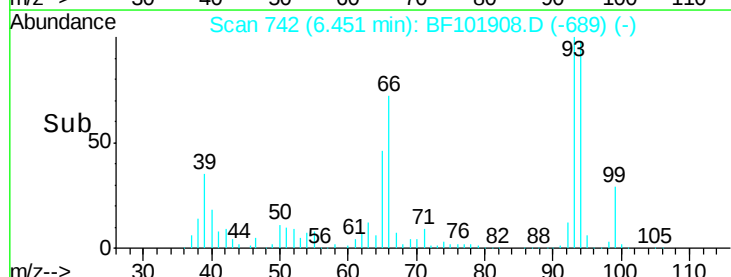
65 46.3 16.4 24.6#

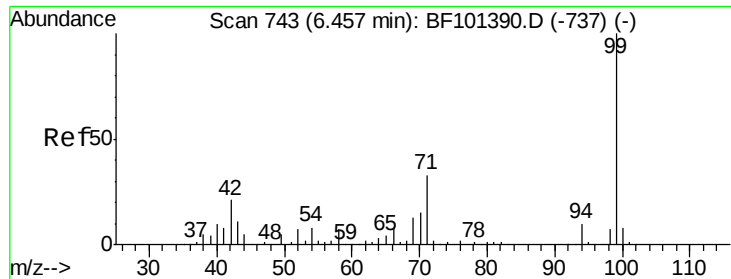


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 111.058 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Instrument :

BNA_F

ClientSampled :

B-1(10)MSD

Tot Ion: 99 Resp: 1454262

Ion Ratio Lower Upper

99 100

42 21.3 14.5 21.7

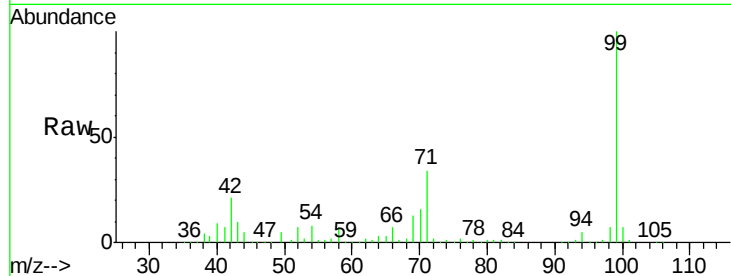
71 34.2 25.4 38.0

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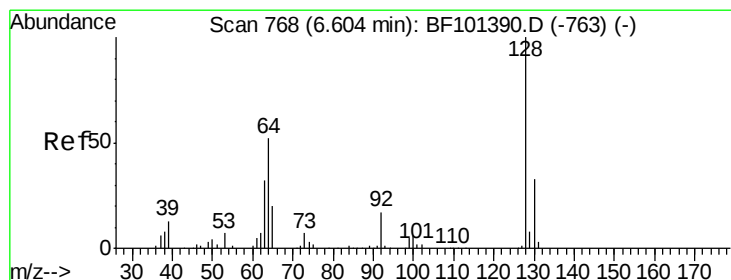
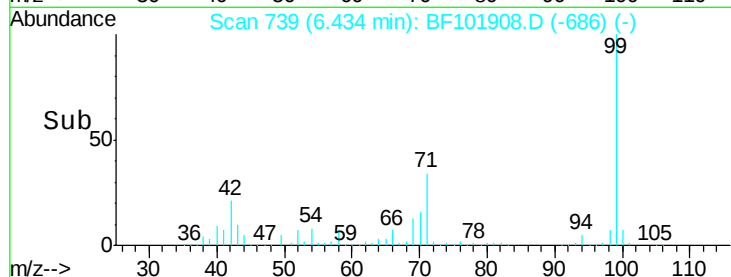
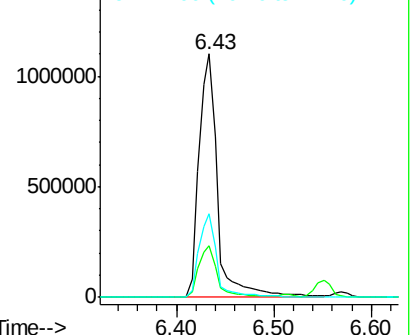
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.259 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.01 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

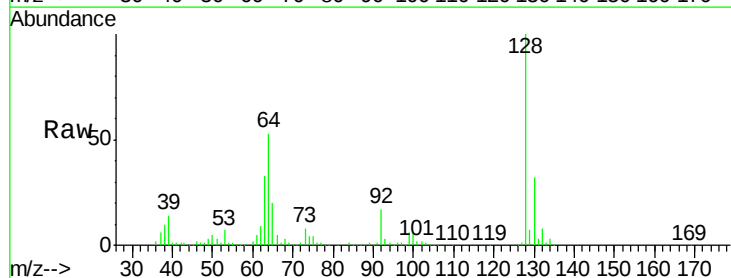
Tgt Ion: 128 Resp: 445593

Ion Ratio Lower Upper

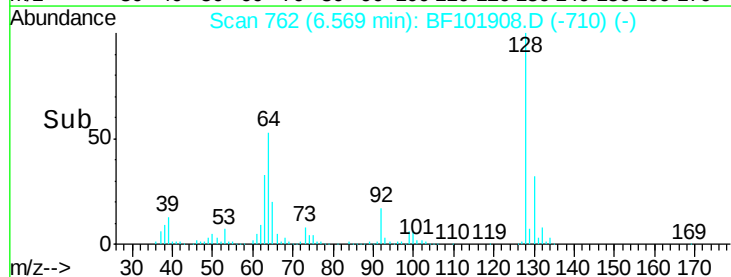
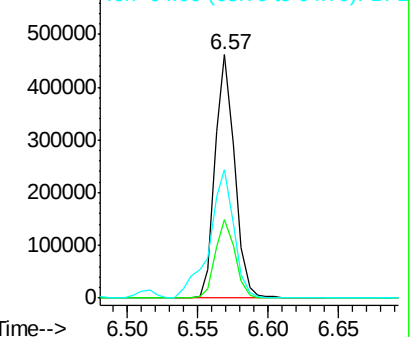
128 100

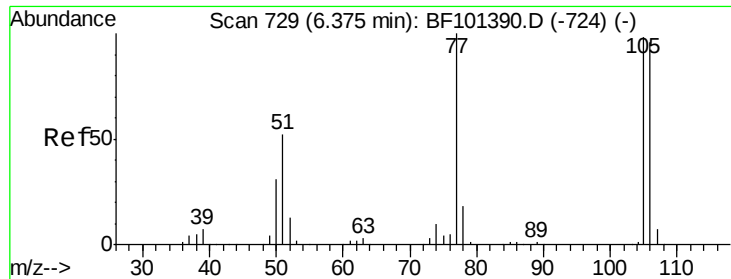
130 32.5 13.0 53.0

64 52.7 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 14.512 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Instrument :

BNA_F

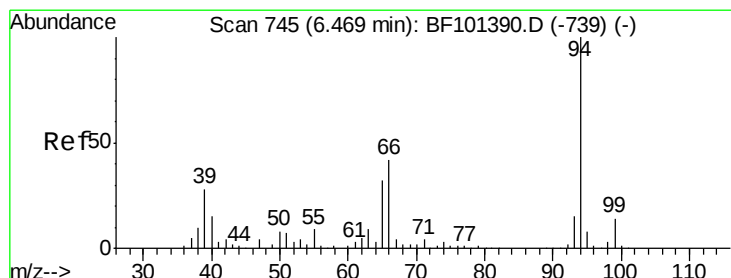
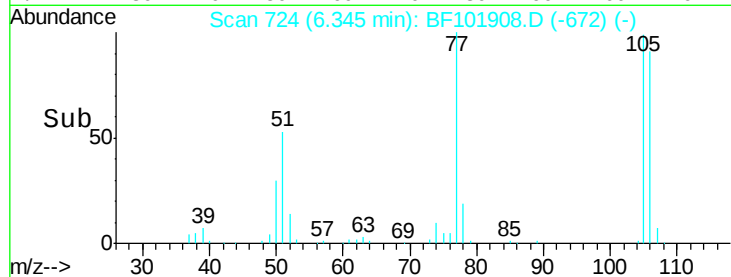
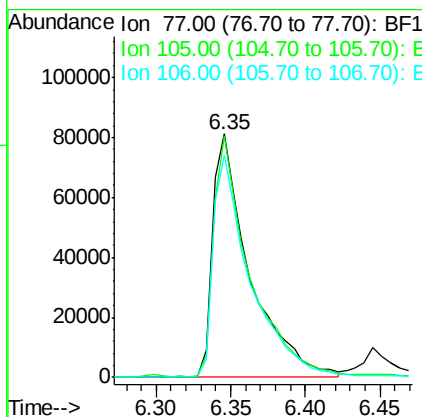
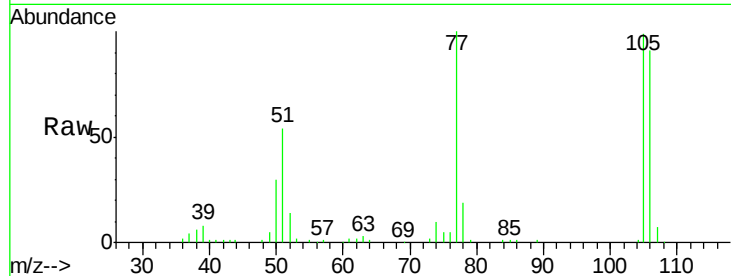
ClientSampled :

B-1(10)MSD

Tot Ion:	77	Resp:	140340
Ion Ratio	Lower	Upper	
77	100		
105	98.9	81.1	121.1
106	90.9	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 40.423 ng

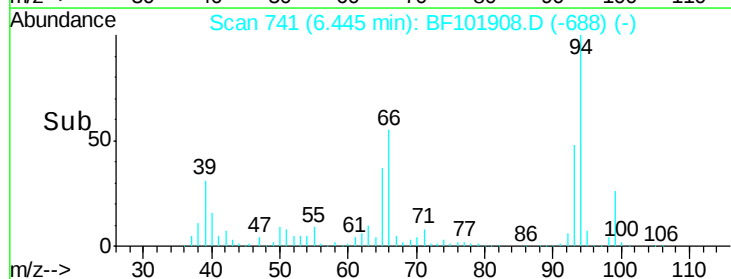
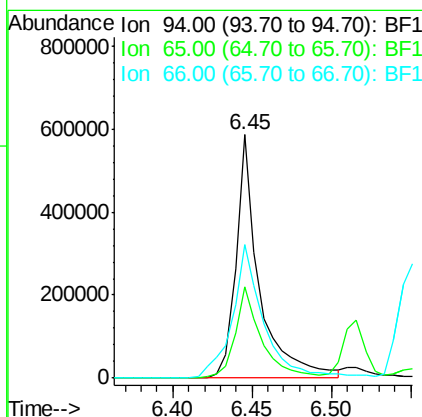
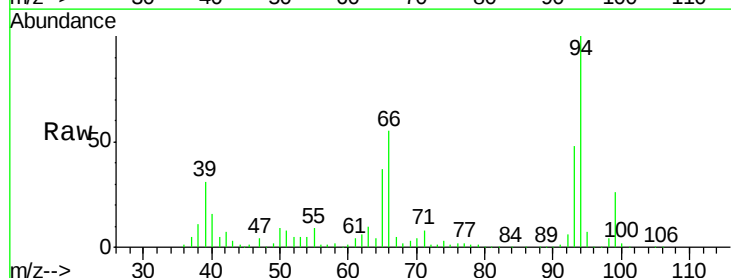
RT: 6.45 min Scan# 741

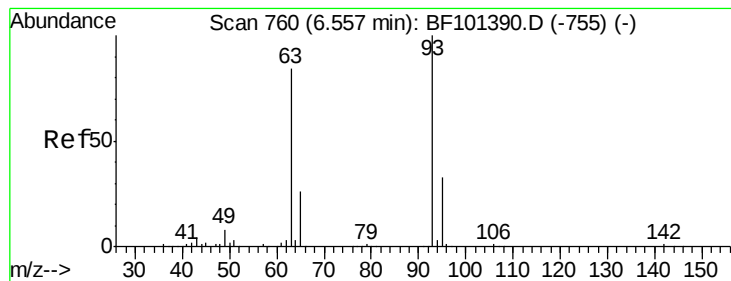
Delta R.T. 0.01 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Tgt Ion:	94	Resp:	603303
Ion Ratio	Lower	Upper	
94	100		
65	37.5	7.9	47.9
66	54.6	16.2	56.2





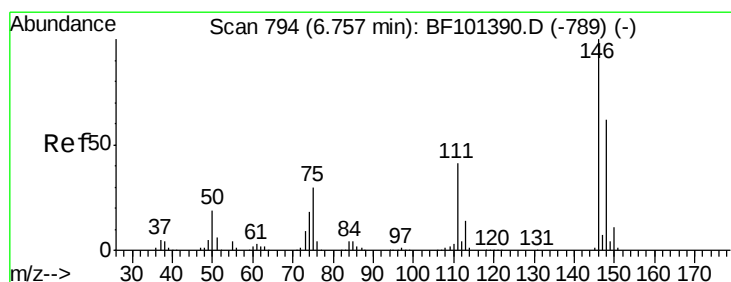
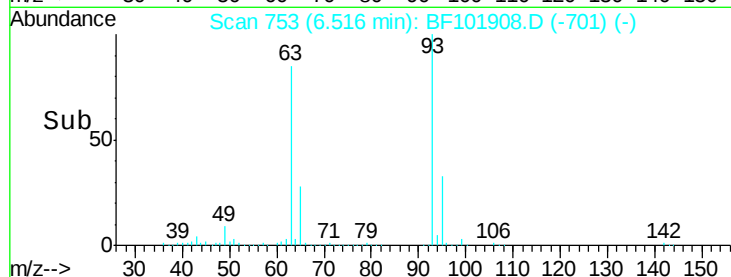
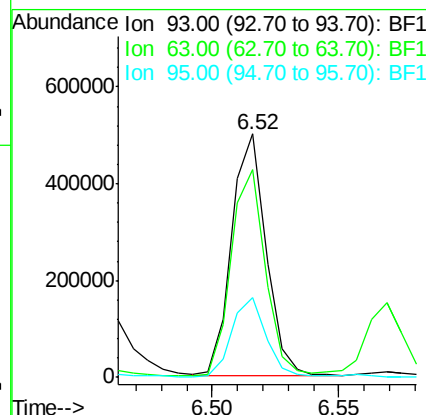
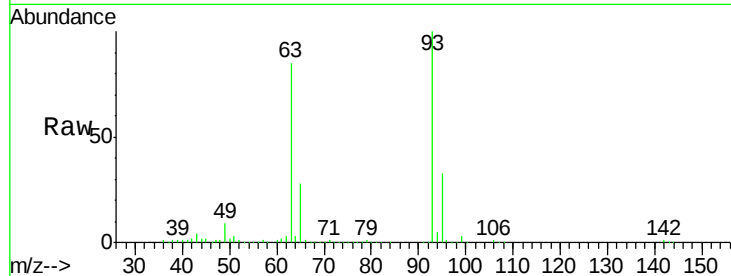
#11
bis(2-Chloroethyl)ether
Concen: 40.367 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Instrument :
BNA_F
ClientSampleId :
B-1(10)MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.4	58.6	98.6
95	33.0	11.8	51.8

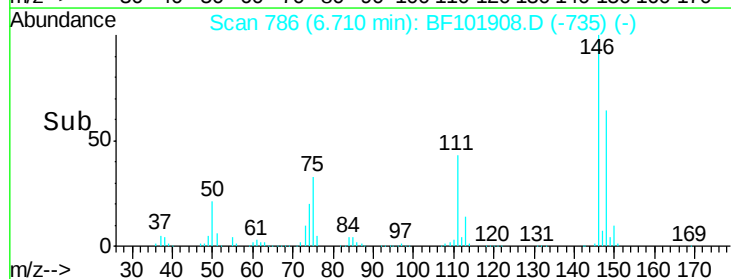
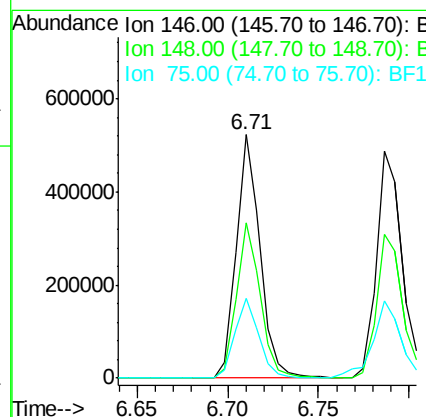
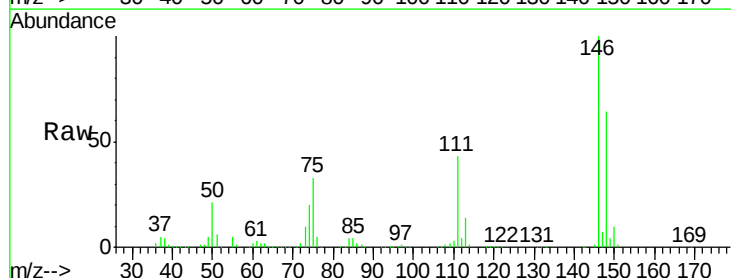
Manual Integrations
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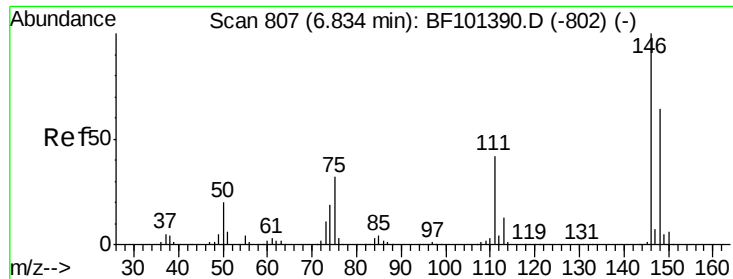
Sohil
1/5/2018 12:29:33 PM



#12
1,3-Dichlorobenzene
Concen: 38.325 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.8	77.8
75	32.9	24.2	36.4





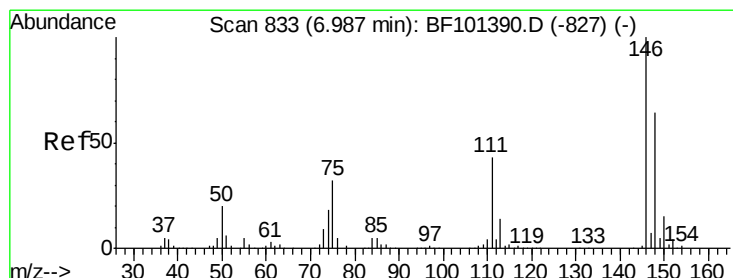
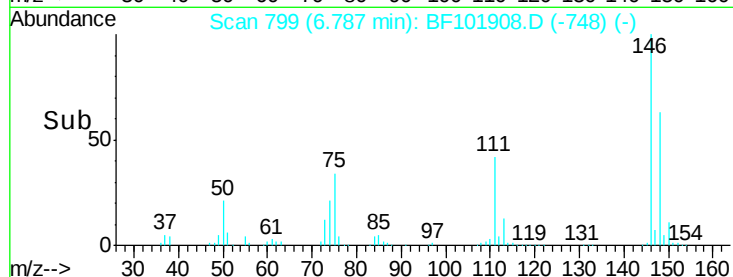
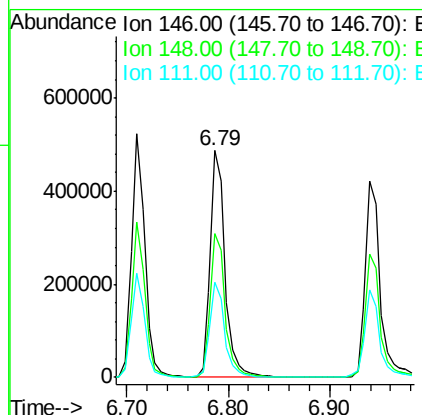
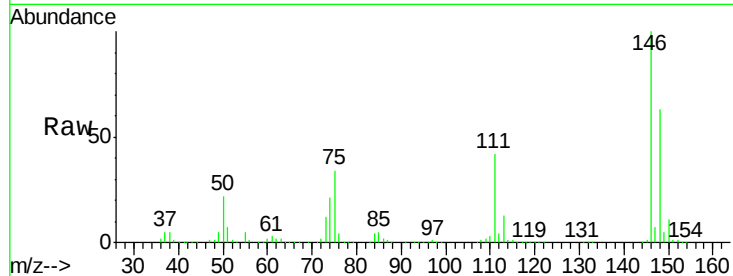
#13
 1,4-Dichlorobenzene
 Concen: 38.991 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF101908.D
 Acq: 4 Jan 2018 23:03

Instrument :
 BNA_F
 ClientSampled :
 B-1(10)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.8	76.2
111	42.2	34.2	51.2

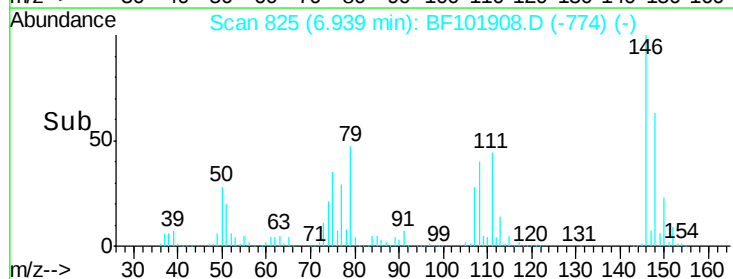
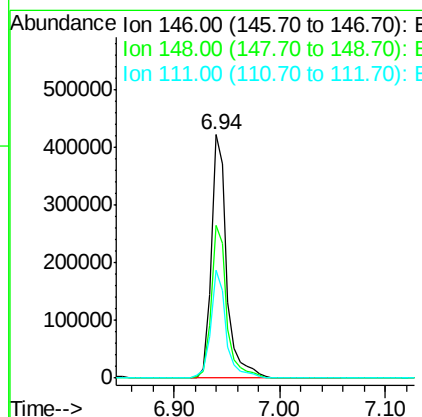
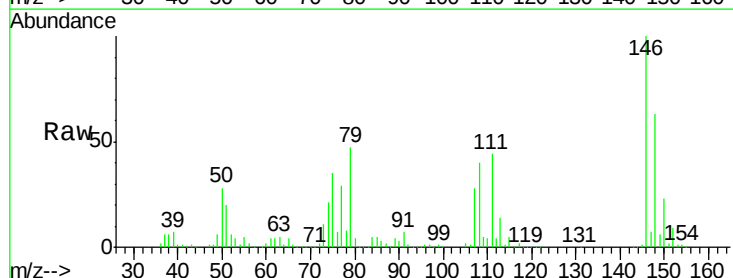
Manual Integrations
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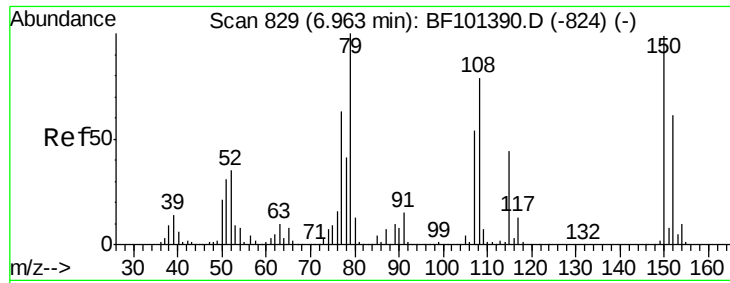
Sohil
 1/5/2018 12:29:33 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.632 ng
 RT: 6.94 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF101908.D
 Acq: 4 Jan 2018 23:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.6	75.8
111	44.5	36.0	54.0





#15

Benzyl Alcohol

Concen: 40.039 ng

RT: 6.93 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Instrument :

BNA_F

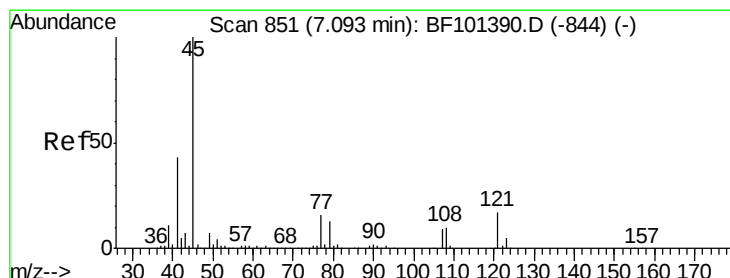
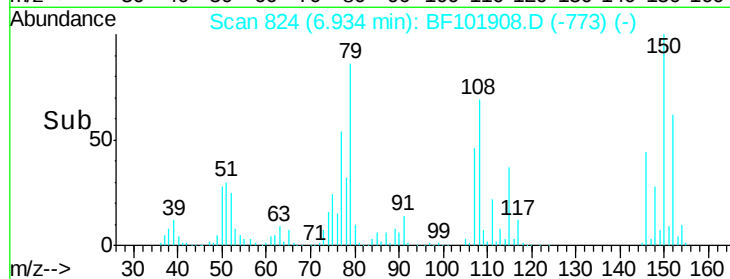
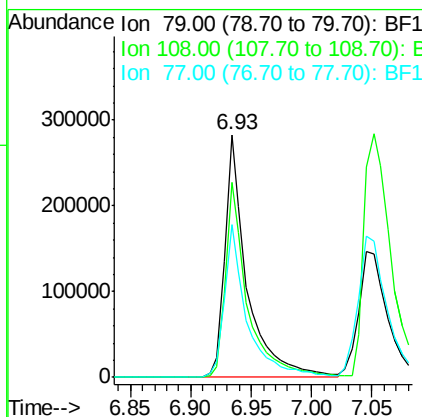
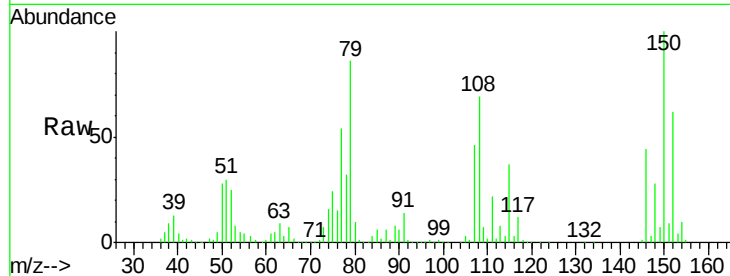
ClientSampleId :

B-1(10)MSD

Tot Ion:	79	Resp:	360875
Ion Ratio	Lower	Upper	
79	100		
108	80.6	65.1	97.7
77	63.1	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.672 ng

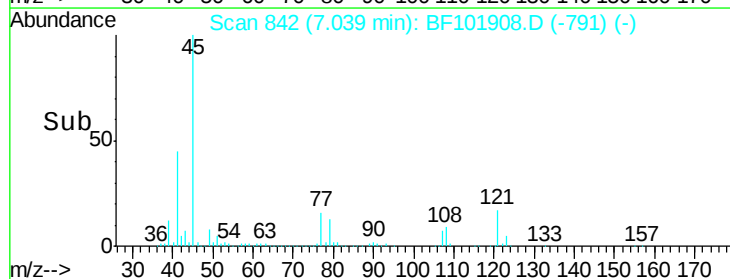
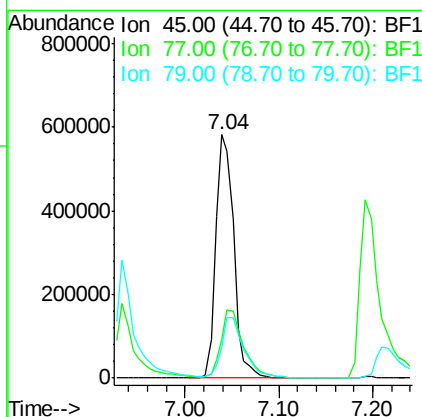
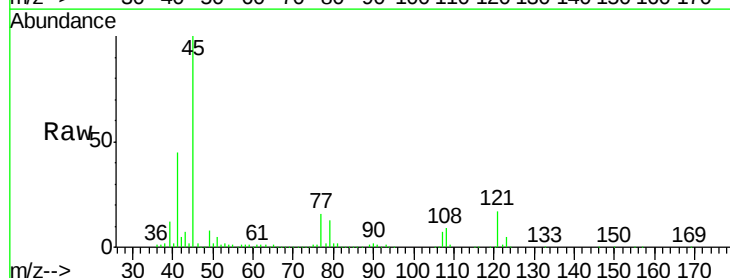
RT: 7.04 min Scan# 842

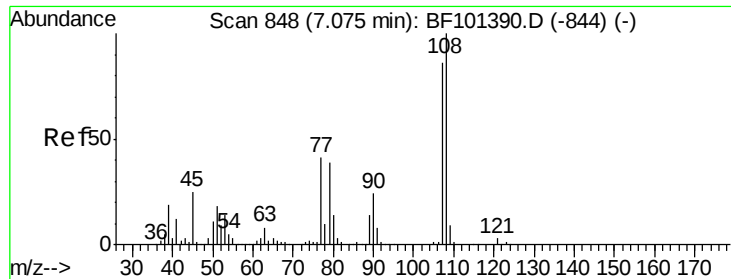
Delta R.T. 0.00 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Tgt Ion:	45	Resp:	782464
Ion Ratio	Lower	Upper	
45	100		
77	15.8	0.0	32.9
79	13.0	0.0	29.6





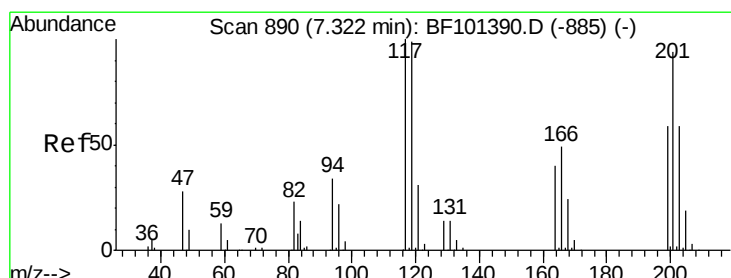
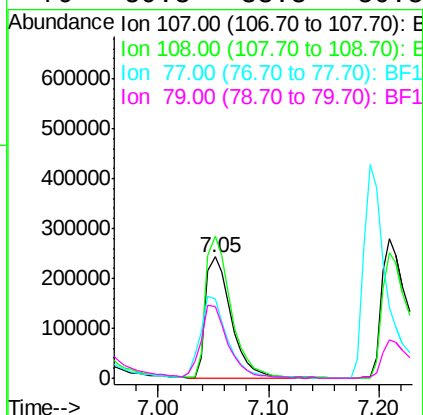
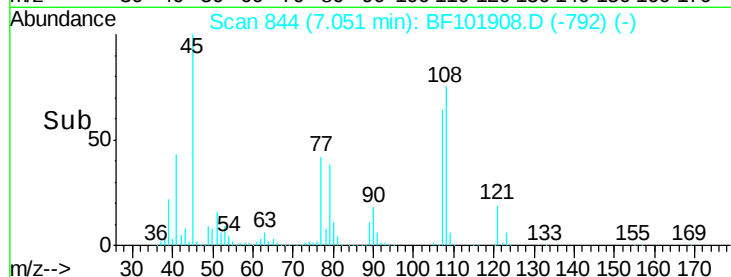
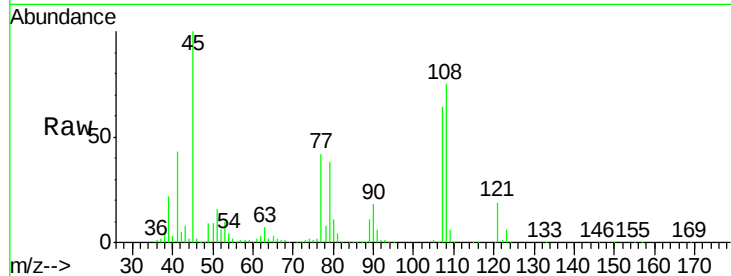
#17
2-Methylphenol
Concen: 37.558 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.01 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Instrument :
BNA_F
ClientSampleId :
B-1(10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	117.0	91.7	137.5	
77	65.7	33.8	50.8#	
79	59.3	33.8	50.8#	

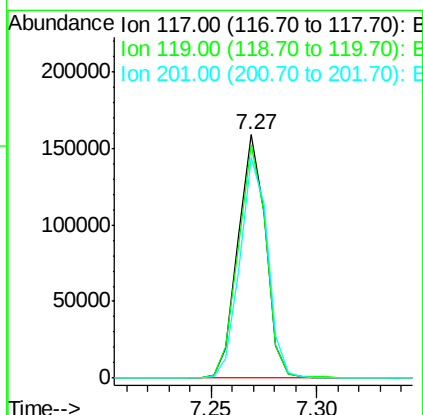
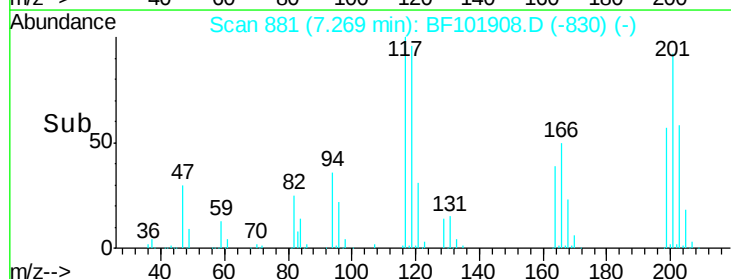
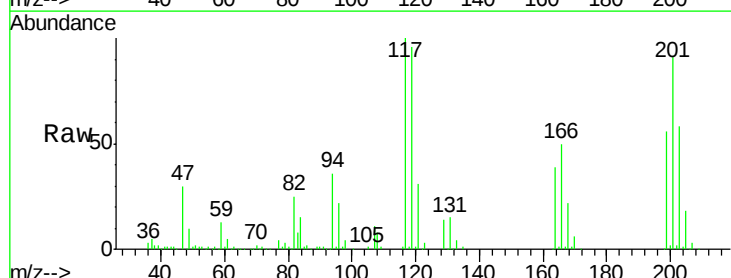
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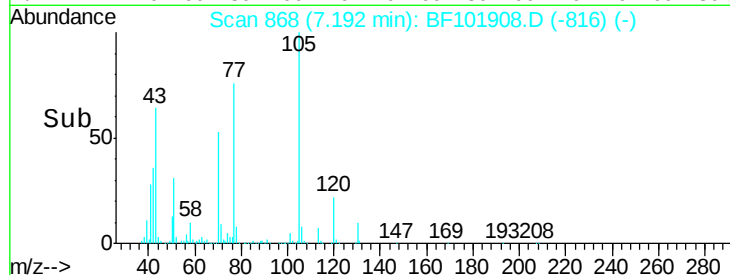
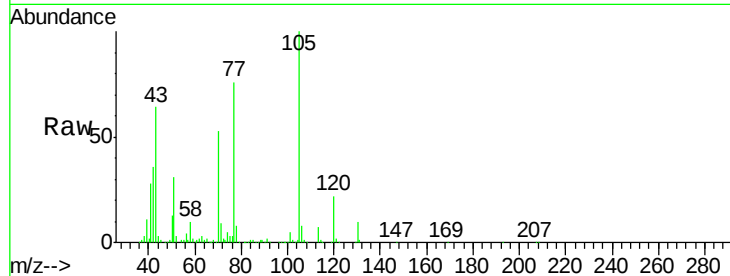
Sohil
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#18
Hexachloroethane
Concen: 32.349 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.9	75.8	113.8	
201	90.8	75.7	113.5	





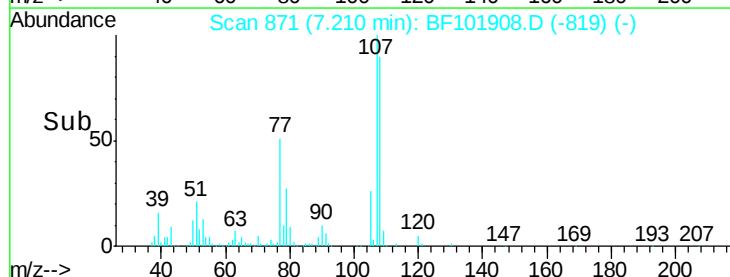
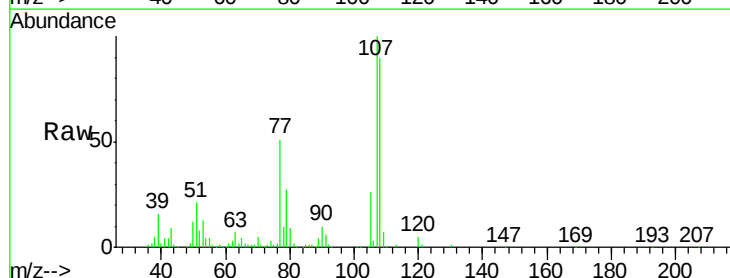
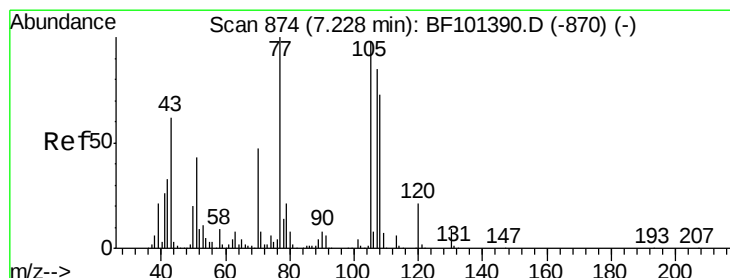
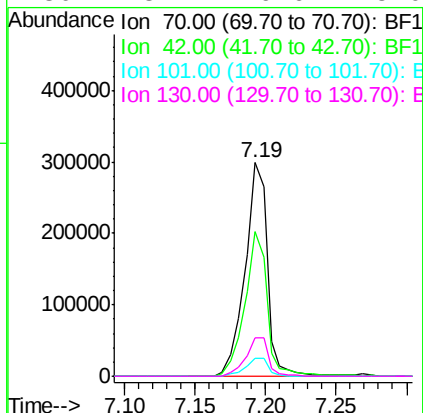
#19
n-Nitroso-di-n-propylamine
Concen: 38.563 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.01 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Instrument :
BNA_F
ClientSampleId :
B-1(10)MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	67.9	47.5	71.3	
101	8.7	7.4	11.2	
130	18.1	16.6	25.0	

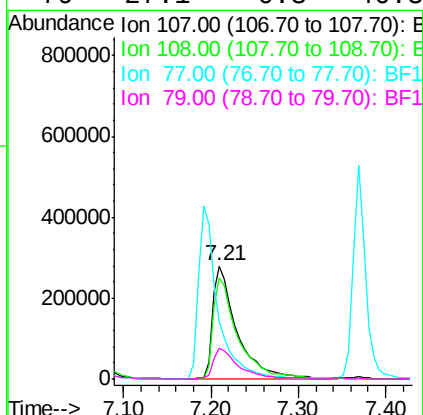
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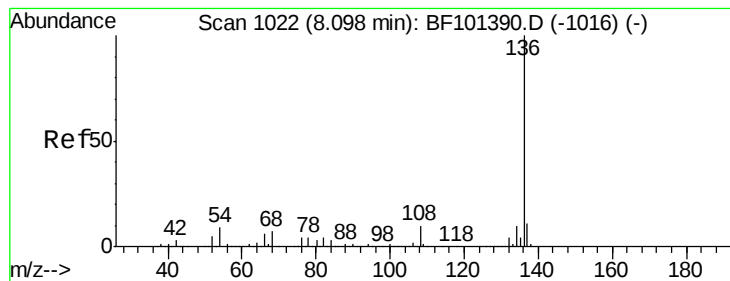
Sohil
1/5/2018 12:29:33 PM



#20
3+4-Methylphenols
Concen: 49.480 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.01 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.8	68.2	108.2	
77	50.7	26.7	66.7	
79	27.1	6.3	46.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Instrument :

BNA_F

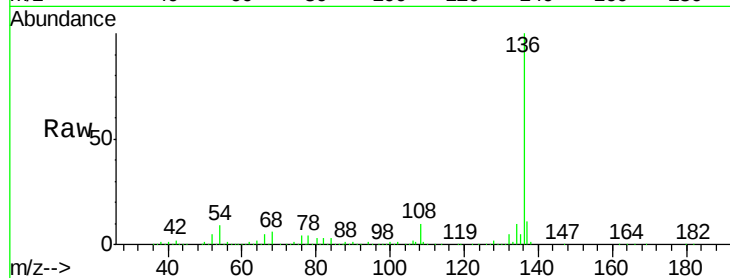
ClientSampleId :

B-1(10)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		604075		
137	10.8		8.9	13.3	
54	8.8		6.6	9.8	
68	6.4		5.0	7.4	

Manual Integrations
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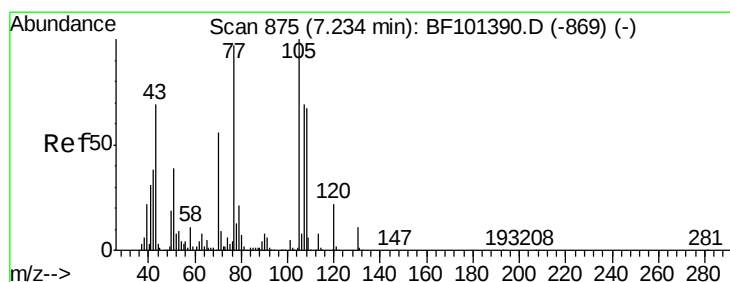
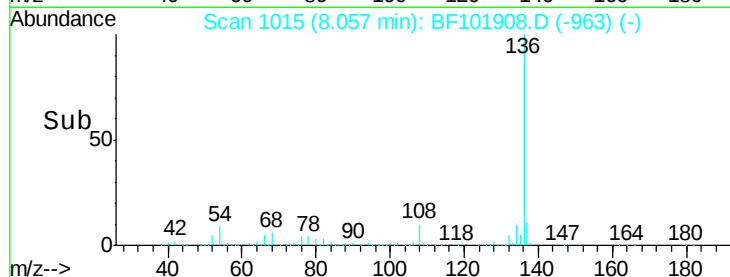
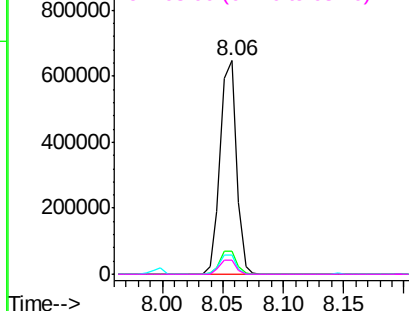


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 46.246 ng

RT: 7.19 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

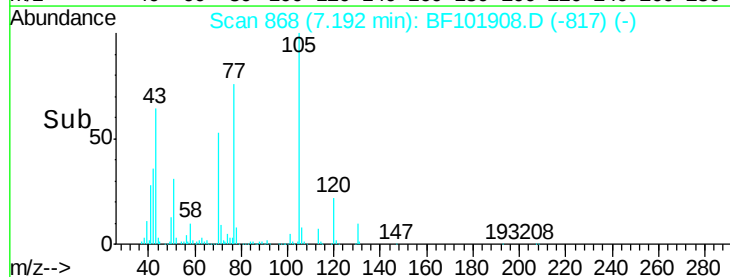
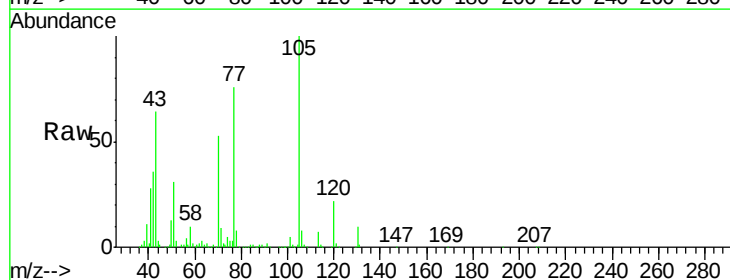
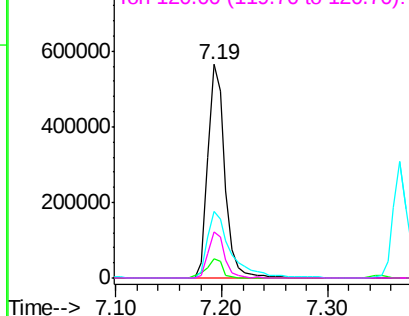
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		637437		
71	9.0		4.4	6.6#	
51	31.2		22.3	33.5	
120	21.6		16.9	25.3	

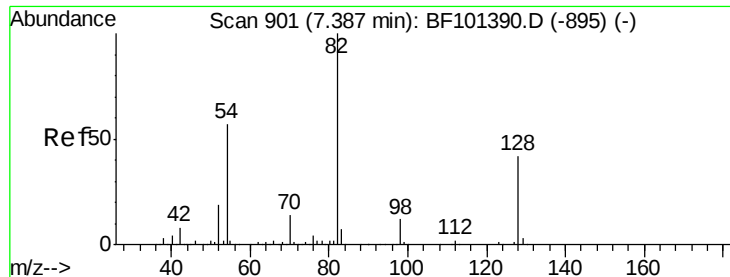
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





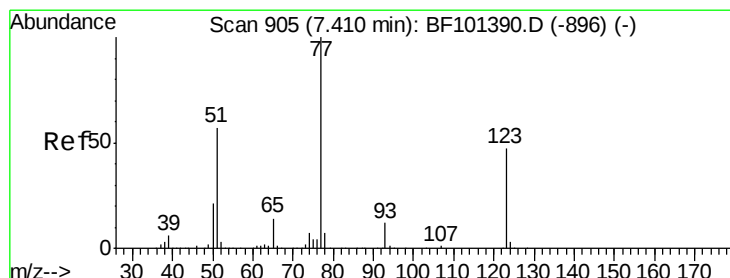
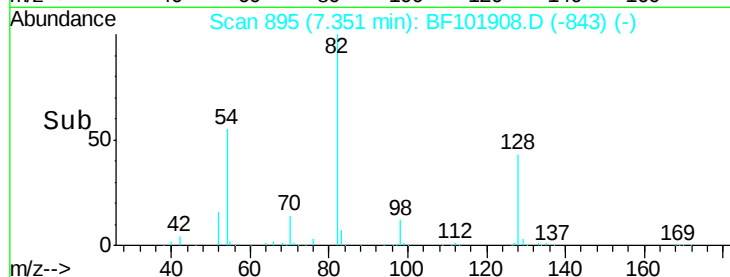
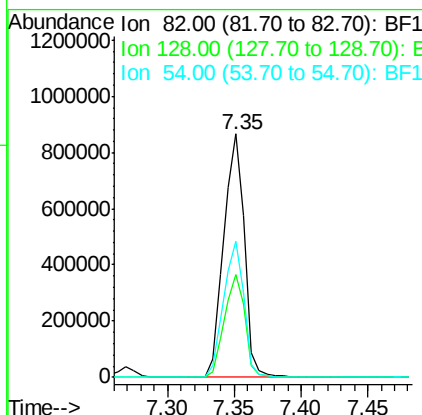
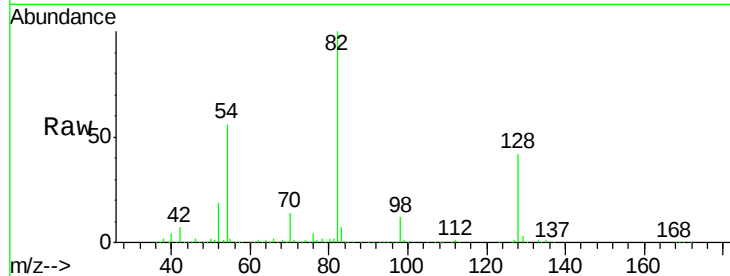
#23
Nitrobenzene-d5
Concen: 87.643 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.01 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Instrument :
BNA_F
ClientSampleId :
B-1(10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	951081		
128	42.4	36.1	54.1	
54	56.0	41.4	62.2	

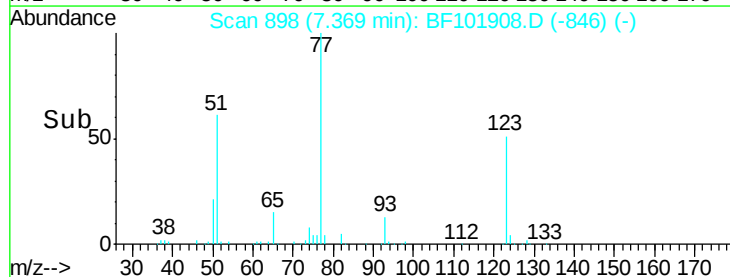
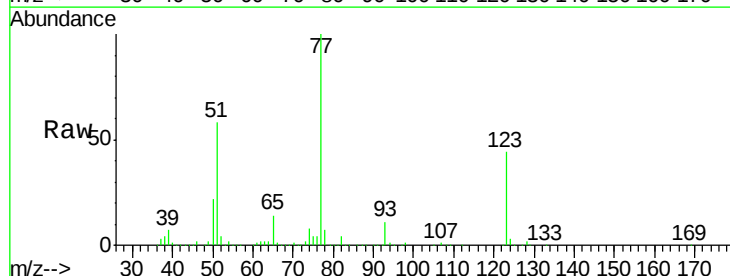
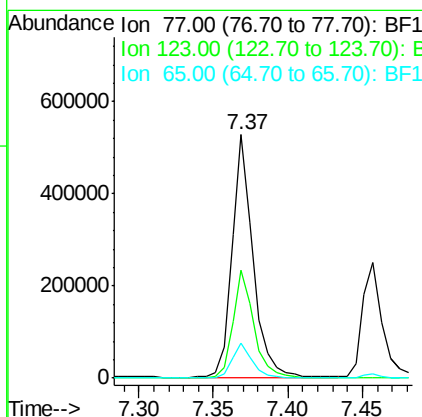
Manual Integrations
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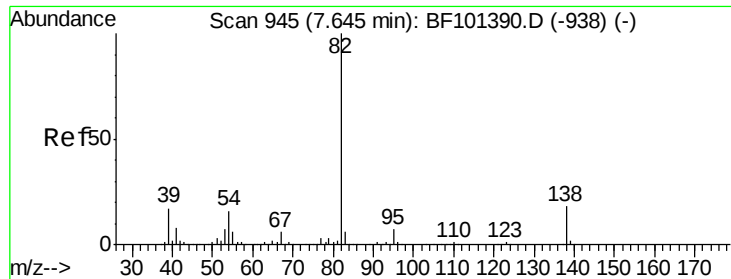
Sohil
1/5/2018 12:29:33 PM



#24
Nitrobenzene
Concen: 43.847 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	526618		
123	44.2	37.9	56.9	
65	14.3	11.0	16.4	





#25

Isophorone

Concen: 44.272 ng

RT: 7.60 min Scan# 938

Delta R.T. 0.01 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Instrument :

BNA_F

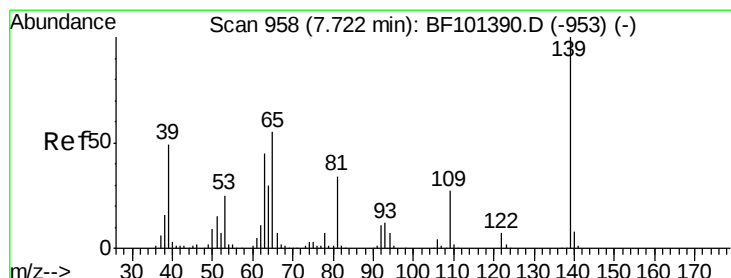
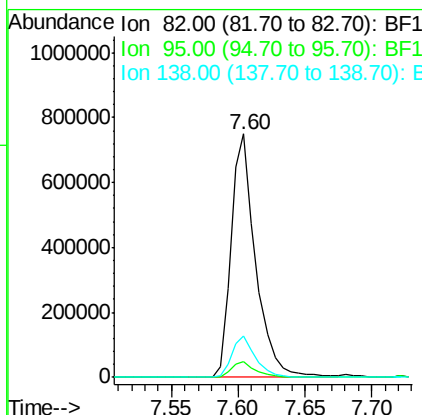
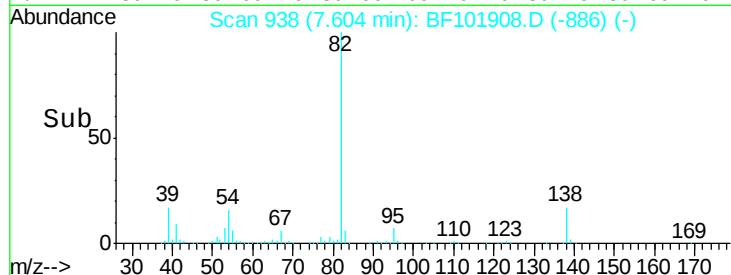
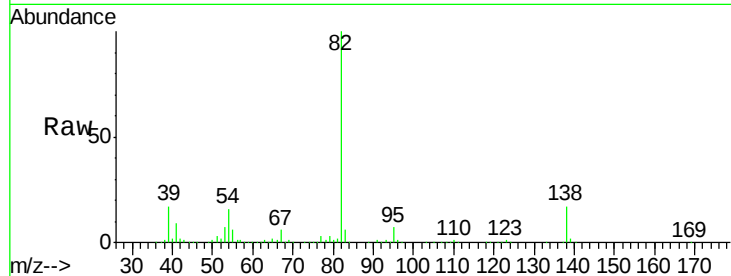
ClientSampleId :

B-1(10)MSD

Tot Ion:	82	Resp:	963783
Ion Ratio		Lower	Upper
82	100		
95	6.6	5.2	7.8
138	17.2	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.464 ng

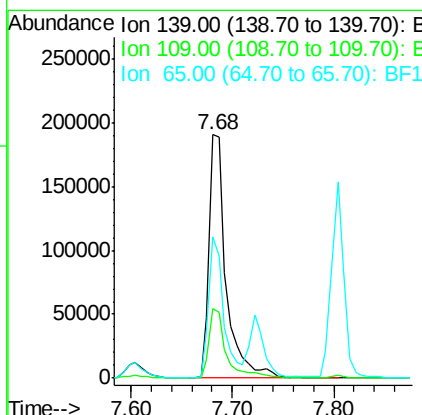
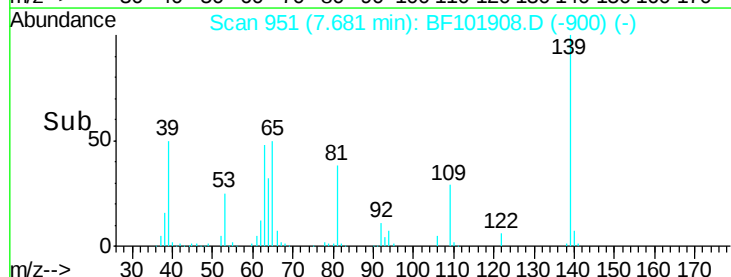
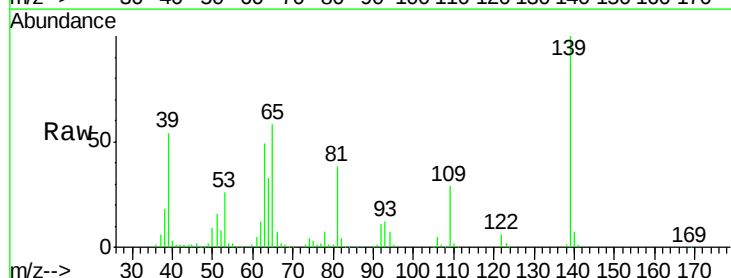
RT: 7.68 min Scan# 951

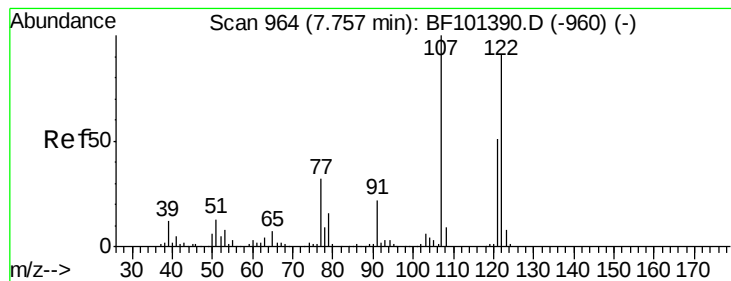
Delta R.T. 0.00 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Tgt Ion:	139	Resp:	224266
Ion Ratio		Lower	Upper
139	100		
109	28.7	22.7	34.1
65	58.1	40.5	60.7





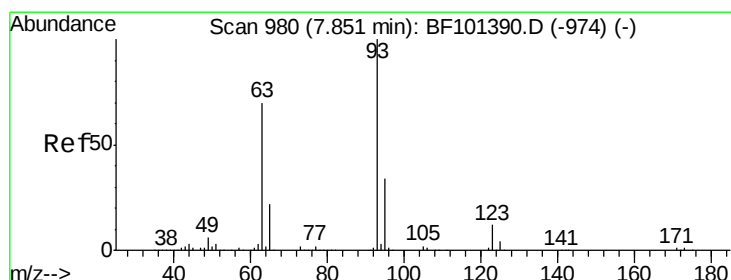
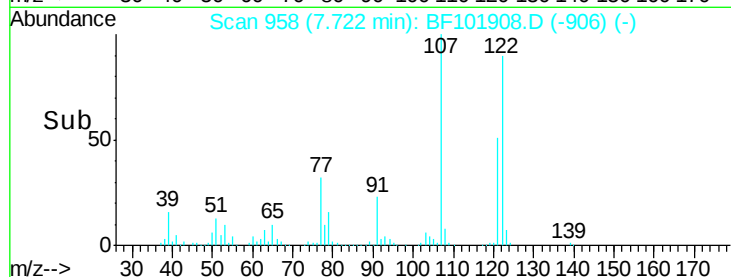
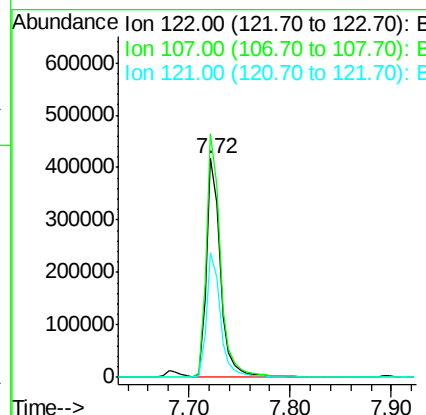
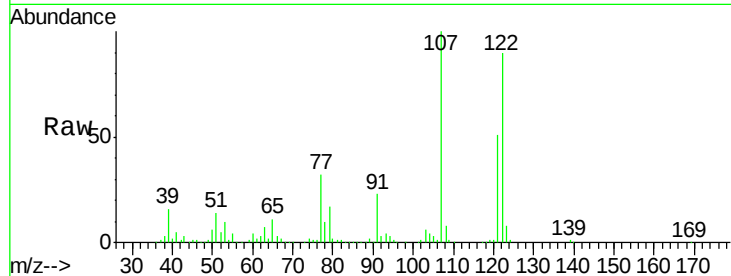
#27
2,4-Dimethylphenol
Concen: 46.037 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.01 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Instrument :
BNA_F
ClientSampleId :
B-1(10)MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.3	91.2	136.8
121	56.9	47.2	70.8

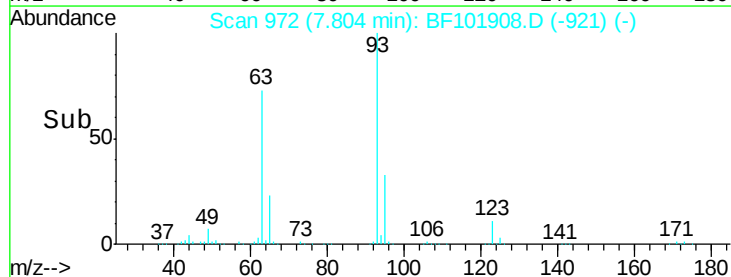
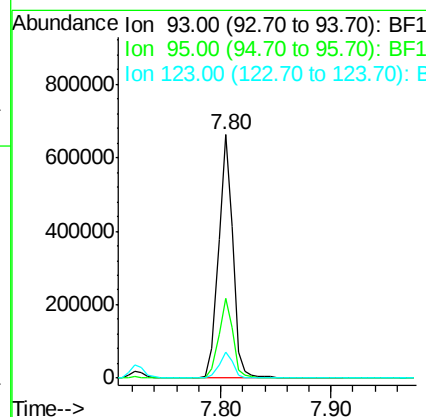
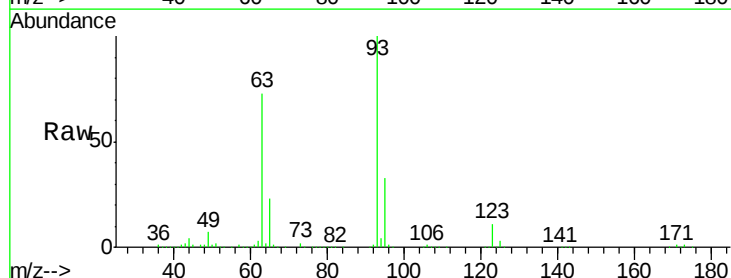
Manual Integrations
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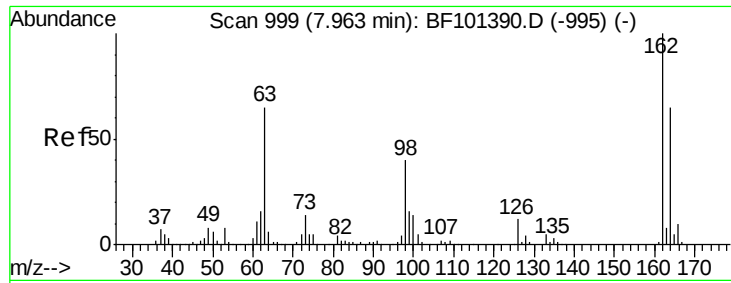
Sohil
1/5/2018 12:29:33 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.315 ng
RT: 7.80 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.3	39.5
123	10.5	9.8	14.6





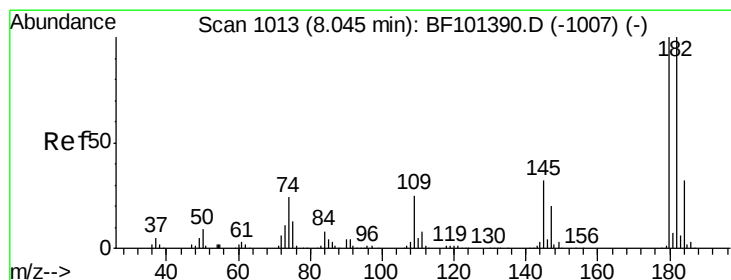
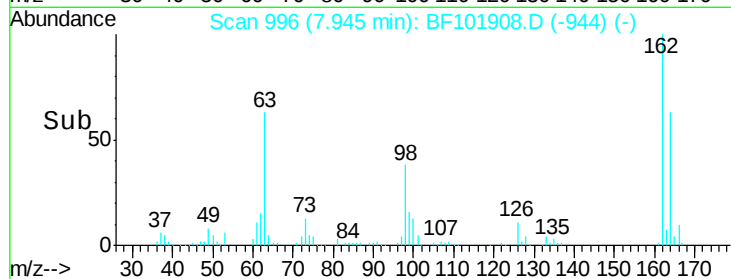
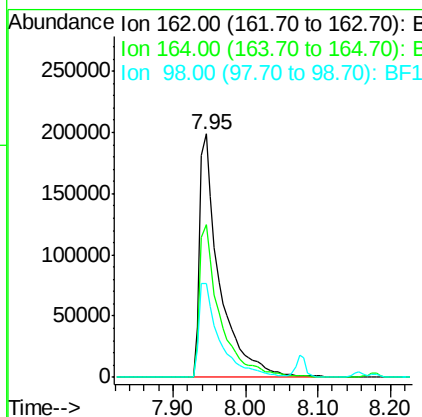
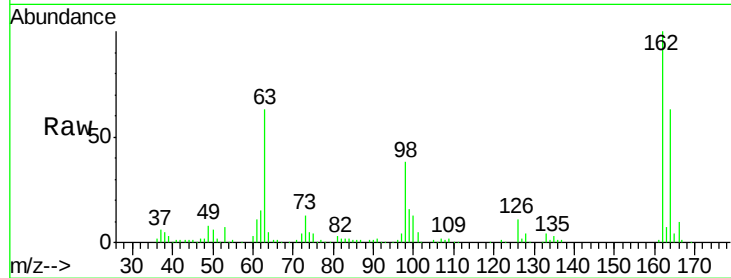
#29
2,4-Dichlorophenol
Concen: 43.611 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Instrument :
BNA_F
ClientSampleId :
B-1(10)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	42.7	82.7
98	38.5	18.1	58.1

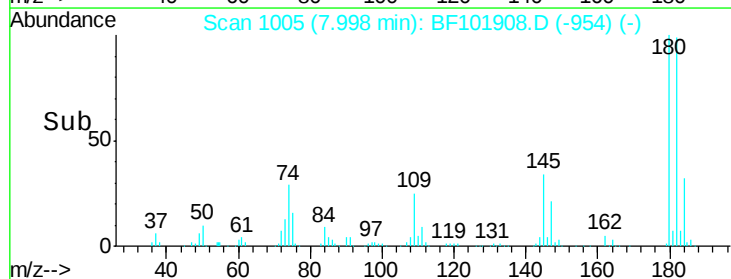
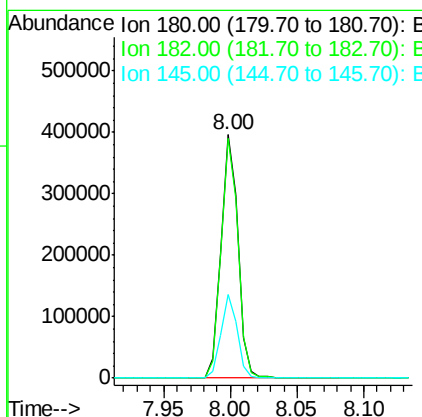
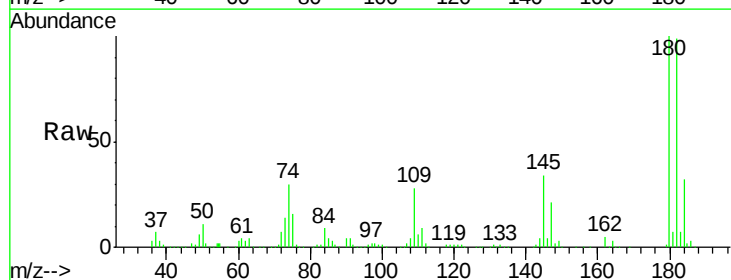
Manual Integrations
APPROVED

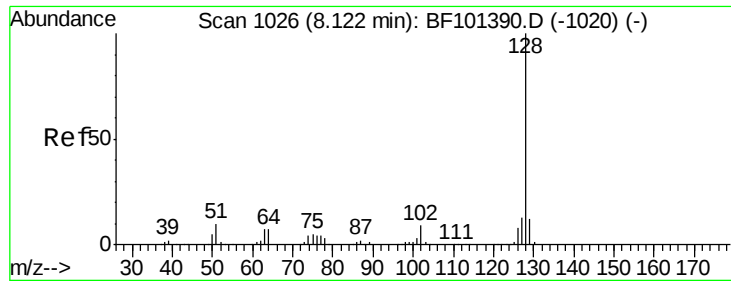
Sohil
1/5/2018 12:29:33 PM



#30
1,2,4-Trichlorobenzene
Concen: 39.172 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.7	76.8	115.2
145	34.1	26.5	39.7





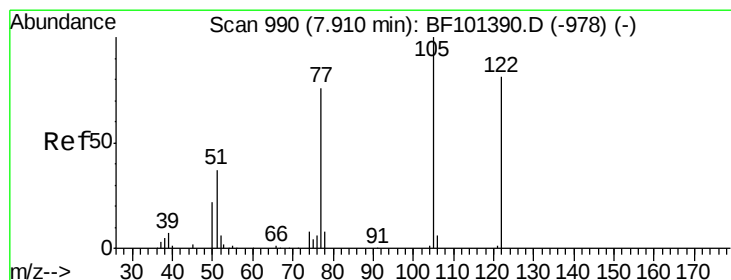
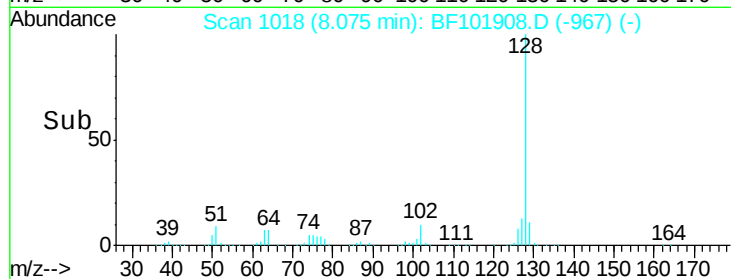
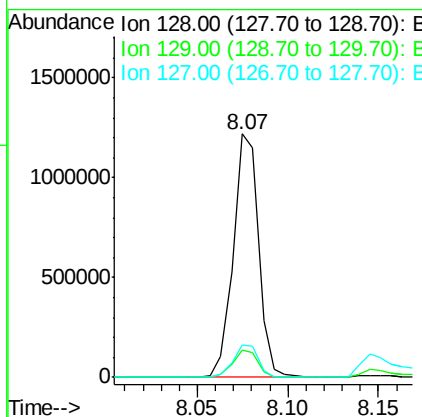
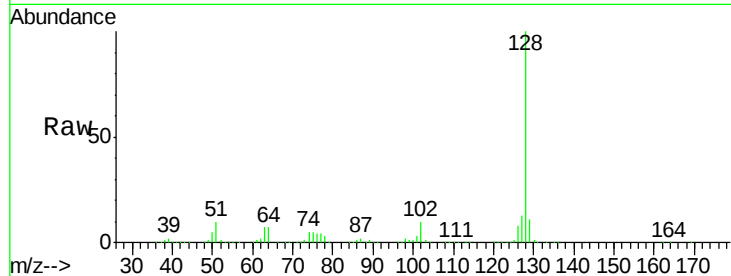
#31
Naphthalene
Concen: 39.143 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Instrument :
BNA_F
ClientSampleId :
B-1(10)MSD

Tot Ion:128 Resp: 1190407
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.5 10.9 16.3

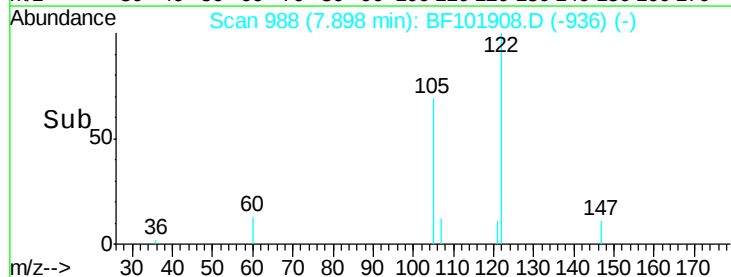
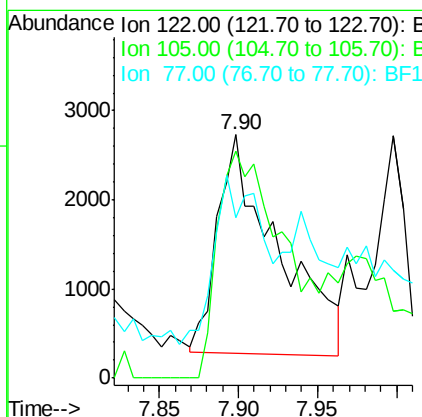
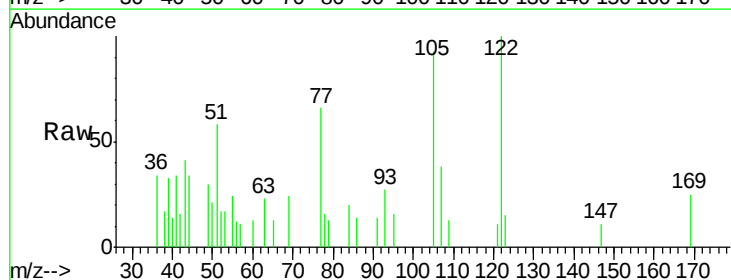
Manual Integrations
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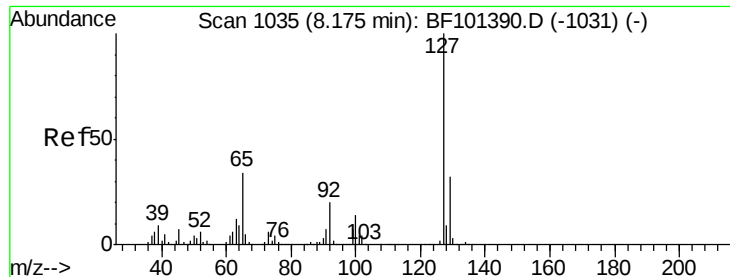
Sohil
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#32
Benzoic acid
Concen: 8.880 ng m
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Tgt Ion:122 Resp: 6507
Ion Ratio Lower Upper
122 100
105 93.1 101.1 141.1#
77 65.7 70.7 110.7#





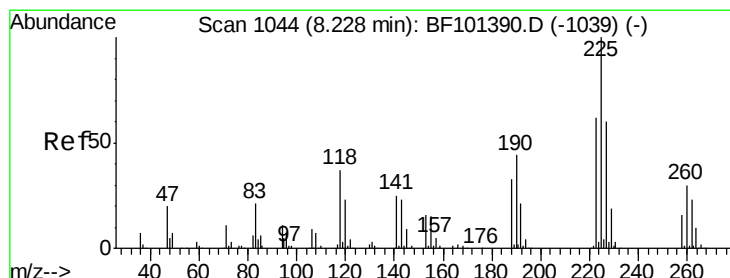
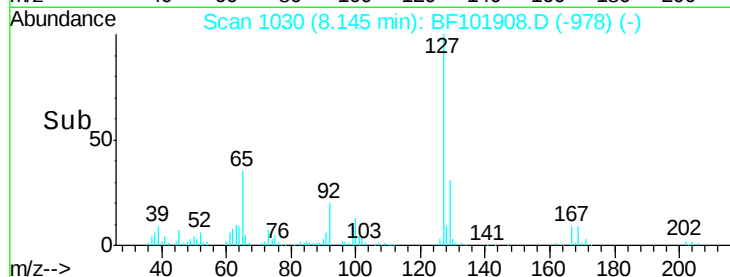
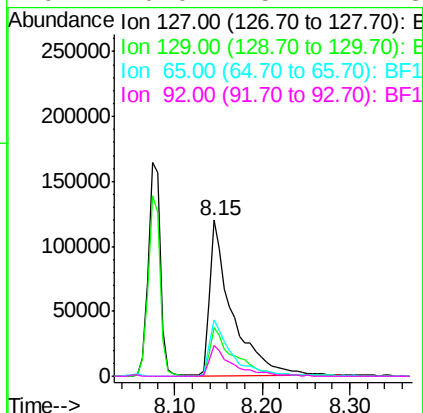
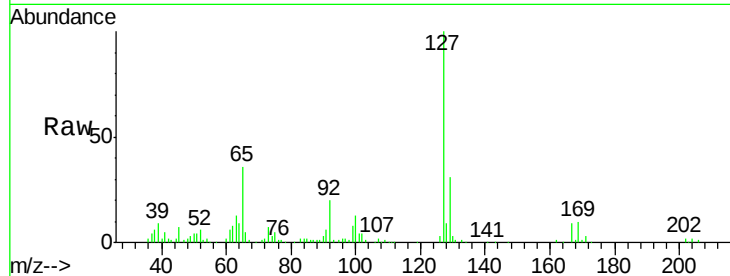
#33
4-Chloroaniline
Concen: 16.184 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Instrument :
BNA_F
ClientSampleId :
B-1(10)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.4	25.9	38.9		
65	35.8	25.0	37.4		
92	20.0	15.2	22.8		

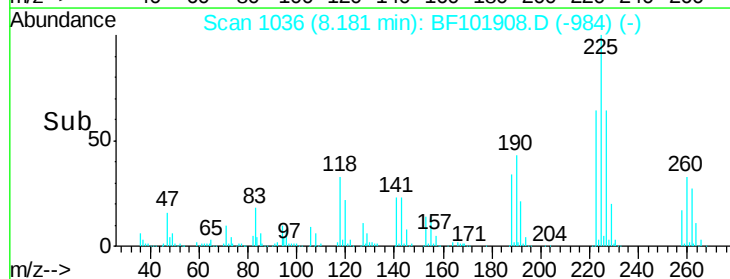
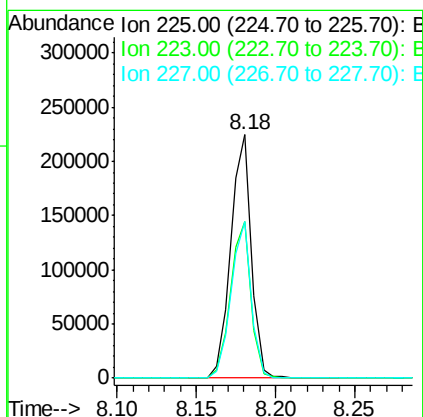
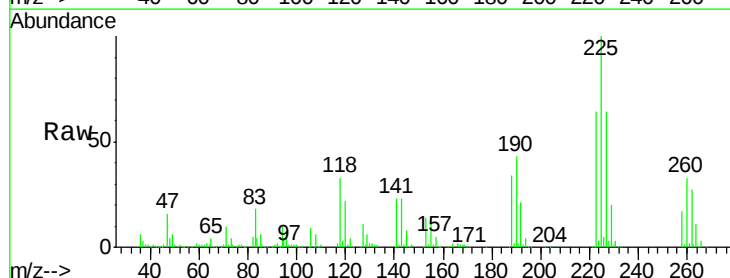
Manual Integrations
APPROVED

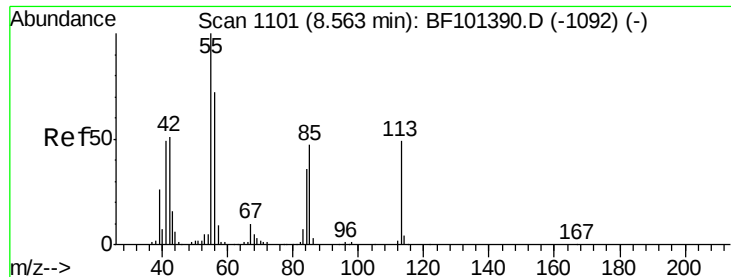
Sohil
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#34
Hexachlorobutadiene
Concen: 38.220 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.3	50.6	76.0		
227	64.4	51.9	77.9		





#35

Caprolactam

Concen: 39.762 ng

RT: 8.53 min Scan# 1095

Delta R.T. 0.01 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Instrument :

BNA_F

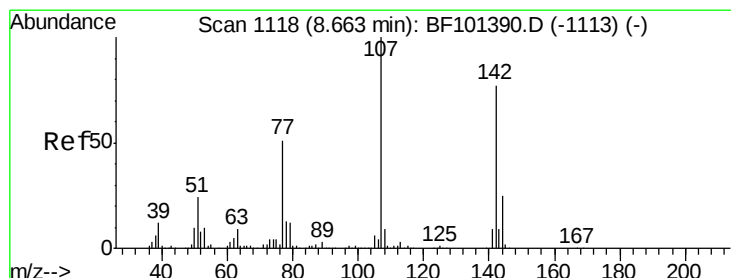
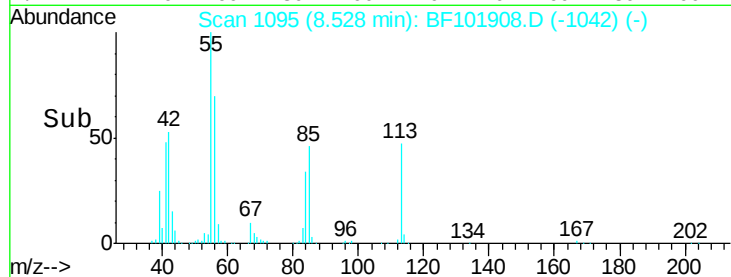
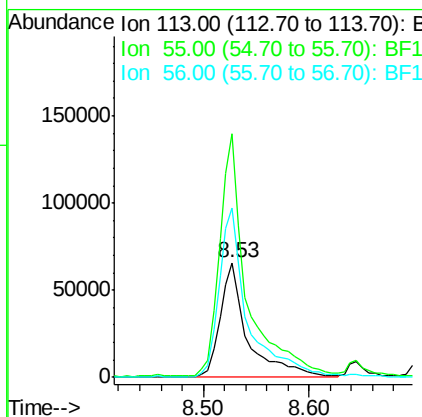
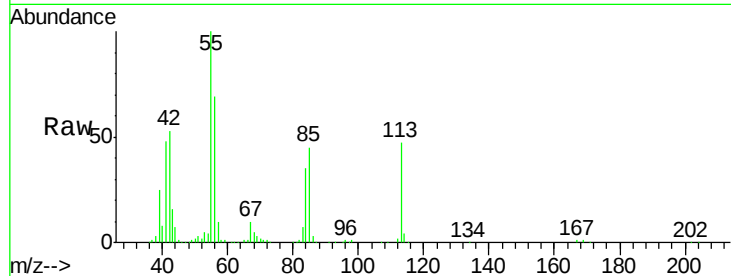
ClientSampleId :

B-1(10)MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	212.1	163.3	203.3#
56	147.2	115.7	155.7

Manual Integrations
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1/5/2018 12:29:33 PM



#36

4-Chloro-3-methylphenol

Concen: 40.408 ng

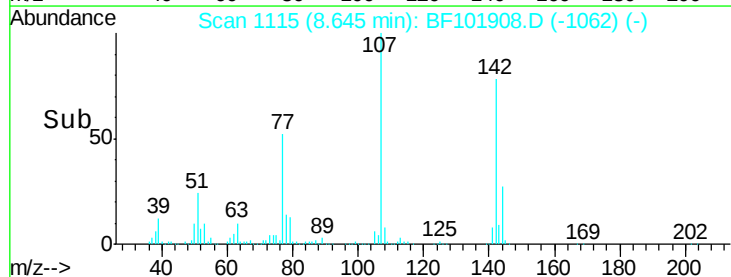
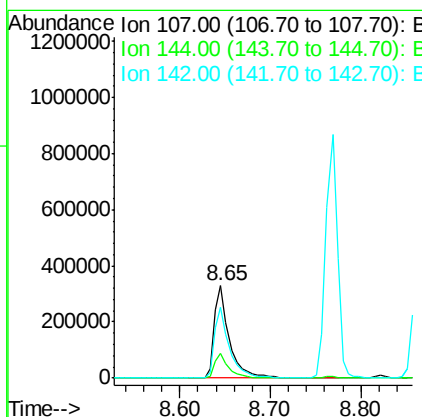
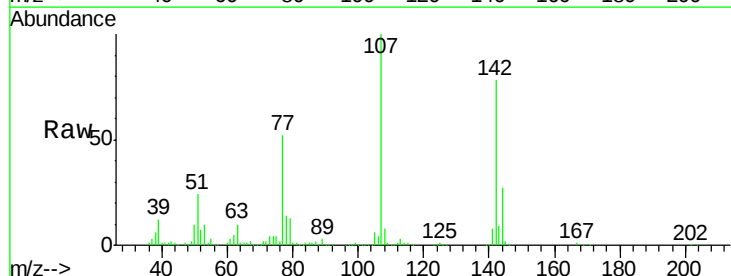
RT: 8.65 min Scan# 1115

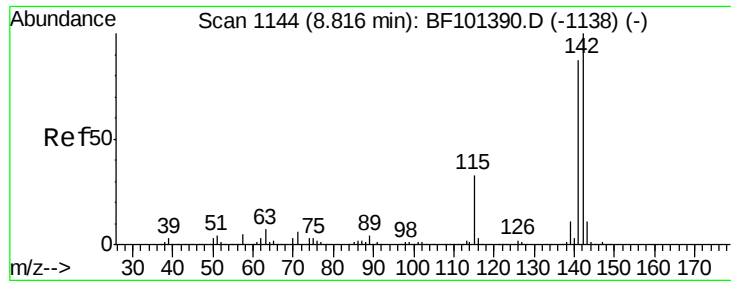
Delta R.T. 0.01 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.9	20.5	30.7
142	77.6	62.0	93.0





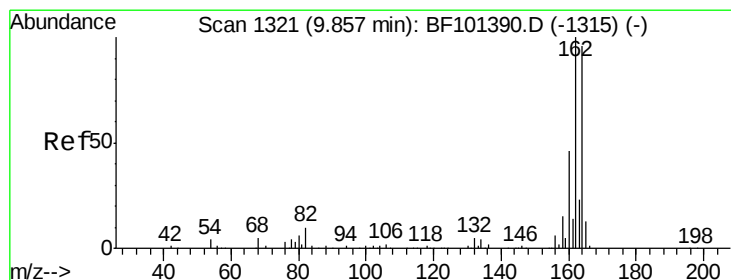
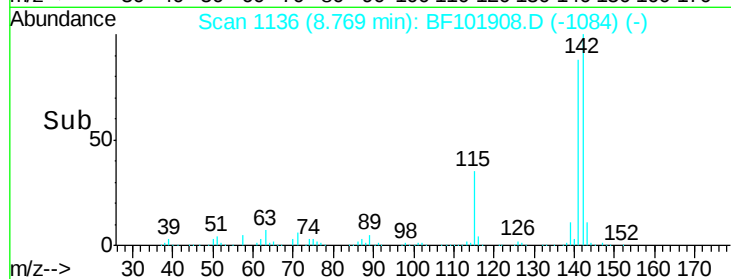
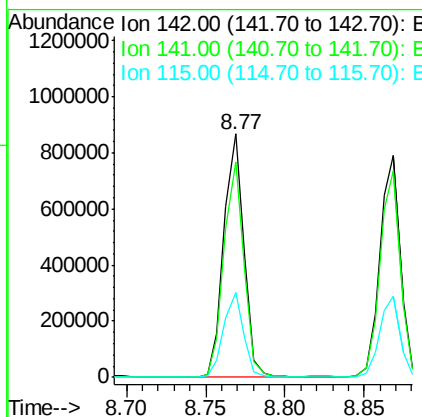
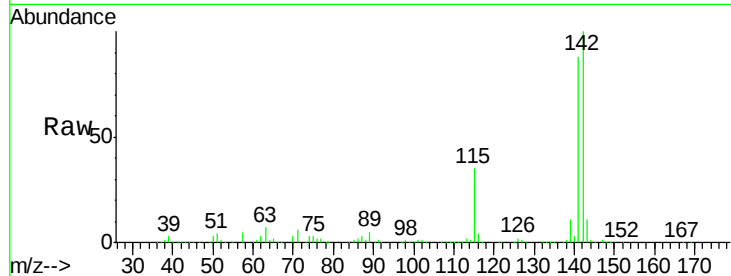
#37
2-Methylnaphthalene
Concen: 38.539 ng
RT: 8.77 min Scan# 1136
Delta R.T. 0.01 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Instrument :
BNA_F
ClientSampleId :
B-1(10)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.8	106.2
115	34.7	26.1	39.1

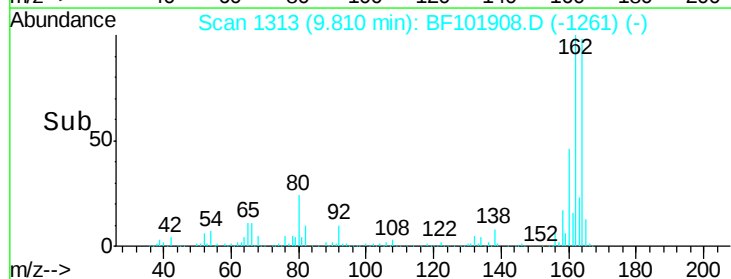
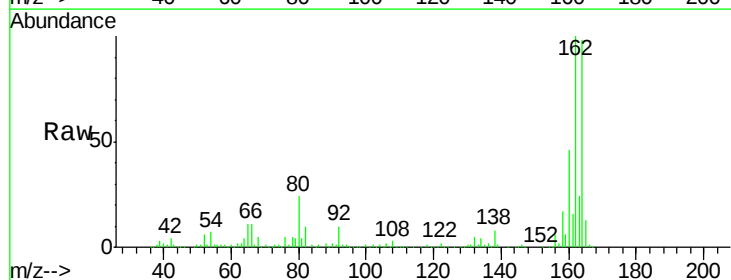
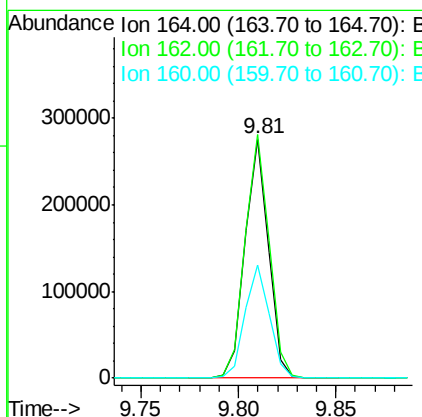
Manual Integrations
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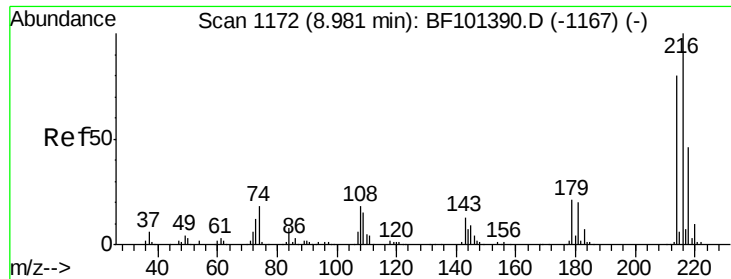
Sohil
1/5/2018 12:29:33 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	86.1	129.1
160	47.0	38.3	57.5





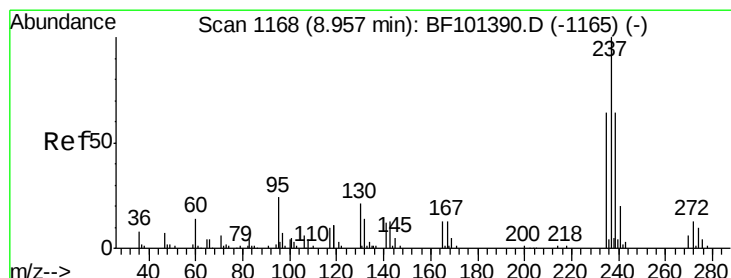
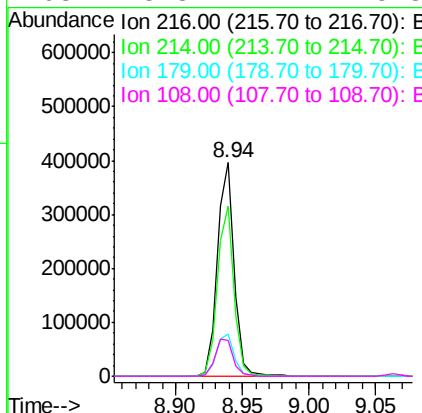
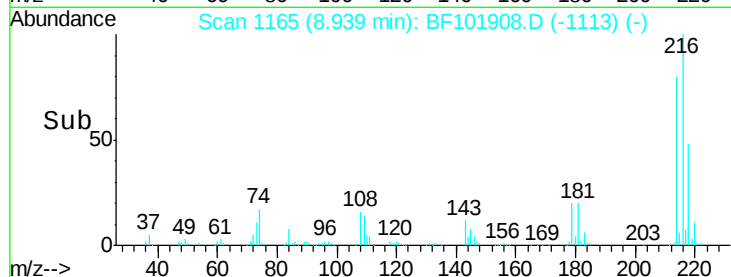
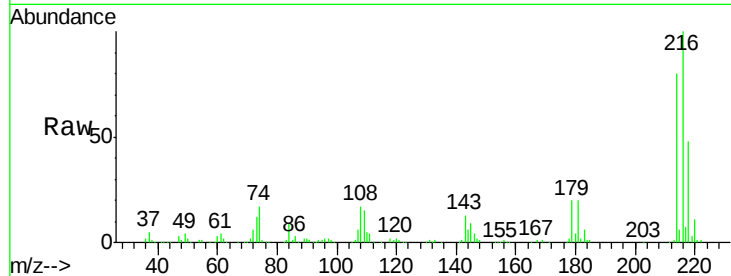
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.415 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.01 min
 Lab File: BF101908.D
 Acq: 4 Jan 2018 23:03

Instrument :
 BNA_F
 ClientSampleId :
 B-1(10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.1	63.0	94.4	
179	20.9	18.1	27.1	
108	18.8	17.2	25.8	

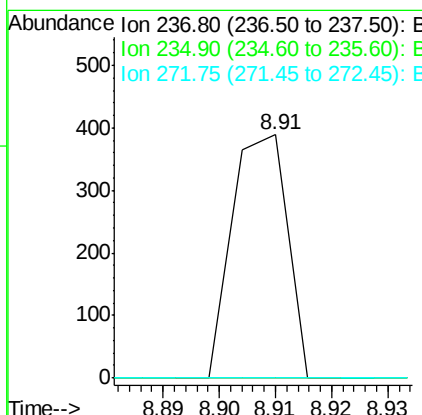
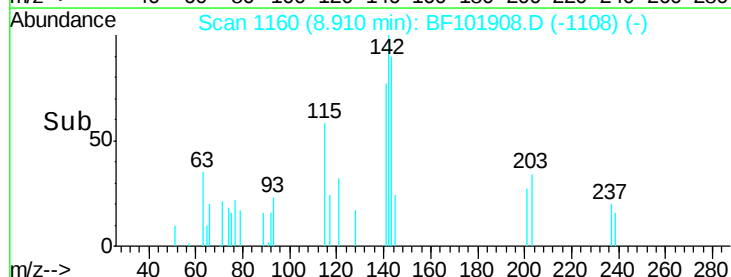
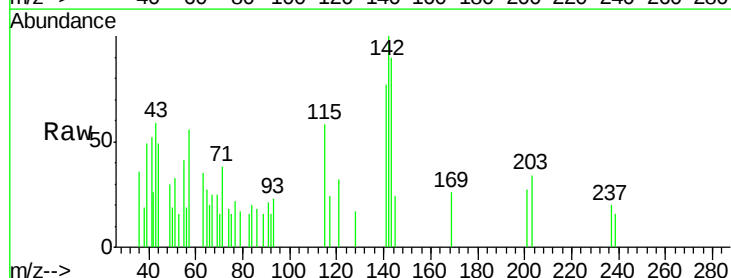
Manual Integrations
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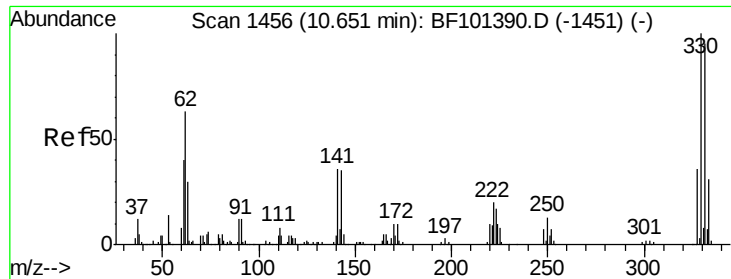
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 11.533 ng m
 RT: 8.91 min Scan# 1160
 Delta R.T. 0.01 min
 Lab File: BF101908.D
 Acq: 4 Jan 2018 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	0.0	44.8	84.8#	
272	0.0	0.0	33.3	





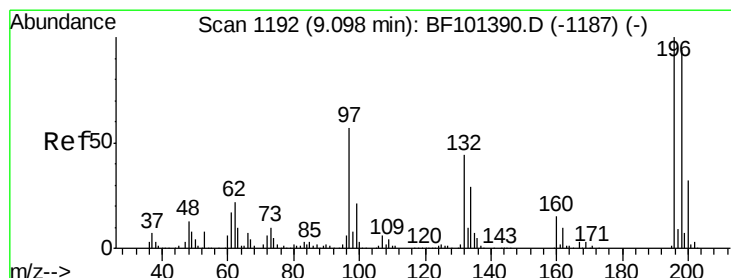
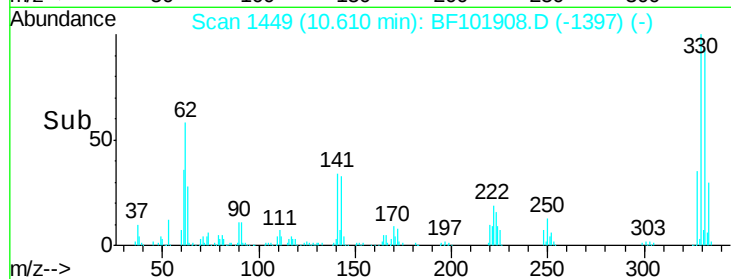
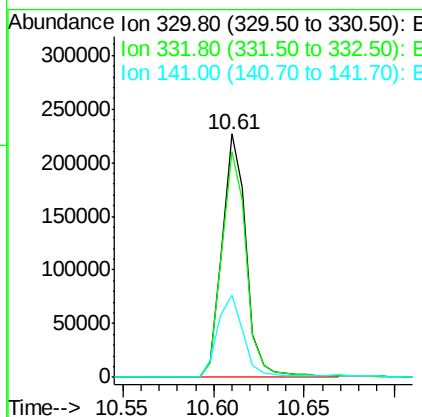
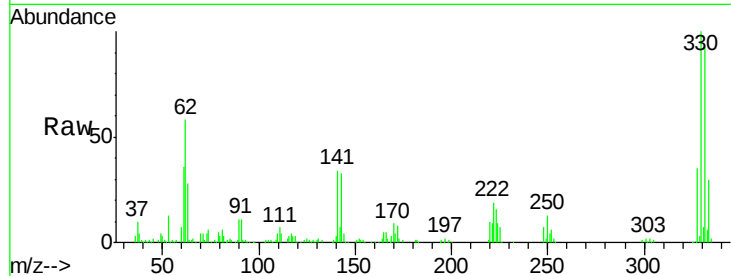
#41
 2,4,6-Tribromophenol
 Concen: 94.803 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.01 min
 Lab File: BF101908.D
 Acq: 4 Jan 2018 23:03

Instrument :
 BNA_F
 ClientSampleId :
 B-1(10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	209925		
332	96.3	77.0	115.6	
141	36.6	29.9	44.9	

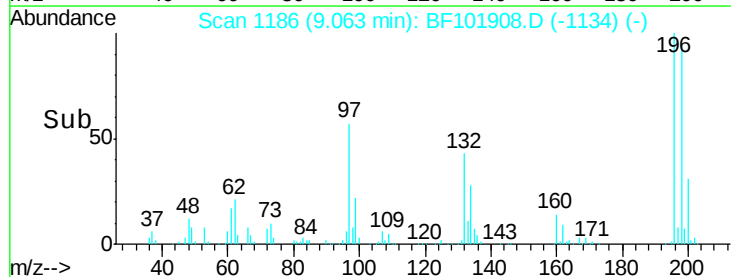
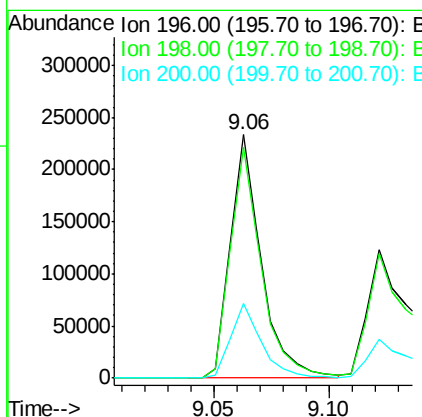
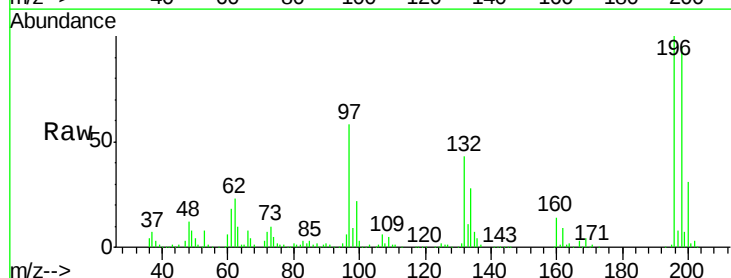
Manual Integrations
 APPROVED

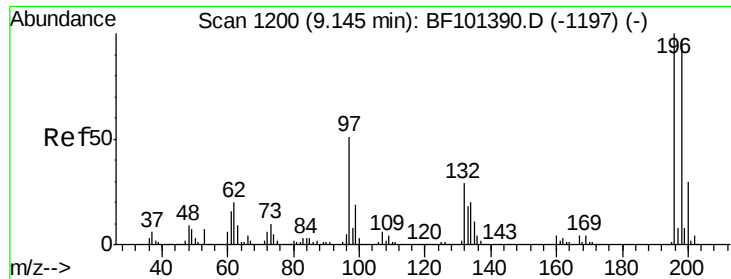
Sohil
 1/5/2018 12:29:33 PM



#42
 2,4,6-Trichlorophenol
 Concen: 46.619 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.01 min
 Lab File: BF101908.D
 Acq: 4 Jan 2018 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	217754		
198	94.7	75.7	113.5	
200	30.8	24.5	36.7	





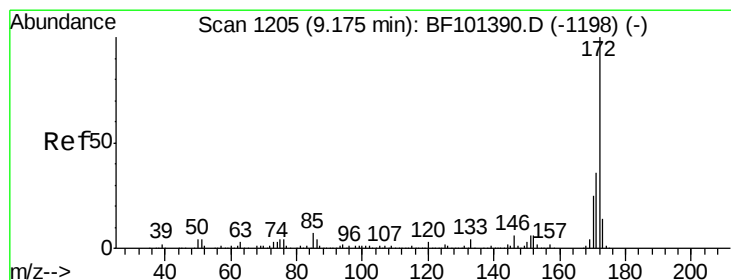
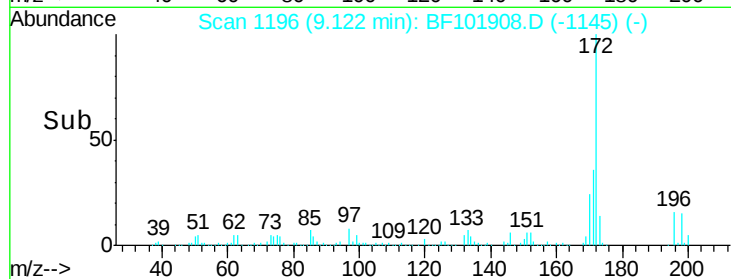
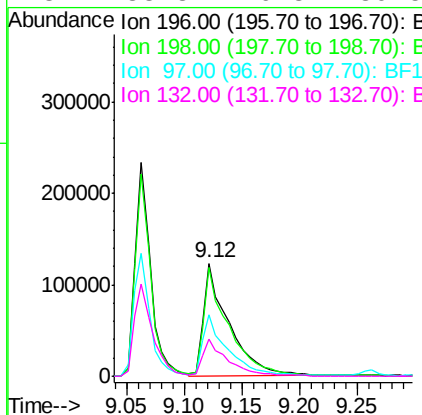
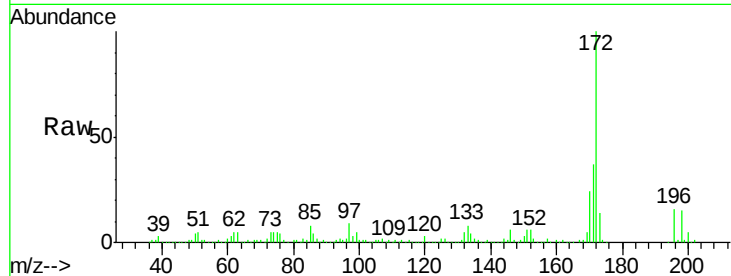
#43
 2,4,5-Trichlorophenol
 Concen: 37.159 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF101908.D
 Acq: 4 Jan 2018 23:03

Instrument :
 BNA_F
 ClientSampleId :
 B-1(10)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		190045		
198	96.9	74.6	112.0		
97	54.1	42.9	64.3		
132	33.3	26.3	39.5		

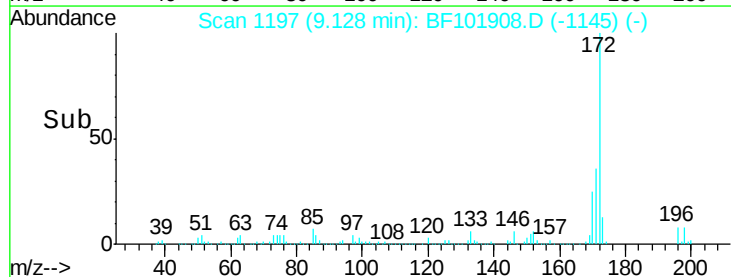
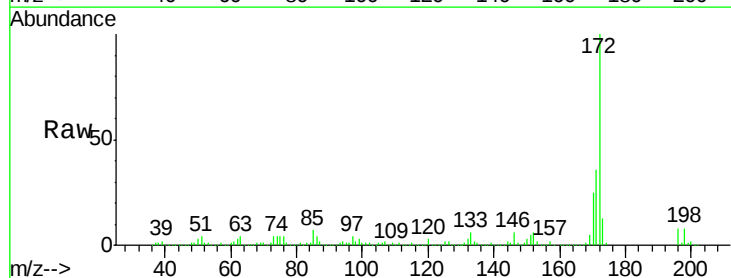
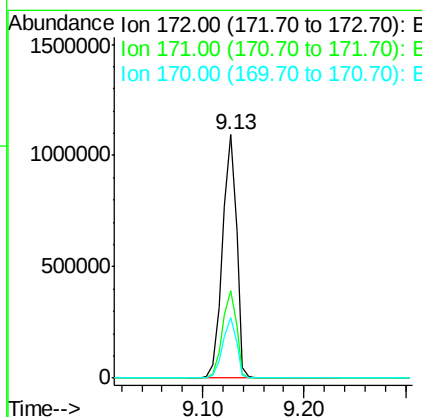
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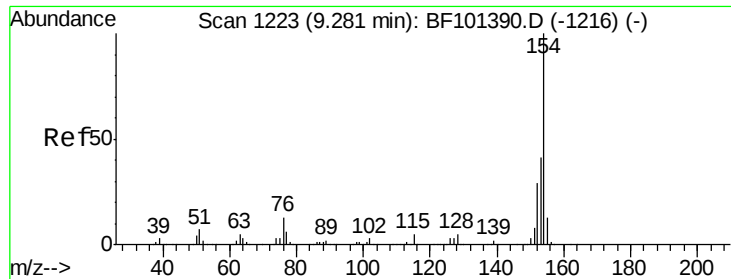
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 70.876 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF101908.D
 Acq: 4 Jan 2018 23:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1049973		
171	36.1	29.7	44.5		
170	24.7	19.6	29.4		





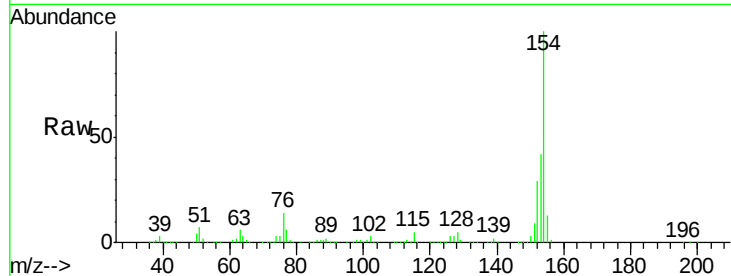
#45
 1,1'-Biphenyl
 Concen: 43.988 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF101908.D
 Acq: 4 Jan 2018 23:03

Instrument :
 BNA_F
 ClientSampleId :
 B-1(10)MSD

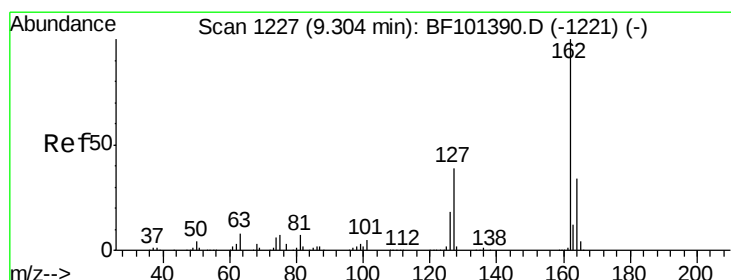
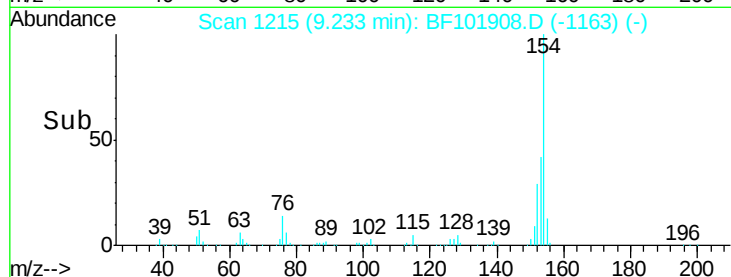
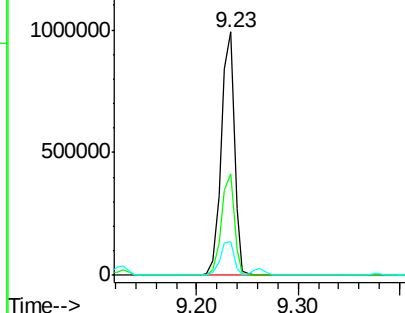
Tot Ion:	154	Resp:	896481
Ion Ratio	Lower	Upper	
154	100		
153	41.6	21.3	61.3
76	13.8	0.0	34.0

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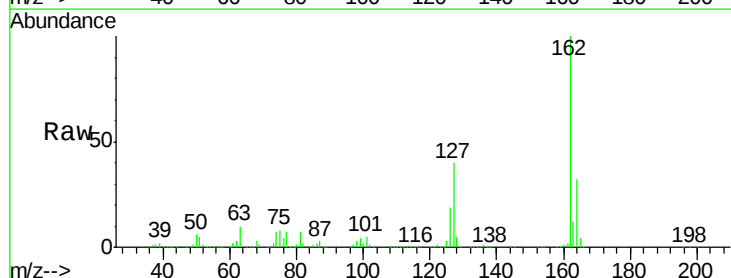


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

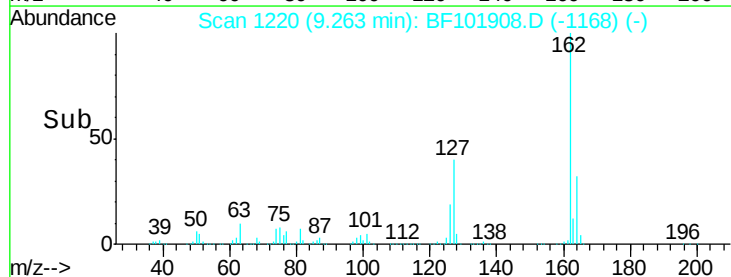
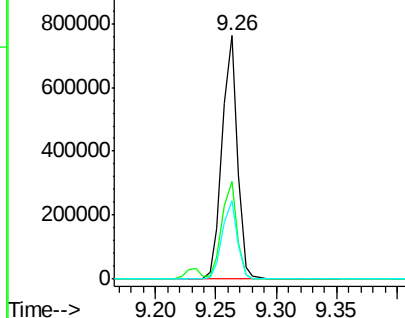


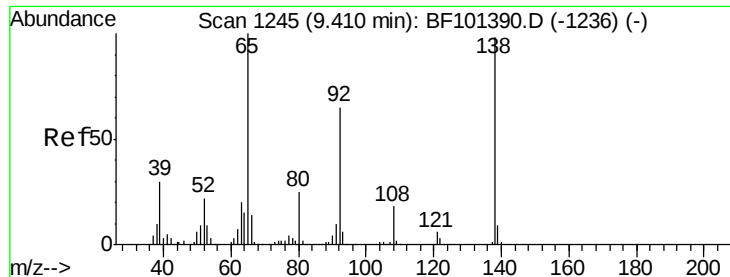
#46
 2-Chloronaphthalene
 Concen: 42.476 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF101908.D
 Acq: 4 Jan 2018 23:03

Tgt Ion:	162	Resp:	662369
Ion Ratio	Lower	Upper	
162	100		
127	40.3	33.9	50.9
164	32.5	26.5	39.7



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





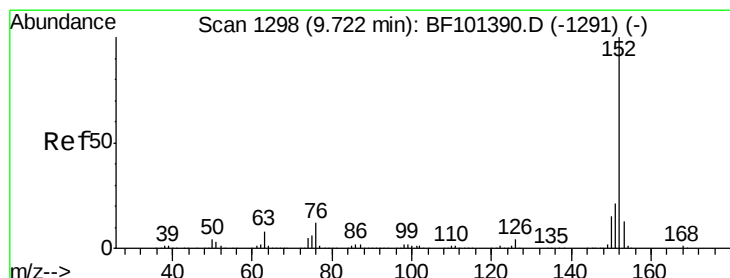
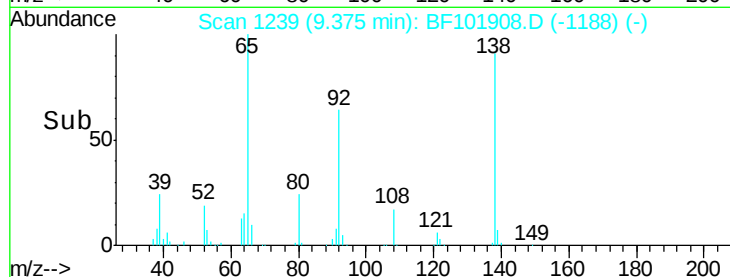
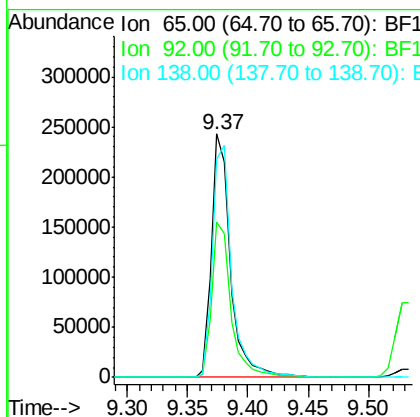
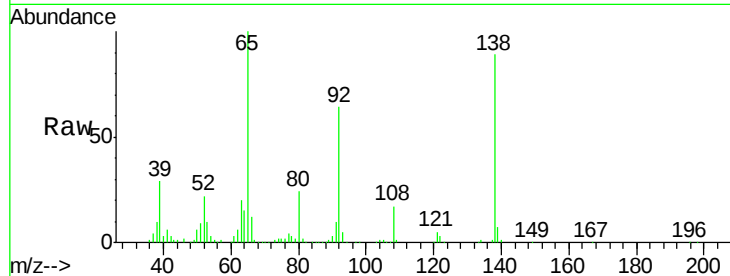
#47
2-Nitroaniline
Concen: 48.893 ng
RT: 9.37 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Instrument :
BNA_F
ClientSampleId :
B-1(10)MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.6	55.8	83.6
138	89.5	91.2	136.8#

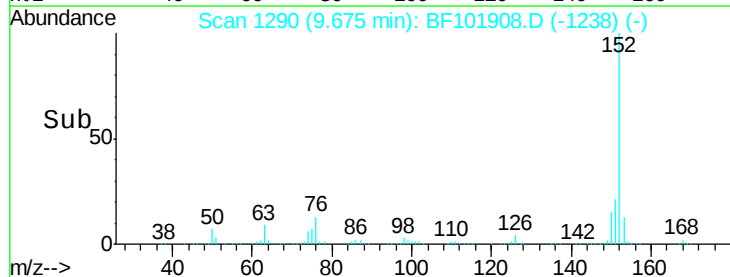
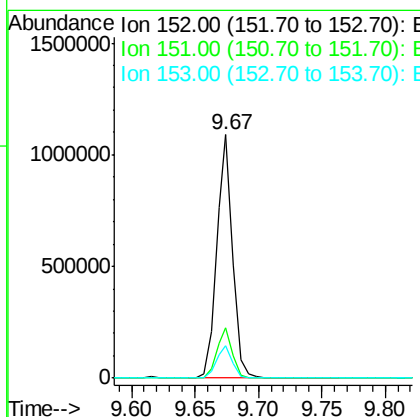
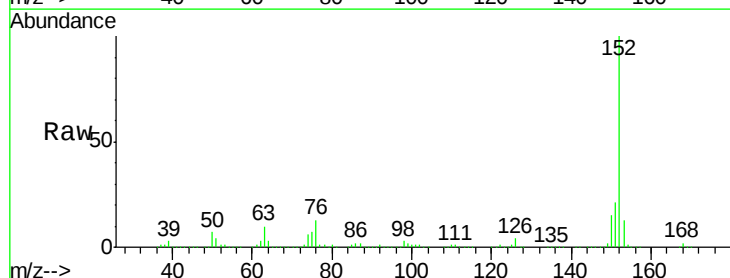
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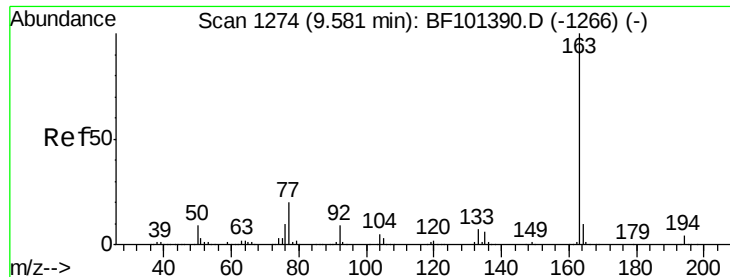
Sohil
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#48
Acenaphthylene
Concen: 38.716 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.2	10.7	16.1





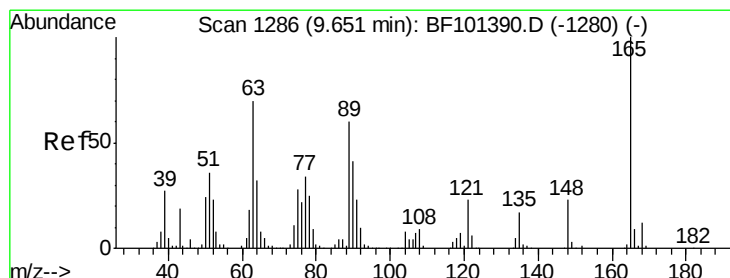
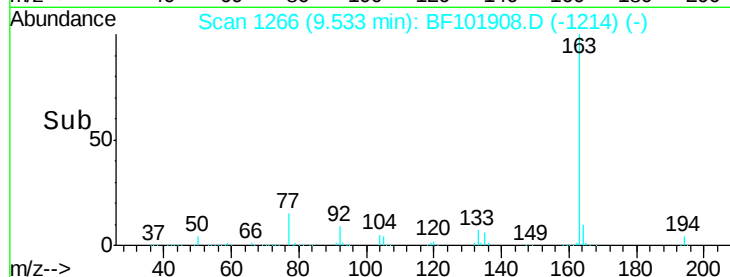
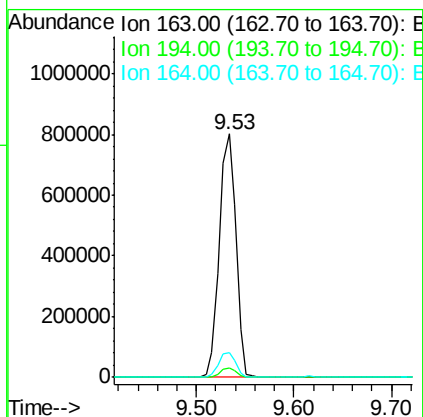
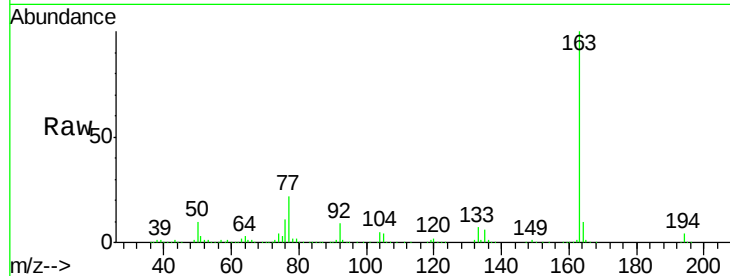
#49
Dimethylphthalate
Concen: 51.469 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.01 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Instrument :
BNA_F
ClientSampleId :
B-1(10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	951380		
194	3.7		2.7	4.1
164	10.1		8.2	12.2

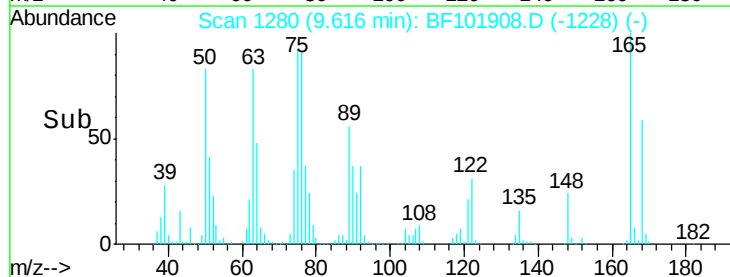
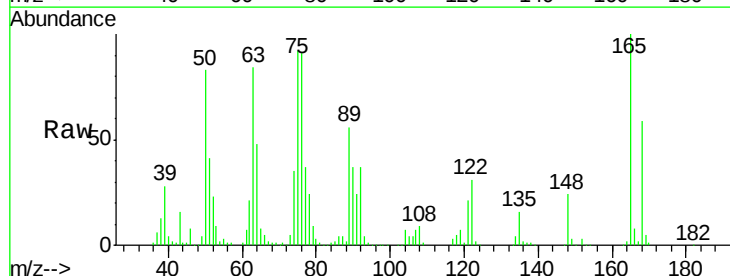
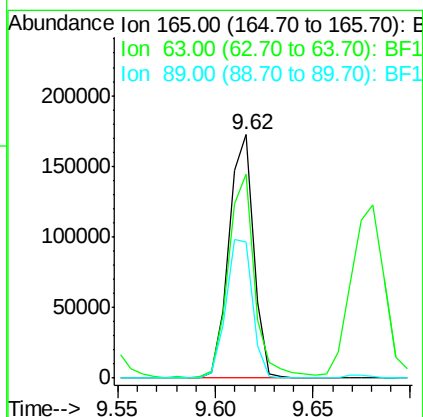
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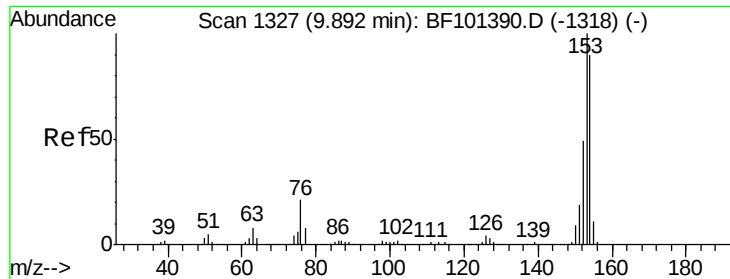
Sohil
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#50
2,6-Dinitrotoluene
Concen: 40.342 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	151557		
63	83.6		44.7	67.1#
89	56.0		44.0	66.0





#51

Acenaphthene

Concen: 38.091 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Instrument :

BNA_F

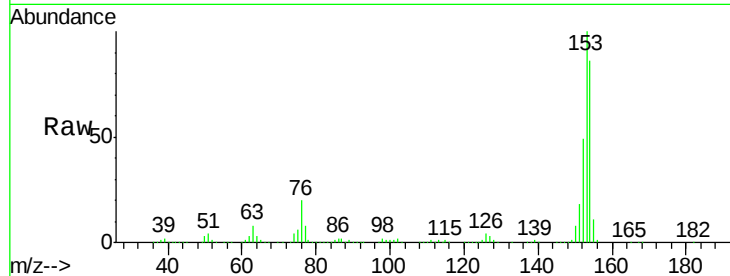
ClientSampleId :

B-1(10)MSD

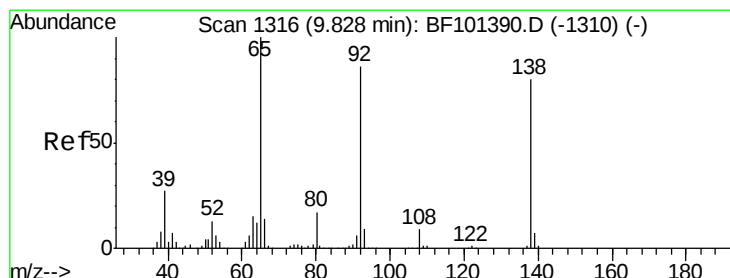
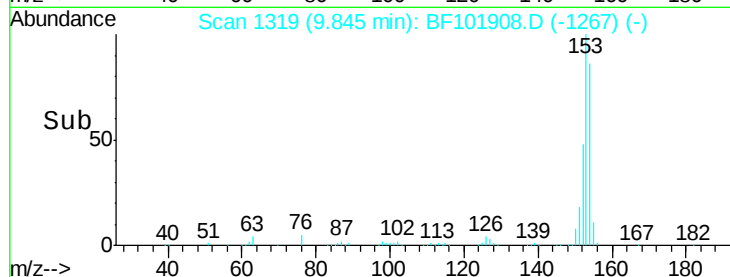
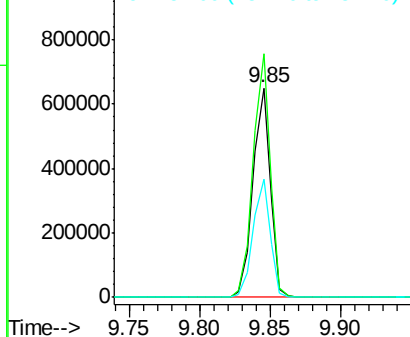
Tot Ion:	154	Resp:	563663
Ion Ratio	Lower	Upper	
154	100		
153	116.3	91.2	136.8
152	56.4	43.8	65.8

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



#52

3-Nitroaniline

Concen: 33.396 ng

RT: 9.79 min Scan# 1310

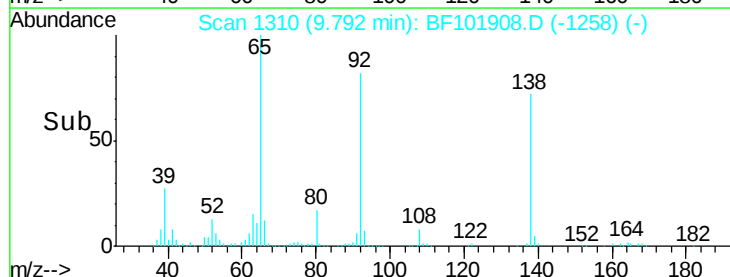
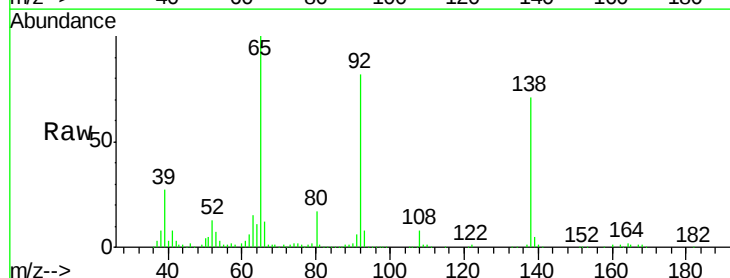
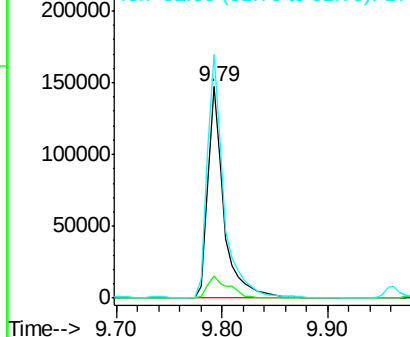
Delta R.T. 0.01 min

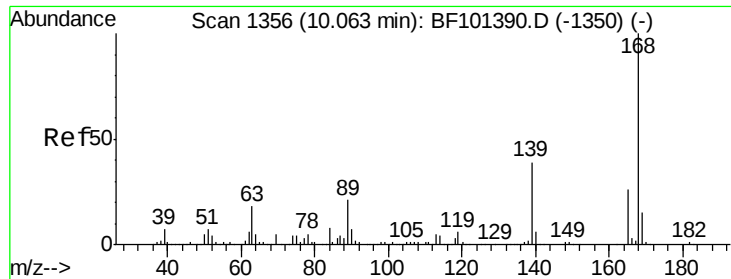
Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Tgt Ion:	138	Resp:	156421
Ion Ratio	Lower	Upper	
138	100		
108	10.5	9.4	14.0
92	115.2	89.4	134.2

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





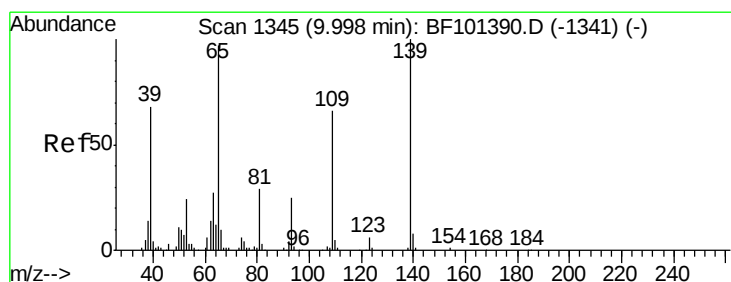
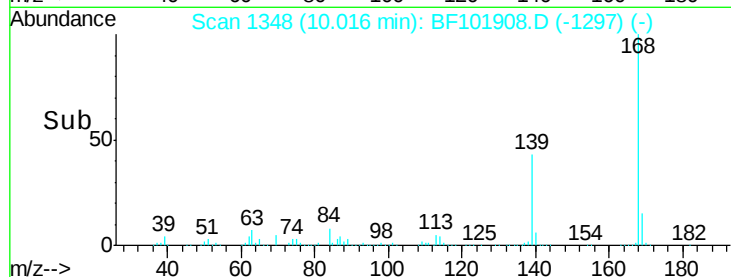
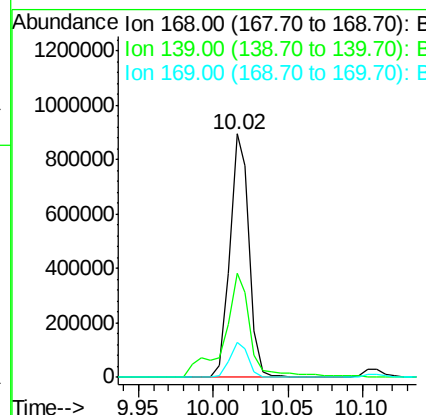
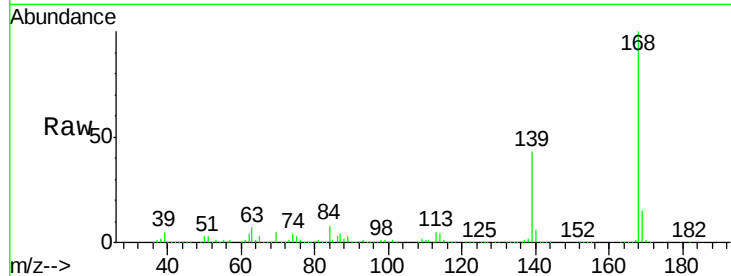
#54
Dibenzofuran
Concen: 43.408 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Instrument :
BNA_F
ClientSampled :
B-1(10)MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.6	30.1	45.1
169	14.5	10.9	16.3

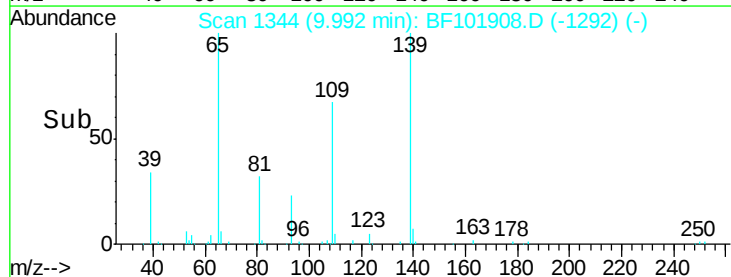
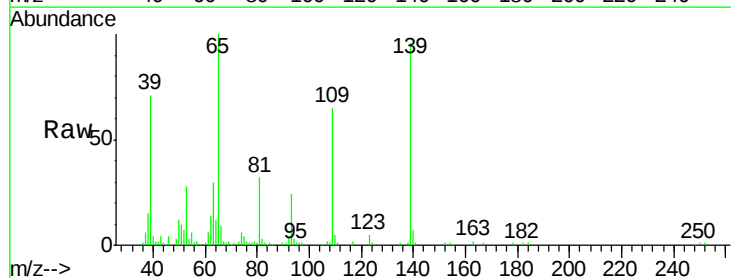
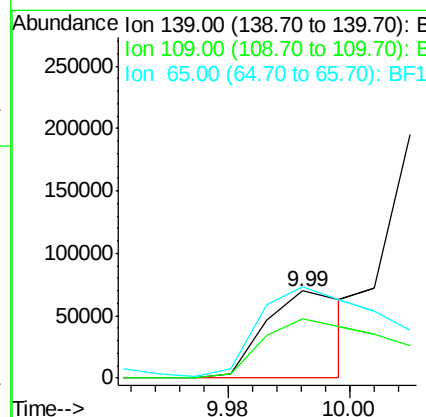
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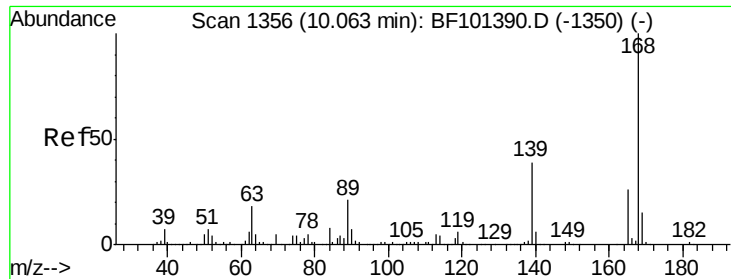
Sohil
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#55
4-Nitrophenol
Concen: 31.706 ng m
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.0	48.4	88.4
65	104.4	72.6	112.6





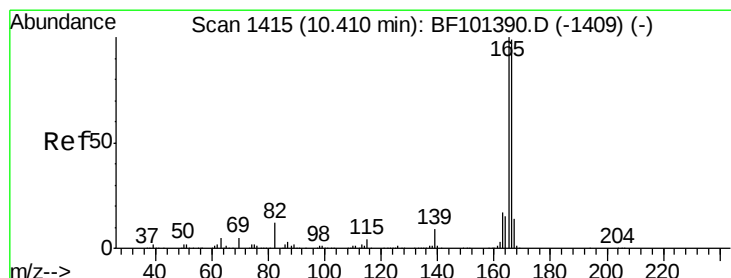
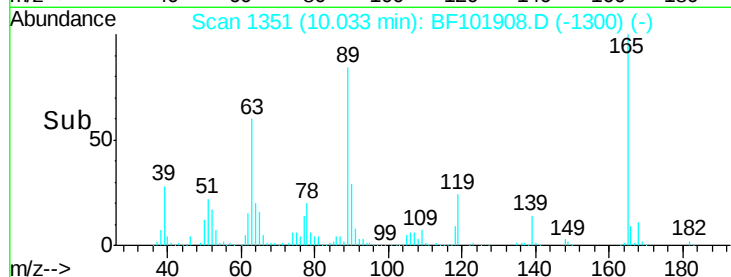
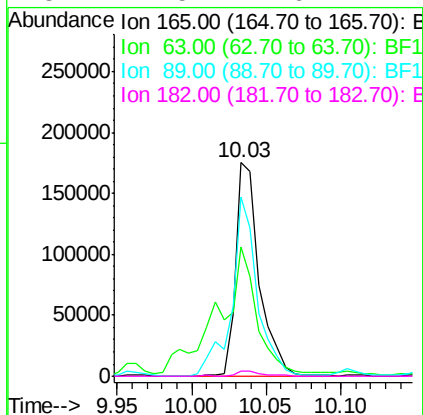
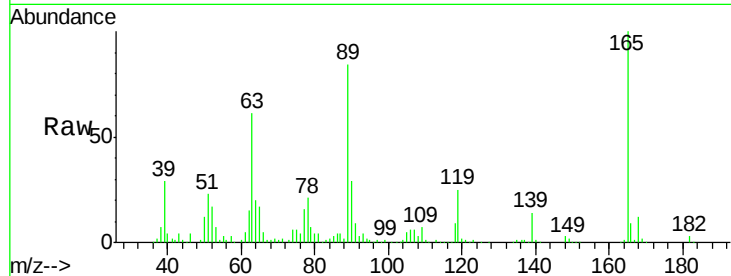
#56
2,4-Dinitrotoluene
Concen: 46.033 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Instrument :
BNA_F
ClientSampleId :
B-1(10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	194847		
63	60.6	36.4	54.6#	
89	84.1	57.8	86.6	
182	2.5	1.6	2.4#	

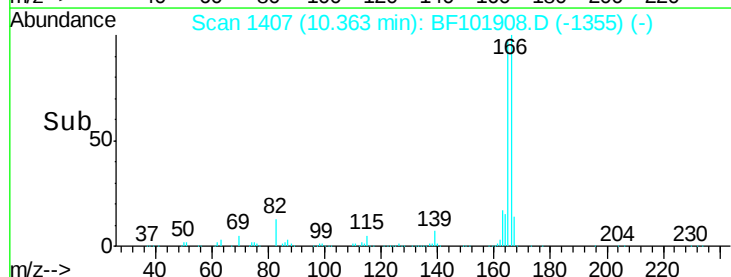
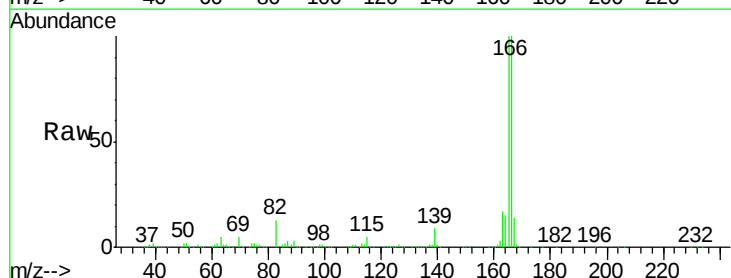
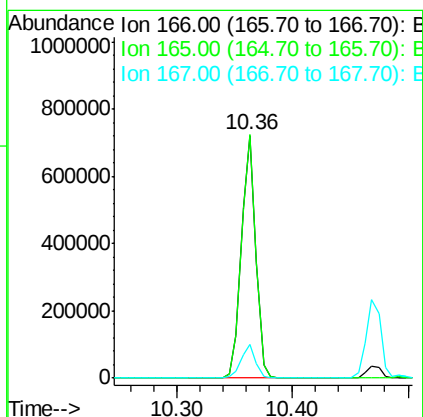
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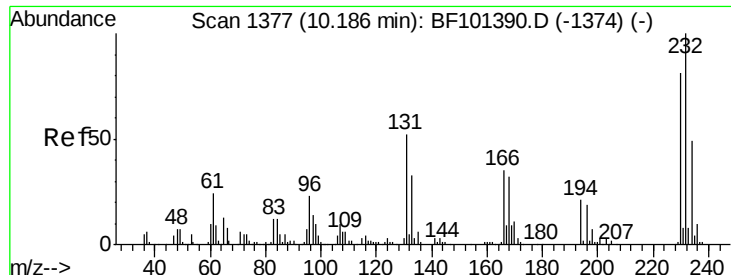
Sohil
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#57
Fluorene
Concen: 39.345 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	625920		
165	100.4	79.8	119.8	
167	13.8	10.6	16.0	





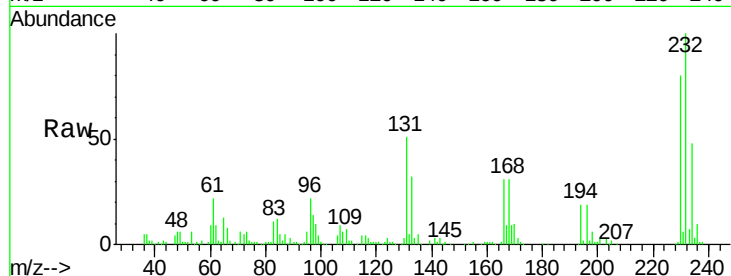
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.368 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. 0.00 min
 Lab File: BF101908.D
 Acq: 4 Jan 2018 23:03

Instrument :
 BNA_F
 ClientSampleId :
 B-1(10)MSD

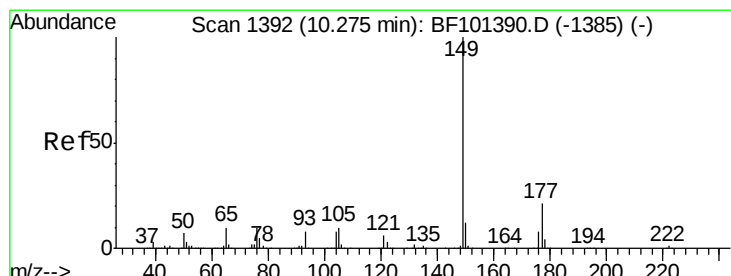
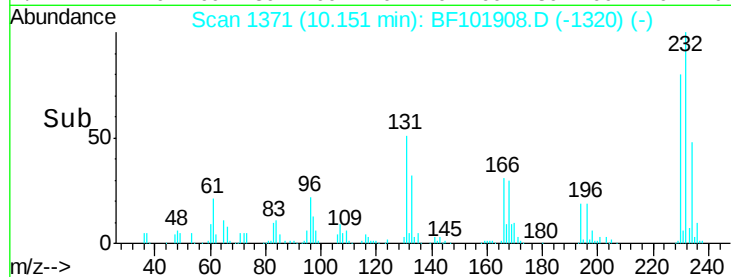
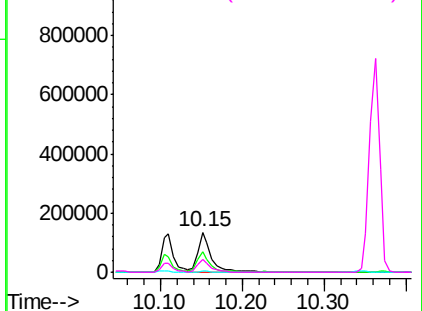
Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		152005		
131	47.5	43.8	65.8		
130	2.5	2.1	3.1		
166	29.3	27.8	41.6		

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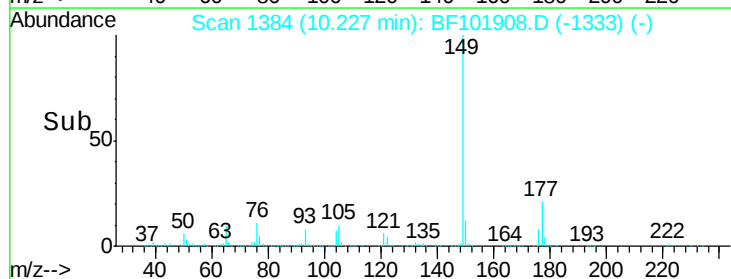
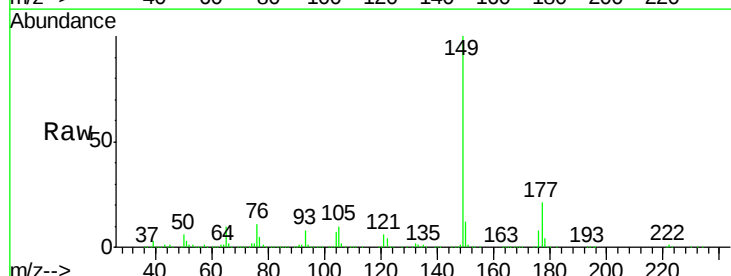
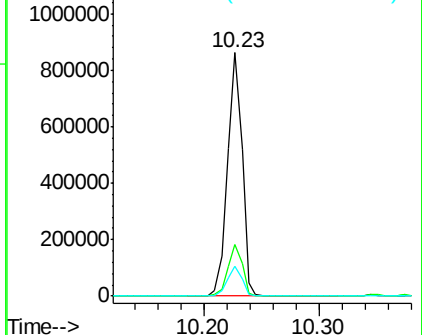
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

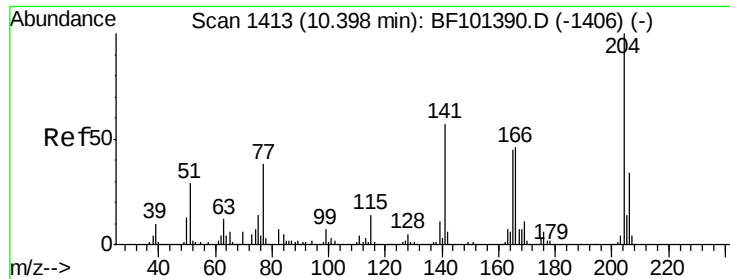


#59
 Diethylphthalate
 Concen: 41.064 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BF101908.D
 Acq: 4 Jan 2018 23:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		751677		
177	21.4	16.1	24.1		
150	12.3	10.1	15.1		

Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





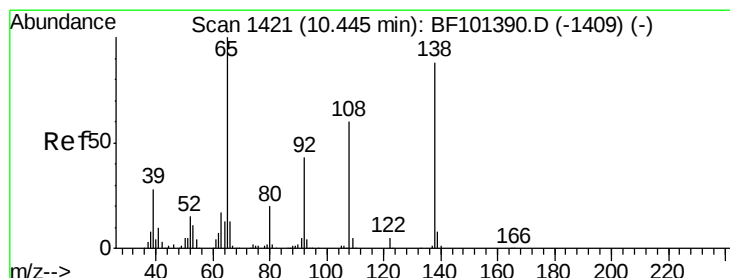
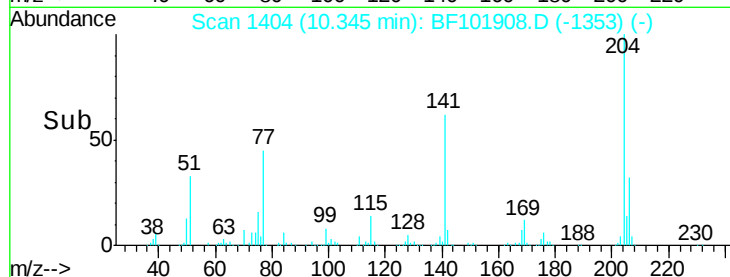
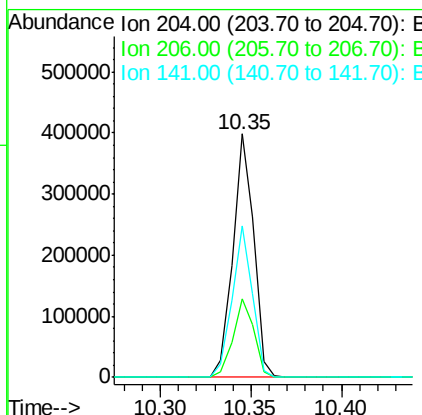
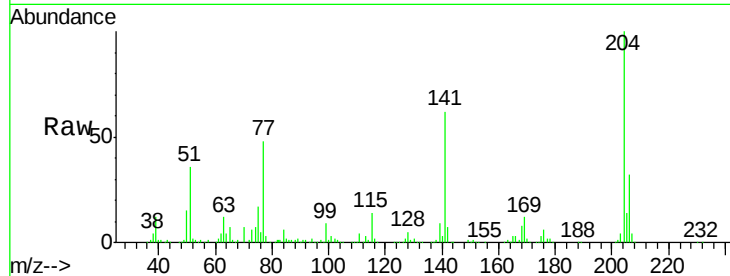
#60
4-Chlorophenyl-phenylether
Concen: 41.822 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Instrument :
BNA_F
ClientSampled :
B-1(10)MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.5	39.7
141	62.1	54.6	81.8

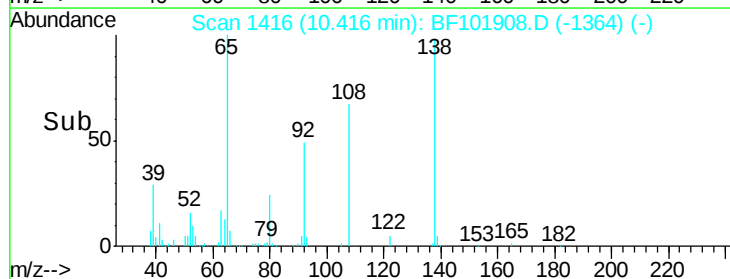
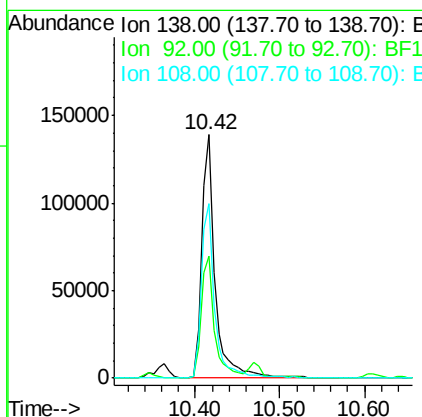
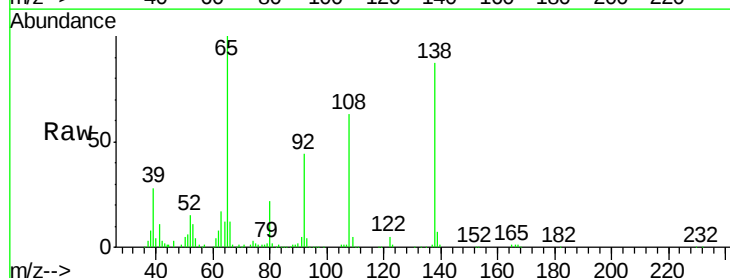
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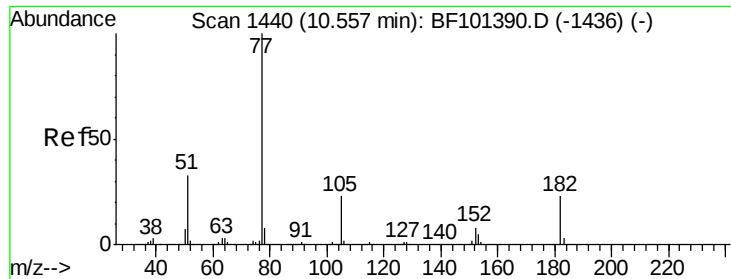
Sohil
1/5/2018 12:29:33 PM



#61
4-Nitroaniline
Concen: 32.013 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.1	30.2	70.2
108	71.8	52.5	92.5





#62

Azobenzene

Concen: 38.942 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Instrument :

BNA_F

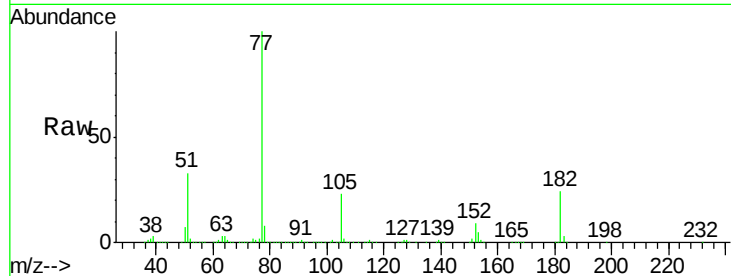
ClientSampleId :

B-1(10)MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	23.6	1.7	41.7	
105	23.2	3.0	43.0	
51	32.7	9.9	49.9	

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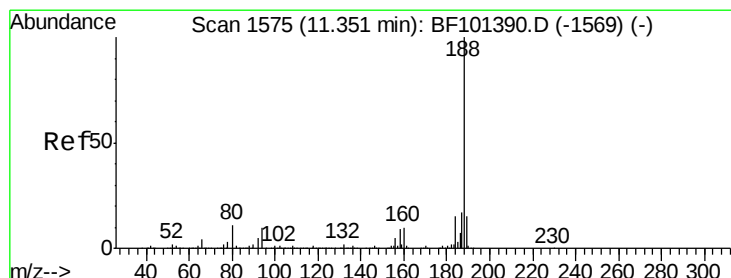
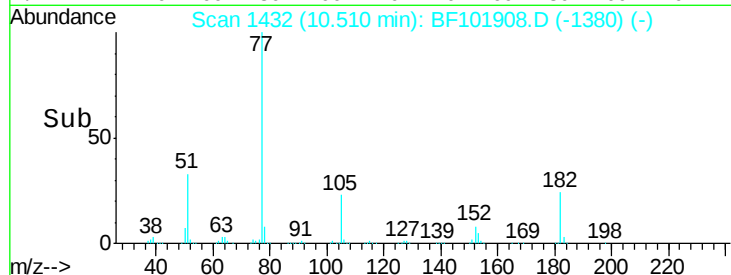
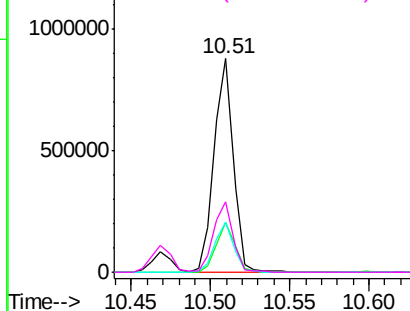


Abundance Ion 77.00 (76.70 to 77.70): BF1

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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1567

Delta R.T. 0.01 min

Lab File: BF101908.D

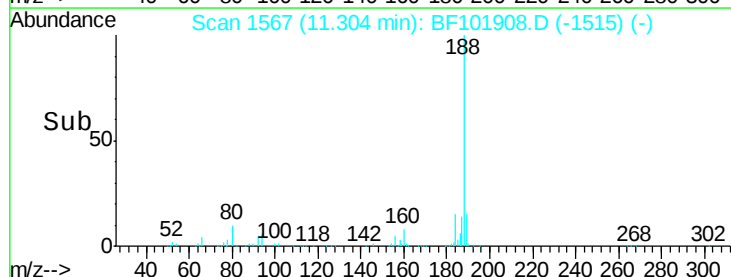
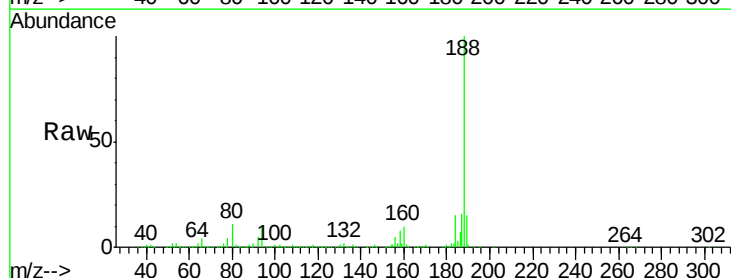
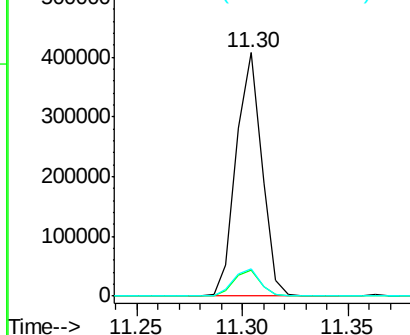
Acq: 4 Jan 2018 23:03

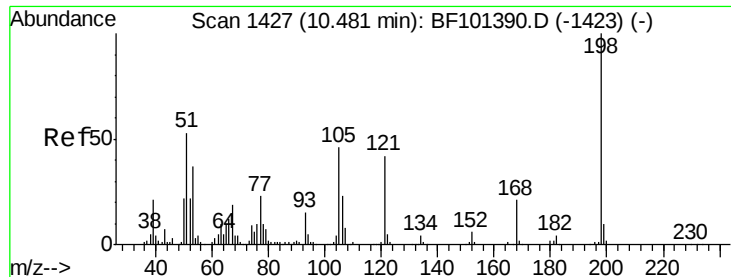
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.4	8.5	12.7	
80	11.0	9.2	13.8	

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





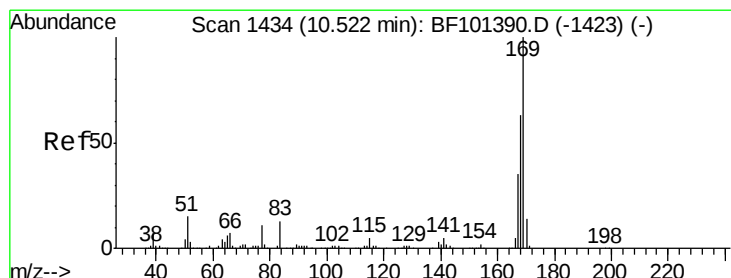
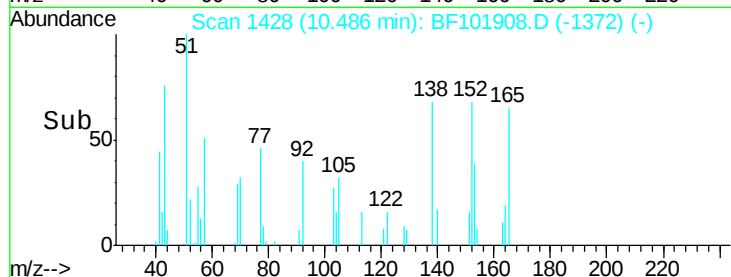
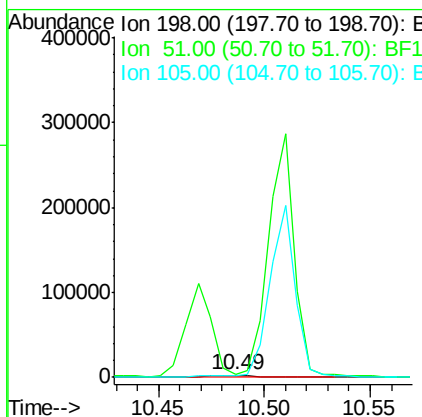
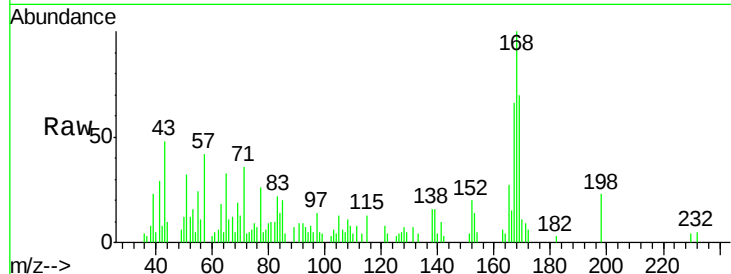
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.276 ng/ml
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.03 min
 Lab File: BF101908.D
 Acq: 4 Jan 2018 23:03

Instrument :
 BNA_F
 ClientSampleId :
 B-1(10)MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	139.8	37.7	77.7#
105	55.9	36.3	76.3

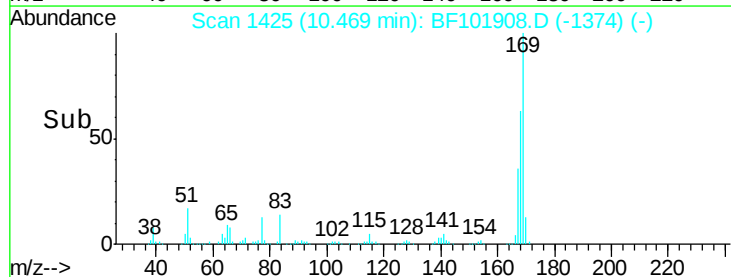
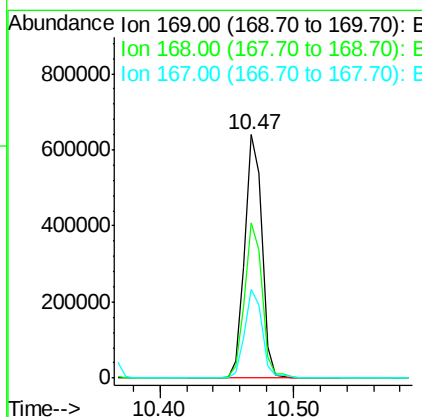
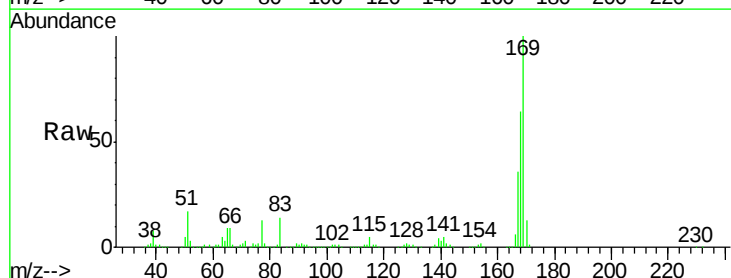
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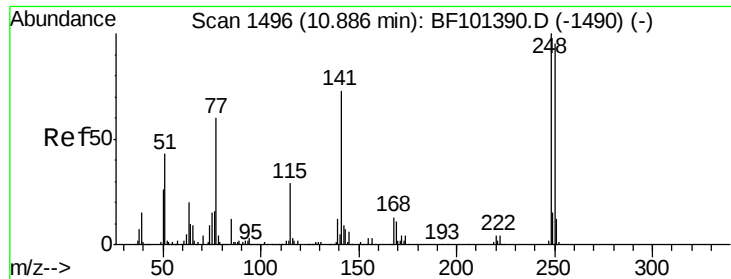
Sohil
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#65
 n-Nitrosodiphenylamine
 Concen: 45.447 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF101908.D
 Acq: 4 Jan 2018 23:03

Tgt Ion	Ratio	Lower	Upper
169	100		
168	63.9	54.4	81.6
167	36.3	29.8	44.6





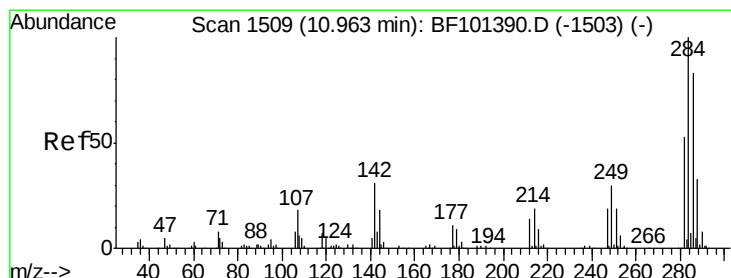
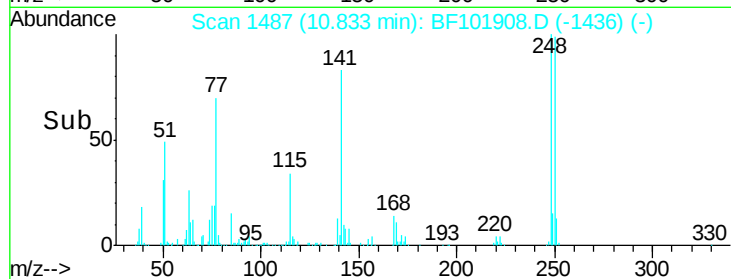
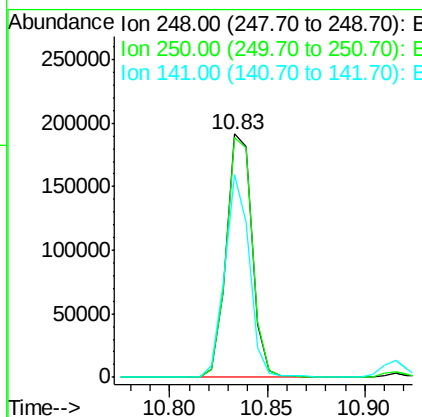
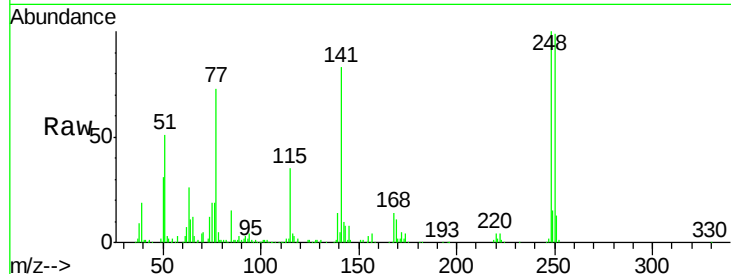
#66
4-Bromophenyl-phenylether
Concen: 45.766 ng
RT: 10.83 min Scan# 1487
Delta R.T. 0.00 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Instrument :
BNA_F
ClientSampled :
B-1(10)MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	76.9	115.3
141	83.5	74.4	111.6

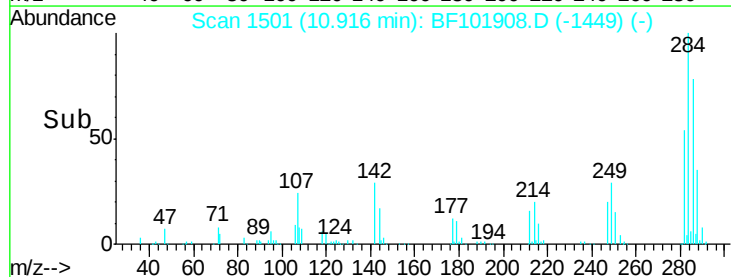
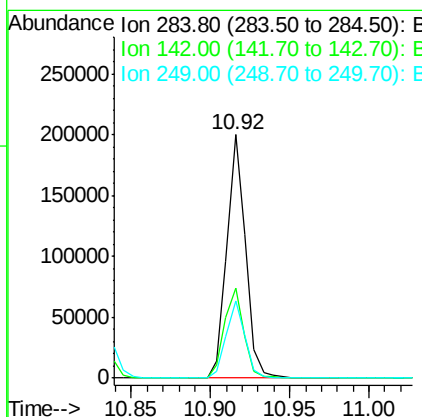
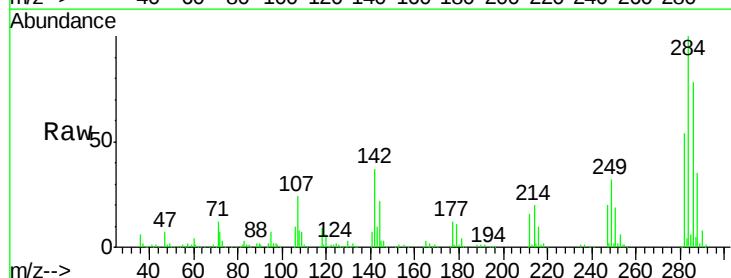
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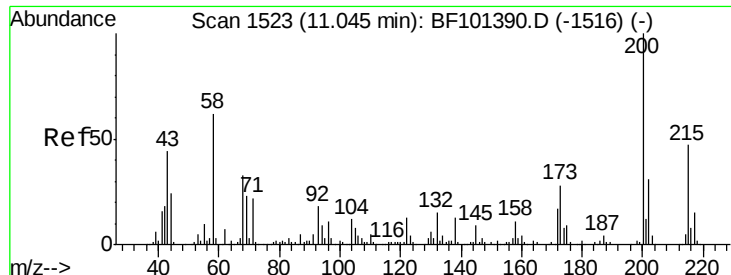
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#67
Hexachlorobenzene
Concen: 40.219 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.01 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.8	34.6	52.0
249	31.6	24.8	37.2





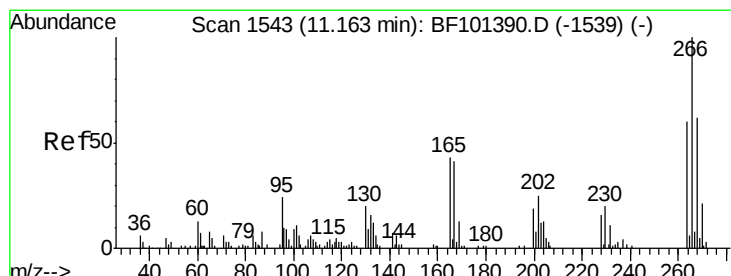
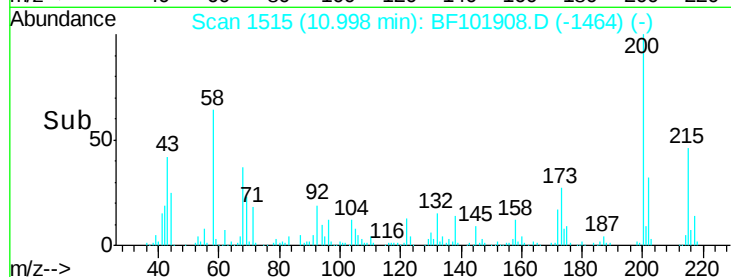
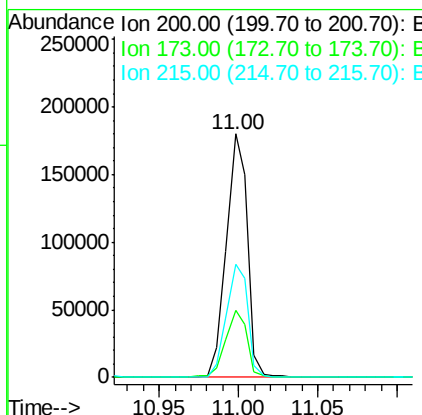
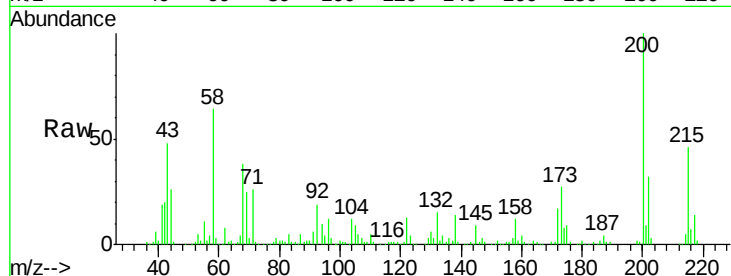
#68
Atrazine
Concen: 44.045 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Instrument :
BNA_F
ClientSampleId :
B-1(10)MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.3	8.6	48.6
215	46.3	25.1	65.1

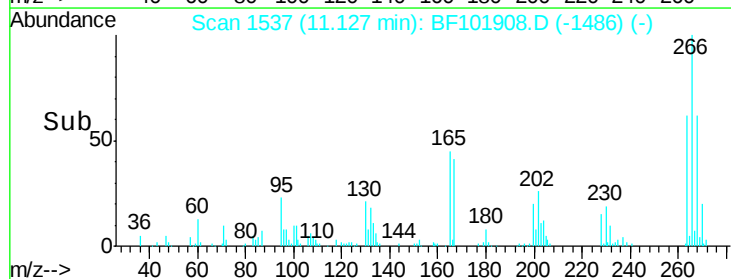
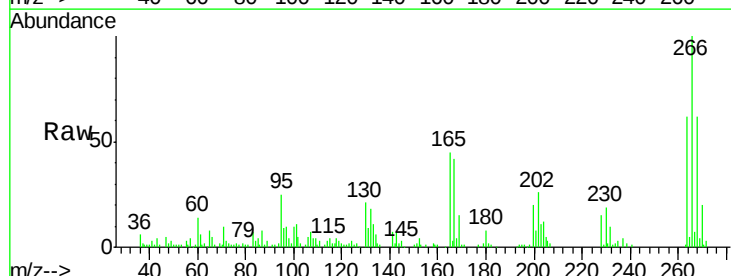
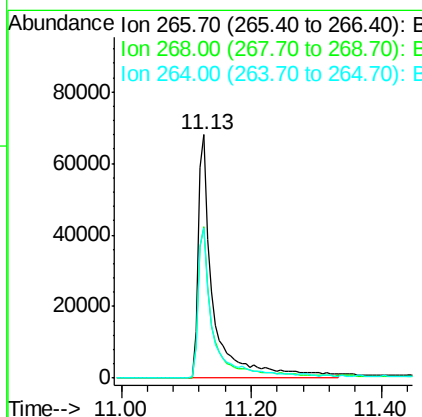
Manual Integrations
APPROVED

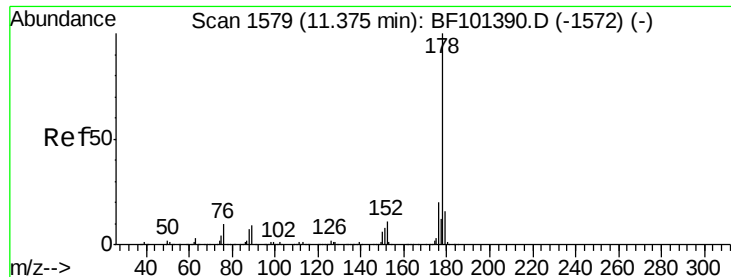
Sohil
1/5/2018 12:29:33 PM



#69
Pentachlorophenol
Concen: 71.184 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.2	51.1	76.7
264	61.5	49.5	74.3





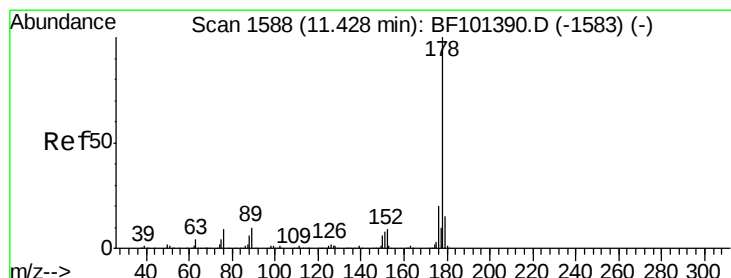
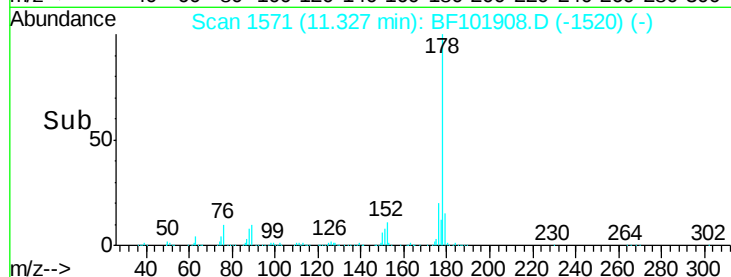
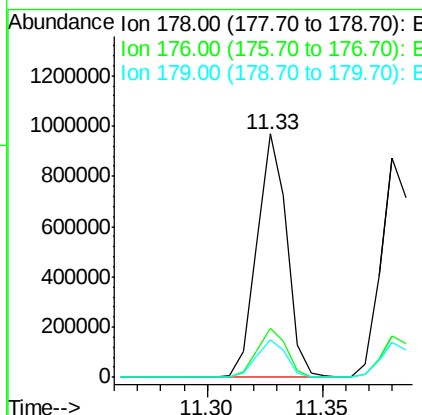
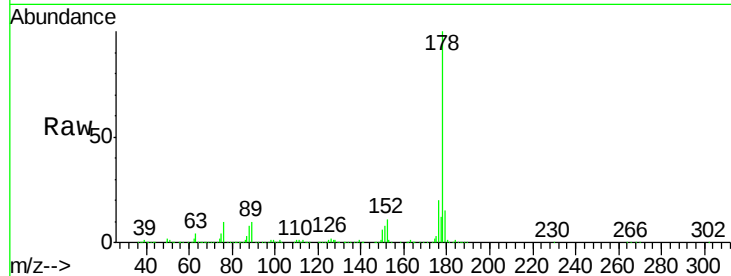
#70
Phenanthrene
Concen: 46.123 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Instrument :
BNA_F
ClientSampleId :
B-1(10)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.3	13.0	19.6

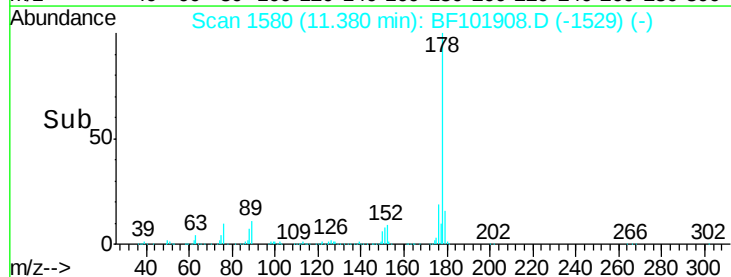
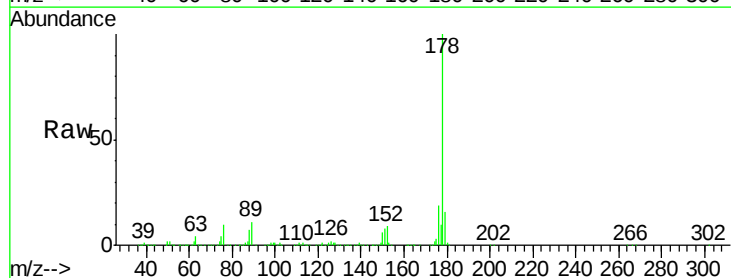
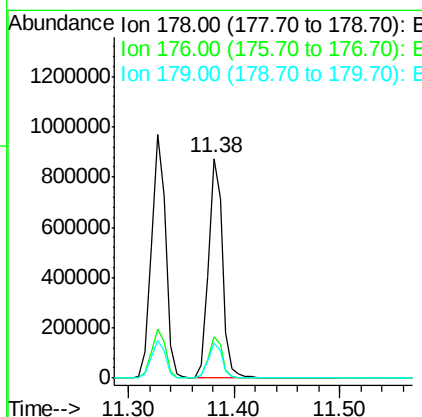
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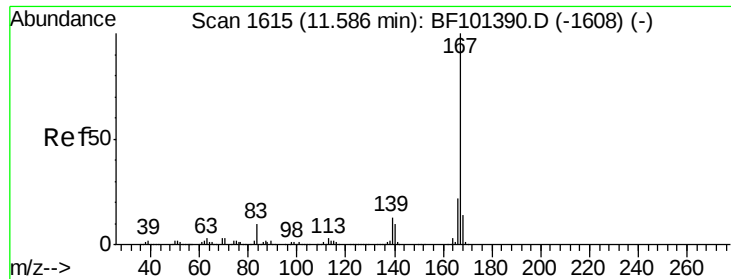
Sohil
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#71
Anthracene
Concen: 42.218 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.9	12.6	19.0





#72

Carbazole

Concen: 38.427 ng

RT: 11.55 min Scan# 1608

Delta R.T. 0.01 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Instrument :

BNA_F

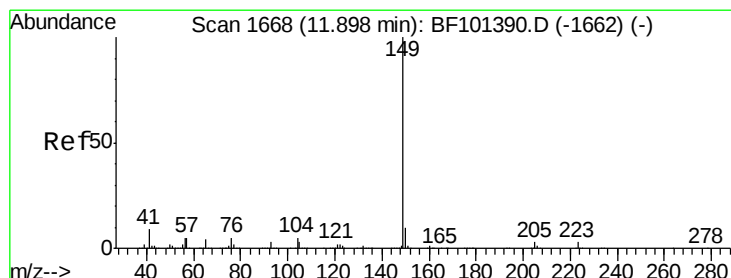
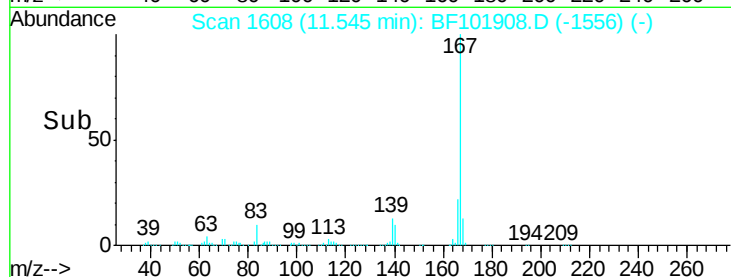
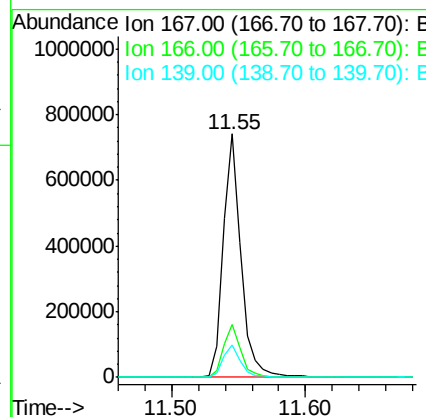
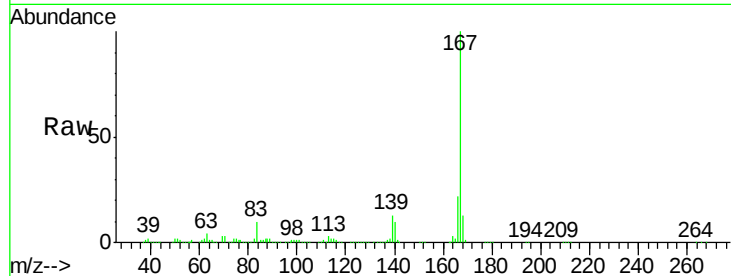
ClientSampleId :

B-1(10)MSD

Tot Ion:	167	Resp:	696807
Ion Ratio		Lower	Upper
167	100		
166	21.8	17.6	26.4
139	13.4	10.9	16.3

Manual Integrations
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#73

Di-n-butylphthalate

Concen: 45.621 ng

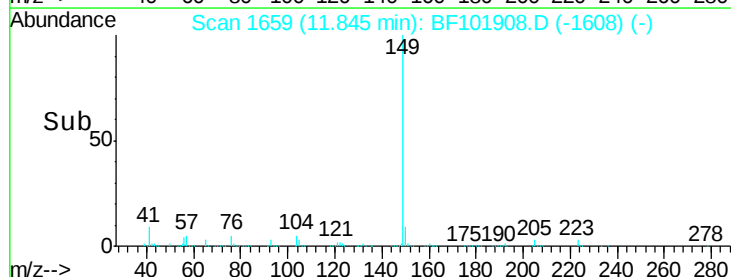
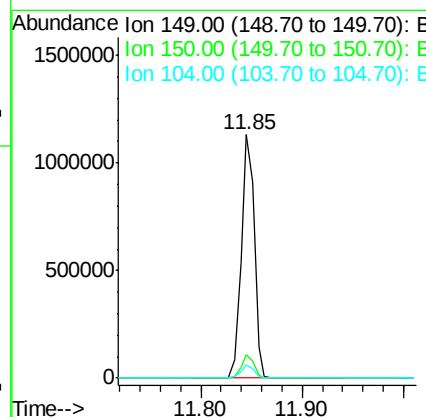
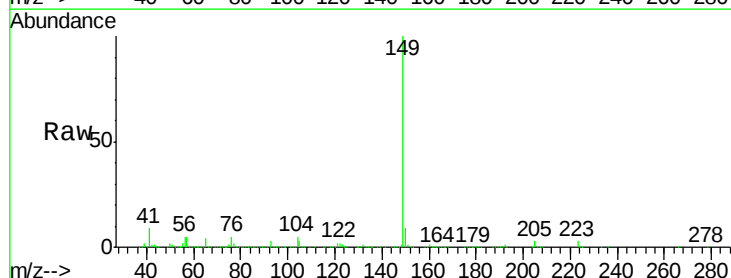
RT: 11.85 min Scan# 1659

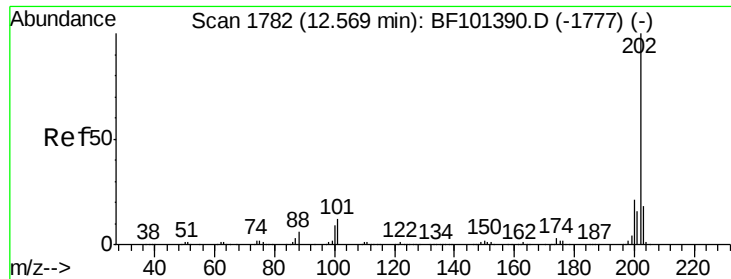
Delta R.T. 0.00 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Tgt Ion:	149	Resp:	1004078
Ion Ratio		Lower	Upper
149	100		
150	9.5	7.8	11.6
104	5.2	3.8	5.8





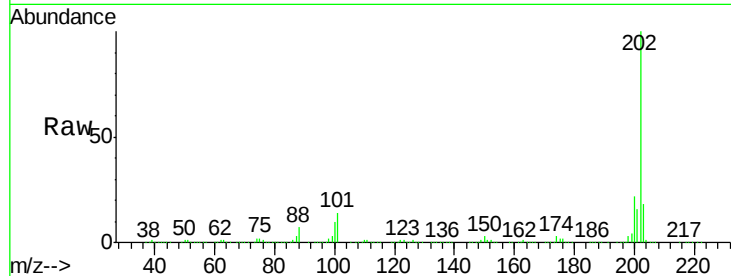
#74
Fluoranthene
Concen: 47.252 ng
RT: 12.52 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Instrument :
BNA_F
ClientSampleId :
B-1(10)MSD

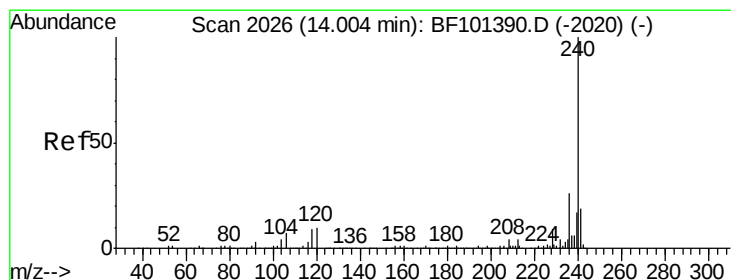
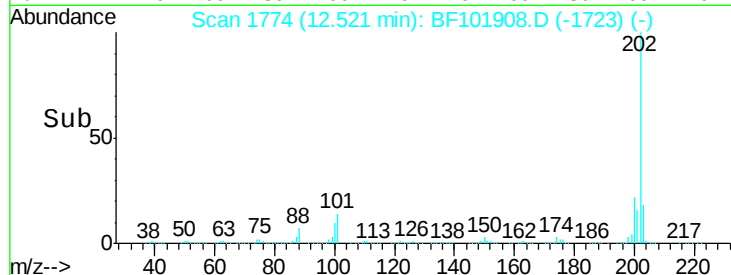
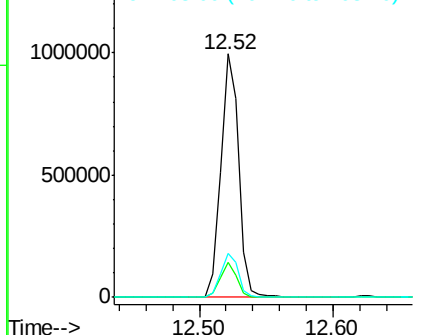
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.2	0.0	34.1
203	17.9	0.0	38.1

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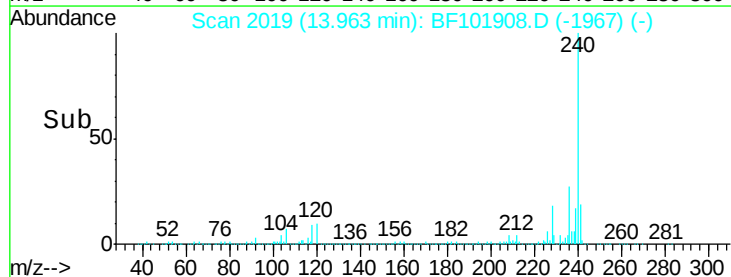
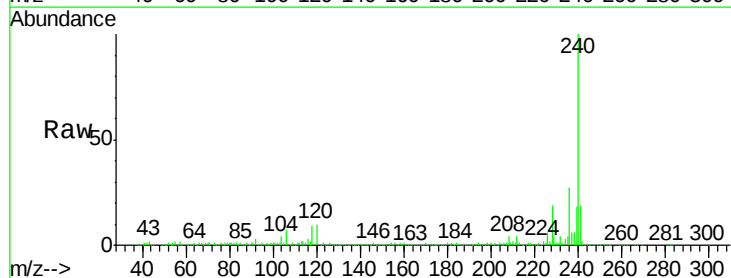
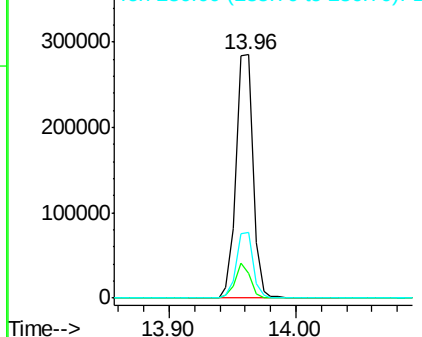
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

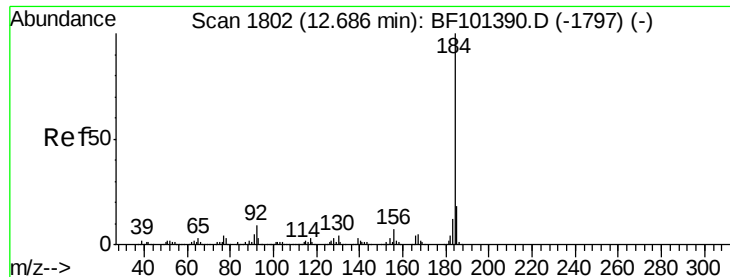


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.1	9.5	14.3
236	26.9	20.7	31.1

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





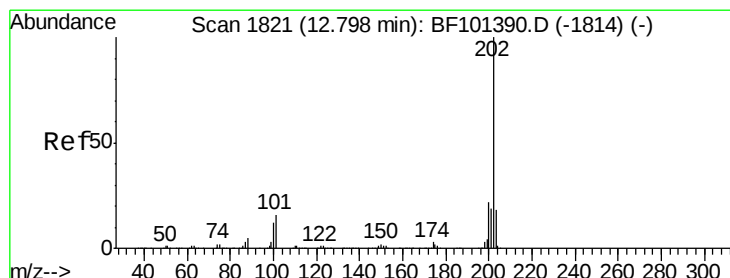
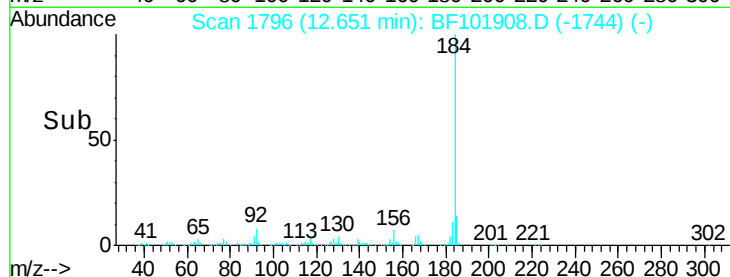
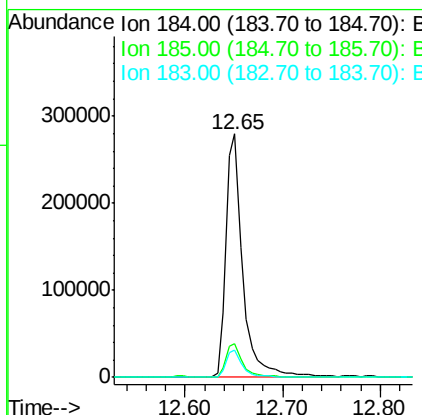
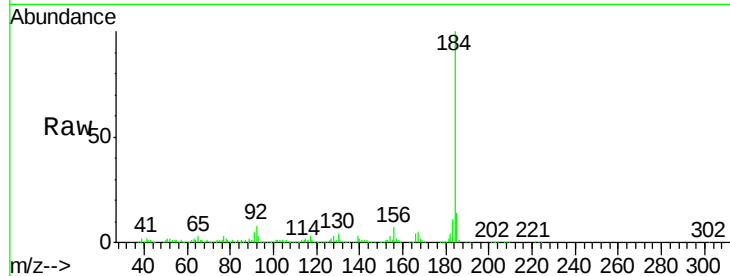
#76
Benzidine
Concen: 30.216 ng
RT: 12.65 min Scan# 1796
Delta R.T. 0.01 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Instrument :
BNA_F
ClientSampleId :
B-1(10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	13.9	12.6	18.8	
183	11.4	9.3	13.9	

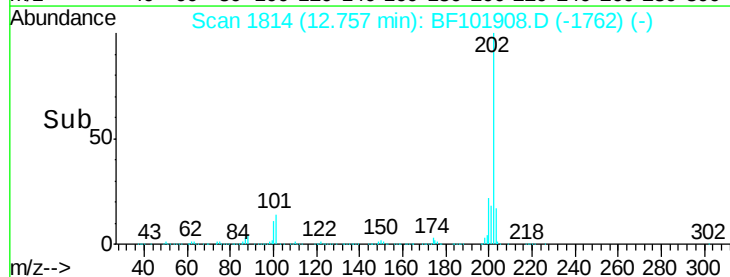
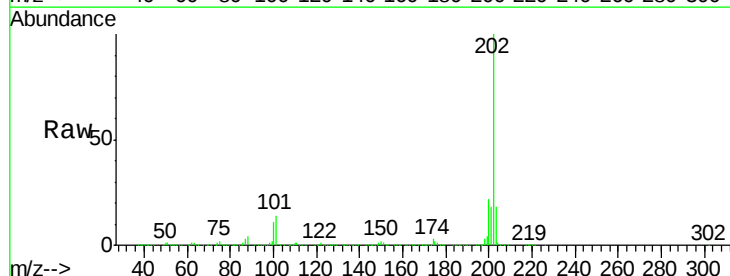
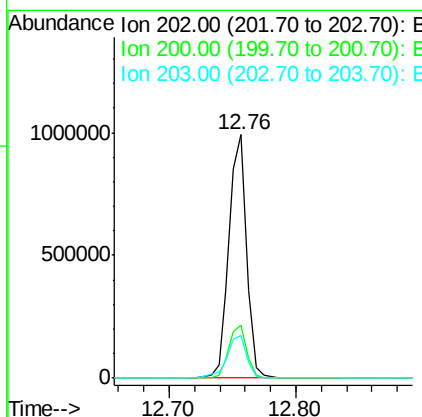
Manual Integrations
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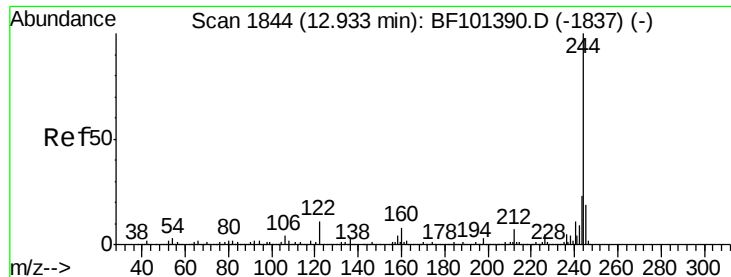
Sohil
1/5/2018 12:29:33 PM



#77
Pyrene
Concen: 48.204 ng
RT: 12.76 min Scan# 1814
Delta R.T. 0.01 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.7	17.4	26.2	
203	17.5	14.3	21.5	





#78

Terphenyl-d14

Concen: 79.748 ng

RT: 12.88 min Scan# 1835

Delta R.T. 0.00 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Instrument :

BNA_F

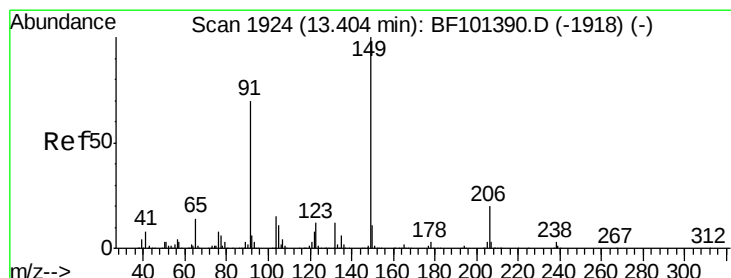
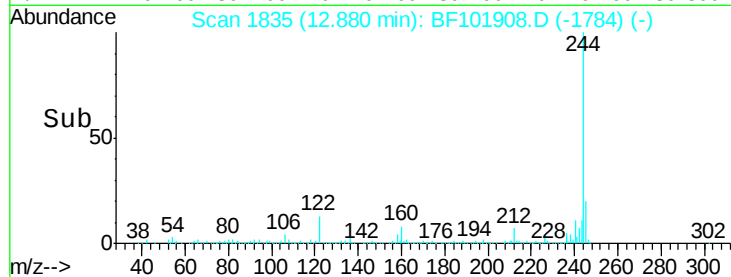
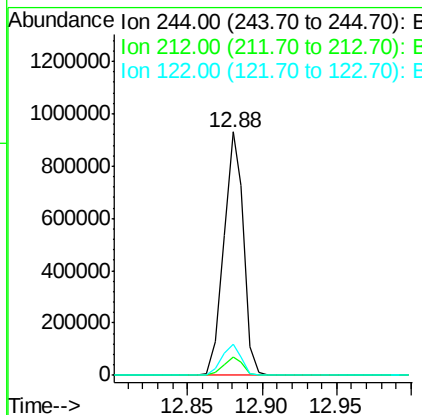
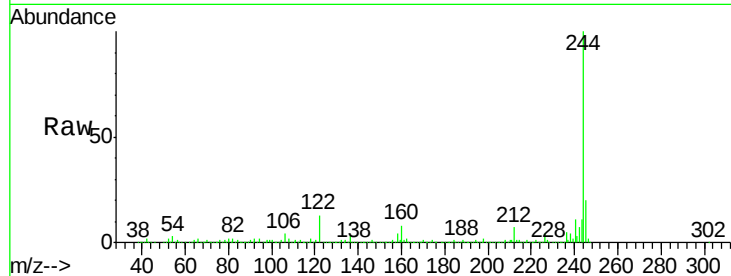
ClientSampleId :

B-1(10)MSD

Tot Ion:	244	Resp:	869423
Ion Ratio	Lower	Upper	
244	100		
212	7.4	5.4	8.0
122	12.5	11.0	16.4

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#79

Butylbenzylphthalate

Concen: 42.977 ng

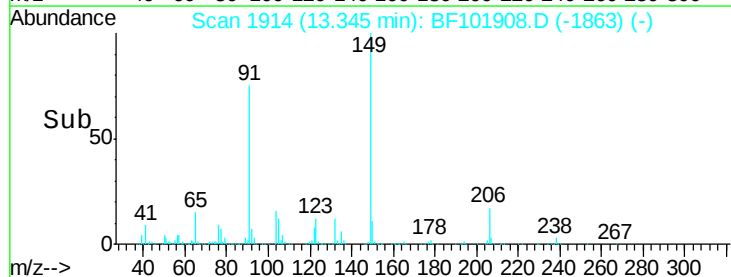
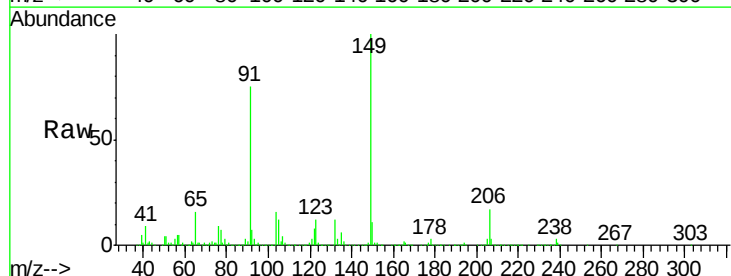
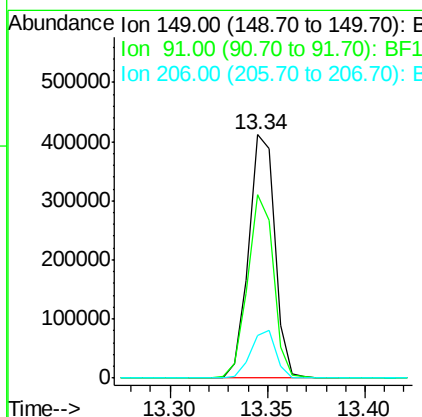
RT: 13.34 min Scan# 1914

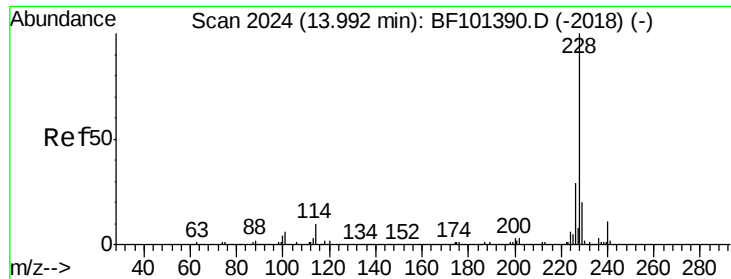
Delta R.T. 0.00 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Tgt Ion:	149	Resp:	383568
Ion Ratio	Lower	Upper	
149	100		
91	75.5	56.8	85.2
206	17.4	14.1	21.1





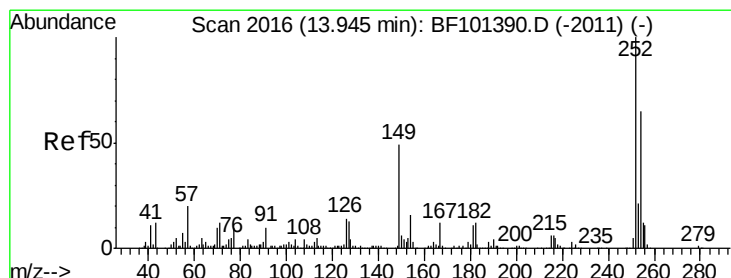
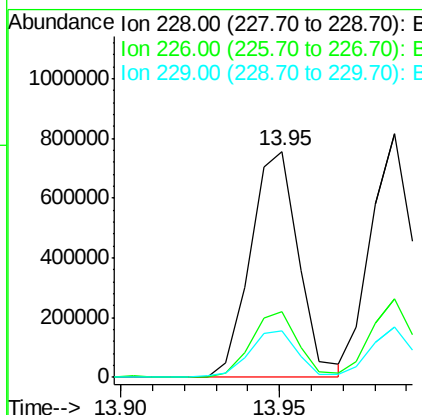
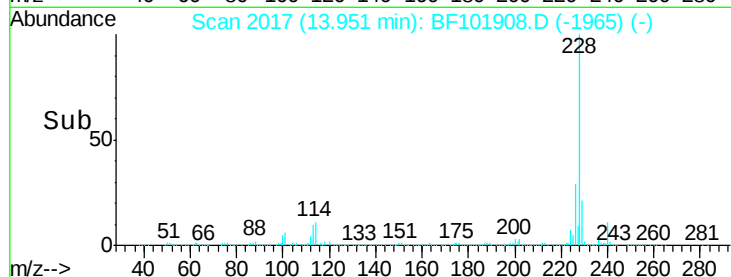
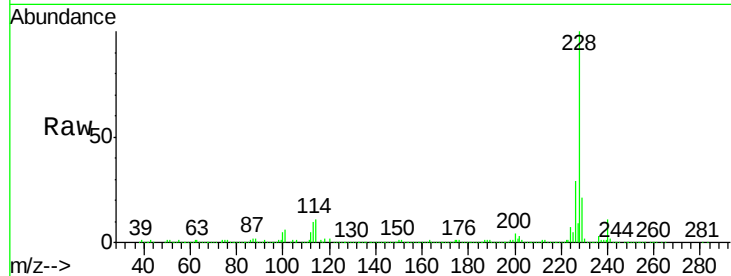
#80
Benzo(a)anthracene
Concen: 45.941 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Instrument :
BNA_F
ClientSampleId :
B-1(10)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	33.8
229	20.6	15.8	23.6

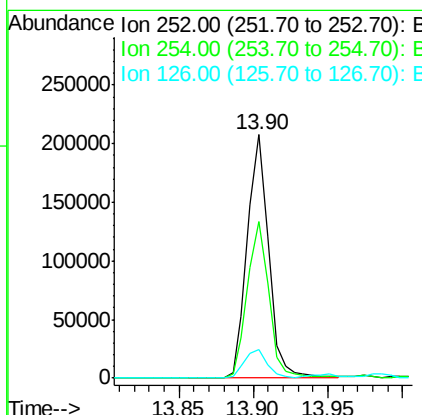
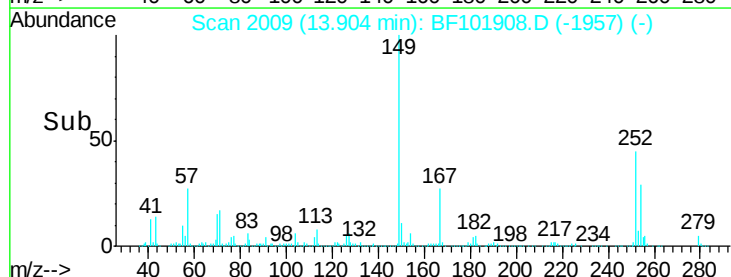
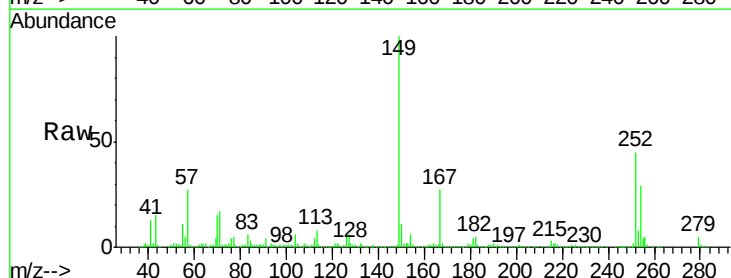
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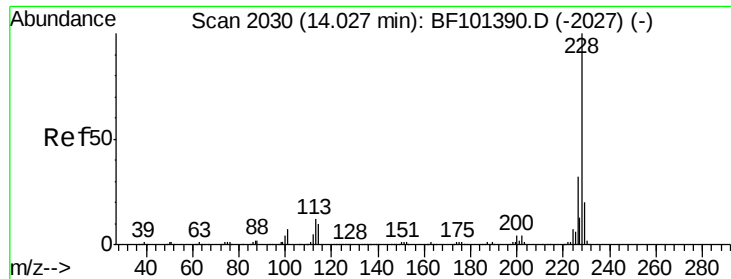
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#81
3,3'-Dichlorobenzidine
Concen: 36.668 ng
RT: 13.90 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.4	75.6
126	11.9	11.3	16.9





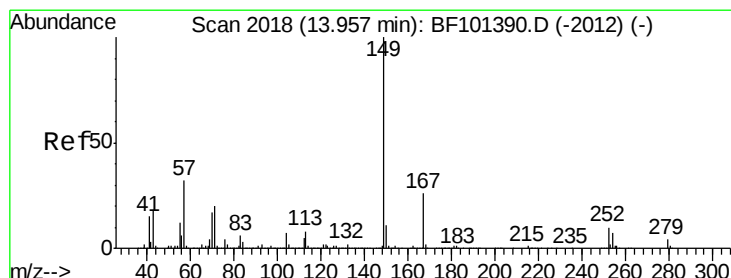
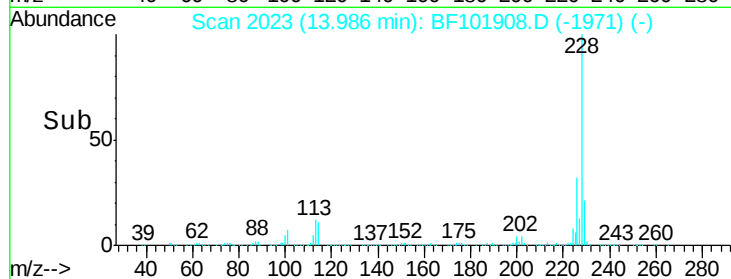
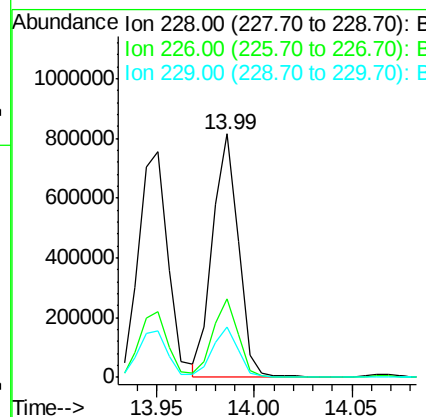
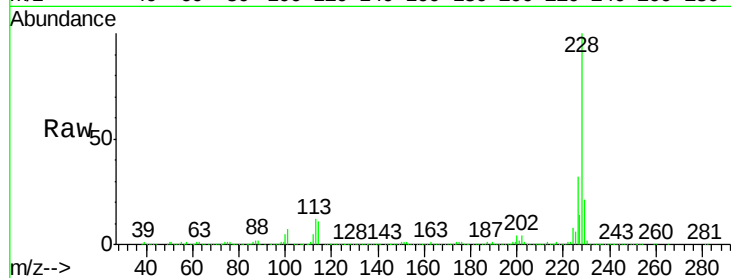
#82
 Chrysene
 Concen: 45.420 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF101908.D
 Acq: 4 Jan 2018 23:03

Instrument :
 BNA_F
 ClientSampleId :
 B-1(10)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.0	37.6
229	20.7	16.2	24.4

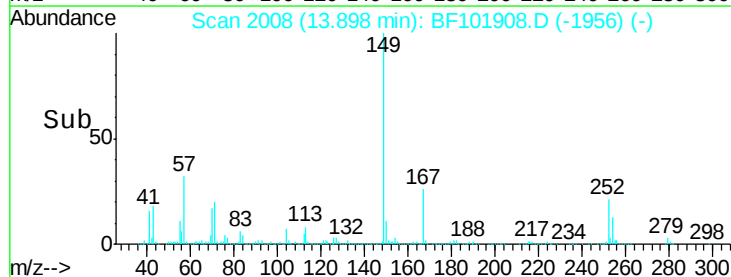
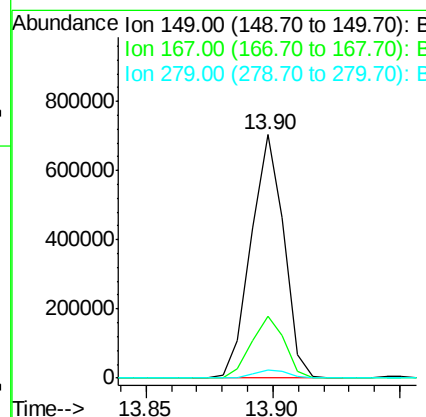
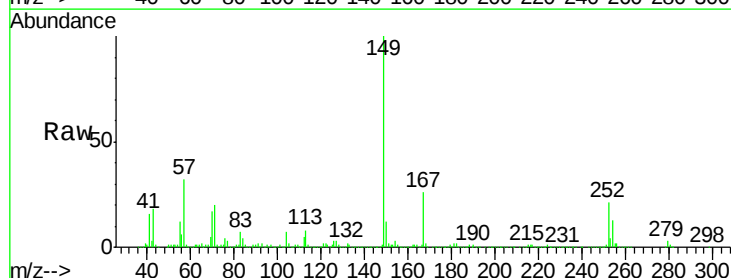
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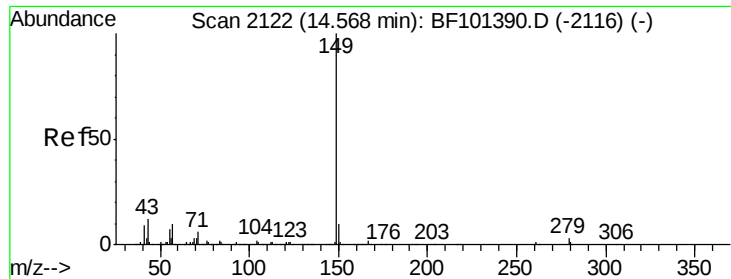
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 55.753 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. 0.01 min
 Lab File: BF101908.D
 Acq: 4 Jan 2018 23:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.7	21.3	31.9
279	3.4	3.0	4.4





#84

Di-n-octyl phthalate

Concen: 47.594 ng

RT: 14.51 min Scan# 2112

Delta R.T. 0.01 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Instrument :

BNA_F

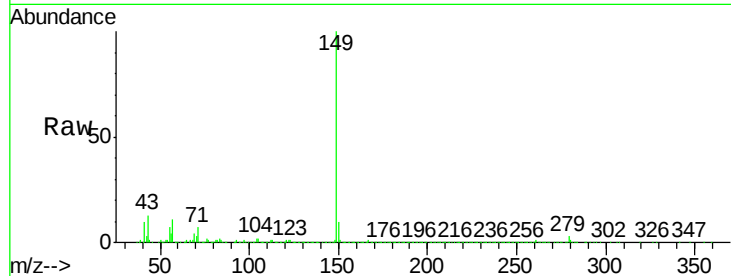
ClientSampleId :

B-1(10)MSD

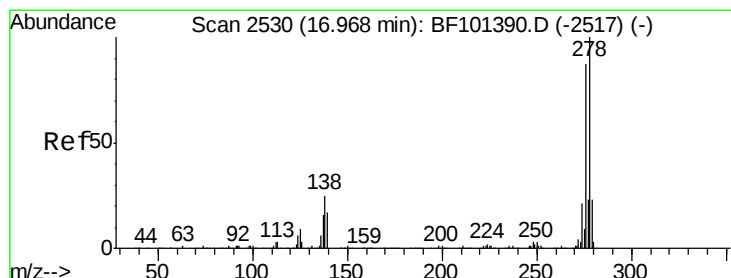
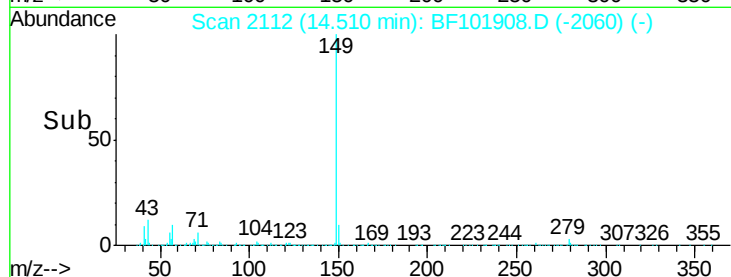
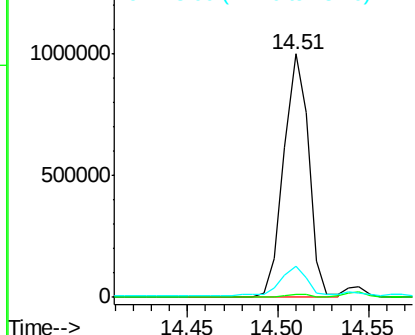
Tot Ion:	149	Resp:	959523
Ion Ratio		Lower	Upper
149	100		
167	1.4	1.2	1.8
43	11.6	8.4	12.6

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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



#85

Indeno(1,2,3-cd)pyrene

Concen: 32.116 ng

RT: 16.92 min Scan# 2521

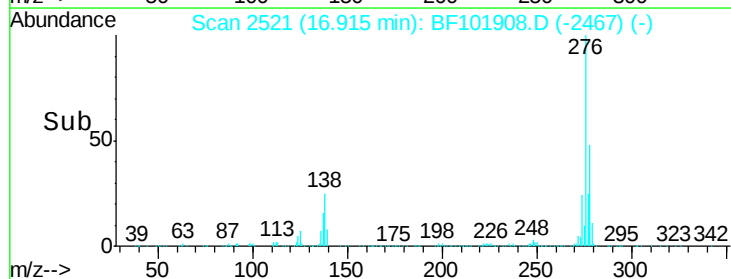
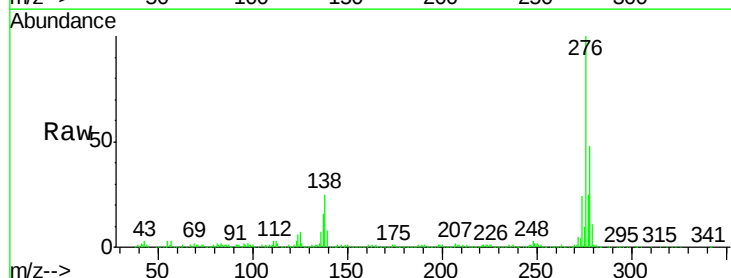
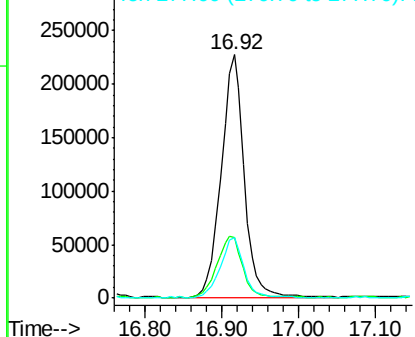
Delta R.T. 0.02 min

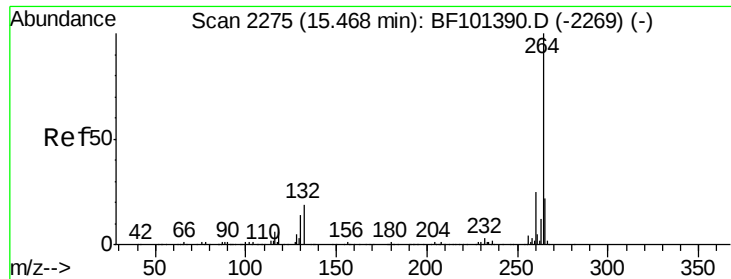
Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Tgt Ion:	276	Resp:	468628
Ion Ratio		Lower	Upper
276	100		
138	28.1	25.0	37.6
277	24.7	20.1	30.1

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





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2268

Delta R.T. 0.01 min

Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Instrument :

BNA_F

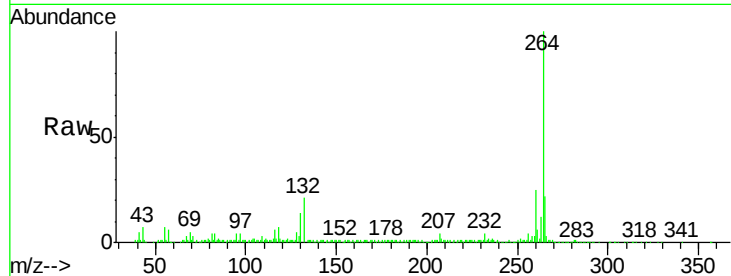
ClientSampleId :

B-1(10)MSD

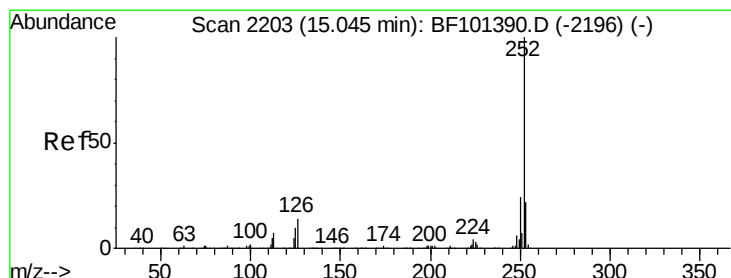
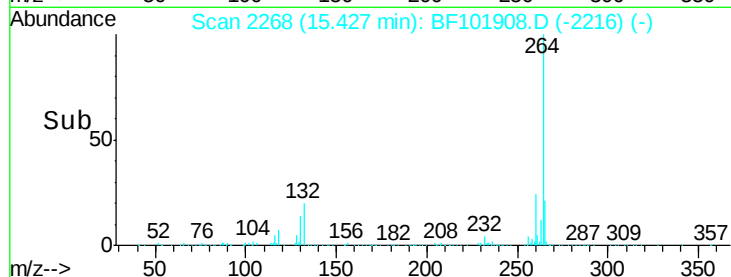
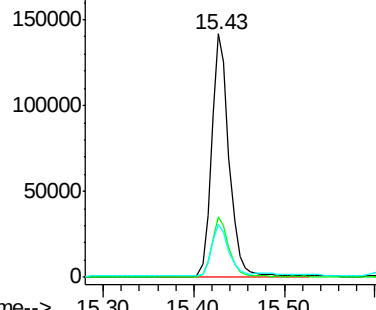
Tot Ion:	264	Resp:	193296
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.2	28.8
265	21.8	17.5	26.3

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



#87

Benzo(b)fluoranthene

Concen: 54.963 ng

RT: 15.00 min Scan# 2195

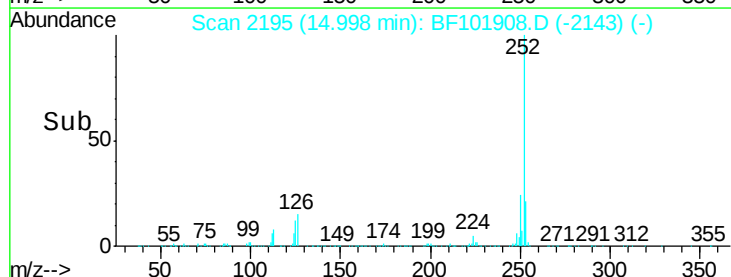
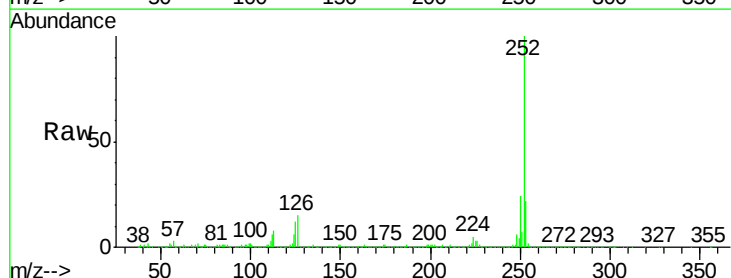
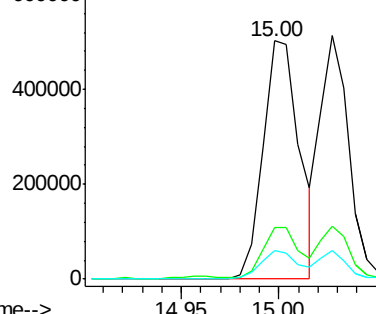
Delta R.T. 0.01 min

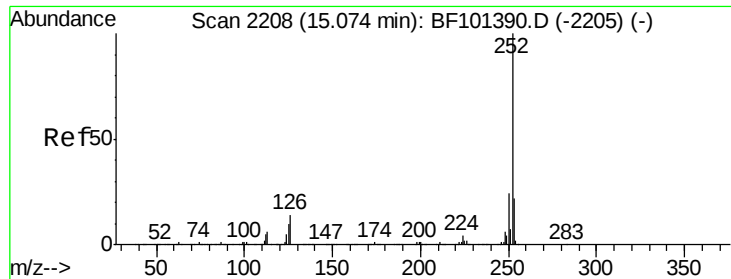
Lab File: BF101908.D

Acq: 4 Jan 2018 23:03

Tgt Ion:	252	Resp:	647562
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.0	25.6
125	11.8	9.0	13.6

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





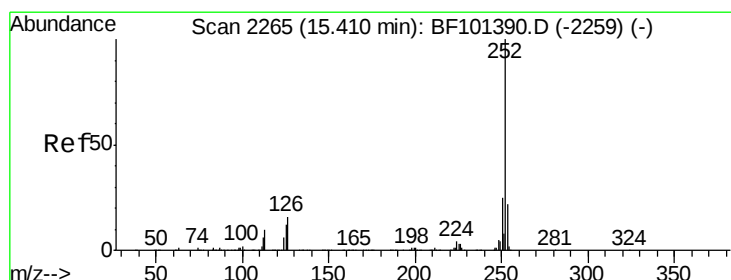
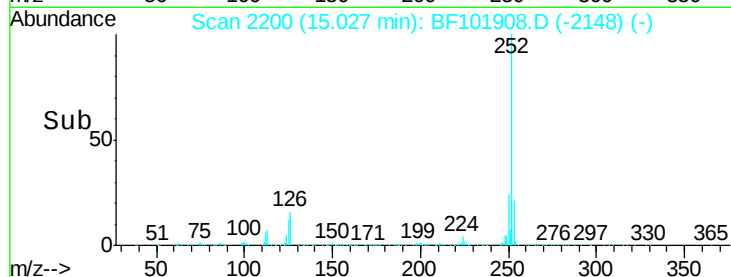
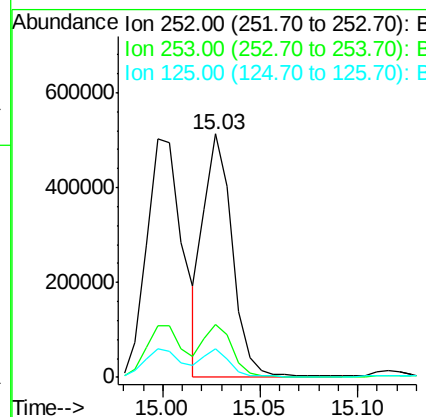
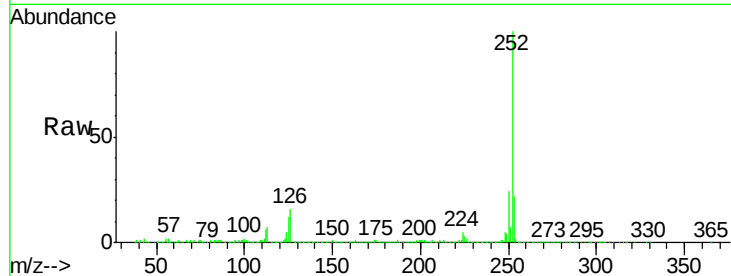
#88
Benzo(k)fluoranthene
Concen: 45.658 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Instrument :
BNA_F
ClientSampleId :
B-1(10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	523020		
253	21.8		17.9	26.9
125	11.9		10.2	15.2

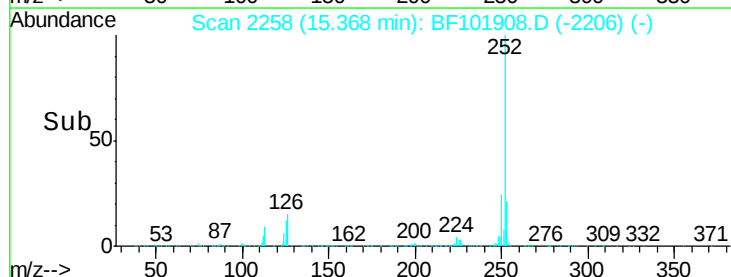
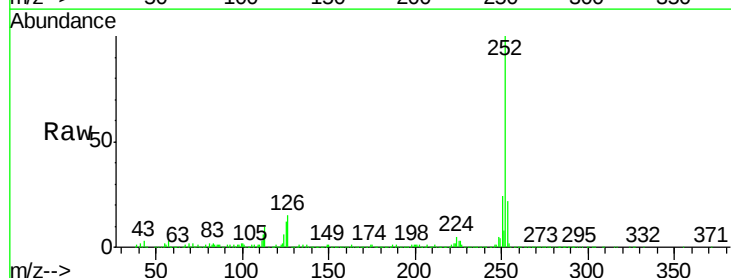
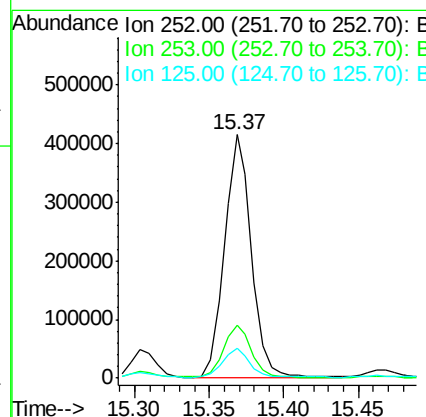
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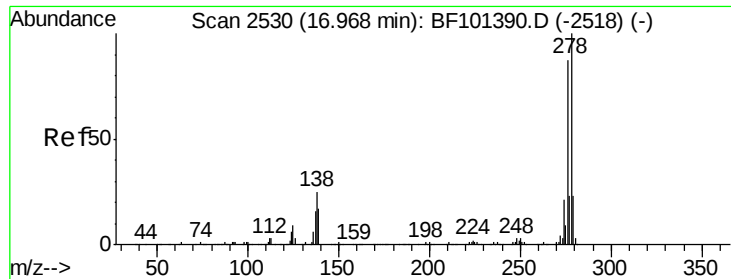
Sohil
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#89
Benzo(a)pyrene
Concen: 48.068 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	522075		
253	21.5		17.1	25.7
125	12.3		9.8	14.6





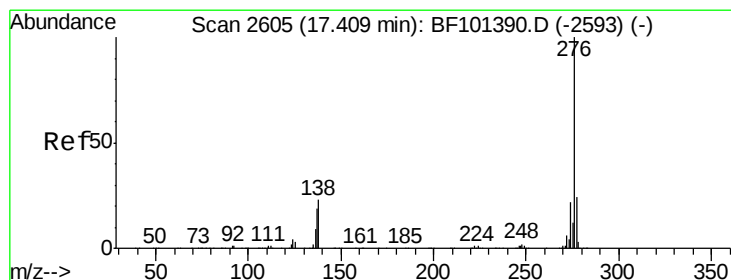
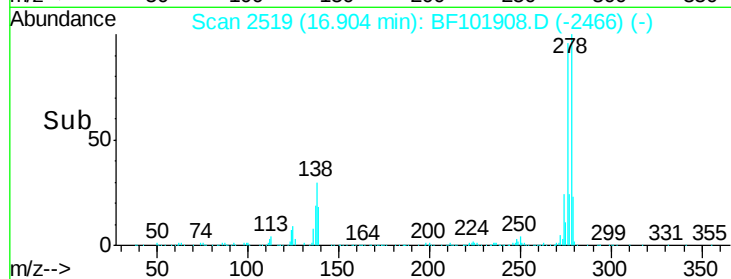
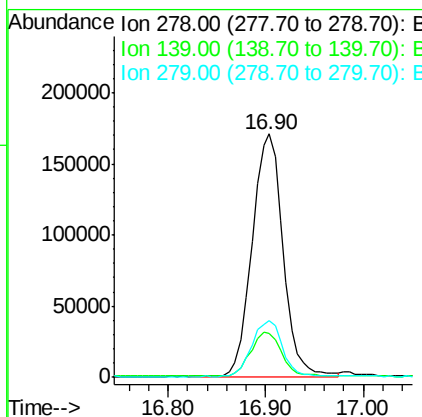
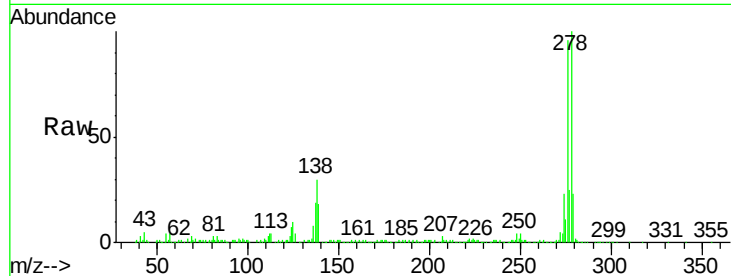
#90
Dibenzo(a,h)anthracene
Concen: 40.482 ng
RT: 16.90 min Scan# 2519
Delta R.T. 0.01 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Instrument :
BNA_F
ClientSampleId :
B-1(10)MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.0	15.9	23.9
279	23.4	19.0	28.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 43.622 ng
RT: 17.37 min Scan# 2598
Delta R.T. 0.02 min
Lab File: BF101908.D
Acq: 4 Jan 2018 23:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	23.4	21.8	32.8

