

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
 Data File : BF109613.D
 Acq On : 5 Oct 2018 15:35
 Operator : JU/SJ
 Sample : J5223-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-1001-S-DH-02MSD

Manual Integrations
 APPROVED

Sohil
 10/8/2018 12:21:16 PM

Quant Time: Oct 05 16:00:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	97871	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	387008	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	190529	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	358682	20.00	ng	0.00
75) Chrysene-d12	13.85	240	248648	20.00	ng	0.00
86) Perylene-d12	15.24	264	259123	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	633735	106.65	ng	0.02
7) Phenol-d6	6.36	99	822651	108.50	ng	0.00
23) Nitrobenzene-d5	7.27	82	549405	83.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	223852	119.18	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	965794	76.45	ng	-0.01
78) Terphenyl-d14	12.79	244	861796	85.06	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	75212	27.483	ng	94
3) Pyridine	3.12	79	186494	26.478	ng	89
4) n-Nitrosodimethylamine	3.05	42	95580	31.887	ng	99
6) Aniline	6.37	93	134192	13.833	ng	# 1
8) 2-Chlorophenol	6.50	128	243541	36.857	ng	96
9) Benzaldehyde	6.25	77	105025	21.562	ng	98
10) Phenol	6.37	94	299968	34.934	ng	82
11) bis(2-Chloroethyl)ether	6.45	93	232370	34.584	ng	95
12) 1,3-Dichlorobenzene	6.65	146	254990	33.516	ng	99
13) 1,4-Dichlorobenzene	6.72	146	270228	35.256	ng	98
14) 1,2-Dichlorobenzene	6.87	146	243808	34.482	ng	99
15) Benzyl Alcohol	6.86	79	208851	35.985	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.99	45	314083	32.955	ng	66
17) 2-Methylphenol	6.97	107	193462	36.184	ng	# 89
18) Hexachloroethane	7.22	117	97462	36.092	ng	99
19) n-Nitroso-di-n-propylamine	7.12	70	178099	35.847	ng	99
20) 3+4-Methylphenols	7.13	107	255238	39.540	ng	91
22) Acetophenone	7.12	105	359580	40.188	ng	98
24) Nitrobenzene	7.29	77	263467	37.796	ng	97
25) Isophorone	7.53	82	486069	41.173	ng	97
26) 2-Nitrophenol	7.60	139	128744	46.702	ng	97
27) 2,4-Dimethylphenol	7.65	122	216534	42.095	ng	98
28) bis(2-Chloroethoxy)methane	7.74	93	310389	39.718	ng	99
29) 2,4-Dichlorophenol	7.85	162	216941	40.140	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	217836	36.071	ng	97
31) Naphthalene	8.01	128	726495	40.172	ng	99
32) Benzoic acid	7.65	122	216534	59.970	ng	# 16
33) 4-Chloroaniline	8.06	127	81529	10.320	ng	97
34) Hexachlorobutadiene	8.13	225	130370	35.809	ng	99
35) Caprolactam	8.43	113	57079m	33.080	ng	
36) 4-Chloro-3-methylphenol	8.56	107	231957	40.786	ng	99
37) 2-Methylnaphthalene	8.70	142	485835	41.673	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	225910	37.256	ng	98
40) Hexachlorocyclopentadiene	8.85	237	133051	50.307	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	145985	37.512	nq	100
43) 2,4,5-Trichlorophenol	9.03	196	162672	39.578	nq	96
45) 1,1'-Biphenyl	9.16	154	593815	38.253	nq	97
46) 2-Chloronaphthalene	9.19	162	456157	36.782	nq	97
47) 2-Nitroaniline	9.29	65	146298	41.609	nq	98
48) Acenaphthylene	9.60	152	731012	39.073	nq	99
49) Dimethylphthalate	9.47	163	863452	62.308	nq	99
50) 2,6-Dinitrotoluene	9.53	165	119773	43.640	nq	99
51) Acenaphthene	9.77	154	405666	35.864	nq	100
52) 3-Nitroaniline	9.69	138	79413	24.985	nq	93
53) 2,4-Dinitrophenol	9.80	184	20670	27.483	nq #	33
54) Dibenzofuran	9.94	168	619882	36.850	nq	96
55) 4-Nitrophenol	9.87	139	144524	60.360	nq	91
56) 2,4-Dinitrotoluene	9.93	165	152175	43.821	nq #	90
57) Fluorene	10.28	166	481545	40.121	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.06	232	126636	38.913	nq #	89
59) Diethylphthalate	10.16	149	561566	40.017	nq	97
60) 4-Chlorophenyl-phenylether	10.27	204	233694	37.278	nq	95
61) 4-Nitroaniline	10.31	138	126076	40.674	nq	95
62) Azobenzene	10.43	77	529586	36.323	nq	96
64) 4,6-Dinitro-2-methylphenol	10.34	198	31704	25.604	nq	100
65) n-Nitrosodiphenylamine	10.40	169	461252	38.922	nq	95
66) 4-Bromophenyl-phenylether	10.76	248	155767	39.108	nq #	88
67) Hexachlorobenzene	10.83	284	157915	37.330	nq #	90
68) Atrazine	10.92	200	157118	43.109	nq	99
69) Pentachlorophenol	11.03	266	110671	43.712	nq	100
70) Phenanthrene	11.24	178	692126	38.647	nq	99
71) Anthracene	11.29	178	725199	39.924	nq	99
72) Carbazole	11.45	167	644600	35.667	nq	100
73) Di-n-butylphthalate	11.78	149	852701	40.984	nq	99
74) Fluoranthene	12.42	202	705985	36.888	nq	96
76) Benzidine	12.55	184	157413	17.559	nq	99
77) Pyrene	12.65	202	696121	39.064	nq	100
79) Butylbenzylphthalate	13.27	149	327195	43.157	nq	98
80) Benzo(a)anthracene	13.83	228	549662	36.701	nq	100
81) 3,3'-Dichlorobenzidine	13.79	252	112637	19.789	nq	98
82) Chrysene	13.87	228	571443	38.496	nq	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	436510	45.653	nq	99
84) Di-n-octyl phthalate	14.43	149	743743	45.494	nq	98
85) Indeno(1,2,3-cd)pyrene	16.60	276	535076	44.470	nq #	92
87) Benzo(b)fluoranthene	14.85	252	569218m	39.977	nq	
88) Benzo(k)fluoranthene	14.87	252	514629	38.089	nq #	96
89) Benzo(a)pyrene	15.19	252	516987	40.294	nq	98
90) Dibenzo(a,h)anthracene	16.62	278	448178	42.579	nq #	93
91) Benzo(g,h,i)perylene	17.00	276	429418	41.510	nq #	91

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

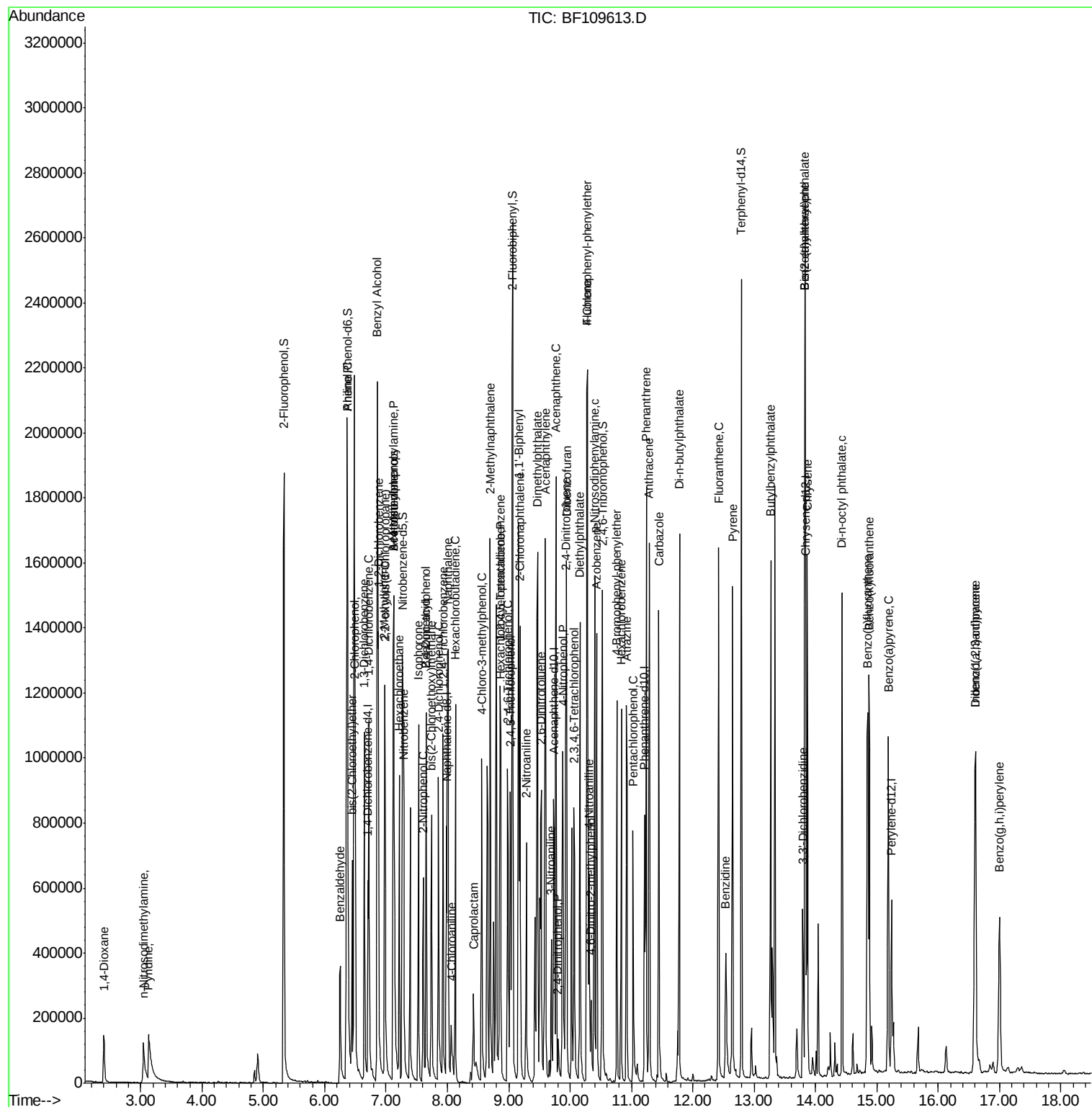
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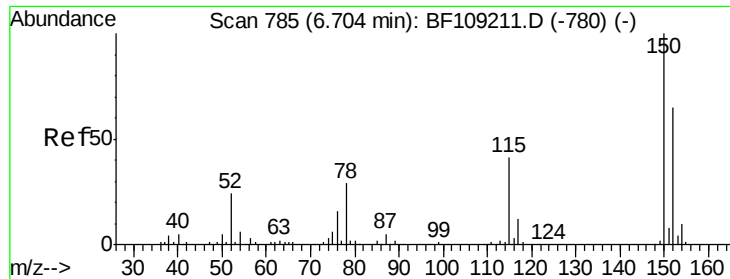
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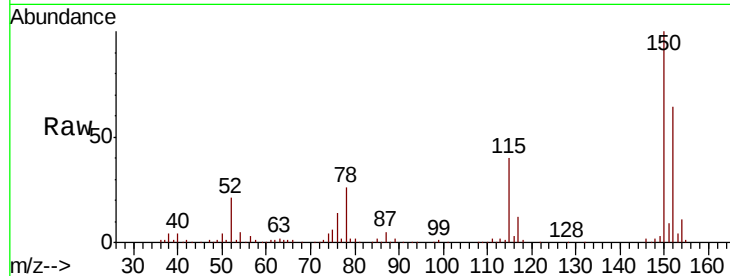
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109613.D
 Acq: 5 Oct 2018 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-1001-S-DH-02MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	62.1	50.1	75.1

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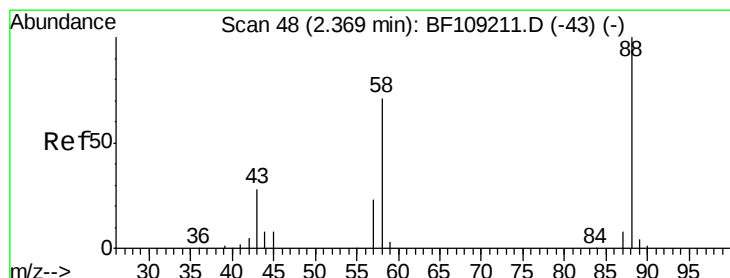
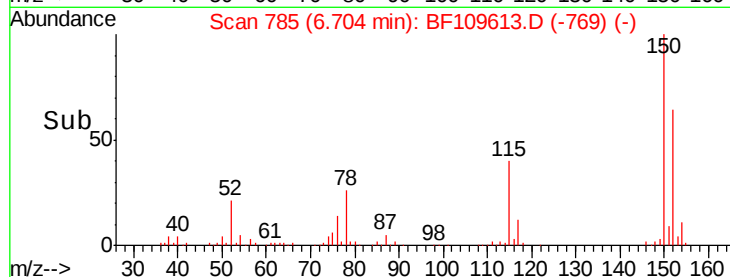
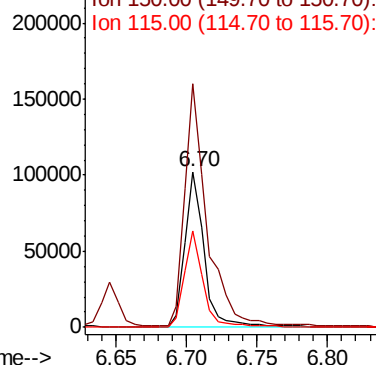


Abundance

Ion 152.00 (151.70 to 152.70): E

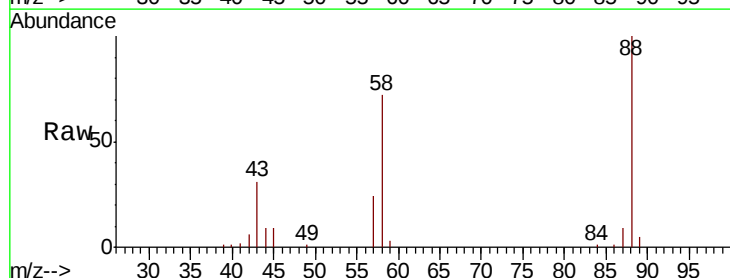
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 27.483 ng
 RT: 2.40 min Scan# 53
 Delta R.T. 0.03 min
 Lab File: BF109613.D
 Acq: 5 Oct 2018 15:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.0	62.6	93.8
43	28.4	24.6	37.0

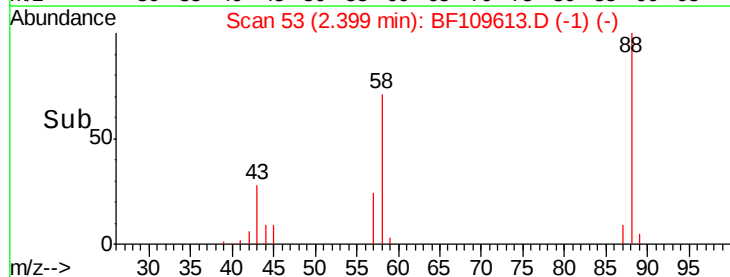
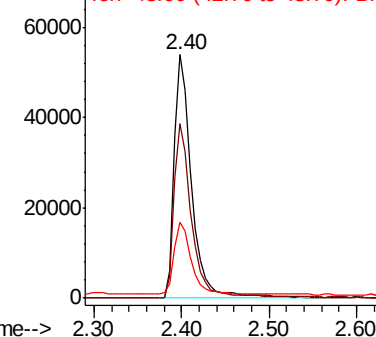


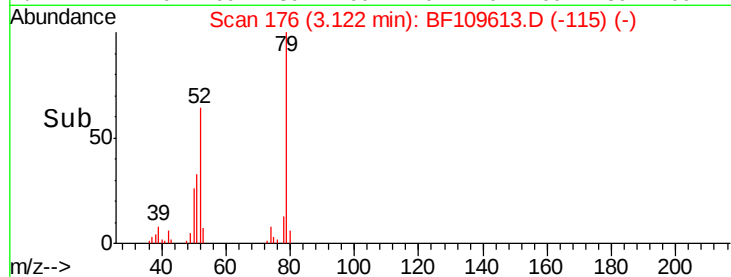
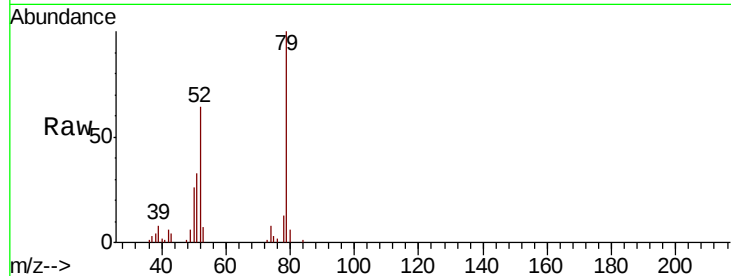
Abundance

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





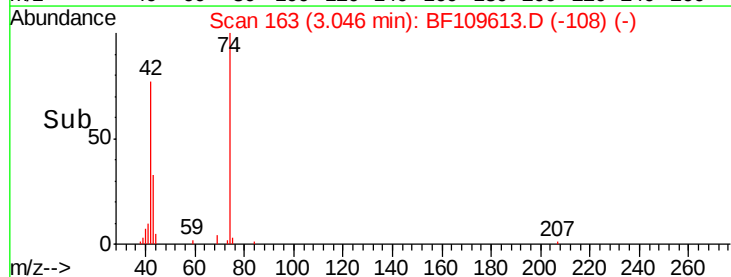
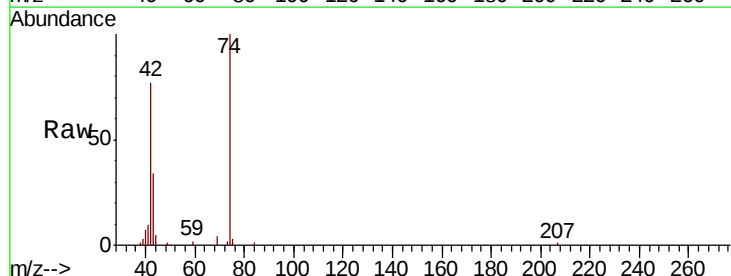
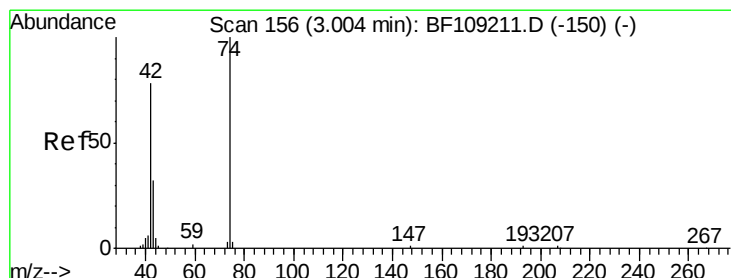
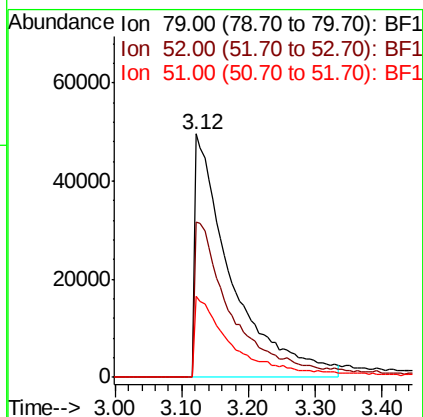
#3
 Pvridine
 Concen: 26.478 ng
 RT: 3.12 min Scan# 176
 Delta R.T. 0.06 min
 Lab File: BF109613.D
 Acq: 5 Oct 2018 15:35

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		186494		
52	63.9	59.8	89.6		
51	33.4	29.8	44.8		

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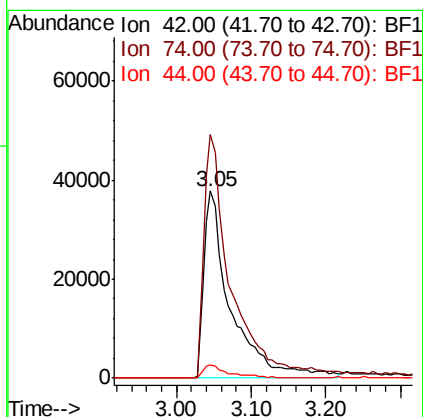
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#4
 n-Nitrosodimethylamine
 Concen: 31.887 ng
 RT: 3.05 min Scan# 163
 Delta R.T. 0.02 min
 Lab File: BF109613.D
 Acq: 5 Oct 2018 15:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		95580		
74	130.2	104.9	157.3		
44	7.0	6.9	10.3		





#5

2-Fluorophenol

Concen: 106.652 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.02 min

Lab File: BF109613.D

Acq: 5 Oct 2018 15:35

Instrument :

BNA_F

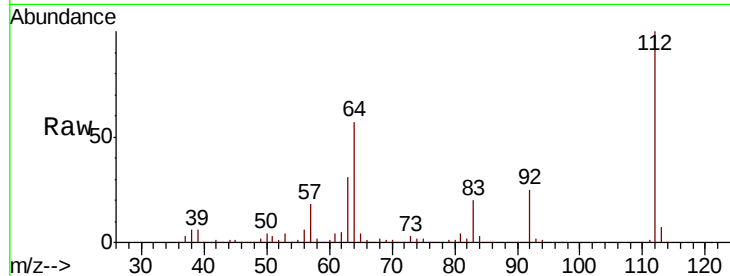
ClientSampleId :

SSSI-1001-S-DH-02MSD

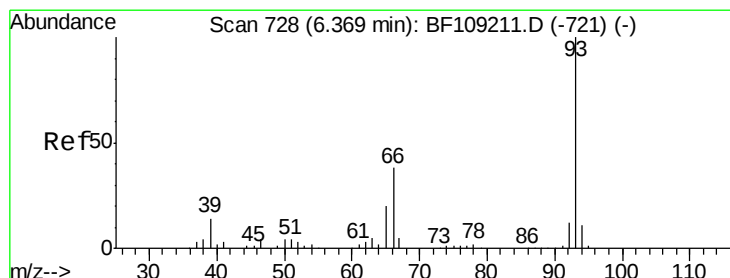
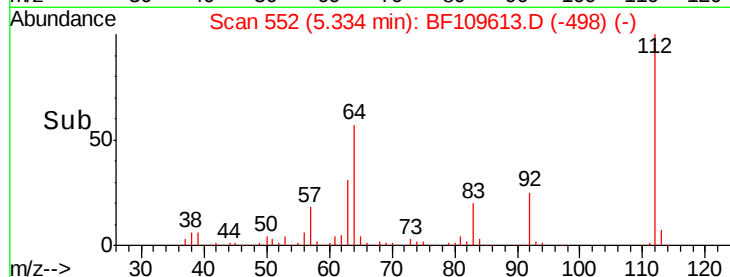
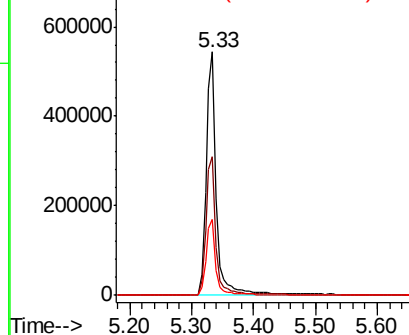
Tot Ion:	112	Resp:	633735
Ion Ratio	Lower	Upper	
112	100		
64	57.1	47.9	71.9
63	31.3	23.7	35.5

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 13.833 ng

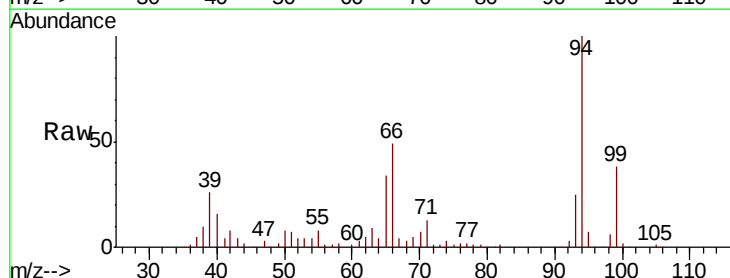
RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

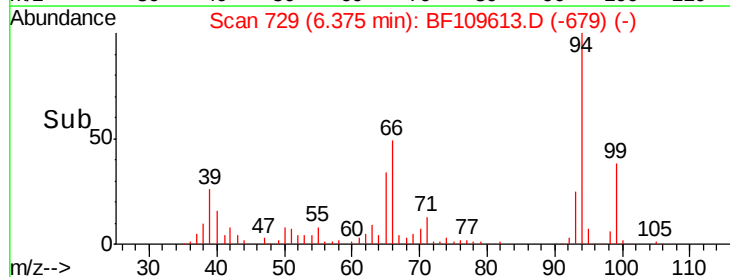
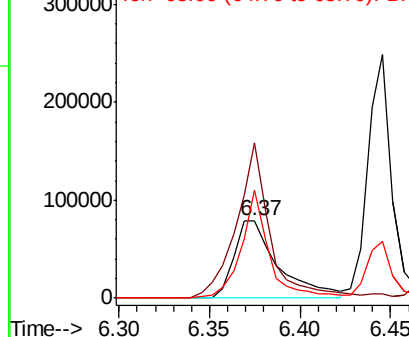
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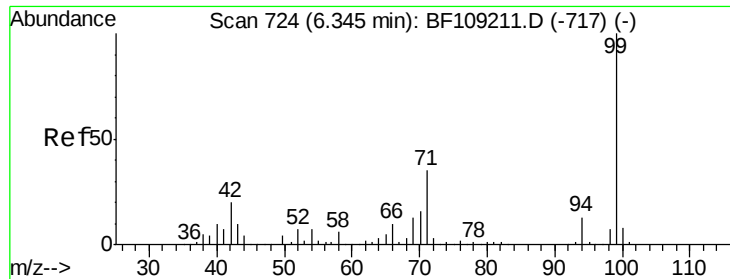
Acq: 5 Oct 2018 15:35

Tgt Ion:	93	Resp:	134192
Ion Ratio	Lower	Upper	
93	100		
66	200.0	32.2	48.2#
65	139.5	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: 108.496 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF109613.D

Acq: 5 Oct 2018 15:35

Instrument :

BNA_F

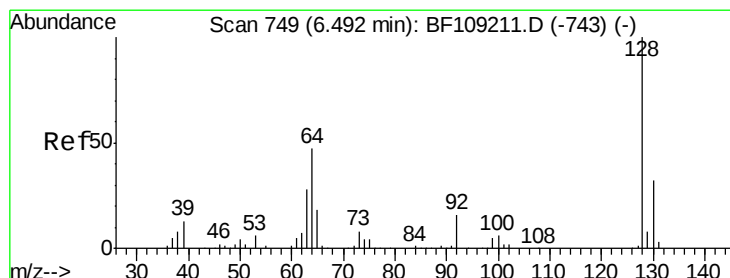
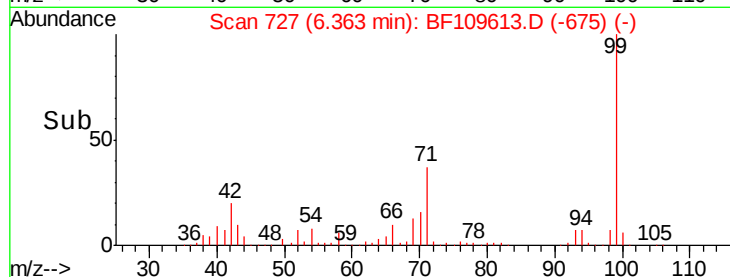
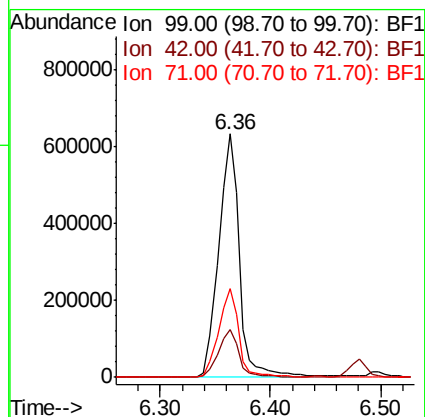
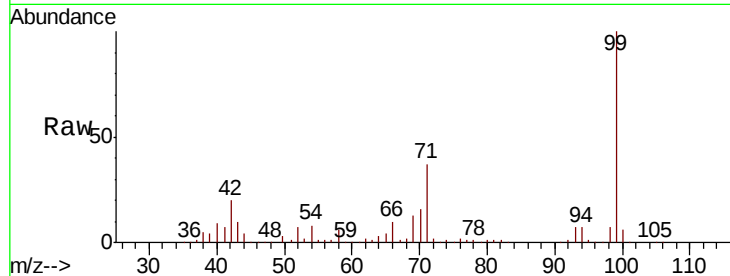
ClientSampleId :

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Tot Ion:	99	Resp:	822651
Ion Ratio	Lower	Upper	
99	100		
42	19.9	14.5	21.7
71	36.6	25.4	38.0

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#8

2-Chlorophenol

Concen: 36.857 ng

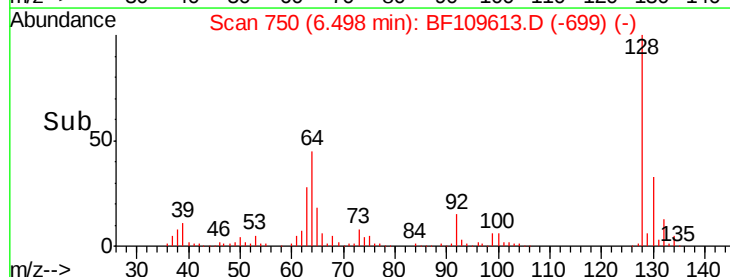
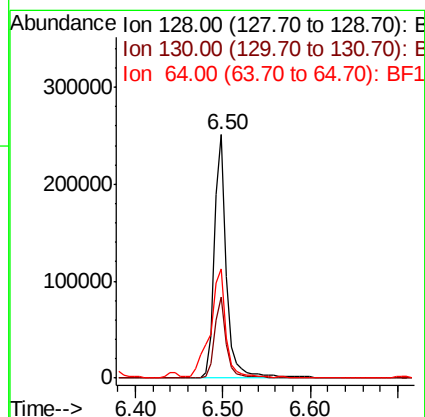
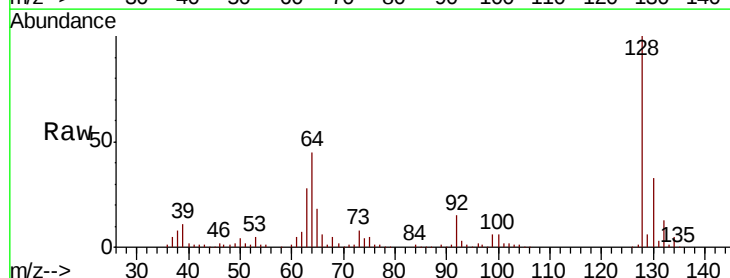
RT: 6.50 min Scan# 750

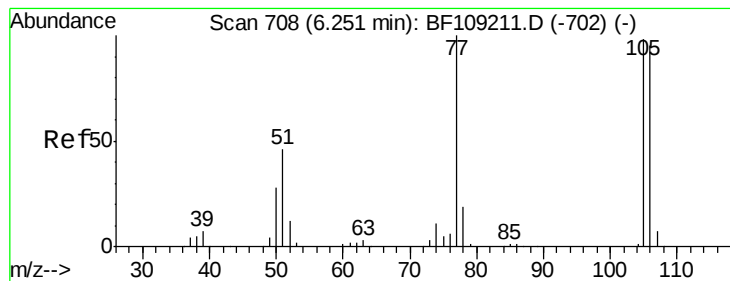
Delta R.T. 0.00 min

Lab File: BF109613.D

Acq: 5 Oct 2018 15:35

Tgt Ion:	128	Resp:	243541
Ion Ratio	Lower	Upper	
128	100		
130	33.4	13.0	53.0
64	44.7	29.4	69.4





#9

Benzaldehyde

Concen: 21.562 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF109613.D

Acq: 5 Oct 2018 15:35

Instrument :

BNA_F

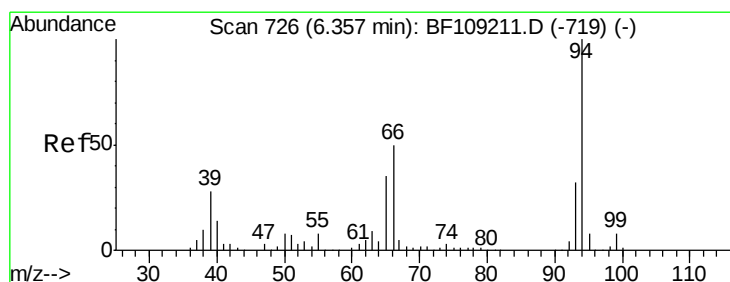
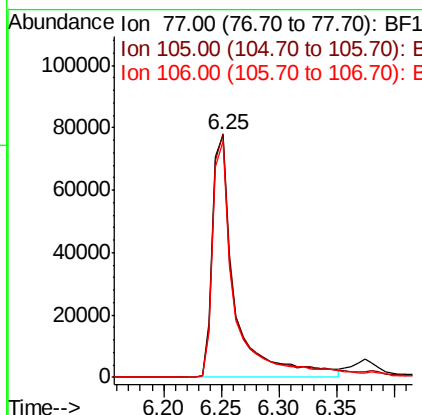
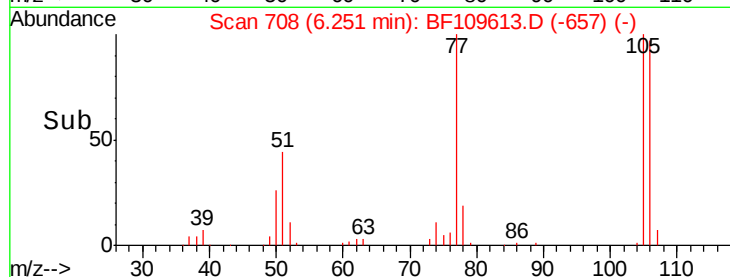
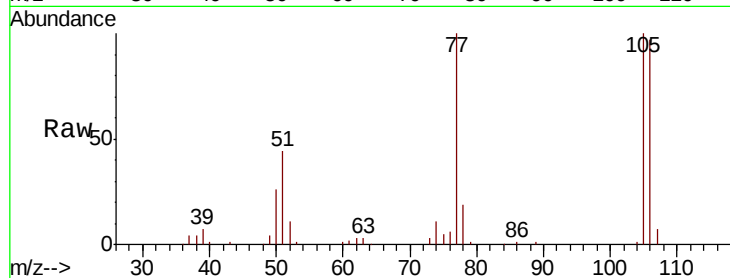
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
77	100		
105	100.3	81.1	121.1
106	97.2	74.5	114.5

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#10

Phenol

Concen: 34.934 ng

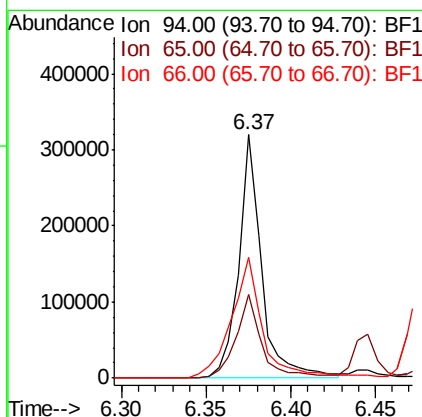
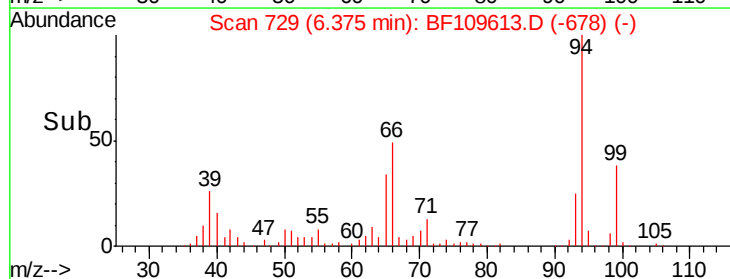
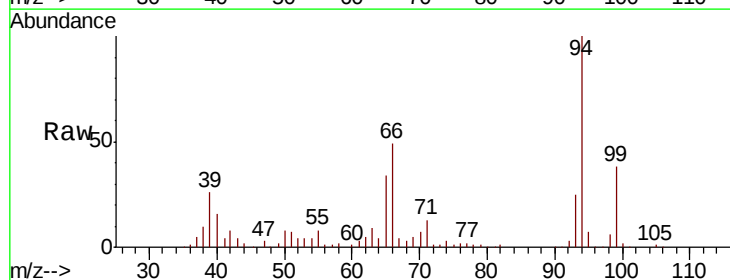
RT: 6.37 min Scan# 729

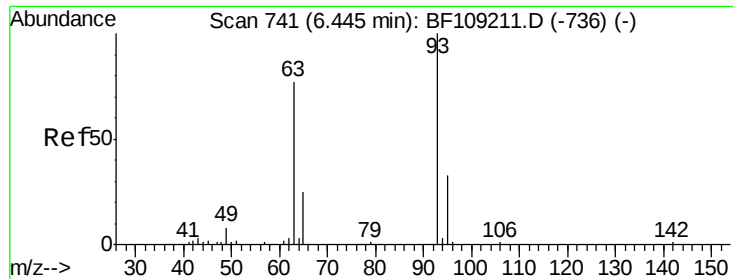
Delta R.T. 0.00 min

Lab File: BF109613.D

Acq: 5 Oct 2018 15:35

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.5	7.9	47.9
66	49.4	16.2	56.2





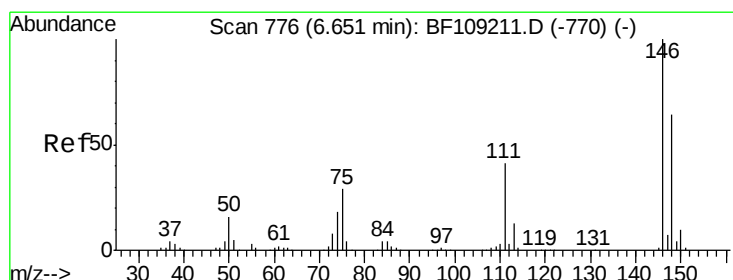
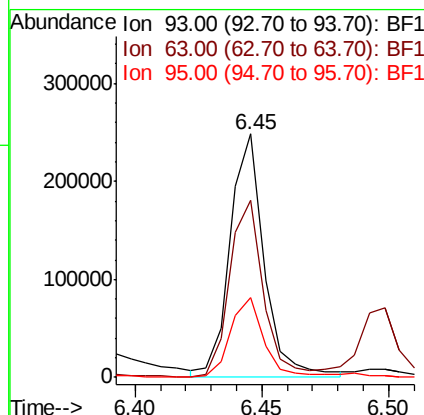
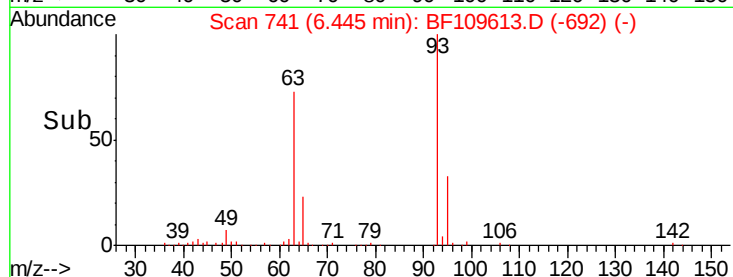
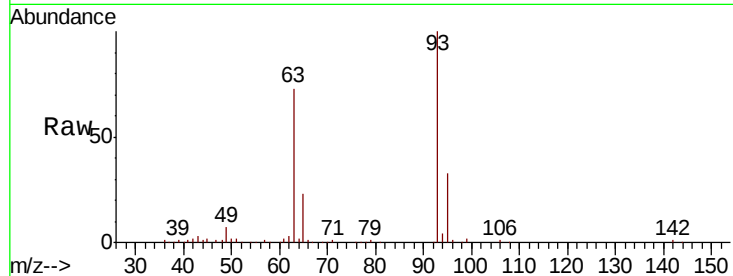
#11
bis(2-Chloroethyl)ether
Concen: 34.584 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF109613.D
Acq: 5 Oct 2018 15:35

Instrument :
BNA_F
ClientSampleId :
SSSI-1001-S-DH-02MSD

Tot Ion:	93	Resp:	232370
Ion	Ratio	Lower	Upper
93	100		
63	72.6	58.6	98.6
95	32.6	11.8	51.8

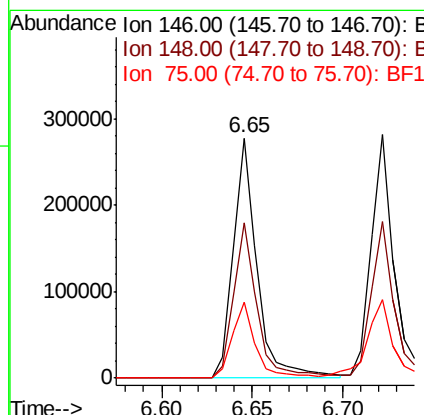
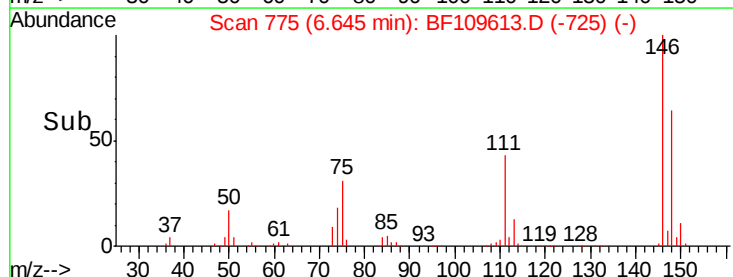
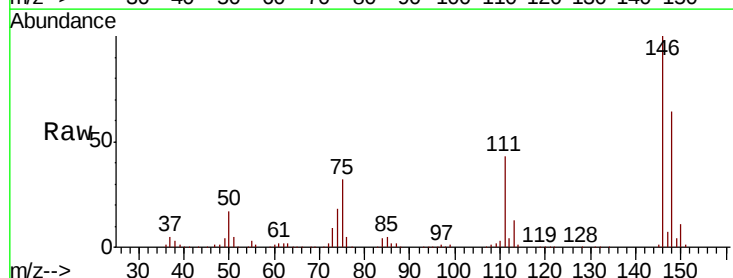
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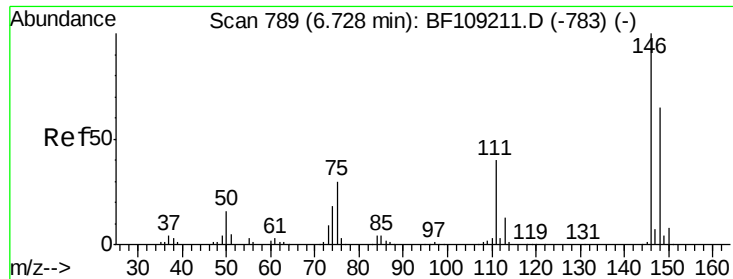
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#12
1,3-Dichlorobenzene
Concen: 33.516 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF109613.D
Acq: 5 Oct 2018 15:35

Tgt Ion:	146	Resp:	254990
Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.8
75	31.6	24.2	36.4





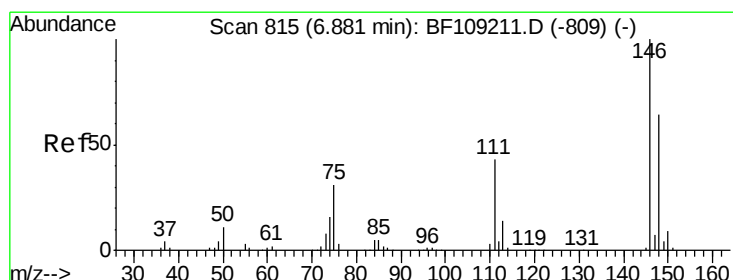
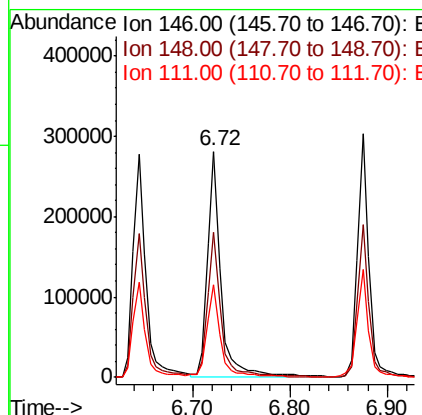
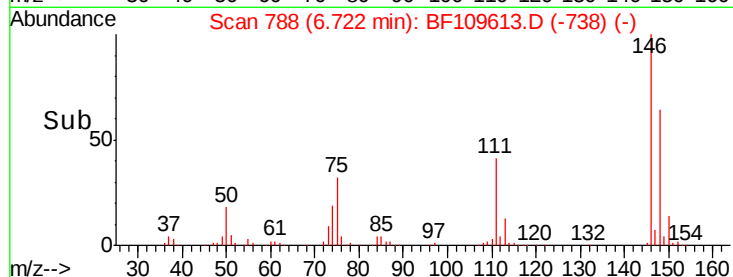
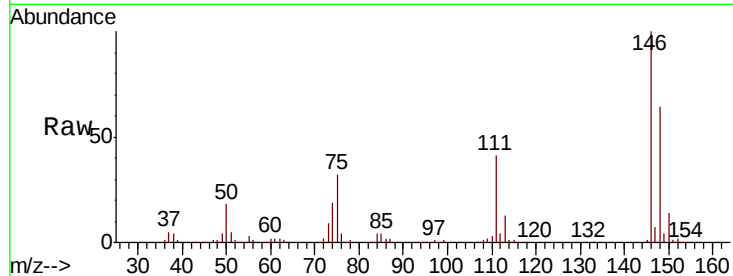
#13
1,4-Dichlorobenzene
Concen: 35.256 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF109613.D
Acq: 5 Oct 2018 15:35

Instrument :
BNA_F
ClientSampleId :
SSSI-1001-S-DH-02MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.8	76.2
111	40.9	34.2	51.2

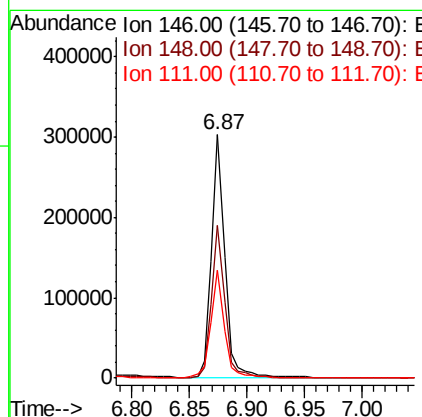
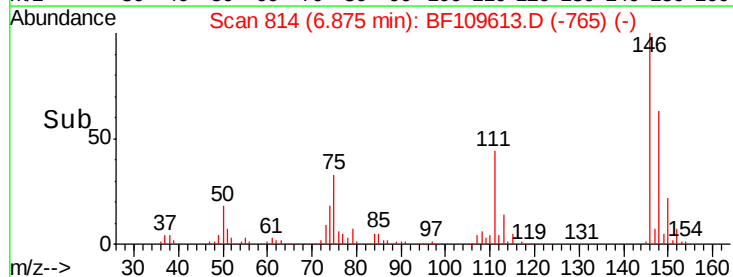
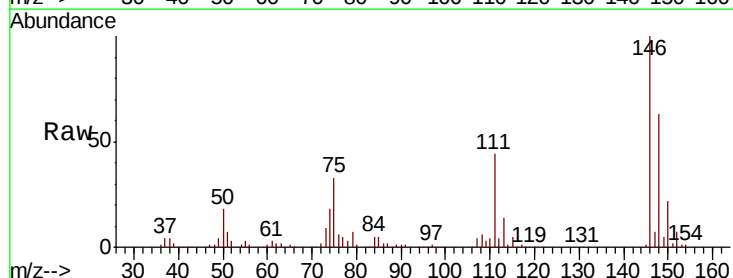
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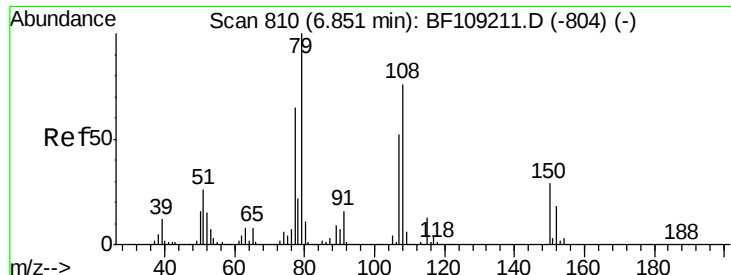
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#14
1,2-Dichlorobenzene
Concen: 34.482 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF109613.D
Acq: 5 Oct 2018 15:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.6	75.8
111	44.2	36.0	54.0





#15

Benzyl Alcohol

Concen: 35.985 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF109613.D

Acq: 5 Oct 2018 15:35

Instrument :

BNA_F

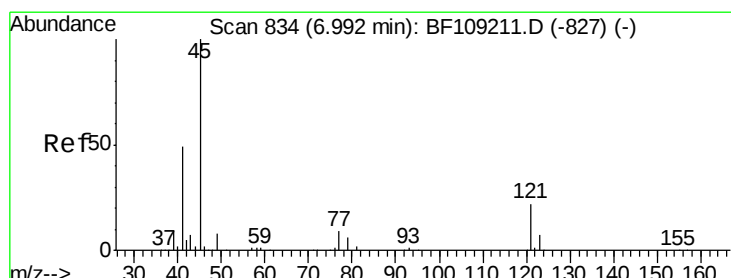
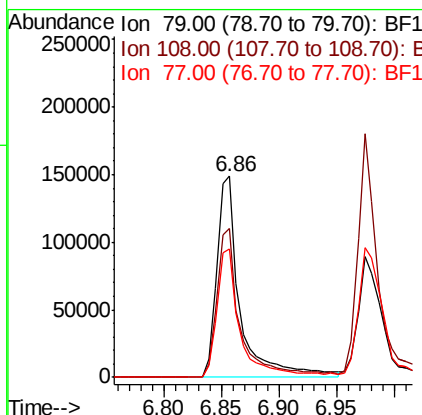
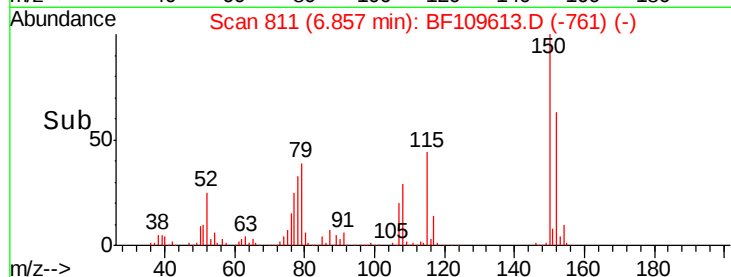
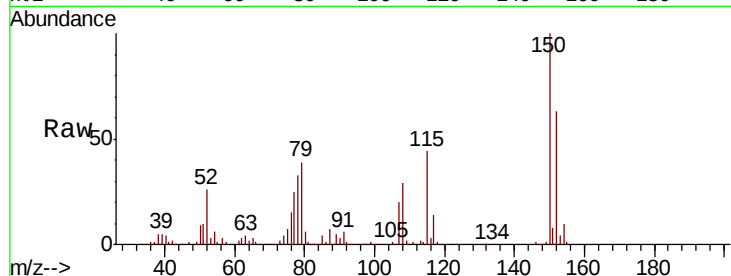
ClientSampleId :

SSSI-1001-S-DH-02MSD

Tot Ion:	79	Resp:	208851
Ion Ratio	Lower	Upper	
79	100		
108	74.2	65.1	97.7
77	63.8	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.955 ng

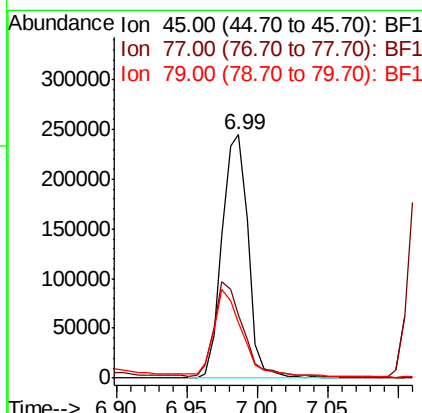
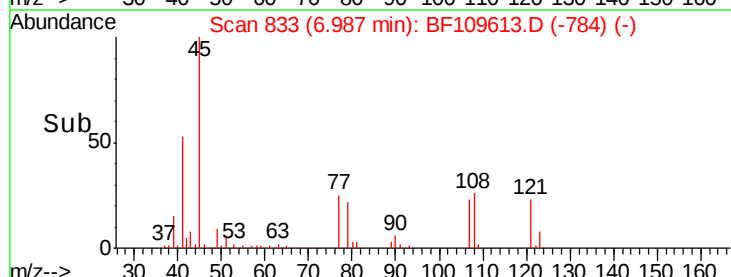
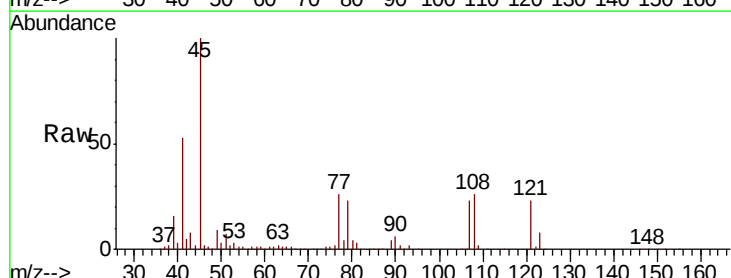
RT: 6.99 min Scan# 833

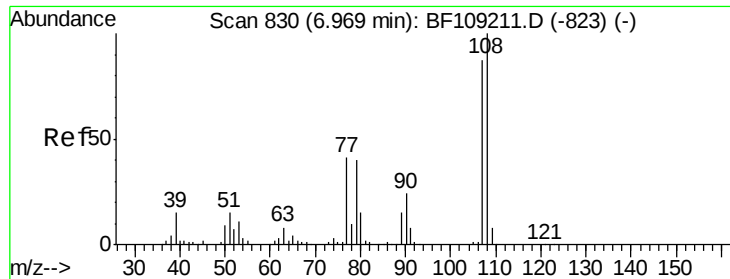
Delta R.T. -0.01 min

Lab File: BF109613.D

Acq: 5 Oct 2018 15:35

Tgt Ion:	45	Resp:	314083
Ion Ratio	Lower	Upper	
45	100		
77	25.8	0.0	32.9
79	22.6	0.0	29.6





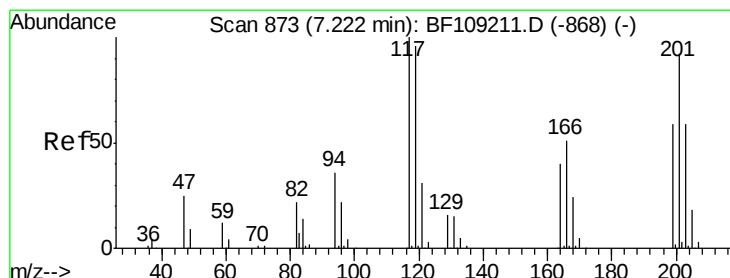
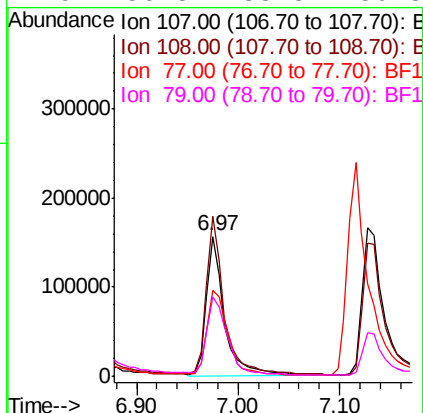
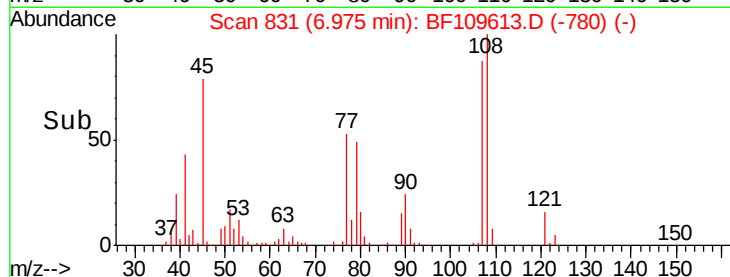
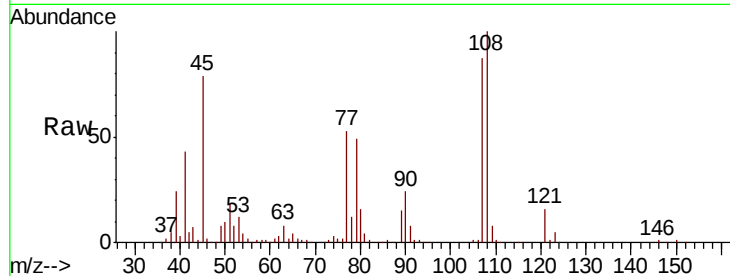
#17
2-Methylphenol
Concen: 36.184 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF109613.D
Acq: 5 Oct 2018 15:35

Instrument :
BNA_F
ClientSampleId :
SSSI-1001-S-DH-02MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.8	91.7	137.5	
77	61.4	33.8	50.8#	
79	56.8	33.8	50.8#	

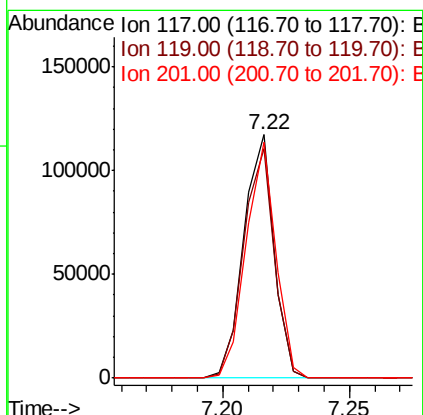
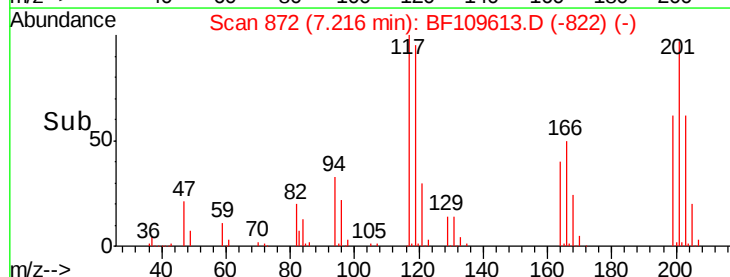
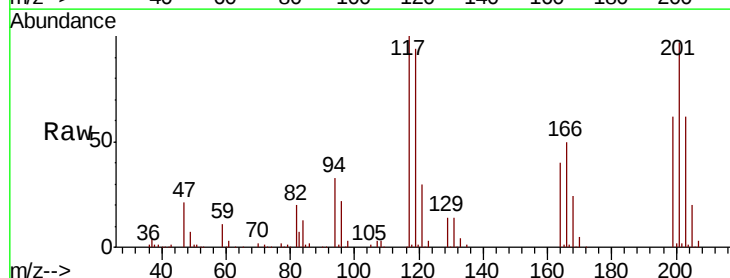
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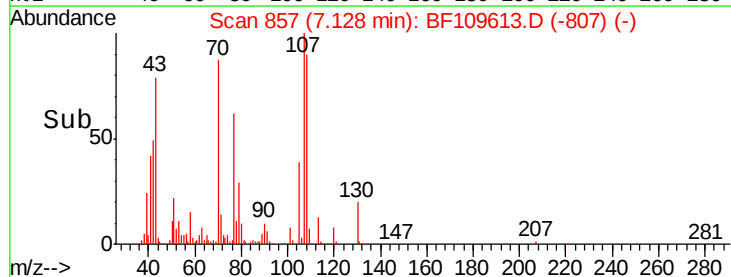
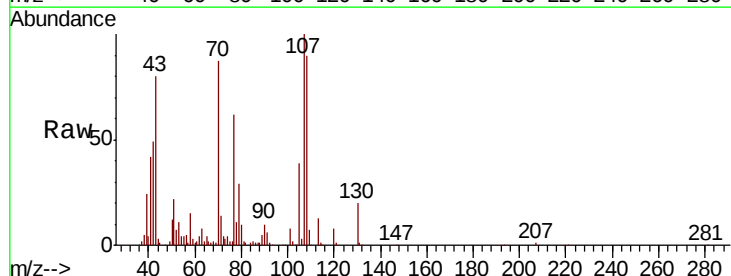
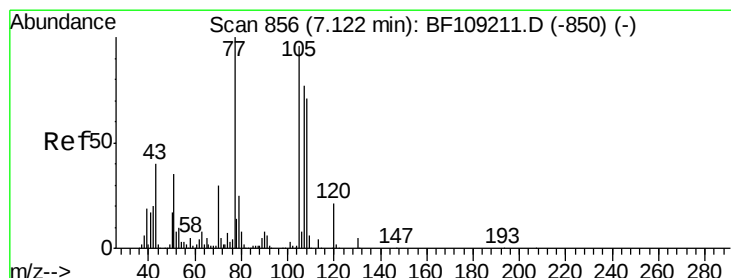
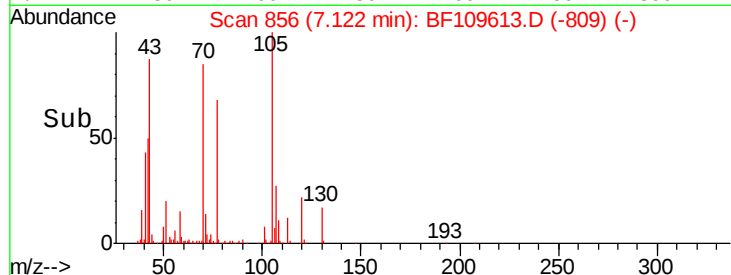
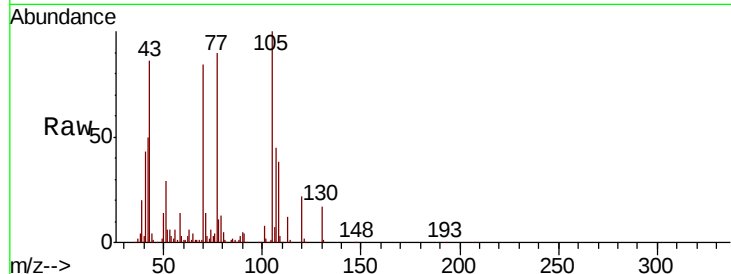
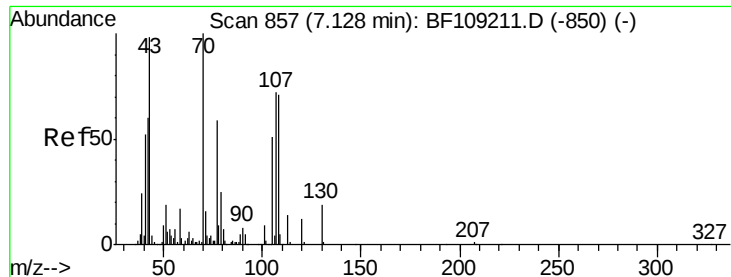
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#18
Hexachloroethane
Concen: 36.092 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF109613.D
Acq: 5 Oct 2018 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.5	75.8	113.8	
201	96.8	75.7	113.5	





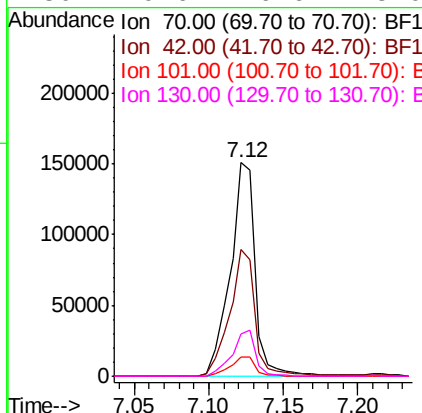
#19
n-Nitroso-di-n-propylamine
Concen: 35.847 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.02 min
Lab File: BF109613.D
Acq: 5 Oct 2018 15:35

Instrument :
BNA_F
ClientSampleId :
SSSI-1001-S-DH-02MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.6	47.5	71.3
101	9.0	7.4	11.2
130	19.6	16.6	25.0

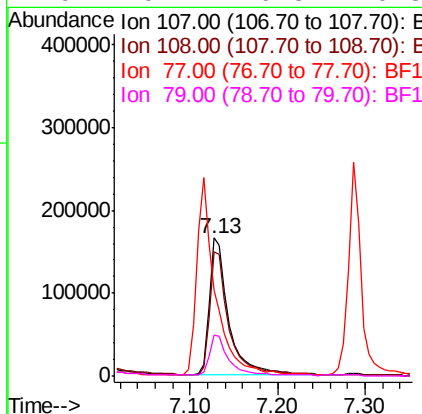
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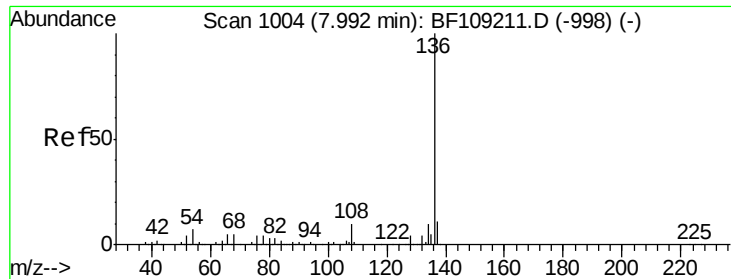
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#20
3+4-Methylphenols
Concen: 39.540 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF109613.D
Acq: 5 Oct 2018 15:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.7	68.2	108.2
77	62.2	26.7	66.7
79	29.4	6.3	46.3





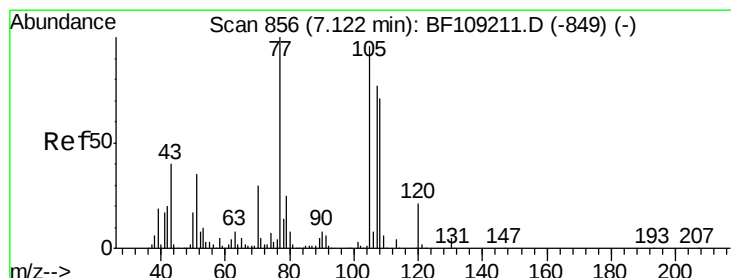
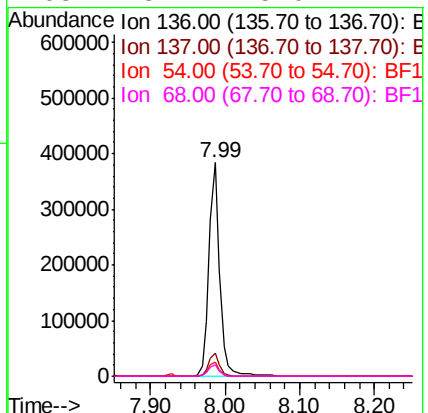
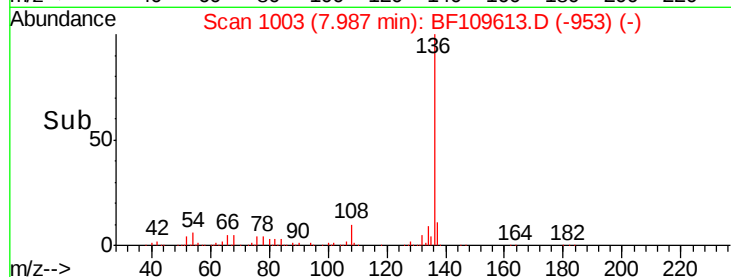
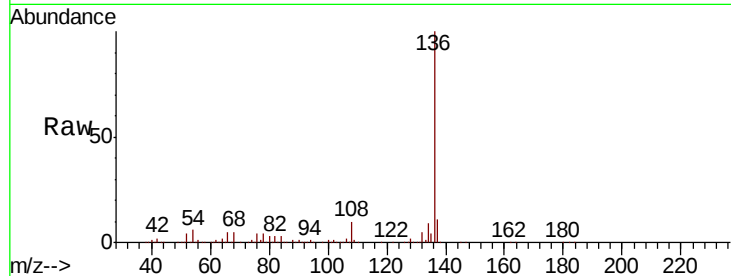
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109613.D
Acq: 5 Oct 2018 15:35

Instrument :
BNA_F
ClientSampleId :
SSSI-1001-S-DH-02MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.9	13.3	
54	6.5	6.6	9.8	
68	5.4	5.0	7.4	

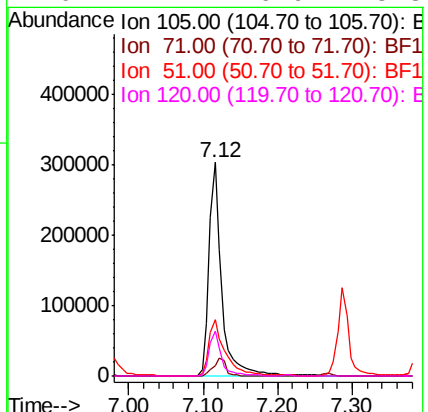
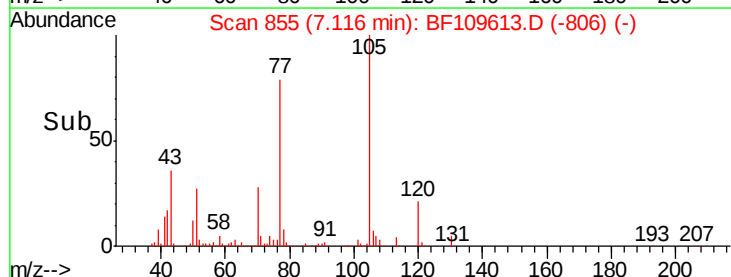
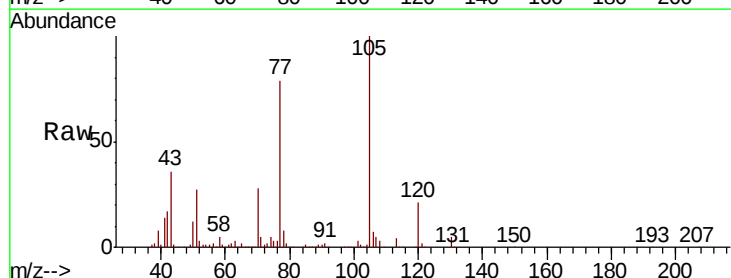
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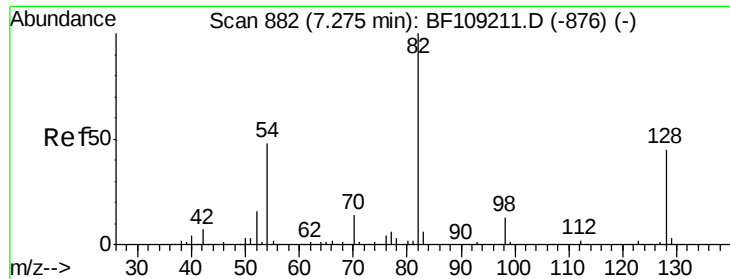
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#22
Acetophenone
Concen: 40.188 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109613.D
Acq: 5 Oct 2018 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.6	4.4	6.6	
51	26.7	22.3	33.5	
120	21.2	16.9	25.3	





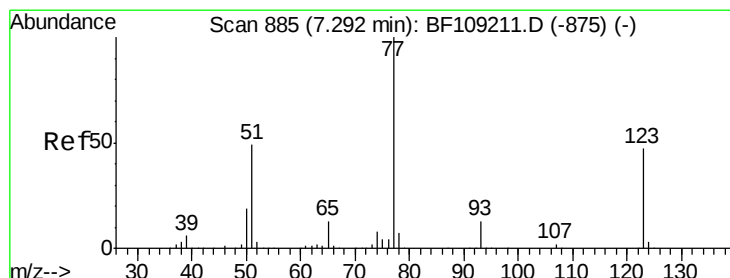
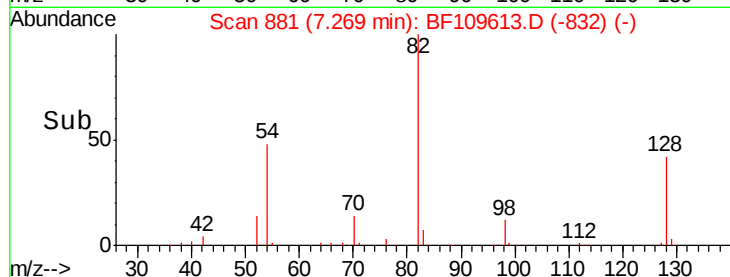
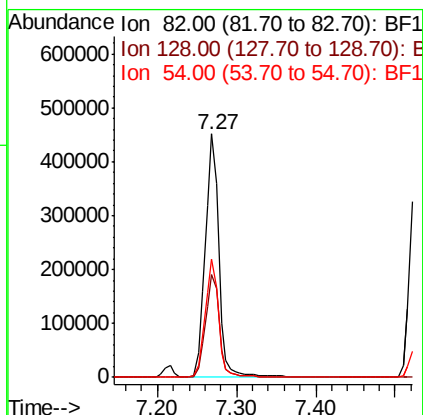
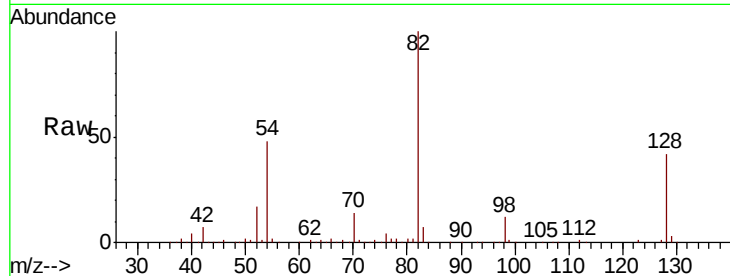
#23
 Nitrobenzene-d5
 Concen: 83.802 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109613.D
 Acq: 5 Oct 2018 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-1001-S-DH-02MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.3	36.1	54.1
54	48.5	41.4	62.2

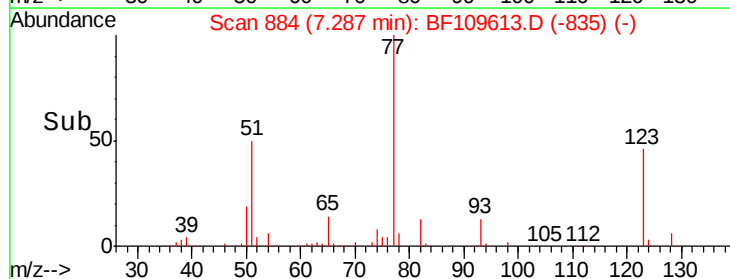
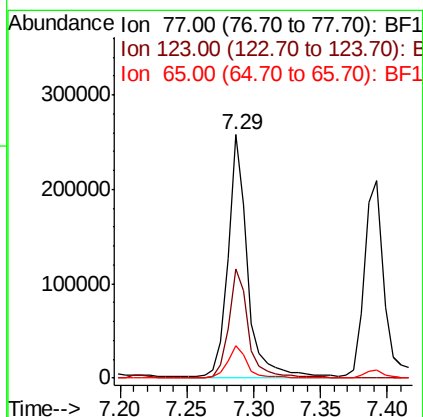
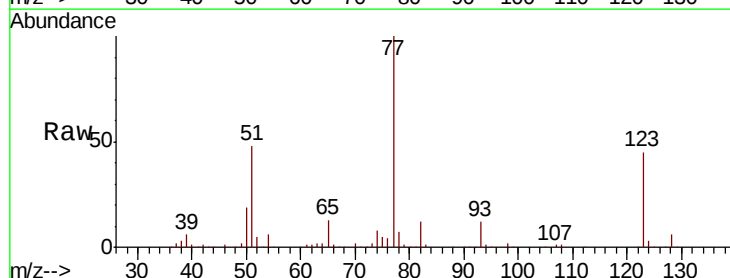
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#24
 Nitrobenzene
 Concen: 37.796 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF109613.D
 Acq: 5 Oct 2018 15:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.8	37.9	56.9
65	13.4	11.0	16.4





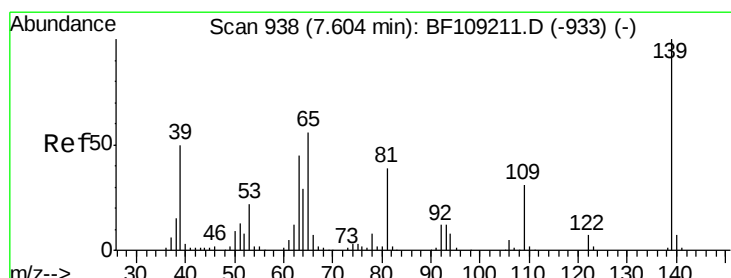
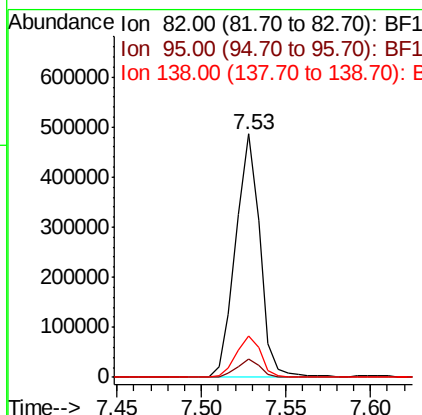
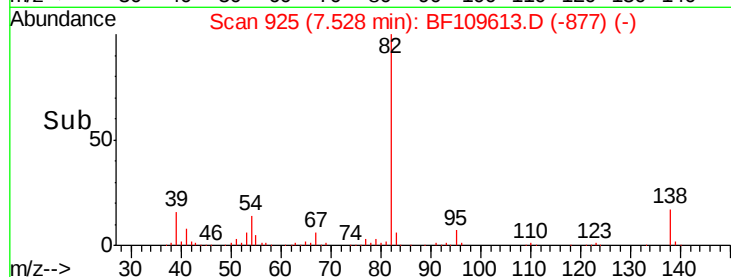
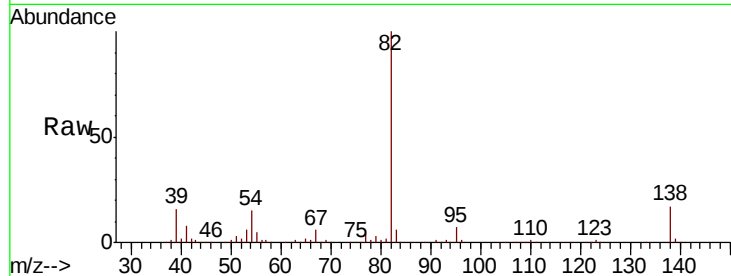
#25
Isophorone
Concen: 41.173 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF109613.D
Acq: 5 Oct 2018 15:35

Instrument :
BNA_F
ClientSampleId :
SSSI-1001-S-DH-02MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.3	5.2	7.8	
138	17.2	14.9	22.3	

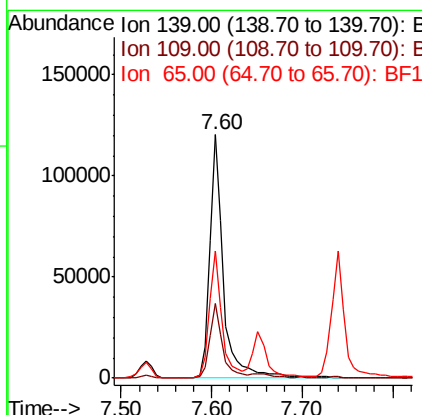
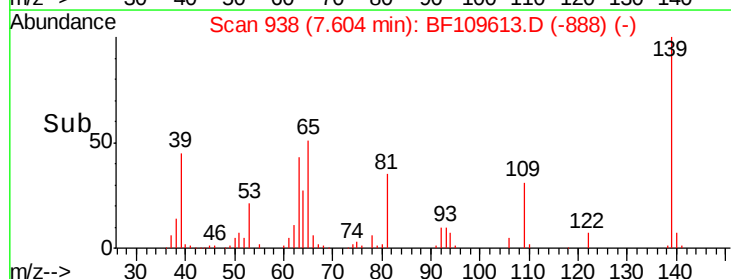
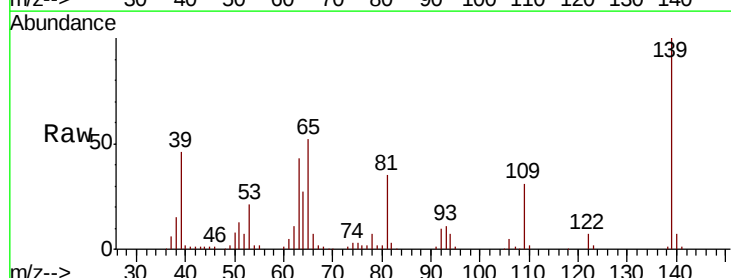
Manual Integrations
APPROVED

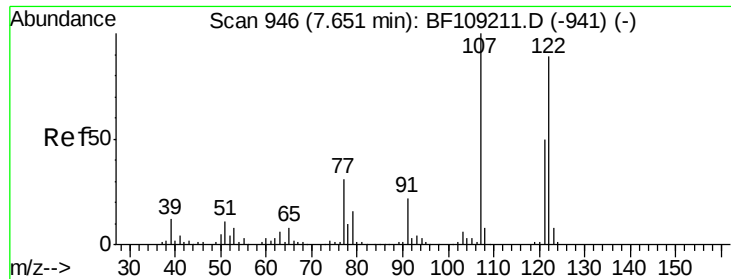
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#26
2-Nitrophenol
Concen: 46.702 ng
RT: 7.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF109613.D
Acq: 5 Oct 2018 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	30.7	22.7	34.1	
65	52.5	40.5	60.7	





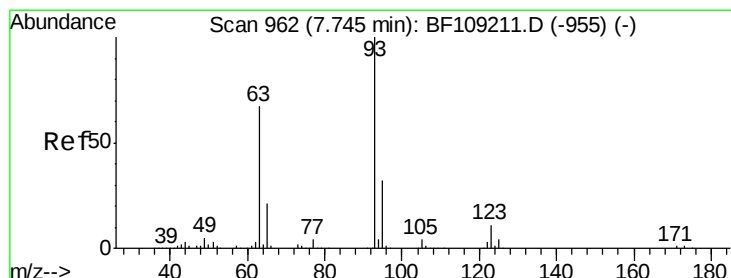
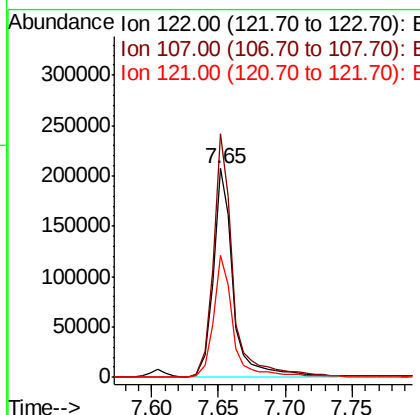
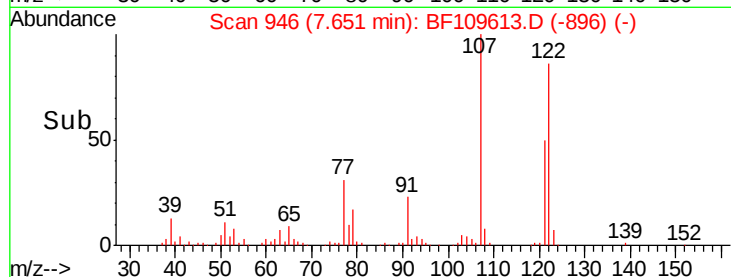
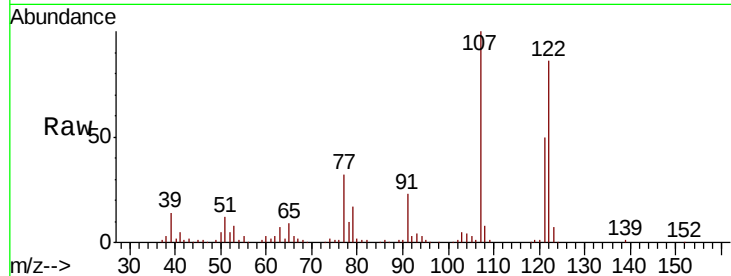
#27
2,4-Dimethylphenol
Concen: 42.095 ng
RT: 7.65 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF109613.D
Acq: 5 Oct 2018 15:35

Instrument :
BNA_F
ClientSampleId :
SSSI-1001-S-DH-02MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.5	91.2	136.8
121	58.5	47.2	70.8

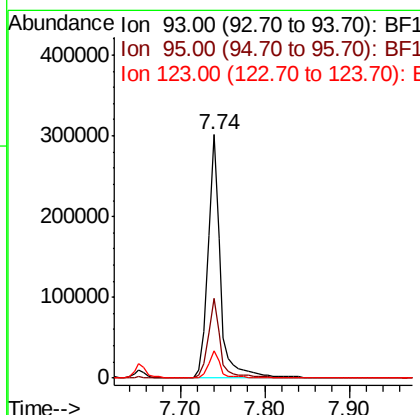
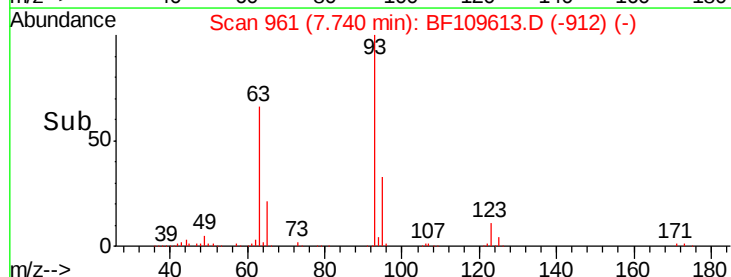
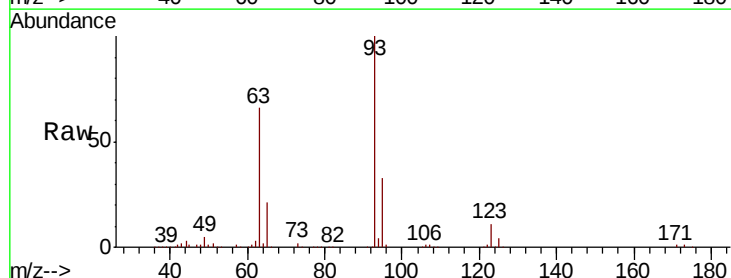
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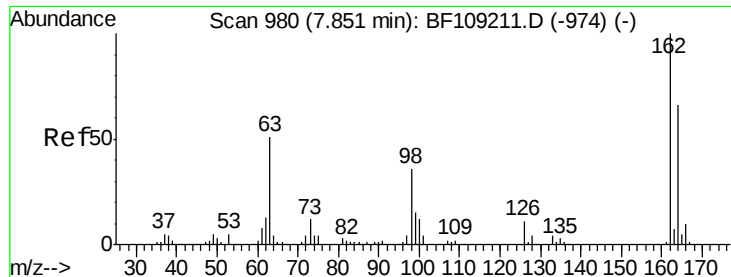
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 39.718 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF109613.D
Acq: 5 Oct 2018 15:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.3	39.5
123	11.0	9.8	14.6





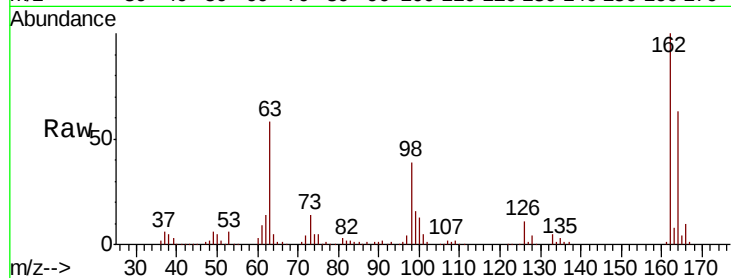
#29
2,4-Dichlorophenol
Concen: 40.140 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF109613.D
Acq: 5 Oct 2018 15:35

Instrument :
BNA_F
ClientSampleId :
SSSI-1001-S-DH-02MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.5	42.7	82.7
98	38.9	18.1	58.1

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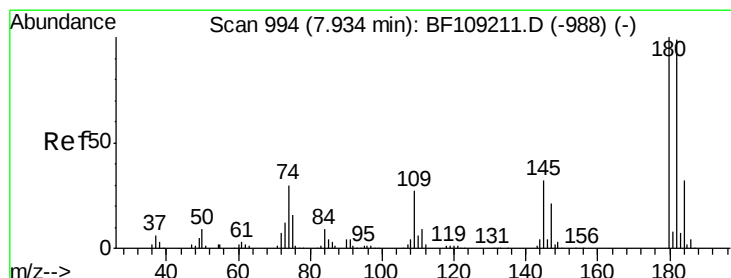
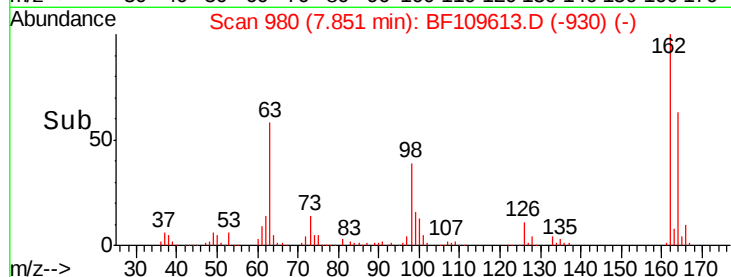
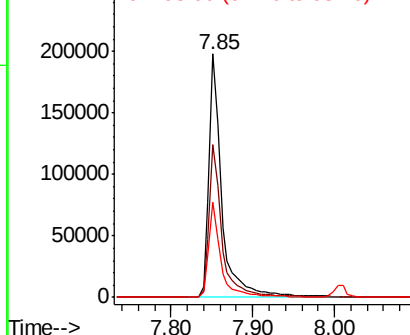


Abundance

Ion 162.00 (161.70 to 162.70): E

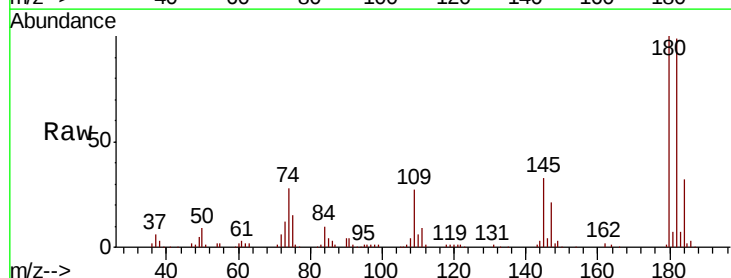
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 36.071 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF109613.D
Acq: 5 Oct 2018 15:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.0	76.8	115.2
145	32.5	26.5	39.7

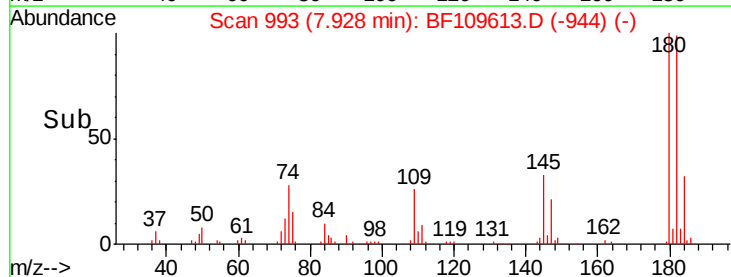
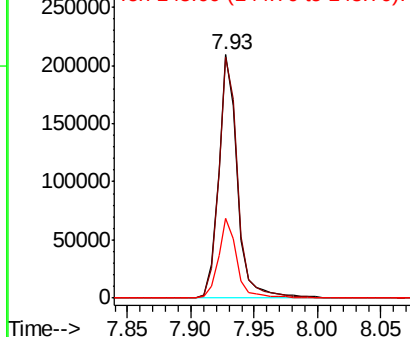


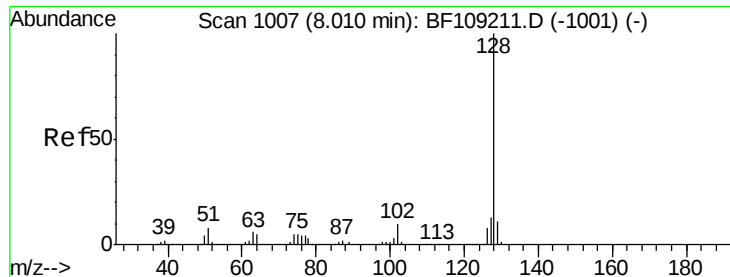
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.172 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF109613.D

Acq: 5 Oct 2018 15:35

Instrument :

BNA_F

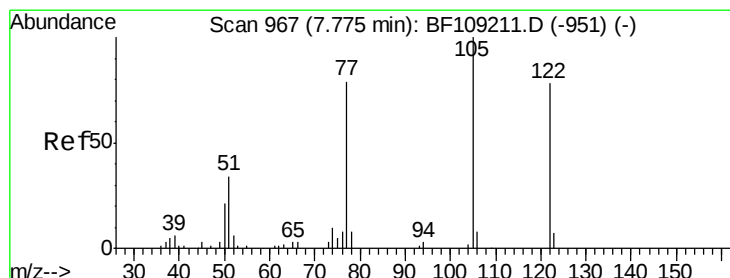
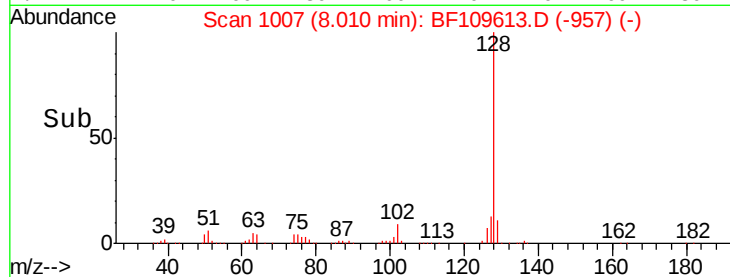
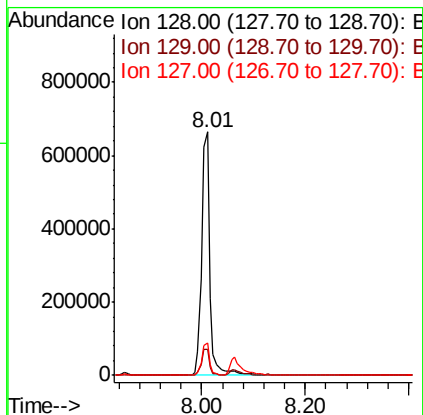
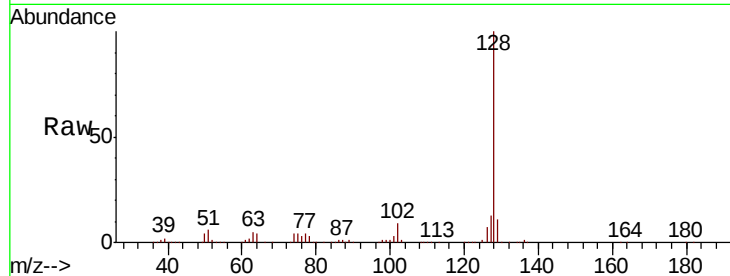
ClientSampleId :

SSSI-1001-S-DH-02MSD

Tot Ion:	128	Resp:	726495
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.8	13.2
127	13.1	10.9	16.3

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#32

Benzoic acid

Concen: 59.970 ng

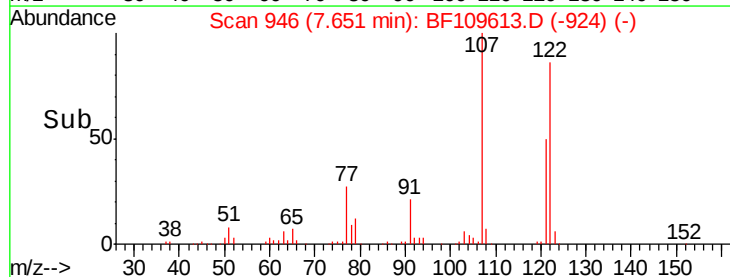
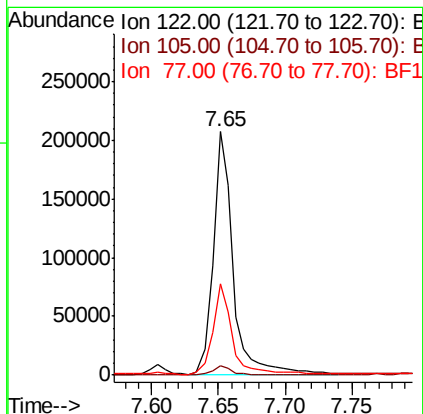
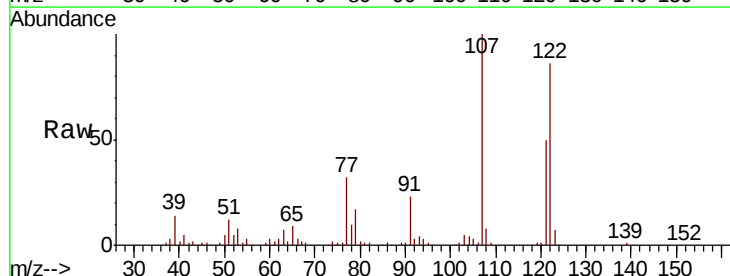
RT: 7.65 min Scan# 946

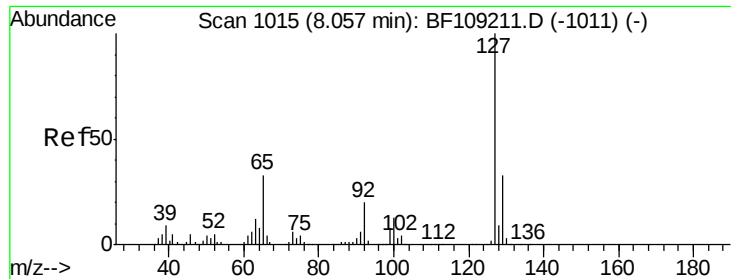
Delta R.T. -0.17 min

Lab File: BF109613.D

Acq: 5 Oct 2018 15:35

Tgt Ion:	122	Resp:	216534
Ion Ratio	Lower	Upper	
122	100		
105	4.0	101.1	141.1#
77	37.5	70.7	110.7#





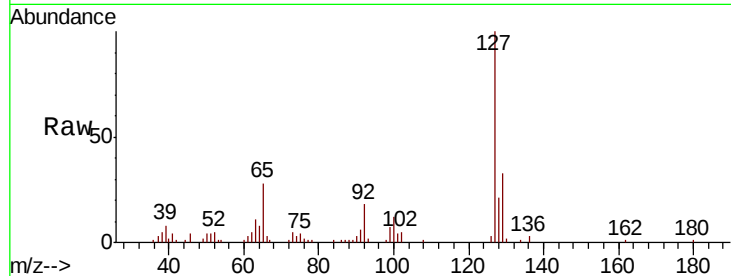
#33
4-Chloroaniline
Concen: 10.320 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF109613.D
Acq: 5 Oct 2018 15:35

Instrument :
BNA_F
ClientSampleId :
SSSI-1001-S-DH-02MSD

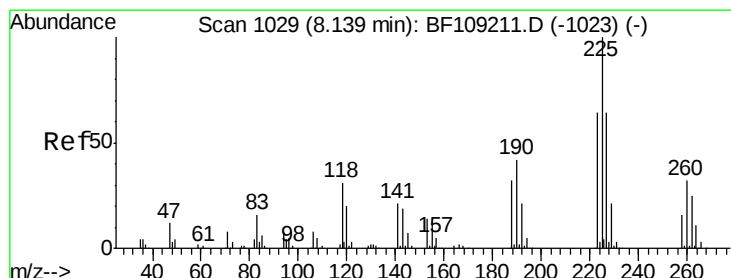
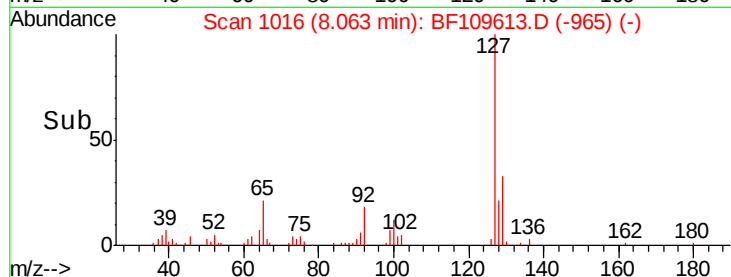
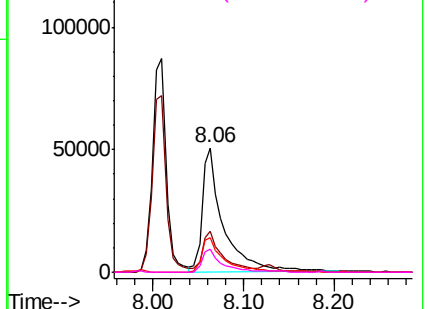
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	28.2	25.0	37.4
92	18.3	15.2	22.8

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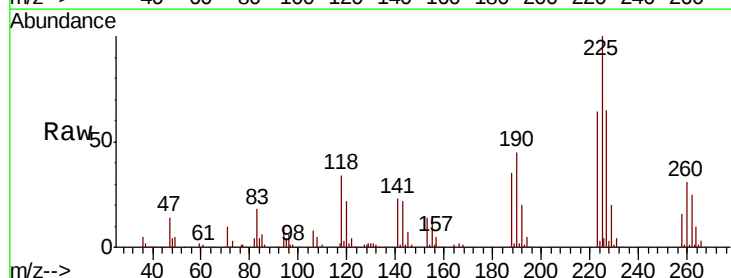


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

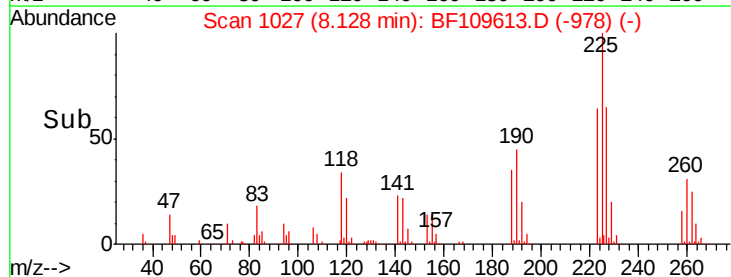
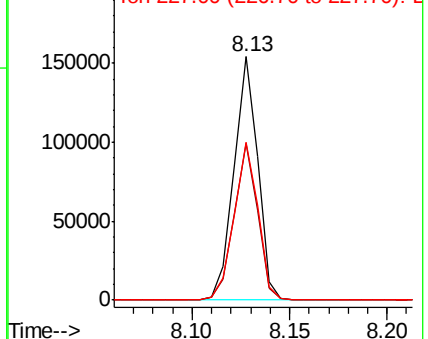


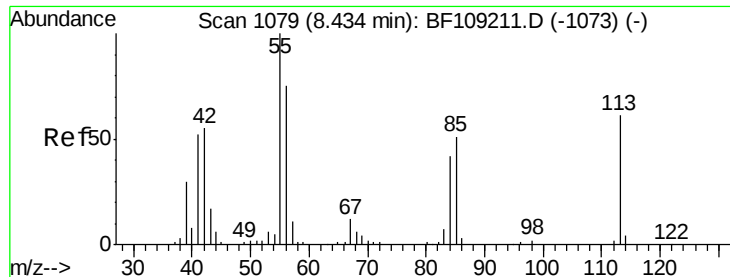
#34
Hexachlorobutadiene
Concen: 35.809 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF109613.D
Acq: 5 Oct 2018 15:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.6	76.0
227	64.8	51.9	77.9



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





#35

Caprolactam

Concen: 33.080 ng/mL

RT: 8.43 min Scan# 1078

Delta R.T. -0.04 min

Lab File: BF109613.D

Acq: 5 Oct 2018 15:35

Instrument :

BNA_F

ClientSampleId :

SSSI-1001-S-DH-02MSD

Tot Ion: 113 Resp: 57079

Ion Ratio Lower Upper

113 100

55 158.0 163.3 203.3#

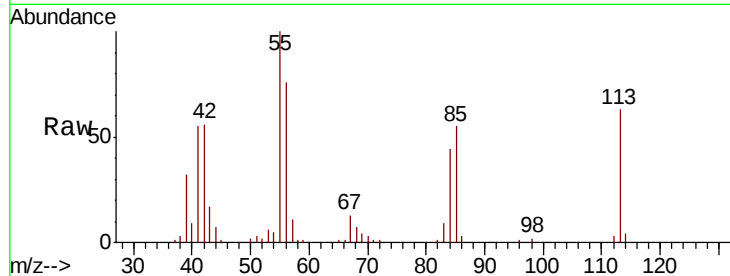
56 120.3 115.7 155.7

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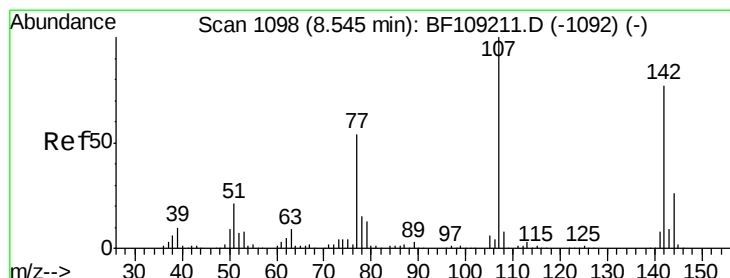
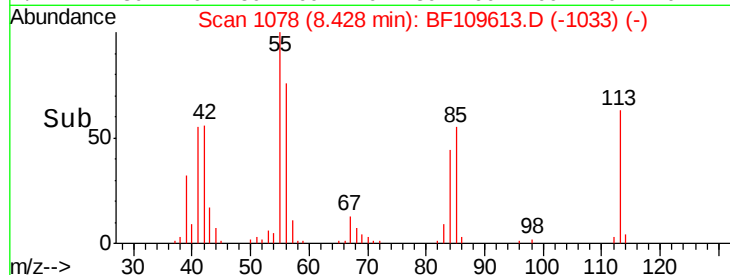
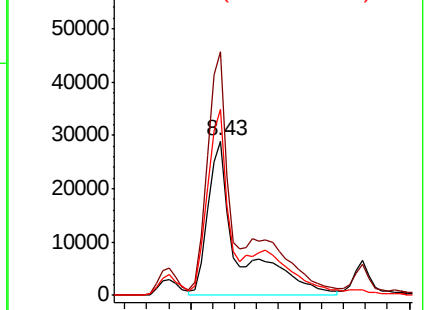


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.786 ng/mL

RT: 8.56 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF109613.D

Acq: 5 Oct 2018 15:35

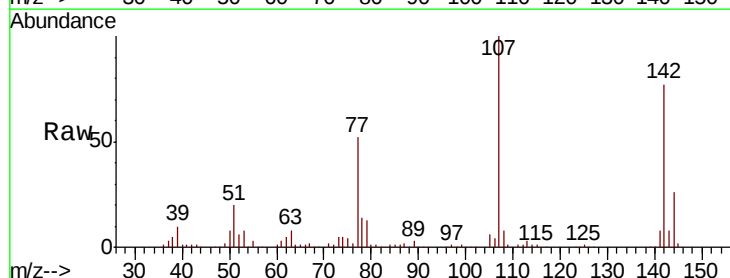
Tgt Ion: 107 Resp: 231957

Ion Ratio Lower Upper

107 100

144 25.8 20.5 30.7

142 76.7 62.0 93.0

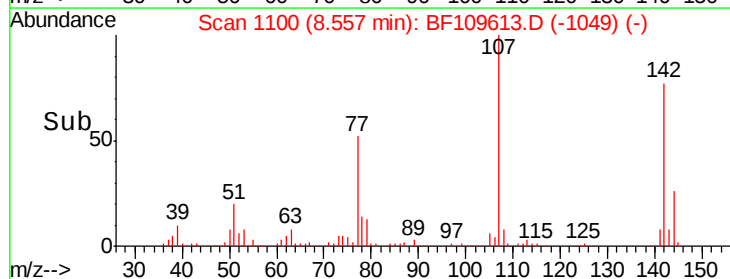
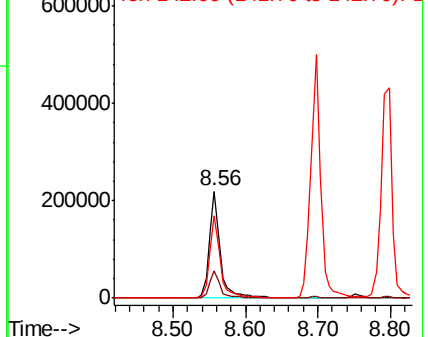


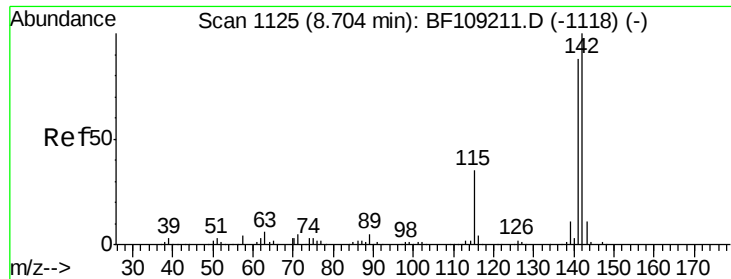
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





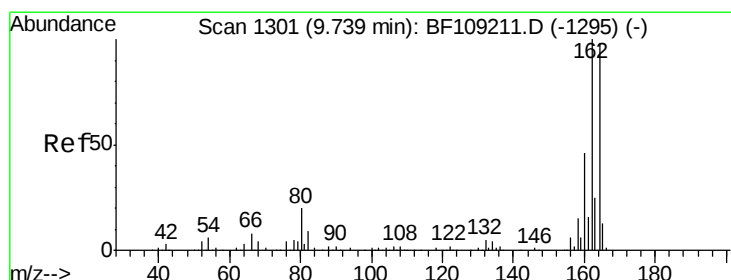
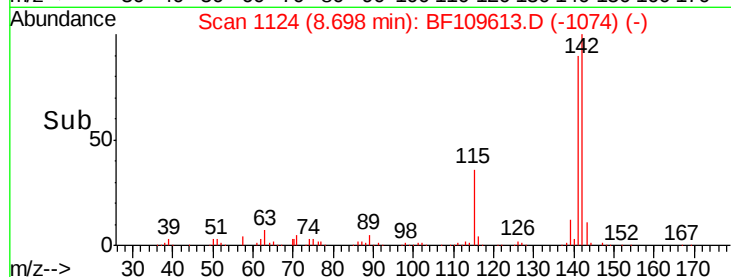
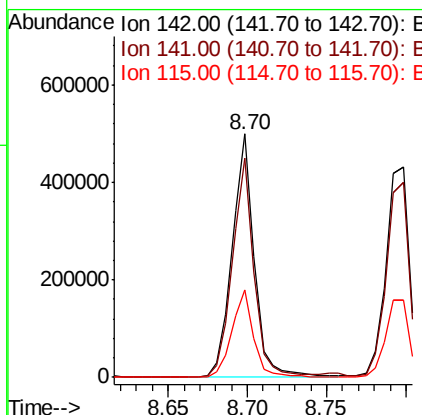
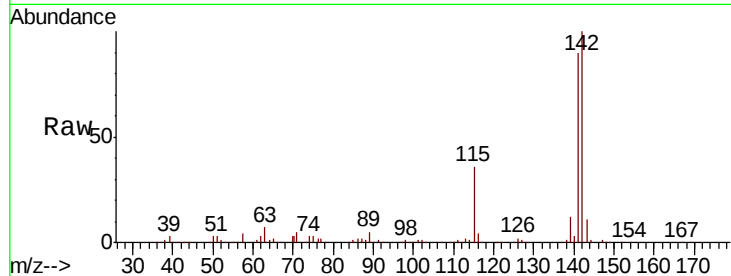
#37
2-Methylnaphthalene
Concen: 41.673 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF109613.D
Acq: 5 Oct 2018 15:35

Instrument :
BNA_F
ClientSampleId :
SSSI-1001-S-DH-02MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.8	106.2
115	35.9	26.1	39.1

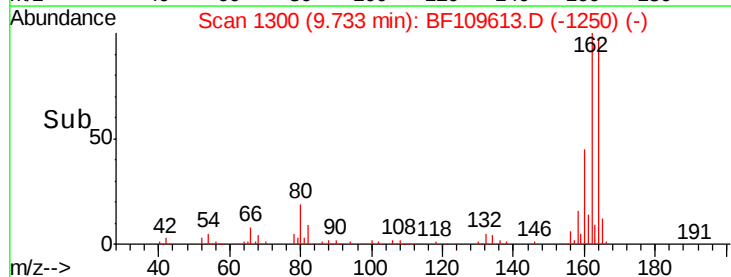
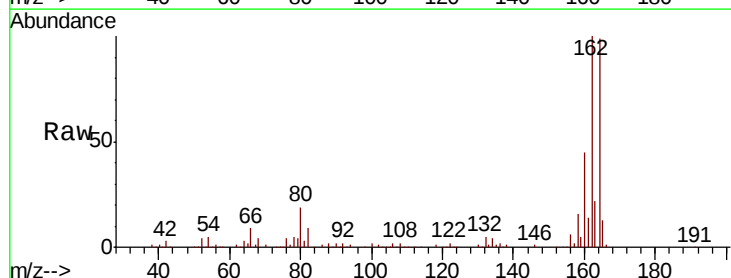
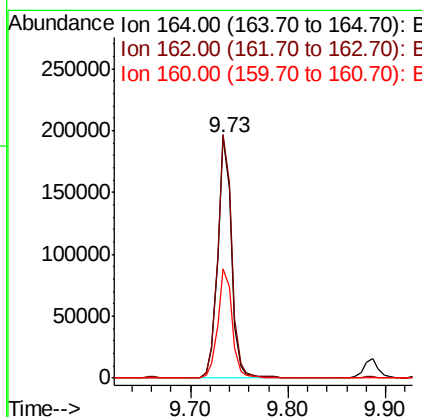
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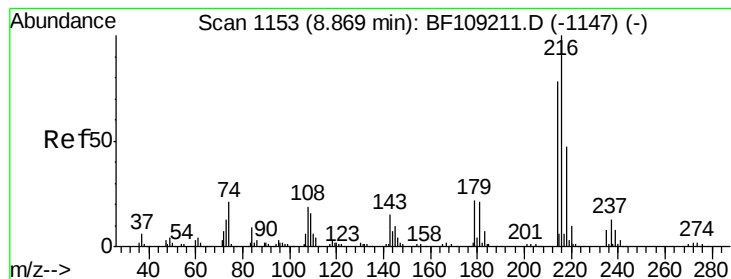
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109613.D
Acq: 5 Oct 2018 15:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	86.1	129.1
160	45.5	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.256 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF109613.D

Acq: 5 Oct 2018 15:35

Instrument :

BNA_F

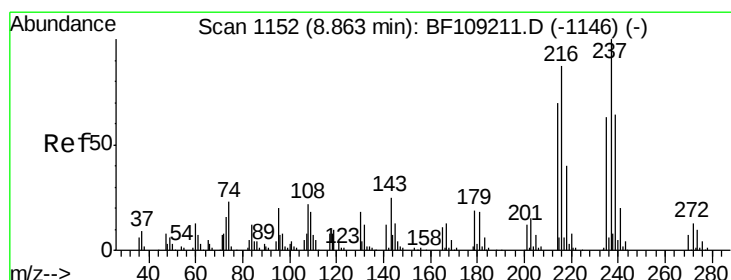
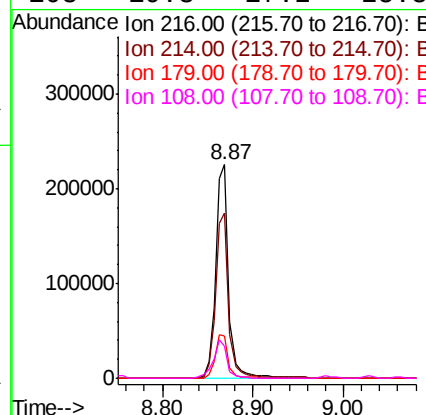
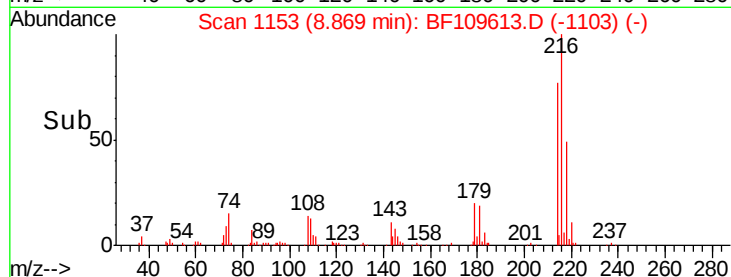
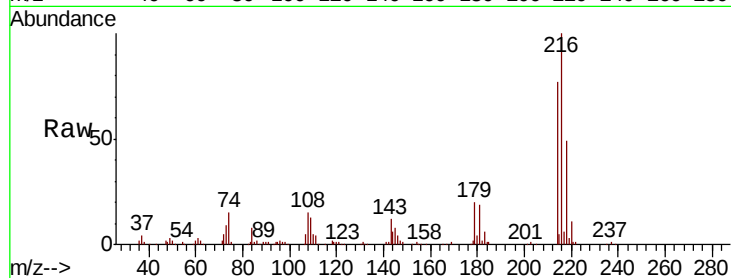
ClientSampleId :

SSSI-1001-S-DH-02MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		225910		
214	78.2		63.0	94.4	
179	20.8		18.1	27.1	
108	19.3		17.2	25.8	

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#40

Hexachlorocyclopentadiene

Concen: 50.307 ng

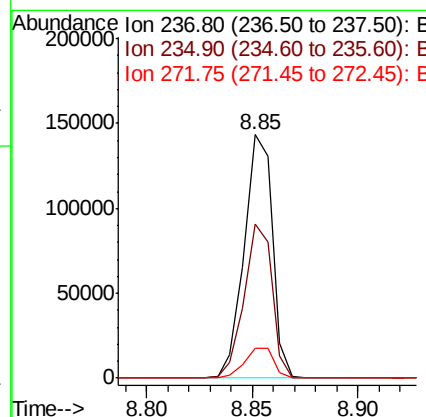
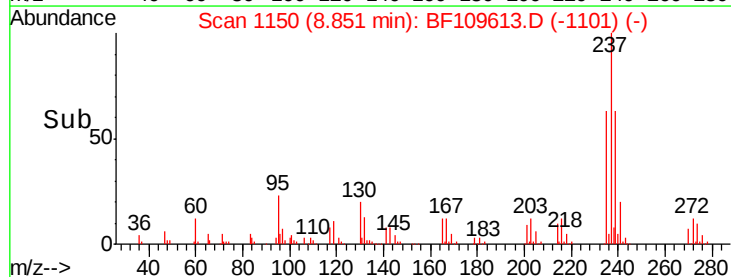
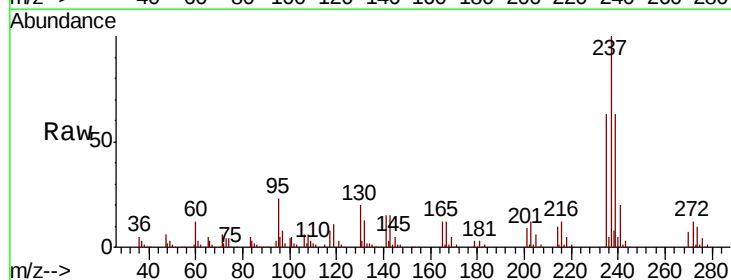
RT: 8.85 min Scan# 1150

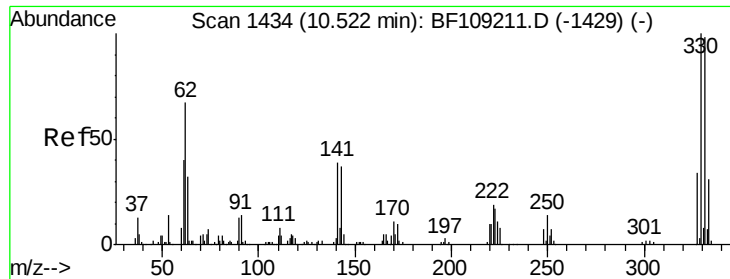
Delta R.T. -0.01 min

Lab File: BF109613.D

Acq: 5 Oct 2018 15:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		133051		
235	63.4		44.8	84.8	
272	12.3		0.0	33.3	





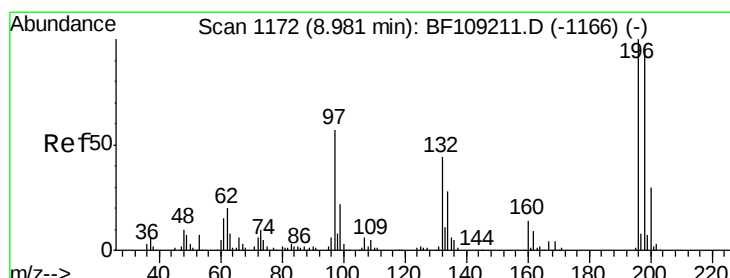
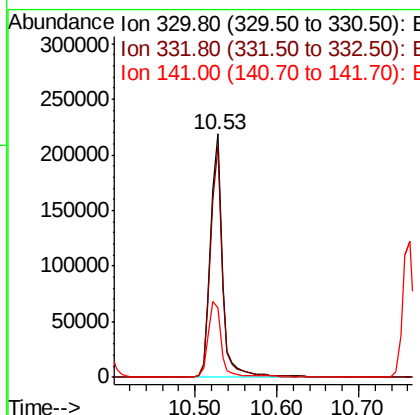
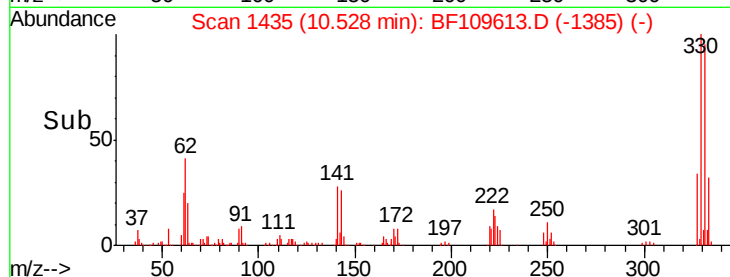
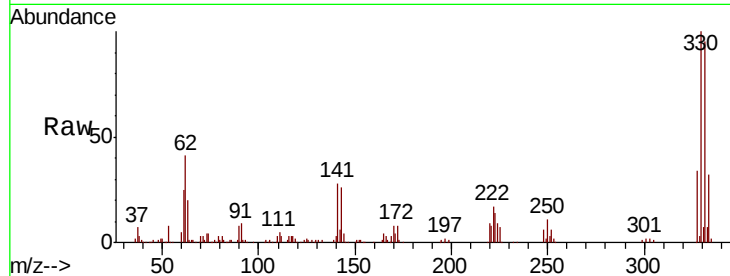
#41
 2,4,6-Tribromophenol
 Concen: 119.183 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109613.D
 Acq: 5 Oct 2018 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-1001-S-DH-02MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.5	77.0	115.6	
141	33.3	29.9	44.9	

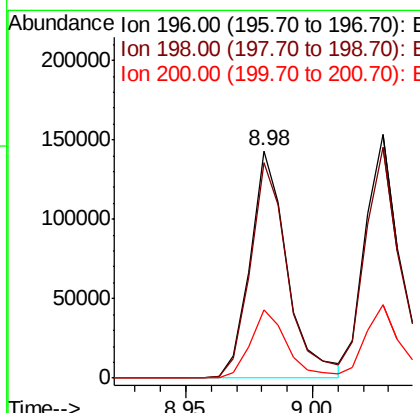
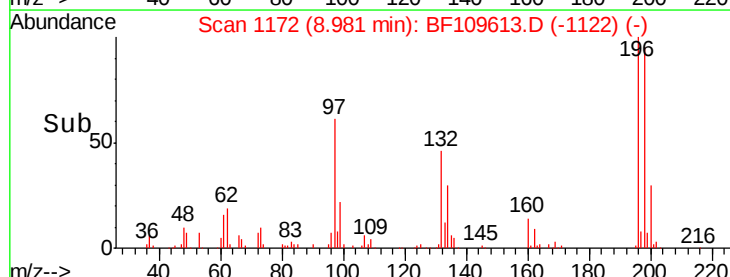
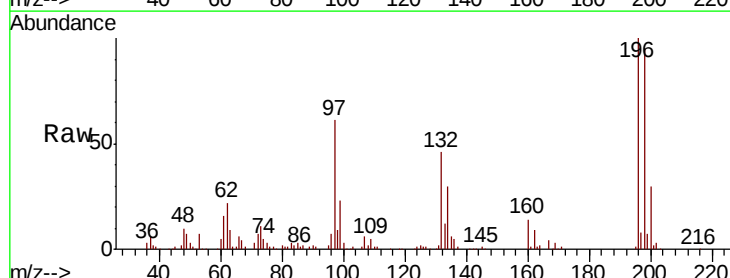
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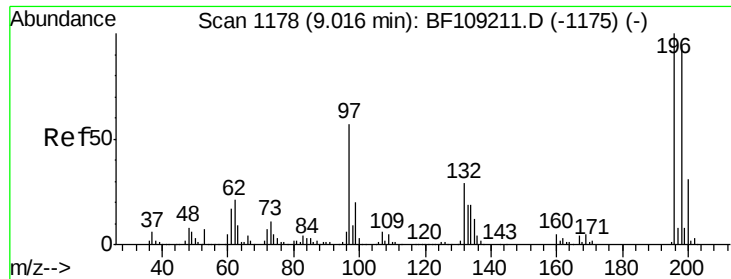
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 37.512 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF109613.D
 Acq: 5 Oct 2018 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.6	75.7	113.5	
200	30.2	24.5	36.7	





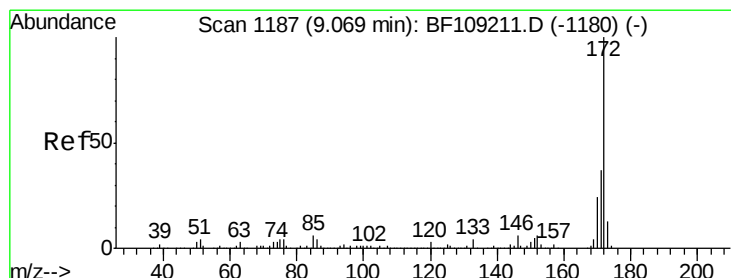
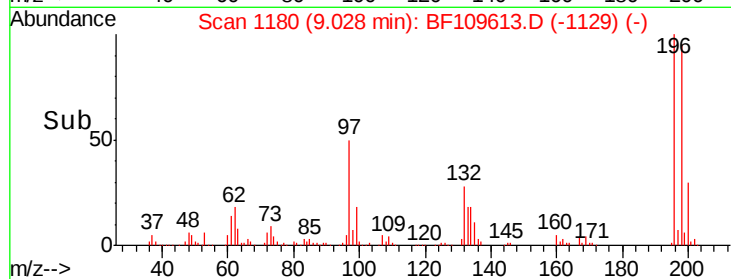
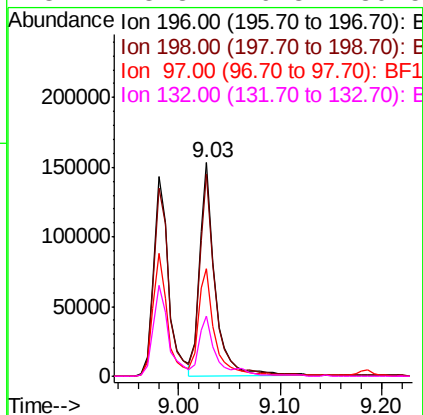
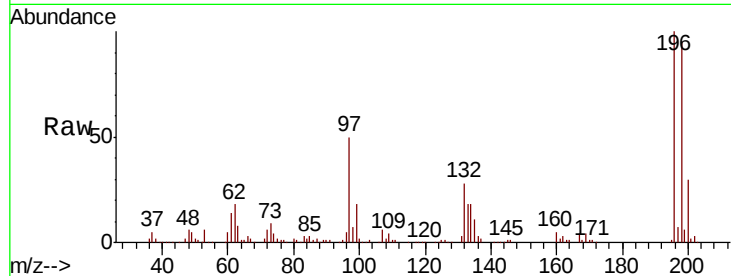
#43
 2,4,5-Trichlorophenol
 Concen: 39.578 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF109613.D
 Acq: 5 Oct 2018 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-1001-S-DH-02MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	162672		
198	94.9	74.6	112.0	
97	50.4	42.9	64.3	
132	28.3	26.3	39.5	

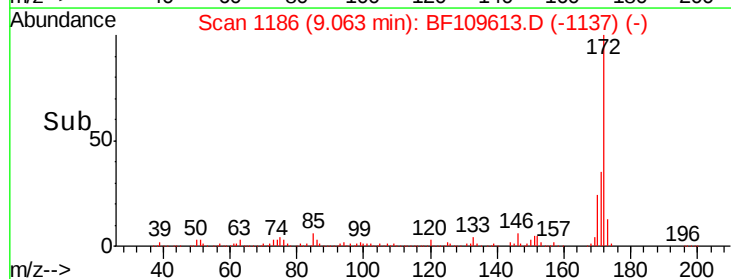
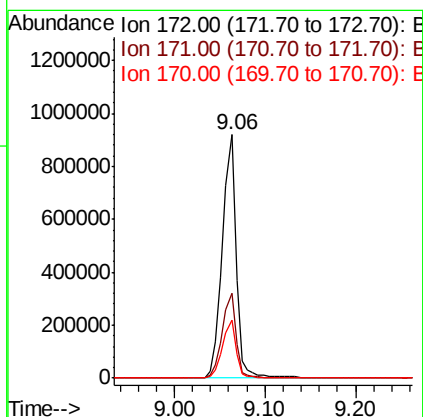
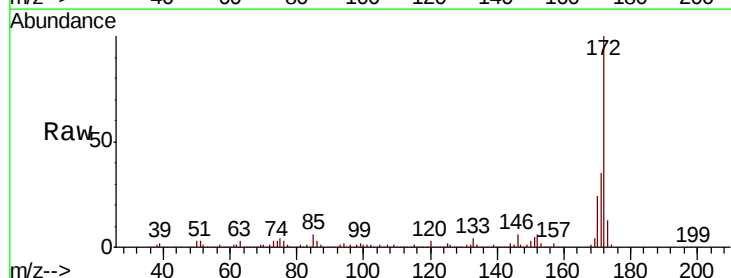
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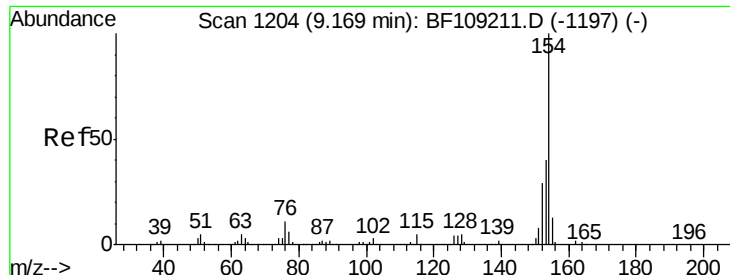
Sohil
 10/8/2018 12:21:16 PM



#44
 2-Fluorobiphenyl
 Concen: 76.450 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109613.D
 Acq: 5 Oct 2018 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	965794		
171	35.0	29.7	44.5	
170	23.8	19.6	29.4	





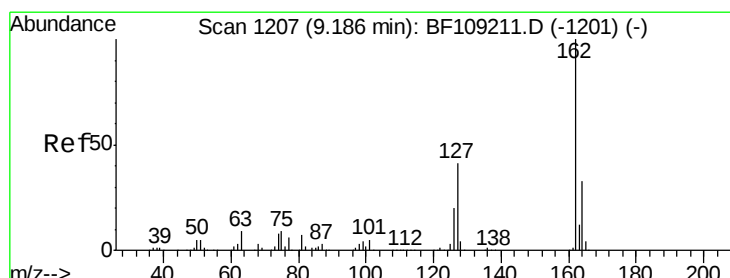
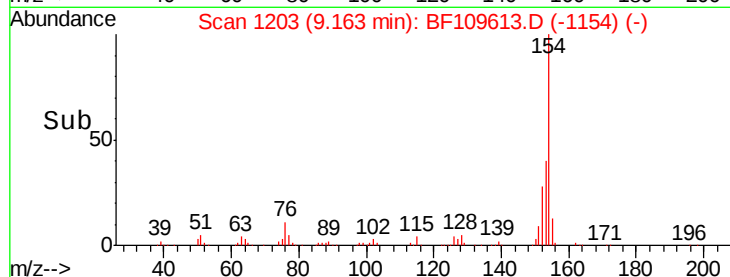
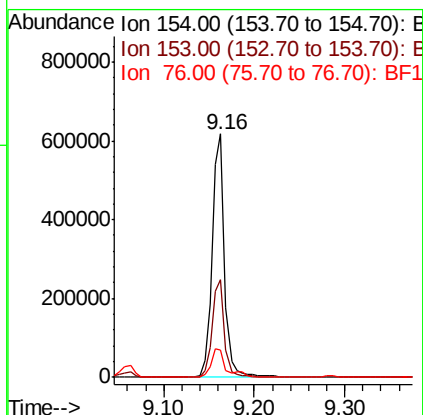
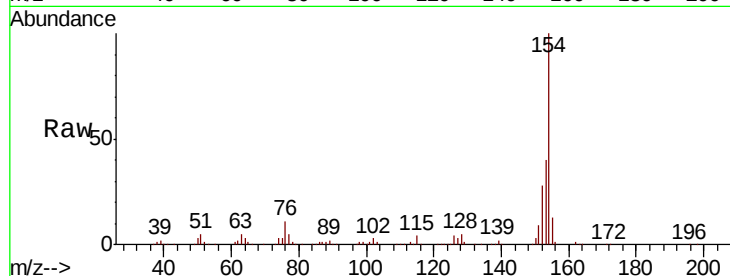
#45
 1,1'-Biphenyl
 Concen: 38.253 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF109613.D
 Acq: 5 Oct 2018 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-1001-S-DH-02MSD

Tot Ion:	154	Resp:	593815
Ion Ratio	Lower	Upper	
154	100		
153	40.2	21.3	61.3
76	11.1	0.0	34.0

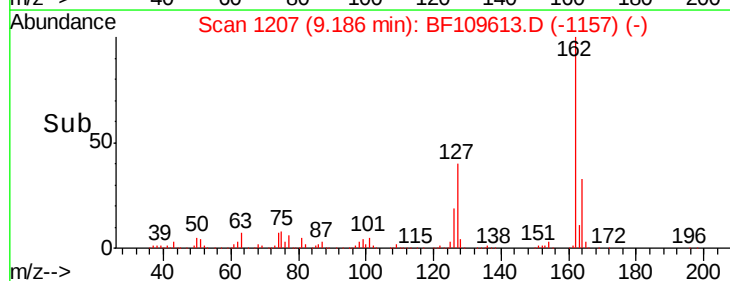
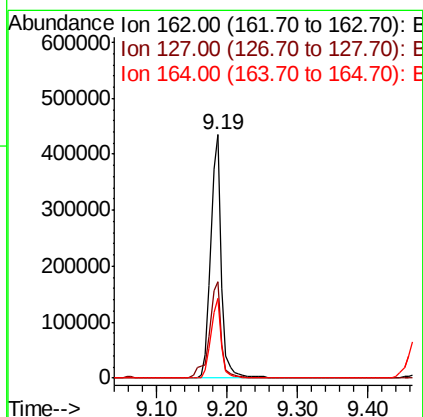
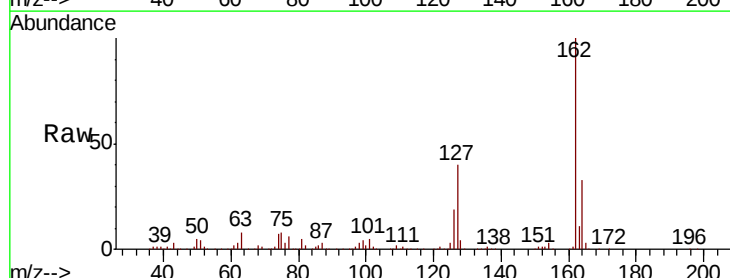
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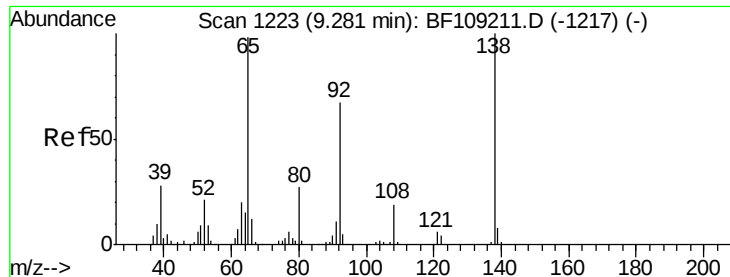
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#46
 2-Chloronaphthalene
 Concen: 36.782 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF109613.D
 Acq: 5 Oct 2018 15:35

Tgt Ion:	162	Resp:	456157
Ion Ratio	Lower	Upper	
162	100		
127	39.7	33.9	50.9
164	32.6	26.5	39.7





#47

2-Nitroaniline

Concen: 41.609 ng

RT: 9.29 min Scan# 1224

Delta R.T. 0.00 min

Lab File: BF109613.D

Acq: 5 Oct 2018 15:35

Instrument :

BNA_F

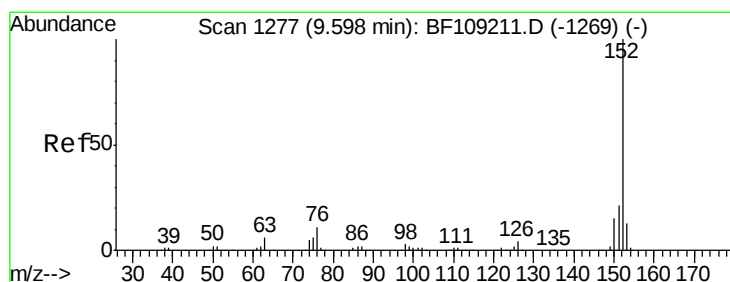
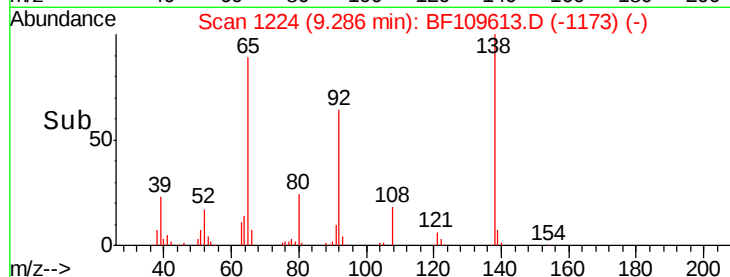
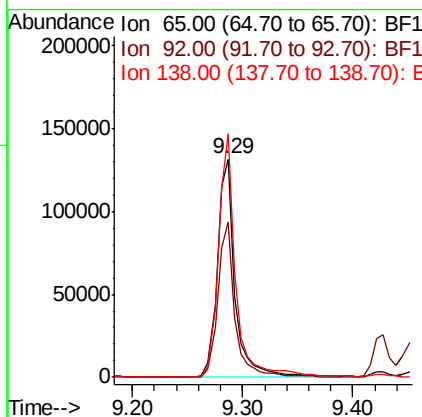
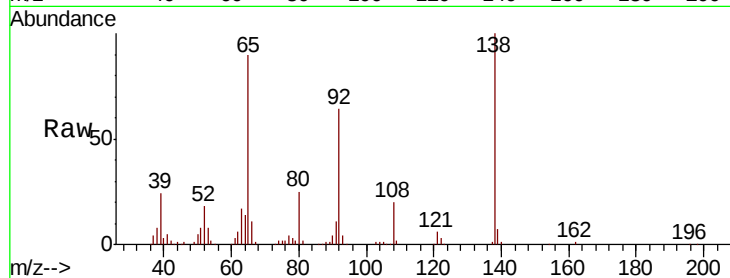
ClientSampleId :

SSSI-1001-S-DH-02MSD

Tot Ion:	65	Resp:	146298
Ion Ratio	Lower	Upper	
65	100		
92	70.9	55.8	83.6
138	111.7	91.2	136.8

Manual Integrations
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#48

Acenaphthylene

Concen: 39.073 ng

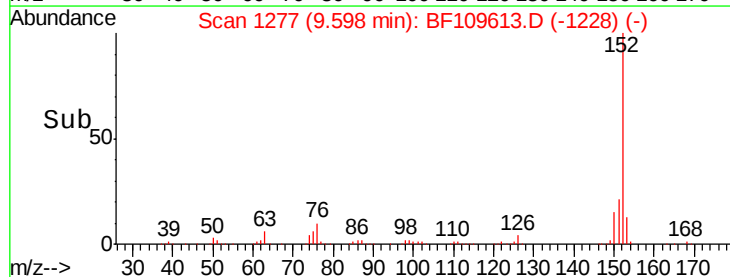
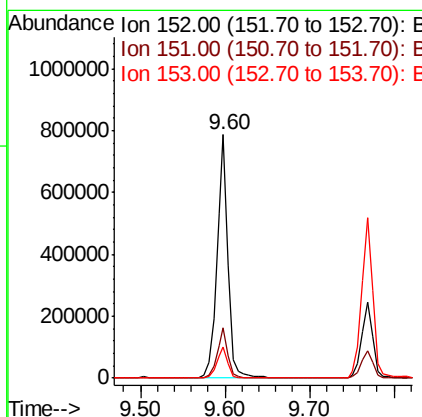
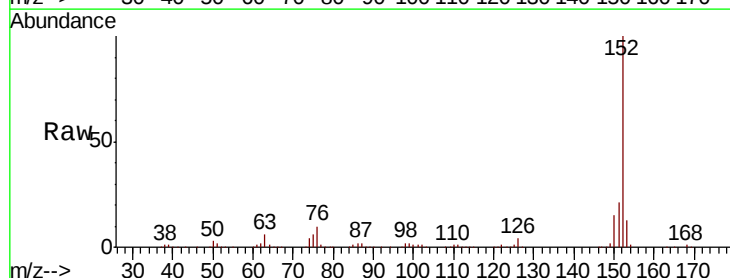
RT: 9.60 min Scan# 1277

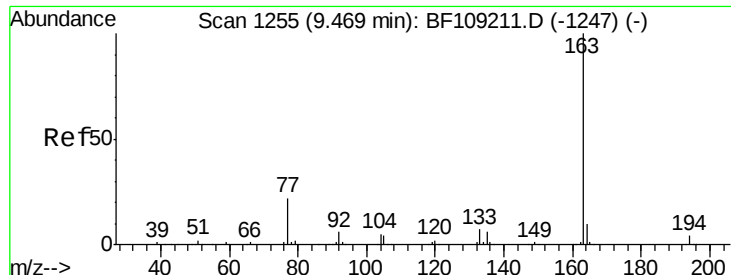
Delta R.T. -0.01 min

Lab File: BF109613.D

Acq: 5 Oct 2018 15:35

Tgt Ion:	152	Resp:	731012
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.3	24.5
153	13.0	10.7	16.1





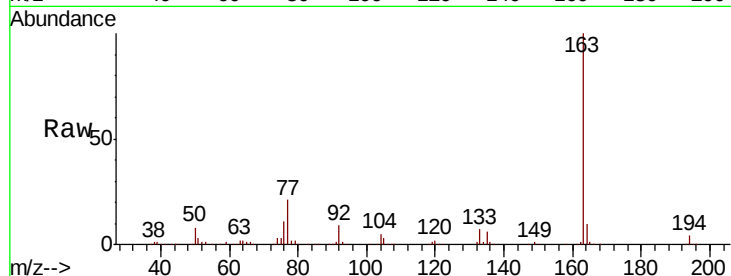
#49
Dimethylphthalate
Concen: 62.308 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF109613.D
Acq: 5 Oct 2018 15:35

Instrument :
BNA_F
ClientSampleId :
SSSI-1001-S-DH-02MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	863452		
194	4.0		2.7	4.1
164	10.1		8.2	12.2

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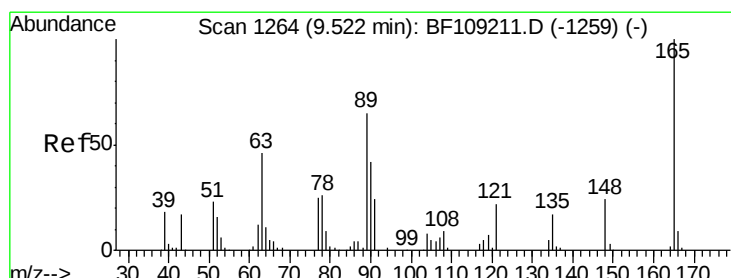
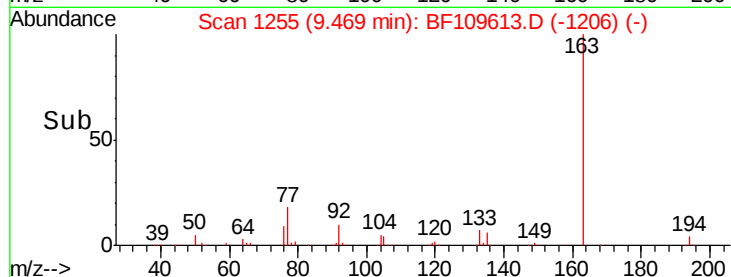
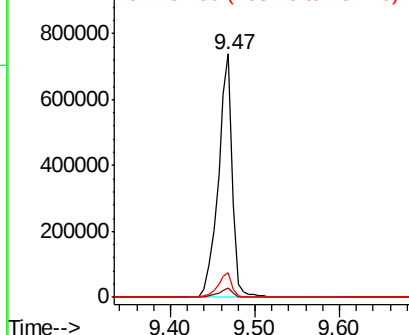


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 43.640 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF109613.D
Acq: 5 Oct 2018 15:35

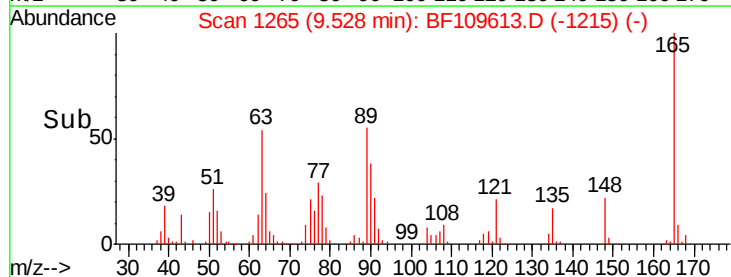
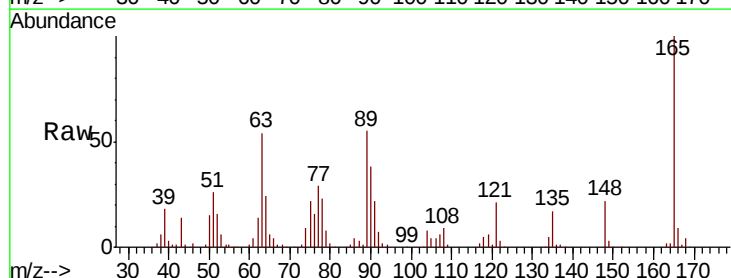
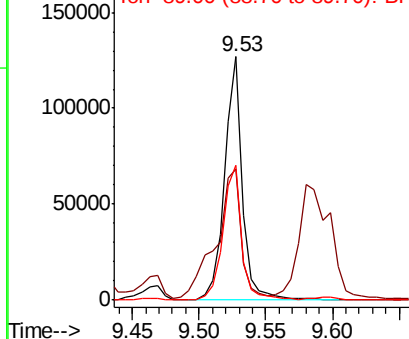
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	119773		
63	54.0		44.7	67.1
89	55.2		44.0	66.0

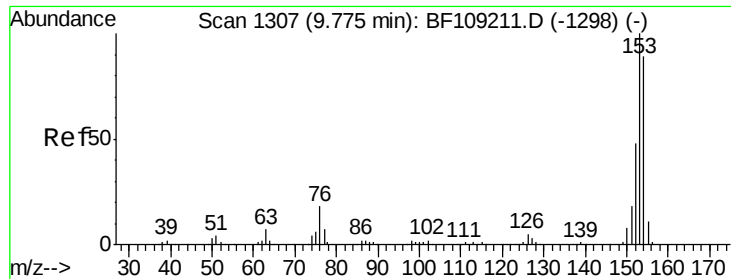
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 35.864 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF109613.D

Acq: 5 Oct 2018 15:35

Instrument :

BNA_F

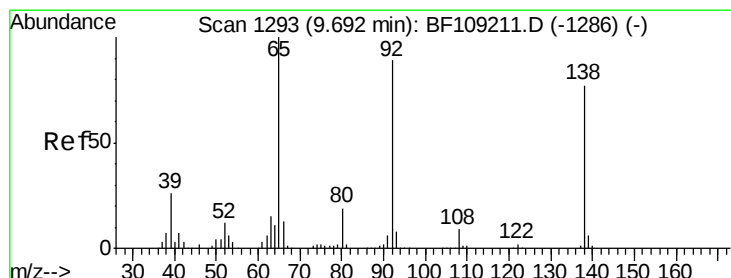
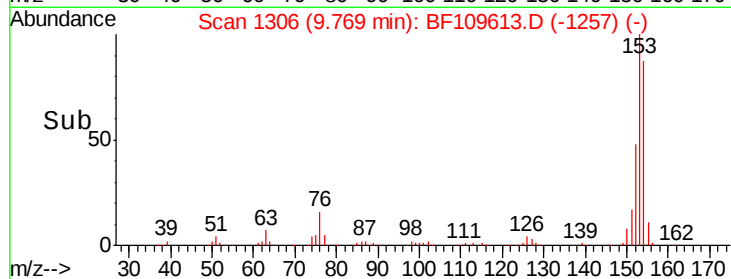
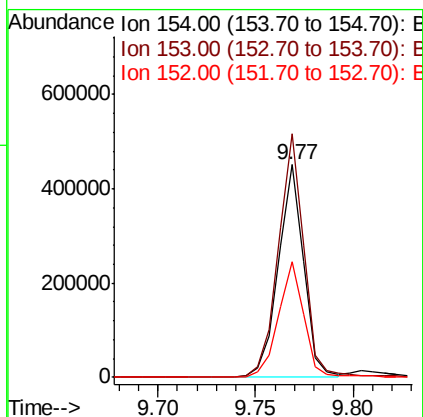
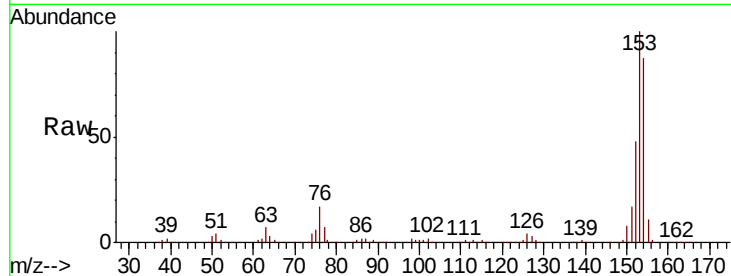
ClientSampleId :

SSSI-1001-S-DH-02MSD

Tot Ion:	154	Resp:	405666
Ion Ratio	Lower	Upper	
154	100		
153	114.5	91.2	136.8
152	54.7	43.8	65.8

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#52

3-Nitroaniline

Concen: 24.985 ng

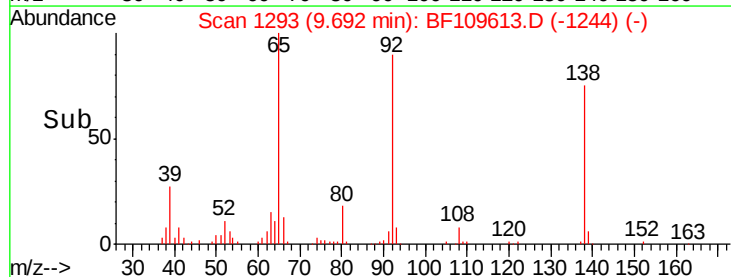
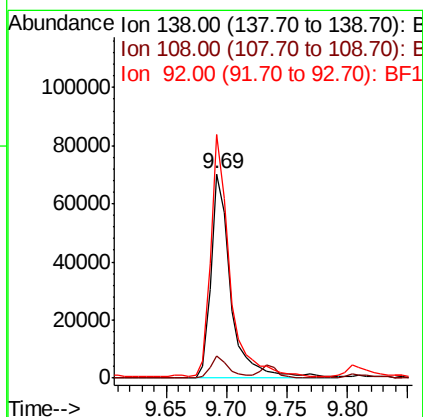
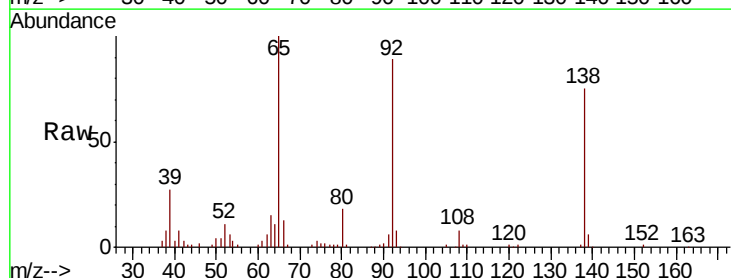
RT: 9.69 min Scan# 1293

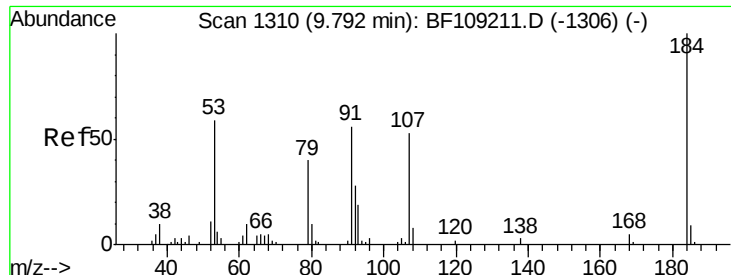
Delta R.T. -0.01 min

Lab File: BF109613.D

Acq: 5 Oct 2018 15:35

Tgt Ion:	138	Resp:	79413
Ion Ratio	Lower	Upper	
138	100		
108	10.9	9.4	14.0
92	119.2	89.4	134.2





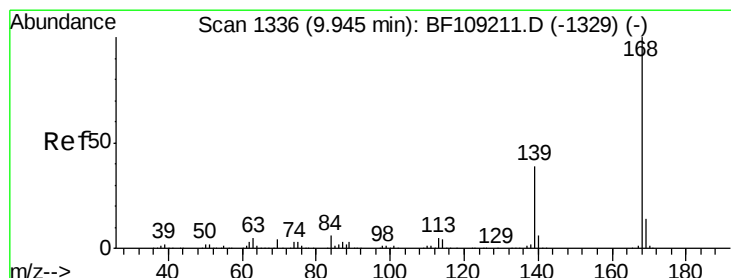
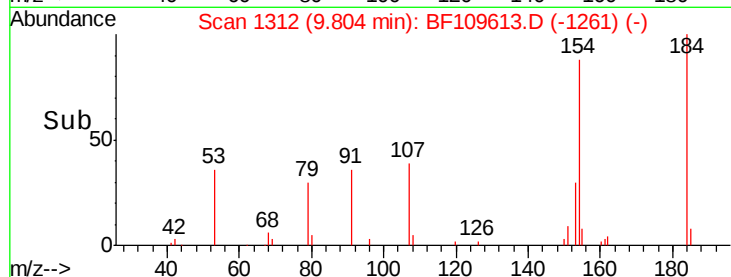
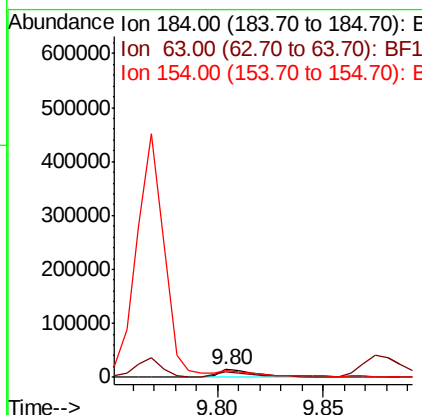
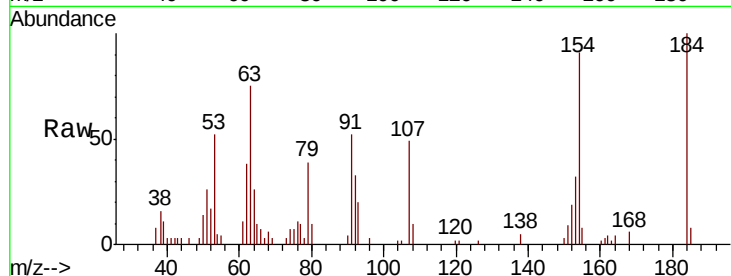
#53
2,4-Dinitrophenol
Concen: 27.483 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF109613.D
Acq: 5 Oct 2018 15:35

Instrument :
BNA_F
ClientSampleId :
SSSI-1001-S-DH-02MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	75.2	54.2	81.2
154	90.8	184.0	276.0#

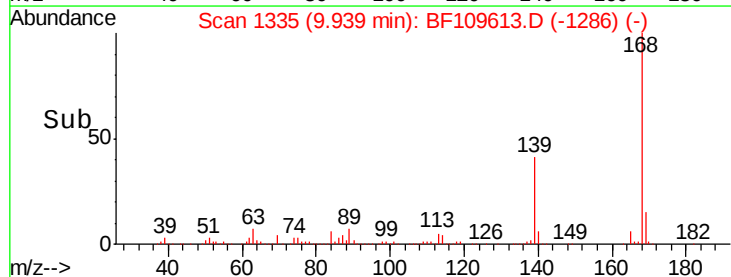
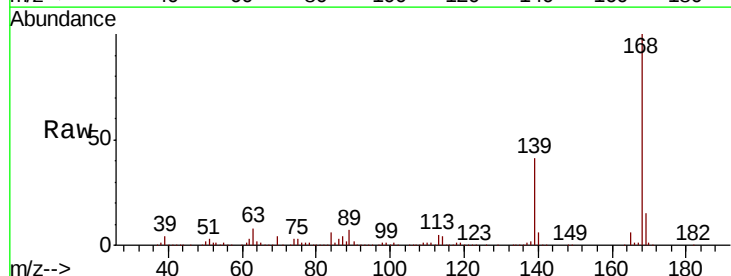
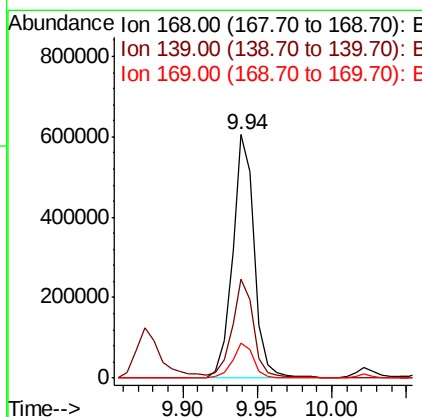
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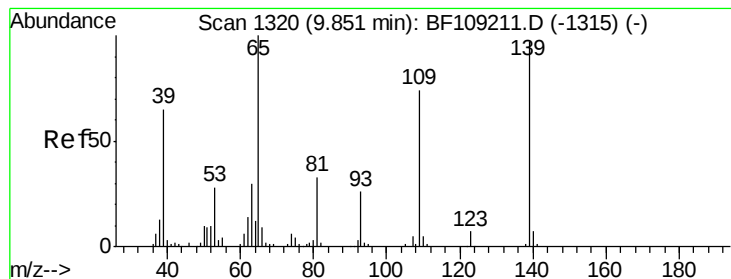
Sohil
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#54
Dibenzofuran
Concen: 36.850 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF109613.D
Acq: 5 Oct 2018 15:35

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.5	30.1	45.1
169	14.5	10.9	16.3





#55

4-Nitrophenol

Concen: 60.360 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF109613.D

Acq: 5 Oct 2018 15:35

Instrument :

BNA_F

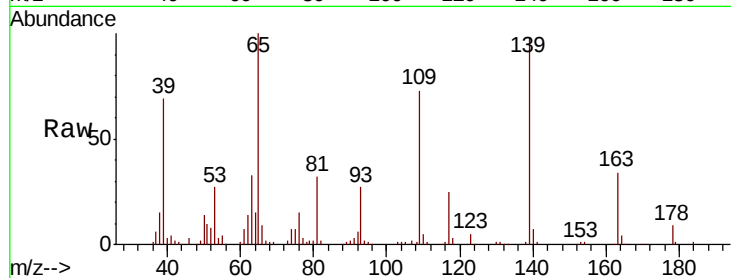
ClientSampleId :

SSSI-1001-S-DH-02MSD

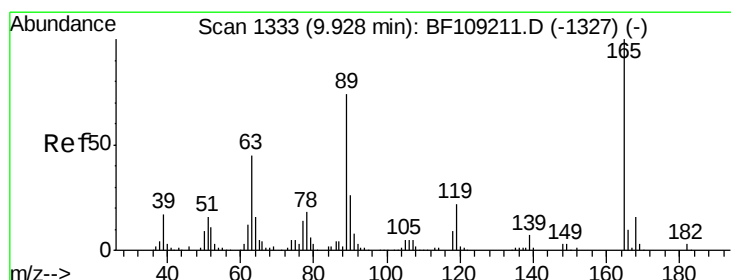
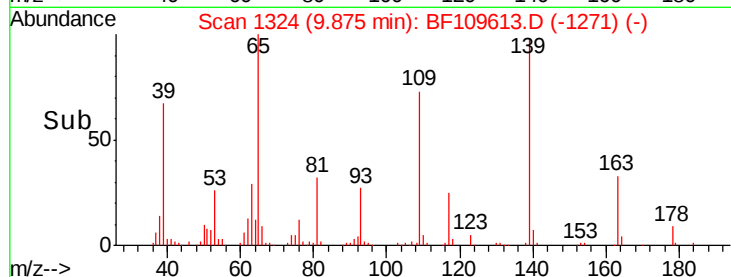
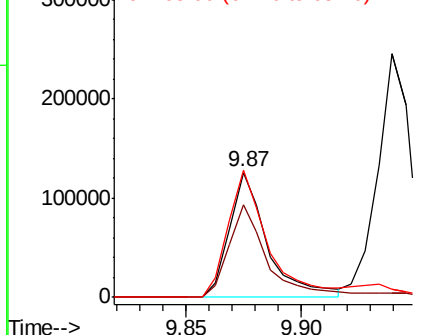
Tot Ion:	139	Resp:	144524
Ion Ratio	Lower	Upper	
139	100		
109	74.2	48.4	88.4
65	102.0	72.6	112.6

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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 43.821 ng

RT: 9.93 min Scan# 1333

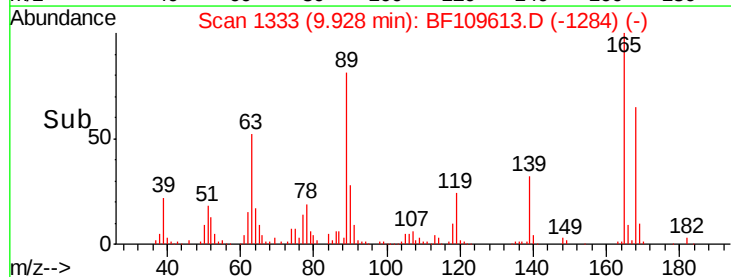
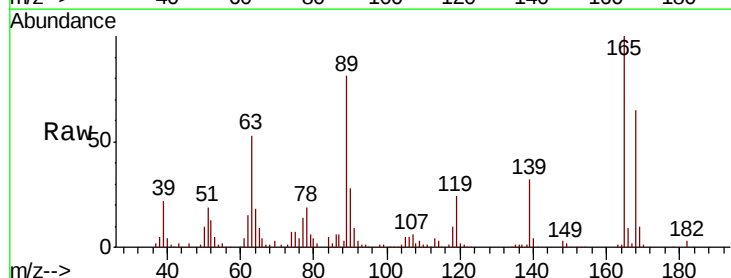
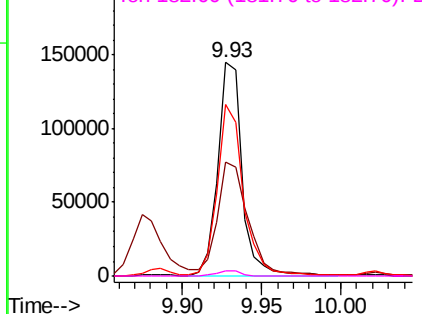
Delta R.T. -0.01 min

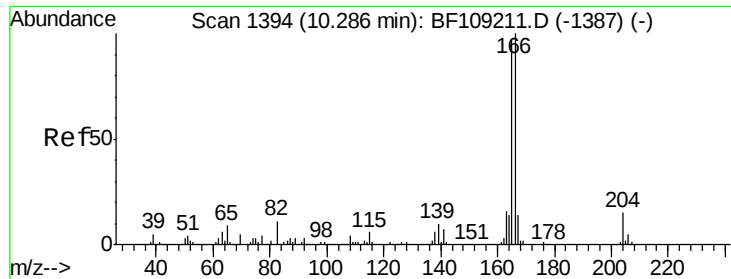
Lab File: BF109613.D

Acq: 5 Oct 2018 15:35

Tgt Ion:	165	Resp:	152175
Ion Ratio	Lower	Upper	
165	100		
63	53.1	36.4	54.6
89	80.5	57.8	86.6
182	2.6	1.6	2.4#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.121 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF109613.D

Acq: 5 Oct 2018 15:35

Instrument :

BNA_F

ClientSampleId :

SSSI-1001-S-DH-02MSD

Tot Ion:166 Resp: 481545

Ion Ratio Lower Upper

166 100

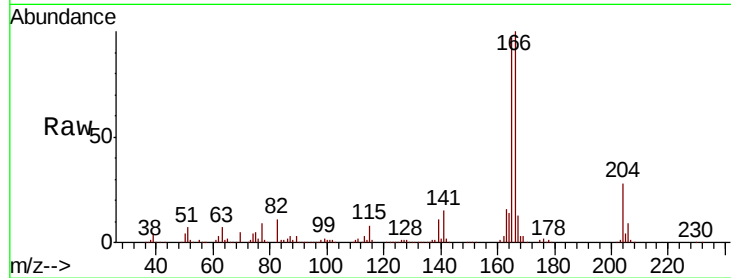
165 97.0 79.8 119.8

167 13.2 10.6 16.0

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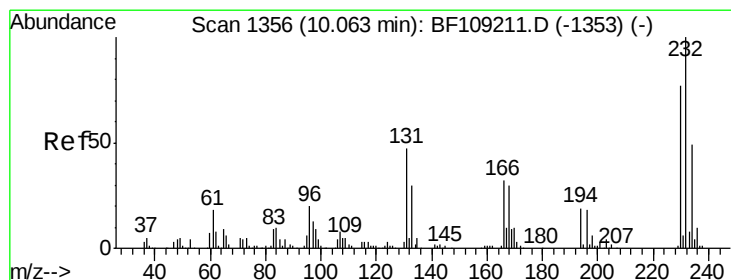
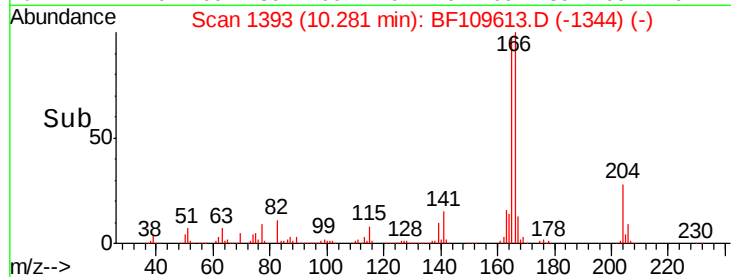
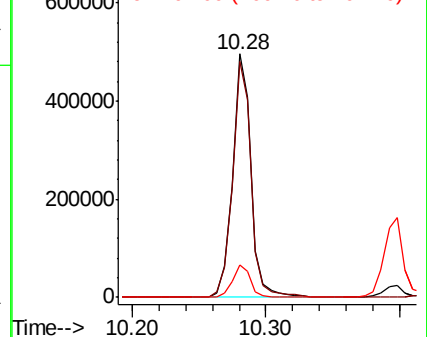


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.913 ng

RT: 10.06 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF109613.D

Acq: 5 Oct 2018 15:35

Tgt Ion:232 Resp: 126636

Ion Ratio Lower Upper

232 100

131 45.8 43.8 65.8

130 1.9 2.1 3.1#

166 29.1 27.8 41.6

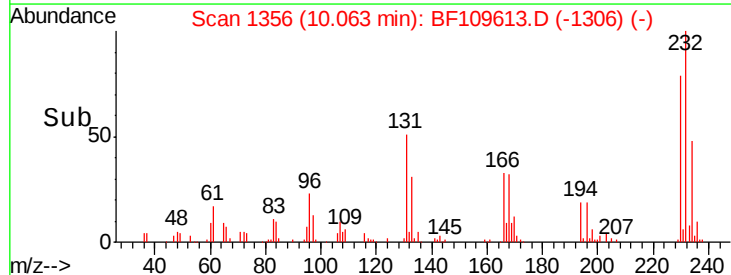
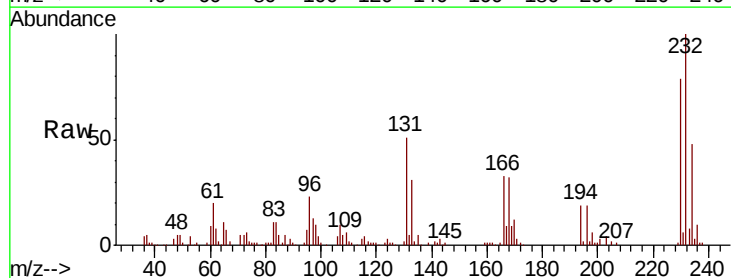
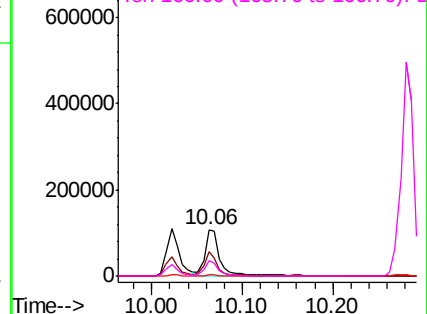
Abundance

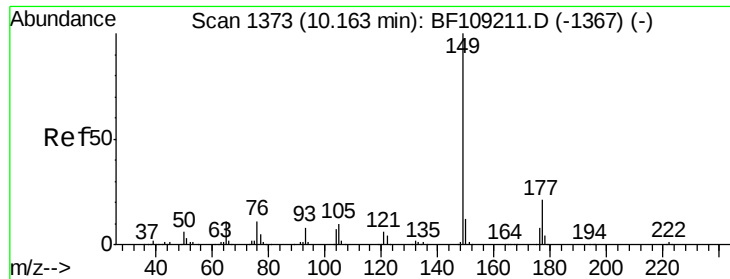
Ion 232.00 (231.70 to 232.70): E

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





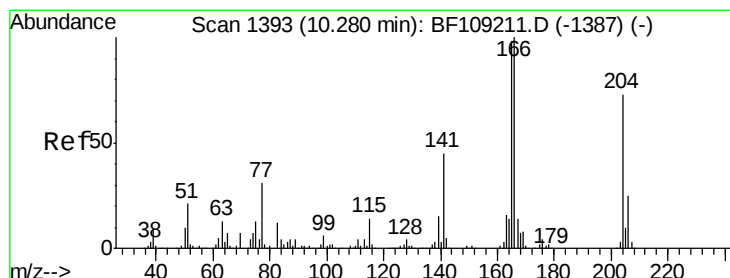
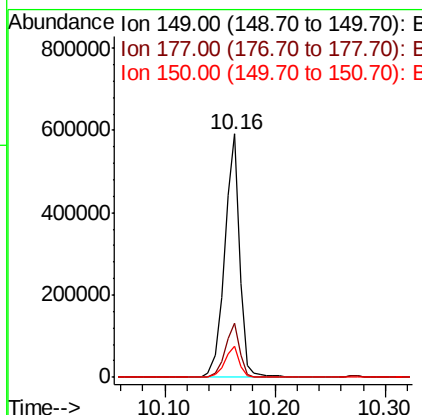
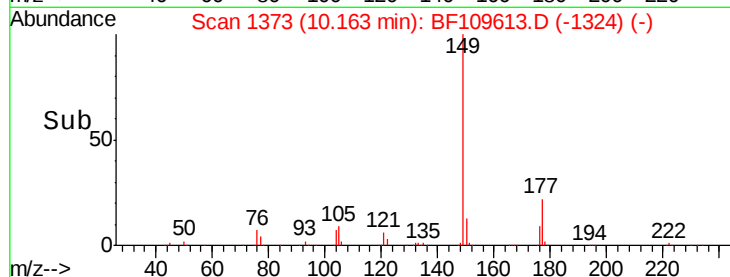
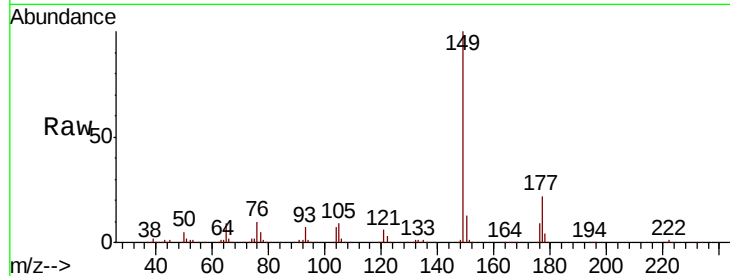
#59
Diethylphthalate
Concen: 40.017 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF109613.D
Acq: 5 Oct 2018 15:35

Instrument :
BNA_F
ClientSampleId :
SSSI-1001-S-DH-02MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.0	16.1	24.1
150	12.6	10.1	15.1

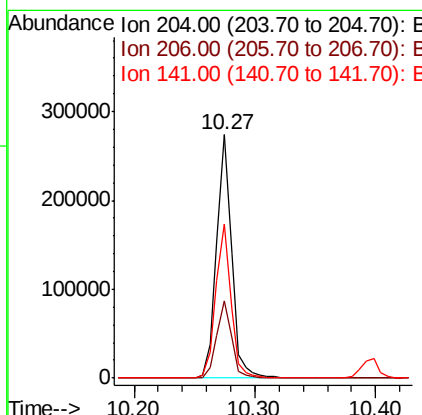
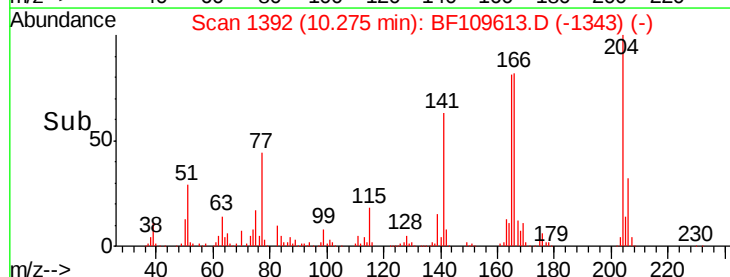
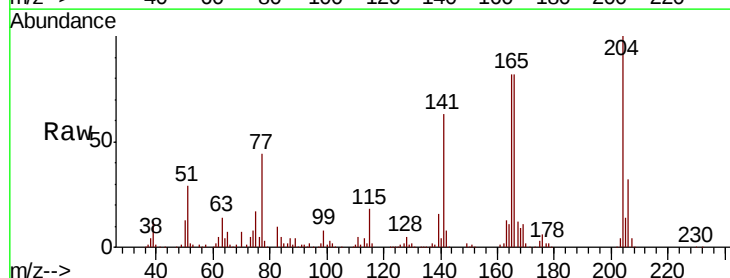
Manual Integrations
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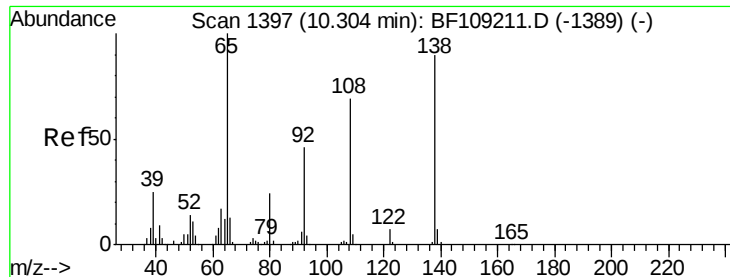
Sohil
10/8/2018 12:21:16 PM



#60
4-Chlorophenyl-phenylether
Concen: 37.278 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF109613.D
Acq: 5 Oct 2018 15:35

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.5	39.7
141	63.0	54.6	81.8





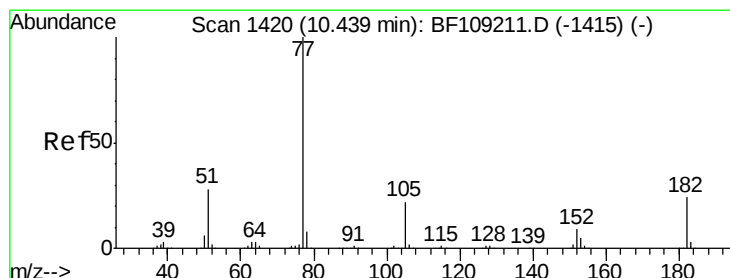
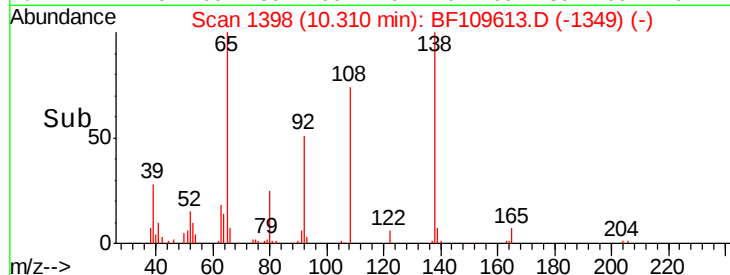
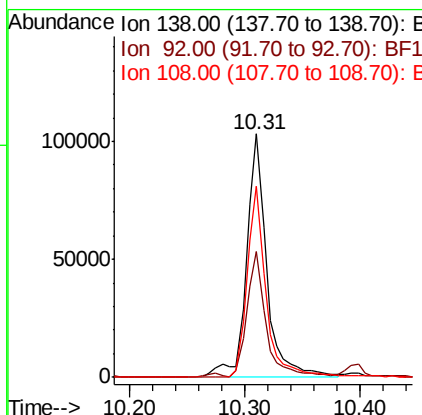
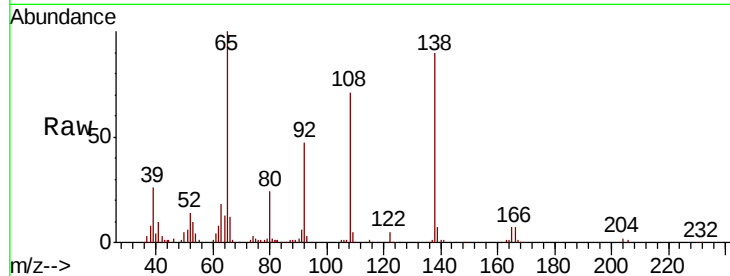
#61
4-Nitroaniline
Concen: 40.674 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF109613.D
Acq: 5 Oct 2018 15:35

Instrument :
BNA_F
ClientSampleId :
SSSI-1001-S-DH-02MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.8	30.2	70.2
108	78.7	52.5	92.5

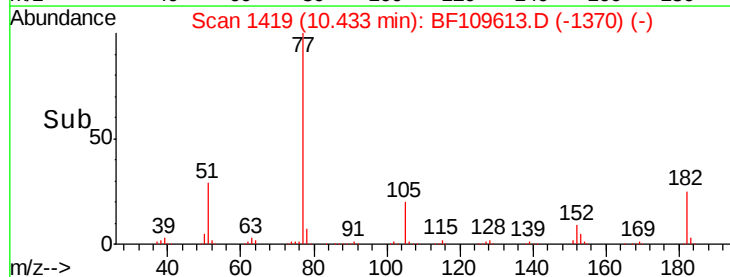
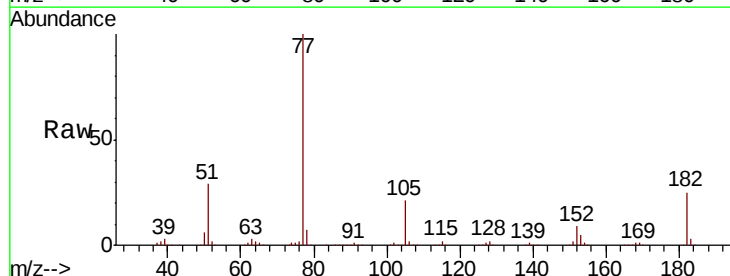
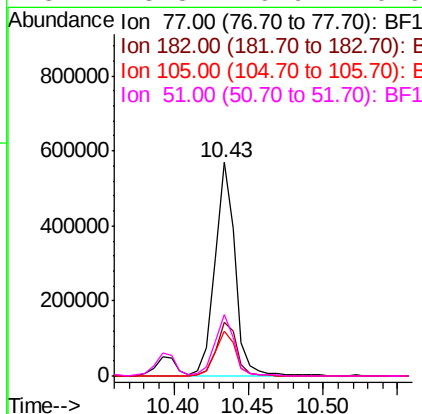
Manual Integrations
APPROVED

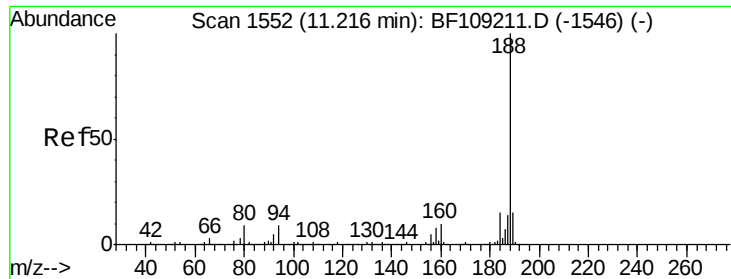
Sohil
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#62
Azobenzene
Concen: 36.323 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF109613.D
Acq: 5 Oct 2018 15:35

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.0	1.7	41.7
105	21.2	3.0	43.0
51	28.8	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BF109613.D

Acq: 5 Oct 2018 15:35

Instrument :

BNA_F

ClientSampleId :

SSSI-1001-S-DH-02MSD

Tot Ion:188 Resp: 358682

Ion Ratio Lower Upper

188 100

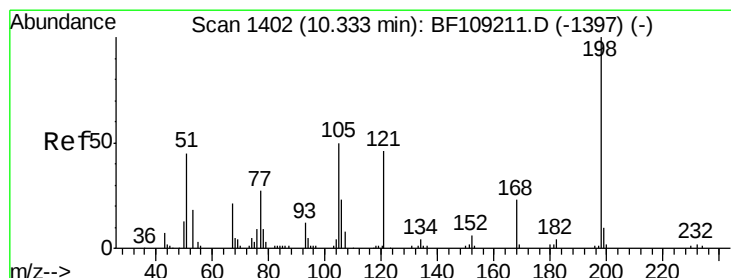
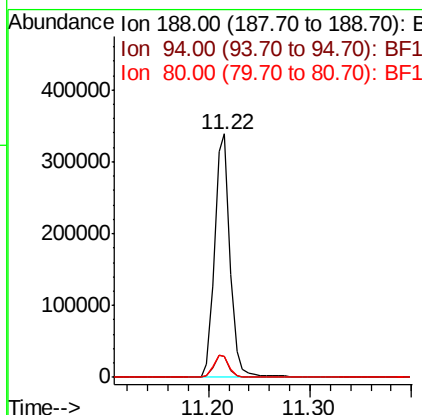
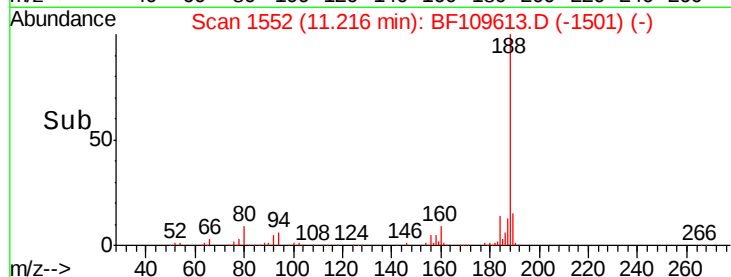
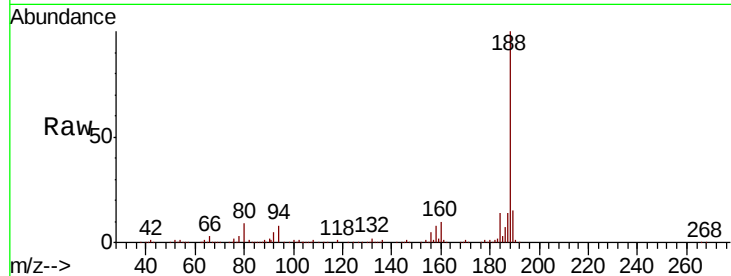
94 8.4 8.5 12.7#

80 8.8 9.2 13.8#

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 25.604 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BF109613.D

Acq: 5 Oct 2018 15:35

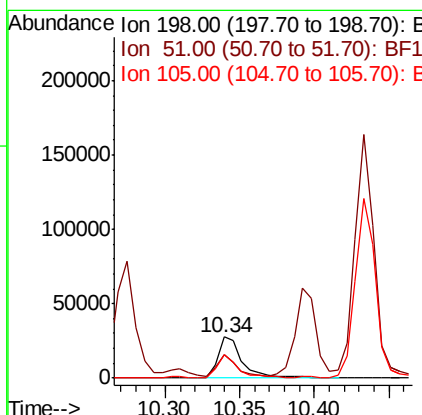
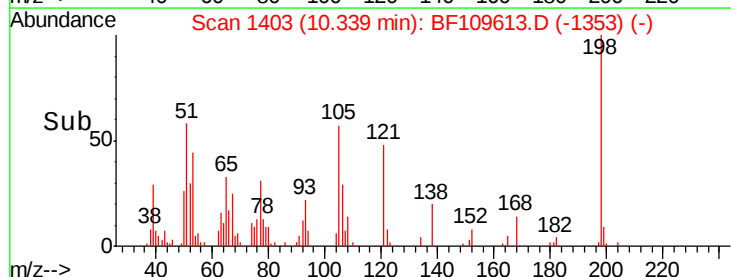
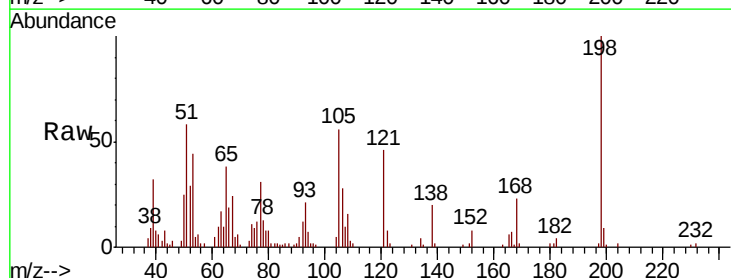
Tgt Ion:198 Resp: 31704

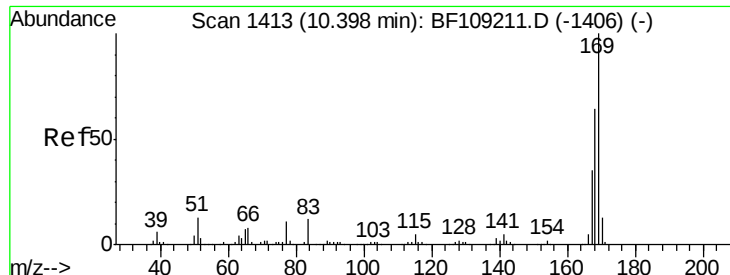
Ion Ratio Lower Upper

198 100

51 57.7 37.7 77.7

105 55.7 36.3 76.3





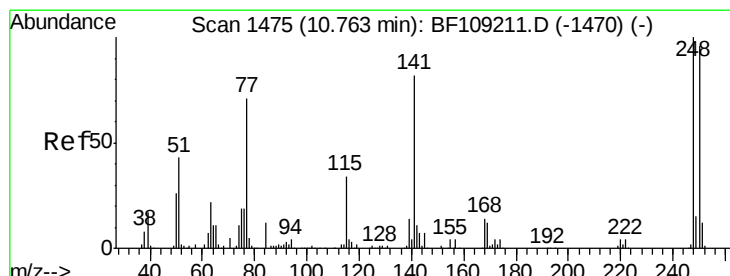
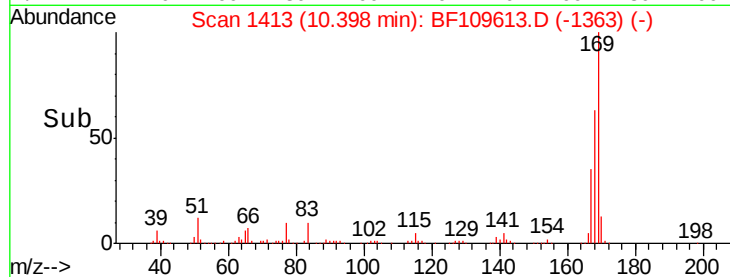
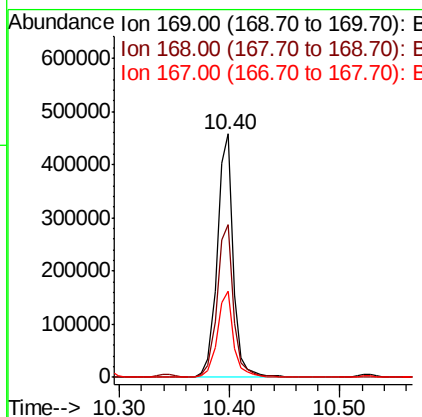
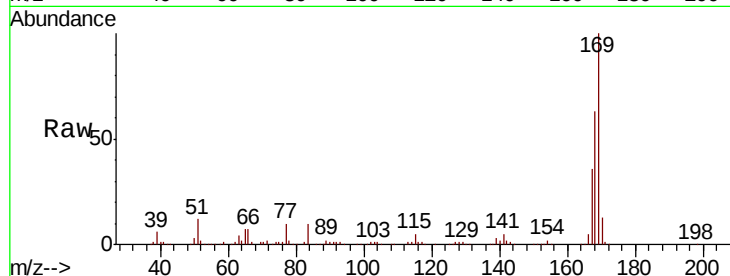
#65
 n-Nitrosodiphenylamine
 Concen: 38.922 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF109613.D
 Acq: 5 Oct 2018 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-1001-S-DH-02MSD

Tot Ion:	169	Resp:	461252
Ion Ratio	Lower	Upper	
169	100		
168	62.8	54.4	81.6
167	35.5	29.8	44.6

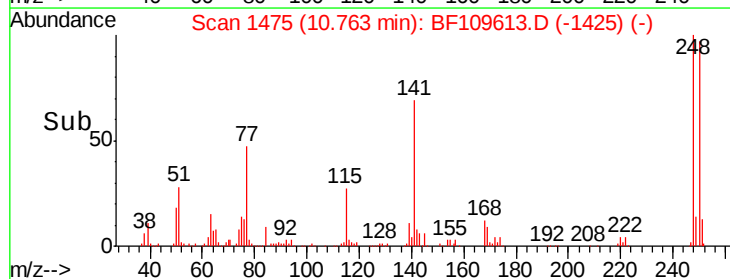
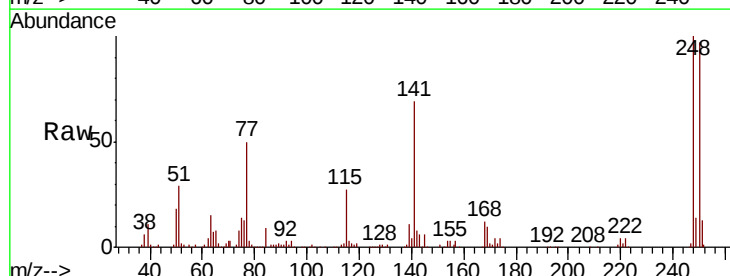
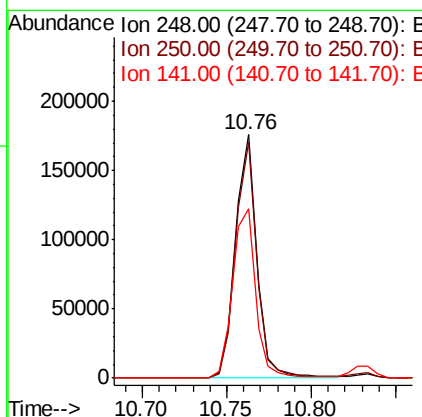
Manual Integrations
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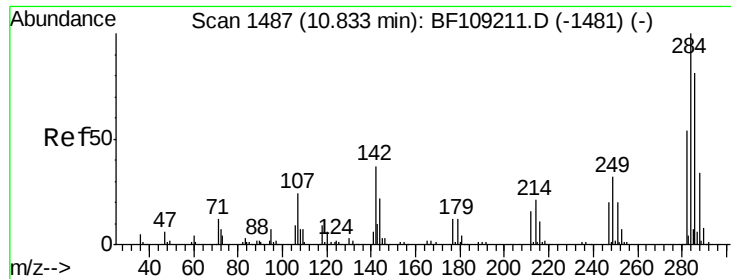
Sohil
 10/8/2018 12:21:16 PM



#66
 4-Bromophenyl-phenylether
 Concen: 39.108 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF109613.D
 Acq: 5 Oct 2018 15:35

Tgt Ion:	248	Resp:	155767
Ion Ratio	Lower	Upper	
248	100		
250	96.7	76.9	115.3
141	69.3	74.4	111.6#





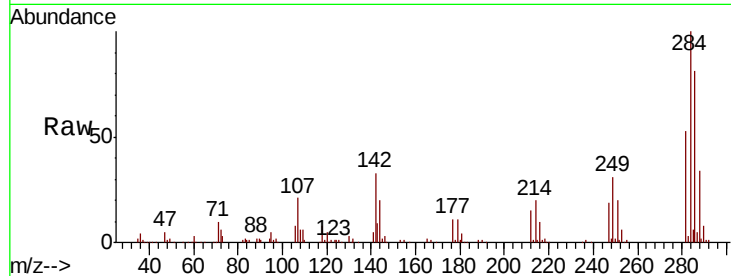
#67
Hexachlorobenzene
Concen: 37.330 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF109613.D
Acq: 5 Oct 2018 15:35

Instrument :
BNA_F
ClientSampleId :
SSSI-1001-S-DH-02MSD

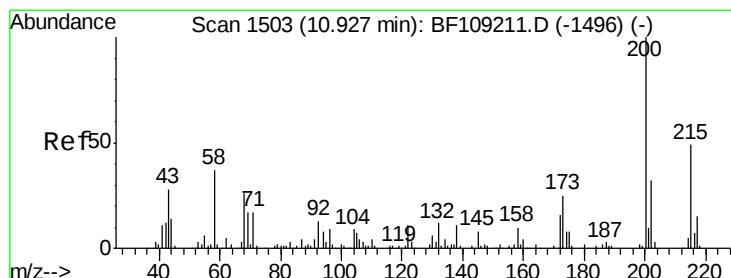
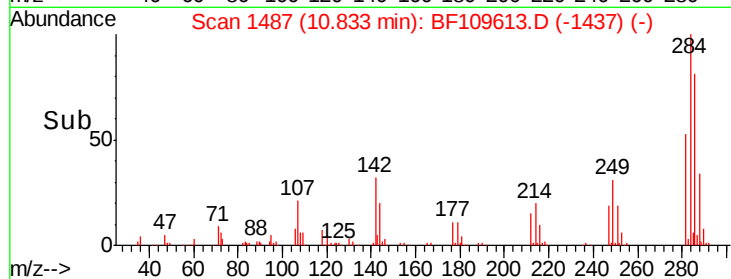
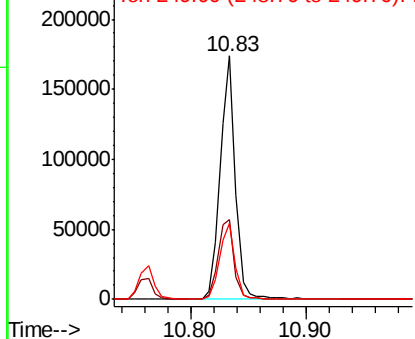
Tot Ion	Ratio	Resp	Lower	Upper
284	100	157915		
142	32.9	34.6	52.0#	
249	31.2	24.8	37.2	

Manual Integrations
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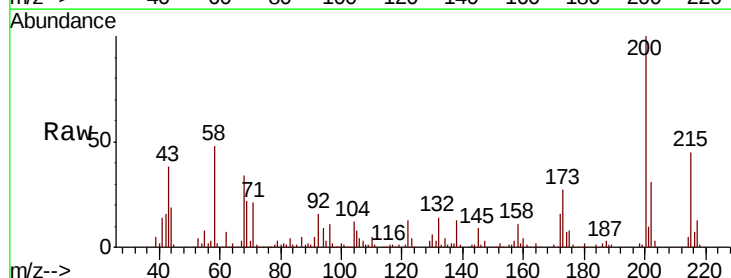


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

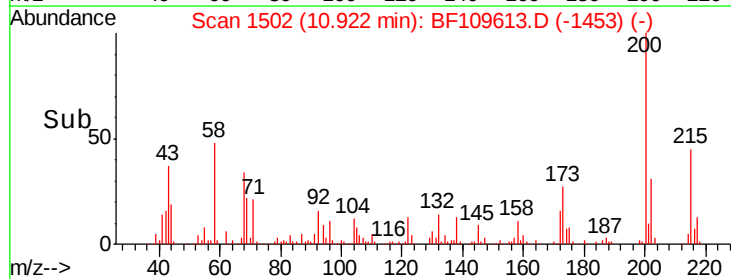
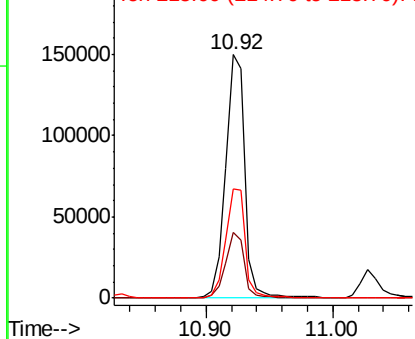


#68
Atrazine
Concen: 43.109 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF109613.D
Acq: 5 Oct 2018 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	157118		
173	26.9	8.6	48.6	
215	44.9	25.1	65.1	



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





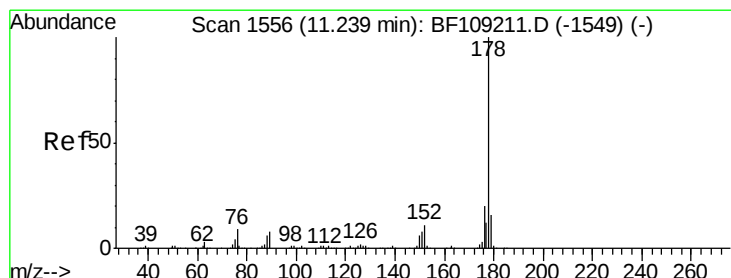
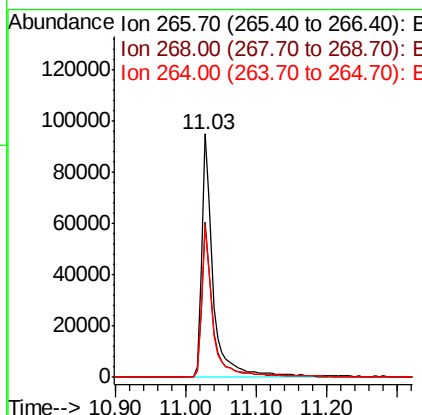
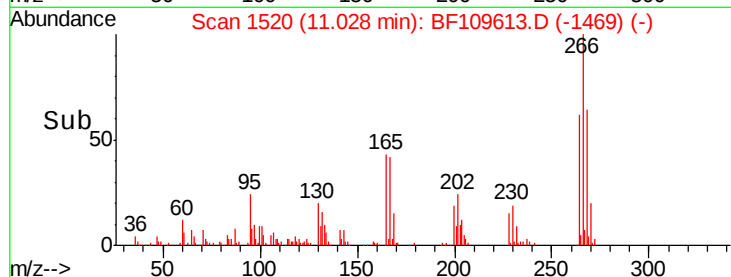
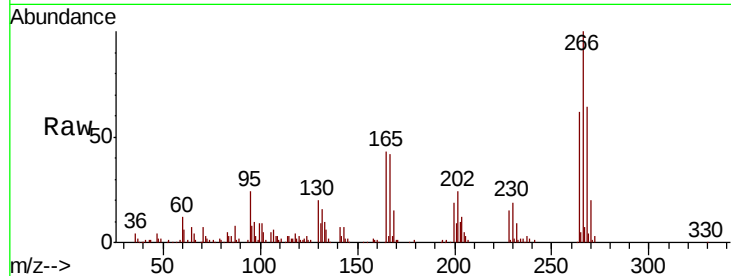
#69
 Pentachlorophenol
 Concen: 43.712 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF109613.D
 Acq: 5 Oct 2018 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-1001-S-DH-02MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	64.0	51.1	76.7	
264	61.9	49.5	74.3	

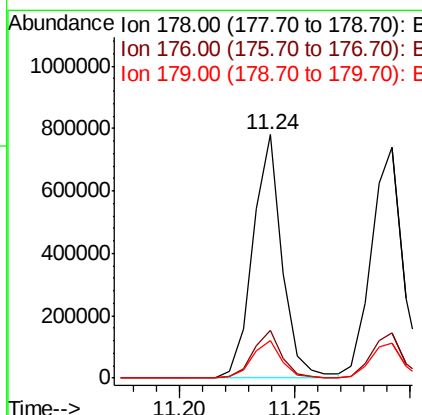
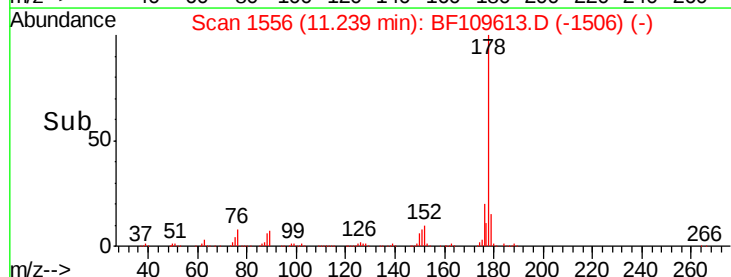
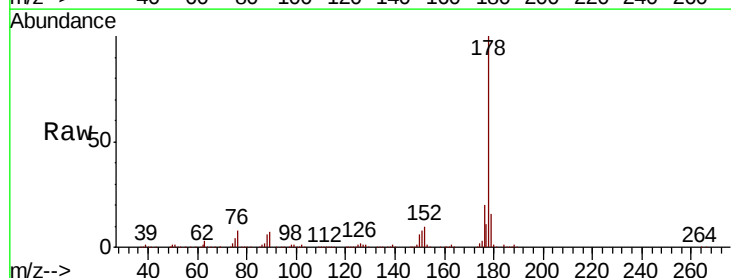
Manual Integrations
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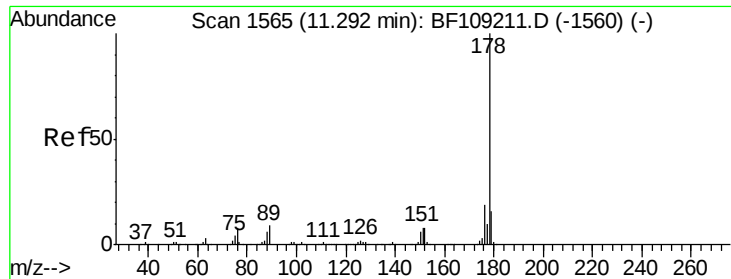
Sohil
 10/8/2018 12:21:16 PM



#70
 Phenanthrene
 Concen: 38.647 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF109613.D
 Acq: 5 Oct 2018 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.7	15.8	23.8	
179	15.6	13.0	19.6	





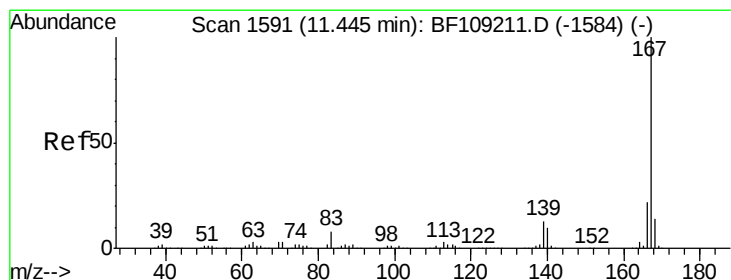
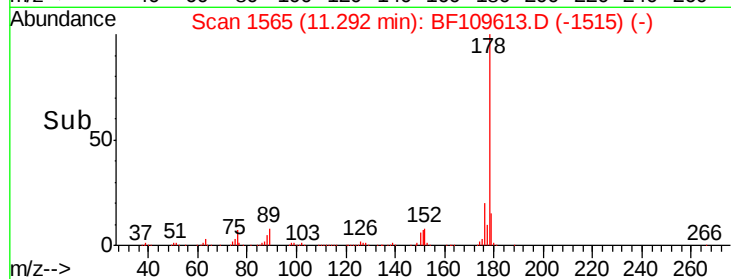
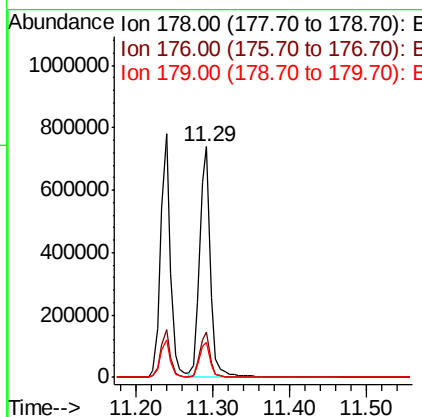
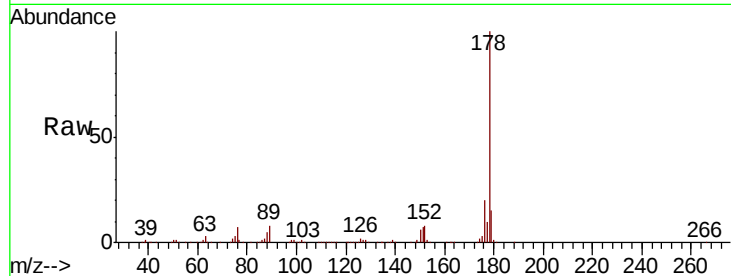
#71
 Anthracene
 Concen: 39.924 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF109613.D
 Acq: 5 Oct 2018 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-1001-S-DH-02MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.4	12.6	19.0

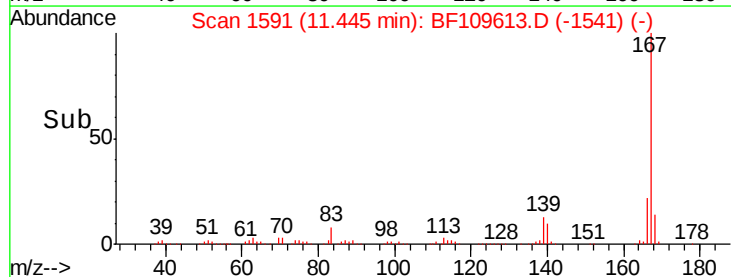
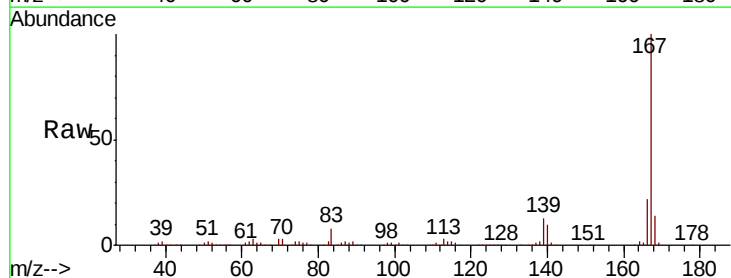
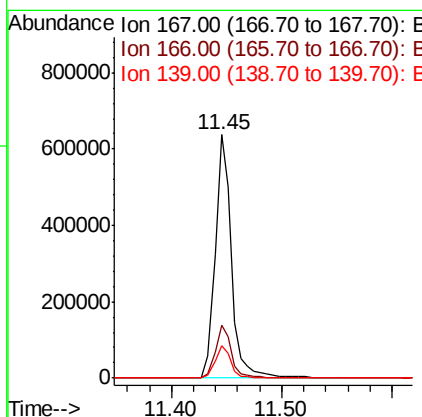
Manual Integrations
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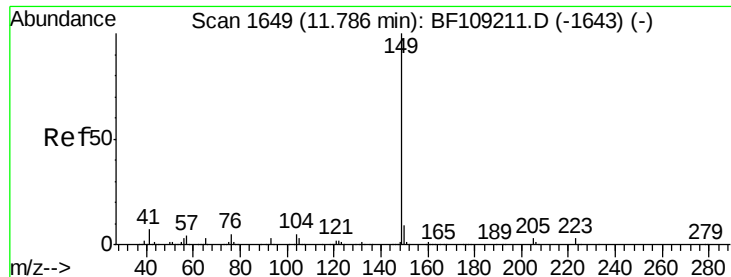
Sohil
 10/8/2018 12:21:16 PM



#72
 Carbazole
 Concen: 35.667 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF109613.D
 Acq: 5 Oct 2018 15:35

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	13.4	10.9	16.3





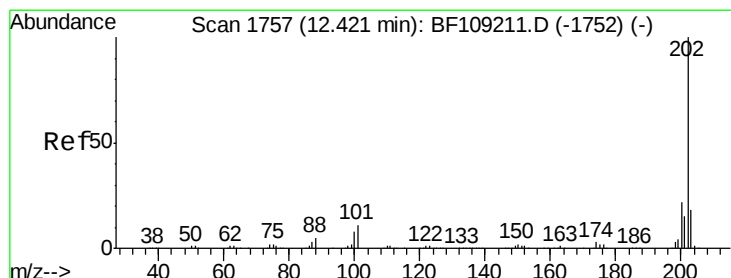
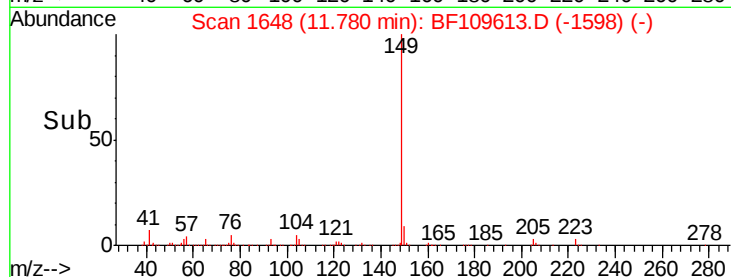
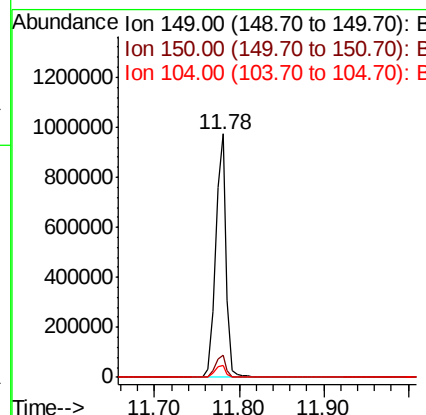
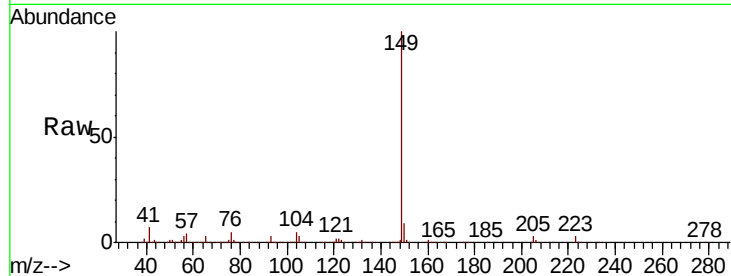
#73
Di-n-butylphthalate
Concen: 40.984 ng
RT: 11.78 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BF109613.D
Acq: 5 Oct 2018 15:35

Instrument :
BNA_F
ClientSampleId :
SSSI-1001-S-DH-02MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	5.1	3.8	5.8

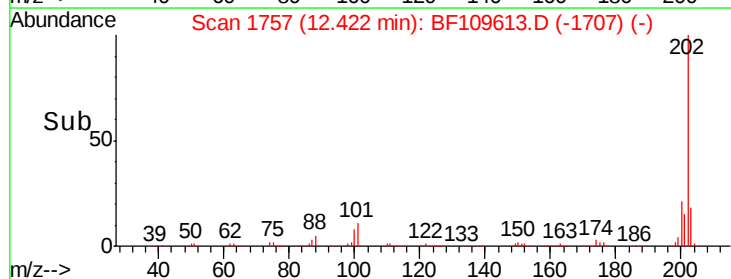
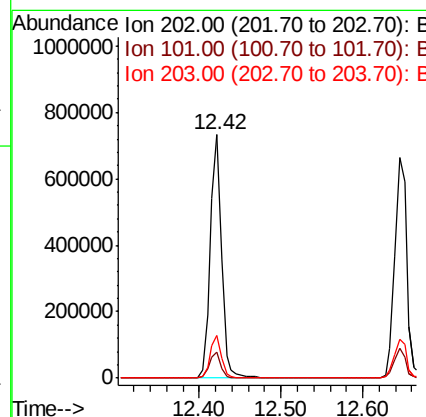
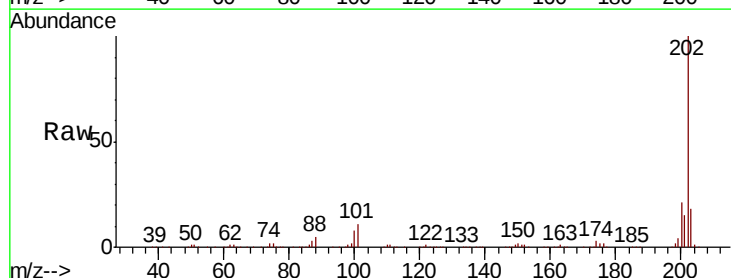
Manual Integrations
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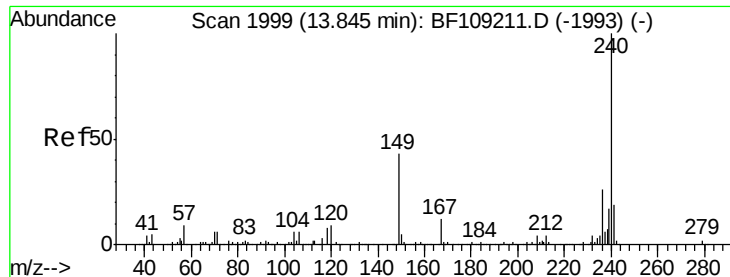
Sohil
10/8/2018 12:21:16 PM



#74
Fluoranthene
Concen: 36.888 ng
RT: 12.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF109613.D
Acq: 5 Oct 2018 15:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	34.1
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF109613.D

Acq: 5 Oct 2018 15:35

Instrument :

BNA_F

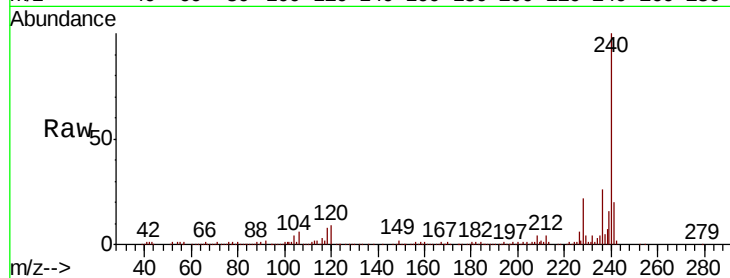
ClientSampleId :

SSSI-1001-S-DH-02MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.5	14.3#
236	26.2	20.7	31.1

Manual Integrations
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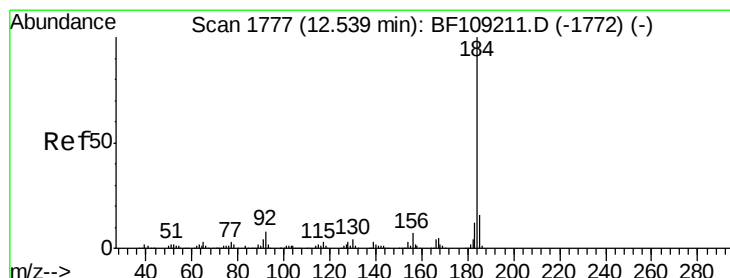
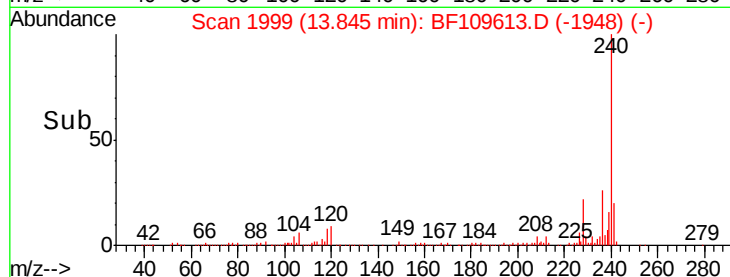
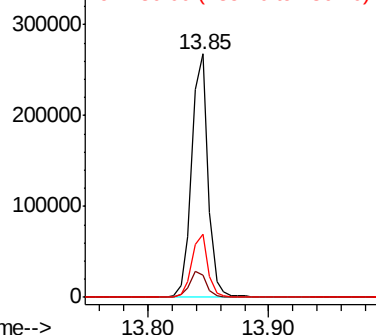


Abundance

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: 17.559 ng

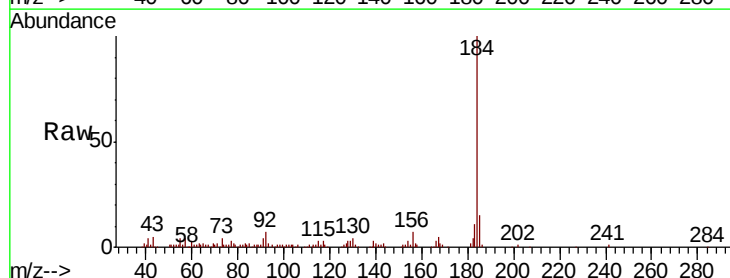
RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF109613.D

Acq: 5 Oct 2018 15:35

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.6	18.8
183	11.4	9.3	13.9

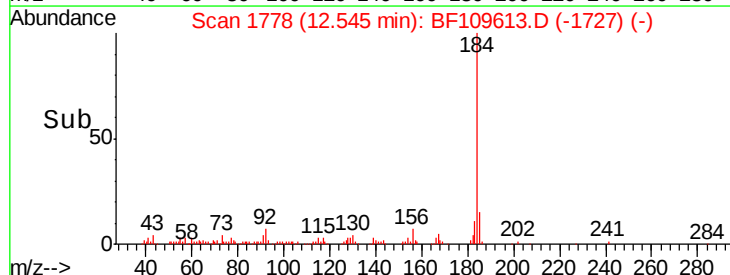
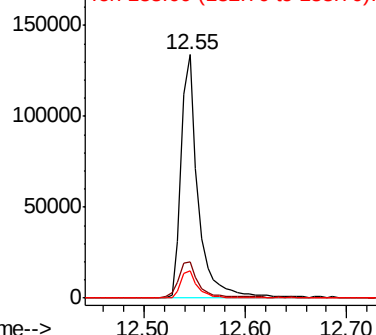


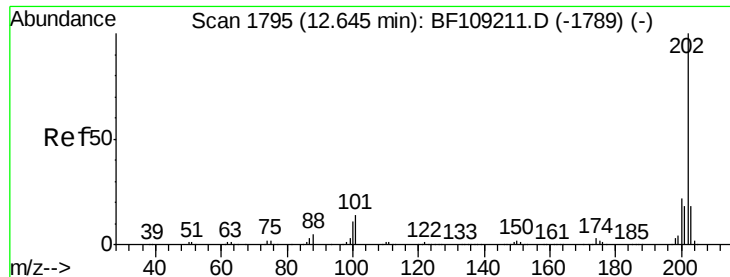
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





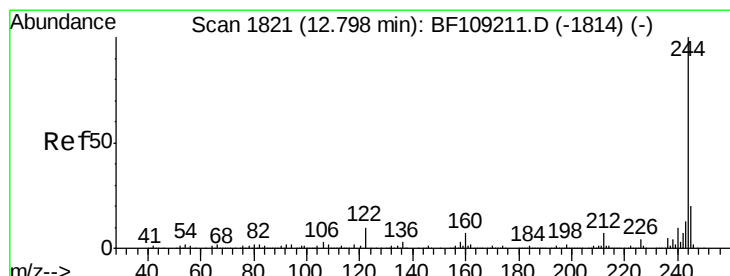
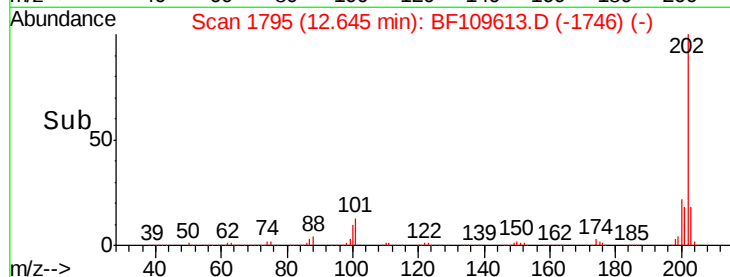
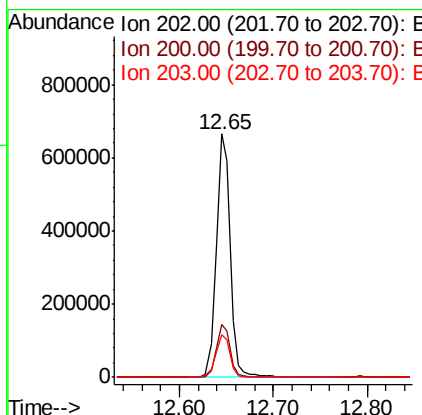
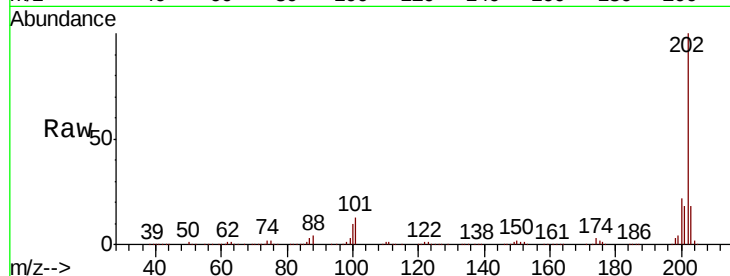
#77
Pvrene
Concen: 39.064 ng
RT: 12.65 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF109613.D
Acq: 5 Oct 2018 15:35

Instrument :
BNA_F
ClientSampleId :
SSSI-1001-S-DH-02MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.8	14.3	21.5

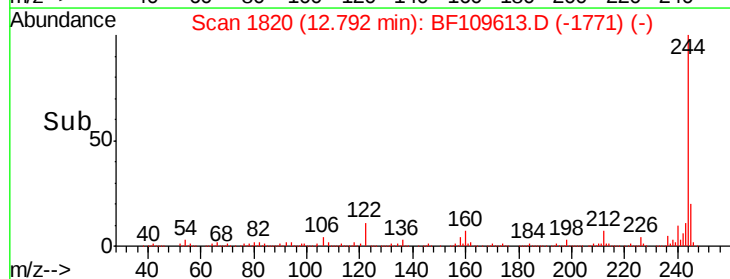
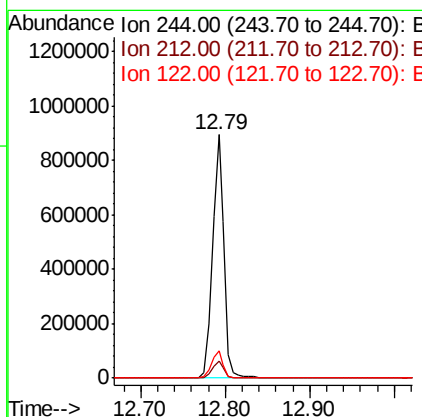
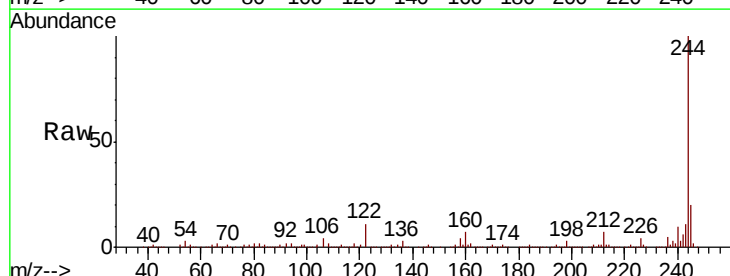
Manual Integrations
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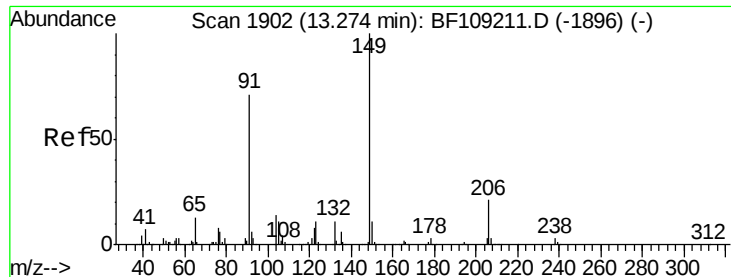
Sohil
10/8/2018 12:21:16 PM



#78
Terphenyl-d14
Concen: 85.060 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF109613.D
Acq: 5 Oct 2018 15:35

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.3	11.0	16.4





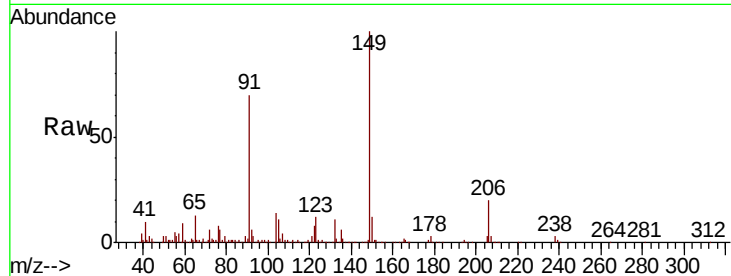
#79
Butylbenzylphthalate
Concen: 43.157 ng
RT: 13.27 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BF109613.D
Acq: 5 Oct 2018 15:35

Instrument :
BNA_F
ClientSampleId :
SSSI-1001-S-DH-02MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.4	56.8	85.2
206	20.2	14.1	21.1

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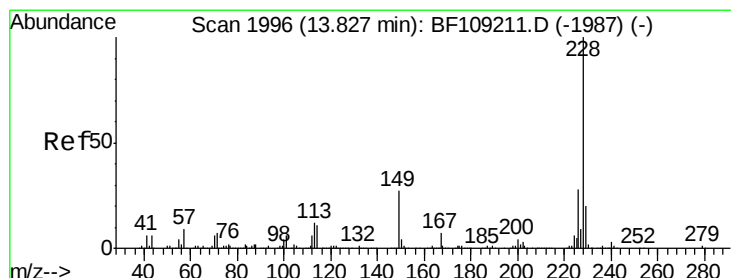
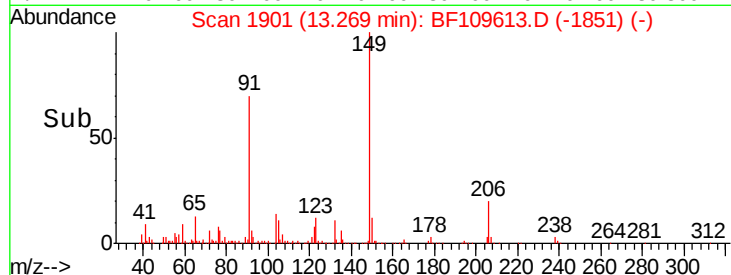
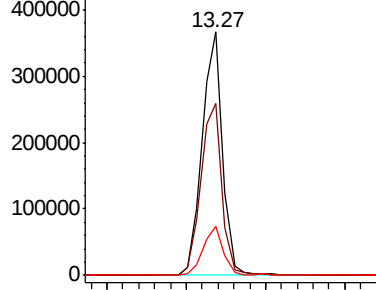


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80
Benzo(a)anthracene
Concen: 36.701 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF109613.D
Acq: 5 Oct 2018 15:35

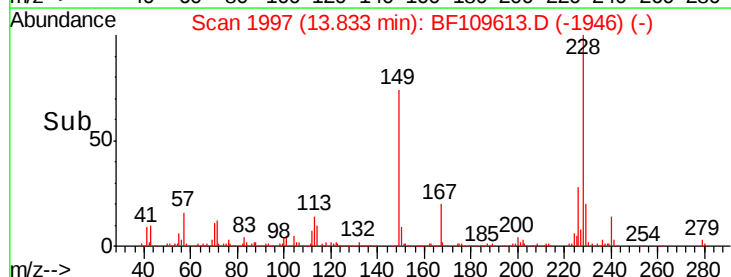
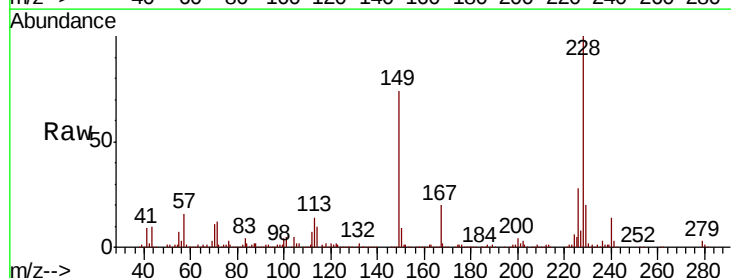
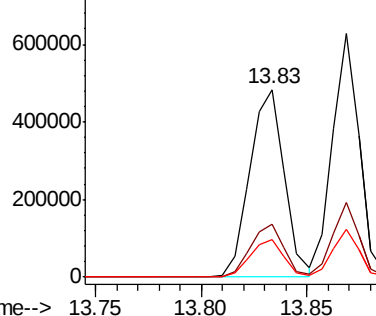
Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	19.9	15.8	23.6

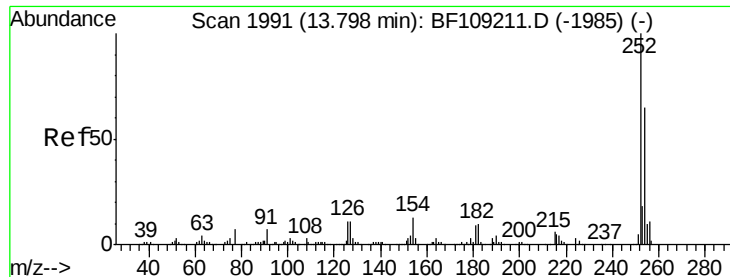
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 19.789 ng

RT: 13.79 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BF109613.D

Acq: 5 Oct 2018 15:35

Instrument :

BNA_F

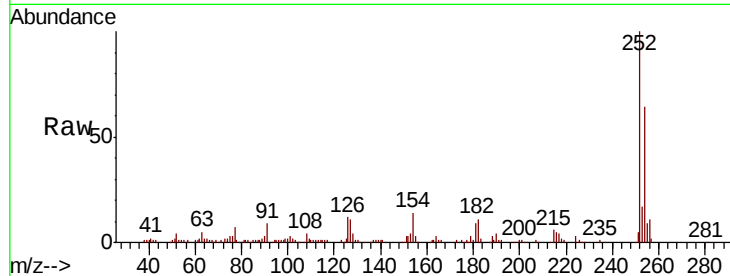
ClientSampleId :

SSSI-1001-S-DH-02MSD

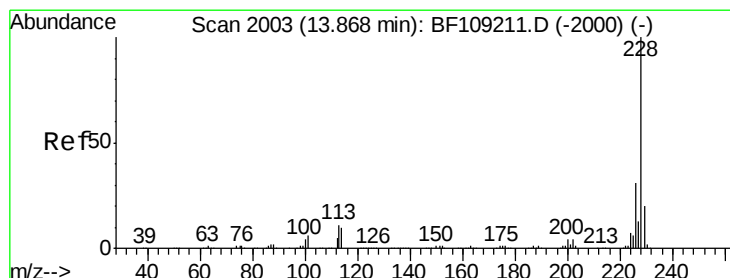
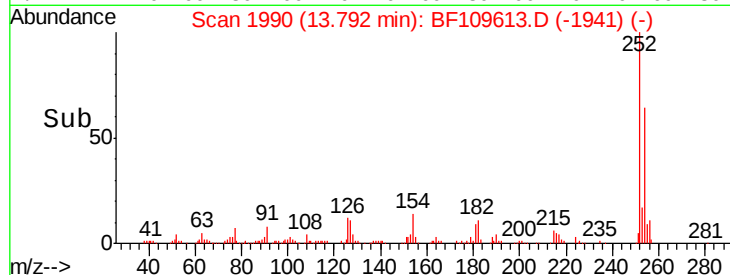
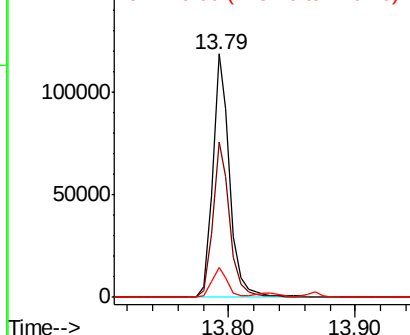
Tot Ion:	252	Resp:	112637
Ion Ratio		Lower	Upper
252	100		
254	64.0	50.4	75.6
126	12.1	11.3	16.9

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 38.496 ng

RT: 13.87 min Scan# 2003

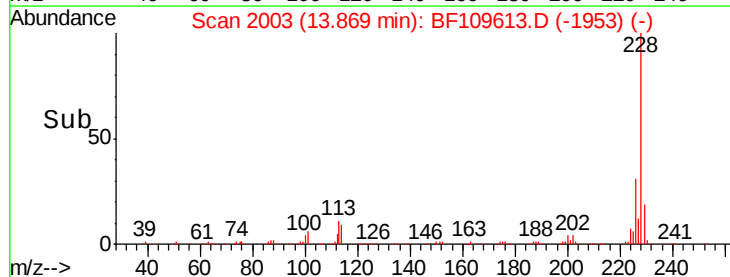
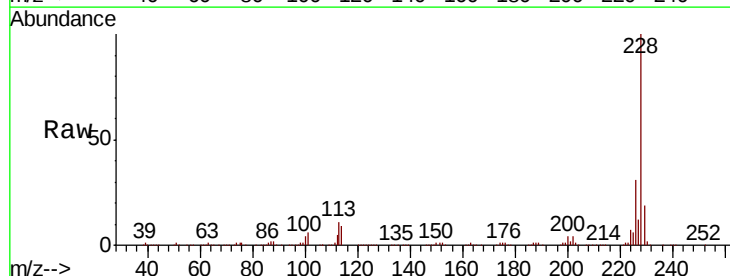
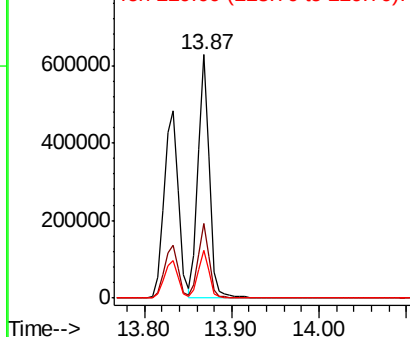
Delta R.T. -0.01 min

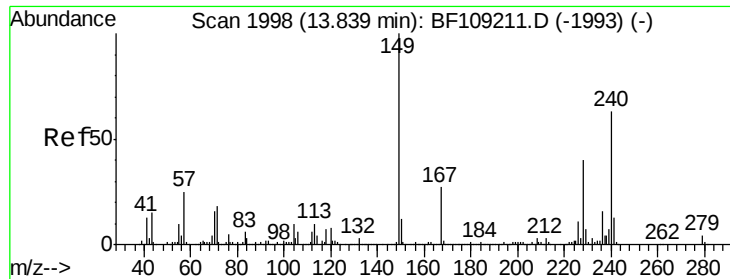
Lab File: BF109613.D

Acq: 5 Oct 2018 15:35

Tgt Ion:	228	Resp:	571443
Ion Ratio		Lower	Upper
228	100		
226	30.6	25.0	37.6
229	19.4	16.2	24.4

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





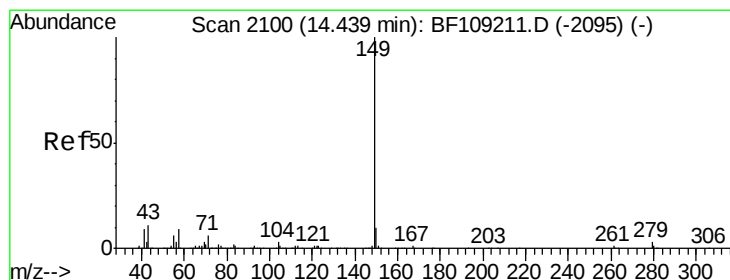
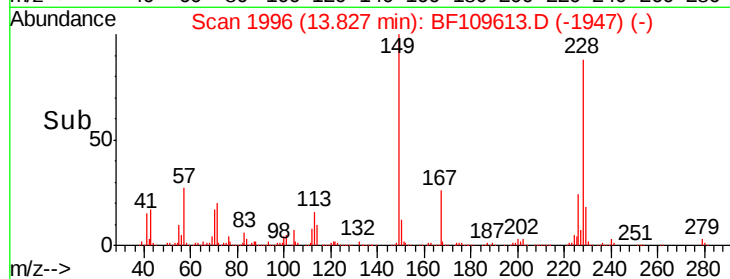
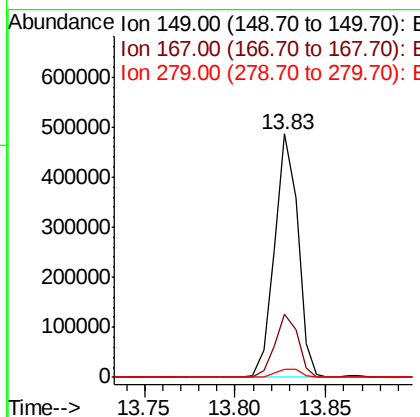
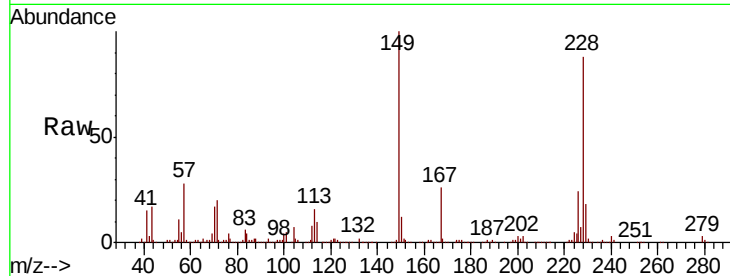
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.653 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF109613.D
 Acq: 5 Oct 2018 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-1001-S-DH-02MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.3	31.9
279	3.4	3.0	4.4

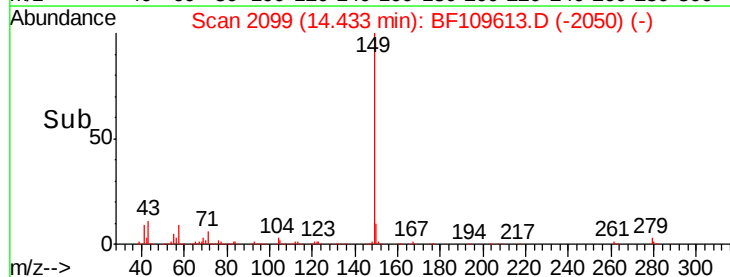
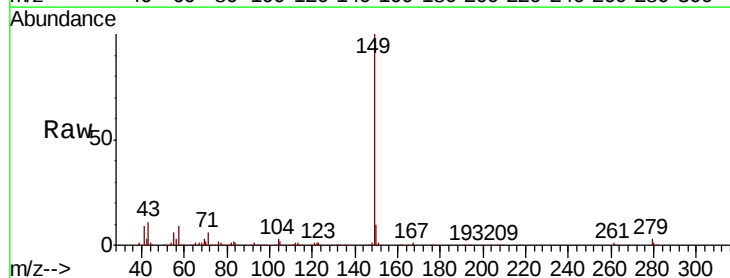
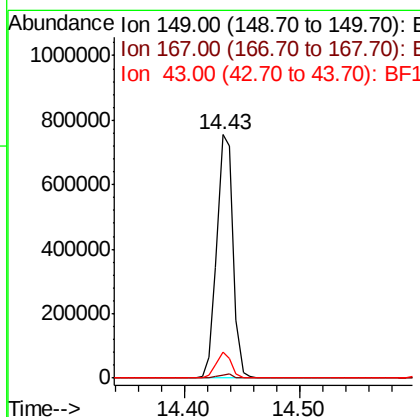
Manual Integrations
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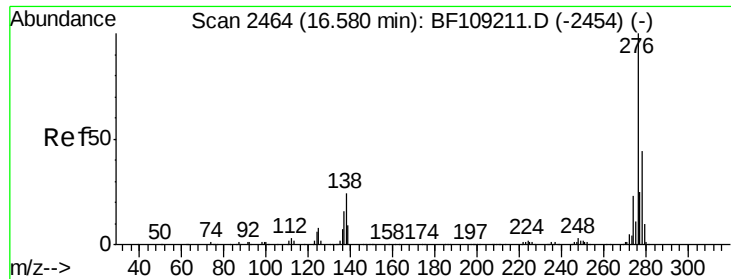
Sohil
 10/8/2018 12:21:16 PM



#84
 Di-n-octyl phthalate
 Concen: 45.494 ng
 RT: 14.43 min Scan# 2099
 Delta R.T. -0.01 min
 Lab File: BF109613.D
 Acq: 5 Oct 2018 15:35

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.7	8.4	12.6





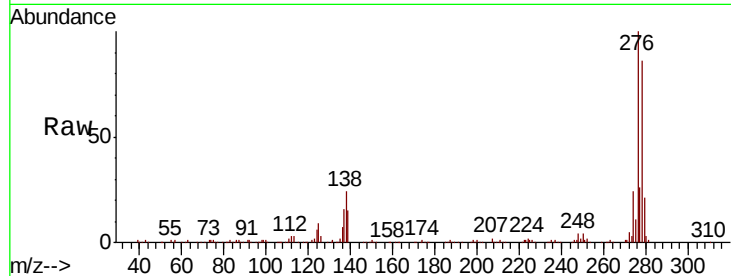
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.470 ng
 RT: 16.60 min Scan# 2468
 Delta R.T. 0.01 min
 Lab File: BF109613.D
 Acq: 5 Oct 2018 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-1001-S-DH-02MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.3	25.0	37.6#
277	25.1	20.1	30.1

Manual Integrations
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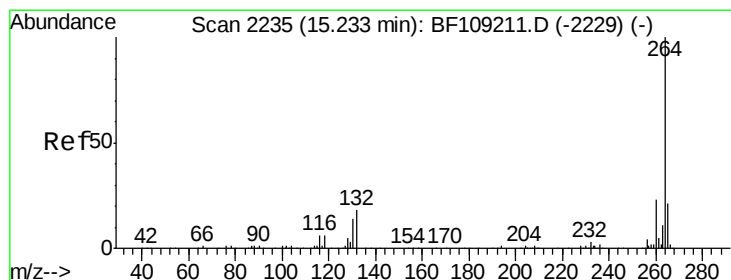
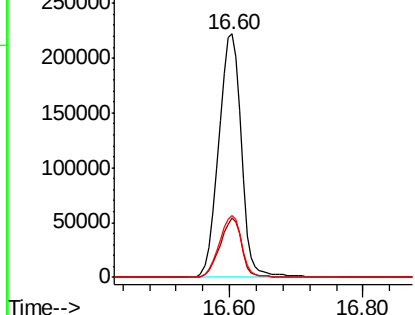
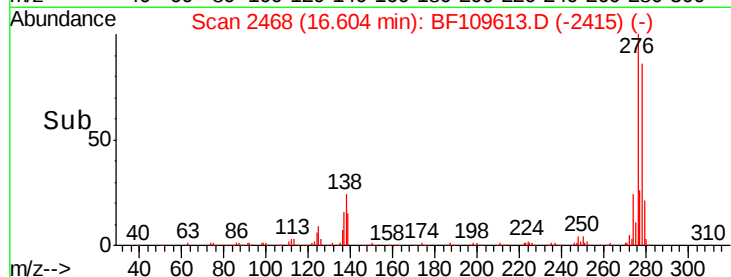


Abundance

Ion 276.00 (275.70 to 276.70): E

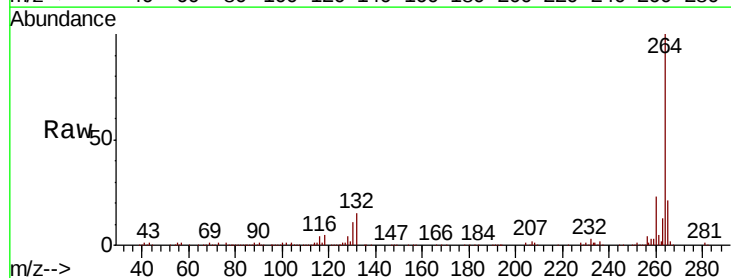
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. 0.01 min
 Lab File: BF109613.D
 Acq: 5 Oct 2018 15:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.1	17.5	26.3

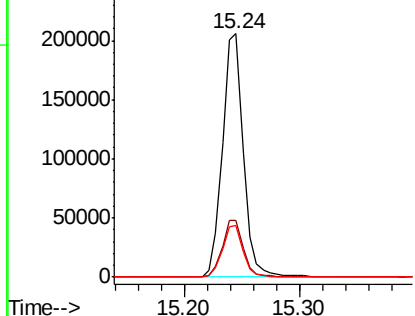
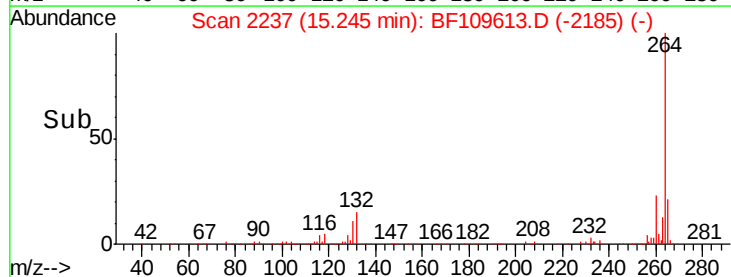


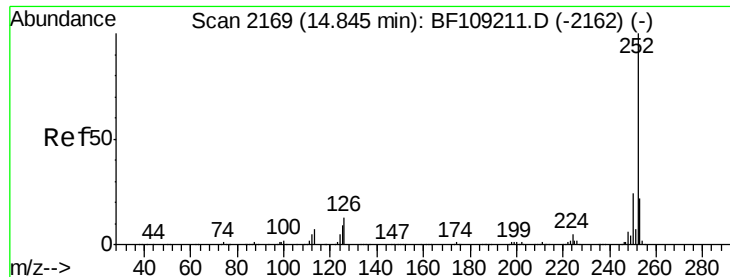
Abundance

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: 39.977 ng

RT: 14.85 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BF109613.D

Acq: 5 Oct 2018 15:35

Instrument :

BNA_F

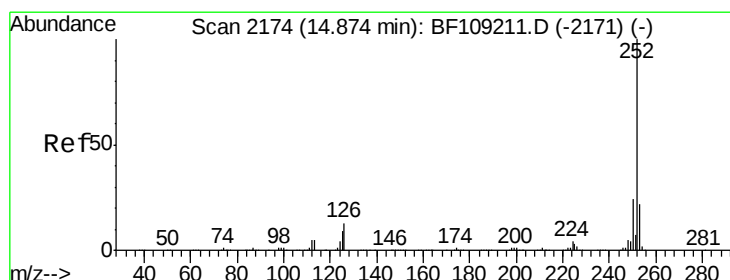
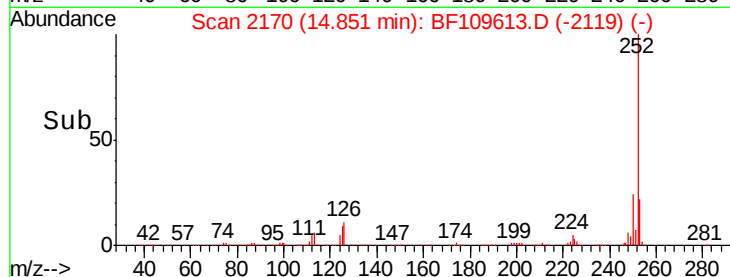
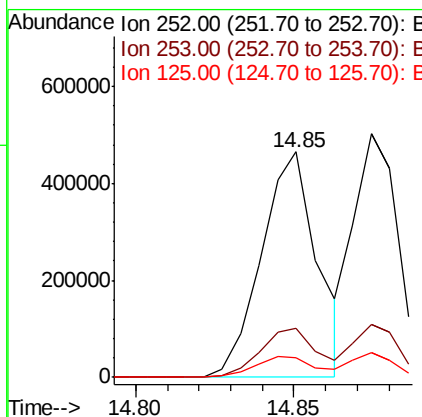
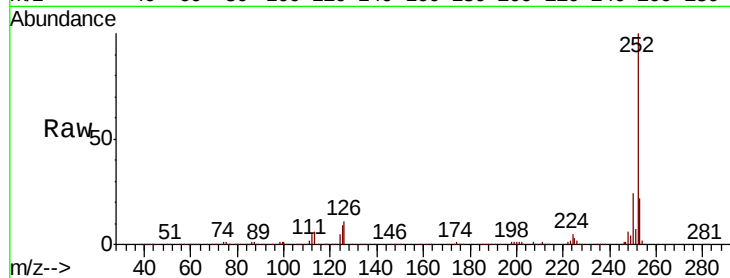
ClientSampleId :

SSSI-1001-S-DH-02MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	8.7	9.0	13.6#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 38.089 ng

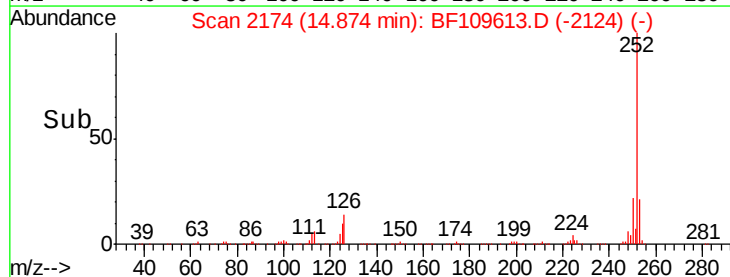
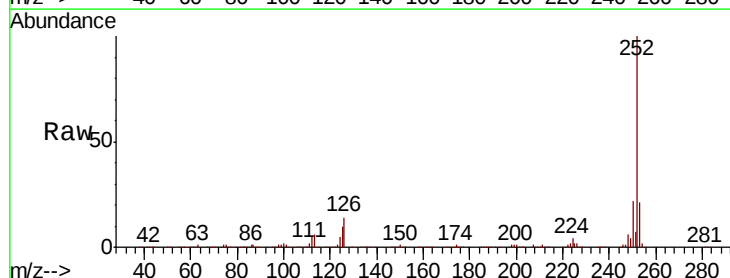
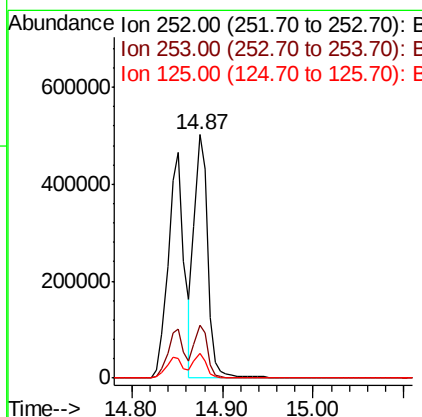
RT: 14.87 min Scan# 2174

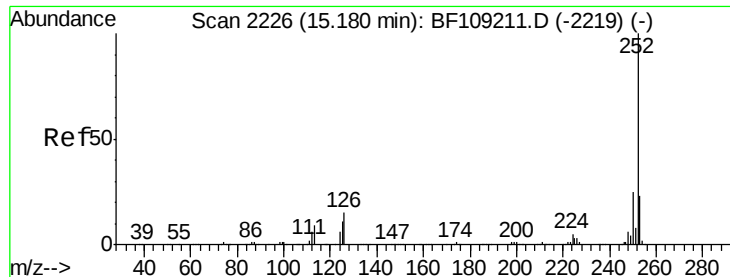
Delta R.T. -0.01 min

Lab File: BF109613.D

Acq: 5 Oct 2018 15:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	10.0	10.2	15.2#





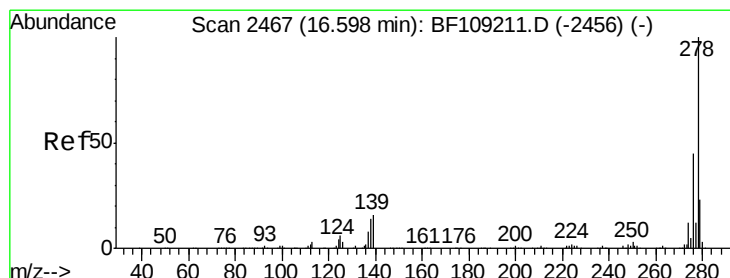
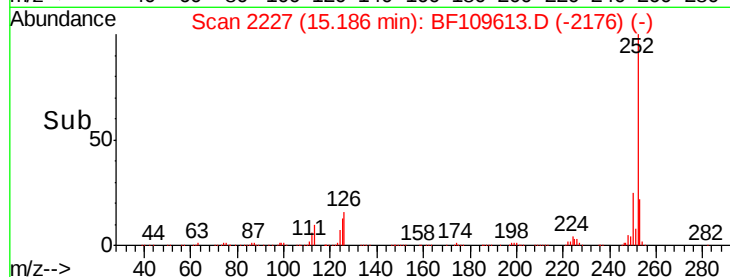
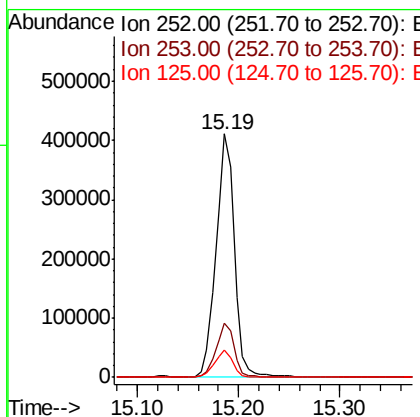
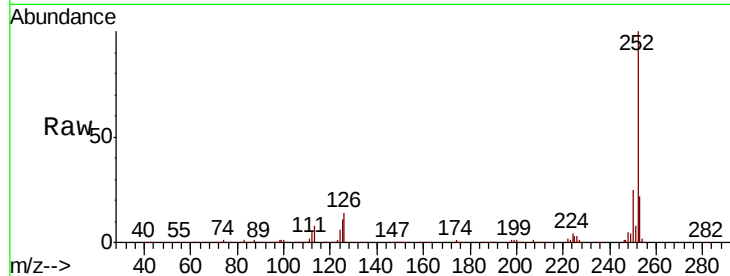
#89
Benzo(a)pyrene
Concen: 40.294 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF109613.D
Acq: 5 Oct 2018 15:35

Instrument :
BNA_F
ClientSampleId :
SSSI-1001-S-DH-02MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	11.2	9.8	14.6

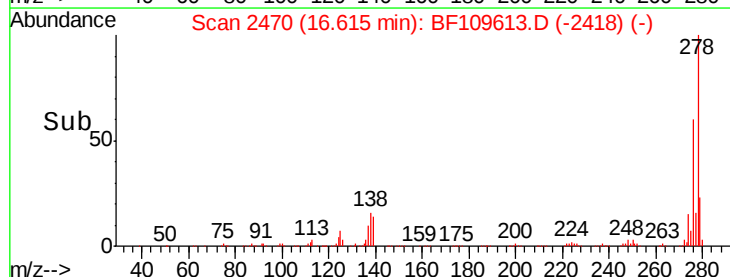
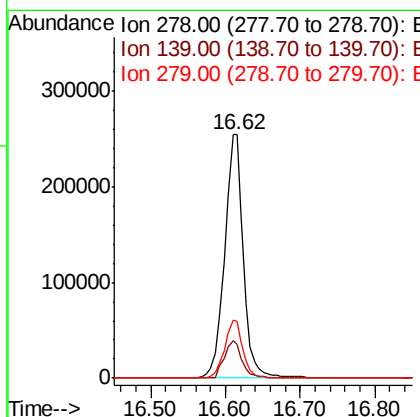
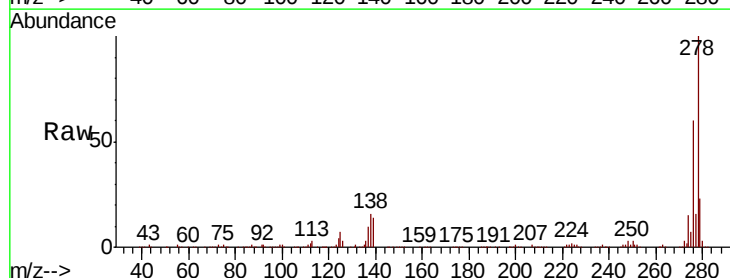
Manual Integrations
APPROVED

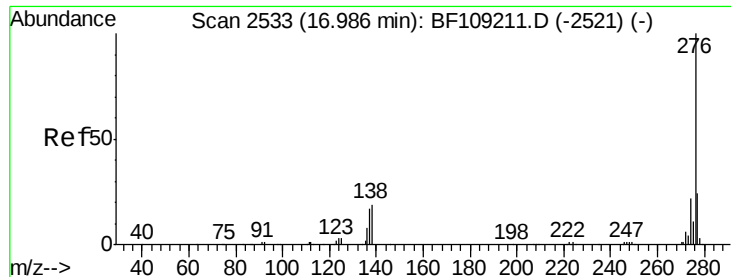
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#90
Dibenzo(a,h)anthracene
Concen: 42.579 ng
RT: 16.62 min Scan# 2470
Delta R.T. 0.01 min
Lab File: BF109613.D
Acq: 5 Oct 2018 15:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.8	15.9	23.9#
279	23.2	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 41.510 ng
 RT: 17.00 min Scan# 2536
 Delta R.T. 0.01 min
 Lab File: BF109613.D
 Acq: 5 Oct 2018 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-1001-S-DH-02MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	20.3	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 10/8/2018 12:21:16 PM

