

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
 Data File : BF101130.D
 Acq On : 5 Dec 2017 17:54
 Operator : SJ/JU
 Sample : I6709-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-105-6(0-5)MSD

Manual Integrations
 APPROVED

Sohil
 12/6/2017 5:12:28 PM

Quant Time: Dec 06 00:58:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	52062	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	202779	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	92928	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	169306	20.00	ng	0.00
75) Chrysene-d12	14.02	240	106515	20.00	ng	0.00
86) Perylene-d12	15.50	264	113186	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	437943	139.00	ng	0.02
7) Phenol-d6	6.50	99	530568	138.71	ng	0.02
23) Nitrobenzene-d5	7.42	82	329096	96.81	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	140059	125.46	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	677680	99.78	ng	0.00
78) Terphenyl-d14	12.96	244	533634	109.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	51973	39.893	ng	95
3) Pyridine	3.45	79	138385	40.974	ng	92
4) n-Nitrosodimethylamine	3.40	42	78216	47.417	ng	# 84
6) Aniline	6.52	93	167142	33.602	ng	98
8) 2-Chlorophenol	6.64	128	160867	46.828	ng	98
9) Benzaldehyde	6.40	77	58693	25.070	ng	98
10) Phenol	6.51	94	205150	48.233	ng	84
11) bis(2-Chloroethyl)ether	6.59	93	143400	44.949	ng	98
12) 1,3-Dichlorobenzene	6.79	146	181376	45.344	ng	98
13) 1,4-Dichlorobenzene	6.87	146	183936	44.415	ng	98
14) 1,2-Dichlorobenzene	7.02	146	174777	45.246	ng	97
15) Benzyl Alcohol	7.00	79	135395	45.829	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	228261	52.636	ng	91
17) 2-Methylphenol	7.11	107	129541	46.700	ng	95
18) Hexachloroethane	7.36	117	58690	44.111	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	110471	42.883	ng	94
20) 3+4-Methylphenols	7.26	107	163372	45.161	ng	# 74
22) Acetophenone	7.26	105	213197	43.518	ng	# 84
24) Nitrobenzene	7.44	77	161445	48.459	ng	99
25) Isophorone	7.67	82	293234	50.502	ng	99
26) 2-Nitrophenol	7.75	139	85260	46.619	ng	96
27) 2,4-Dimethylphenol	7.79	122	136331	51.531	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	183190	46.942	ng	99
29) 2,4-Dichlorophenol	8.00	162	142093	49.342	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	150029	47.379	ng	96
31) Naphthalene	8.16	128	454603	45.488	ng	100
32) Benzoic acid	7.87	122	4786m	2.326	ng	
33) 4-Chloroaniline	8.20	127	85649	21.329	ng	98
34) Hexachlorobutadiene	8.27	225	89107	45.880	ng	98
35) Caprolactam	8.59	113	40514m	45.143	ng	
36) 4-Chloro-3-methylphenol	8.70	107	144954	48.592	ng	99
37) 2-Methylnaphthalene	8.85	142	317204	46.711	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	148280	43.923	ng	# 96
40) Hexachlorocyclopentadiene	8.99	237	33462	32.589	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	100372	50.719	nq	98
43) 2,4,5-Trichlorophenol	9.17	196	106516	50.346	nq #	92
45) 1,1'-Biphenyl	9.31	154	371735	43.661	nq	97
46) 2-Chloronaphthalene	9.34	162	297860	49.261	nq	96
47) 2-Nitroaniline	9.44	65	87783	49.070	nq	97
48) Acenaphthylene	9.76	152	450841	45.371	nq	98
49) Dimethylphthalate	9.61	163	436870	58.293	nq	99
50) 2,6-Dinitrotoluene	9.68	165	74684	47.313	nq	95
51) Acenaphthene	9.93	154	261944	44.024	nq	99
52) 3-Nitroaniline	9.85	138	61329	34.549	nq	96
53) 2,4-Dinitrophenol	9.96	184	9195	15.472	nq #	15
54) Dibenzofuran	10.10	168	393784	45.925	nq	99
55) 4-Nitrophenol	10.02	139	98839	82.562	nq	96
56) 2,4-Dinitrotoluene	10.09	165	95435	45.113	nq #	91
57) Fluorene	10.44	166	309889	44.458	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	83235	49.136	nq #	84
59) Diethylphthalate	10.31	149	341832	46.243	nq	96
60) 4-Chlorophenyl-phenylether	10.43	204	155165	45.085	nq	95
61) 4-Nitroaniline	10.47	138	71951	39.047	nq	95
62) Azobenzene	10.59	77	286134	45.612	nq	92
64) 4,6-Dinitro-2-methylphenol	10.50	198	15468	13.621	nq	88
65) n-Nitrosodiphenylamine	10.55	169	288447	48.292	nq	96
66) 4-Bromophenyl-phenylether	10.92	248	93643	49.413	nq #	82
67) Hexachlorobenzene	10.99	284	97232	47.872	nq #	83
68) Atrazine	11.08	200	91259	49.809	nq	97
69) Pentachlorophenol	11.19	266	81097	72.618	nq	98
70) Phenanthrene	11.40	178	431080	46.235	nq	97
71) Anthracene	11.46	178	441975	46.838	nq	98
72) Carbazole	11.61	167	373807	43.357	nq	99
73) Di-n-butylphthalate	11.93	149	499288	46.202	nq	99
74) Fluoranthene	12.59	202	390623	37.796	nq	96
76) Benzidine	12.72	184	166661	48.117	nq	97
77) Pyrene	12.82	202	378214	51.459	nq	100
79) Butylbenzylphthalate	13.43	149	167543	51.703	nq	88
80) Benzo(a)anthracene	14.02	228	315019	46.842	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	105126	45.136	nq #	94
82) Chrysene	14.05	228	295138	47.254	nq	96
83) Bis(2-ethylhexyl)phthalate	13.99	149	229050	49.574	nq	99
84) Di-n-octyl phthalate	14.60	149	343488	44.649	nq	98
85) Indeno(1,2,3-cd)pyrene	16.99	276	300084	54.042	nq #	91
87) Benzo(b)fluoranthene	15.07	252	300276	44.292	nq	98
88) Benzo(k)fluoranthene	15.10	252	299530	44.844	nq #	96
89) Benzo(a)pyrene	15.44	252	292746	47.497	nq	98
90) Dibenzo(a,h)anthracene	17.00	278	256511	47.208	nq #	94
91) Benzo(g,h,i)perylene	17.44	276	239015	46.676	nq #	91

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

```

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Misc      :
ALS Vial  : 19      Sample Multiplier: 1

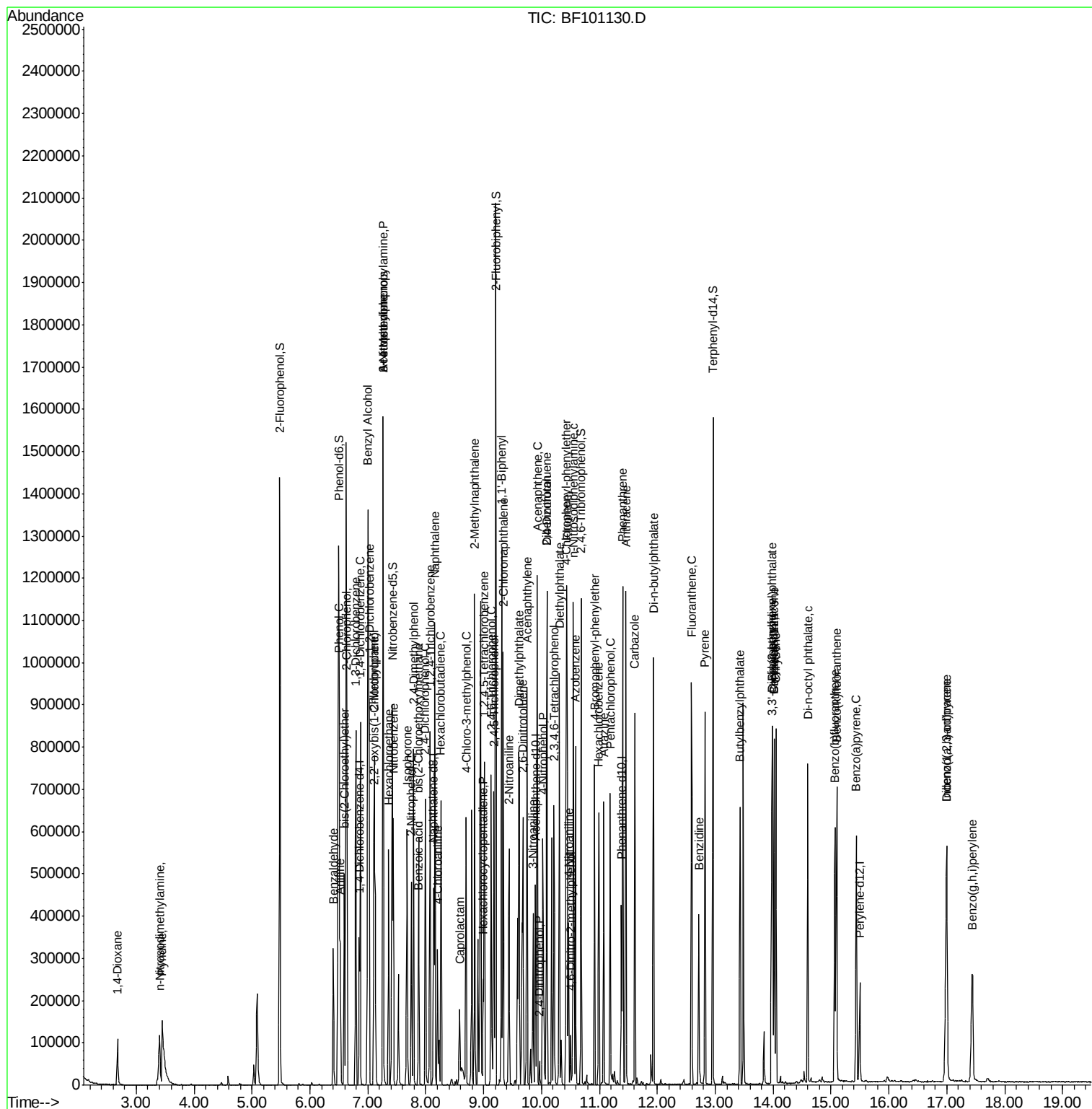
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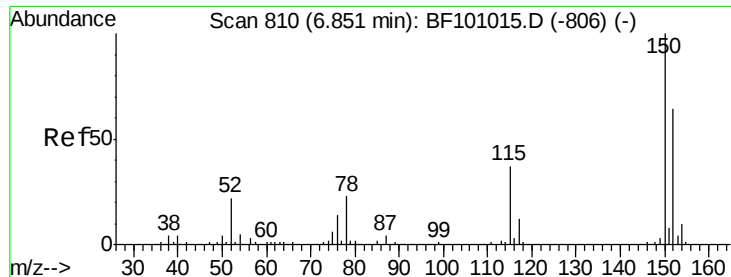
Instrument :
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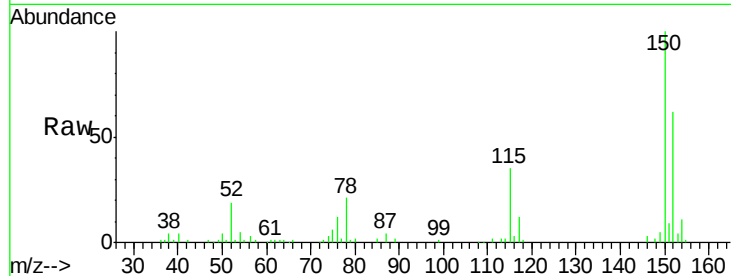
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.01 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
ENV-105-6(0-5)MSD

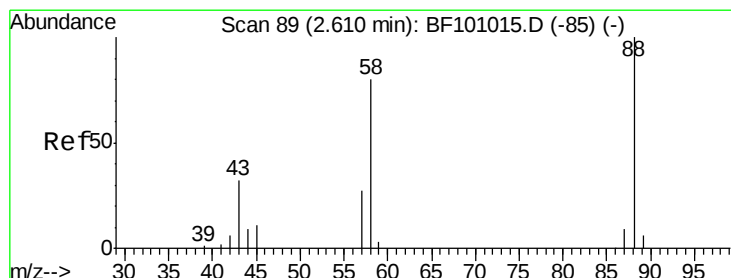
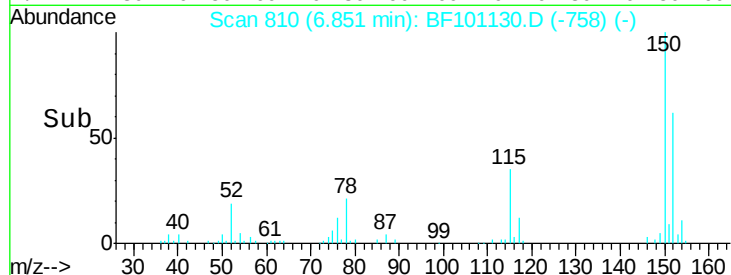
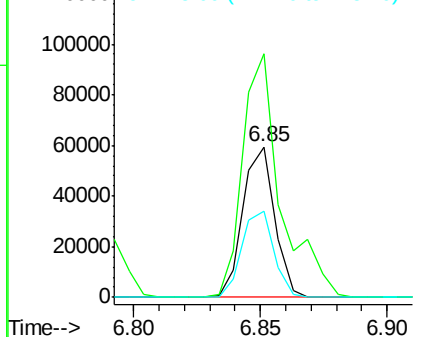
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.9	124.6	186.8
115	57.0	50.1	75.1

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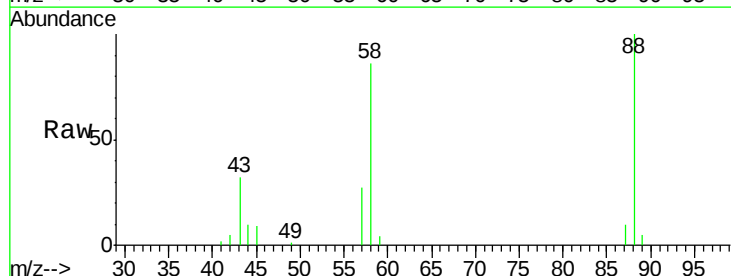
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Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



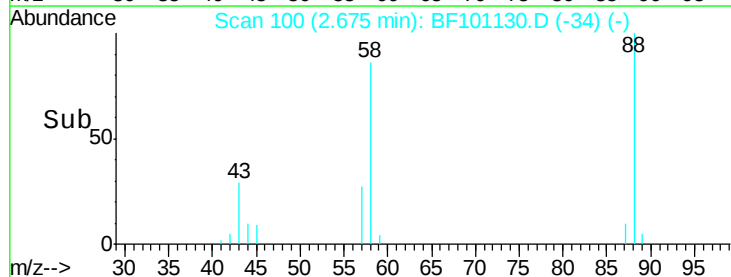
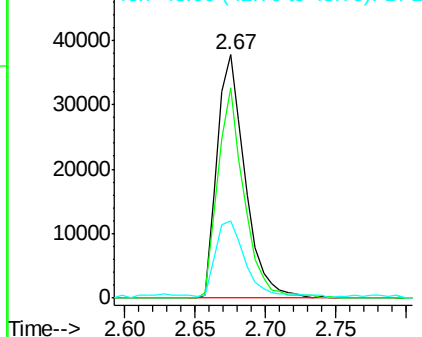
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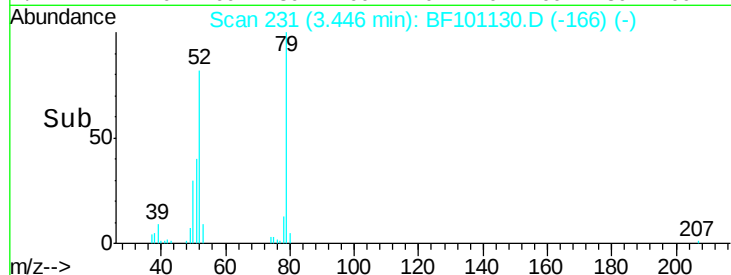
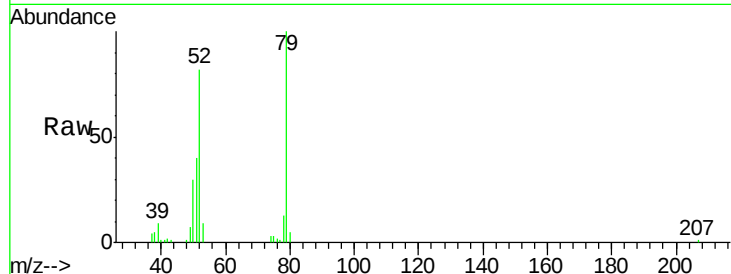
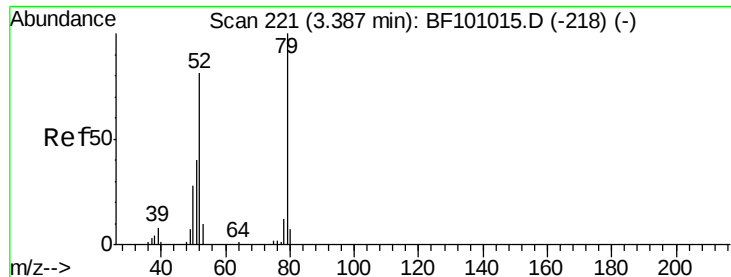
1,4-Dioxane
Concen: 39.893 ng
RT: 2.67 min Scan# 100
Delta R.T. 0.09 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.2	62.6	93.8
43	35.2	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





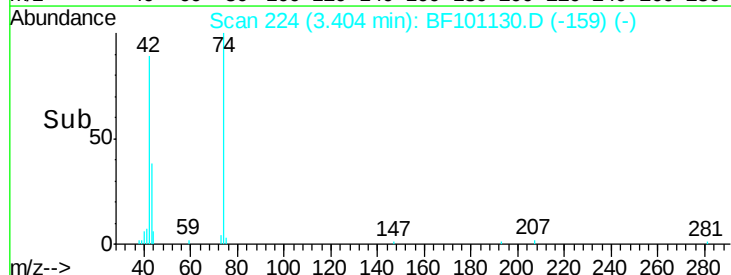
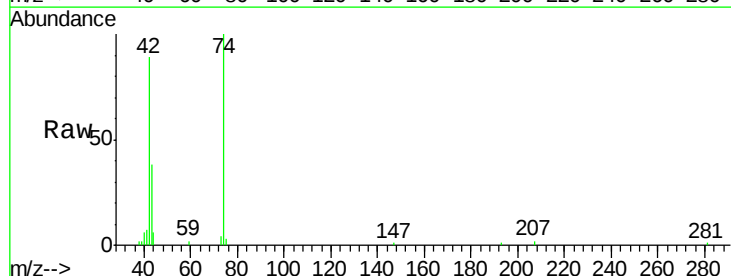
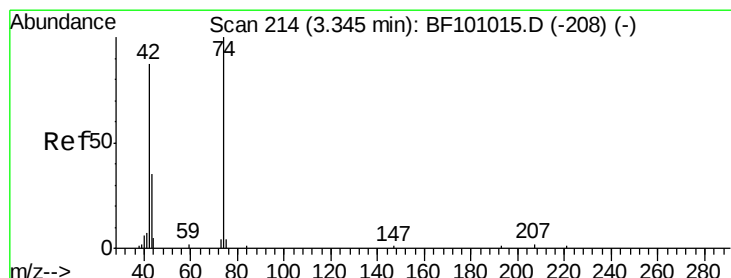
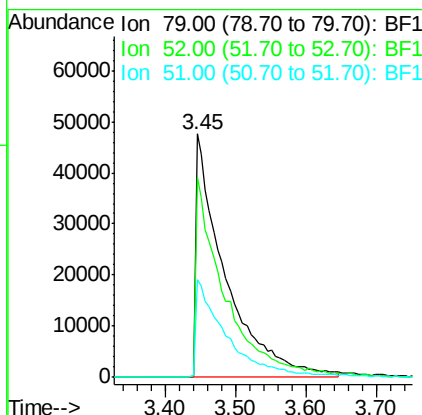
#3
 Pvridine
 Concen: 40.974 ng
 RT: 3.45 min Scan# 231
 Delta R.T. 0.08 min
 Lab File: BF101130.D
 Acq: 5 Dec 2017 17:54

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		138385		
52	82.4	59.8	89.6		
51	40.3	29.8	44.8		

Instrument :
 BNA_F
 ClientSampleId :
 ENV-105-6(0-5)MSD

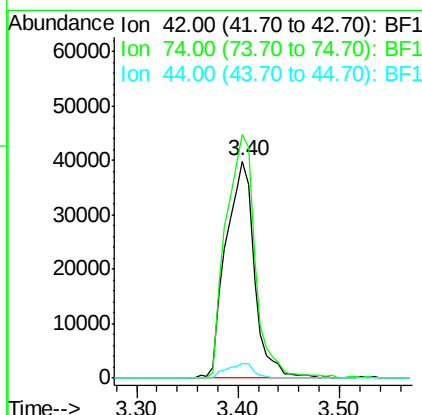
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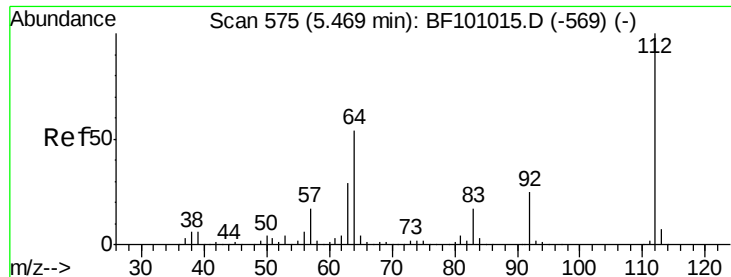
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#4
 n-Nitrosodimethylamine
 Concen: 47.417 ng
 RT: 3.40 min Scan# 224
 Delta R.T. 0.08 min
 Lab File: BF101130.D
 Acq: 5 Dec 2017 17:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		78216		
74	112.1	104.9	157.3		
44	6.7	6.9	10.3		





#5

2-Fluorophenol

Concen: 139.003 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.02 min

Lab File: BF101130.D

Acq: 5 Dec 2017 17:54

Instrument :

BNA_F

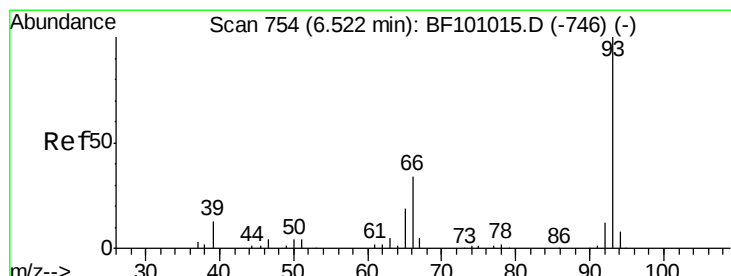
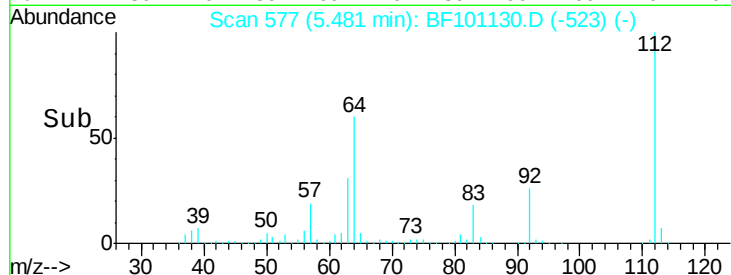
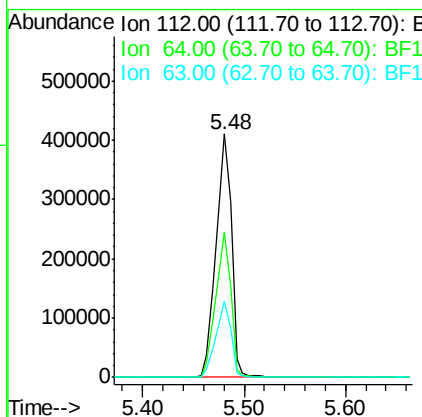
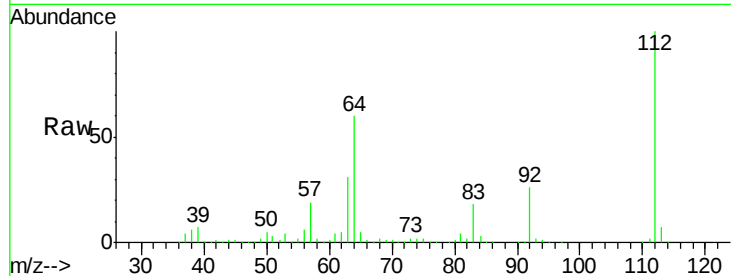
ClientSampleId :

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Tot Ion:	112	Resp:	437943
Ion Ratio	Lower	Upper	
112	100		
64	59.8	47.9	71.9
63	31.4	23.7	35.5

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#6

Aniline

Concen: 33.602 ng

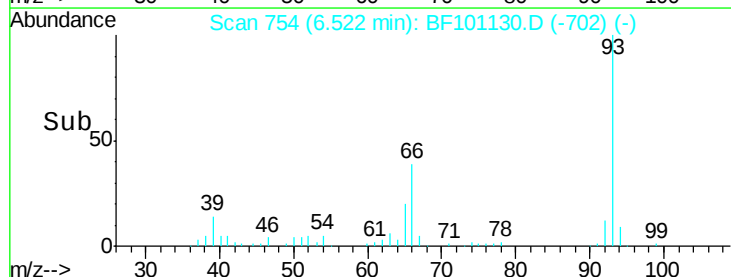
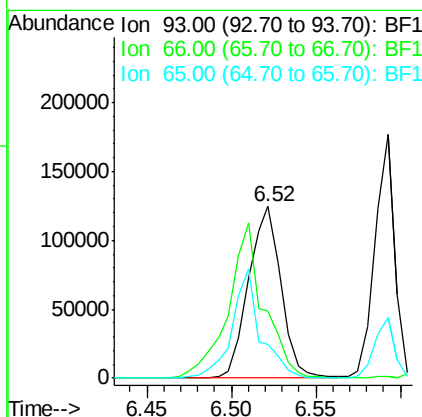
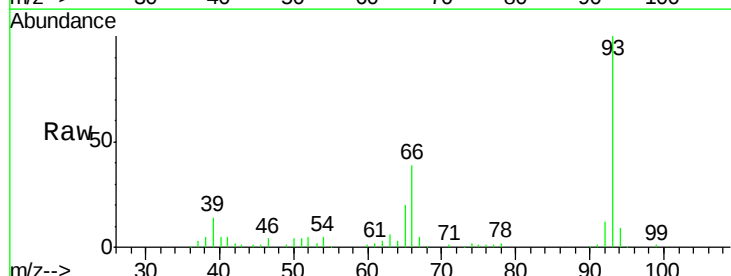
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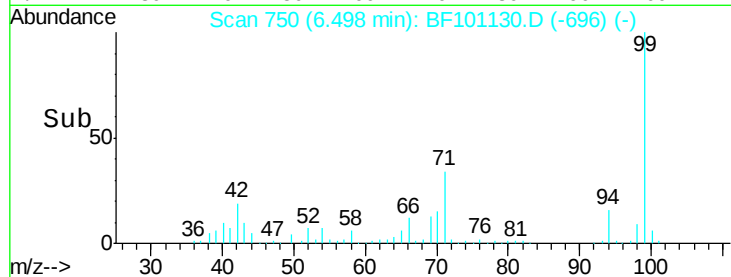
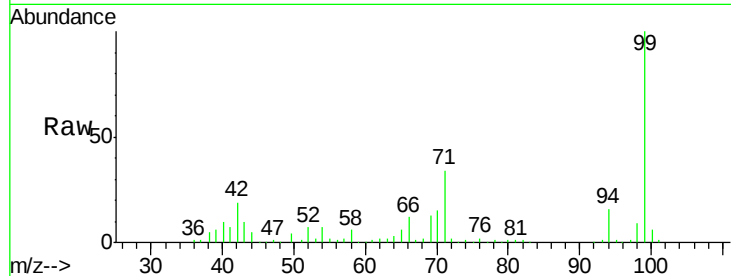
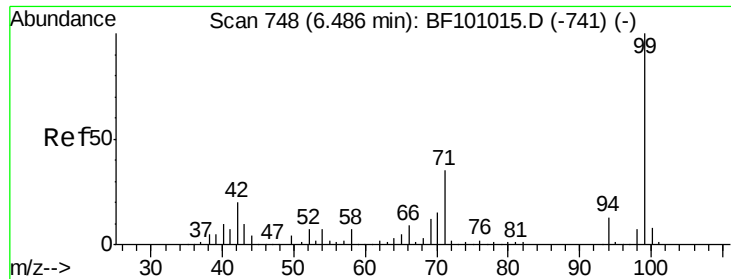
Delta R.T. 0.01 min

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Acq: 5 Dec 2017 17:54

Tgt Ion:	93	Resp:	167142
Ion Ratio	Lower	Upper	
93	100		
66	38.8	32.2	48.2
65	19.5	16.4	24.6





#7

Phenol-d6

Concen: 138.705 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.02 min

Lab File: BF101130.D

Acq: 5 Dec 2017 17:54

Tot Ion:	99	Resp:	530568
Ion Ratio	Lower	Upper	
99	100		
42	19.2	14.5	21.7
71	34.2	25.4	38.0

Instrument :

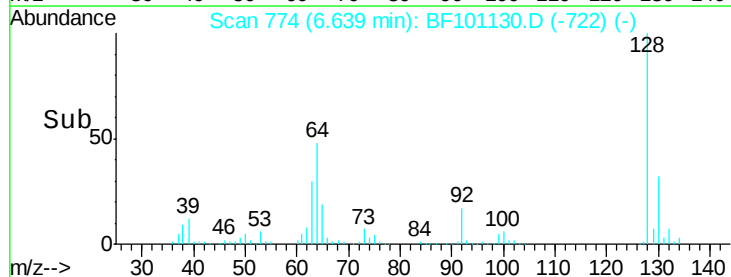
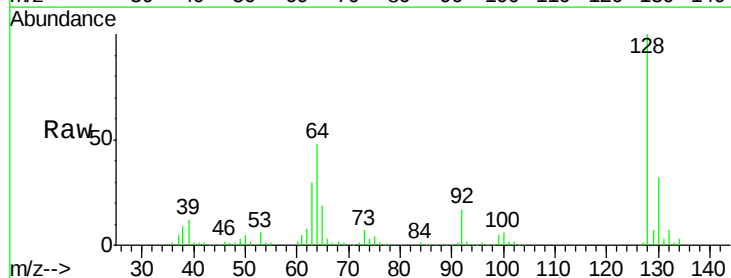
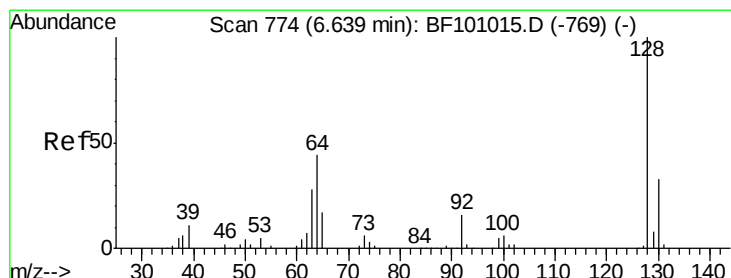
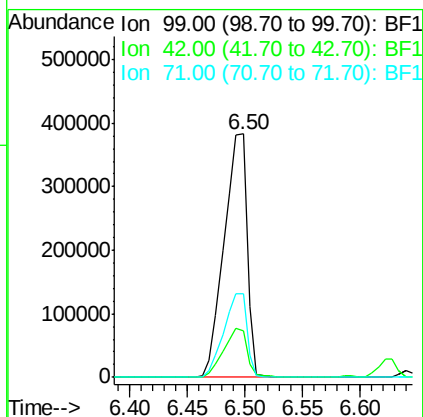
BNA_F

ClientSampleId :

ENV-105-6(0-5)MSD

Manual Integrations
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#8

2-Chlorophenol

Concen: 46.828 ng

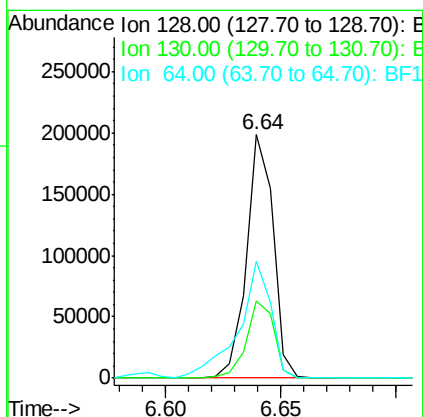
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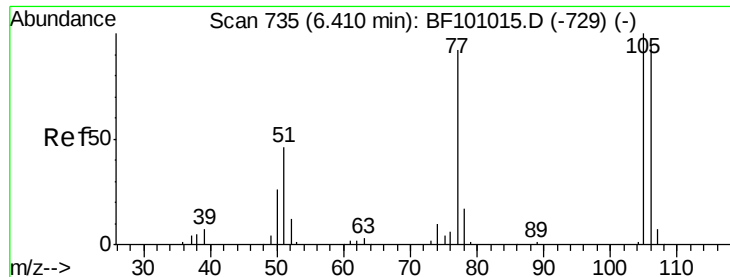
Delta R.T. 0.01 min

Lab File: BF101130.D

Acq: 5 Dec 2017 17:54

Tgt Ion:	128	Resp:	160867
Ion Ratio	Lower	Upper	
128	100		
130	31.9	13.0	53.0
64	48.1	29.4	69.4





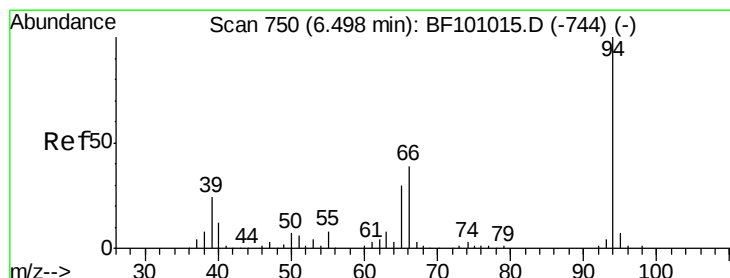
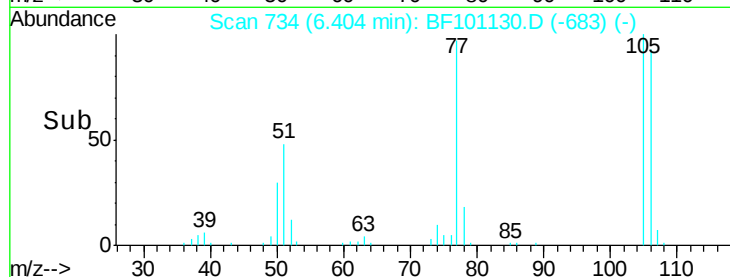
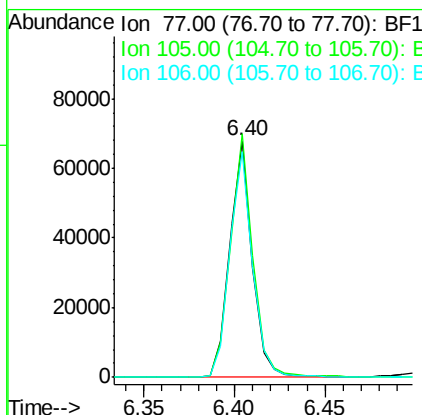
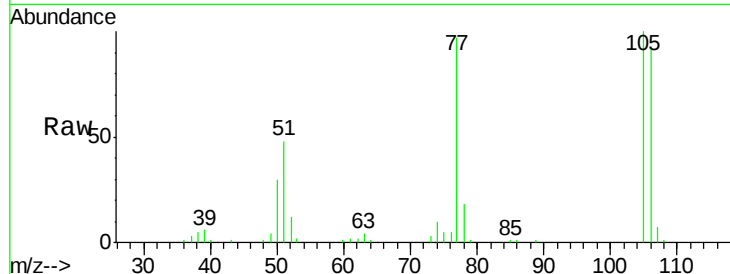
#9
Benzaldehyde
Concen: 25.070 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Instrument :
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ClientSampleId :
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Tot Ion: 77 Resp: 58693
Ion Ratio Lower Upper
77 100
105 103.1 81.1 121.1
106 95.8 74.5 114.5

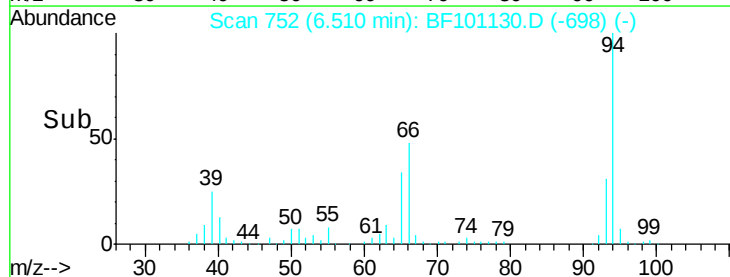
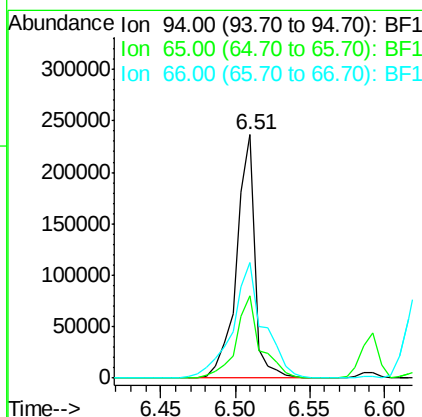
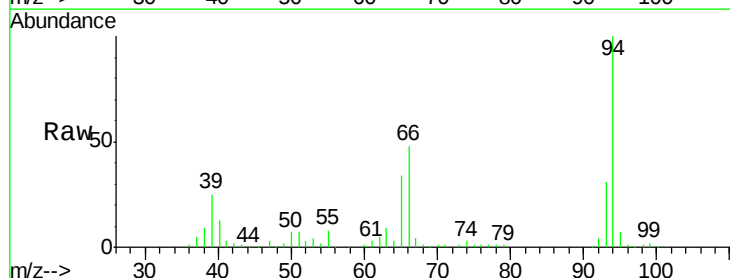
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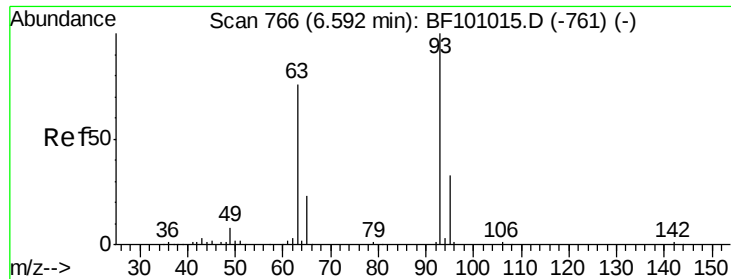
Sohil
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#10
Phenol
Concen: 48.233 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.02 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Tgt Ion: 94 Resp: 205150
Ion Ratio Lower Upper
94 100
65 33.6 7.9 47.9
66 47.7 16.2 56.2





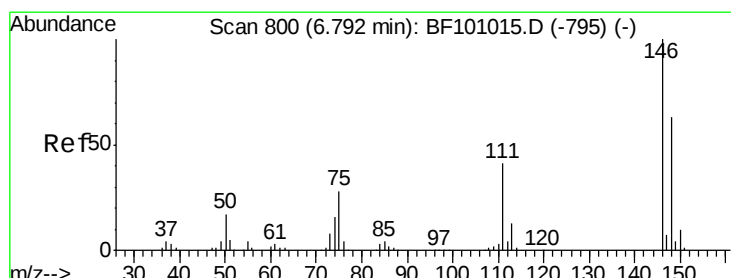
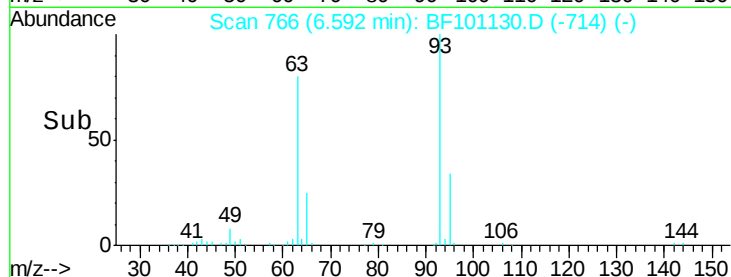
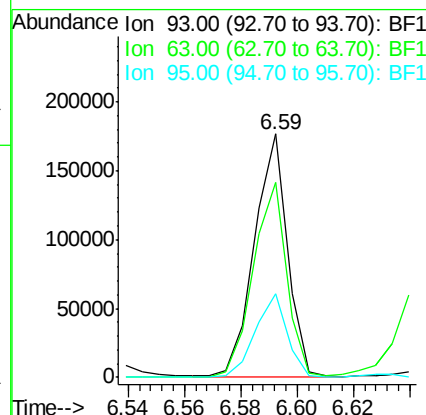
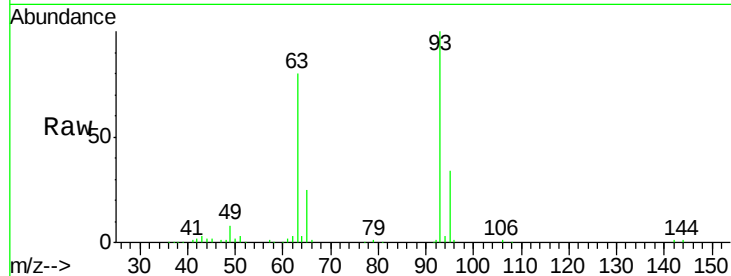
#11
bis(2-Chloroethyl)ether
Concen: 44.949 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
ENV-105-6(0-5)MSD

Tot Ion:	93	Resp:	143400
Ion Ratio	Lower	Upper	
93	100		
63	79.9	58.6	98.6
95	34.2	11.8	51.8

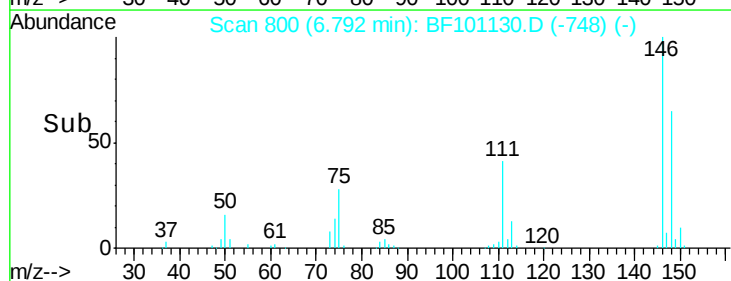
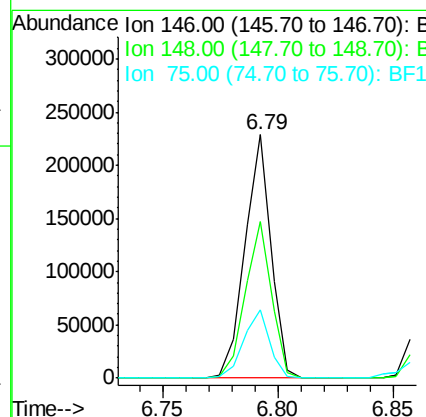
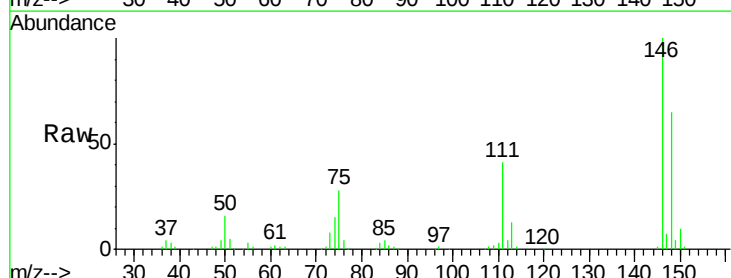
Manual Integrations
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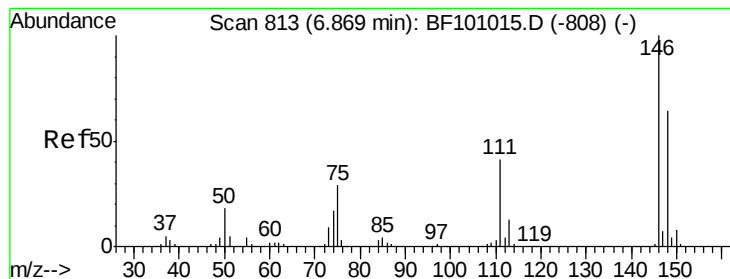
Sohil
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#12
1,3-Dichlorobenzene
Concen: 45.344 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Tgt Ion:	146	Resp:	181376
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.8	77.8
75	28.1	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 44.415 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF101130.D

Acq: 5 Dec 2017 17:54

Instrument :

BNA_F

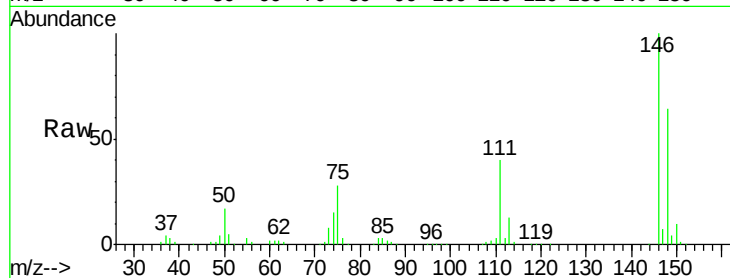
ClientSampleId :

ENV-105-6(0-5)MSD

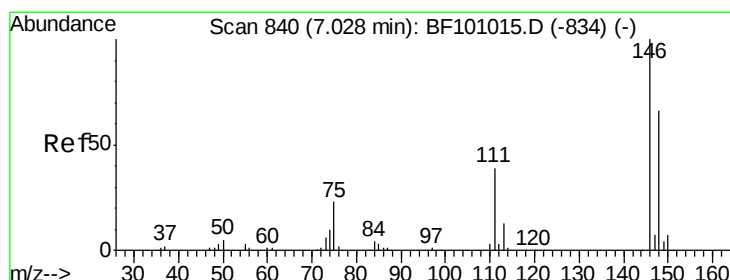
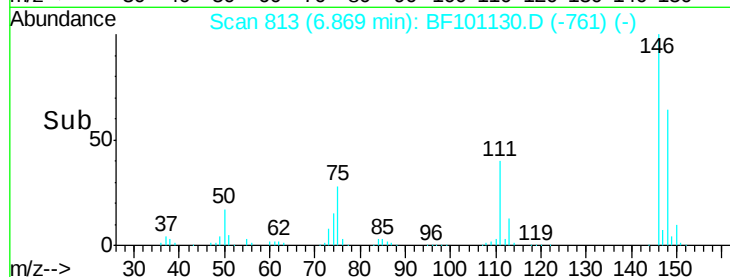
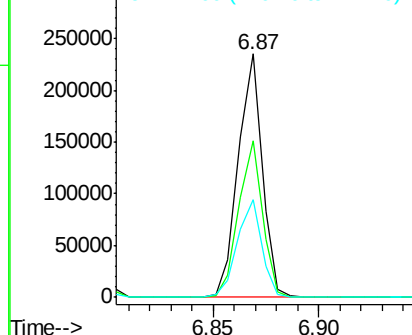
Tot Ion:	146	Resp:	183936
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.8	76.2
111	40.1	34.2	51.2

Manual Integrations
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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 45.246 ng

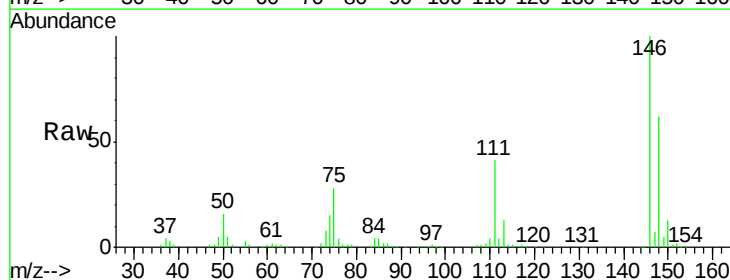
RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

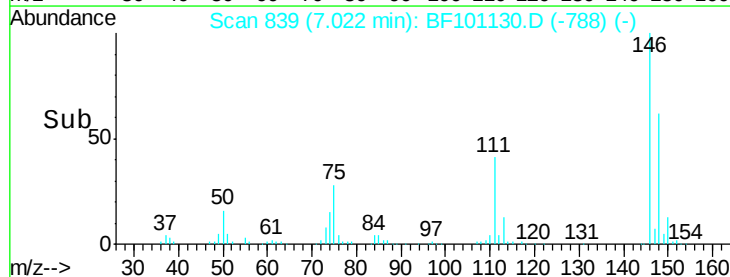
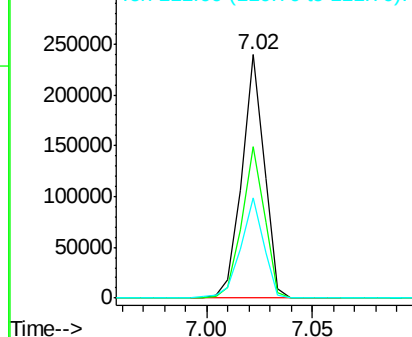
Lab File: BF101130.D

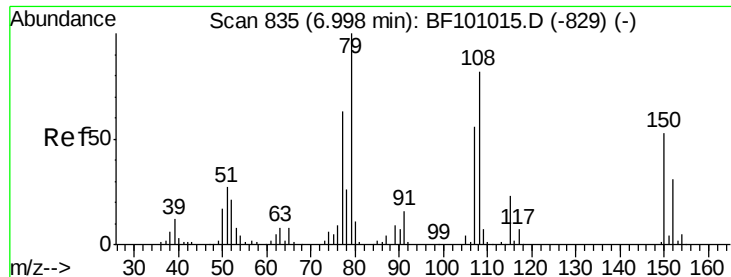
Acq: 5 Dec 2017 17:54

Tgt Ion:	146	Resp:	174777
Ion Ratio	Lower	Upper	
146	100		
148	62.0	50.6	75.8
111	41.2	36.0	54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





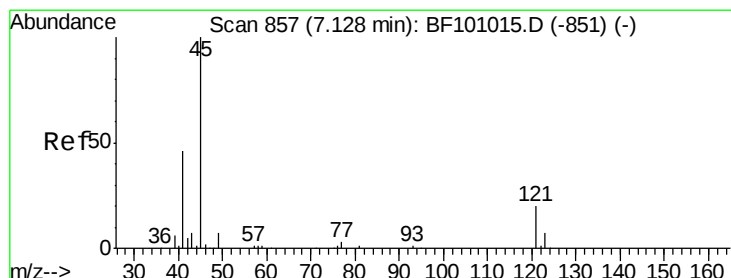
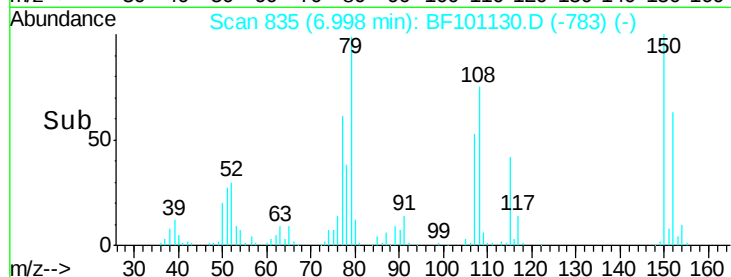
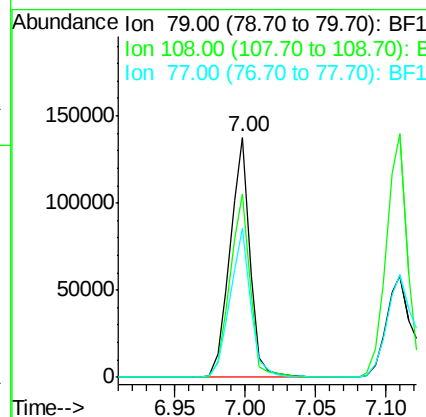
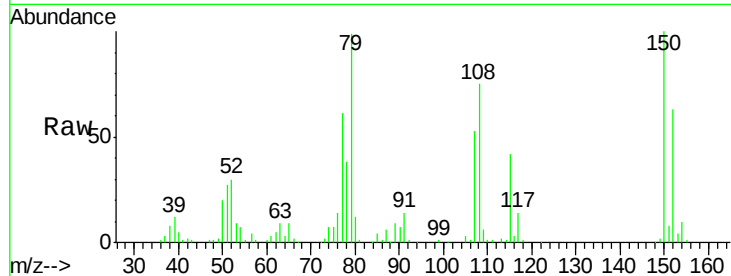
#15
Benzyl Alcohol
Concen: 45.829 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
ENV-105-6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.2	65.1	97.7
77	61.8	50.6	75.8

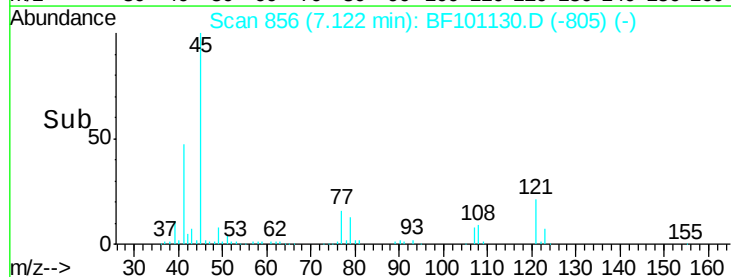
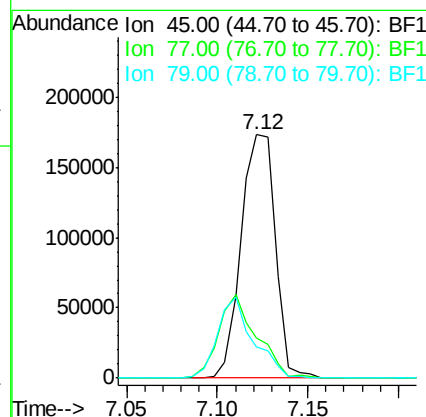
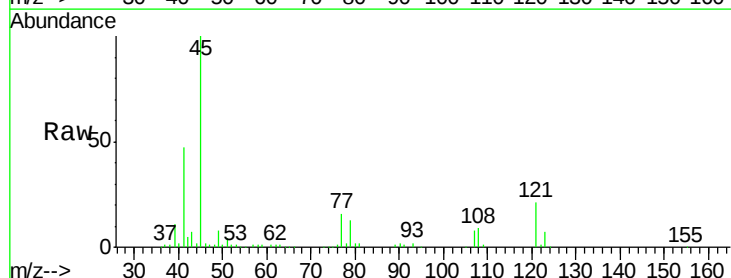
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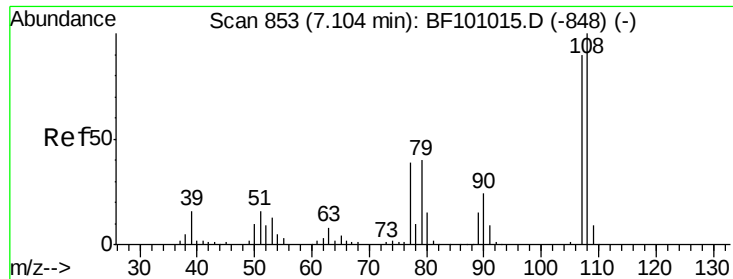
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#16
2,2'-oxybis(1-chloropropane)
Concen: 52.636 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.3	0.0	32.9
79	12.9	0.0	29.6





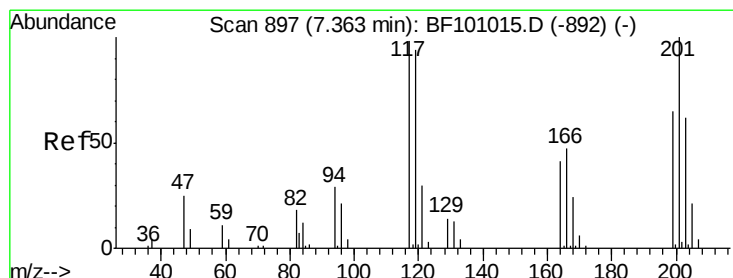
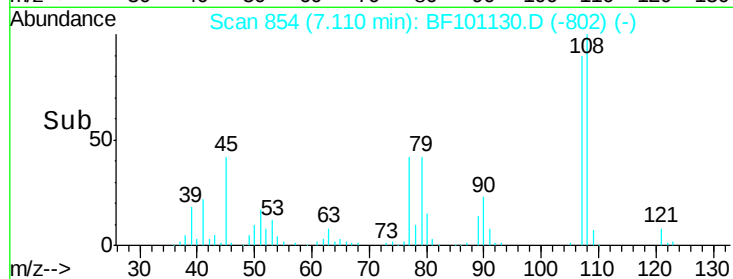
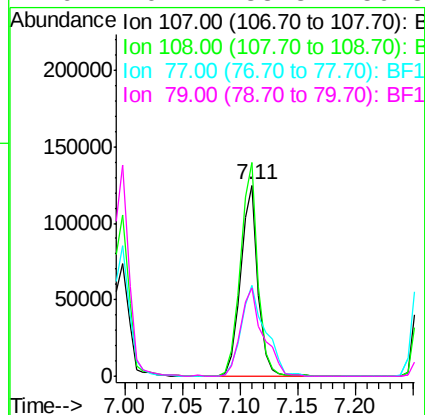
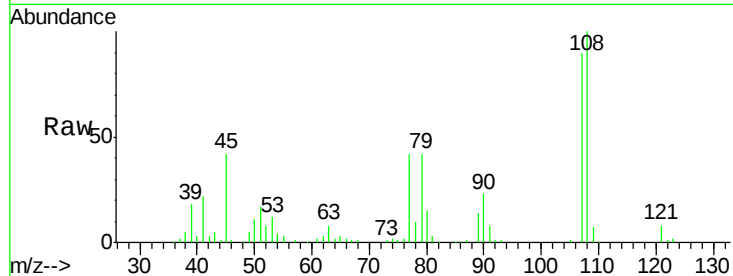
#17
2-Methylphenol
Concen: 46.700 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
ENV-105-6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.6	91.7	137.5
77	47.3	33.8	50.8
79	46.4	33.8	50.8

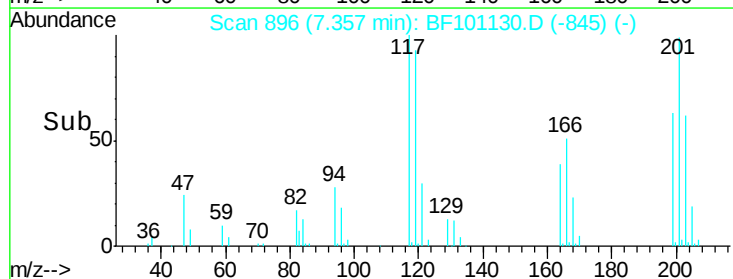
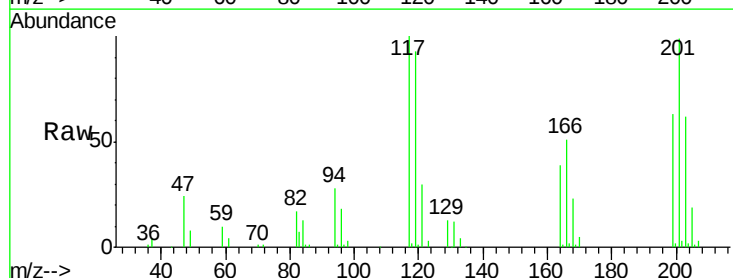
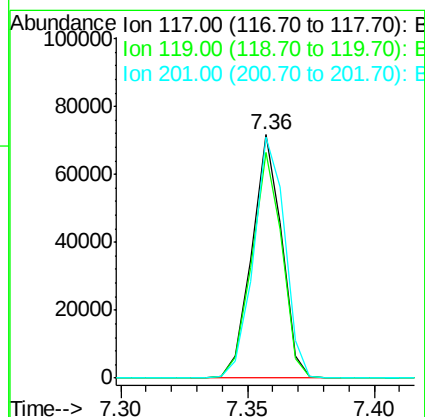
Manual Integrations
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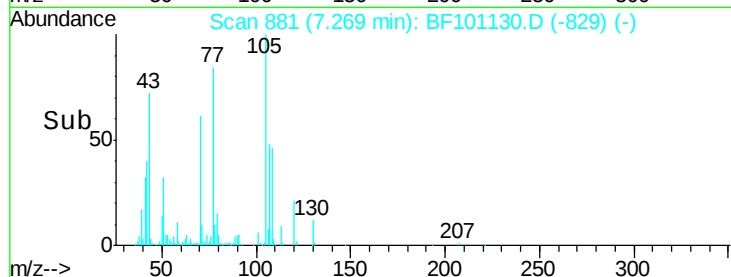
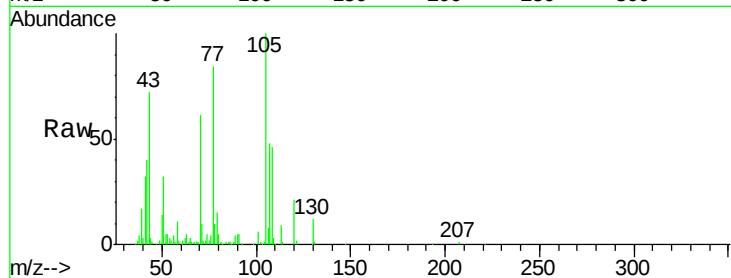
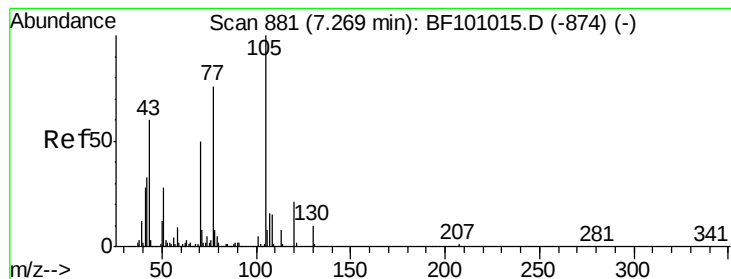
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#18
Hexachloroethane
Concen: 44.111 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.8	75.8	113.8
201	99.2	75.7	113.5





#19

n-Nitroso-di-n-propylamine

Concen: 42.883 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.01 min

Lab File: BF101130.D

Acq: 5 Dec 2017 17:54

Instrument :

BNA_F

ClientSampleId :

ENV-105-6(0-5)MSD

Tot Ion: 70 Resp: 110471

Ion Ratio Lower Upper

70 100

42 66.0 47.5 71.3

101 9.2 7.4 11.2

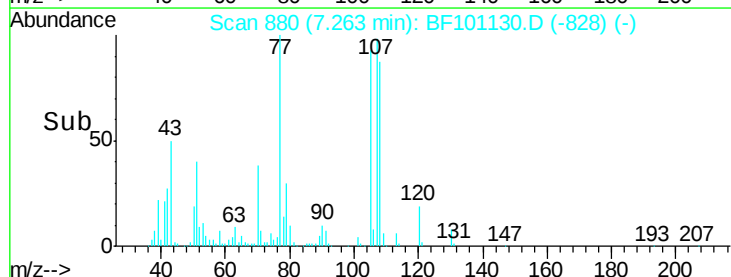
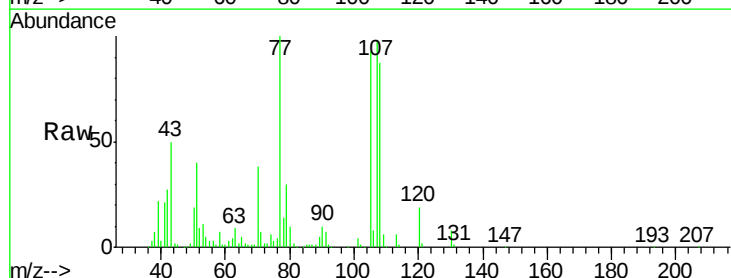
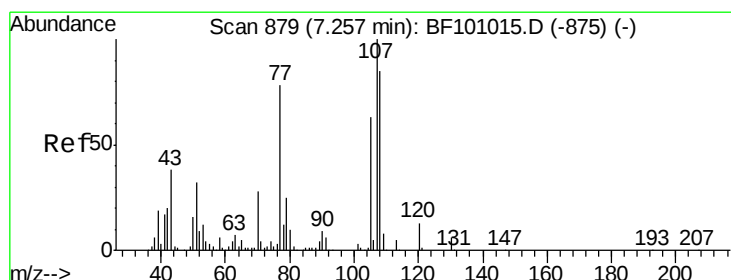
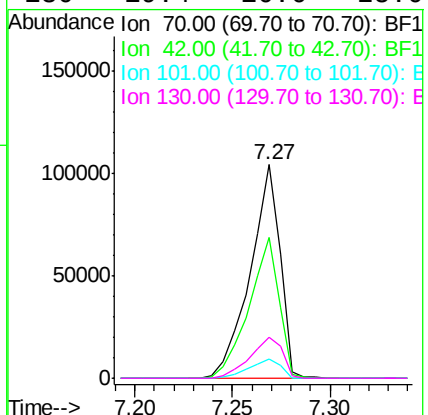
130 19.4 16.6 25.0

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#20

3+4-Methylphenols

Concen: 45.161 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.01 min

Lab File: BF101130.D

Acq: 5 Dec 2017 17:54

Tgt Ion: 107 Resp: 163372

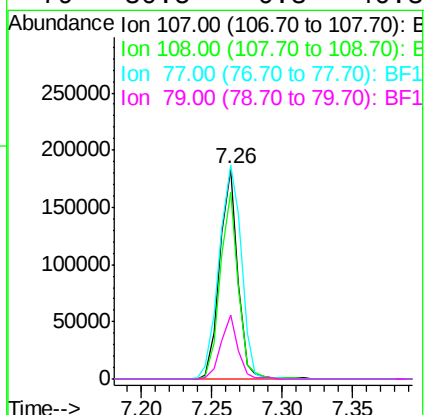
Ion Ratio Lower Upper

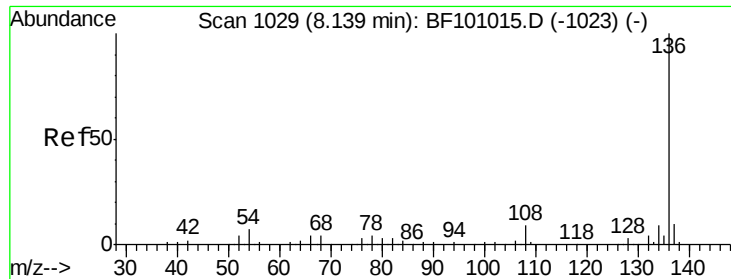
107 100

108 88.7 68.2 108.2

77 101.6 26.7 66.7#

79 30.5 6.3 46.3





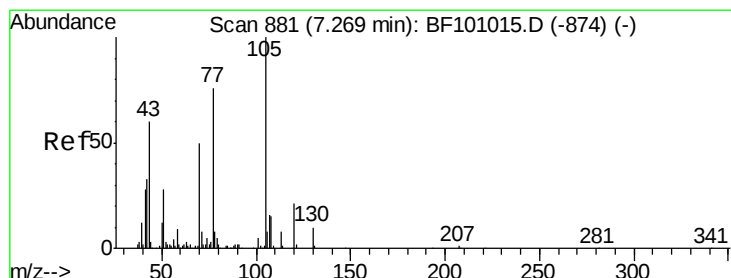
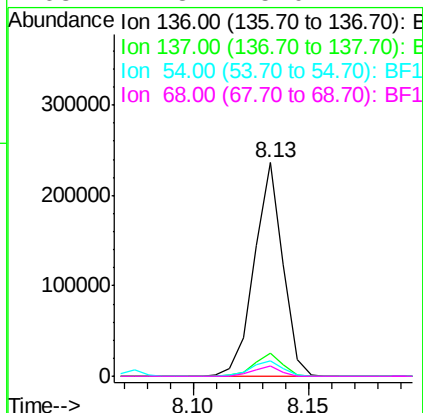
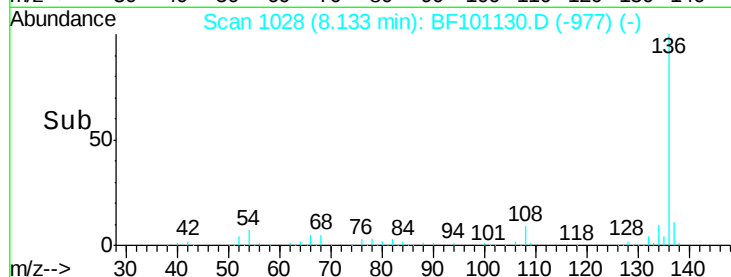
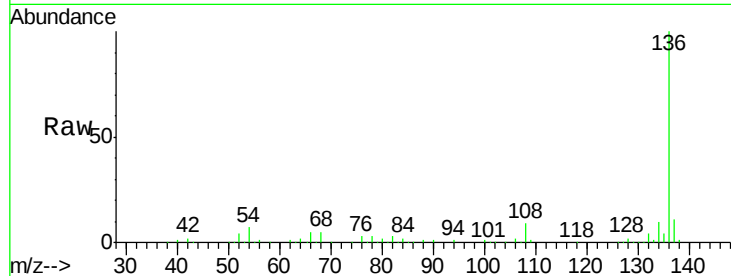
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
ENV-105-6(0-5)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		202779		
137	10.9		8.9	13.3	
54	7.4		6.6	9.8	
68	4.8		5.0	7.4#	

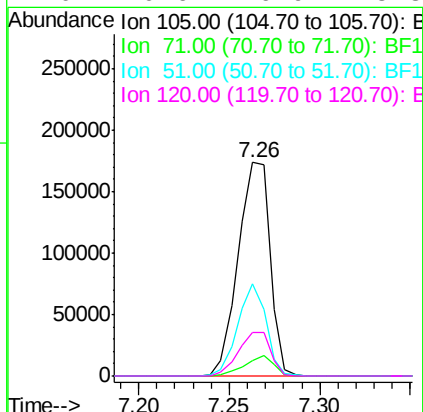
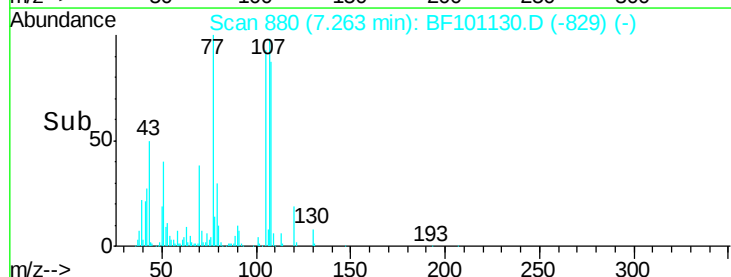
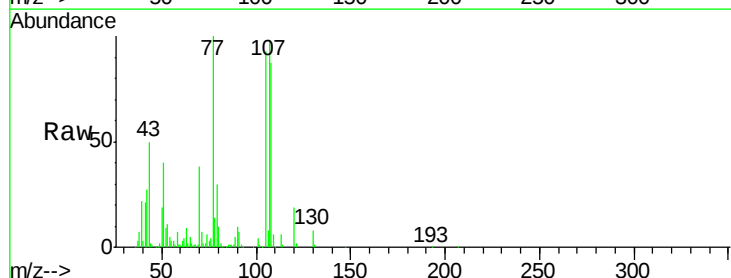
Manual Integrations
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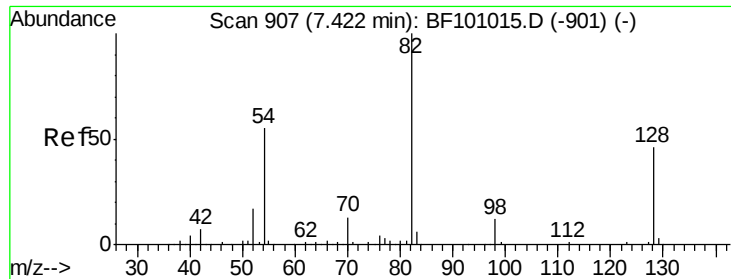
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#22
Acetophenone
Concen: 43.518 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		213197		
71	7.3		4.4	6.6#	
51	43.3		22.3	33.5#	
120	20.6		16.9	25.3	





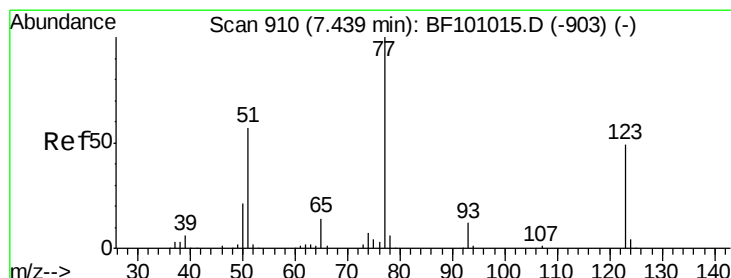
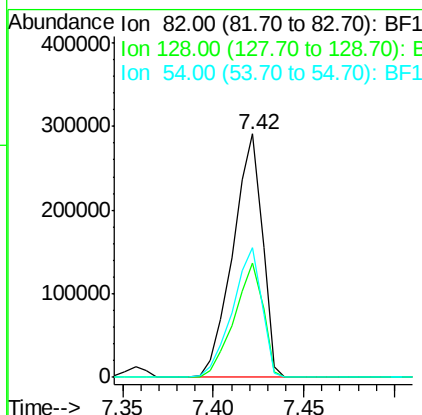
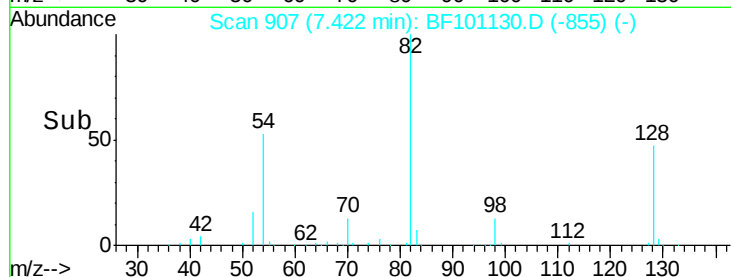
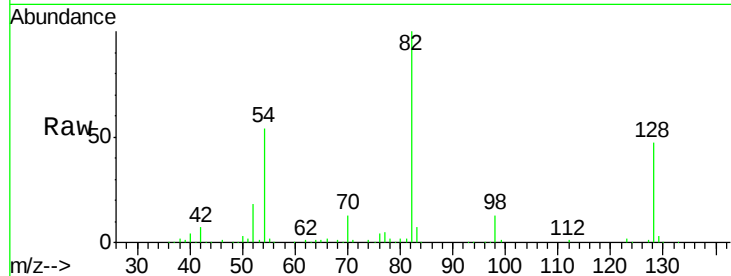
#23
Nitrobenzene-d5
Concen: 96.813 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
ENV-105-6(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	329096		
128	46.7	36.1	54.1	
54	53.5	41.4	62.2	

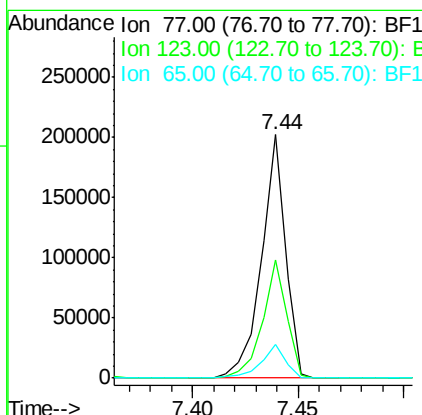
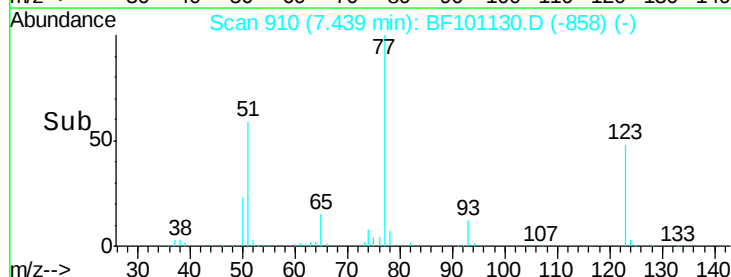
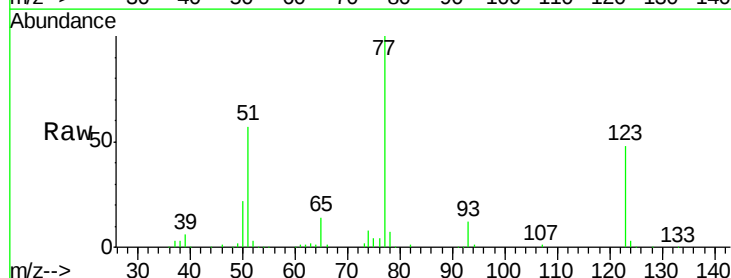
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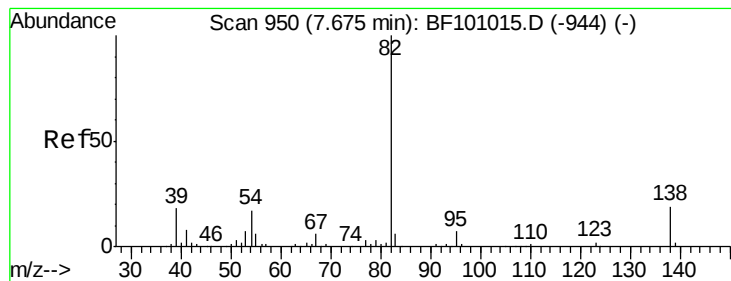
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#24
Nitrobenzene
Concen: 48.459 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.01 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	161445		
123	48.3	37.9	56.9	
65	13.8	11.0	16.4	





#25

Isophorone

Concen: 50.502 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF101130.D

Acq: 5 Dec 2017 17:54

Instrument :

BNA_F

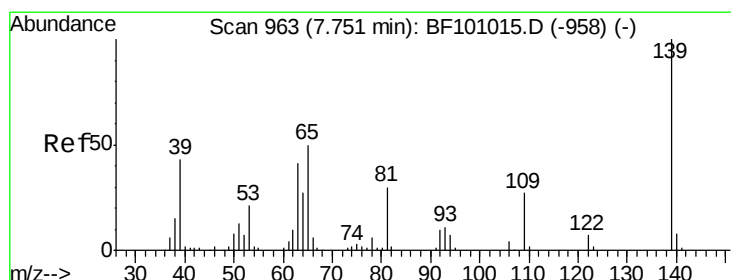
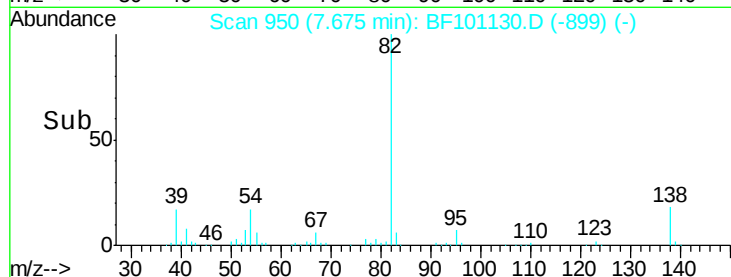
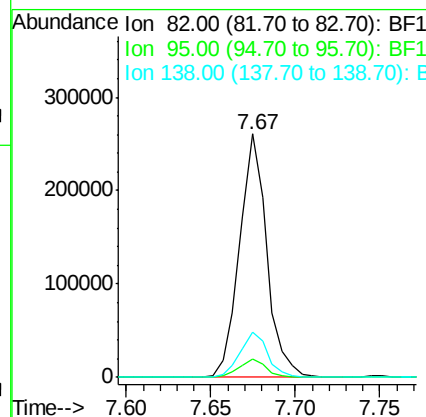
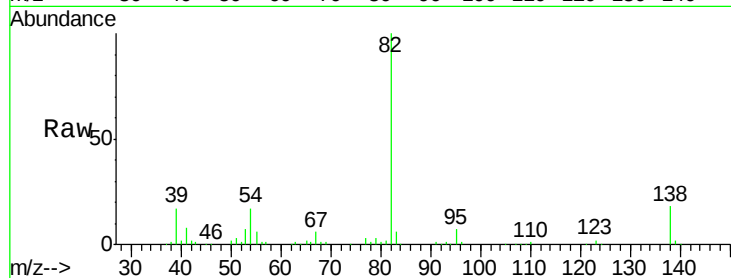
ClientSampleId :

ENV-105-6(0-5)MSD

Tot Ion:	82	Resp:	293234
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.2	7.8
138	18.4	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.619 ng

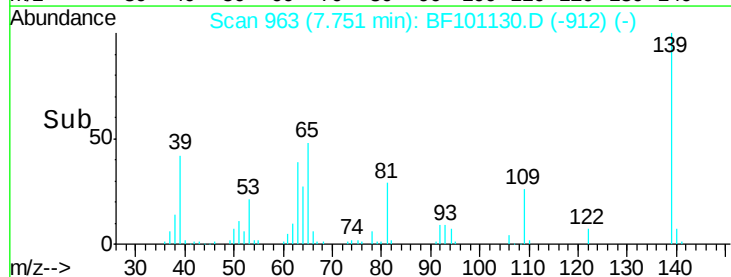
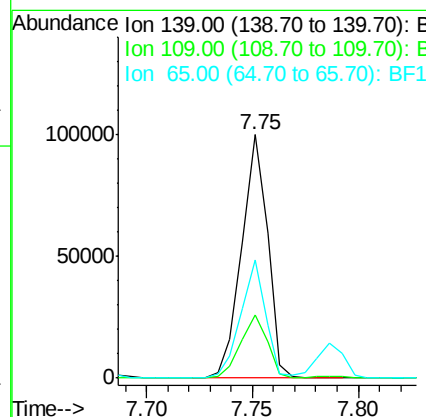
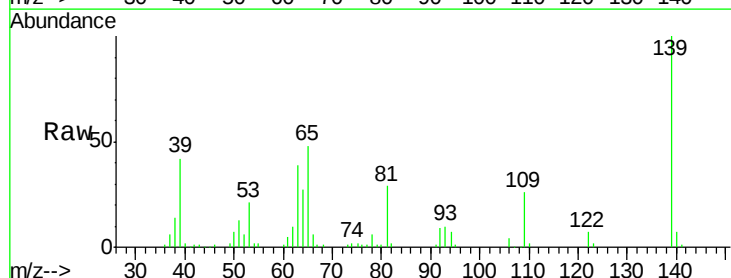
RT: 7.75 min Scan# 963

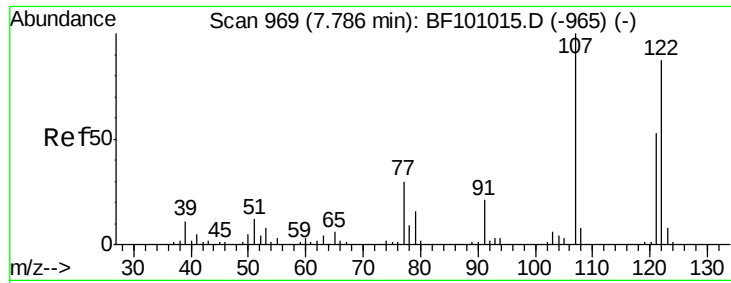
Delta R.T. 0.00 min

Lab File: BF101130.D

Acq: 5 Dec 2017 17:54

Tgt Ion:	139	Resp:	85260
Ion Ratio	Lower	Upper	
139	100		
109	26.1	22.7	34.1
65	48.4	40.5	60.7





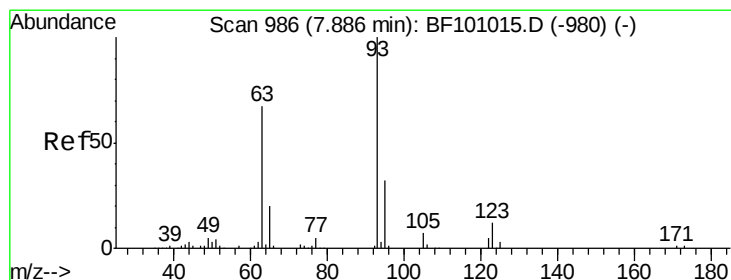
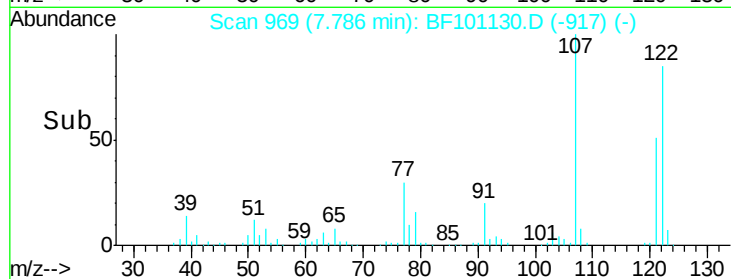
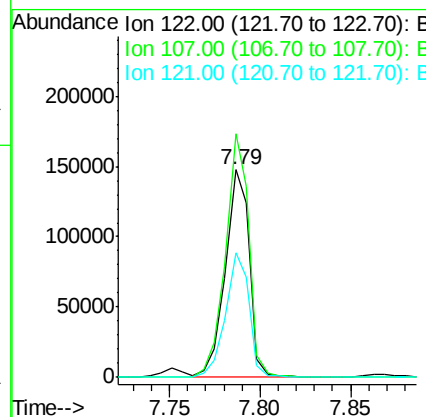
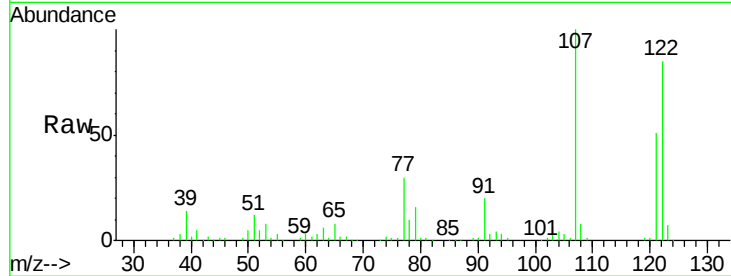
#27
 2,4-Dimethylphenol
 Concen: 51.531 ng
 RT: 7.79 min Scan# 969
 Delta R.T. 0.01 min
 Lab File: BF101130.D
 Acq: 5 Dec 2017 17:54

Instrument :
 BNA_F
 ClientSampleId :
 ENV-105-6(0-5)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		136331		
107	117.2	91.2	136.8		
121	59.9	47.2	70.8		

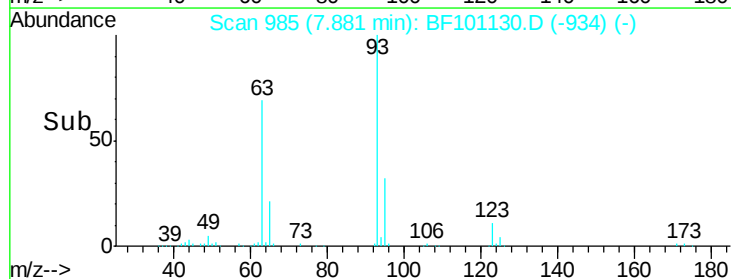
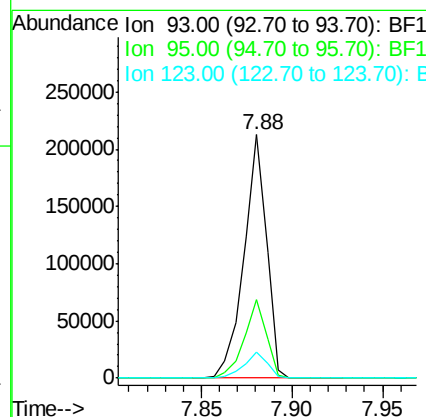
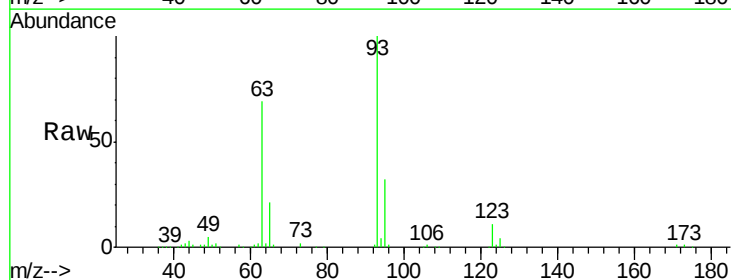
Manual Integrations
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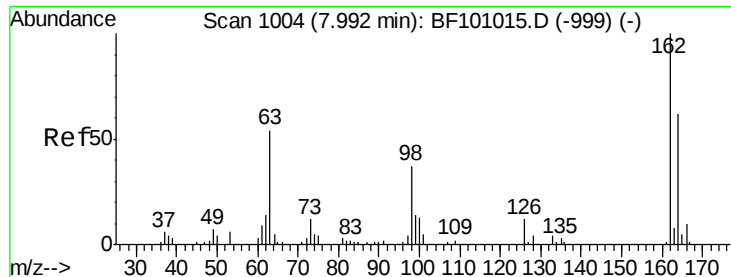
Sohil
 12/6/2017 5:12:28 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.942 ng
 RT: 7.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF101130.D
 Acq: 5 Dec 2017 17:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		183190		
95	32.5	26.3	39.5		
123	10.9	9.8	14.6		





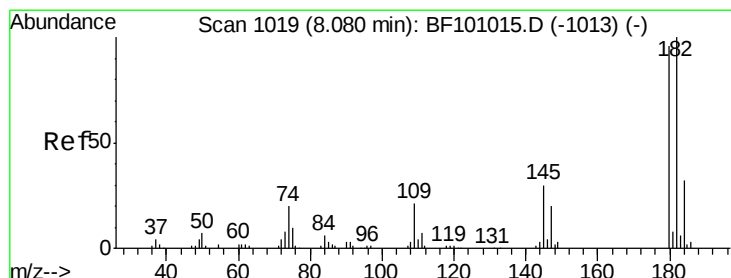
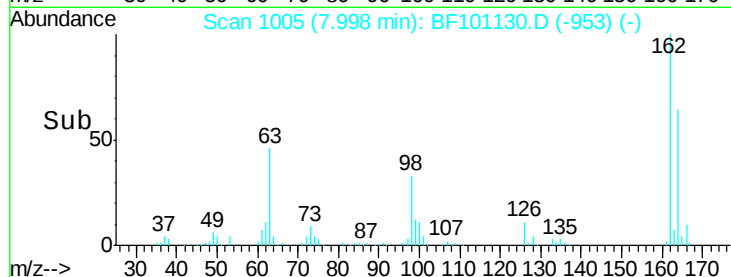
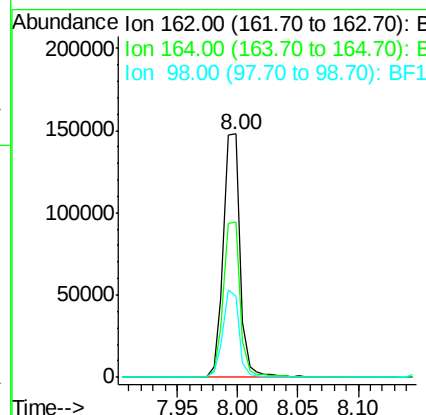
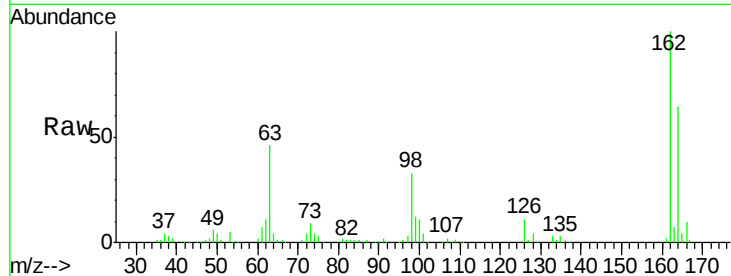
#29
2,4-Dichlorophenol
Concen: 49.342 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
ENV-105-6(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	142093		
164	63.9	42.7	82.7	
98	33.4	18.1	58.1	

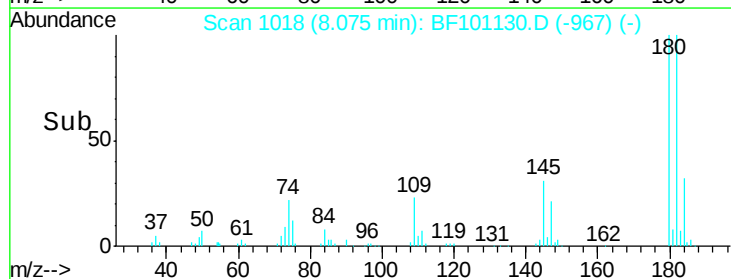
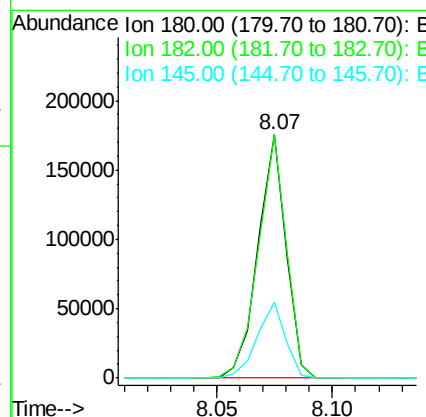
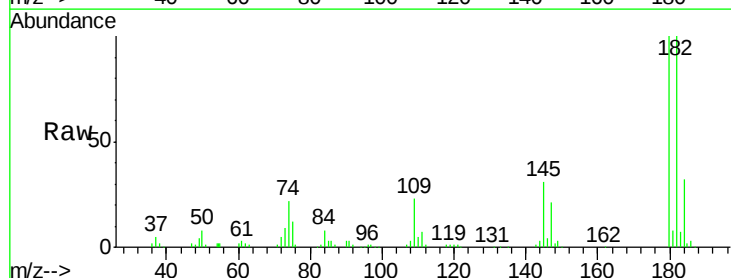
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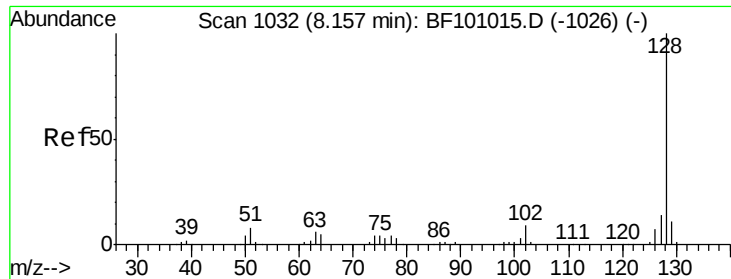
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#30
1,2,4-Trichlorobenzene
Concen: 47.379 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	150029		
182	100.0	76.8	115.2	
145	31.3	26.5	39.7	





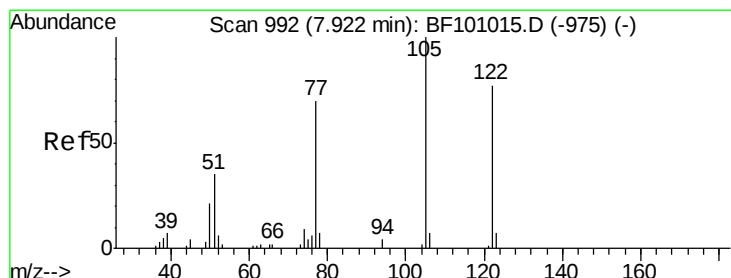
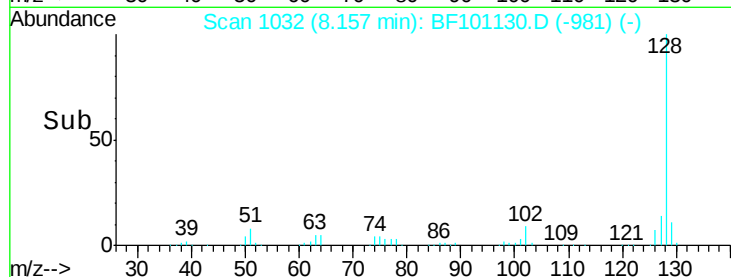
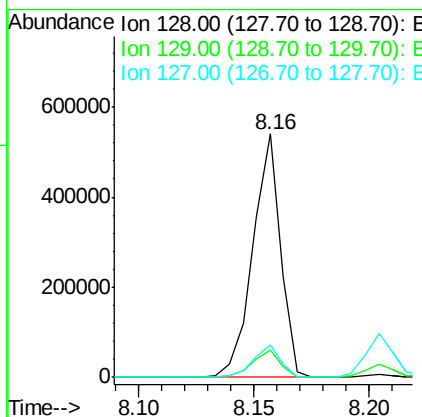
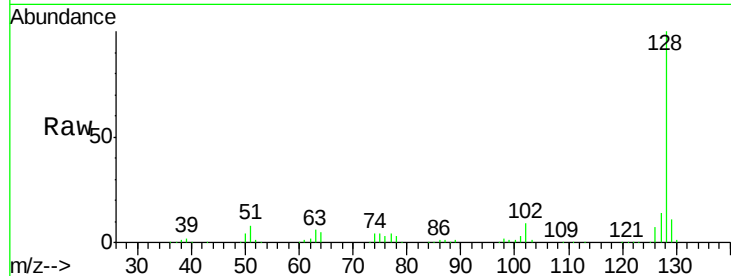
#31
Naphthalene
Concen: 45.488 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
ENV-105-6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.5	10.9	16.3

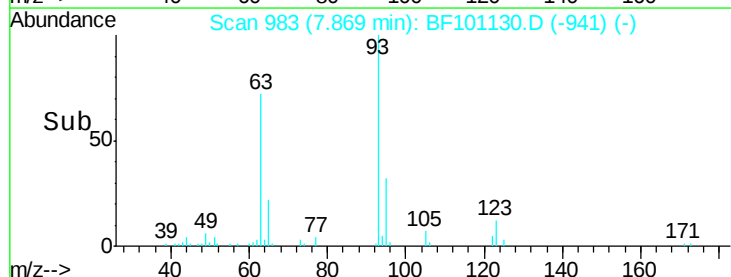
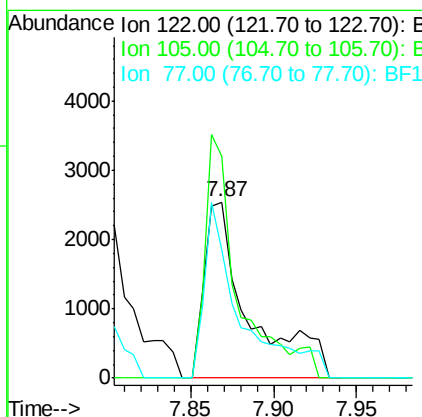
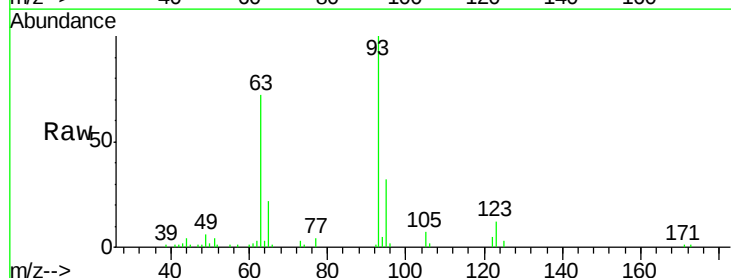
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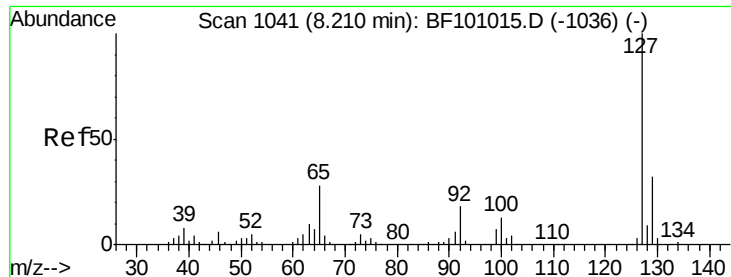
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#32
Benzoic acid
Concen: 2.326 ng m
RT: 7.87 min Scan# 983
Delta R.T. -0.05 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.0	101.1	141.1
77	72.7	70.7	110.7





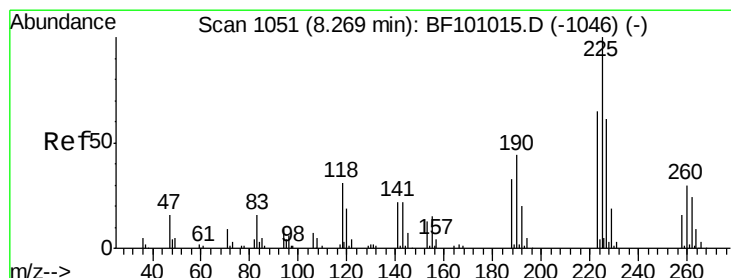
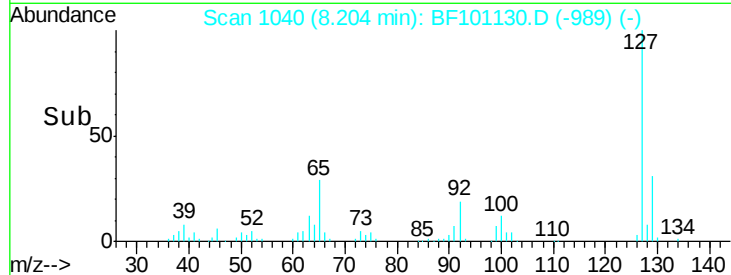
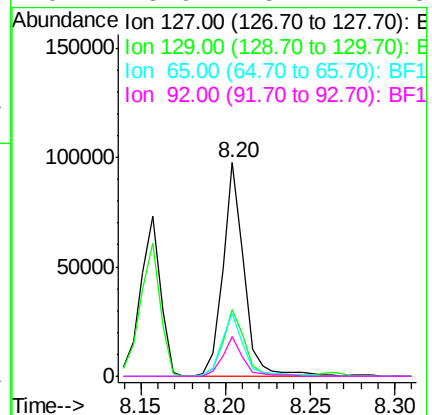
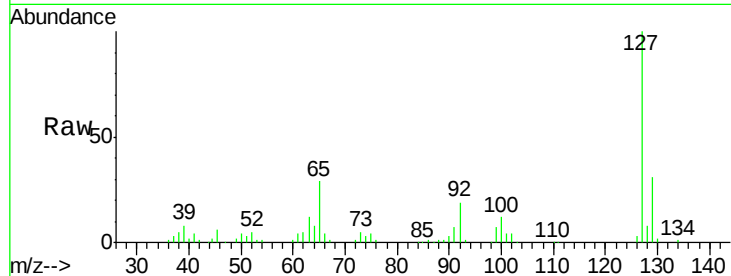
#33
4-Chloroaniline
Concen: 21.329 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
ENV-105-6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.9	38.9
65	29.1	25.0	37.4
92	18.9	15.2	22.8

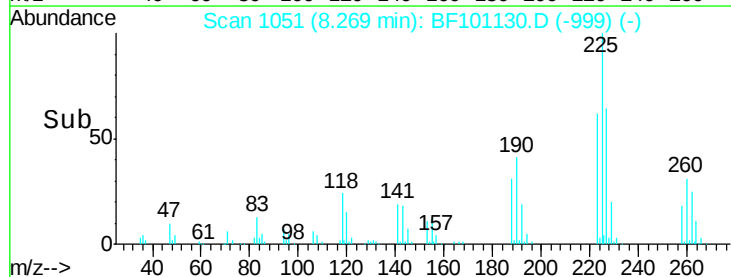
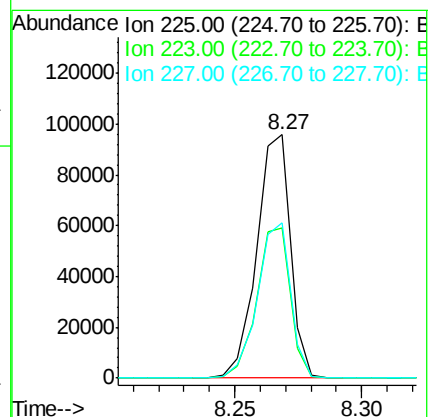
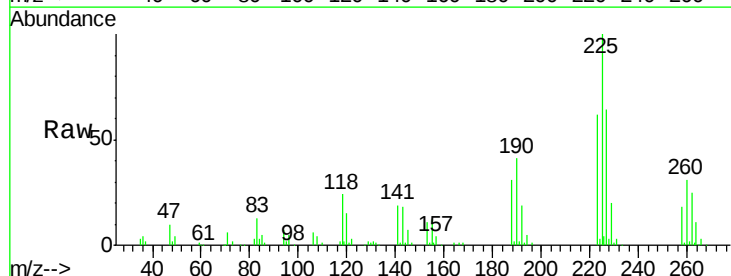
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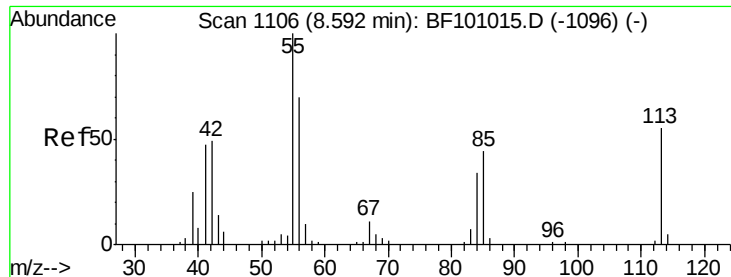
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#34
Hexachlorobutadiene
Concen: 45.880 ng
RT: 8.27 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.6	76.0
227	63.5	51.9	77.9





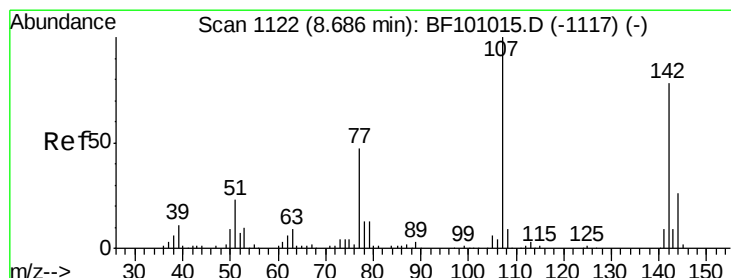
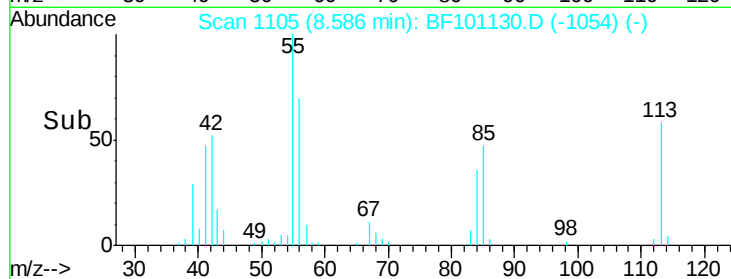
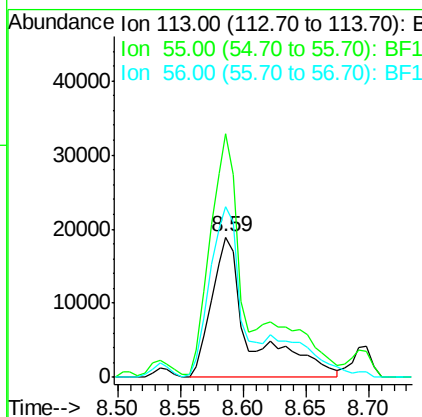
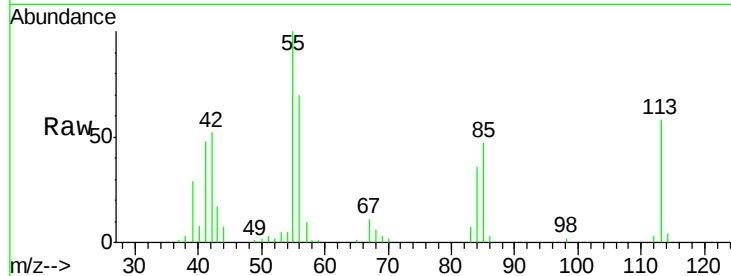
#35
Caprolactam
Concen: 45.143 ng/ml
RT: 8.59 min Scan# 1105
Delta R.T. 0.00 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
ENV-105-6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	173.3	163.3	203.3
56	121.6	115.7	155.7

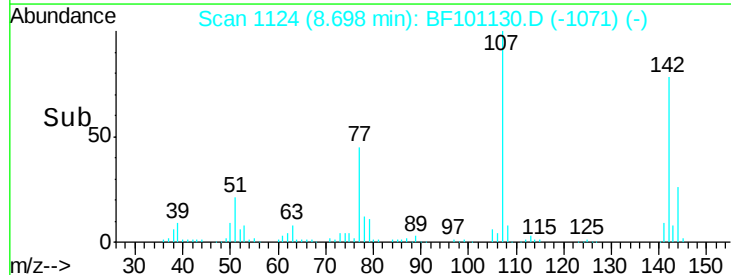
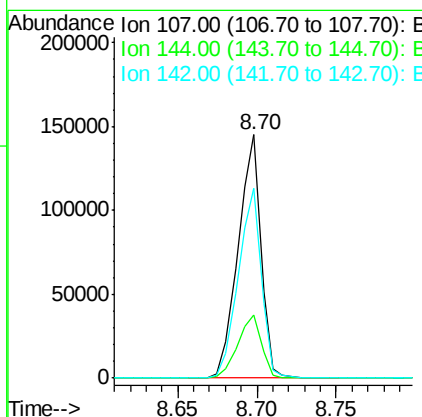
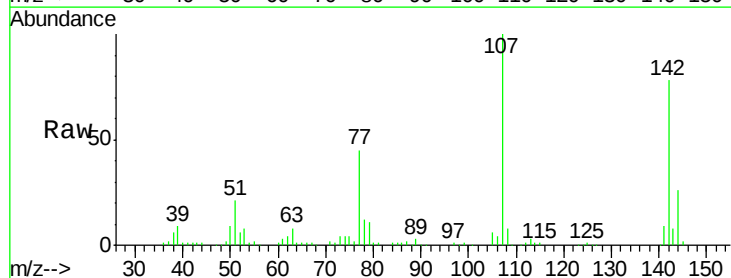
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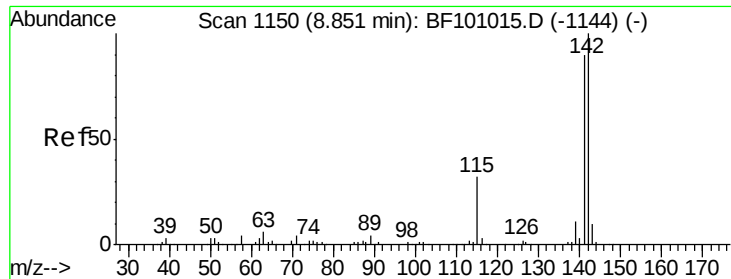
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#36
4-Chloro-3-methylphenol
Concen: 48.592 ng/ml
RT: 8.70 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	20.5	30.7
142	78.2	62.0	93.0





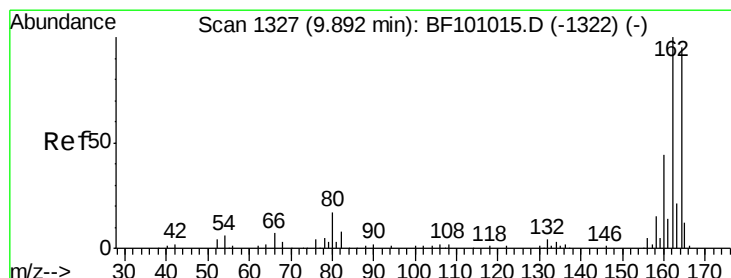
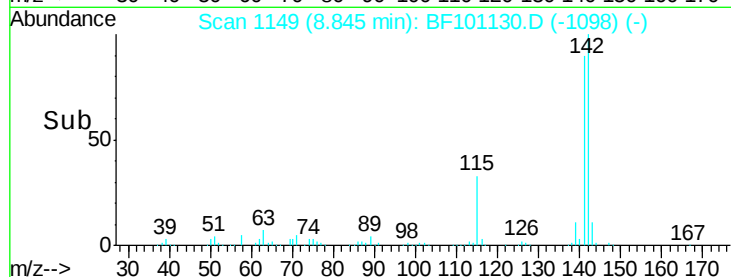
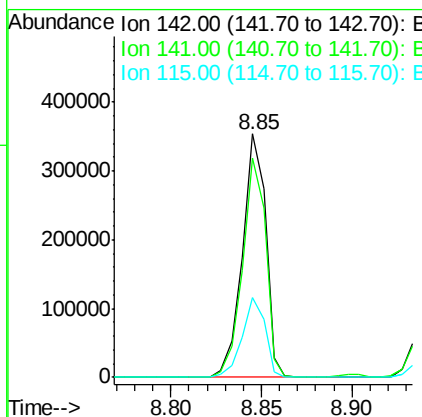
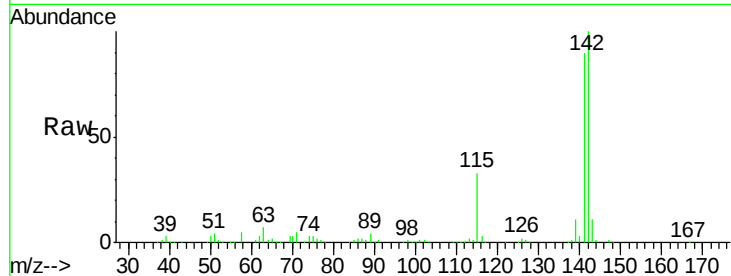
#37
2-Methylnaphthalene
Concen: 46.711 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
ENV-105-6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.8	106.2
115	33.0	26.1	39.1

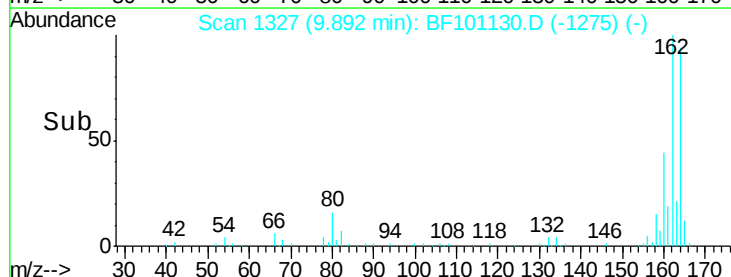
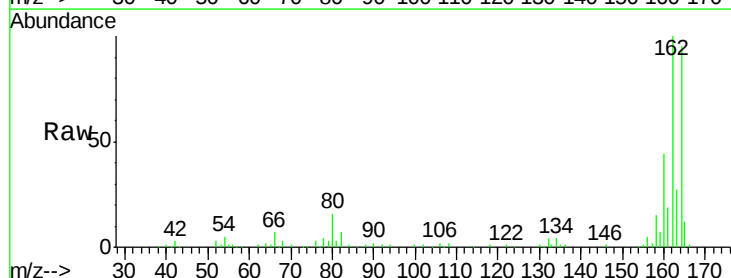
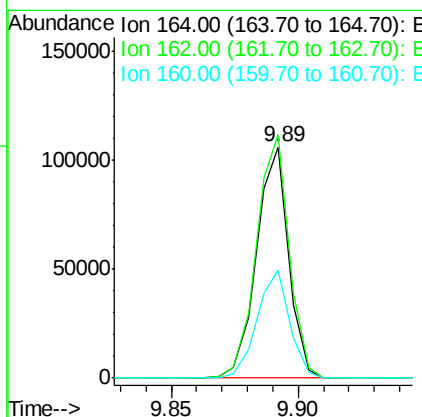
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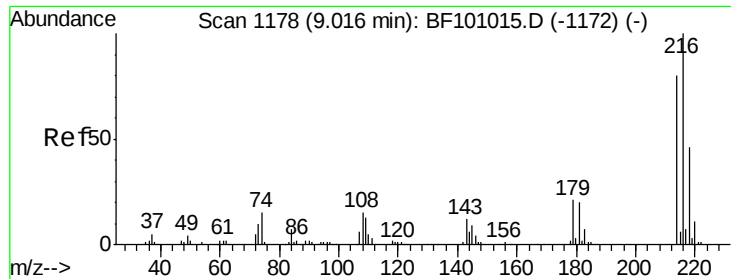
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	46.7	38.3	57.5





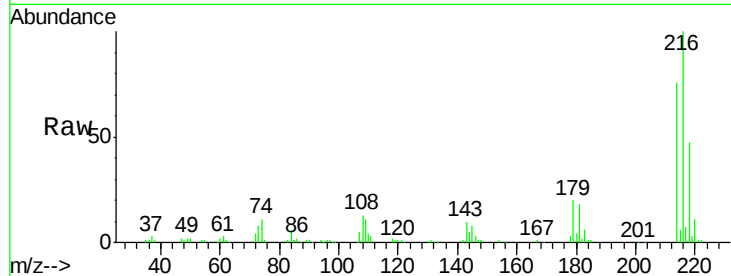
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.923 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF101130.D
 Acq: 5 Dec 2017 17:54

Instrument :
 BNA_F
 ClientSampleId :
 ENV-105-6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
216	100		
214	77.4	63.0	94.4
179	20.6	18.1	27.1
108	15.6	17.2	25.8

Manual Integrations
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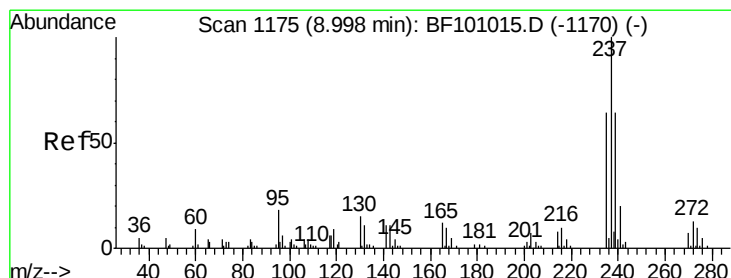
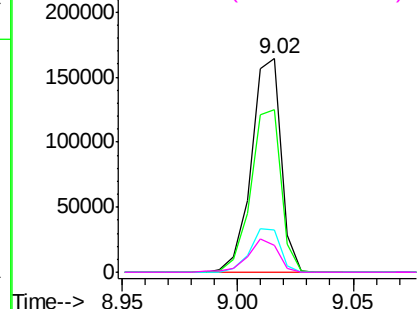
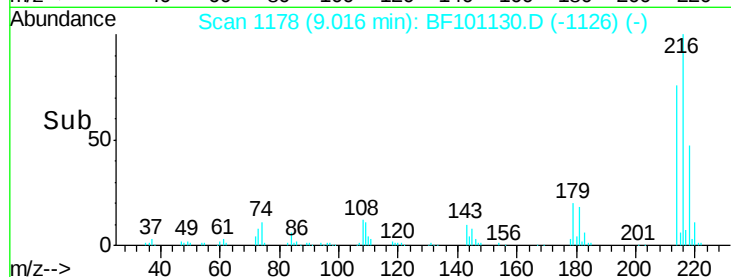
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

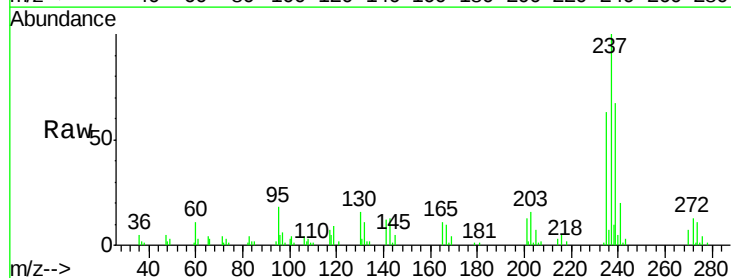
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 32.589 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF101130.D
 Acq: 5 Dec 2017 17:54

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.7	44.8	84.8
272	12.8	0.0	33.3

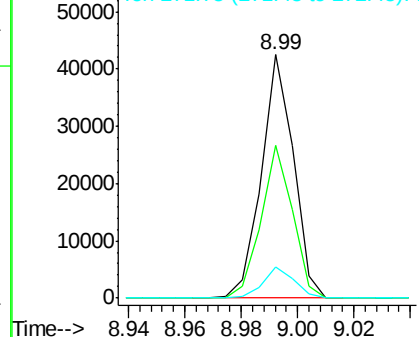
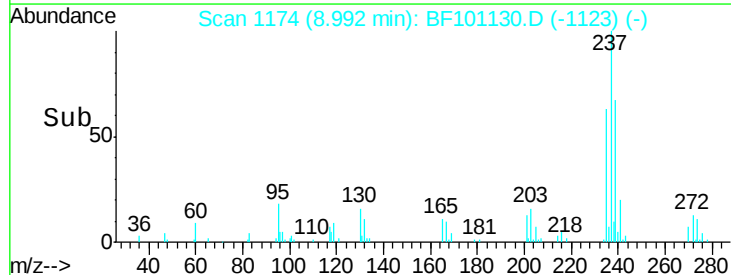


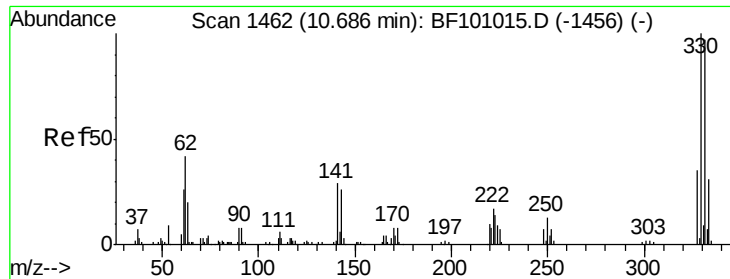
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 125.464 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.01 min

Lab File: BF101130.D

Acq: 5 Dec 2017 17:54

Instrument :

BNA_F

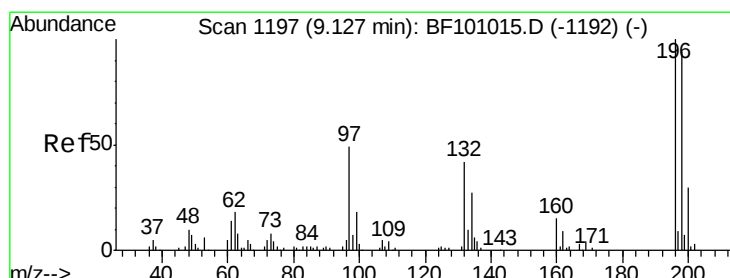
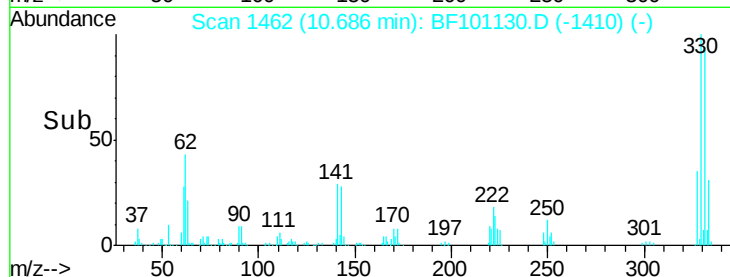
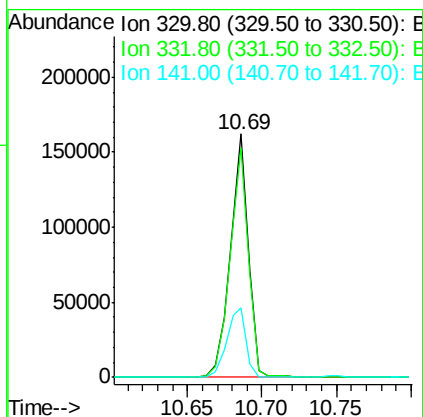
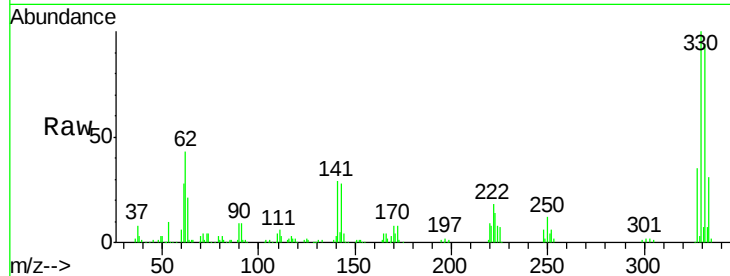
ClientSampleId :

ENV-105-6(0-5)MSD

Tot Ion:	330	Resp:	140059
Ion Ratio	Lower	Upper	
330	100		
332	95.3	77.0	115.6
141	30.3	29.9	44.9

Manual Integrations
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#42

2,4,6-Trichlorophenol

Concen: 50.719 ng

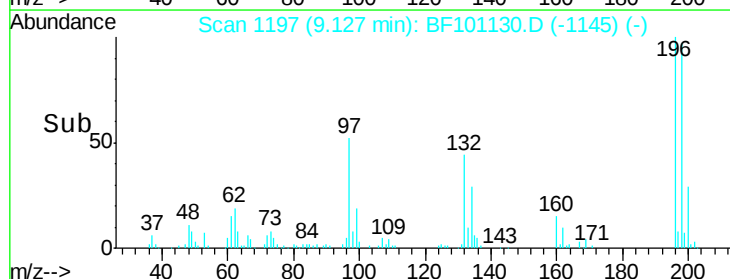
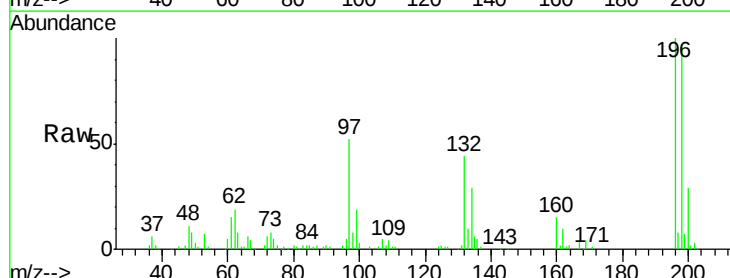
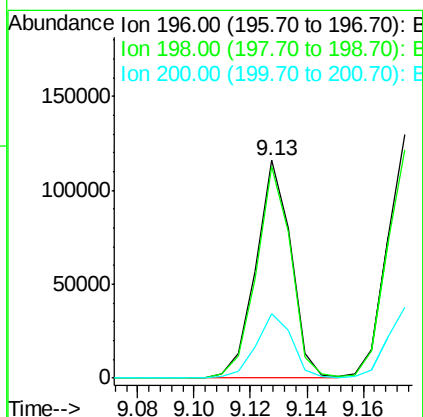
RT: 9.13 min Scan# 1197

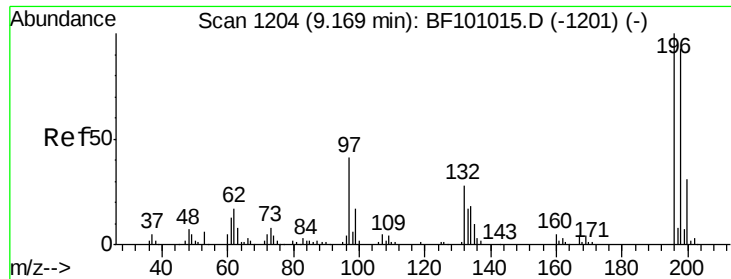
Delta R.T. 0.01 min

Lab File: BF101130.D

Acq: 5 Dec 2017 17:54

Tgt Ion:	196	Resp:	100372
Ion Ratio	Lower	Upper	
196	100		
198	96.9	75.7	113.5
200	29.4	24.5	36.7





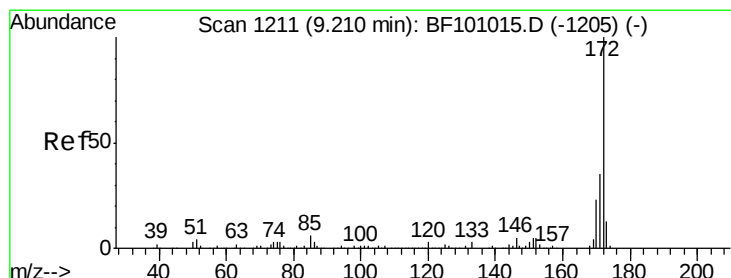
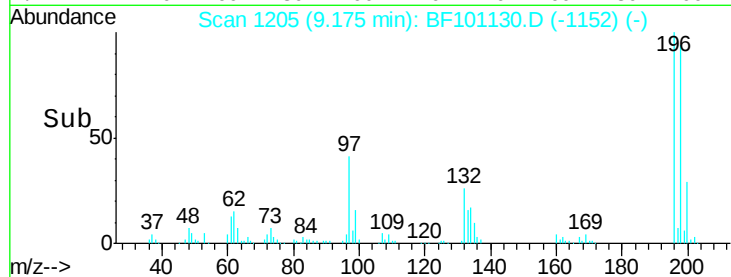
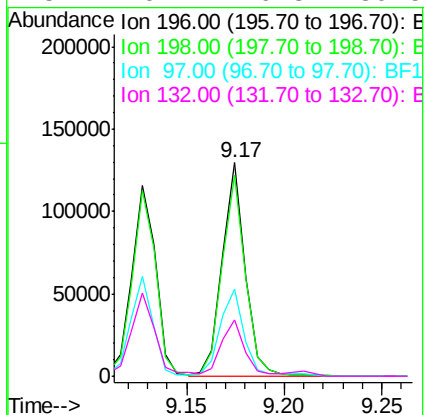
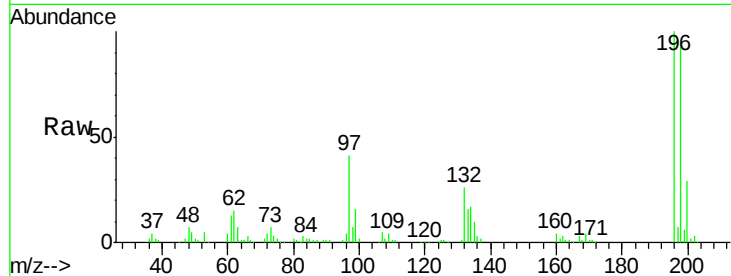
#43
 2,4,5-Trichlorophenol
 Concen: 50.346 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF101130.D
 Acq: 5 Dec 2017 17:54

Instrument :
 BNA_F
 ClientSampleId :
 ENV-105-6(0-5)MSD

Tot Ion	Ratio	Resp Lower	Upper
196	100		
198	93.8	74.6	112.0
97	40.8	42.9	64.3#
132	26.4	26.3	39.5

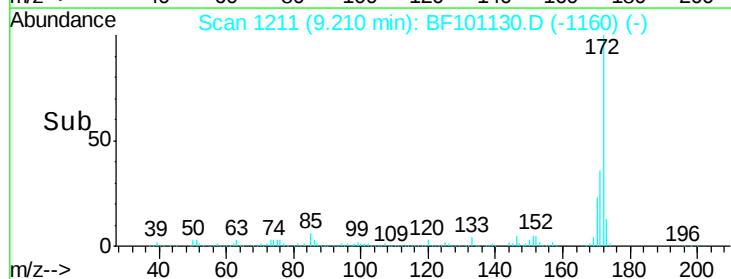
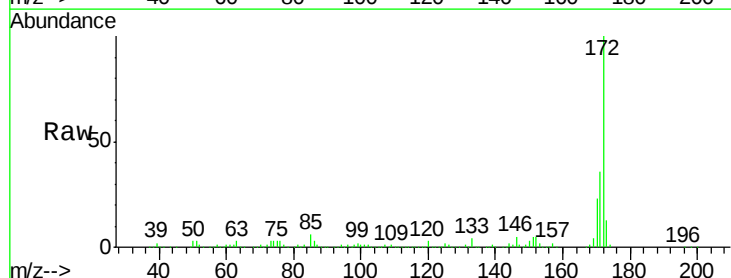
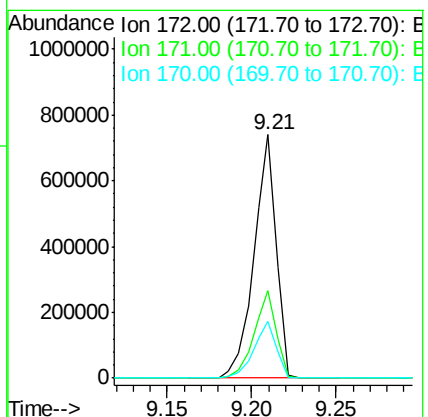
Manual Integrations
 APPROVED

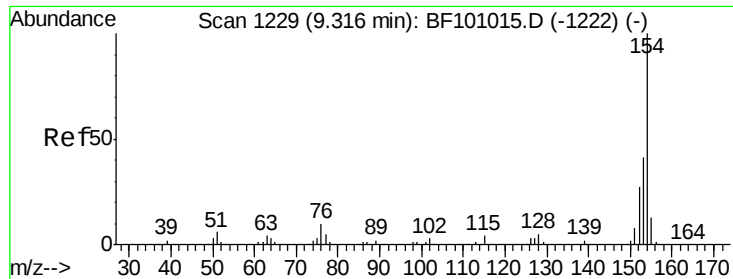
Sohil
 12/6/2017 5:12:28 PM



#44
 2-Fluorobiphenyl
 Concen: 99.776 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF101130.D
 Acq: 5 Dec 2017 17:54

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.3	19.6	29.4





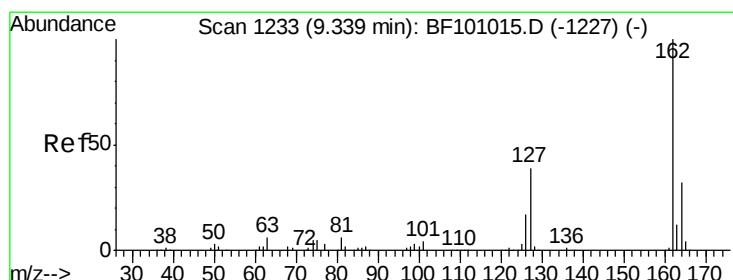
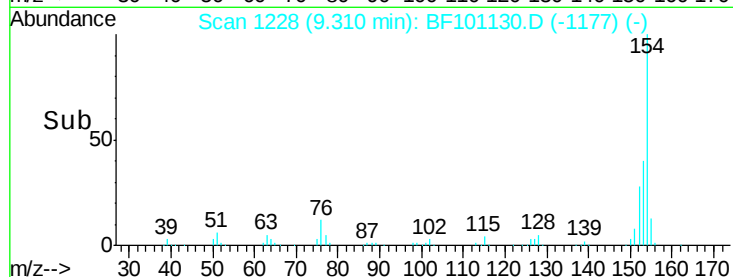
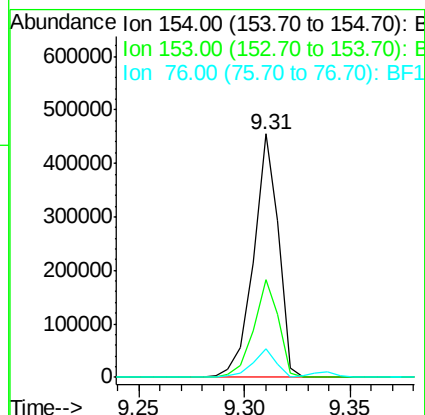
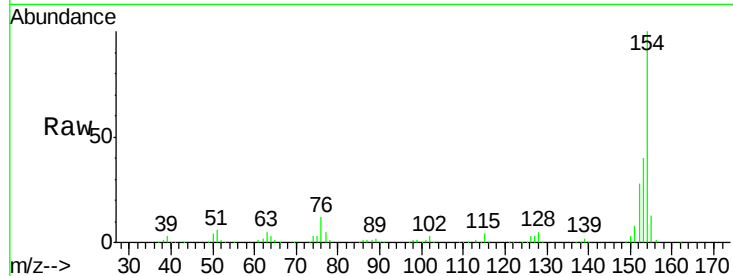
#45
1,1'-Biphenyl
Concen: 43.661 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
ENV-105-6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.3	61.3
76	11.8	0.0	34.0

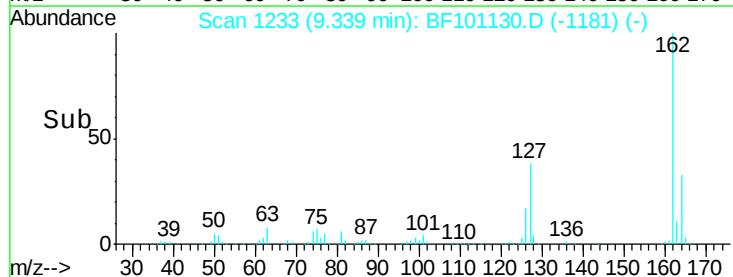
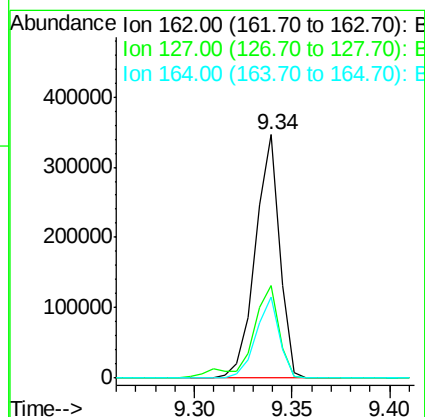
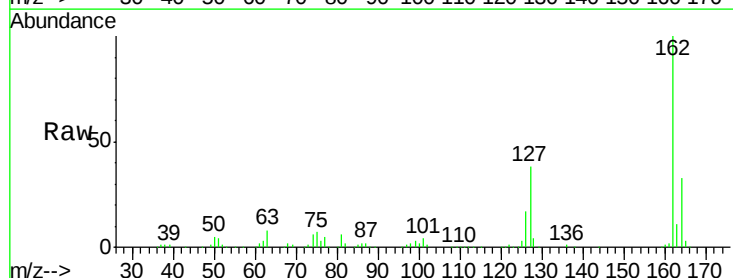
Manual Integrations
APPROVED

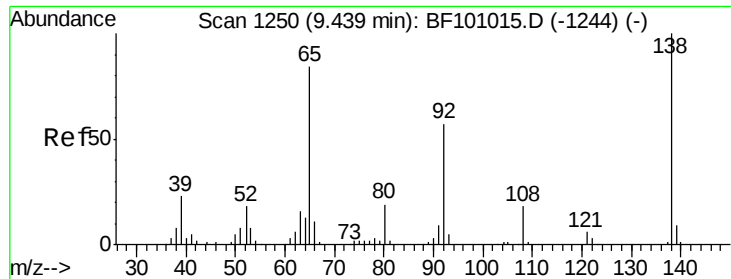
Sohil
12/6/2017 5:12:28 PM



#46
2-Chloronaphthalene
Concen: 49.261 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.01 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.2	33.9	50.9
164	33.4	26.5	39.7





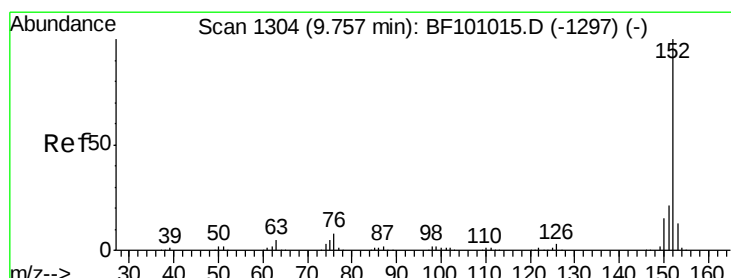
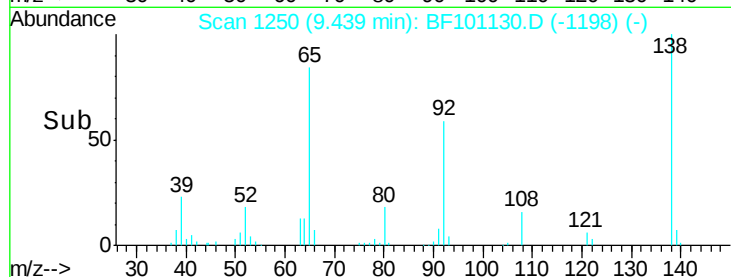
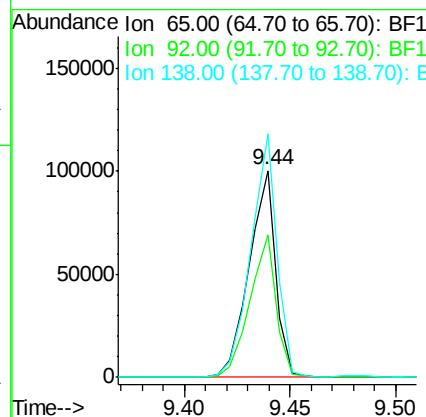
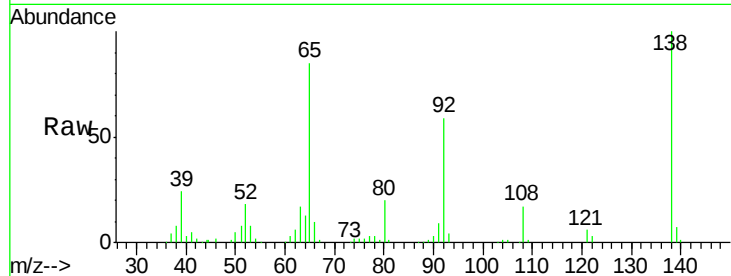
#47
 2-Nitroaniline
 Concen: 49.070 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.01 min
 Lab File: BF101130.D
 Acq: 5 Dec 2017 17:54

Instrument :
 BNA_F
 ClientSampleId :
 ENV-105-6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.0	55.8	83.6
138	117.9	91.2	136.8

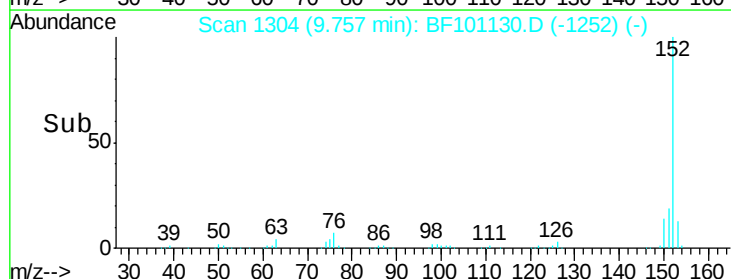
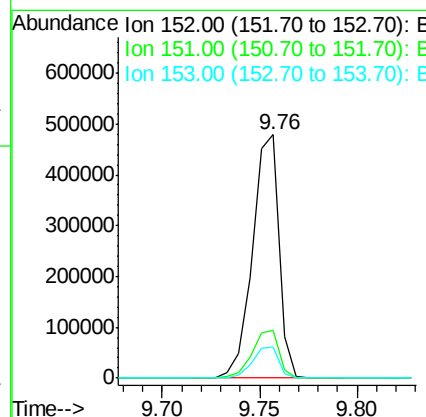
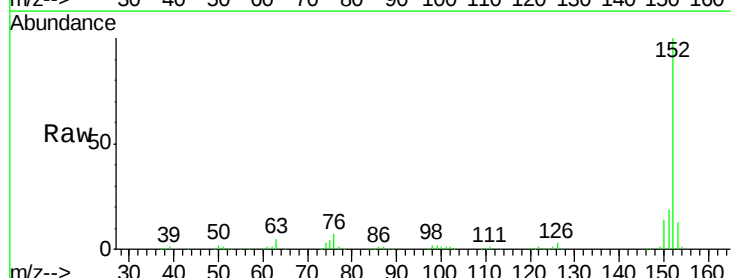
Manual Integrations
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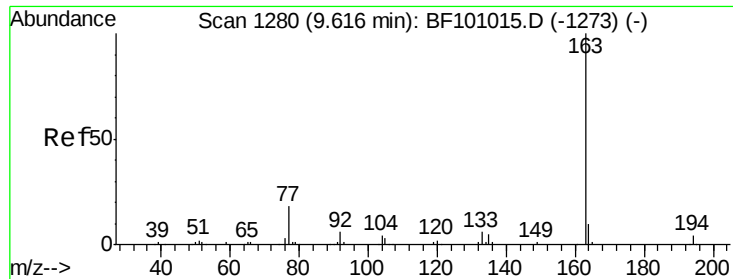
Sohil
 12/6/2017 5:12:28 PM



#48
 Acenaphthylene
 Concen: 45.371 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.01 min
 Lab File: BF101130.D
 Acq: 5 Dec 2017 17:54

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.3	24.5
153	12.5	10.7	16.1





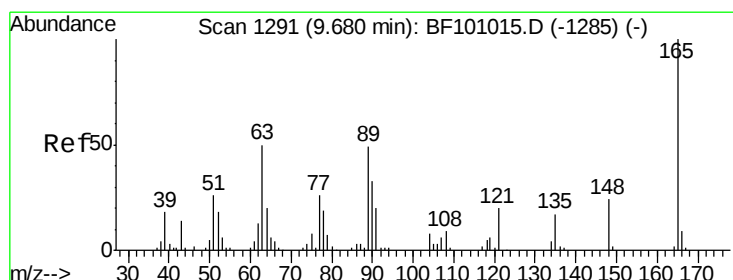
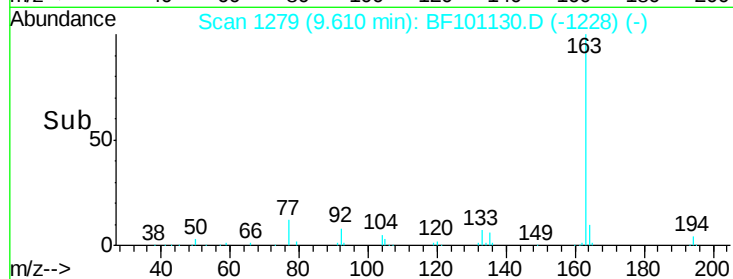
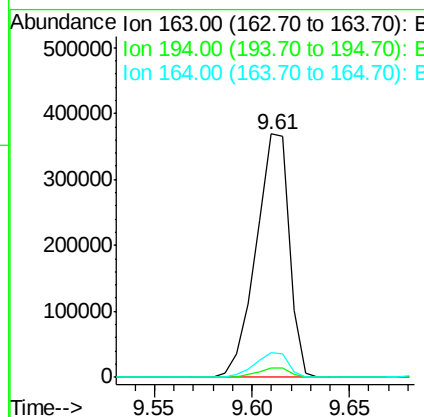
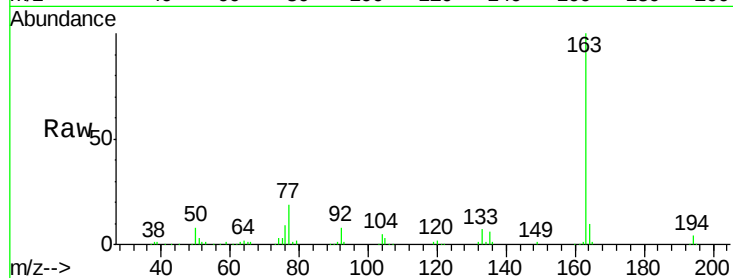
#49
Dimethylphthalate
Concen: 58.293 ng
RT: 9.61 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
ENV-105-6(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.6	2.7	4.1	
164	10.4	8.2	12.2	

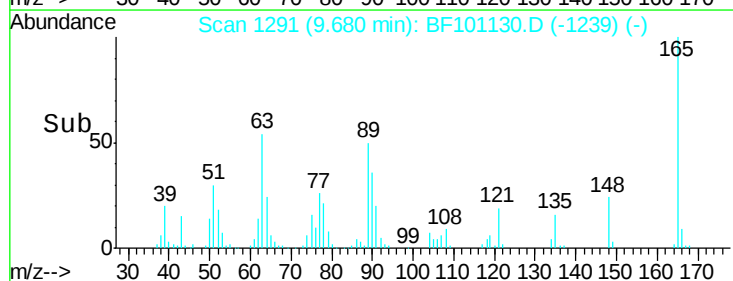
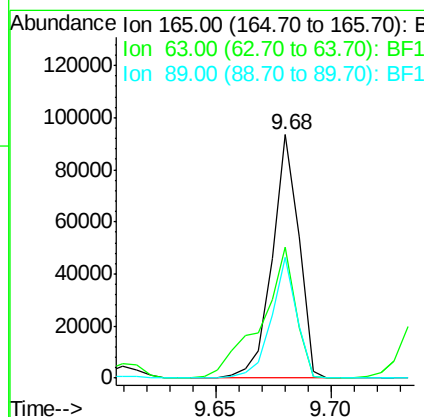
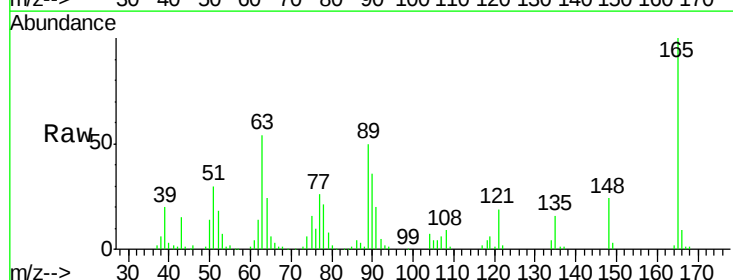
Manual Integrations
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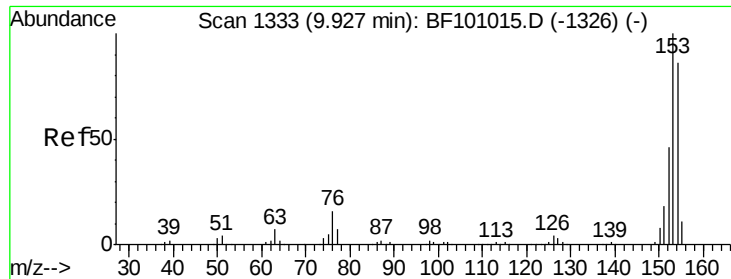
Sohil
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#50
2,6-Dinitrotoluene
Concen: 47.313 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	53.6	44.7	67.1	
89	49.8	44.0	66.0	





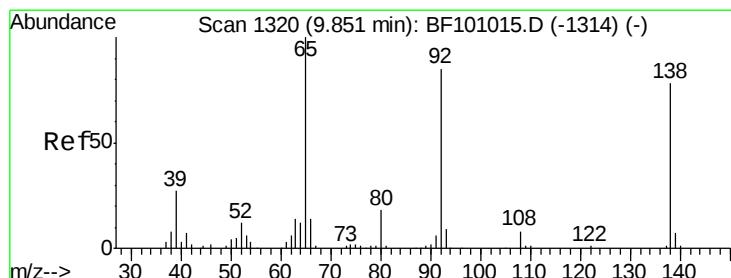
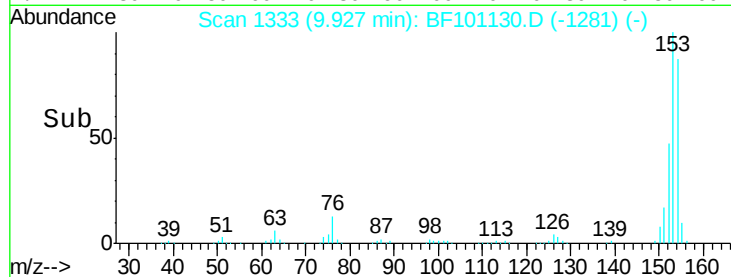
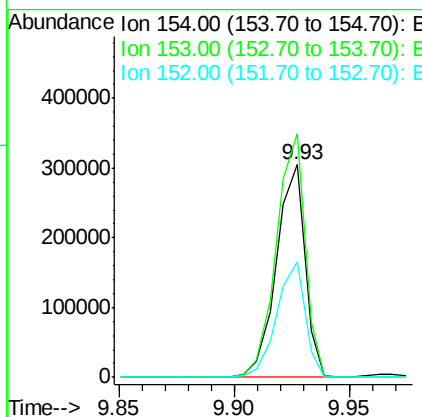
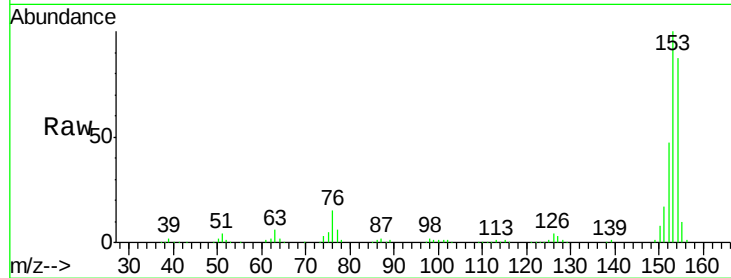
#51
Acenaphthene
Concen: 44.024 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
ENV-105-6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.7	91.2	136.8
152	54.4	43.8	65.8

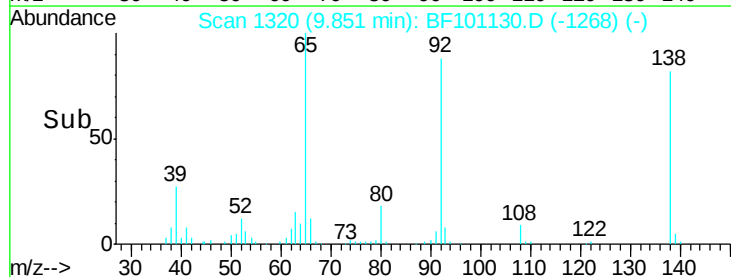
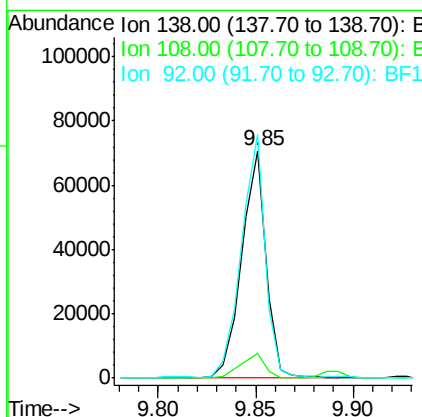
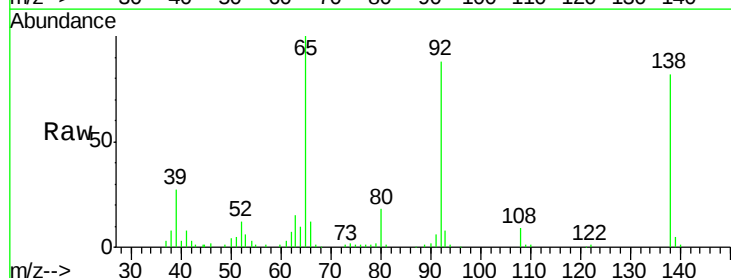
Manual Integrations
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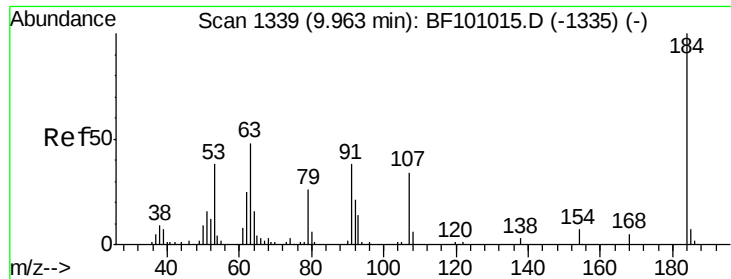
Sohil
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#52
3-Nitroaniline
Concen: 34.549 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.4	14.0
92	107.0	89.4	134.2





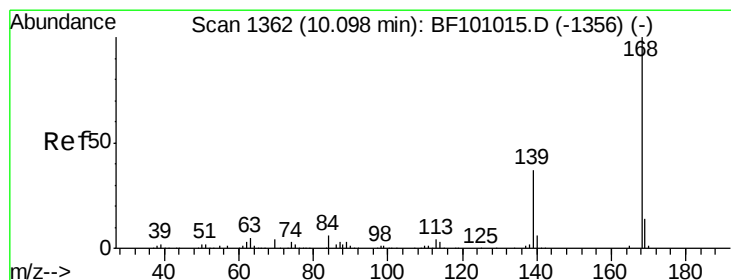
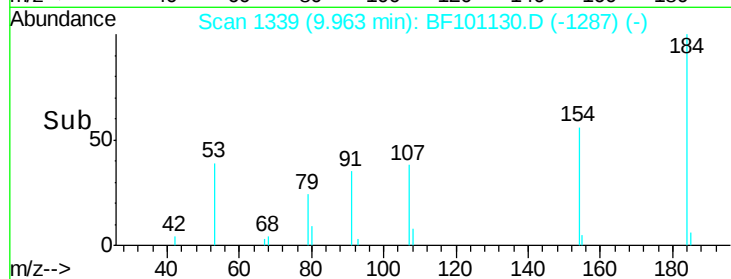
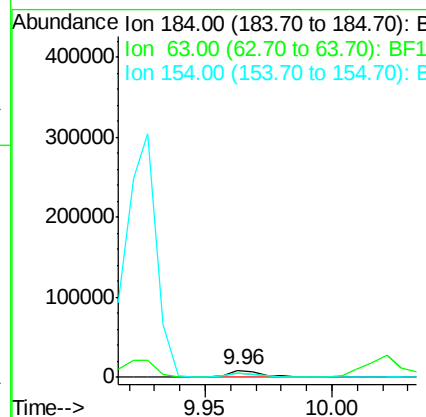
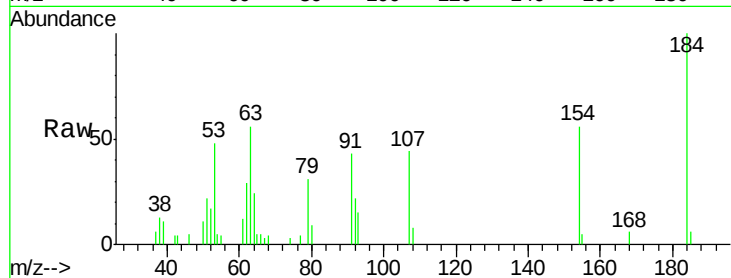
#53
 2,4-Dinitrophenol
 Concen: 15.472 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.01 min
 Lab File: BF101130.D
 Acq: 5 Dec 2017 17:54

Instrument :
 BNA_F
 ClientSampleId :
 ENV-105-6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	55.8	54.2	81.2
154	55.7	184.0	276.0#

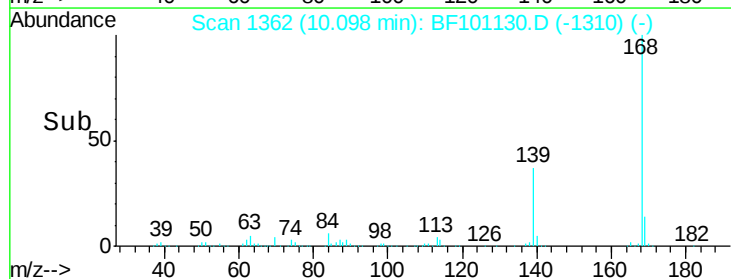
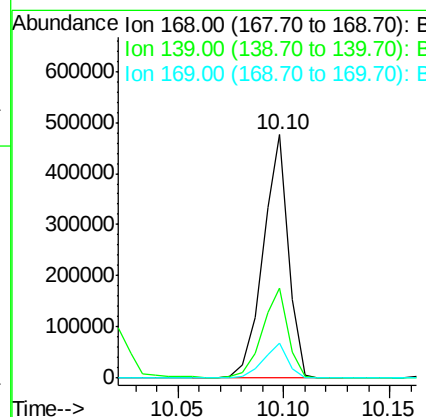
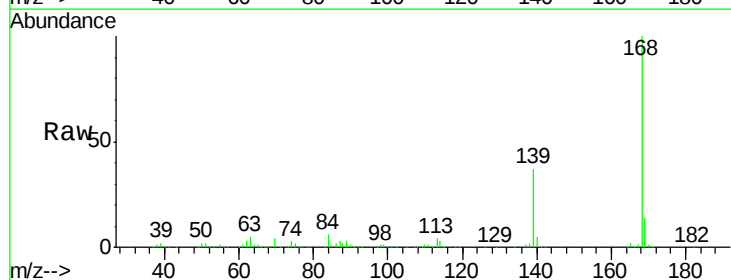
Manual Integrations
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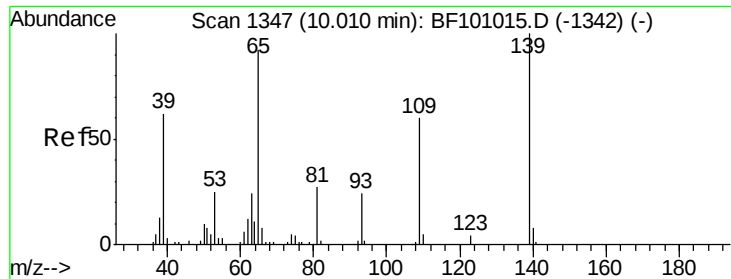
Sohil
 12/6/2017 5:12:28 PM



#54
 Dibenzofuran
 Concen: 45.925 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: BF101130.D
 Acq: 5 Dec 2017 17:54

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.9	30.1	45.1
169	14.1	10.9	16.3





#55

4-Nitrophenol

Concen: 82.562 ng

RT: 10.02 min Scan# 1349

Delta R.T. 0.02 min

Lab File: BF101130.D

Acq: 5 Dec 2017 17:54

Instrument :

BNA_F

ClientSampleId :

ENV-105-6(0-5)MSD

Tot Ion:139 Resp: 98839

Ion Ratio Lower Upper

139 100

109 63.3 48.4 88.4

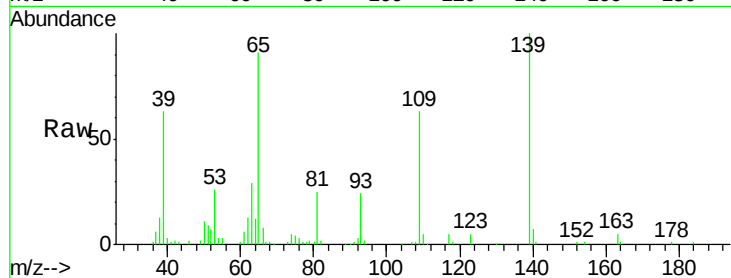
65 90.7 72.6 112.6

Manual Integrations

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Sohil

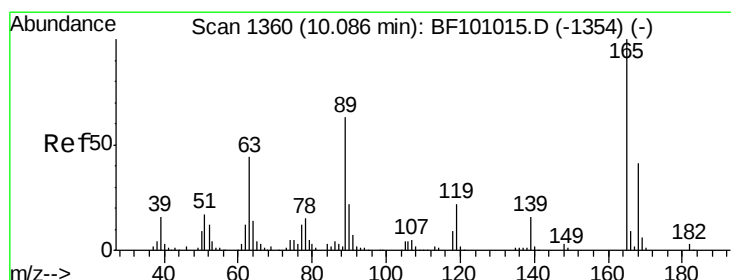
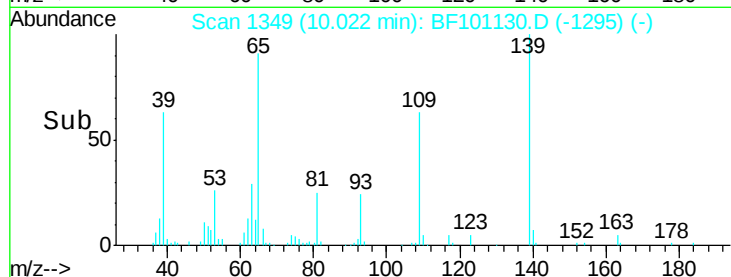
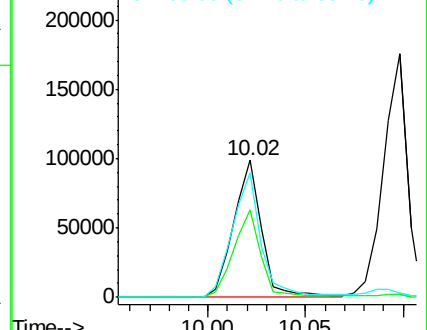
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 45.113 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.01 min

Lab File: BF101130.D

Acq: 5 Dec 2017 17:54

Tgt Ion:165 Resp: 95435

Ion Ratio Lower Upper

165 100

63 50.1 36.4 54.6

89 63.7 57.8 86.6

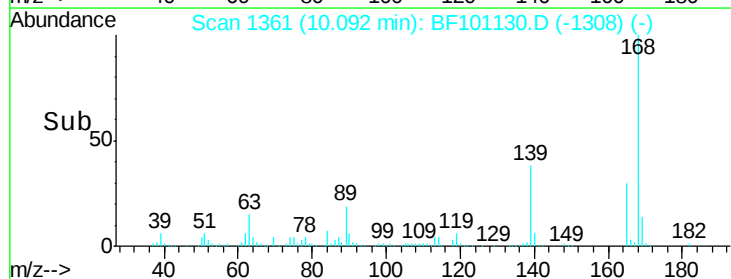
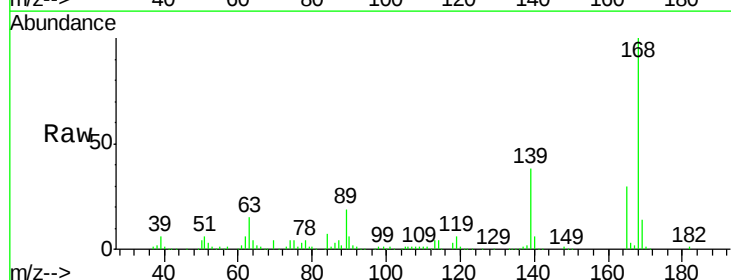
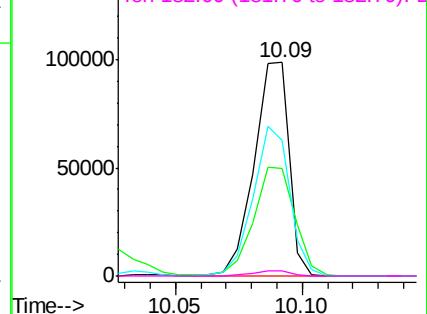
182 2.7 1.6 2.4#

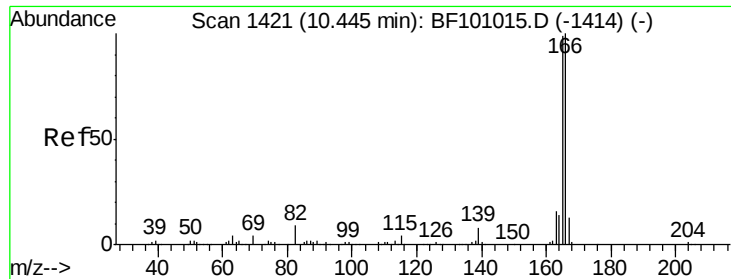
Abundance Ion 165.00 (164.70 to 165.70): E

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: 44.458 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BF101130.D

Acq: 5 Dec 2017 17:54

Instrument :

BNA_F

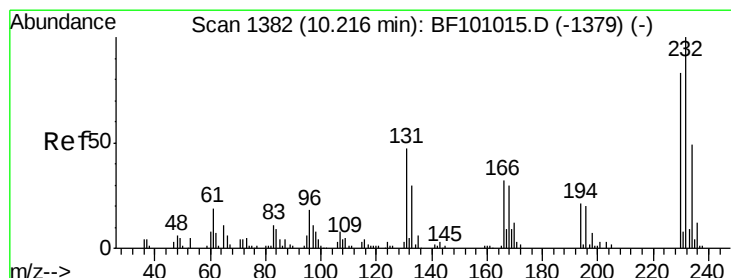
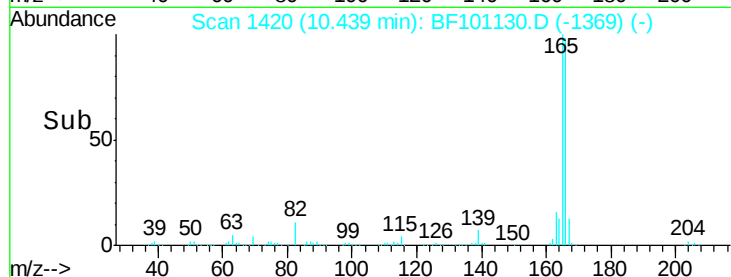
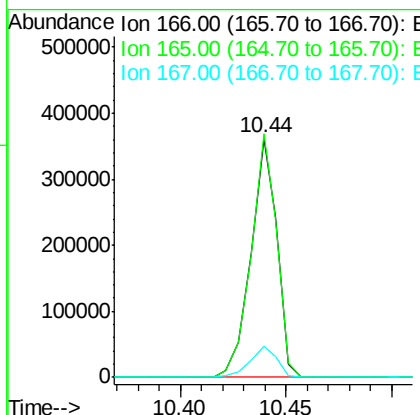
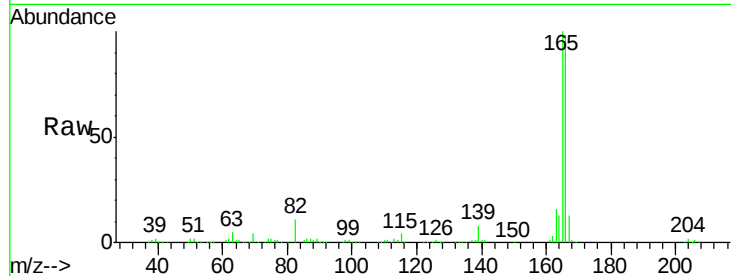
ClientSampleId :

ENV-105-6(0-5)MSD

Tot Ion:	166	Resp:	309889
Ion Ratio	Lower	Upper	
166	100		
165	101.9	79.8	119.8
167	12.8	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 49.136 ng

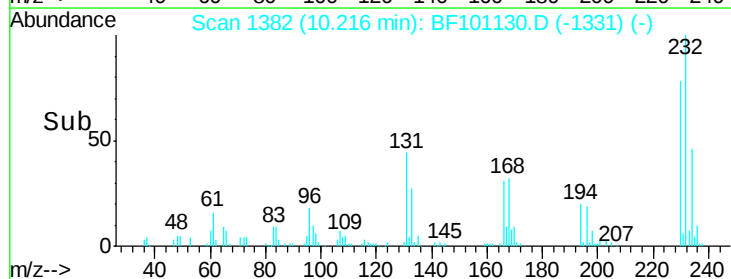
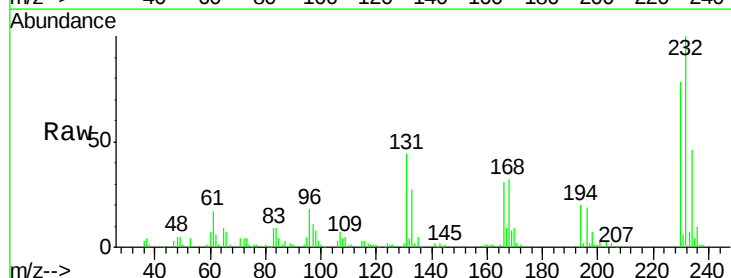
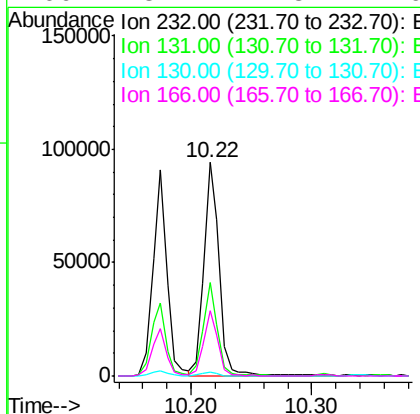
RT: 10.22 min Scan# 1382

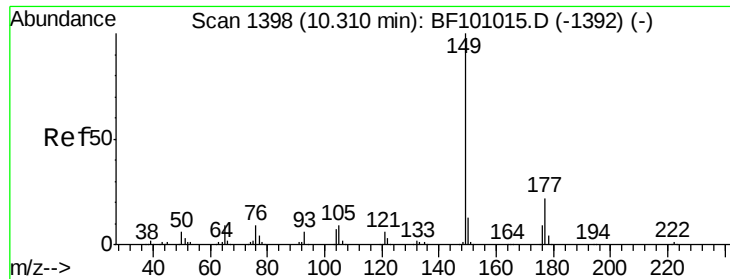
Delta R.T. 0.00 min

Lab File: BF101130.D

Acq: 5 Dec 2017 17:54

Tgt Ion:	232	Resp:	83235
Ion Ratio	Lower	Upper	
232	100		
131	40.7	43.8	65.8#
130	1.8	2.1	3.1#
166	28.4	27.8	41.6





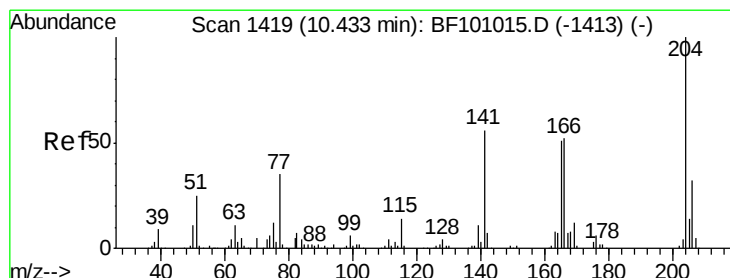
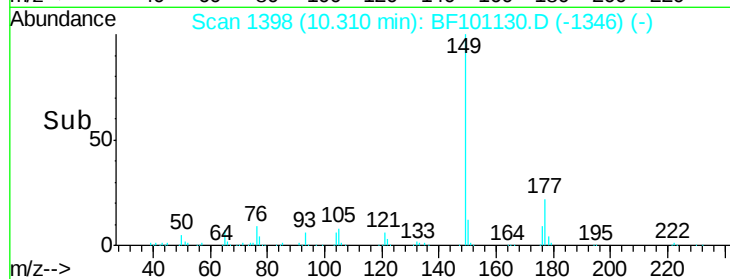
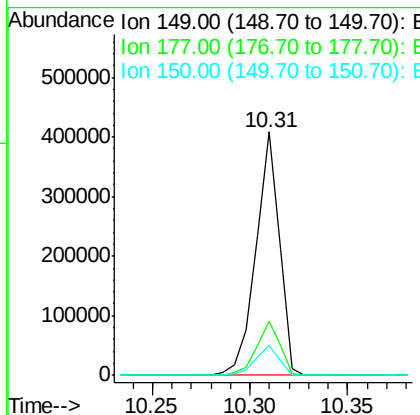
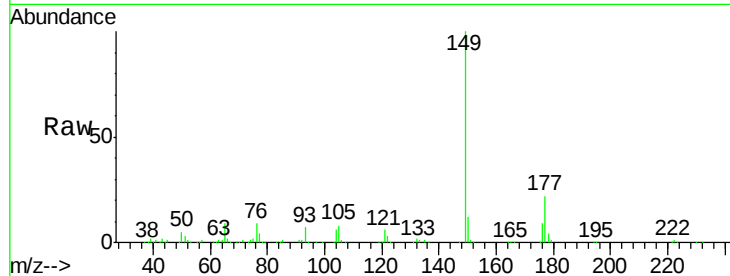
#59
Diethylphthalate
Concen: 46.243 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
ENV-105-6(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	341832		
177	22.5	16.1	24.1	
150	12.1	10.1	15.1	

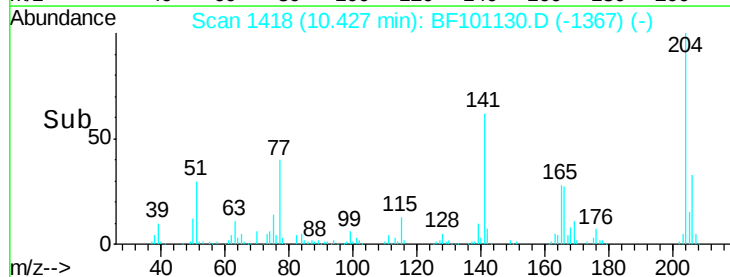
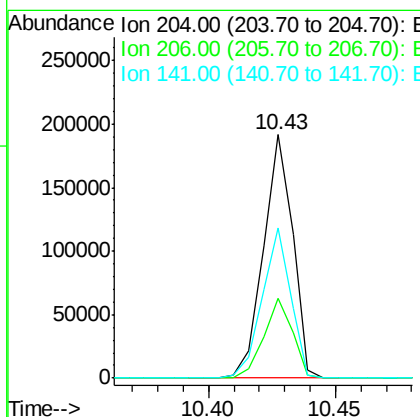
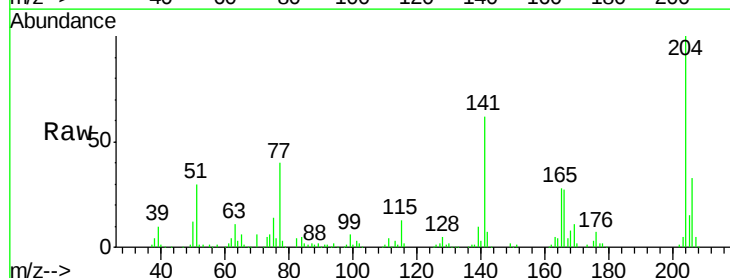
Manual Integrations
APPROVED

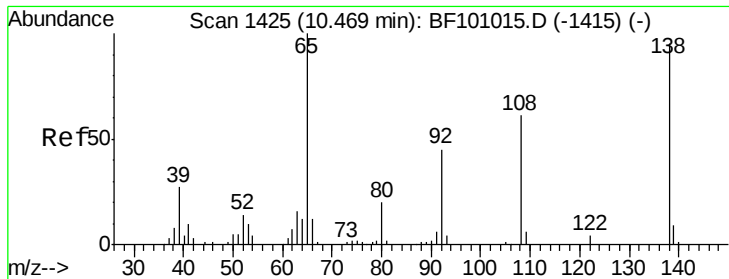
Sohil
12/6/2017 5:12:28 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.085 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	155165		
206	33.0	26.5	39.7	
141	61.7	54.6	81.8	





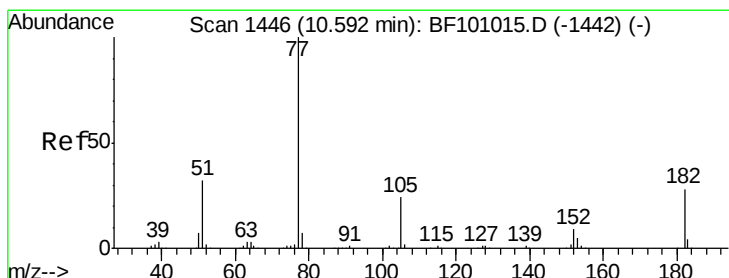
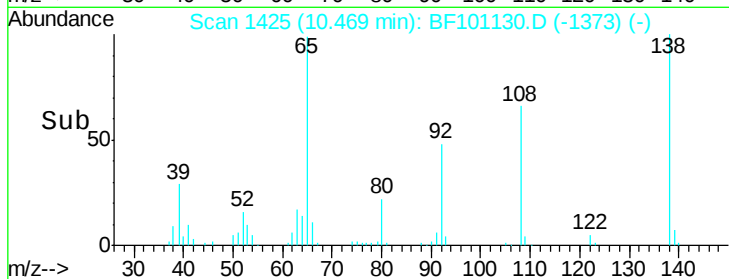
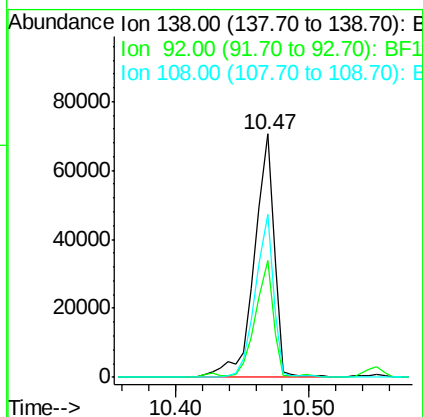
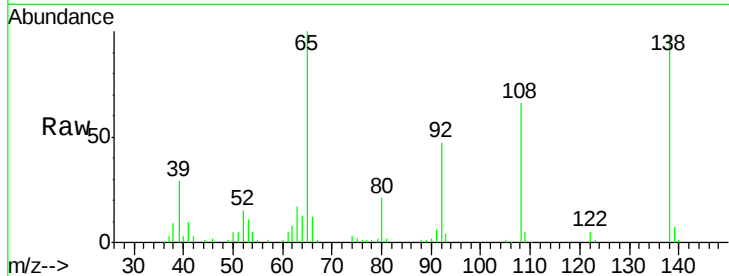
#61
4-Nitroaniline
Concen: 39.047 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
ENV-105-6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.2	30.2	70.2
108	66.8	52.5	92.5

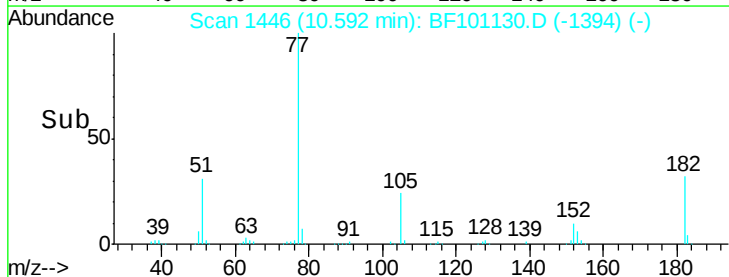
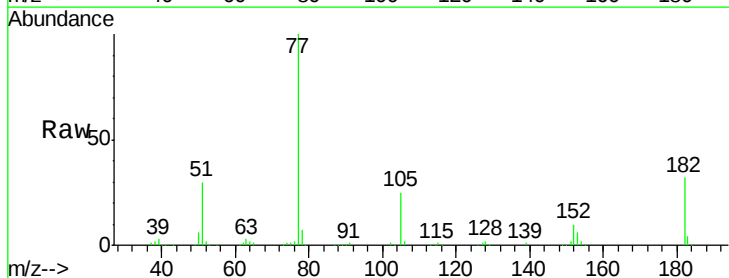
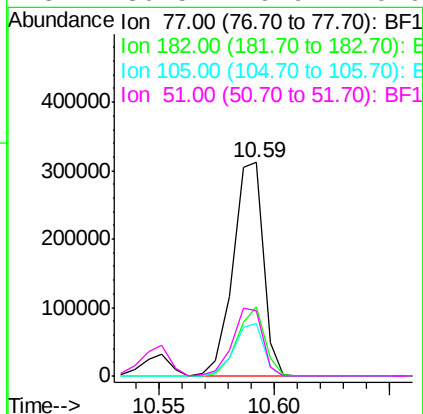
Manual Integrations
APPROVED

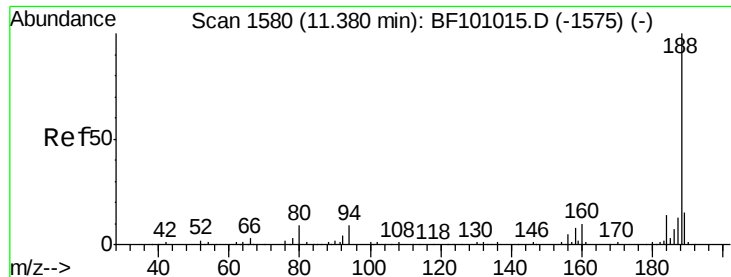
Sohil
12/6/2017 5:12:28 PM



#62
Azobenzene
Concen: 45.612 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Tgt Ion	Ratio	Lower	Upper
77	100		
182	32.1	1.7	41.7
105	24.5	3.0	43.0
51	30.5	9.9	49.9





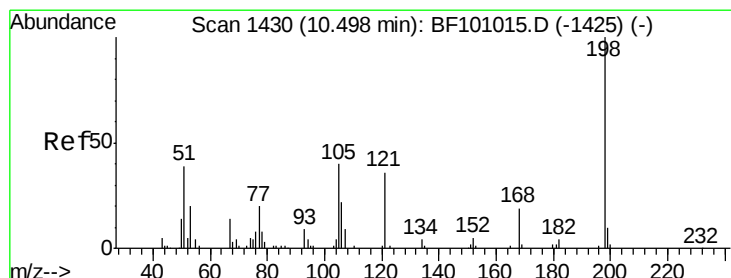
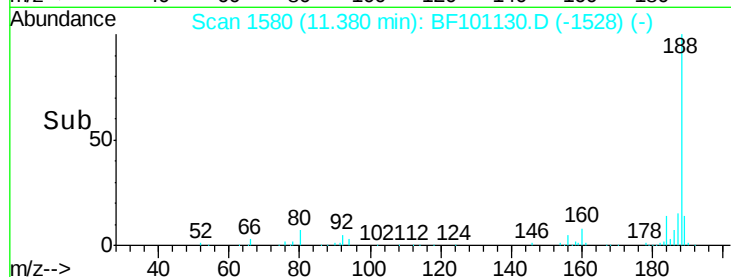
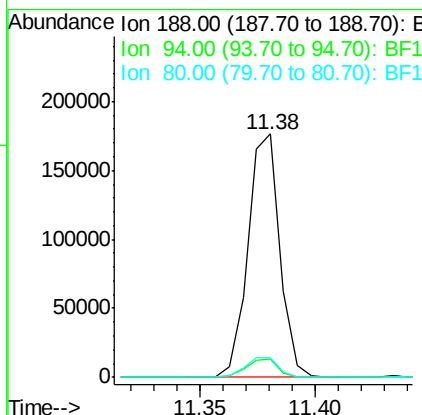
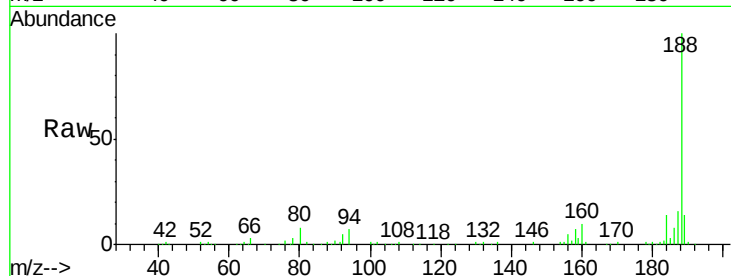
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
ENV-105-6(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	169306		
94	7.4	8.5	12.7#	
80	7.8	9.2	13.8#	

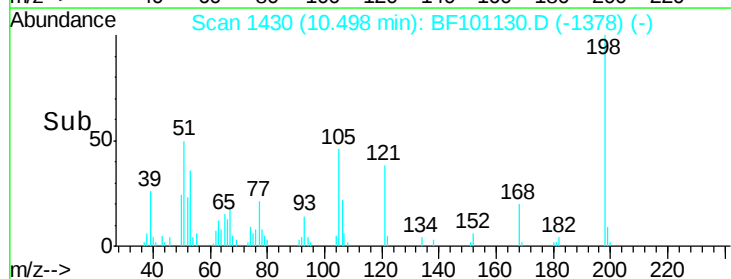
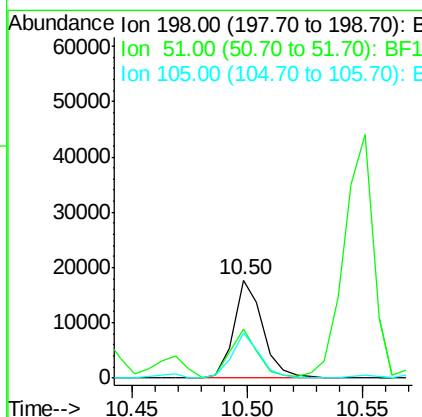
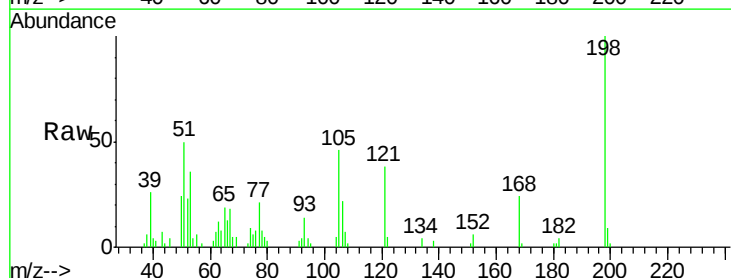
Manual Integrations
APPROVED

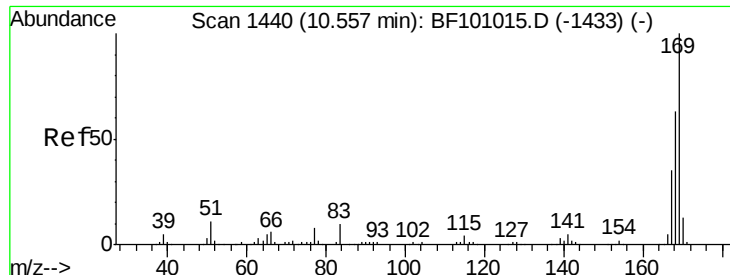
Sohil
12/6/2017 5:12:28 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 13.621 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	15468		
51	49.8	37.7	77.7	
105	45.8	36.3	76.3	





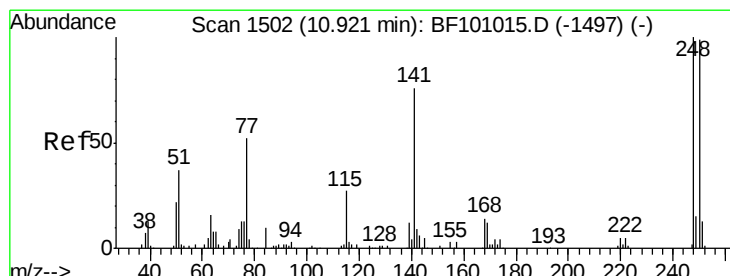
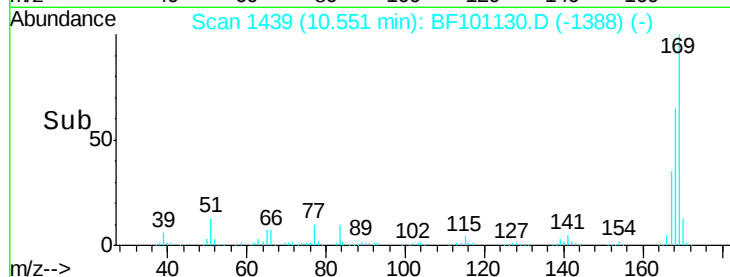
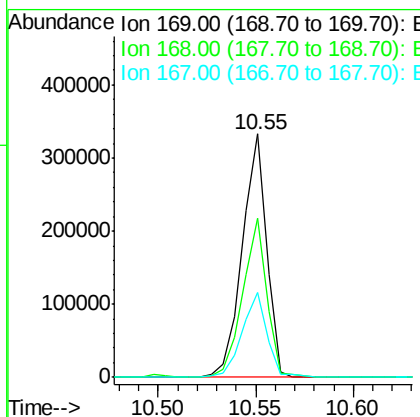
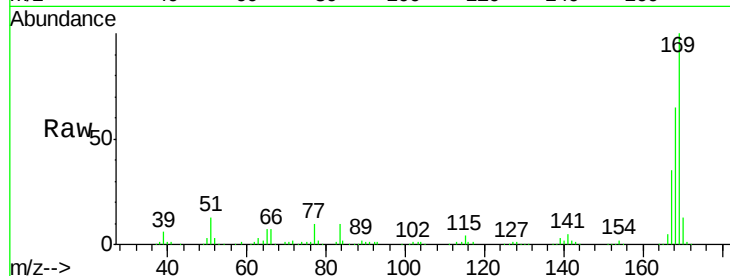
#65
n-Nitrosodiphenylamine
Concen: 48.292 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
ENV-105-6(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	288447		
168	65.1		54.4	81.6
167	34.8		29.8	44.6

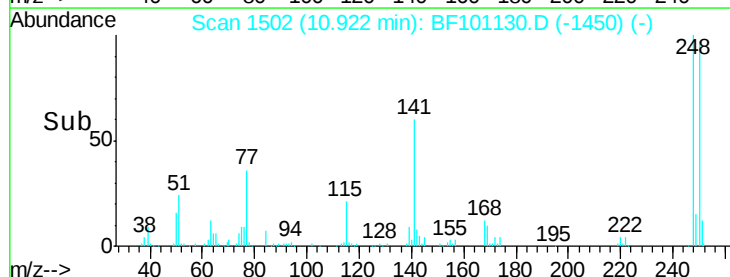
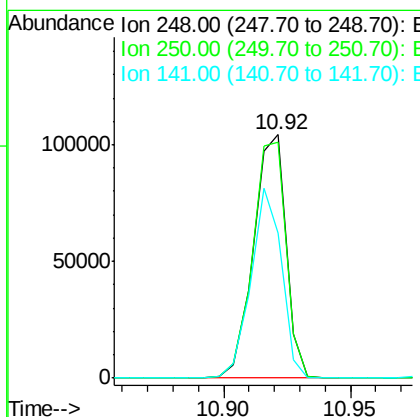
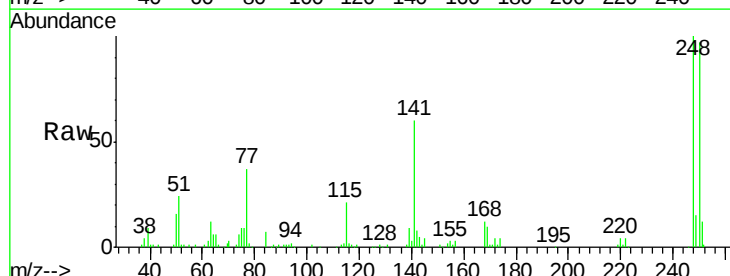
Manual Integrations
APPROVED

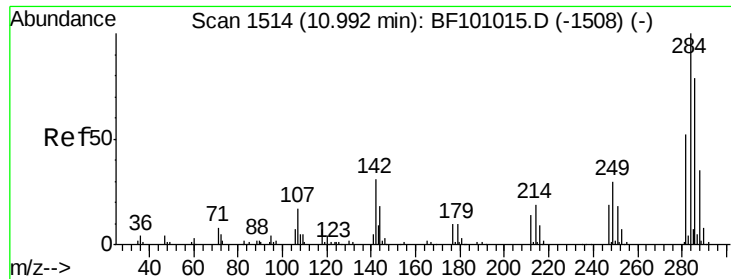
Sohil
12/6/2017 5:12:28 PM



#66
4-Bromophenyl-phenylether
Concen: 49.413 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	93643		
250	96.9		76.9	115.3
141	59.5		74.4	111.6#





#67

Hexachlorobenzene

Concen: 47.872 ng

RT: 10.99 min Scan# 1514

Delta R.T. 0.01 min

Lab File: BF101130.D

Acq: 5 Dec 2017 17:54

Instrument :

BNA_F

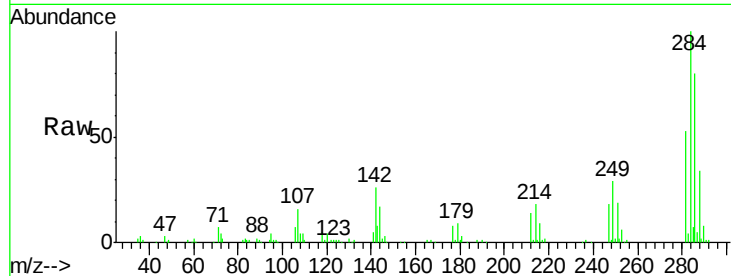
ClientSampleId :

ENV-105-6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	26.3	34.6	52.0#
249	29.2	24.8	37.2

Manual Integrations
APPROVED

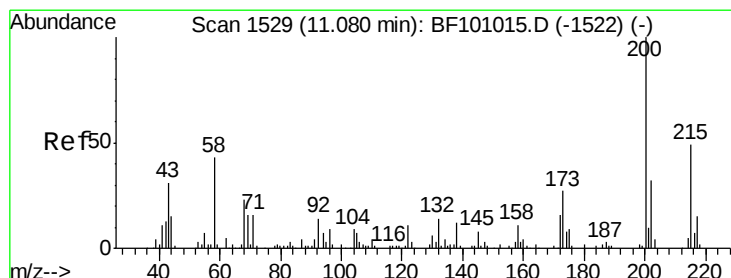
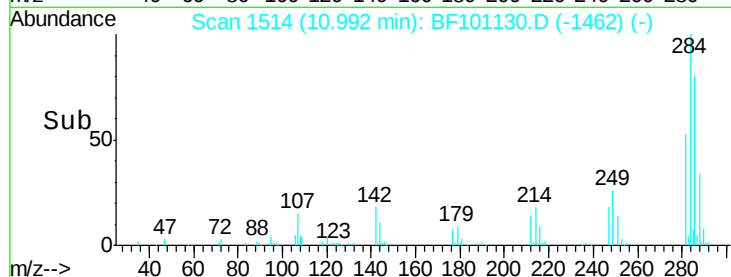
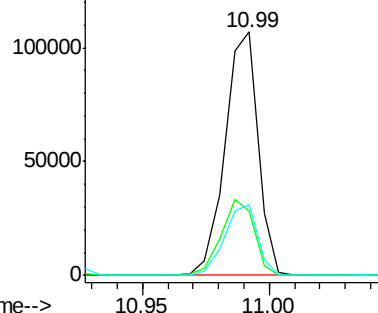
Sohil
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 49.809 ng

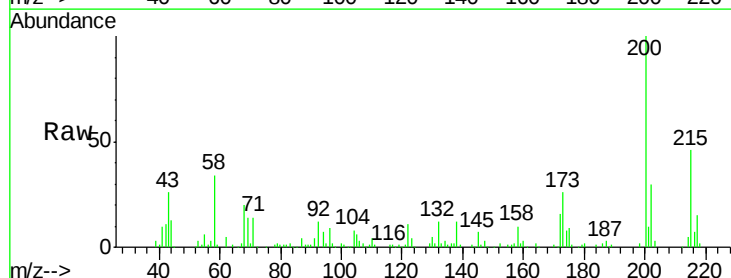
RT: 11.08 min Scan# 1529

Delta R.T. 0.01 min

Lab File: BF101130.D

Acq: 5 Dec 2017 17:54

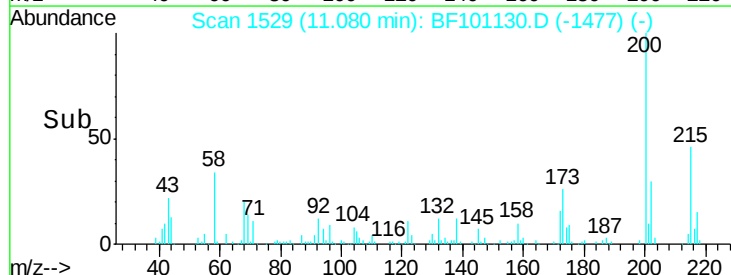
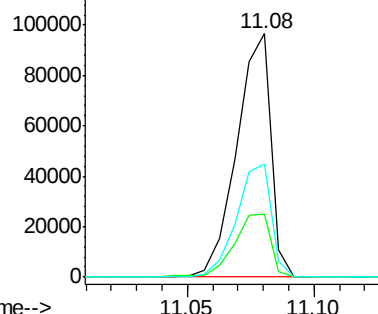
Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.8	8.6	48.6
215	46.2	25.1	65.1

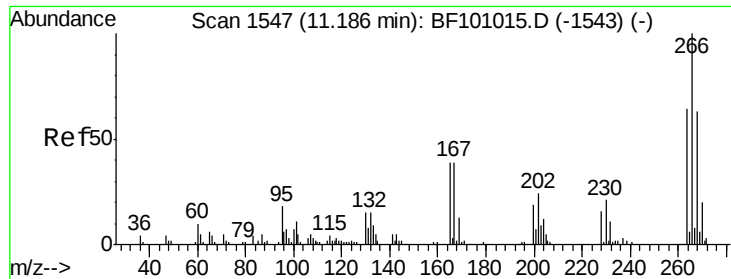


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





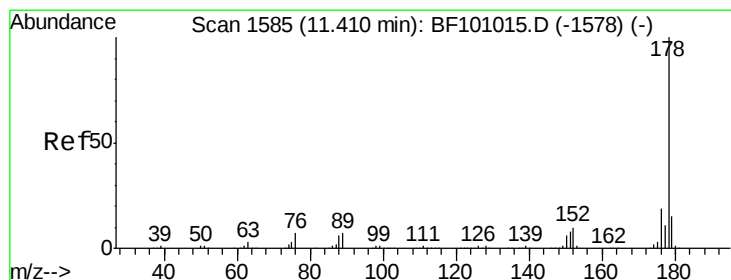
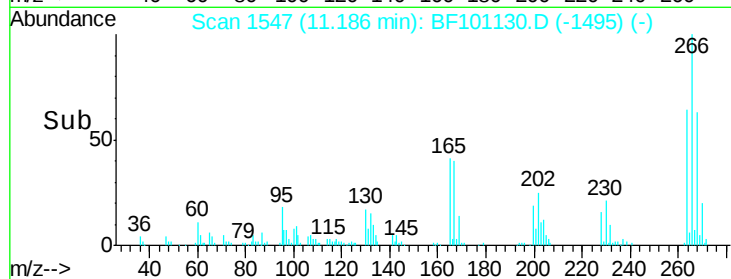
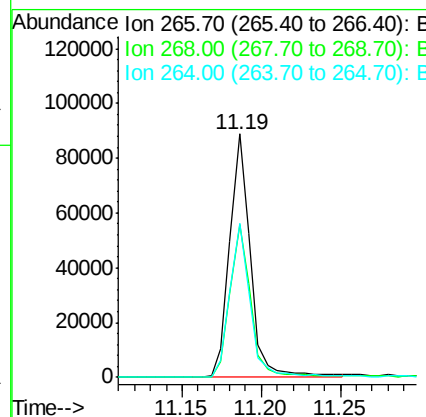
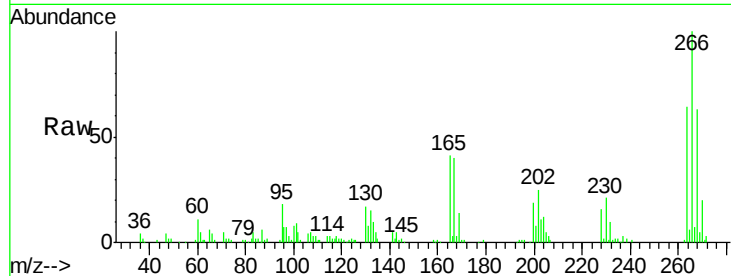
#69
 Pentachlorophenol
 Concen: 72.618 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.01 min
 Lab File: BF101130.D
 Acq: 5 Dec 2017 17:54

Instrument :
 BNA_F
 ClientSampleId :
 ENV-105-6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.1	76.7
264	63.5	49.5	74.3

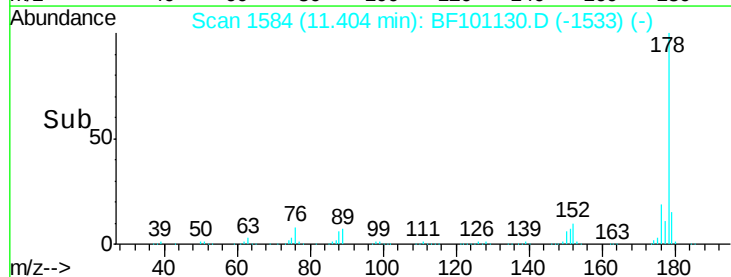
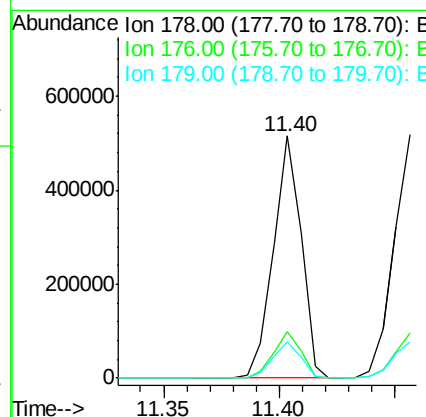
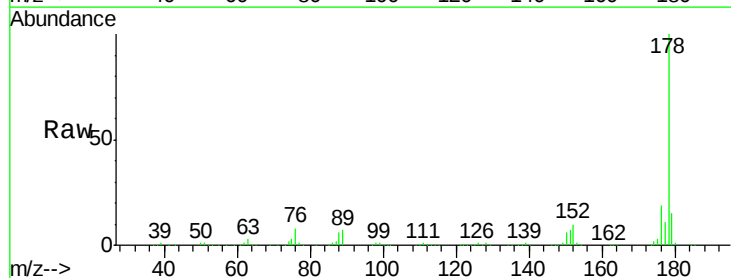
Manual Integrations
 APPROVED

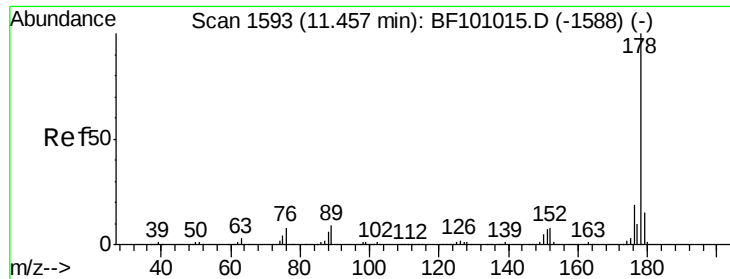
Sohil
 12/6/2017 5:12:28 PM



#70
 Phenanthrene
 Concen: 46.235 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF101130.D
 Acq: 5 Dec 2017 17:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	14.8	13.0	19.6





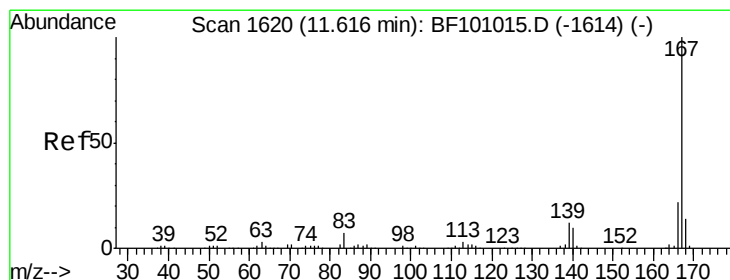
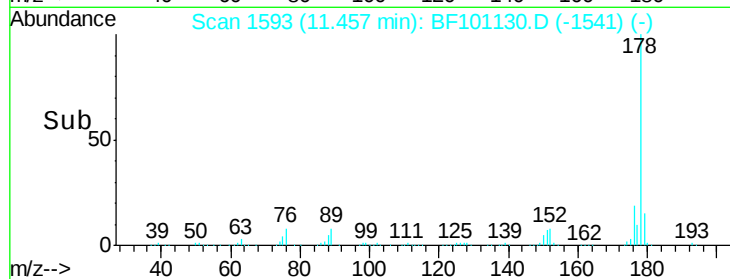
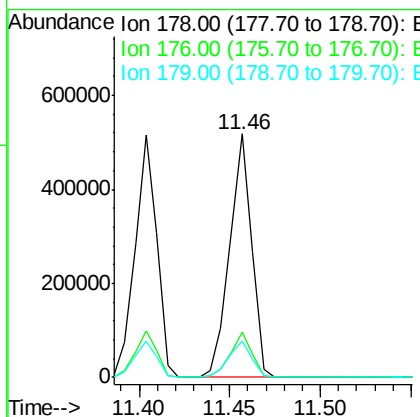
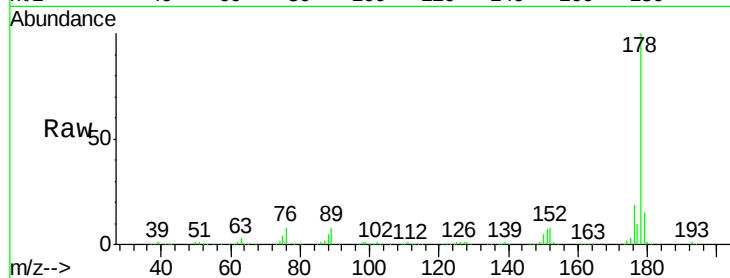
#71
 Anthracene
 Concen: 46.838 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF101130.D
 Acq: 5 Dec 2017 17:54

Instrument :
 BNA_F
 ClientSampleId :
 ENV-105-6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.1	12.6	19.0

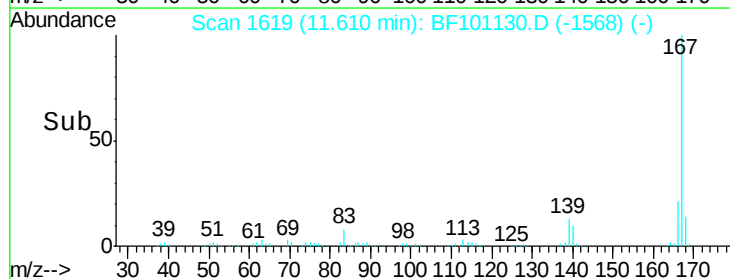
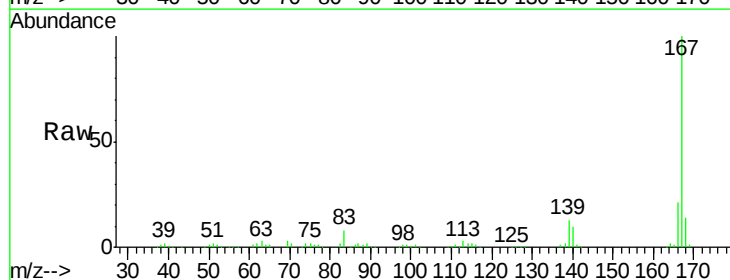
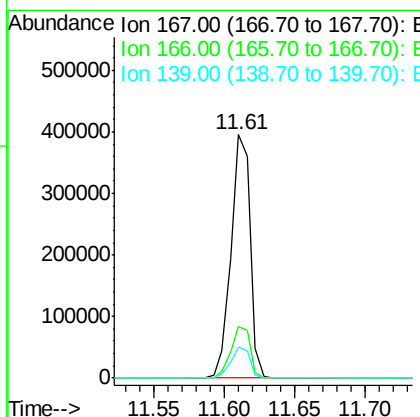
Manual Integrations
 APPROVED

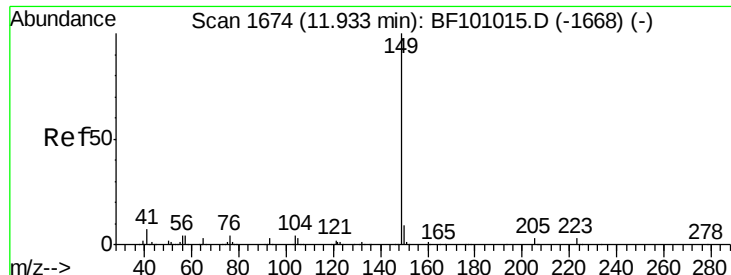
Sohil
 12/6/2017 5:12:28 PM



#72
 Carbazole
 Concen: 43.357 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF101130.D
 Acq: 5 Dec 2017 17:54

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.6	26.4
139	13.0	10.9	16.3





#73

Di-n-butylphthalate

Concen: 46.202 ng

RT: 11.93 min Scan# 1674

Delta R.T. 0.01 min

Lab File: BF101130.D

Acq: 5 Dec 2017 17:54

Instrument :

BNA_F

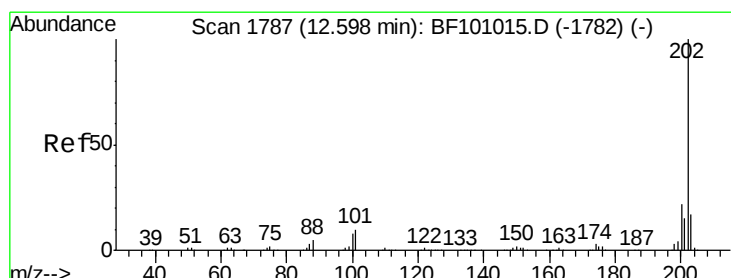
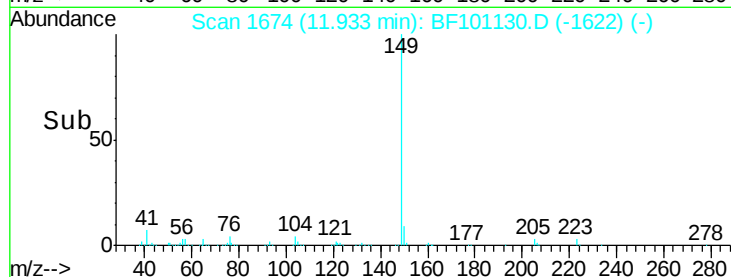
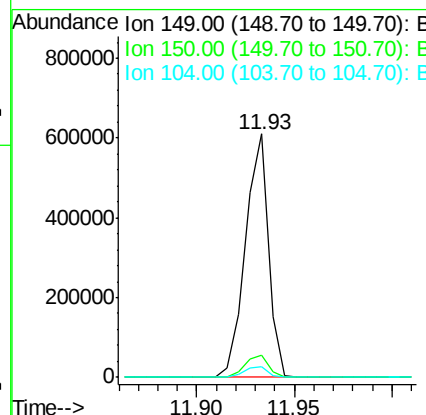
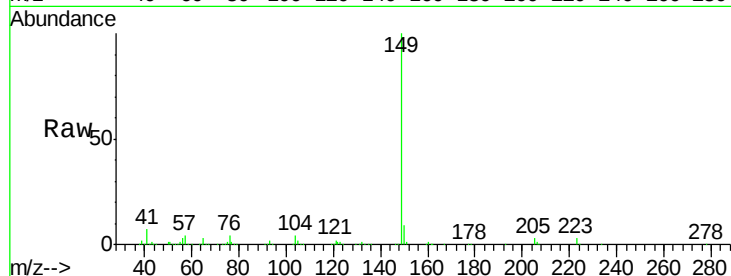
ClientSampleId :

ENV-105-6(0-5)MSD

Tot Ion:	149	Resp:	499288
Ion Ratio		Lower	Upper
149	100		
150	9.2	7.8	11.6
104	4.4	3.8	5.8

Manual Integrations
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12/6/2017 5:12:28 PM



#74

Fluoranthene

Concen: 37.796 ng

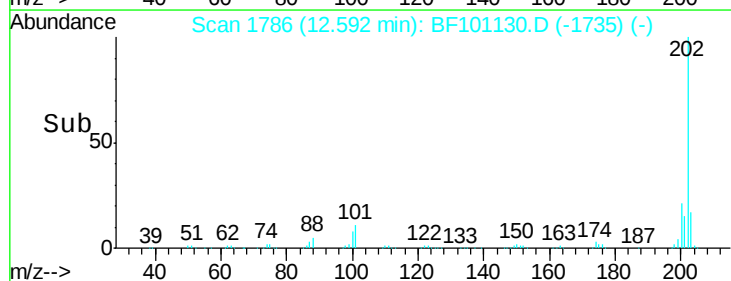
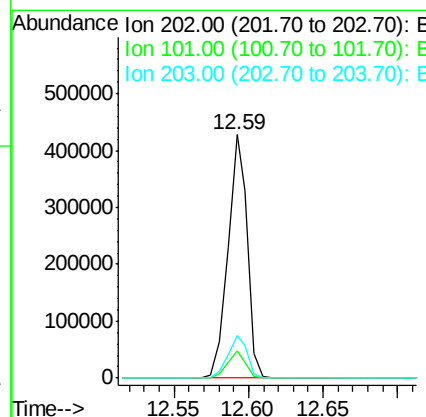
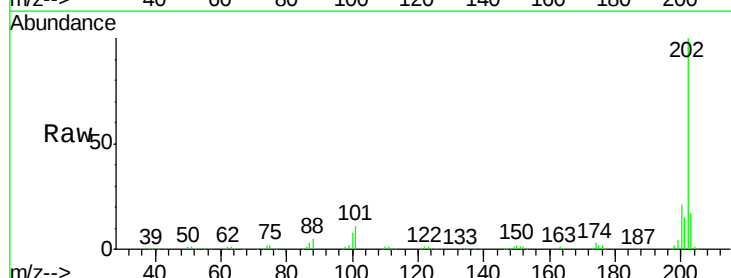
RT: 12.59 min Scan# 1786

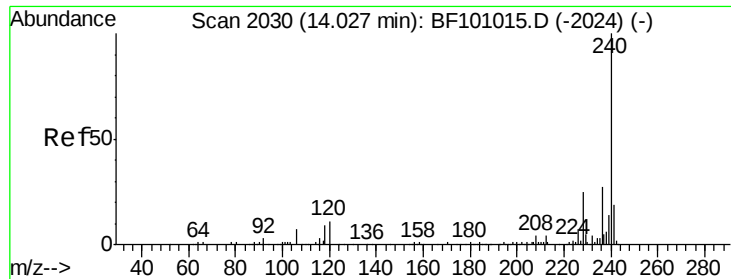
Delta R.T. 0.00 min

Lab File: BF101130.D

Acq: 5 Dec 2017 17:54

Tgt Ion:	202	Resp:	390623
Ion Ratio		Lower	Upper
202	100		
101	11.3	0.0	34.1
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF101130.D

Acq: 5 Dec 2017 17:54

Instrument :

BNA_F

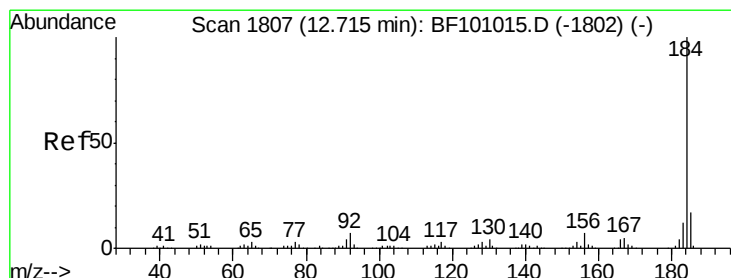
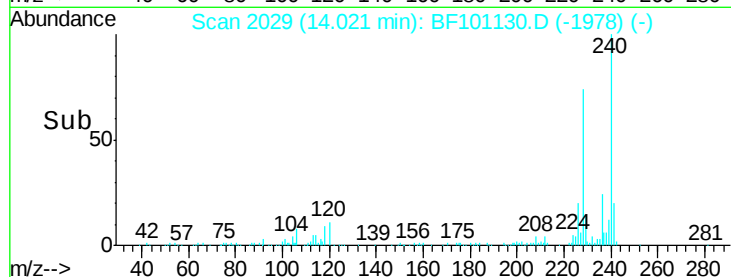
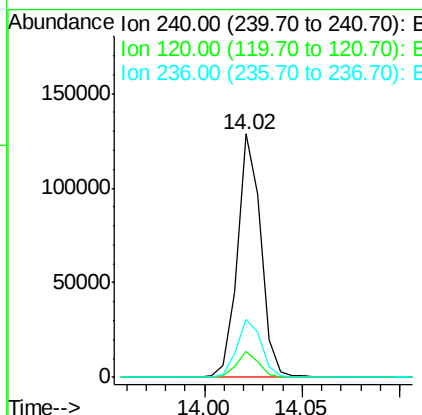
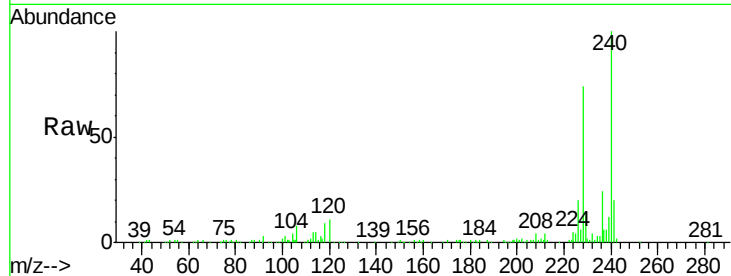
ClientSampleId :

ENV-105-6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	23.9	20.7	31.1

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#76

Benzidine

Concen: 48.117 ng

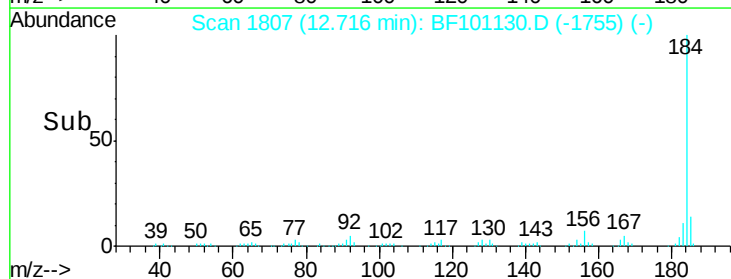
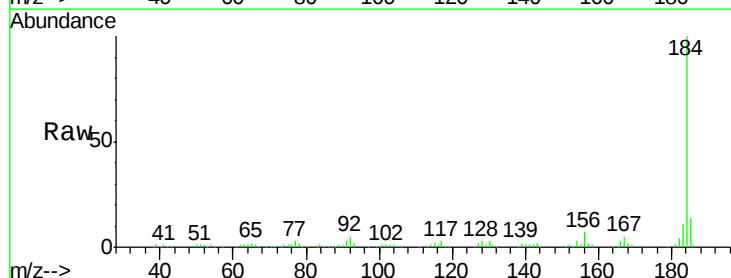
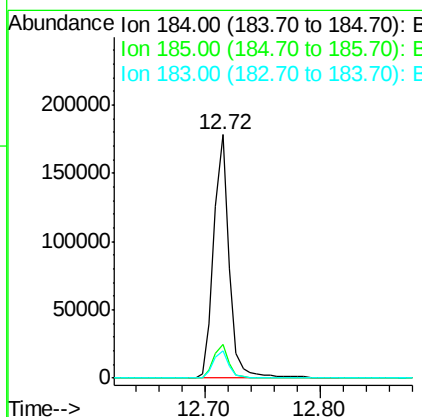
RT: 12.72 min Scan# 1807

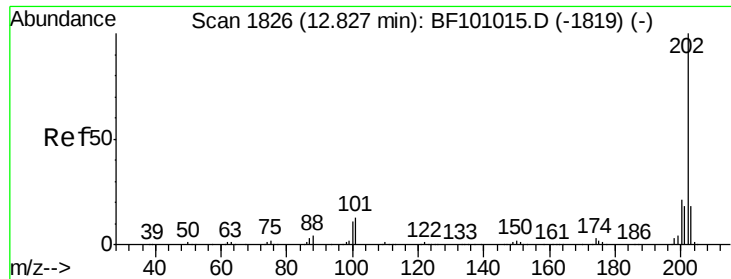
Delta R.T. 0.01 min

Lab File: BF101130.D

Acq: 5 Dec 2017 17:54

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.8	12.6	18.8
183	11.4	9.3	13.9





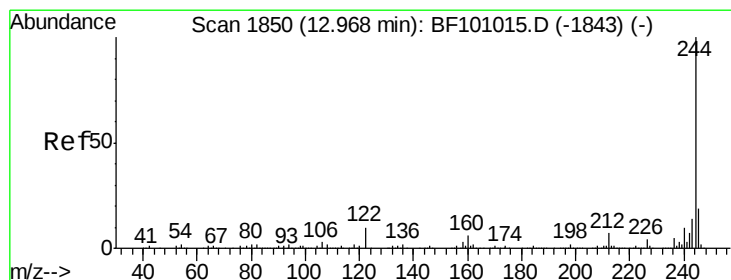
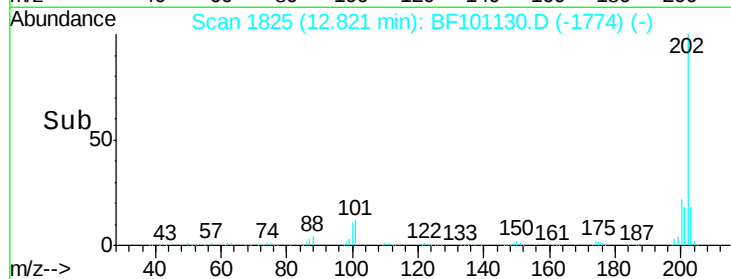
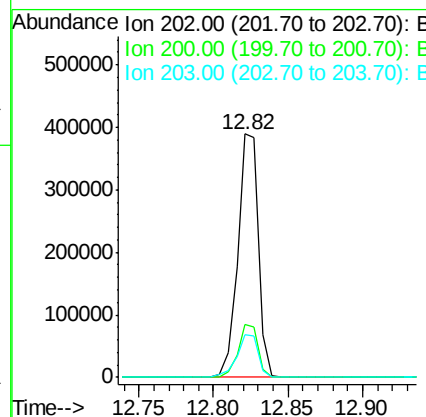
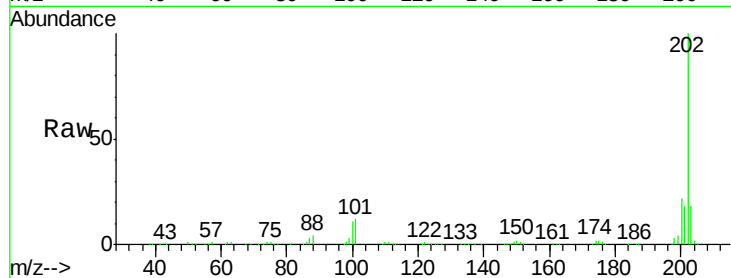
#77
Pvrene
Concen: 51.459 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
ENV-105-6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.7	14.3	21.5

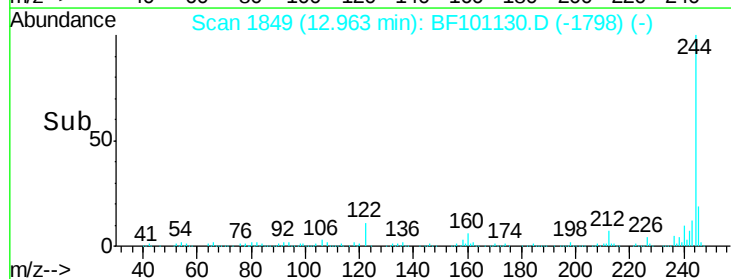
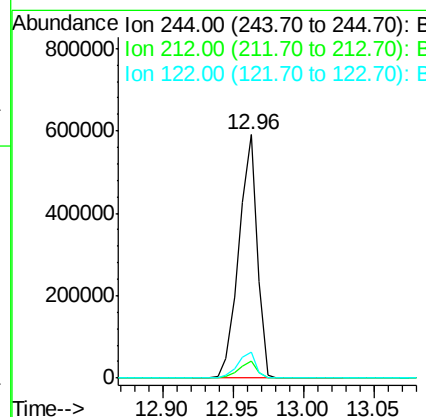
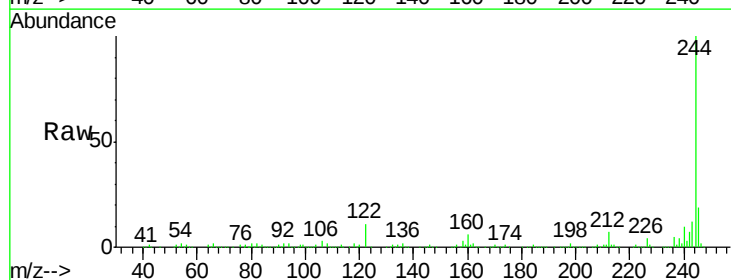
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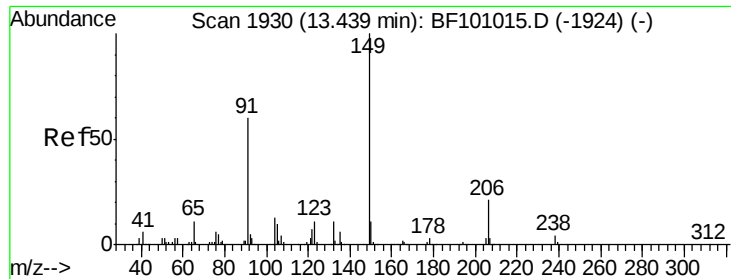
Sohil
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#78
Terphenyl-d14
Concen: 109.581 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.8	11.0	16.4#





#79

Butylbenzylphthalate

Concen: 51.703 ng

RT: 13.43 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BF101130.D

Acq: 5 Dec 2017 17:54

Instrument :

BNA_F

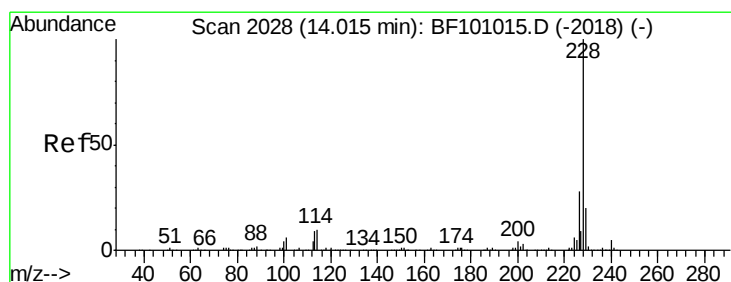
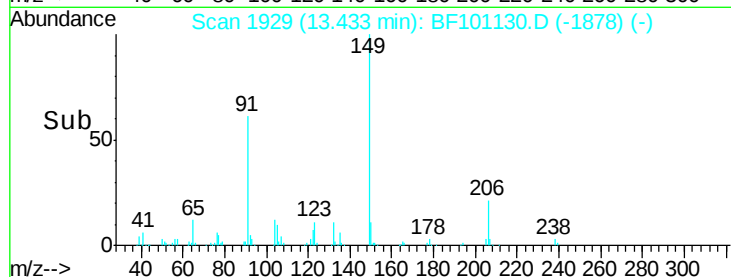
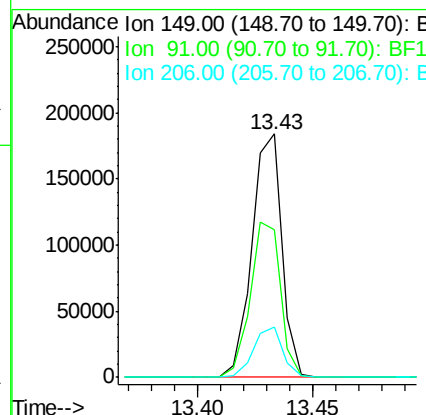
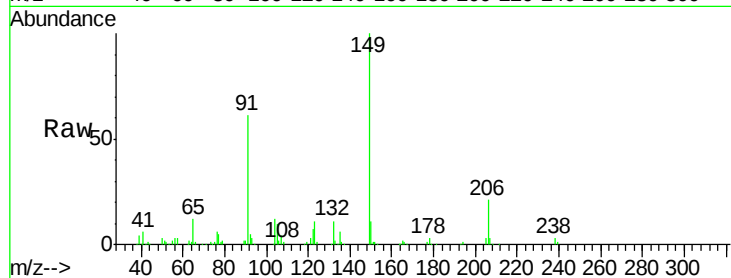
ClientSampleId :

ENV-105-6(0-5)MSD

Tot Ion:	149	Resp:	167543
Ion Ratio	Lower	Upper	
149	100		
91	60.6	56.8	85.2
206	20.9	14.1	21.1

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#80

Benzo(a)anthracene

Concen: 46.842 ng

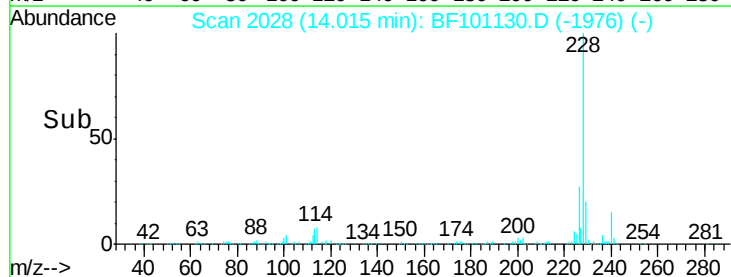
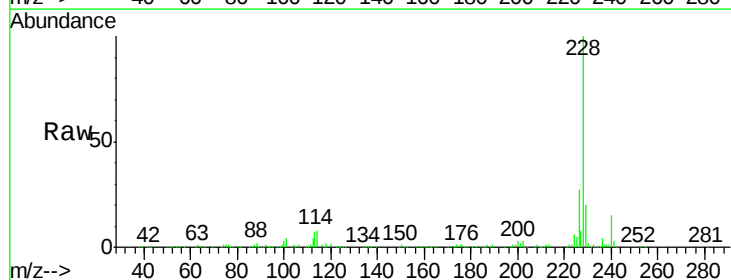
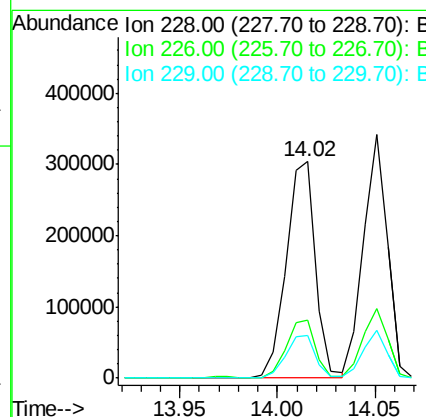
RT: 14.02 min Scan# 2028

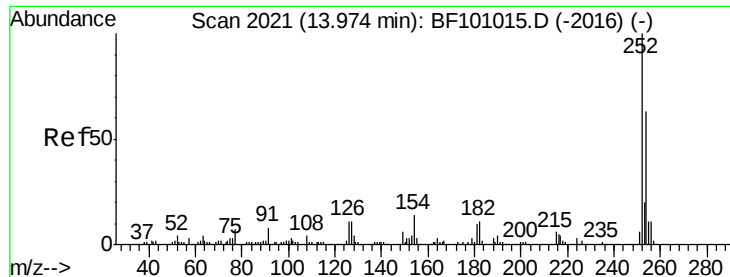
Delta R.T. 0.01 min

Lab File: BF101130.D

Acq: 5 Dec 2017 17:54

Tgt Ion:	228	Resp:	315019
Ion Ratio	Lower	Upper	
228	100		
226	27.0	22.6	33.8
229	19.9	15.8	23.6





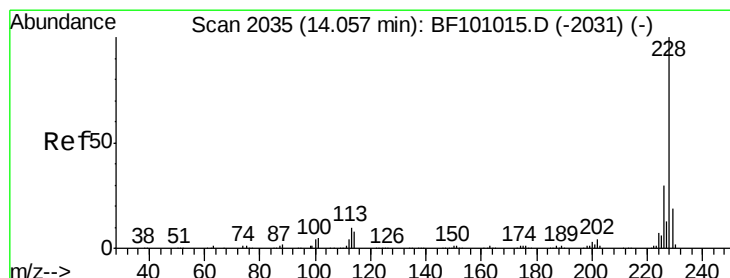
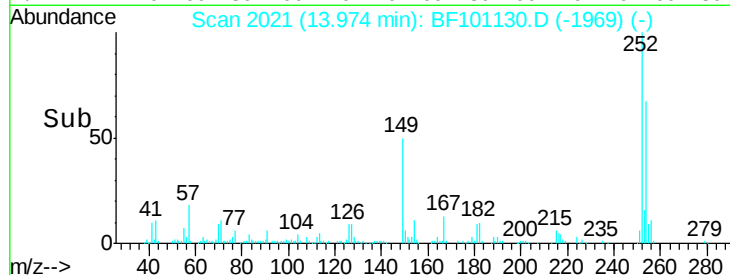
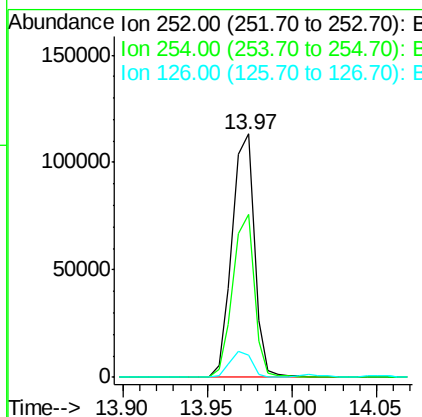
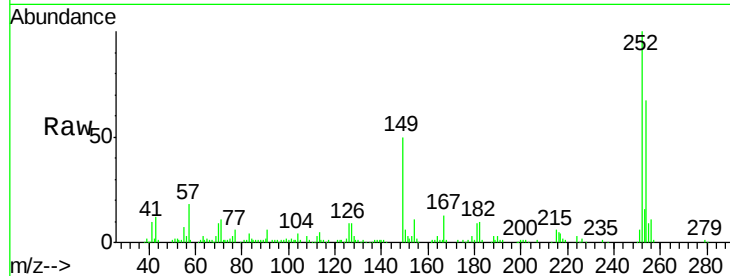
#81
 3,3'-Dichlorobenzidine
 Concen: 45.136 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.01 min
 Lab File: BF101130.D
 Acq: 5 Dec 2017 17:54

Instrument :
 BNA_F
 ClientSampleId :
 ENV-105-6(0-5)MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	66.8	50.4	75.6
126	8.9	11.3	16.9

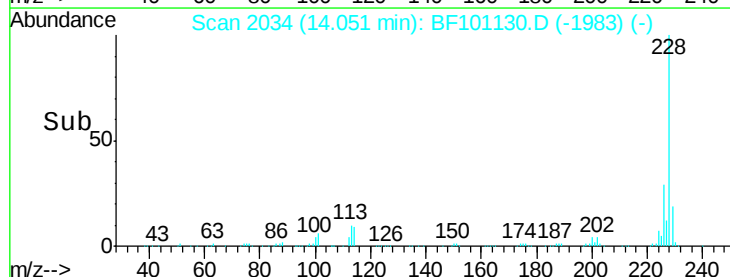
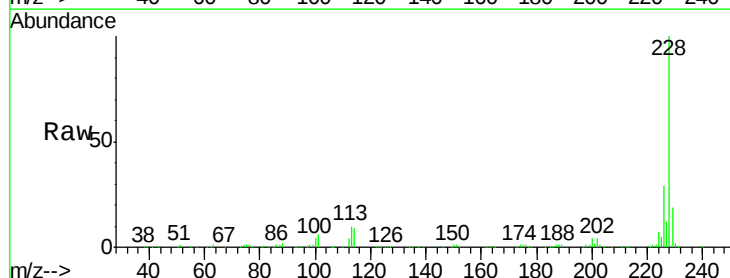
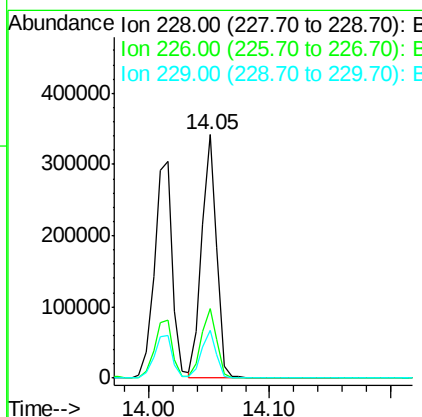
Manual Integrations
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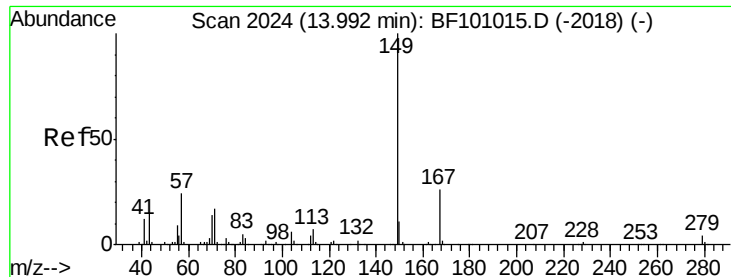
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#82
 Chrysene
 Concen: 47.254 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF101130.D
 Acq: 5 Dec 2017 17:54

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	28.6	25.0	37.6
229	19.5	16.2	24.4





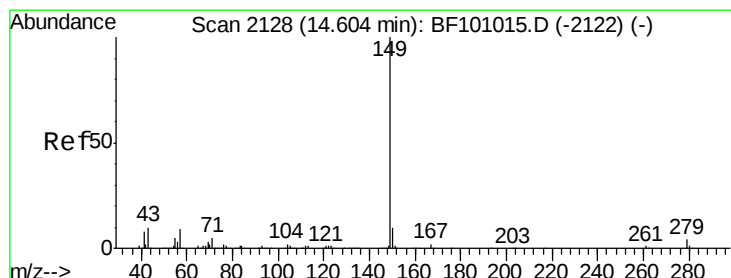
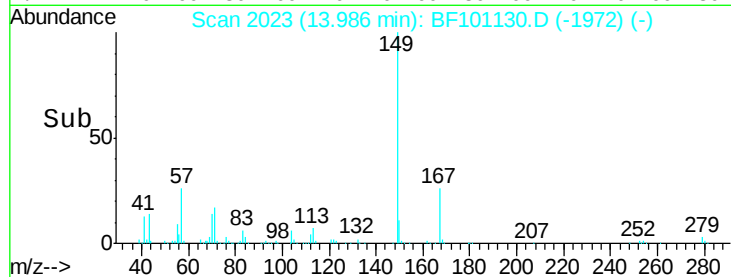
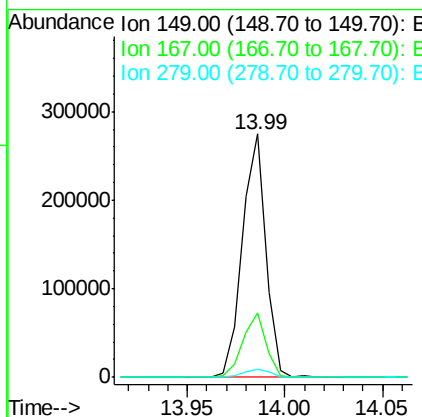
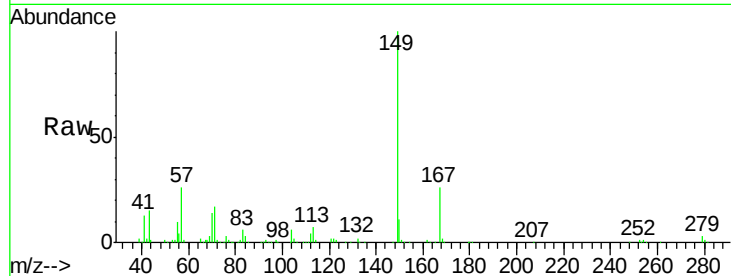
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.574 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.00 min
 Lab File: BF101130.D
 Acq: 5 Dec 2017 17:54

Instrument :
 BNA_F
 ClientSampleId :
 ENV-105-6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.3	31.9
279	3.4	3.0	4.4

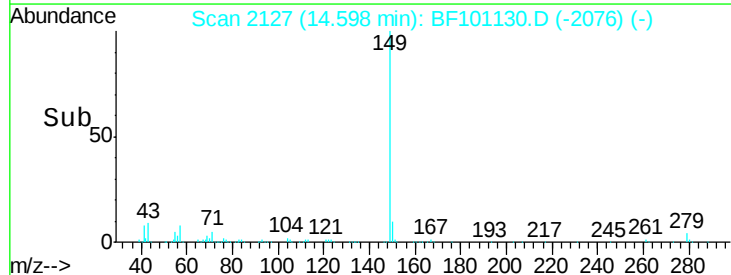
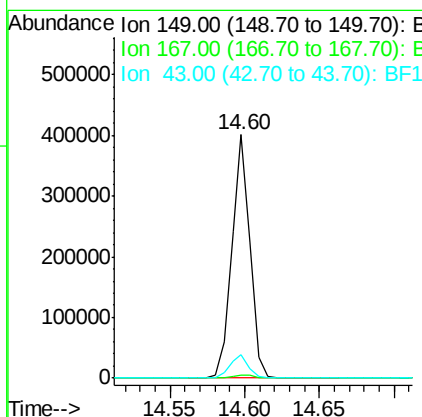
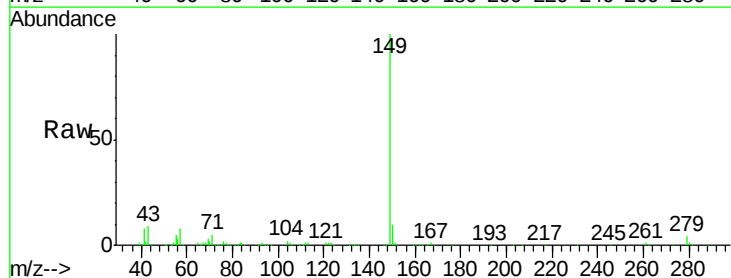
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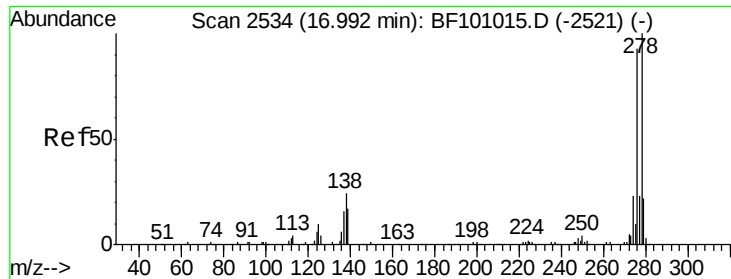
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#84
 Di-n-octyl phthalate
 Concen: 44.649 ng
 RT: 14.60 min Scan# 2127
 Delta R.T. 0.00 min
 Lab File: BF101130.D
 Acq: 5 Dec 2017 17:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.5	8.4	12.6





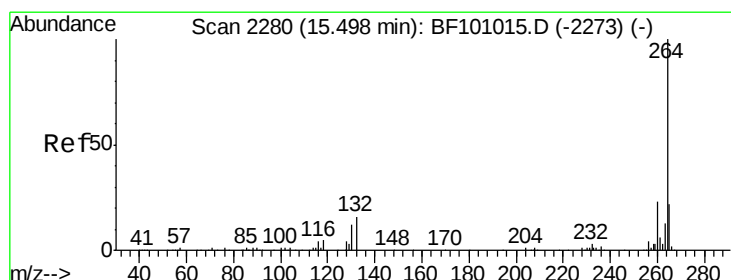
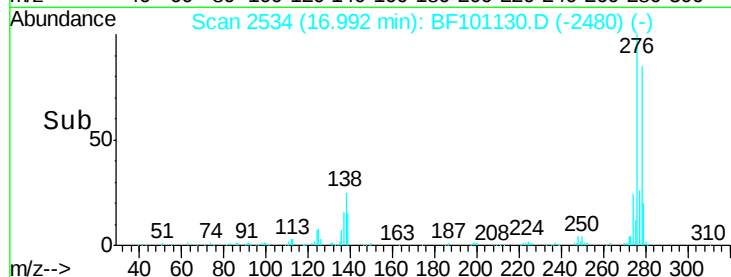
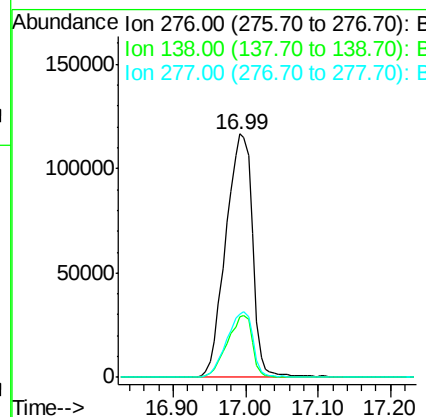
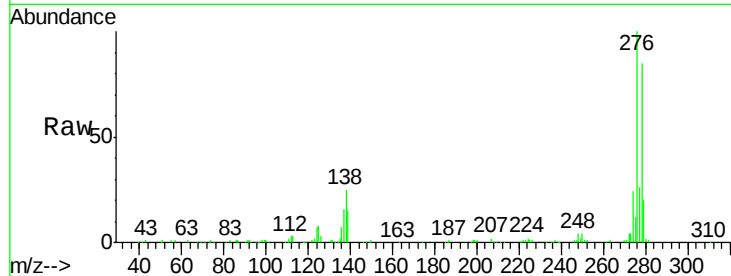
#85
Indeno(1,2,3-cd)pyrene
Concen: 54.042 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.02 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
ENV-105-6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.6	25.0	37.6#
277	26.1	20.1	30.1

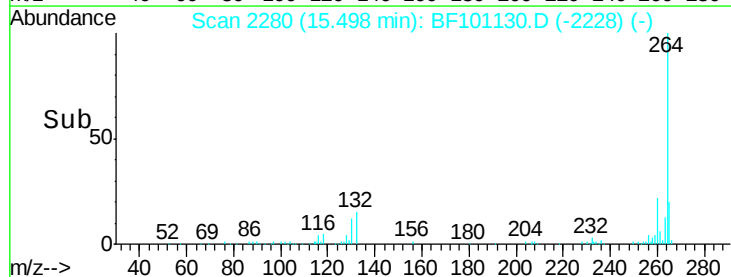
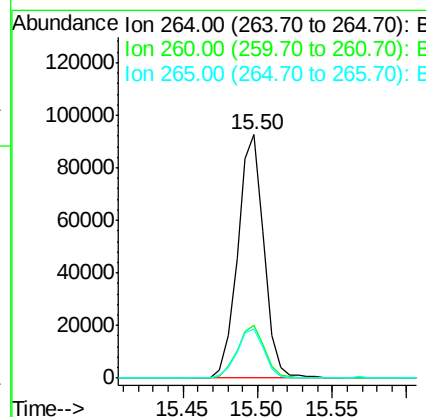
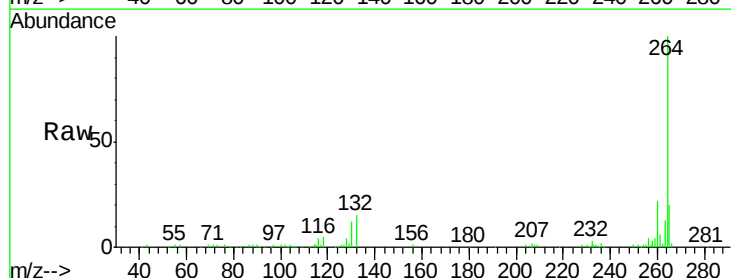
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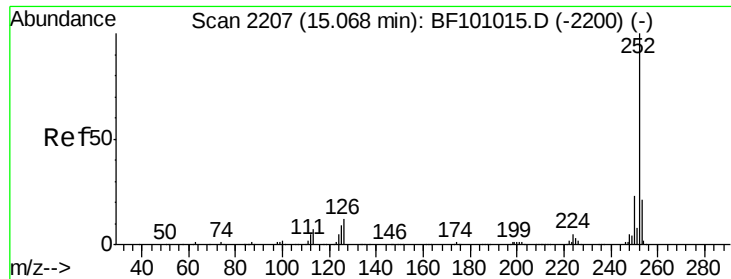
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.8	19.2	28.8
265	20.0	17.5	26.3





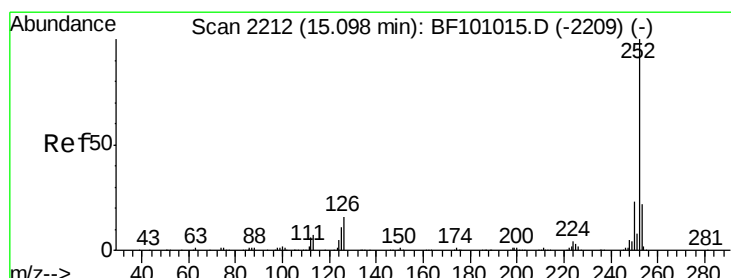
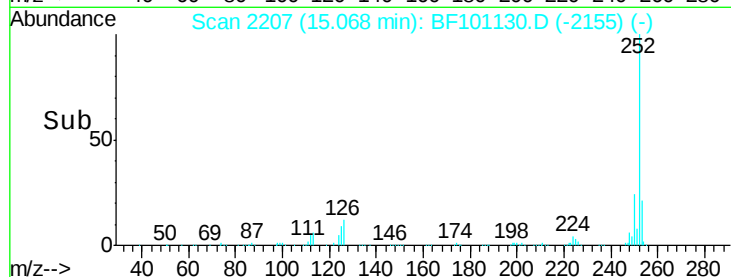
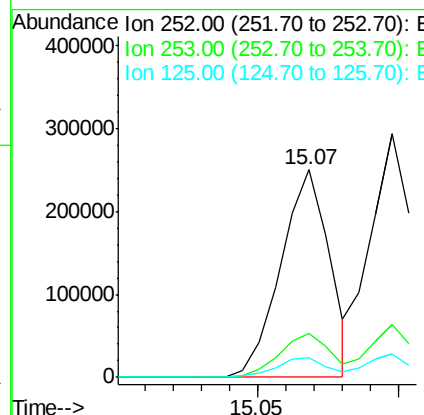
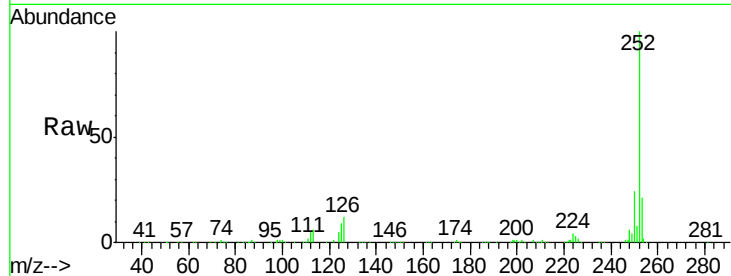
#87
Benzo(b)fluoranthene
Concen: 44.292 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
ENV-105-6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.0	25.6
125	9.4	9.0	13.6

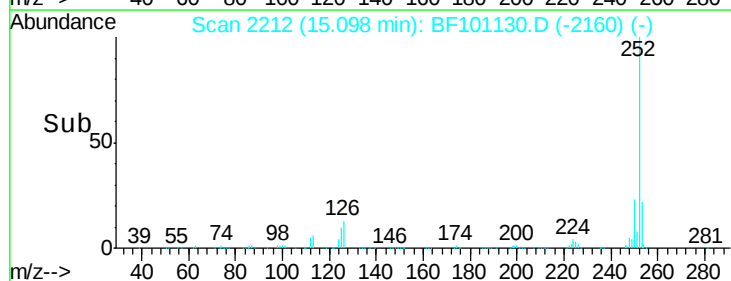
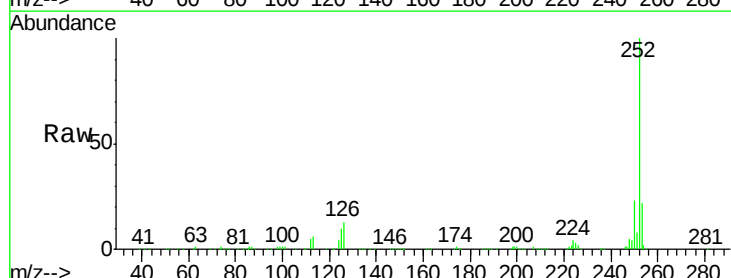
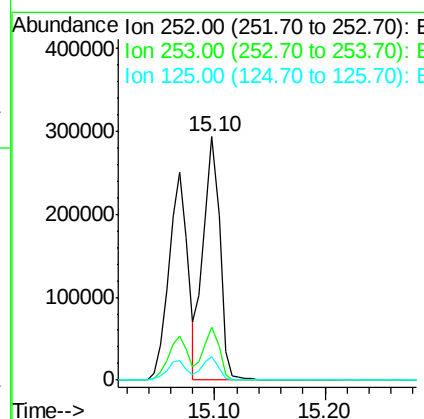
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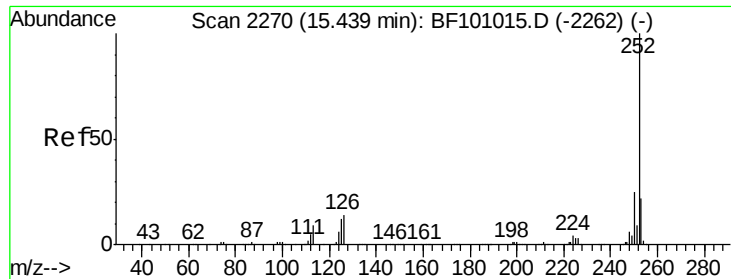
Sohil
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#88
Benzo(k)fluoranthene
Concen: 44.844 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	9.7	10.2	15.2#





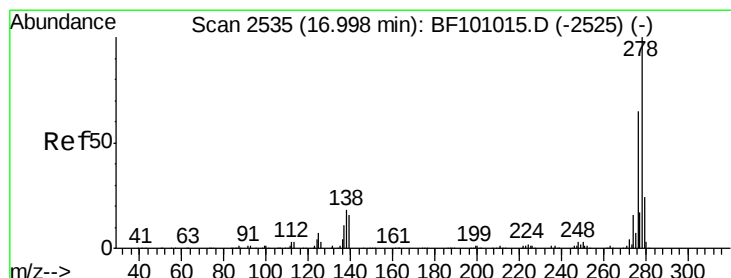
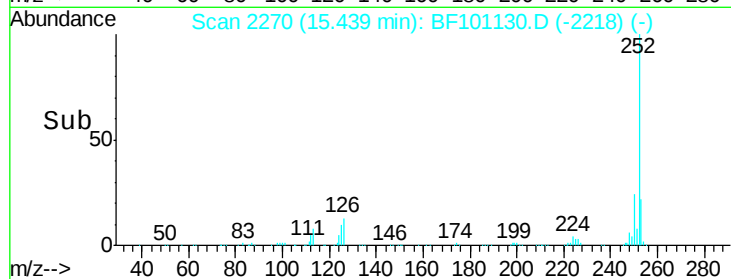
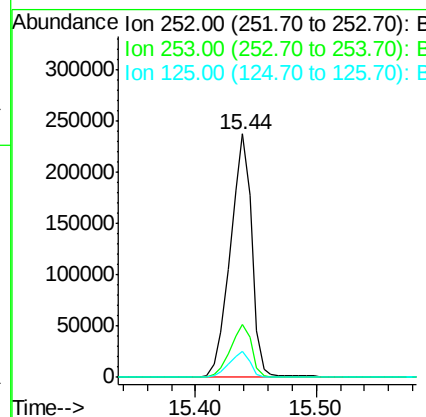
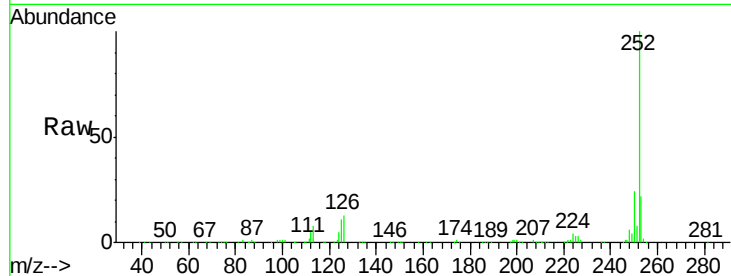
#89
Benzo(a)pyrene
Concen: 47.497 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
ENV-105-6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	10.6	9.8	14.6

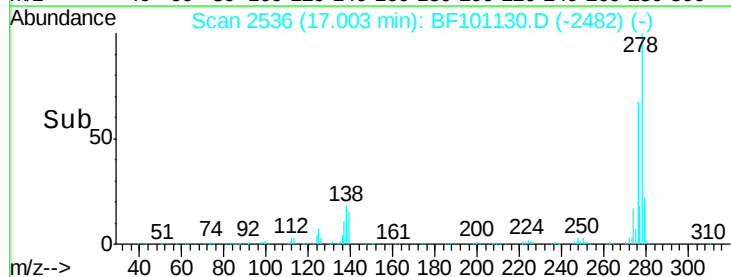
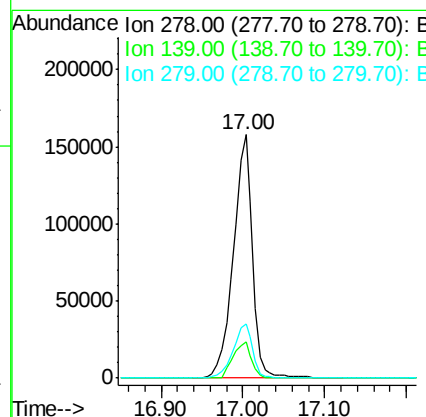
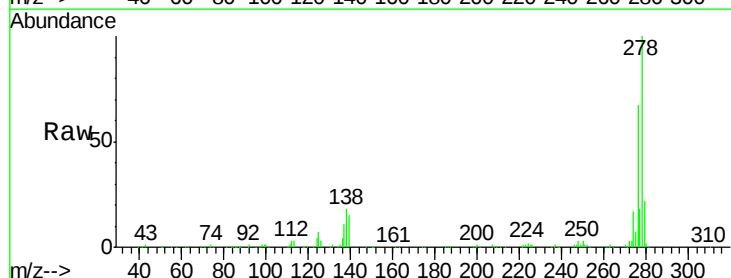
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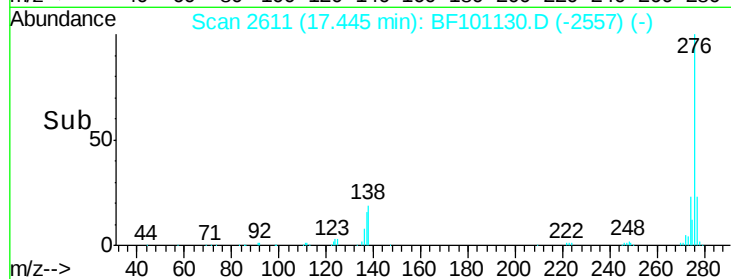
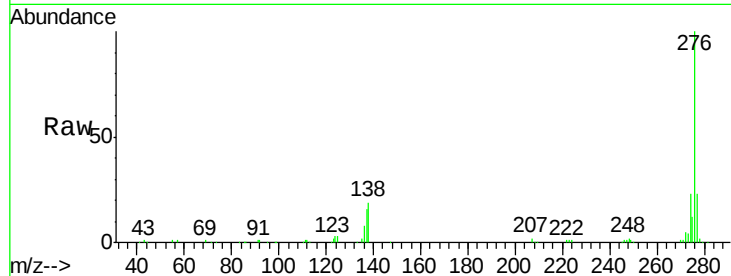
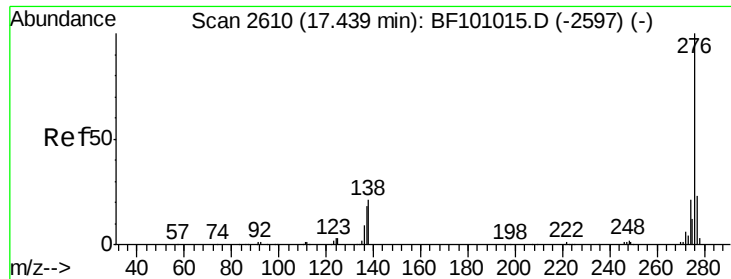
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 47.208 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.02 min
Lab File: BF101130.D
Acq: 5 Dec 2017 17:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.0	15.9	23.9#
279	22.4	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 46.676 ng
 RT: 17.44 min Scan# 2611
 Delta R.T. 0.02 min
 Lab File: BF101130.D
 Acq: 5 Dec 2017 17:54

Instrument :
 BNA_F
 ClientSampleId :
 ENV-105-6(0-5)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.8	17.9	26.9
138	19.2	21.8	32.8

Manual Integrations
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