

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
 Data File : BF101305.D
 Acq On : 11 Dec 2017 23:37
 Operator : SJ/JU
 Sample : PB104912BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104912BS

Manual Integrations
 APPROVED

Sohil
 12/12/2017 3:59:22 PM

Quant Time: Dec 12 03:09:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	47247	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	180908	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	80715	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	136012	20.00	ng	0.00
75) Chrysene-d12	14.02	240	99505	20.00	ng	0.01
86) Perylene-d12	15.49	264	83450	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	248395	86.88	ng	0.02
7) Phenol-d6	6.47	99	295506	85.13	ng	0.01
23) Nitrobenzene-d5	7.40	82	265794	87.64	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	68117	70.25	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	553619	93.84	ng	0.00
78) Terphenyl-d14	12.94	244	383122	84.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	42369	35.835	ng	95
3) Pyridine	3.42	79	114254	37.277	ng	94
4) n-Nitrosodimethylamine	3.39	42	63173	42.200	ng	# 81
6) Aniline	6.50	93	61127	13.541	ng	# 90
8) 2-Chlorophenol	6.62	128	128789	41.311	ng	93
9) Benzaldehyde	6.38	77	34695	16.330	ng	98
10) Phenol	6.49	94	150834	39.077	ng	93
11) bis(2-Chloroethyl)ether	6.57	93	116732	40.319	ng	98
12) 1,3-Dichlorobenzene	6.77	146	150546	41.472	ng	97
13) 1,4-Dichlorobenzene	6.85	146	151446	40.296	ng	98
14) 1,2-Dichlorobenzene	7.00	146	141839	40.461	ng	97
15) Benzyl Alcohol	6.98	79	106598	39.759	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	181638	46.154	ng	88
17) 2-Methylphenol	7.09	107	106022	42.117	ng	94
18) Hexachloroethane	7.33	117	43035	35.641	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	89108	38.116	ng	94
20) 3+4-Methylphenols	7.25	107	135363	41.231	ng	# 59
22) Acetophenone	7.25	105	171927	39.337	ng	# 91
24) Nitrobenzene	7.42	77	129377	43.528	ng	96
25) Isophorone	7.66	82	232171	44.819	ng	97
26) 2-Nitrophenol	7.73	139	60267	36.937	ng	97
27) 2,4-Dimethylphenol	7.77	122	112745	47.767	ng	97
28) bis(2-Chloroethoxy)methane	7.86	93	148081	42.533	ng	98
29) 2,4-Dichlorophenol	7.98	162	112166	43.658	ng	94
30) 1,2,4-Trichlorobenzene	8.06	180	120652	42.708	ng	96
31) Naphthalene	8.14	128	369855	41.482	ng	99
32) Benzoic acid	7.89	122	26777m	14.586	ng	
33) 4-Chloroaniline	8.19	127	42694	11.917	ng	95
34) Hexachlorobutadiene	8.25	225	72383	41.775	ng	98
35) Caprolactam	8.57	113	31005m	38.724	ng	
36) 4-Chloro-3-methylphenol	8.68	107	111254	41.804	ng	98
37) 2-Methylnaphthalene	8.83	142	255336	42.146	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	114849	39.168	ng	# 96
40) Hexachlorocyclopentadiene	8.97	237	6715	13.813	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	73655	42.851	nq	99
43) 2,4,5-Trichlorophenol	9.16	196	75588m	41.133	nq	
45) 1,1'-Biphenyl	9.29	154	292762	39.589	nq	98
46) 2-Chloronaphthalene	9.32	162	229617	43.721	nq	96
47) 2-Nitroaniline	9.42	65	67035	43.142	nq	98
48) Acenaphthylene	9.73	152	346498	40.146	nq	99
49) Dimethylphthalate	9.59	163	274954	42.239	nq	99
50) 2,6-Dinitrotoluene	9.66	165	54055	39.426	nq	97
51) Acenaphthene	9.91	154	202747	39.230	nq	99
52) 3-Nitroaniline	9.83	138	44375	28.781	nq	95
53) 2,4-Dinitrophenol	9.96	184	3517	9.515	nq #	3
54) Dibenzofuran	10.08	168	301603	40.496	nq	98
55) 4-Nitrophenol	10.01	139	57000	54.818	nq	96
56) 2,4-Dinitrotoluene	10.07	165	65803	35.812	nq	94
57) Fluorene	10.42	166	234739	38.772	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	52850	35.919	nq #	86
59) Diethylphthalate	10.29	149	258272	40.226	nq	96
60) 4-Chlorophenyl-phenylether	10.41	204	118967	39.798	nq	94
61) 4-Nitroaniline	10.45	138	54305	33.930	nq	92
62) Azobenzene	10.57	77	214052	39.284	nq	96
64) 4,6-Dinitro-2-methylphenol	10.49	198	5282	5.790	nq	76
65) n-Nitrosodiphenylamine	10.53	169	215273	44.864	nq	95
66) 4-Bromophenyl-phenylether	10.90	248	70839	46.530	nq #	81
67) Hexachlorobenzene	10.97	284	69009	42.294	nq #	90
68) Atrazine	11.06	200	69415	47.161	nq	97
69) Pentachlorophenol	11.17	266	45247	50.434	nq	96
70) Phenanthrene	11.39	178	304844	40.699	nq	99
71) Anthracene	11.44	178	312533	41.228	nq	98
72) Carbazole	11.60	167	268859	38.817	nq	99
73) Di-n-butylphthalate	11.92	149	368774	42.479	nq	98
74) Fluoranthene	12.58	202	291611	35.123	nq	94
76) Benzidine	12.70	184	153447	47.423	nq	97
77) Pyrene	12.81	202	290699	42.338	nq	99
79) Butylbenzylphthalate	13.42	149	129048	42.629	nq	93
80) Benzo(a)anthracene	14.00	228	264791	42.147	nq	97
81) 3,3'-Dichlorobenzidine	13.96	252	86532	39.770	nq	97
82) Chrysene	14.04	228	246861	42.309	nq	98
83) Bis(2-ethylhexyl)phthalate	13.97	149	182132	42.196	nq	98
84) Di-n-octyl phthalate	14.58	149	296077	41.198	nq	98
85) Indeno(1,2,3-cd)pyrene	16.99	276	183668	35.407	nq #	91
87) Benzo(b)fluoranthene	15.06	252	207422	41.497	nq	98
88) Benzo(k)fluoranthene	15.09	252	214740m	43.606	nq	
89) Benzo(a)pyrene	15.43	252	196333	43.205	nq	98
90) Dibenzo(a,h)anthracene	16.99	278	155698	38.865	nq #	95
91) Benzo(g,h,i)perylene	17.43	276	146530	38.811	nq #	91

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

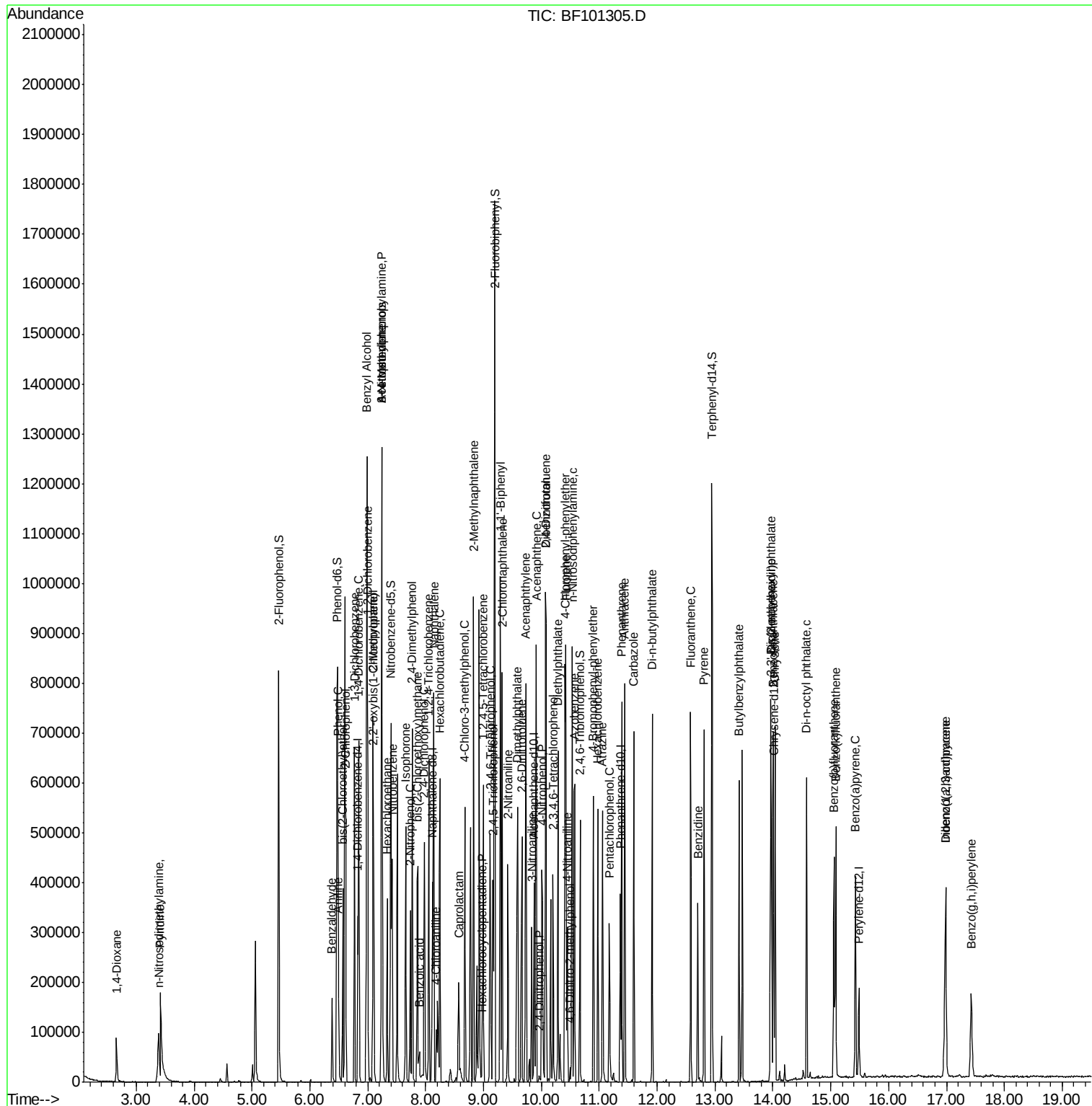
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Operator  : SJ/JU  
Sample    : PB104912BS  
Misc      :  
ALS Vial  : 27      Sample Multiplier: 1
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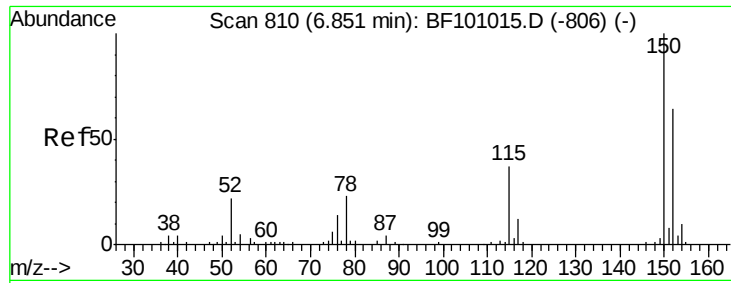
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BNA_F
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#1

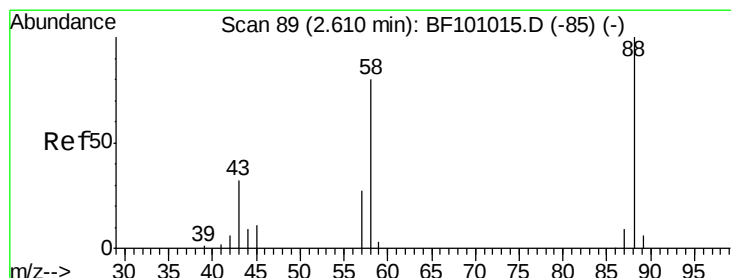
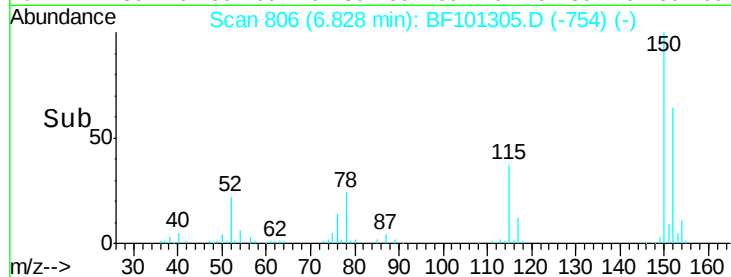
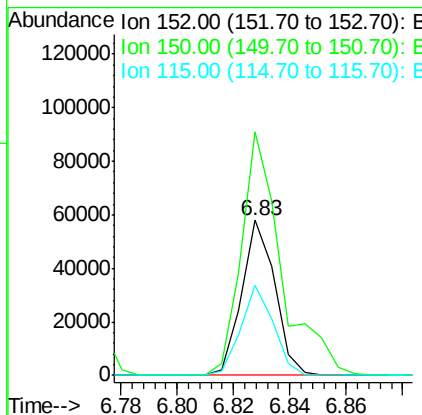
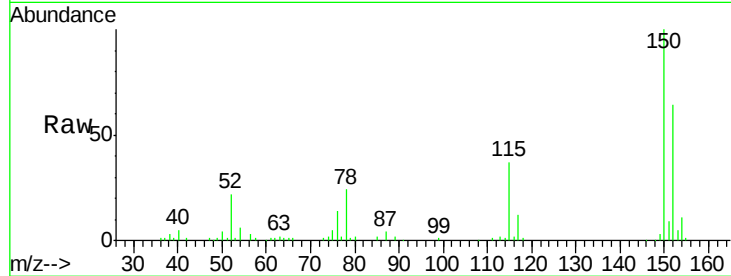
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Instrument :
BNA_F
ClientSampleId :
PB104912BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	58.5	50.1	75.1

Manual Integrations
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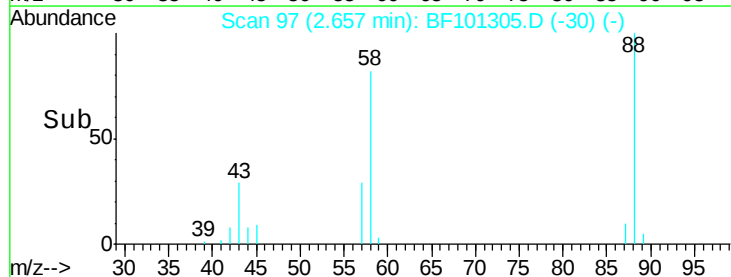
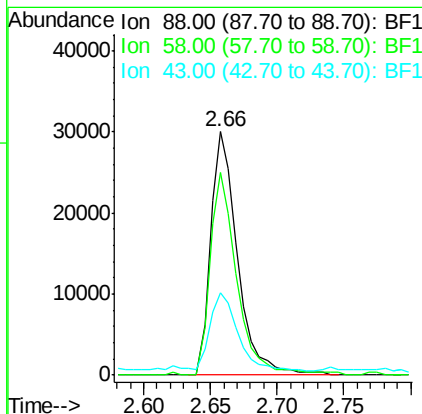
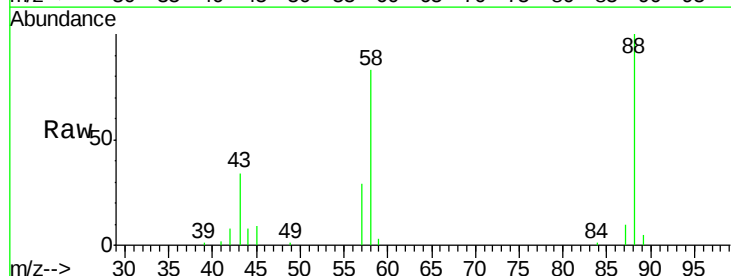
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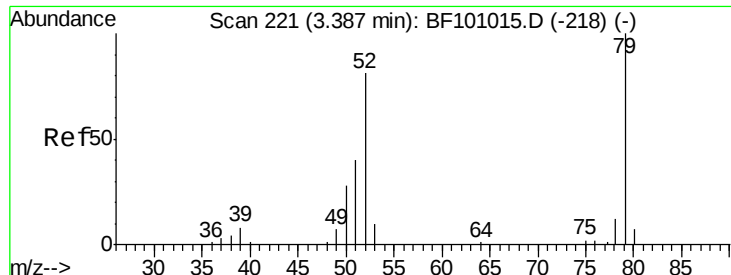


#2

1,4-Dioxane
Concen: 35.835 ng
RT: 2.66 min Scan# 97
Delta R.T. 0.09 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.9	62.6	93.8
43	32.7	24.6	37.0





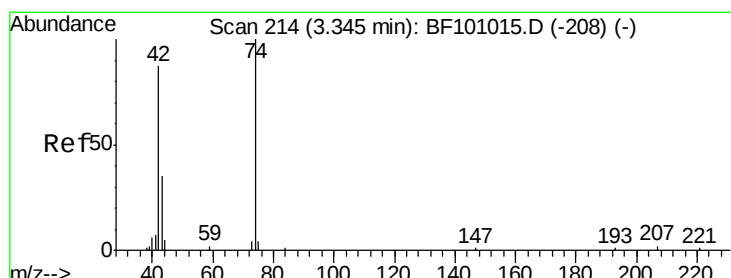
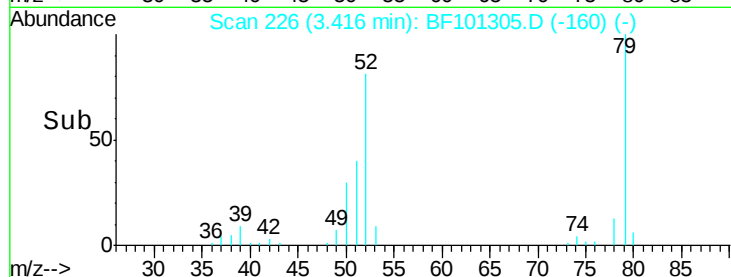
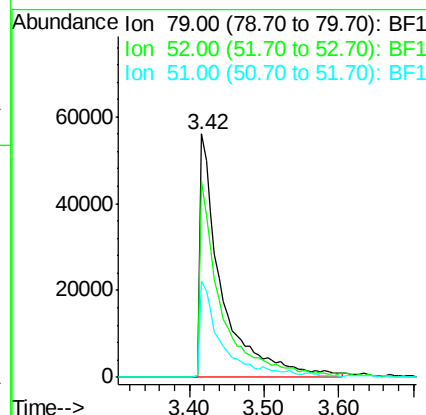
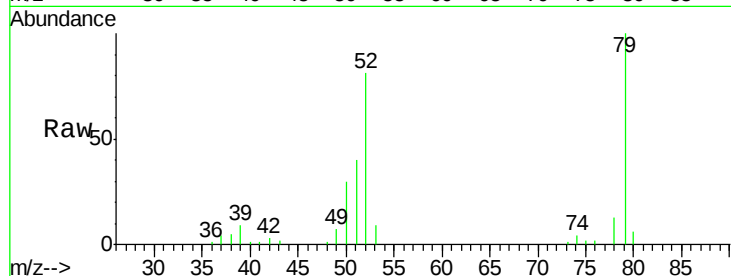
#3
 Pvridine
 Concen: 37.277 ng
 RT: 3.42 min Scan# 226
 Delta R.T. 0.09 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

Instrument :
 BNA_F
 ClientSampleId :
 PB104912BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	80.7	59.8	89.6
51	39.7	29.8	44.8

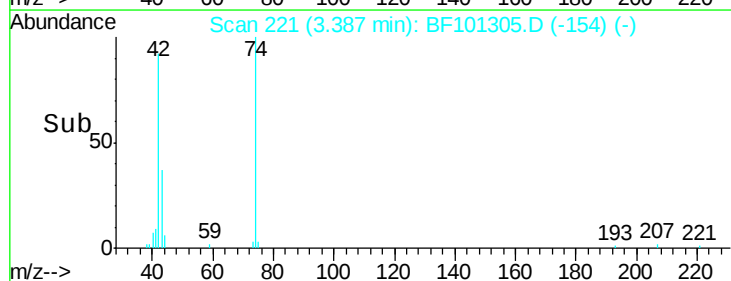
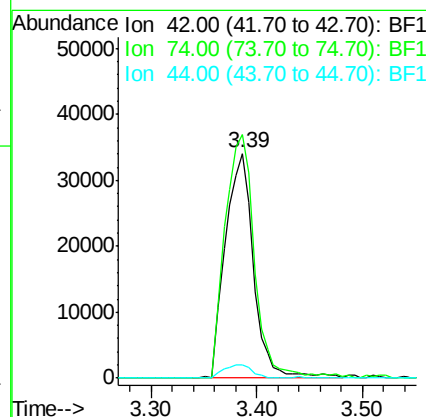
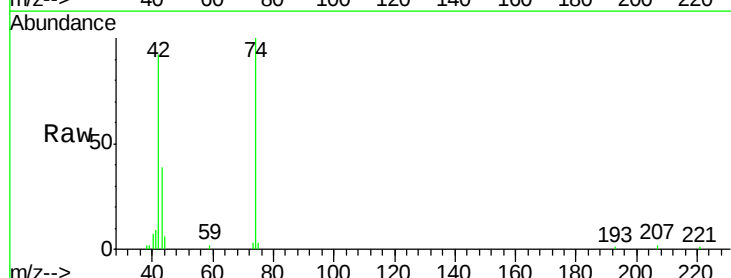
Manual Integrations
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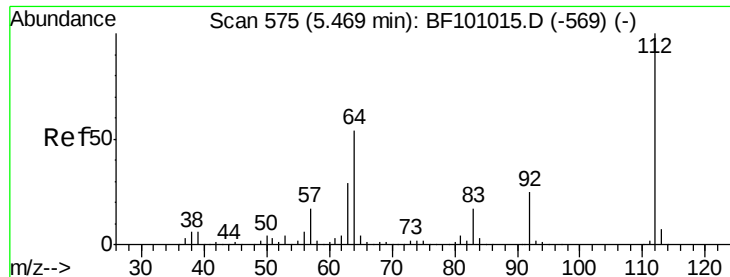
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#4
 n-Nitrosodimethylamine
 Concen: 42.200 ng
 RT: 3.39 min Scan# 221
 Delta R.T. 0.09 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

Tgt Ion	Ratio	Lower	Upper
42	100		
74	108.3	104.9	157.3
44	6.0	6.9	10.3





#5

2-Fluorophenol

Concen: 86.875 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.02 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

Instrument :

BNA_F

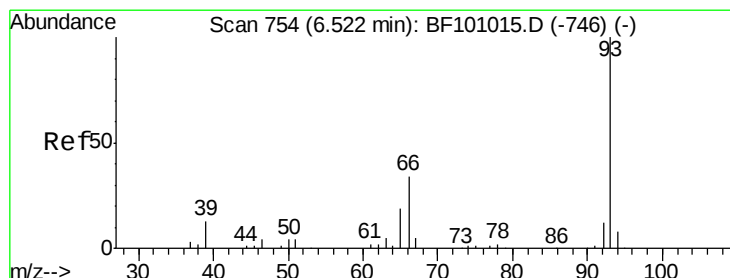
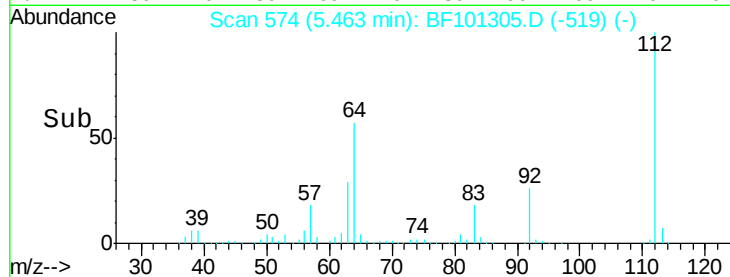
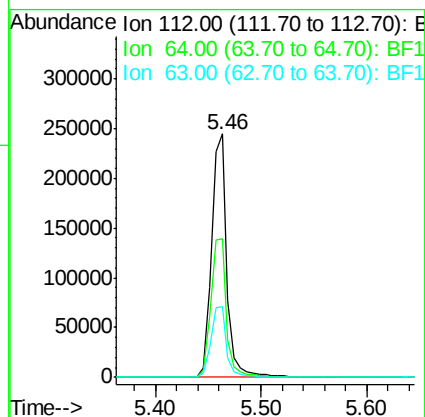
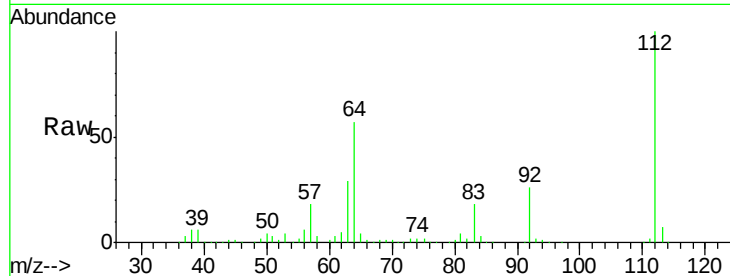
ClientSampleId :

PB104912BS

Tot Ion:	112	Resp:	248395
Ion Ratio		Lower	Upper
112	100		
64	57.1	47.9	71.9
63	29.3	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 13.541 ng

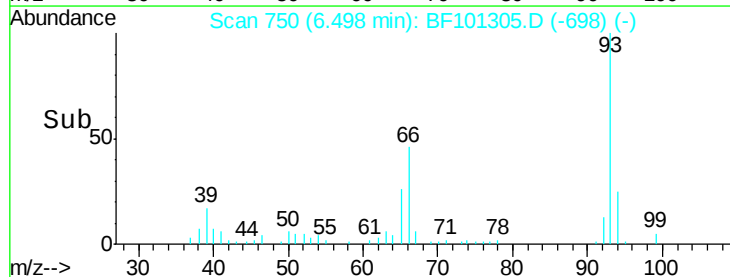
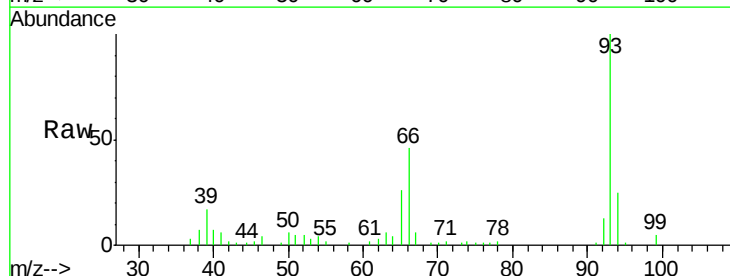
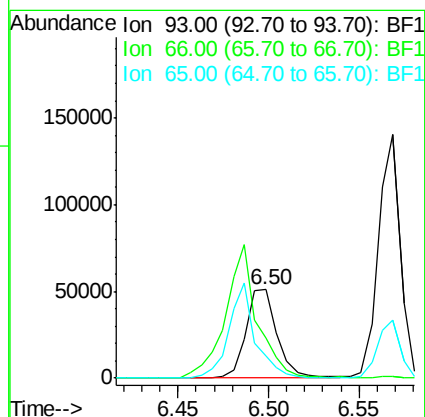
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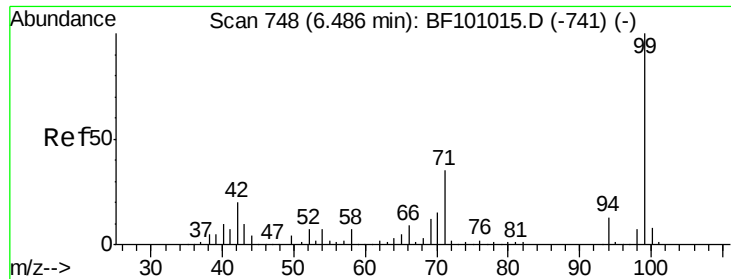
Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

Tgt Ion:	93	Resp:	61127
Ion Ratio		Lower	Upper
93	100		
66	45.6	32.2	48.2
65	25.6	16.4	24.6





#7

Phenol-d6

Concen: 85.127 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

Instrument :

BNA_F

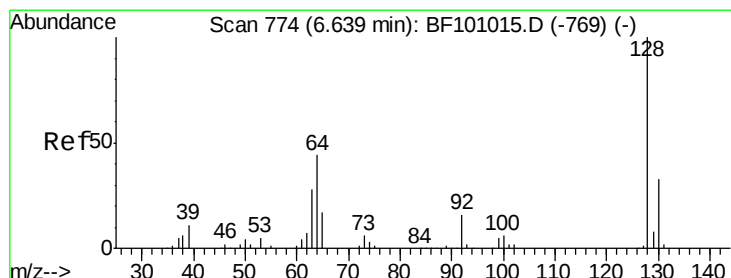
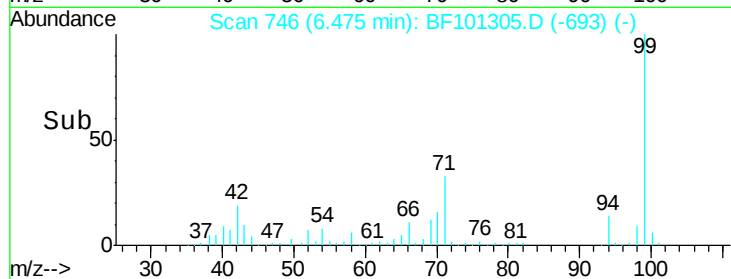
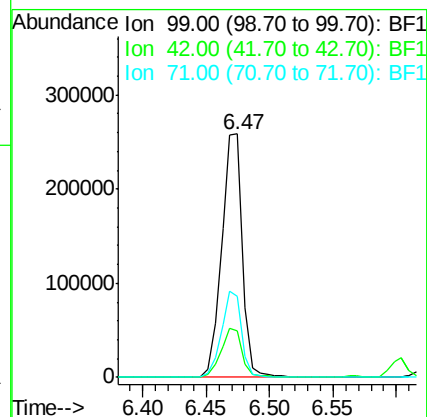
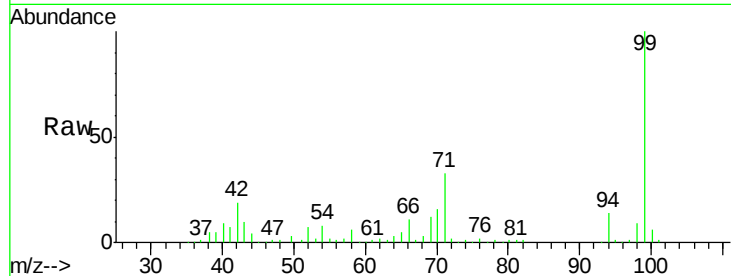
ClientSampleId :

PB104912BS

Tot Ion:	99	Resp:	295506
Ion Ratio	Lower	Upper	
99	100		
42	19.0	14.5	21.7
71	33.5	25.4	38.0

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#8

2-Chlorophenol

Concen: 41.311 ng

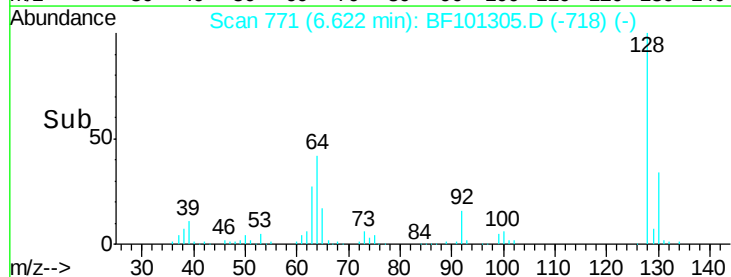
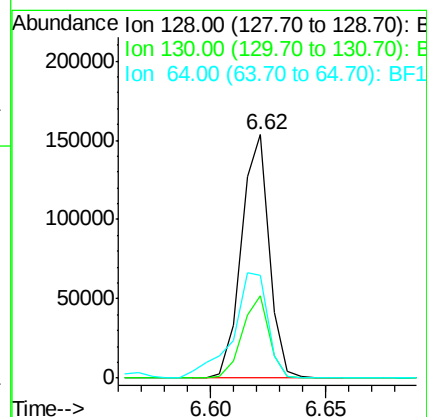
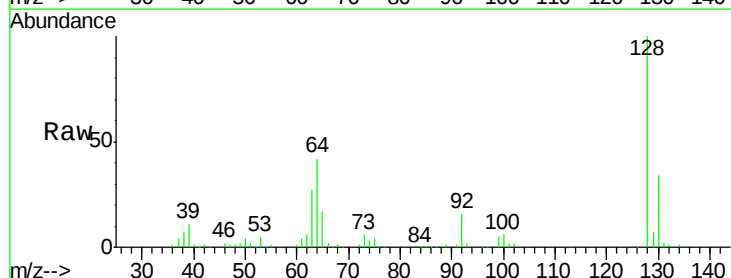
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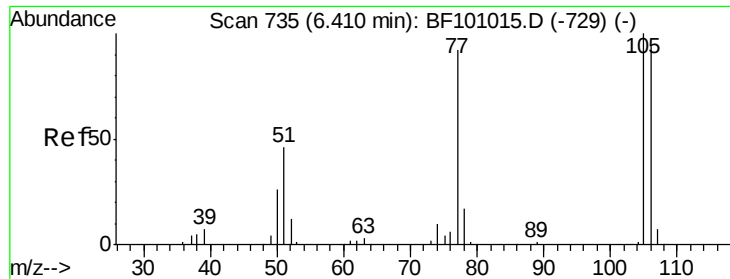
Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

Tgt Ion:	128	Resp:	128789
Ion Ratio	Lower	Upper	
128	100		
130	33.9	13.0	53.0
64	42.3	29.4	69.4





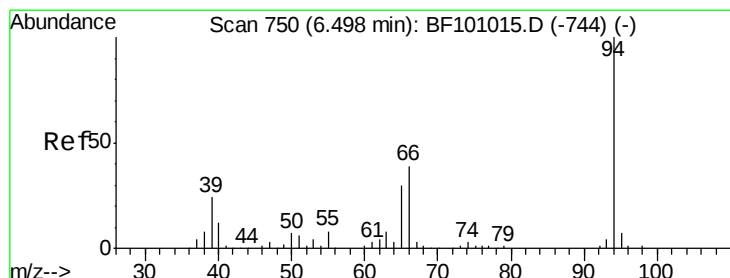
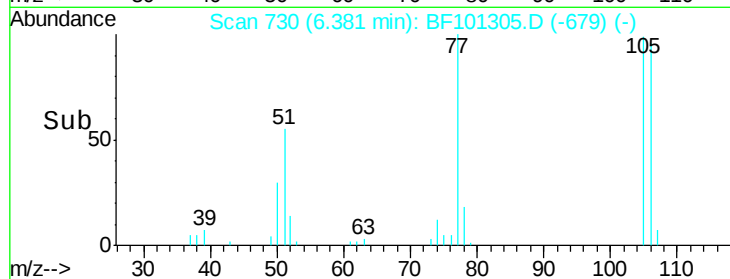
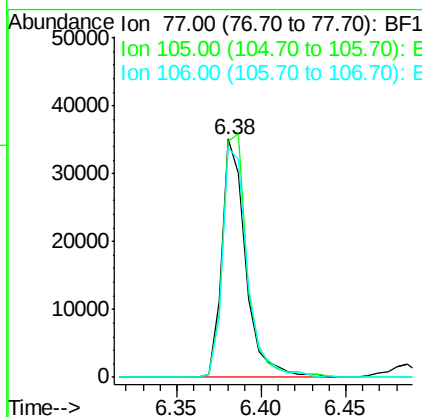
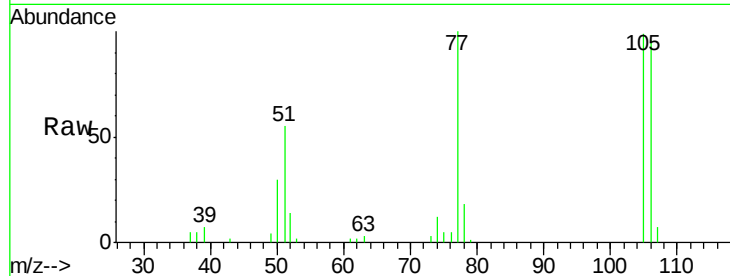
#9
Benzaldehyde
Concen: 16.330 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF101305.D
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Instrument :
BNA_F
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	99.1	81.1	121.1		
106	96.1	74.5	114.5		

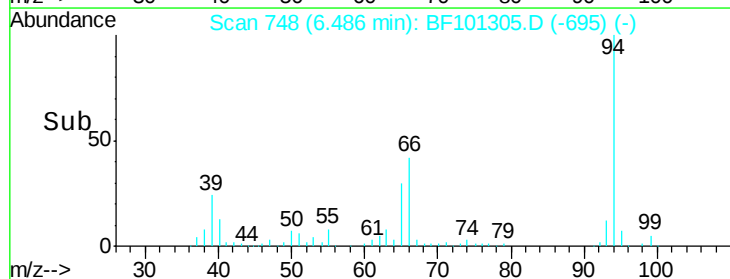
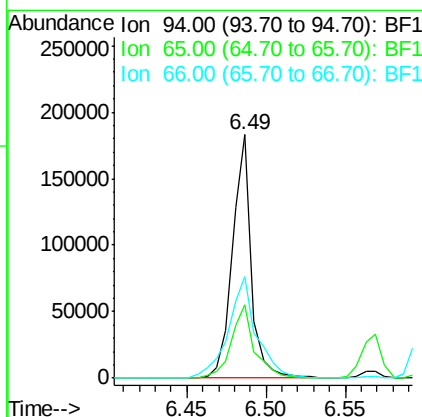
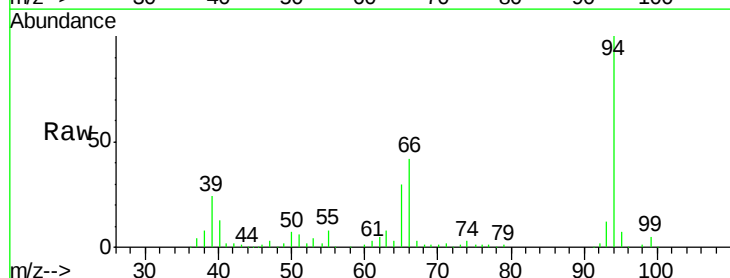
Manual Integrations
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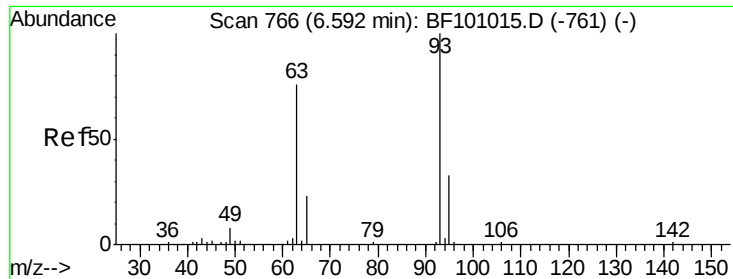
Sohil
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#10
Phenol
Concen: 39.077 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	30.0	7.9	47.9		
66	41.9	16.2	56.2		





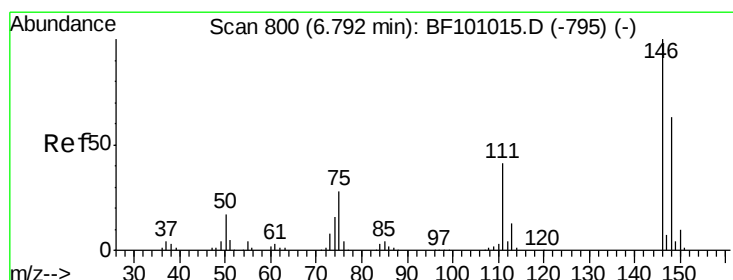
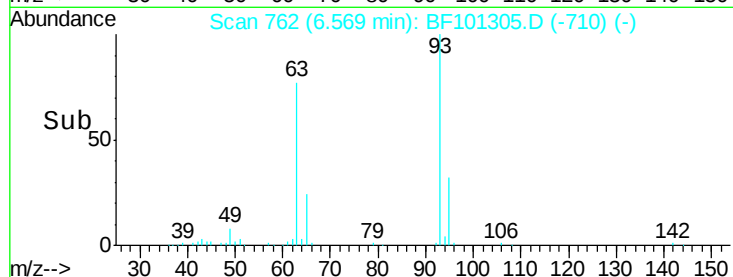
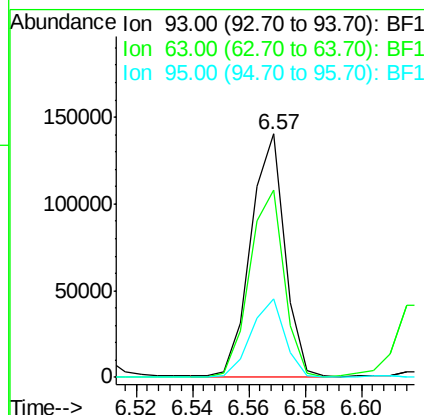
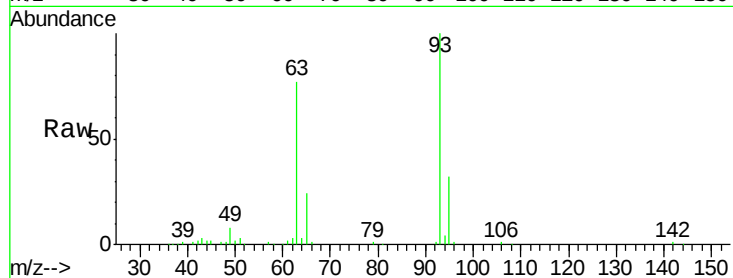
#11
bis(2-Chloroethyl)ether
Concen: 40.319 ng
RT: 6.57 min Scan# 762
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Instrument :
BNA_F
ClientSampleId :
PB104912BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	116732		
63	76.7	58.6	98.6	
95	32.2	11.8	51.8	

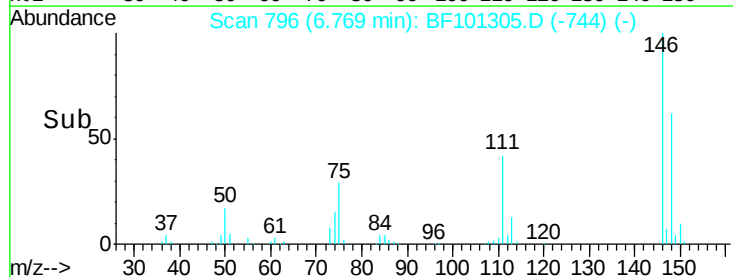
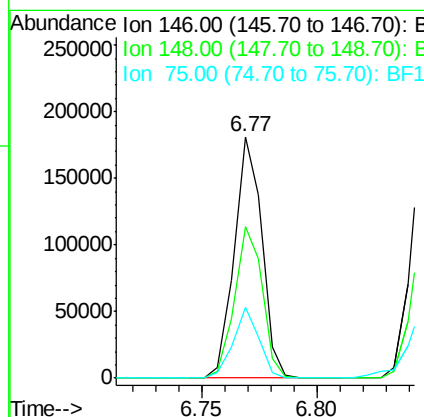
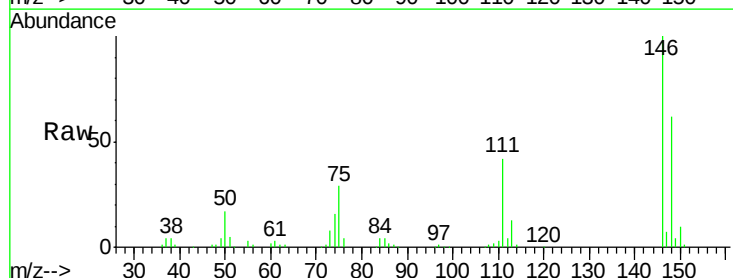
Manual Integrations
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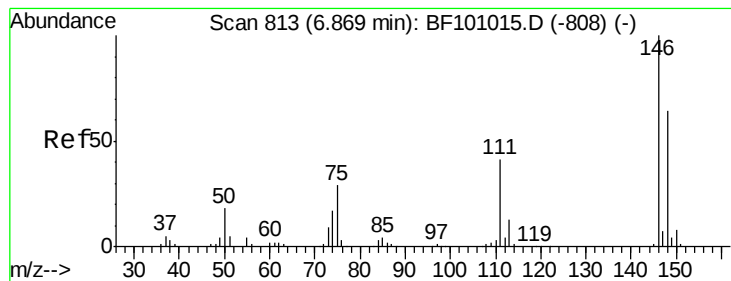
Sohil
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#12
1,3-Dichlorobenzene
Concen: 41.472 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	150546		
148	62.5	51.8	77.8	
75	29.1	24.2	36.4	





#13

1,4-Dichlorobenzene

Concen: 40.296 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

Instrument :

BNA_F

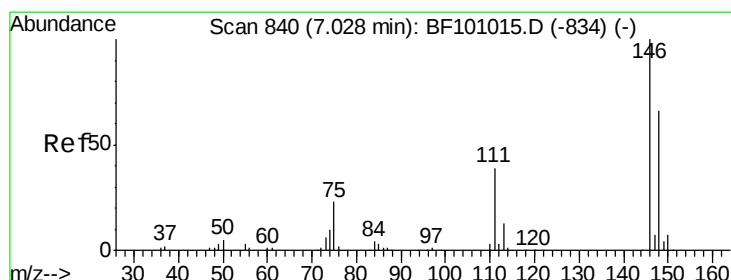
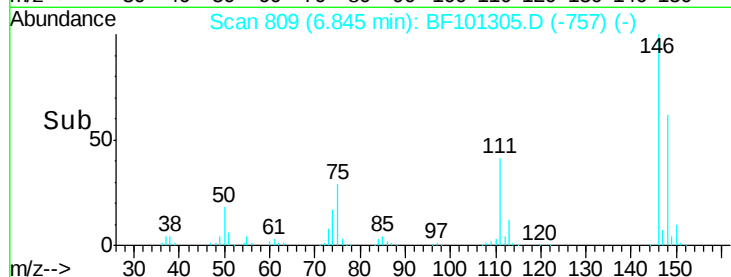
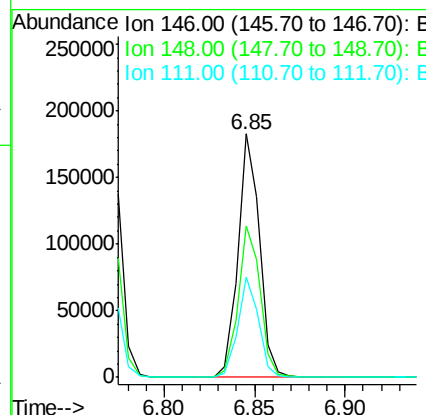
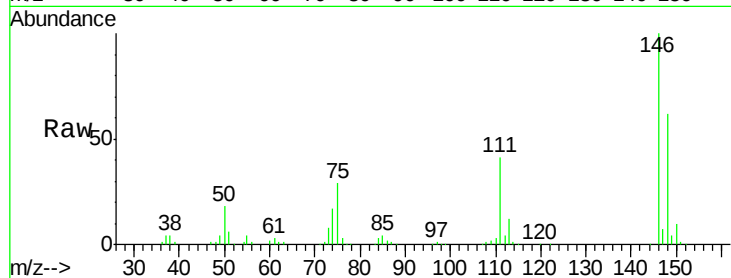
ClientSampleId :

PB104912BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.2	50.8	76.2
111	41.4	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 40.461 ng

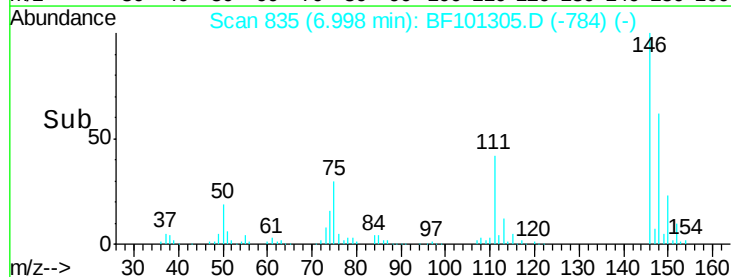
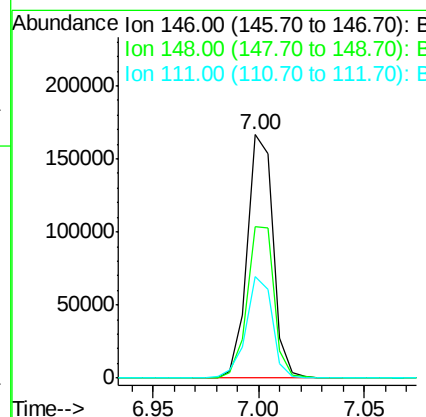
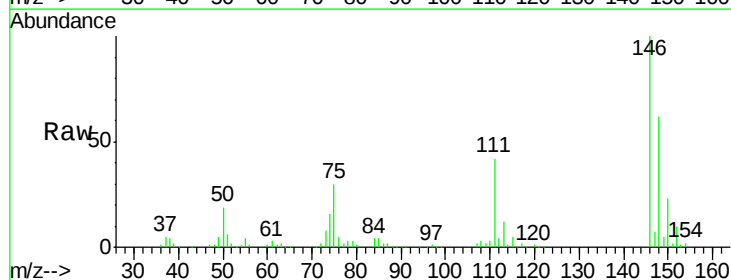
RT: 7.00 min Scan# 835

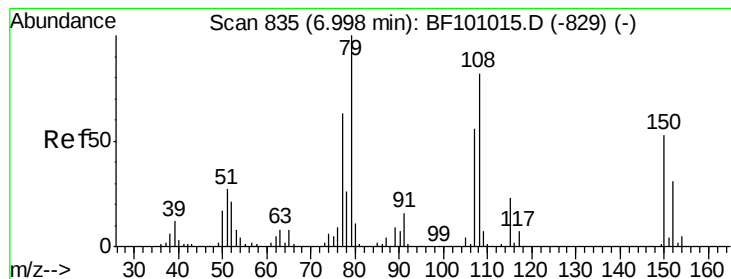
Delta R.T. -0.00 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	50.6	75.8
111	41.8	36.0	54.0





#15

Benzyl Alcohol

Concen: 39.759 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

Instrument :

BNA_F

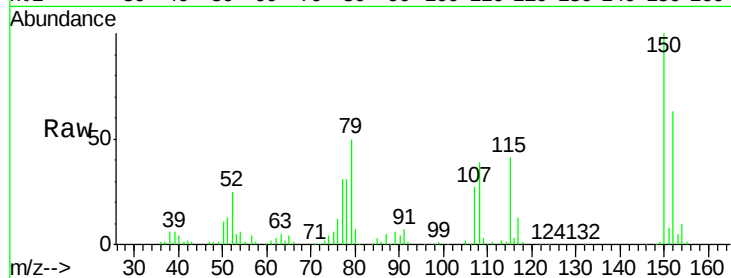
ClientSampleId :

PB104912BS

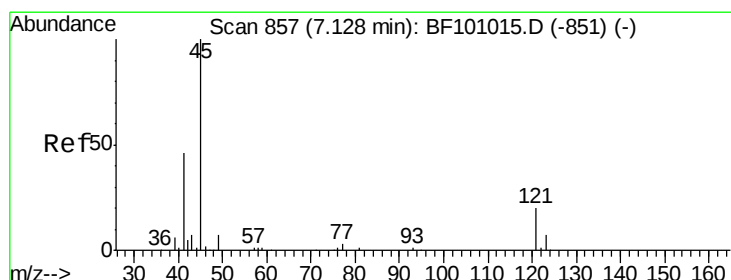
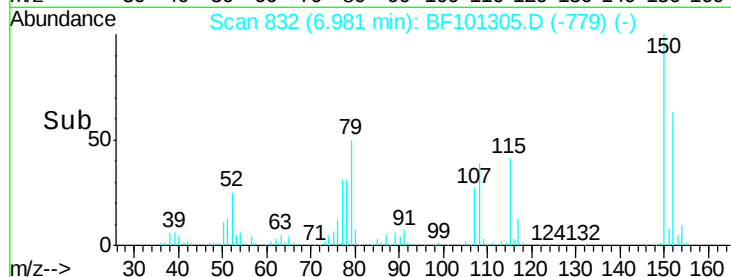
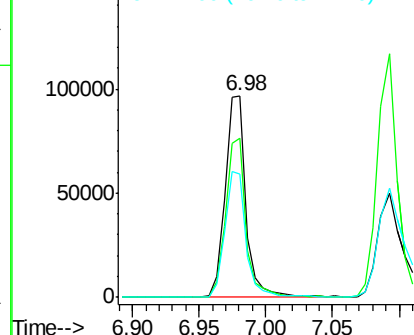
Tot Ion:	79	Resp:	106598
Ion Ratio	Lower	Upper	
79	100		
108	78.7	65.1	97.7
77	61.5	50.6	75.8

Manual Integrations
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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.154 ng

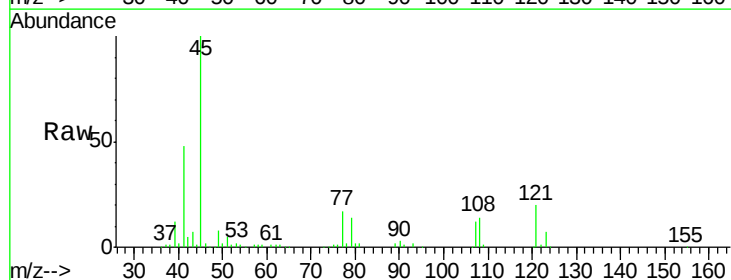
RT: 7.10 min Scan# 853

Delta R.T. 0.01 min

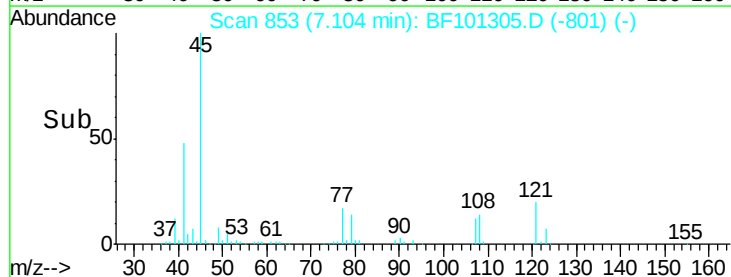
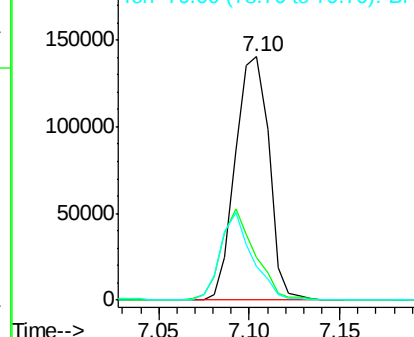
Lab File: BF101305.D

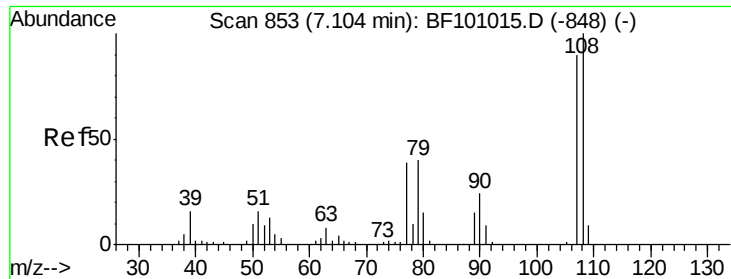
Acq: 11 Dec 2017 23:37

Tgt Ion:	45	Resp:	181638
Ion Ratio	Lower	Upper	
45	100		
77	17.4	0.0	32.9
79	13.9	0.0	29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





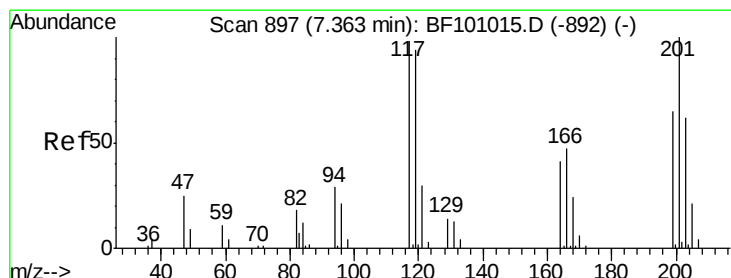
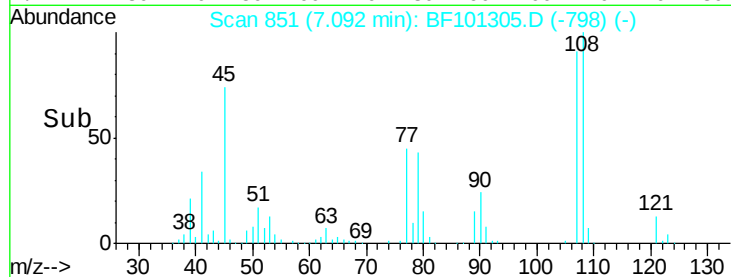
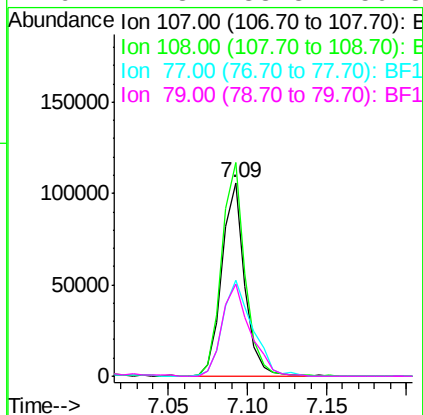
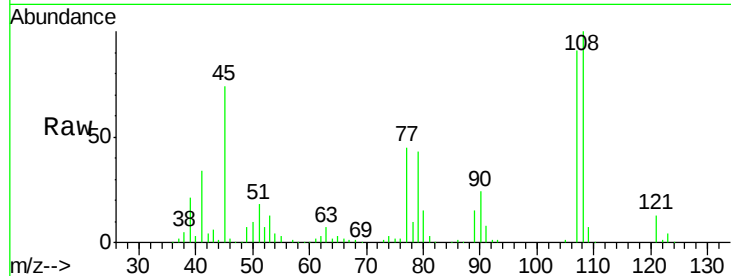
#17
2-Methylphenol
Concen: 42.117 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Instrument :
BNA_F
ClientSampleId :
PB104912BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.1	91.7	137.5	
77	49.3	33.8	50.8	
79	47.3	33.8	50.8	

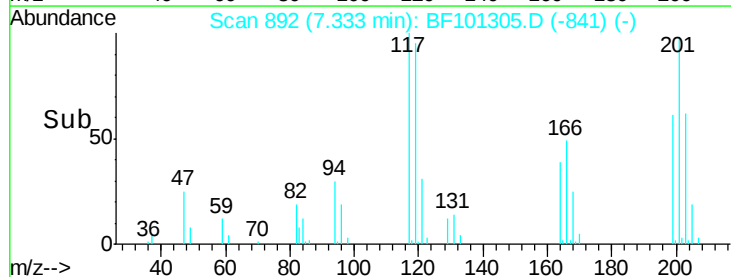
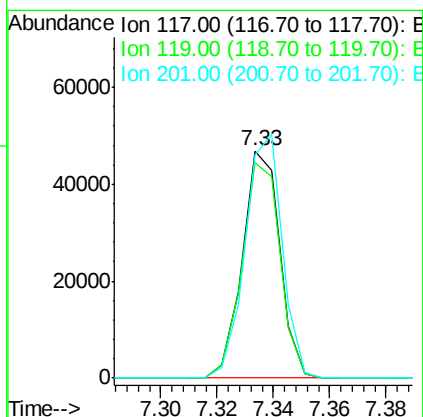
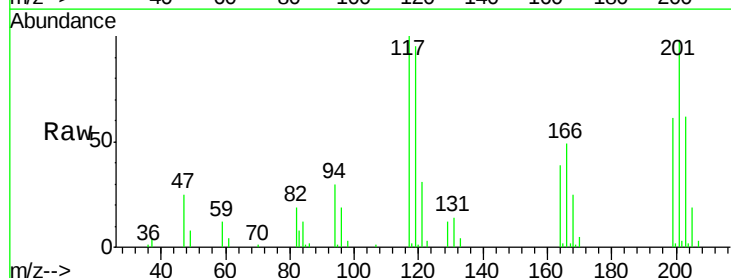
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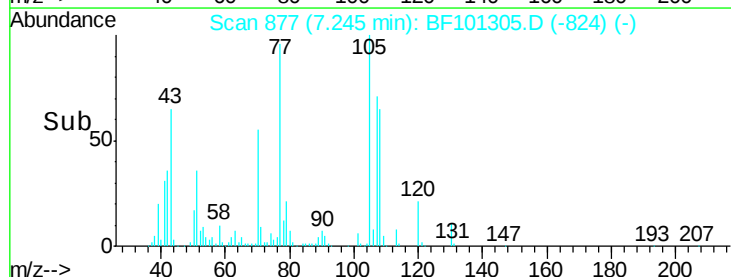
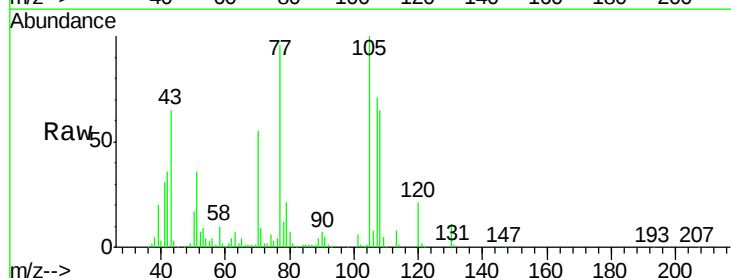
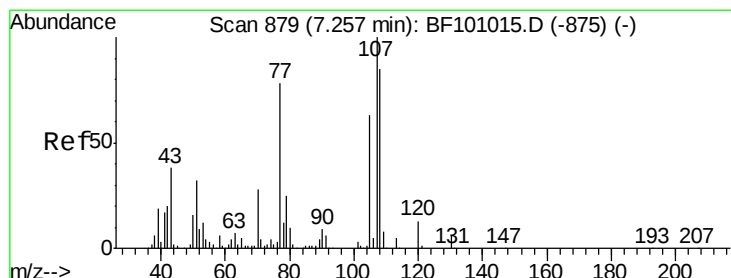
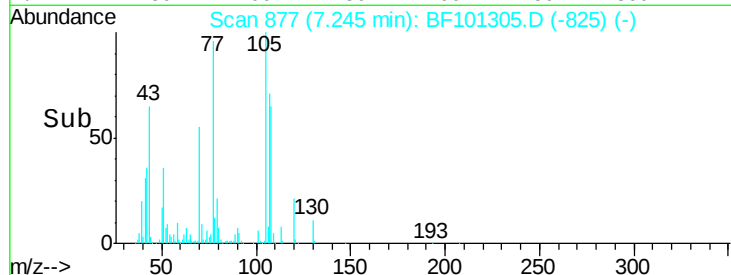
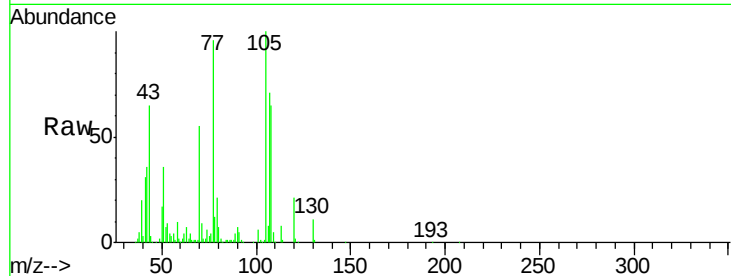
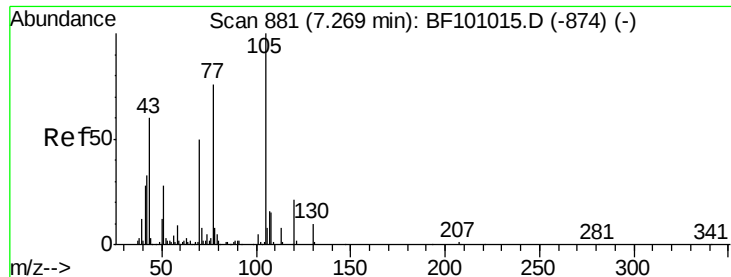
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#18
Hexachloroethane
Concen: 35.641 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.6	75.8	113.8	
201	98.1	75.7	113.5	





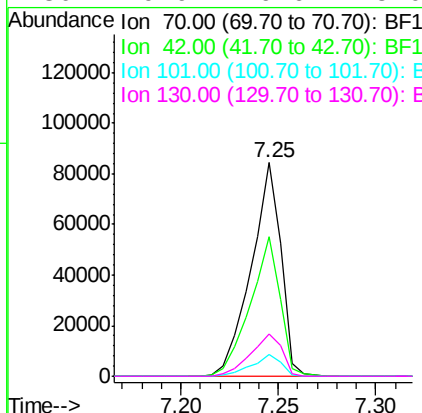
#19
n-Nitroso-di-n-propylamine
Concen: 38.116 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Instrument :
BNA_F
ClientSampleId :
PB104912BS

Tot Ion	70	Resp	89108
Ion Ratio	Lower	Upper	
70	100		
42	65.6	47.5	71.3
101	10.1	7.4	11.2
130	19.9	16.6	25.0

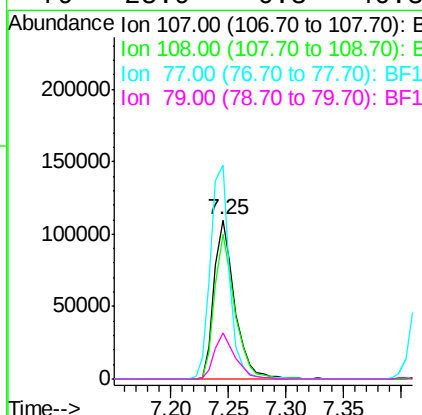
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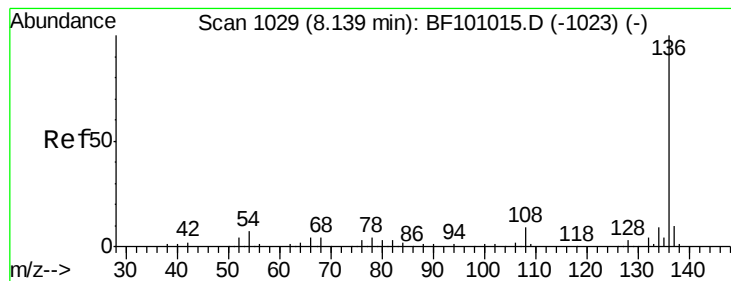
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#20
3+4-Methylphenols
Concen: 41.231 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Tgt Ion	107	Resp	135363
Ion Ratio	Lower	Upper	
107	100		
108	91.1	68.2	108.2
77	134.4	26.7	66.7#
79	28.9	6.3	46.3





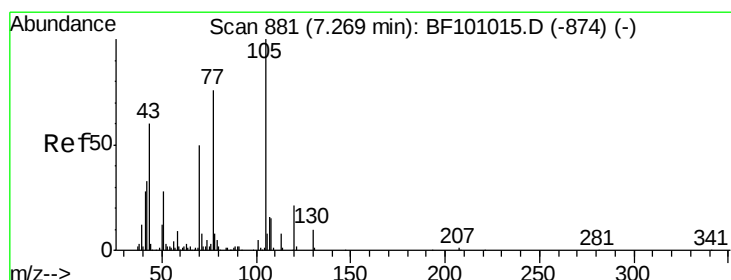
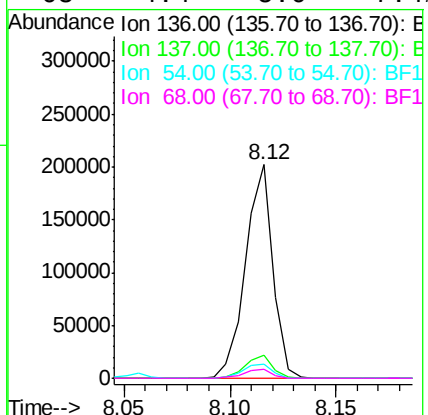
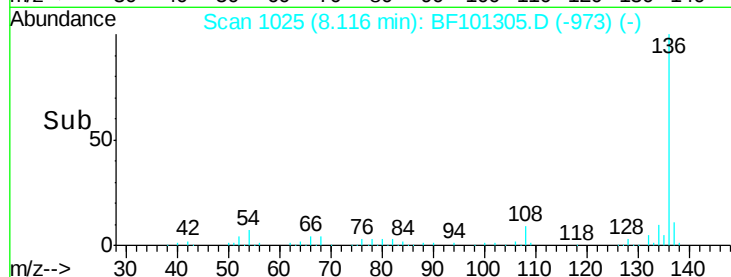
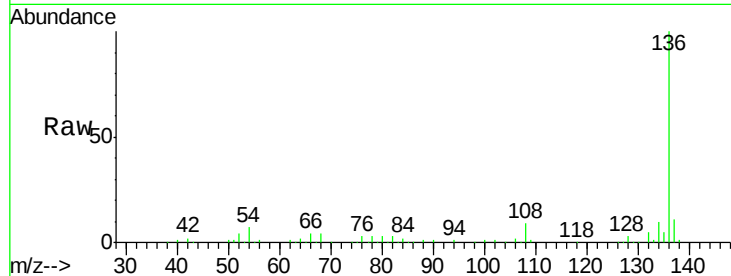
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Instrument :
BNA_F
ClientSampleId :
PB104912BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		180908		
137	10.6		8.9	13.3	
54	6.7		6.6	9.8	
68	4.4		5.0	7.4	

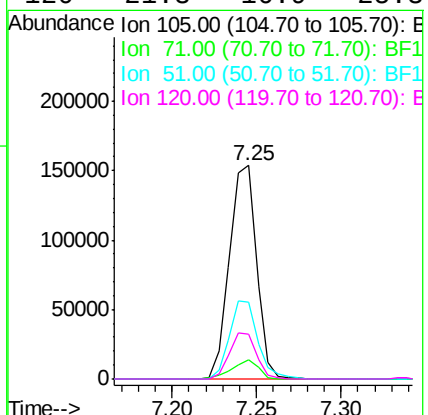
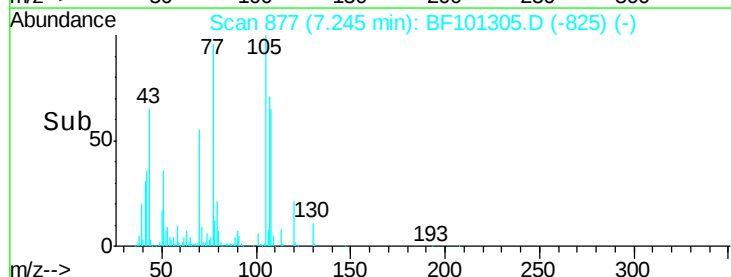
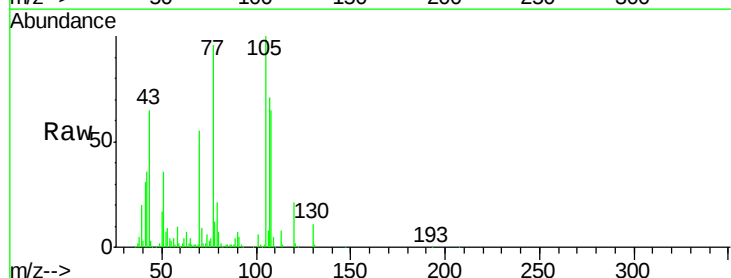
Manual Integrations
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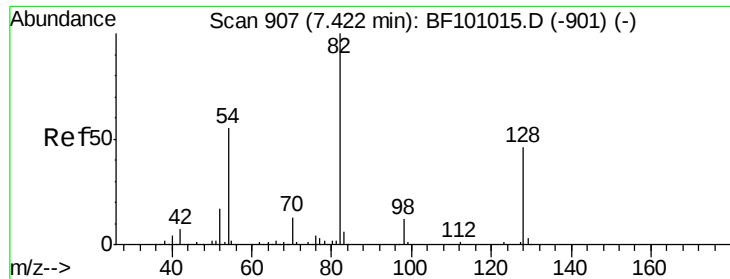
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#22
Acetophenone
Concen: 39.337 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		171927		
71	9.3		4.4	6.6	
51	36.0		22.3	33.5	
120	21.3		16.9	25.3	





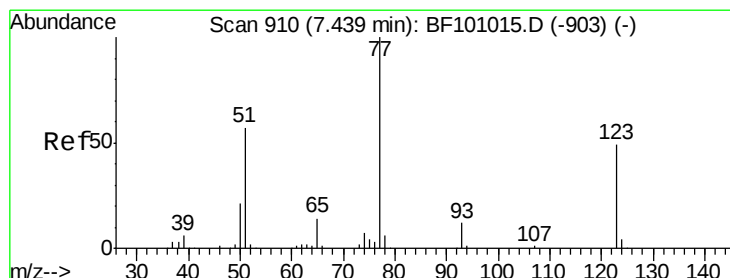
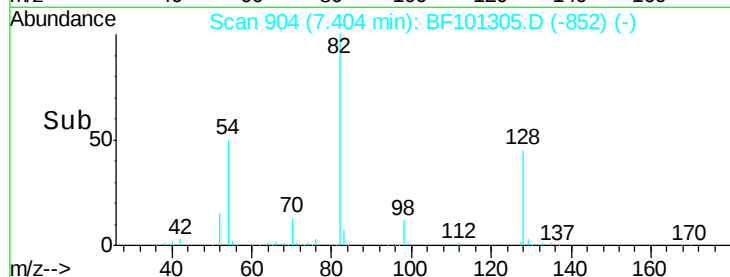
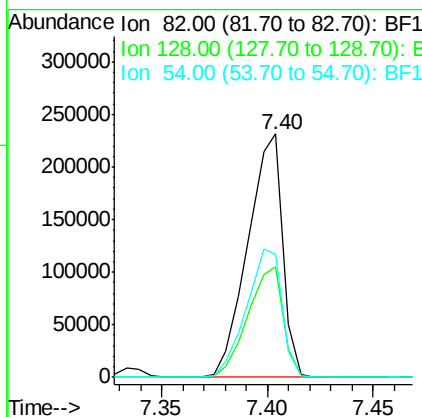
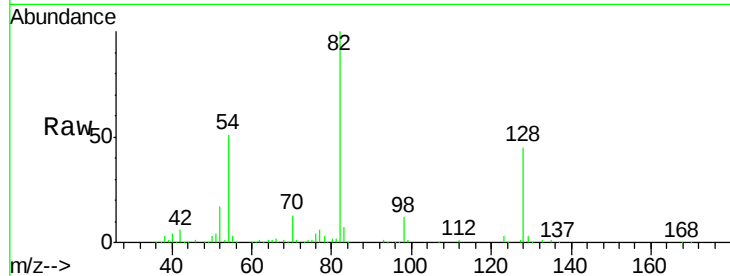
#23
Nitrobenzene-d5
Concen: 87.644 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Instrument :
BNA_F
ClientSampleId :
PB104912BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	265794		
128	45.3		36.1	54.1
54	50.6		41.4	62.2

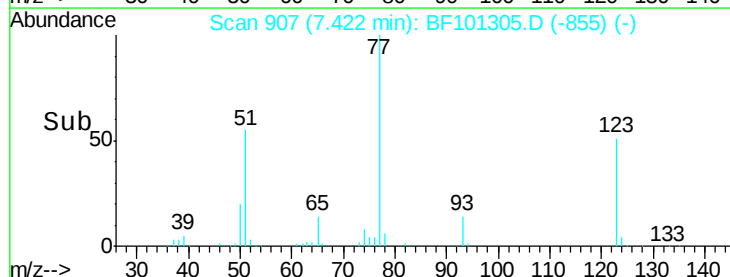
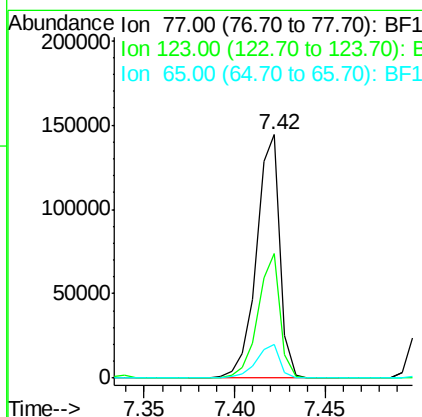
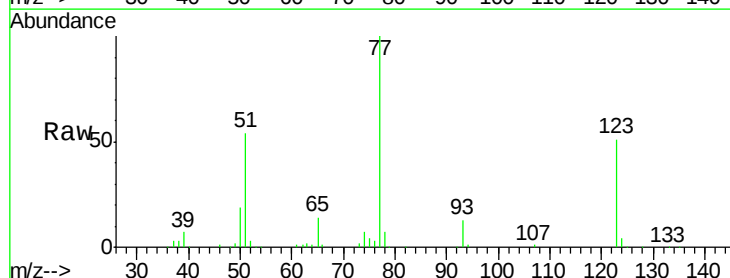
Manual Integrations
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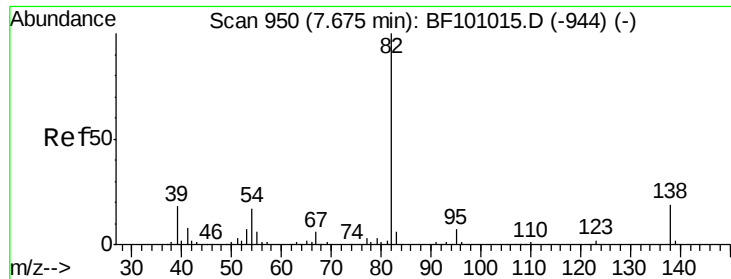
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#24
Nitrobenzene
Concen: 43.528 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	129377		
123	51.0		37.9	56.9
65	13.6		11.0	16.4





#25

Isophorone

Concen: 44.819 ng

RT: 7.66 min Scan# 947

Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

Instrument :

BNA_F

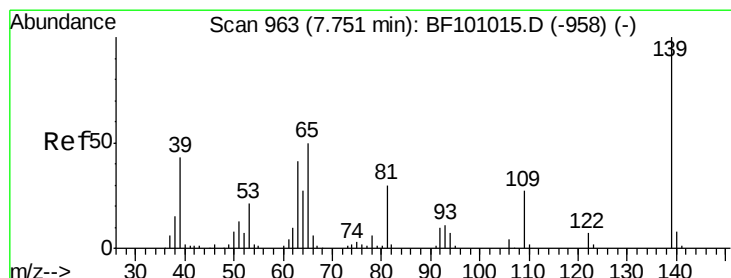
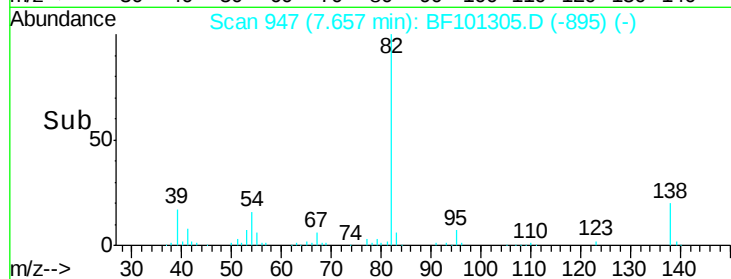
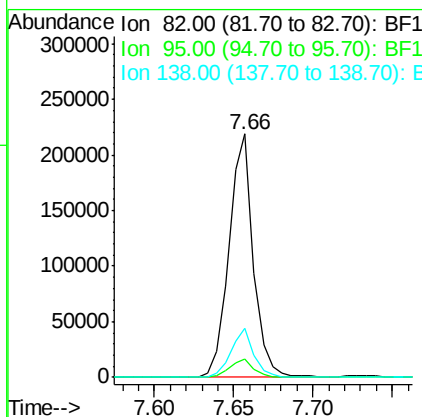
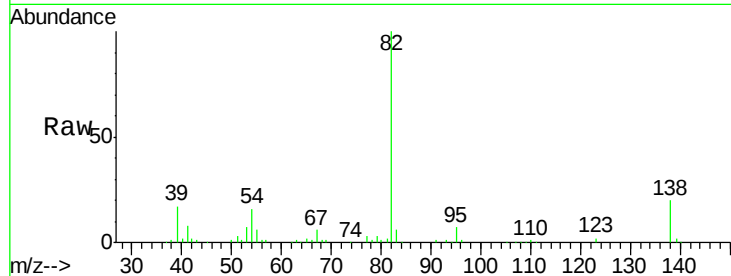
ClientSampleId :

PB104912BS

Tot Ion:	82	Resp:	232171
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.2	7.8
138	20.2	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 36.937 ng

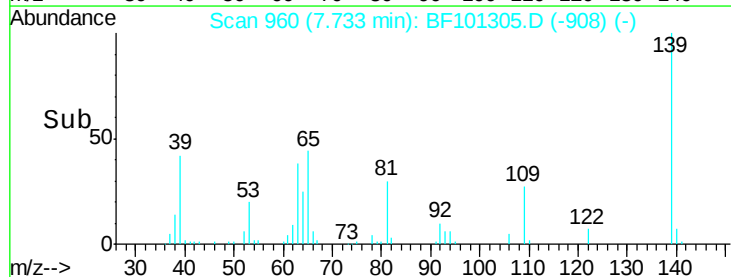
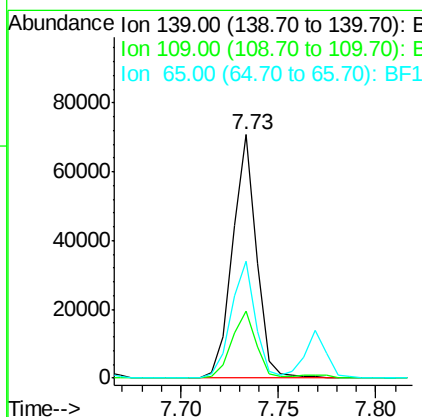
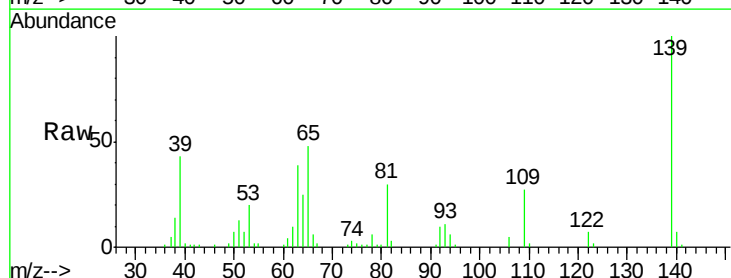
RT: 7.73 min Scan# 960

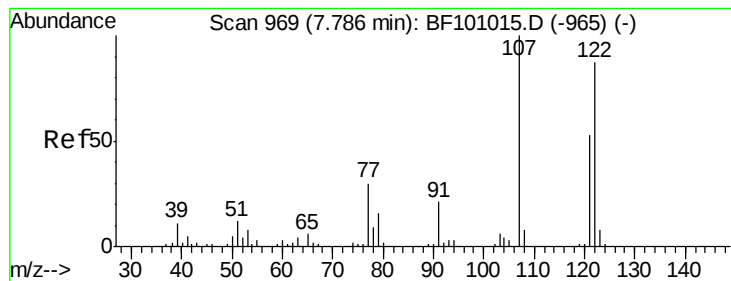
Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

Tgt Ion:	139	Resp:	60267
Ion Ratio	Lower	Upper	
139	100		
109	27.5	22.7	34.1
65	48.0	40.5	60.7





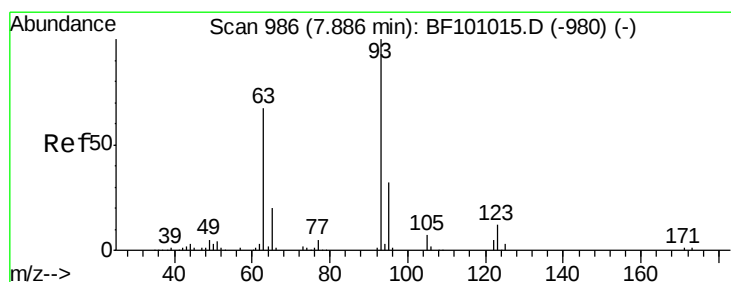
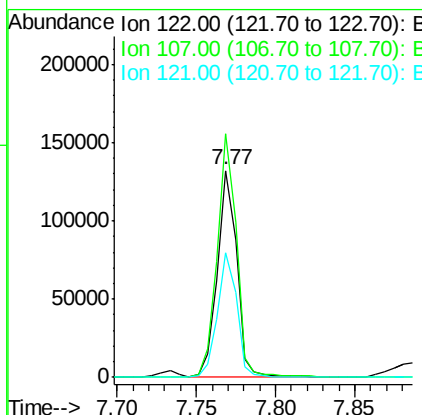
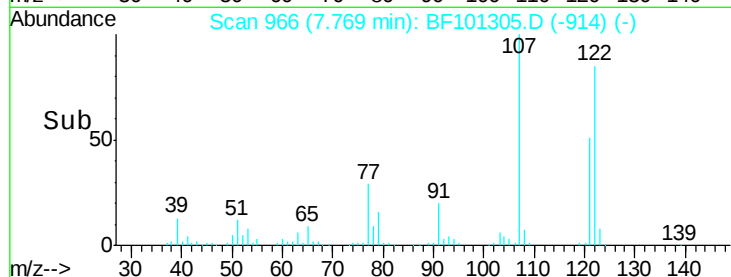
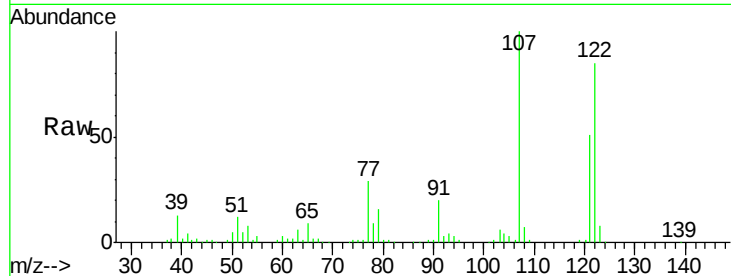
#27
2,4-Dimethylphenol
Concen: 47.767 ng
RT: 7.77 min Scan# 966
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Instrument :
BNA_F
ClientSampleId :
PB104912BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	117.7	91.2	136.8		
121	60.0	47.2	70.8		

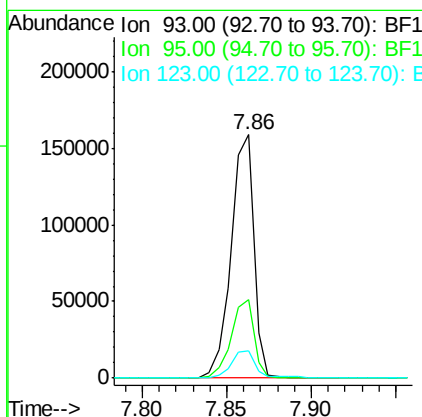
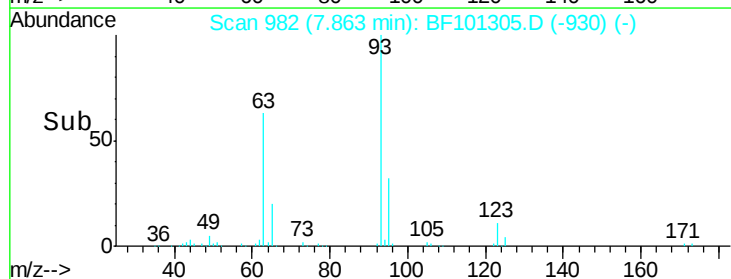
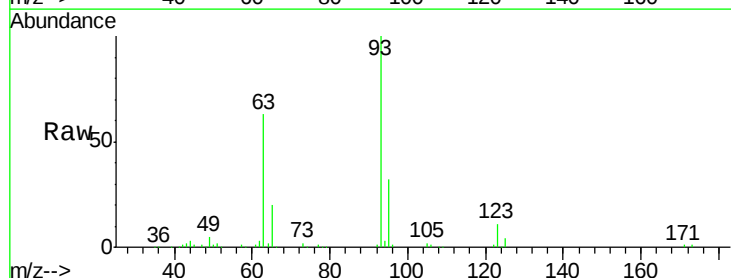
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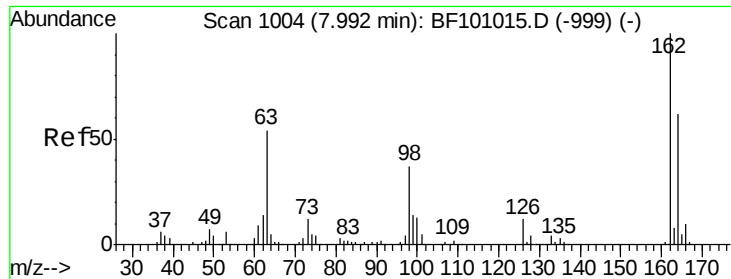
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 42.533 ng
RT: 7.86 min Scan# 982
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	32.1	26.3	39.5		
123	11.3	9.8	14.6		





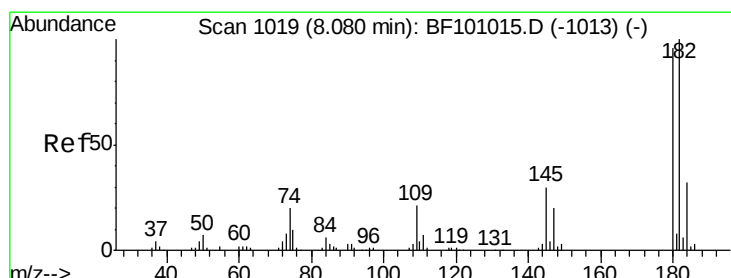
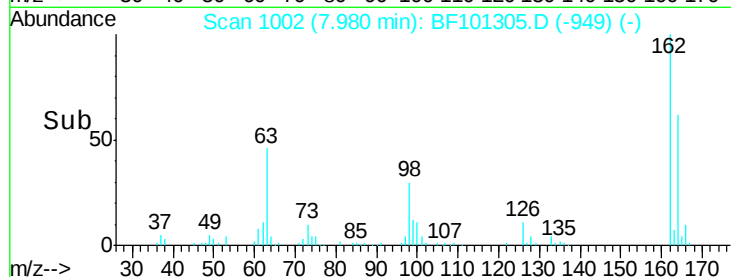
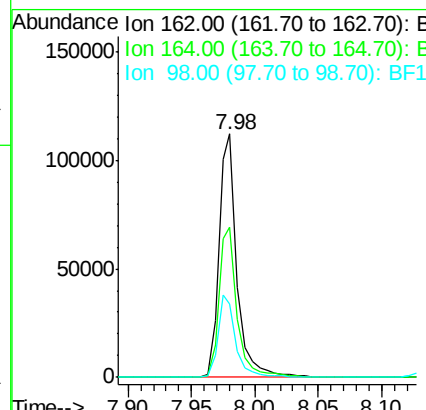
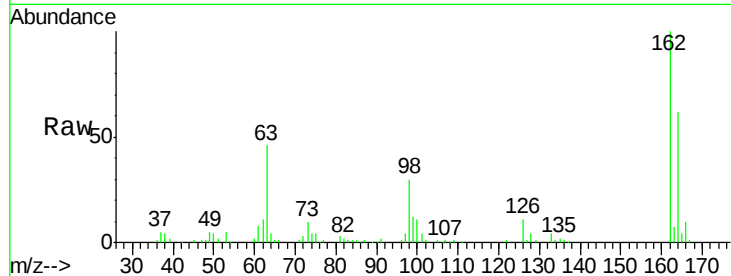
#29
2,4-Dichlorophenol
Concen: 43.658 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Instrument :
BNA_F
ClientSampleId :
PB104912BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	61.5	42.7	82.7
98	30.2	18.1	58.1

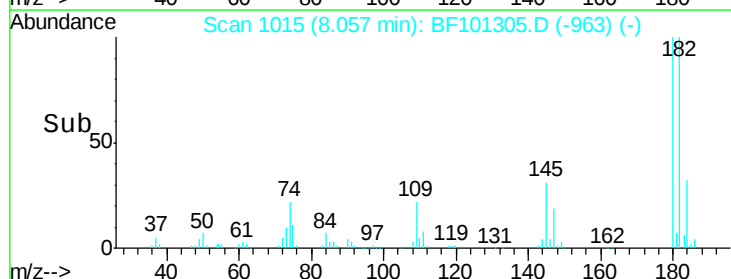
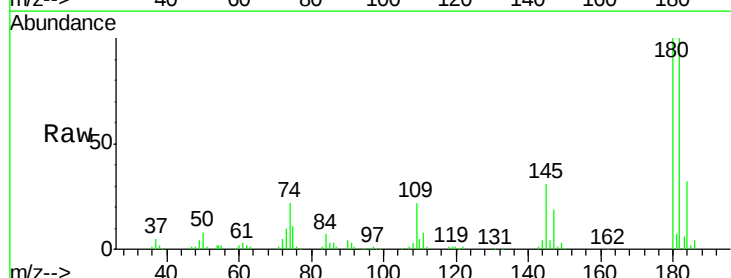
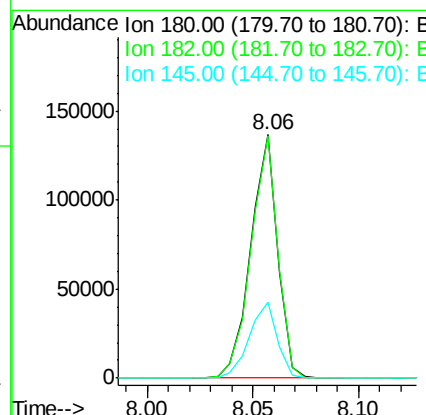
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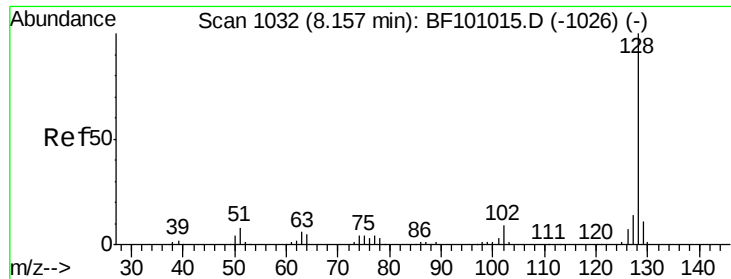
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#30
1,2,4-Trichlorobenzene
Concen: 42.708 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	99.6	76.8	115.2
145	31.2	26.5	39.7





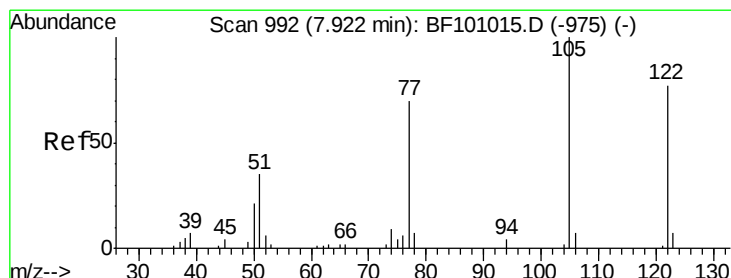
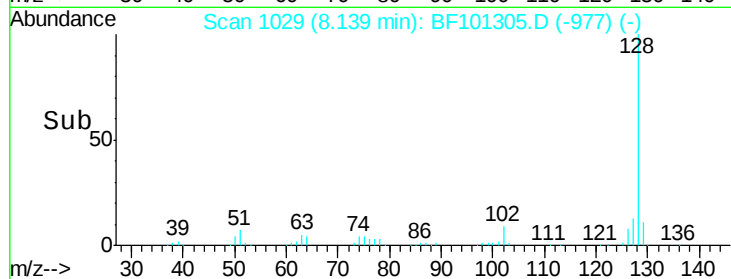
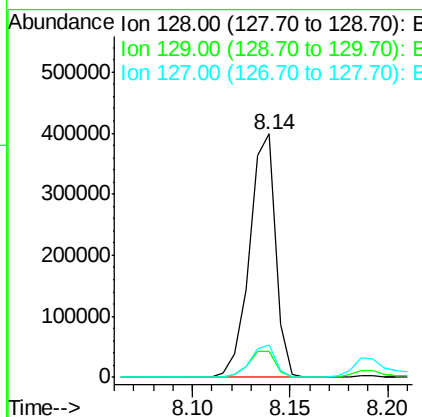
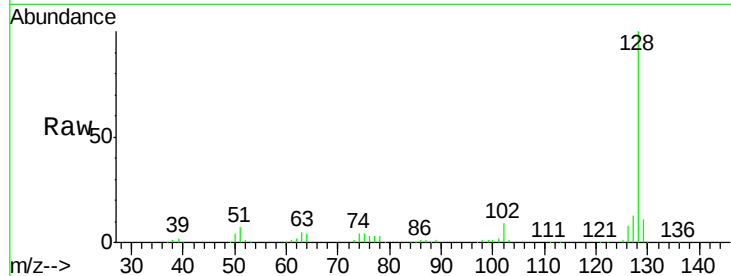
#31
Naphthalene
Concen: 41.482 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Instrument :
BNA_F
ClientSampleId :
PB104912BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	13.4	10.9	16.3

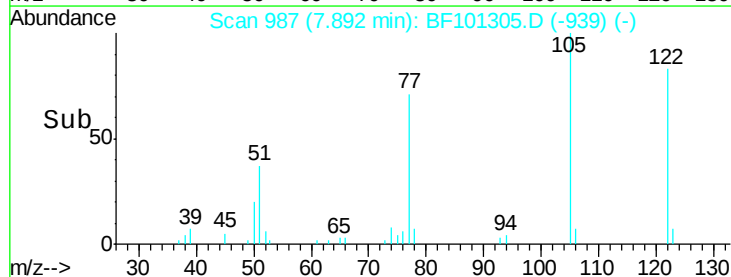
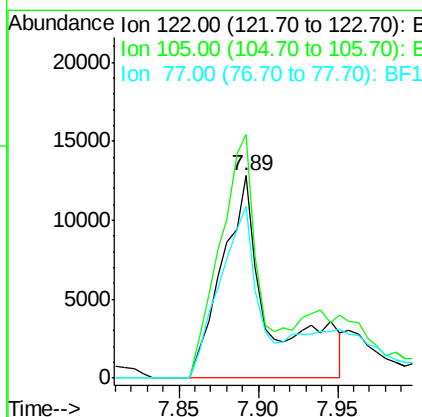
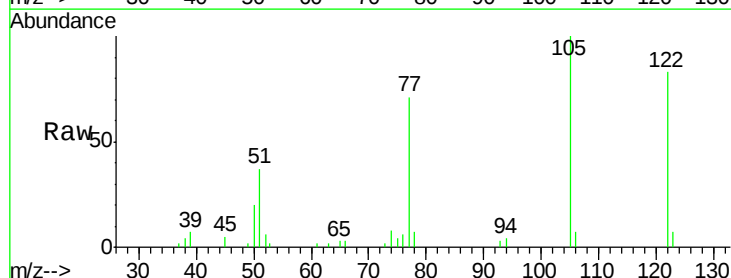
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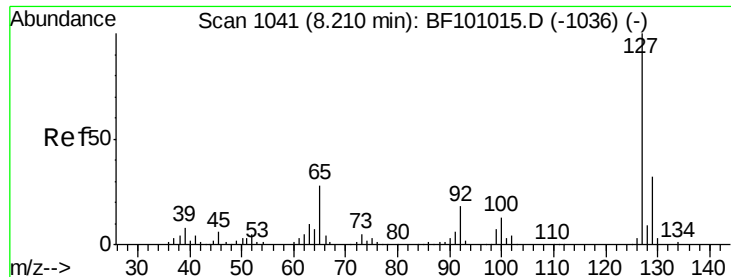
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#32
Benzoic acid
Concen: 14.586 ng m
RT: 7.89 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.2	101.1	141.1
77	84.8	70.7	110.7





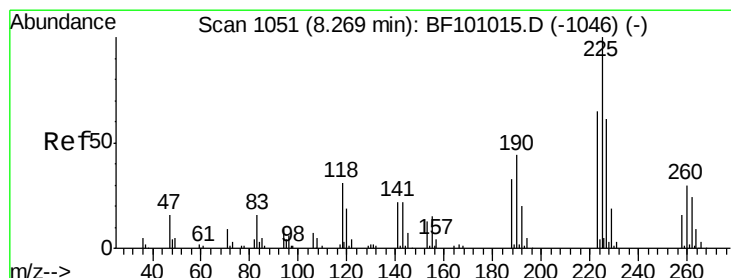
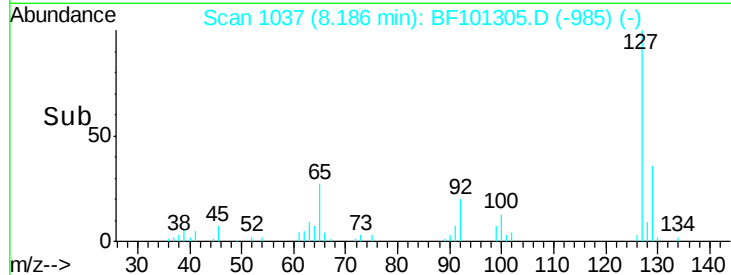
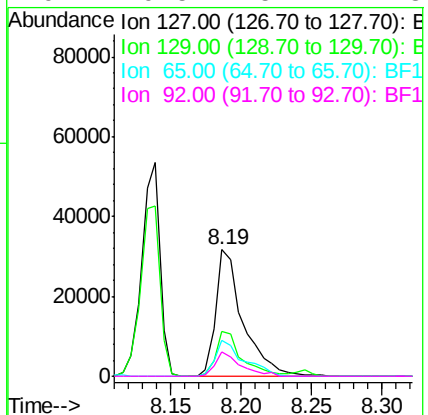
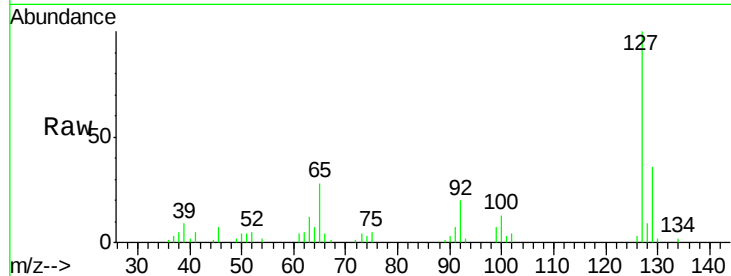
#33
 4-Chloroaniline
 Concen: 11.917 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

Instrument :
 BNA_F
 ClientSampled :
 PB104912BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		42694		
129	35.7	25.9	38.9		
65	28.2	25.0	37.4		
92	19.5	15.2	22.8		

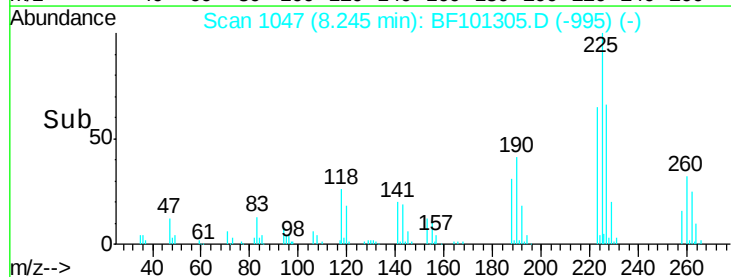
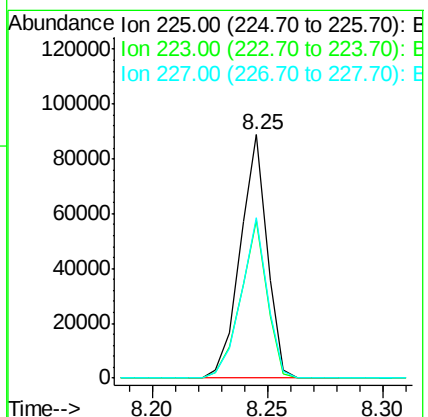
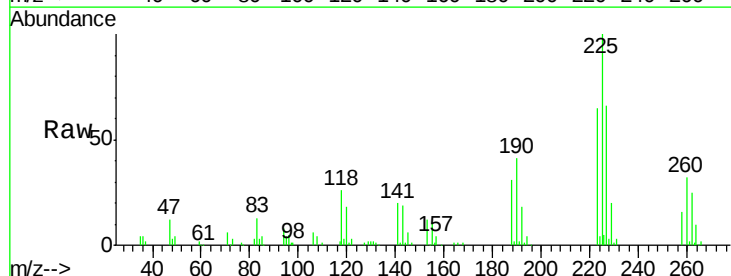
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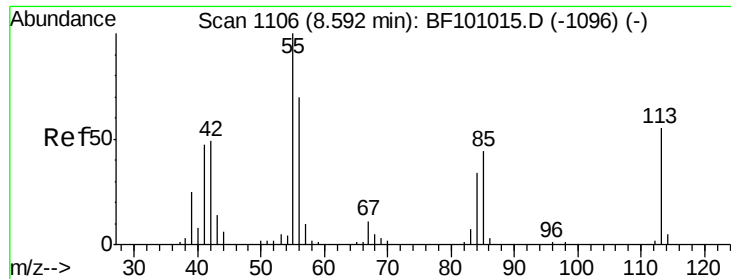
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#34
 Hexachlorobutadiene
 Concen: 41.775 ng
 RT: 8.25 min Scan# 1047
 Delta R.T. 0.01 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		72383		
223	64.9	50.6	76.0		
227	65.8	51.9	77.9		





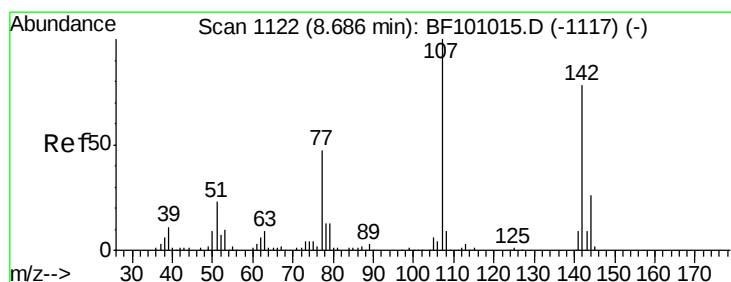
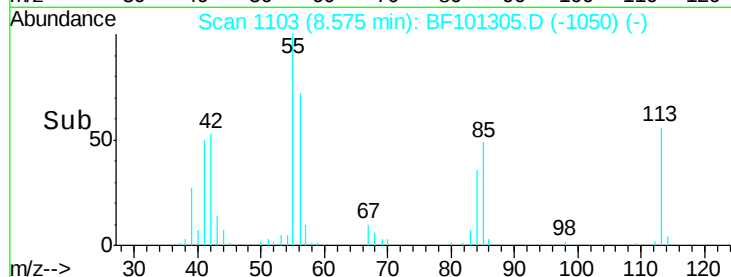
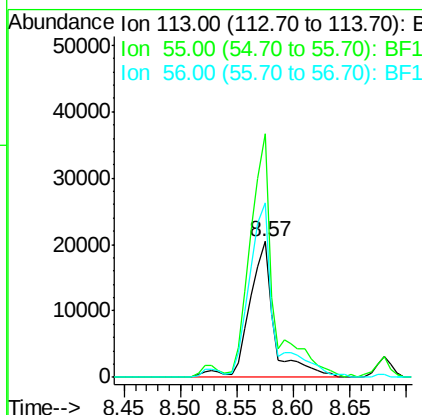
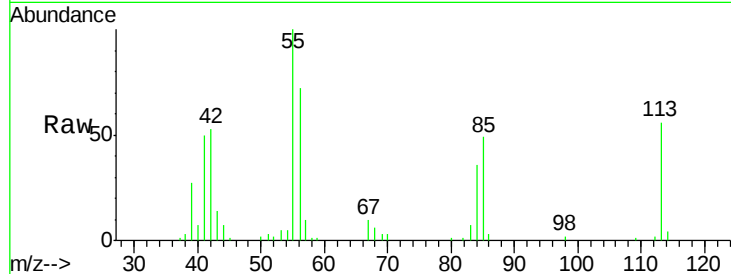
#35
 Caprolactam
 Concen: 38.724 ng/ml
 RT: 8.57 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

Instrument :
 BNA_F
 ClientSampleID :
 PB104912BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	179.1	163.3	203.3
56	128.3	115.7	155.7

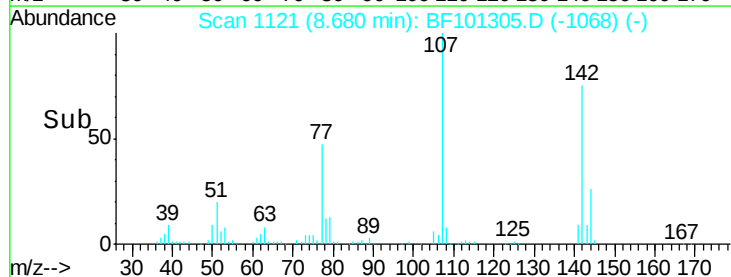
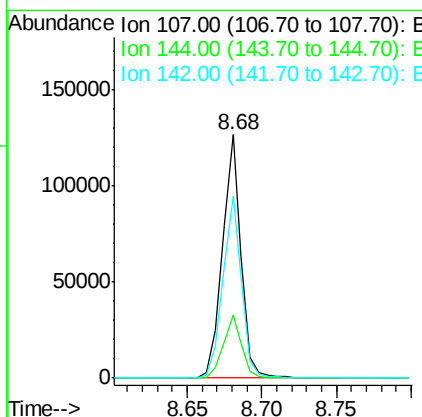
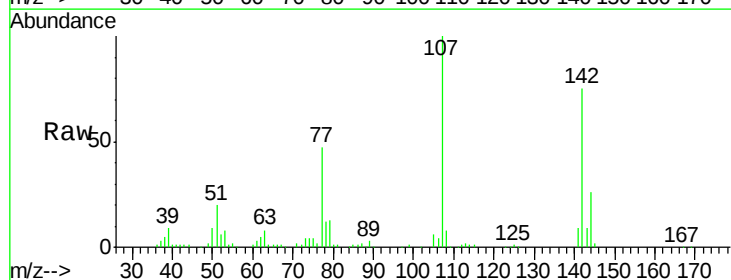
Manual Integrations
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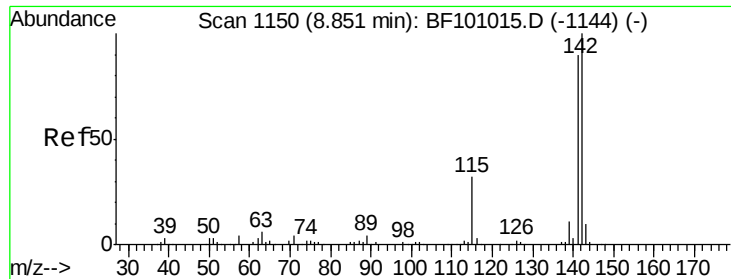
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#36
 4-Chloro-3-methylphenol
 Concen: 41.804 ng/ml
 RT: 8.68 min Scan# 1121
 Delta R.T. 0.01 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	20.5	30.7
142	75.0	62.0	93.0





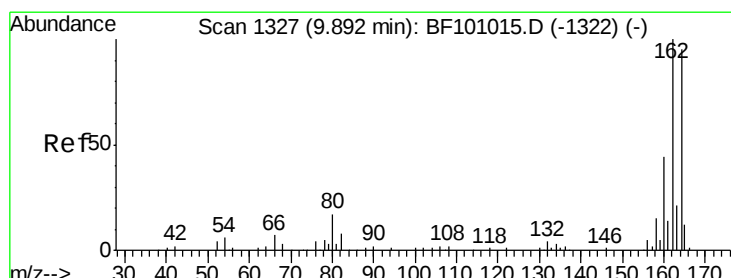
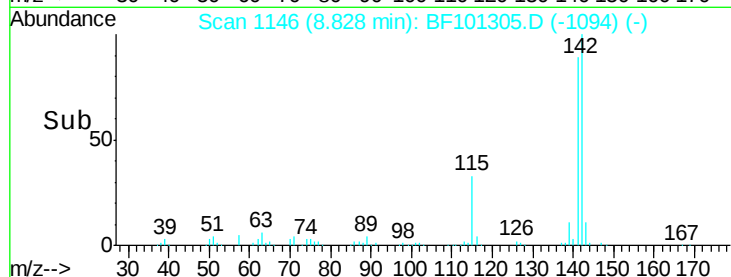
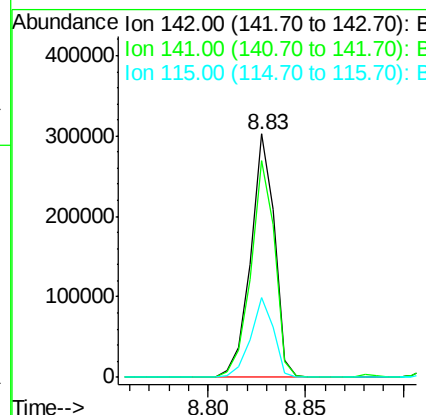
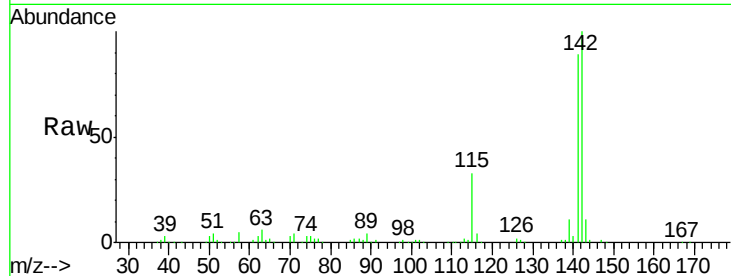
#37
2-Methylnaphthalene
Concen: 42.146 ng
RT: 8.83 min Scan# 1146
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Instrument :
BNA_F
ClientSampleId :
PB104912BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	32.8	26.1	39.1

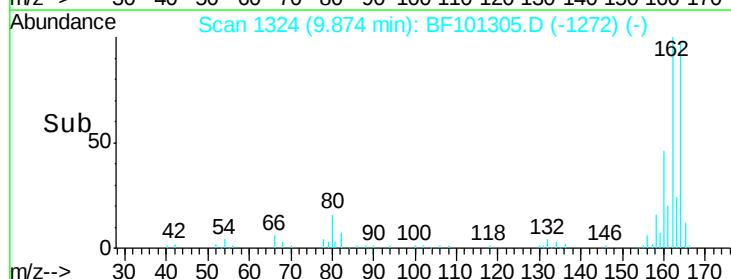
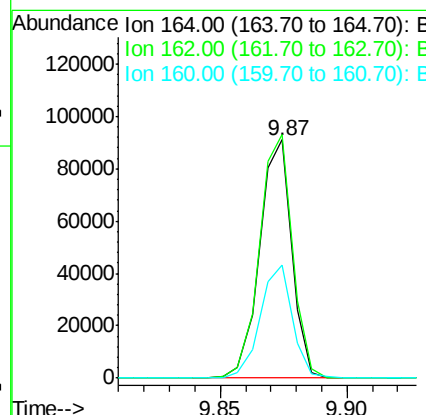
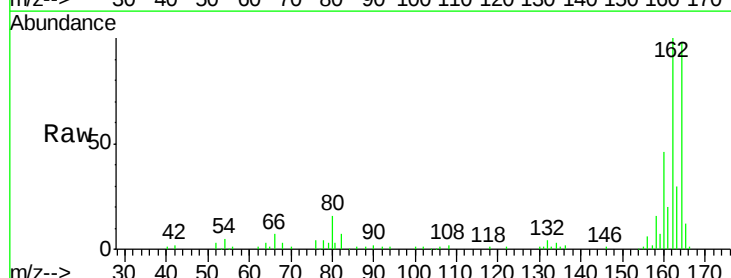
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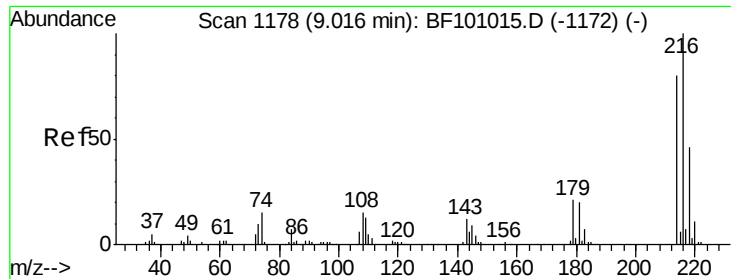
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	47.3	38.3	57.5





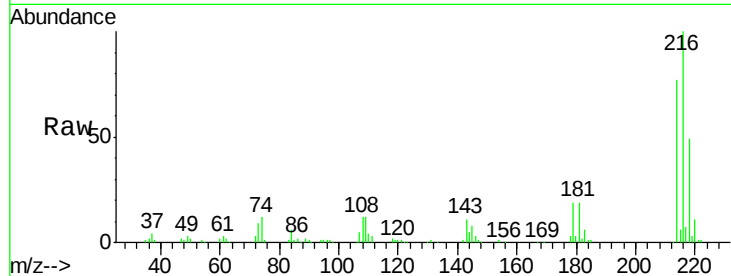
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.168 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

Instrument :
 BNA_F
 ClientSampleId :
 PB104912BS

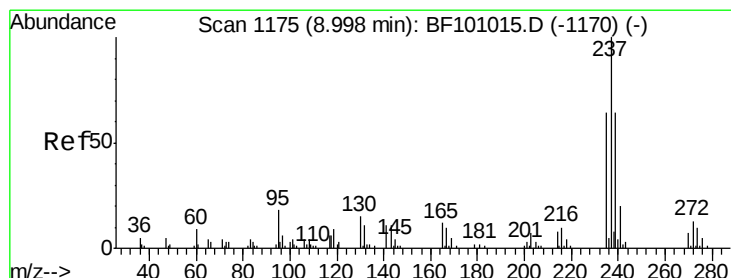
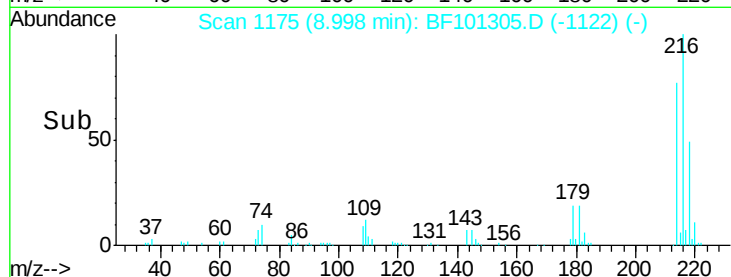
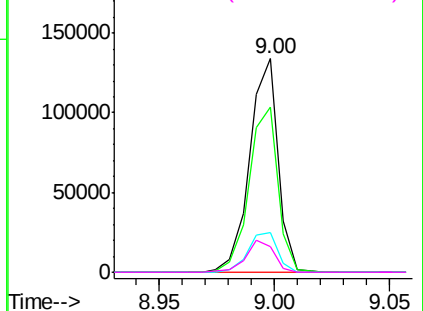
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.3		63.0	94.4	
179	19.9		18.1	27.1	
108	14.9		17.2	25.8	

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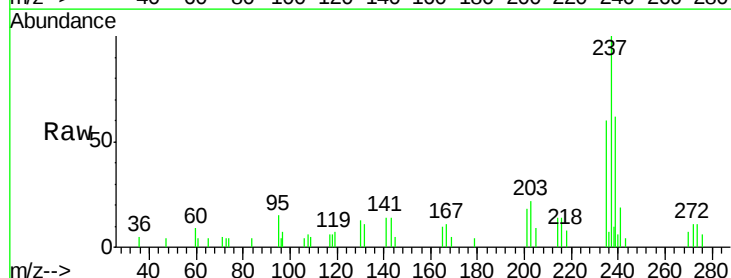


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

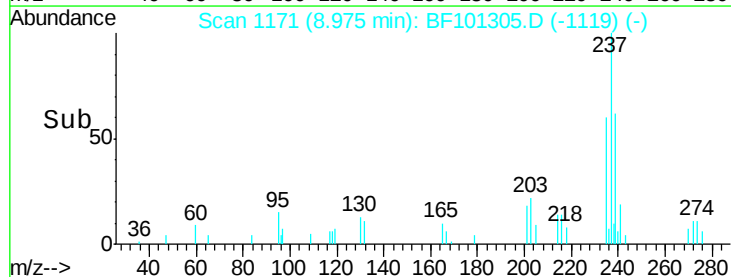
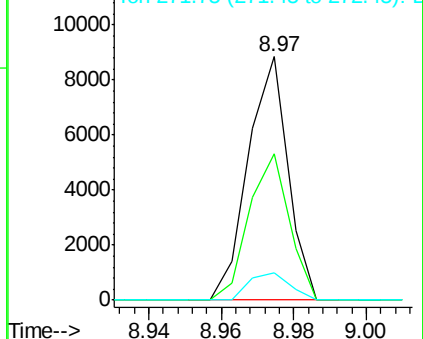


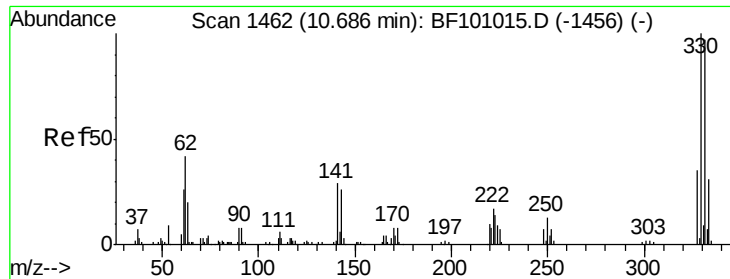
#40
 Hexachlorocyclopentadiene
 Concen: 13.813 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.01 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	59.9		44.8	84.8	
272	11.4		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





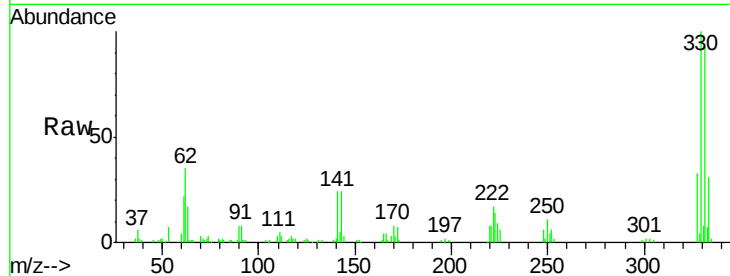
#41
 2,4,6-Tribromophenol
 Concen: 70.251 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. 0.01 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

Instrument :
 BNA_F
 ClientSampleId :
 PB104912BS

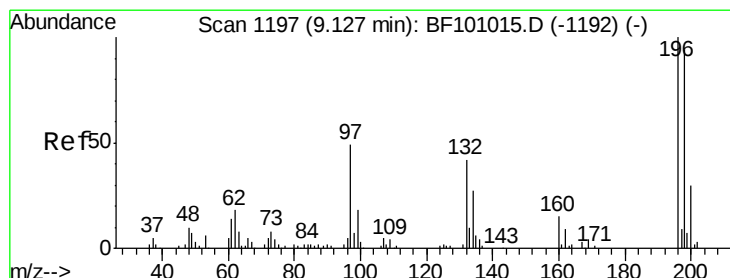
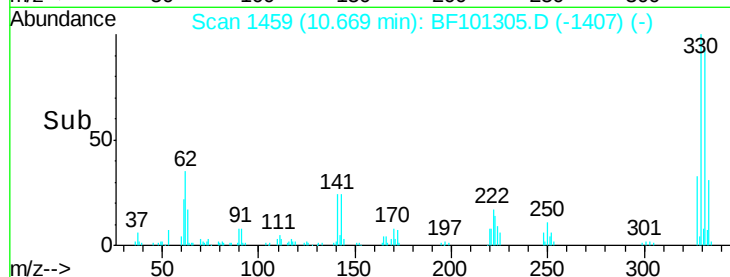
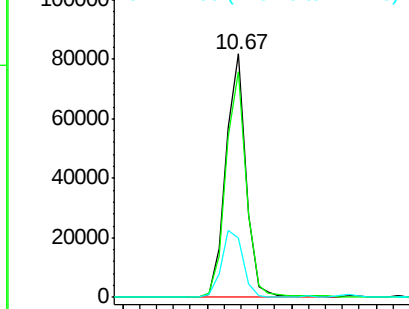
Tot Ion	Ratio	Resp	Lower	Upper
330	100	68117		
332	94.7	77.0	115.6	
141	29.3	29.9	44.9#	

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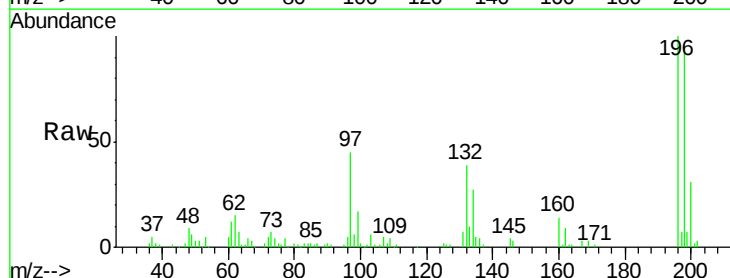


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

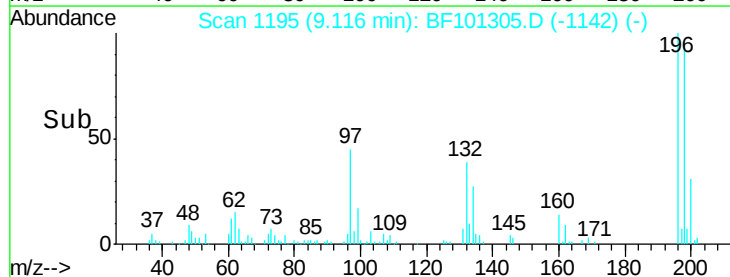
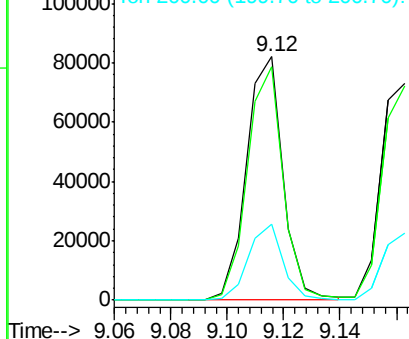


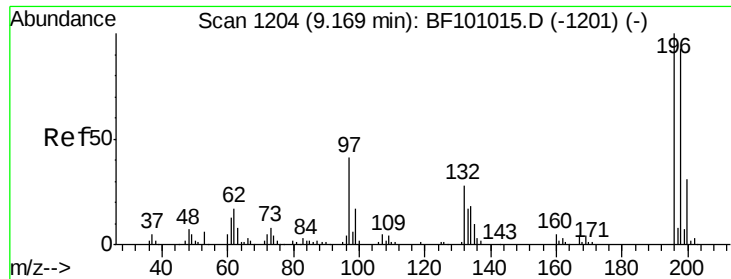
#42
 2,4,6-Trichlorophenol
 Concen: 42.851 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	73655		
198	96.0	75.7	113.5	
200	30.9	24.5	36.7	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





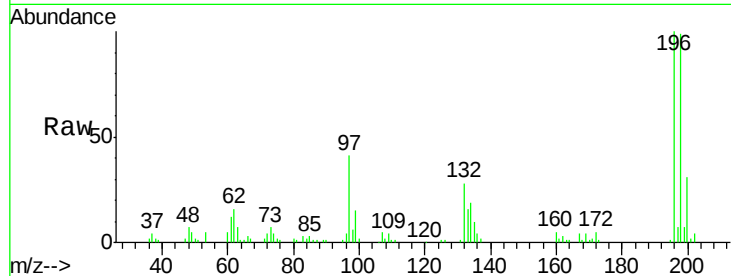
#43
 2,4,5-Trichlorophenol
 Concen: 41.133 ng/mL
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.02 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

Instrument :
 BNA_F
 ClientSampleId :
 PB104912BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	75588		
198	98.5	74.6	112.0	
97	41.1	42.9	64.3	
132	28.0	26.3	39.5	

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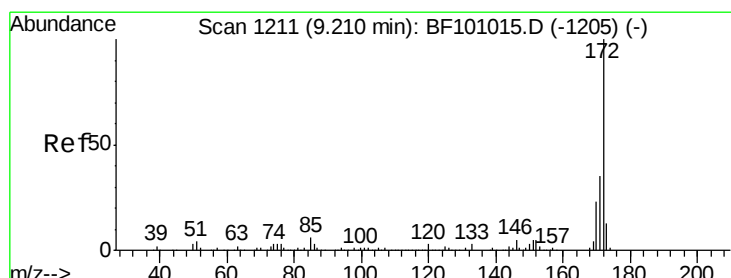
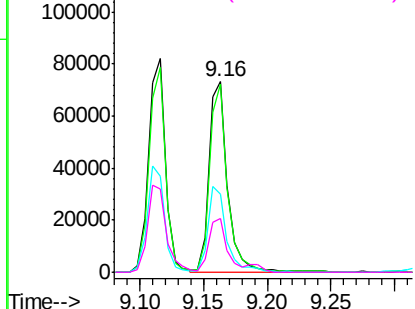
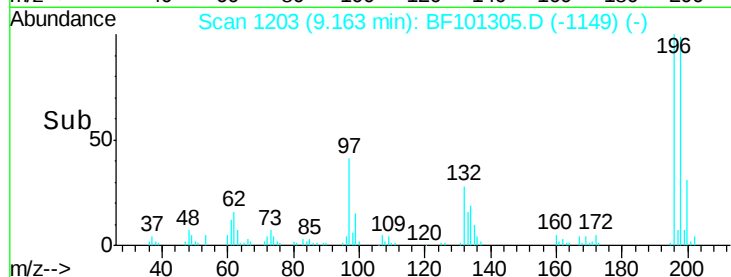
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

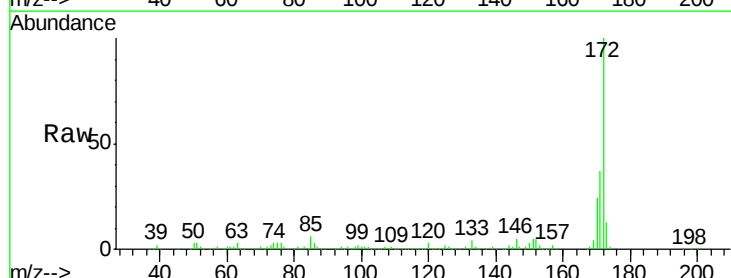
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 93.844 ng/mL
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	553619		
171	36.6	29.7	44.5	
170	23.9	19.6	29.4	

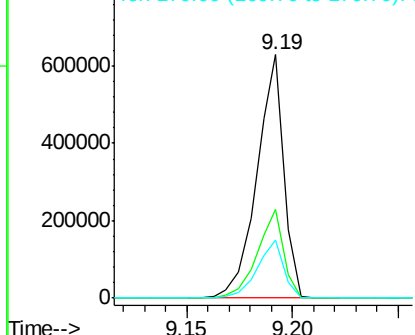
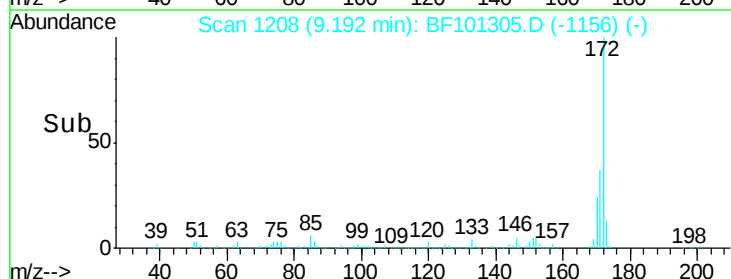


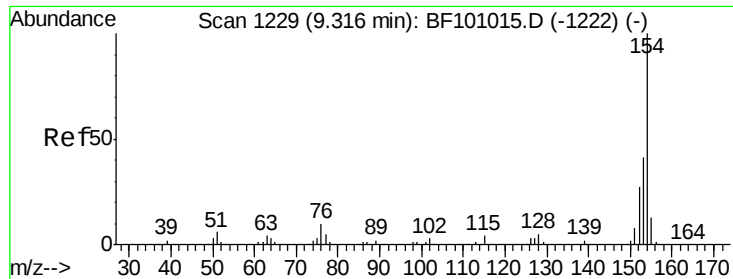
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





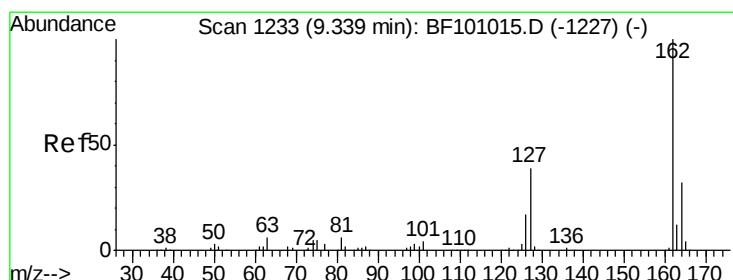
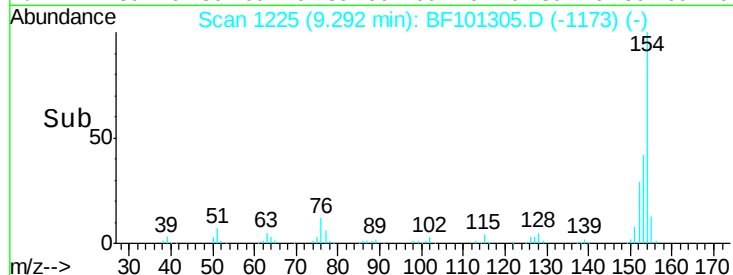
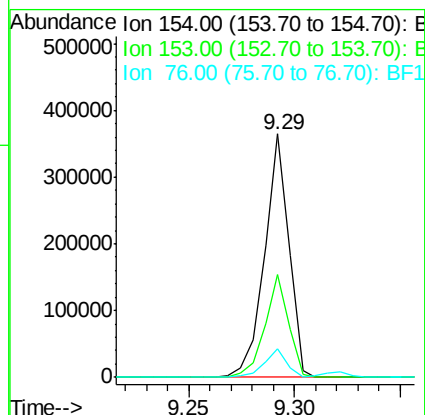
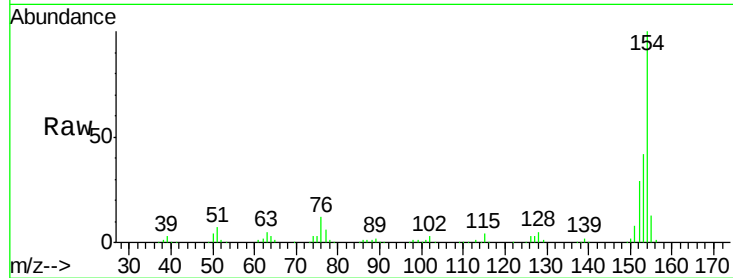
#45
1,1'-Biphenyl
Concen: 39.589 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Instrument :
BNA_F
ClientSampled :
PB104912BS

Tot Ion:	154	Resp:	292762
Ion Ratio	Lower	Upper	
154	100		
153	42.1	21.3	61.3
76	11.6	0.0	34.0

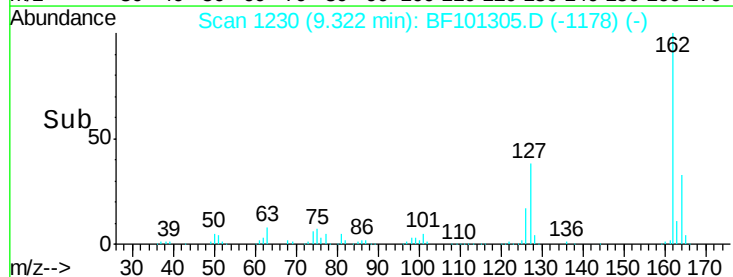
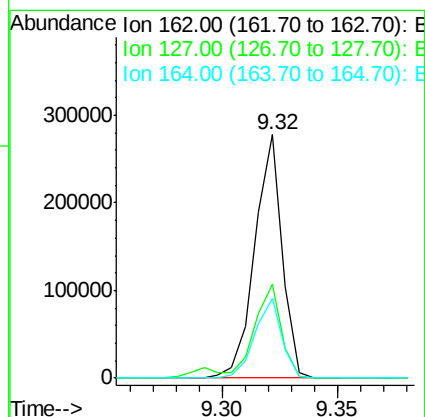
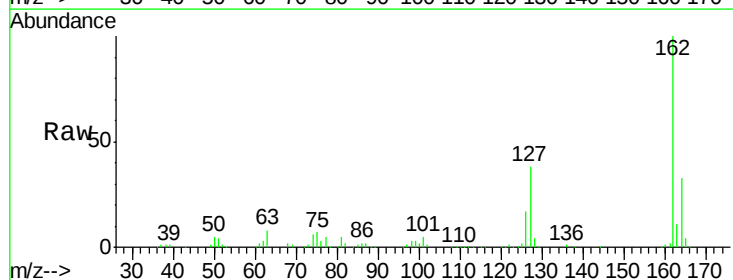
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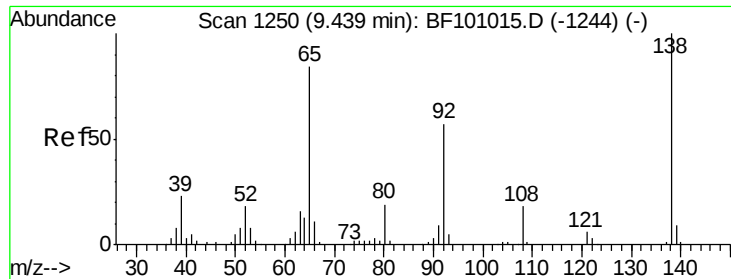
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#46
2-Chloronaphthalene
Concen: 43.721 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Tgt Ion:	162	Resp:	229617
Ion Ratio	Lower	Upper	
162	100		
127	38.4	33.9	50.9
164	32.6	26.5	39.7





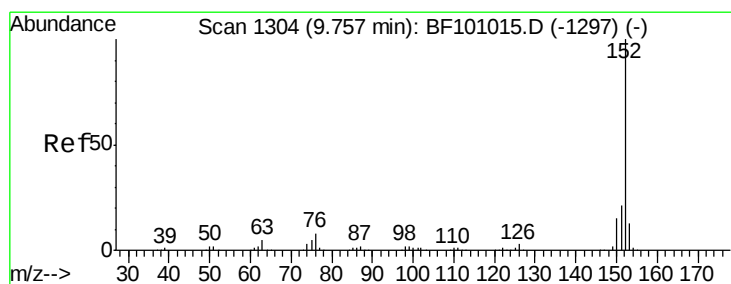
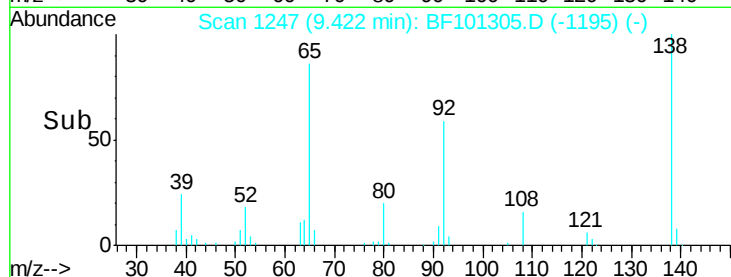
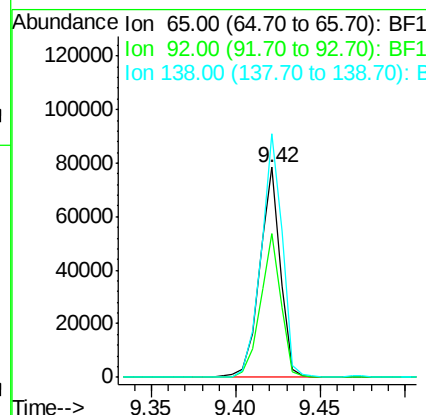
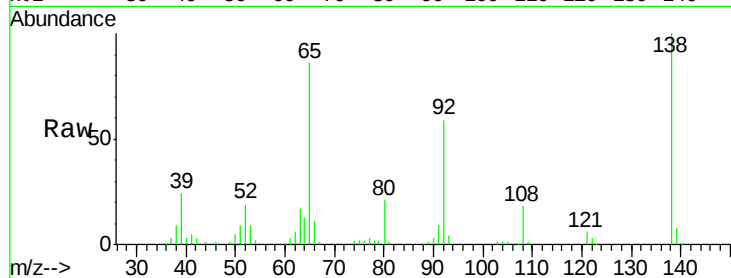
#47
2-Nitroaniline
Concen: 43.142 ng
RT: 9.42 min Scan# 1247
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Instrument :
BNA_F
ClientSampleId :
PB104912BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.4	55.8	83.6
138	116.0	91.2	136.8

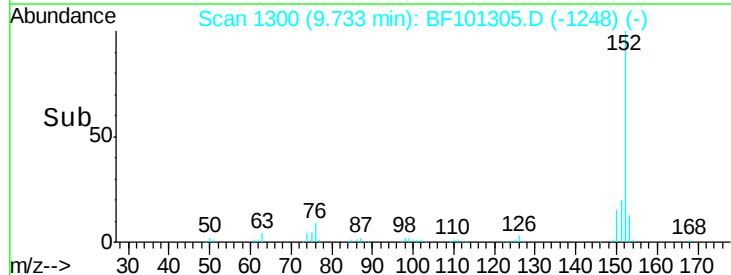
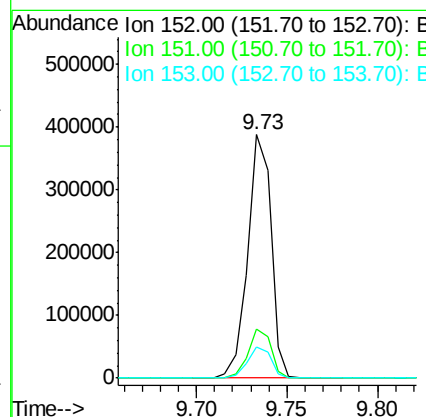
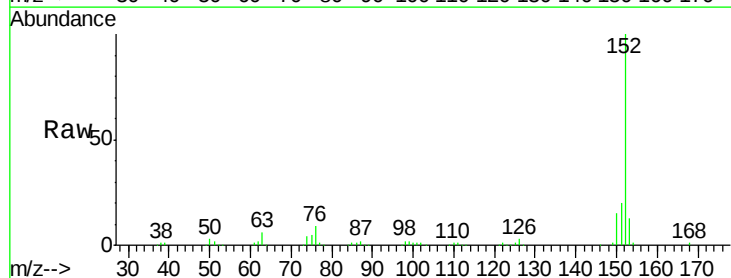
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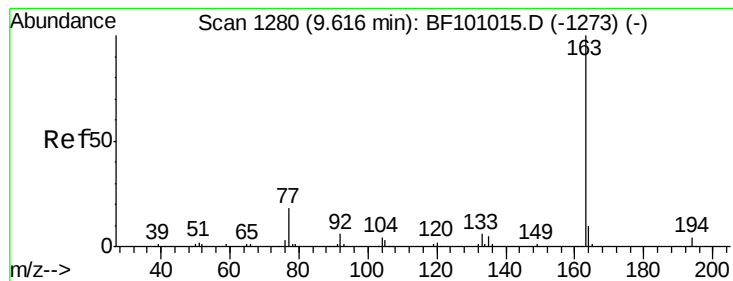
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#48
Acenaphthylene
Concen: 40.146 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	12.9	10.7	16.1





#49

Dimethylphthalate

Concen: 42.239 ng

RT: 9.59 min Scan# 1276

Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

Instrument :

BNA_F

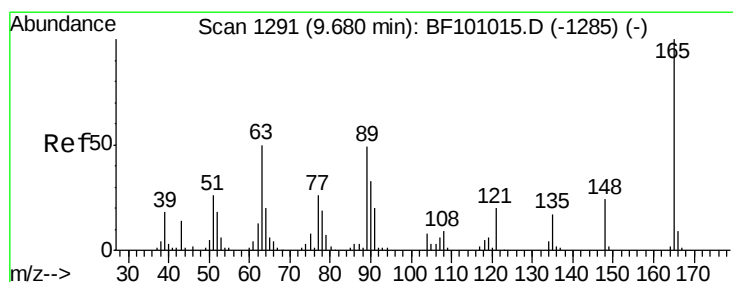
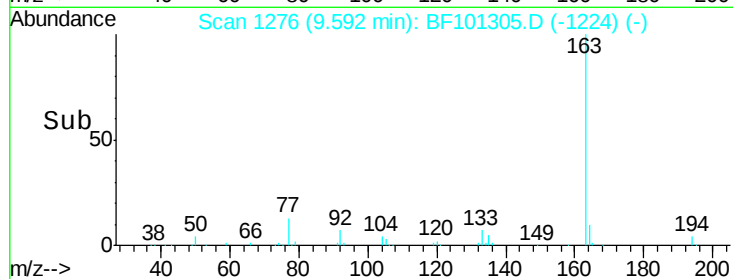
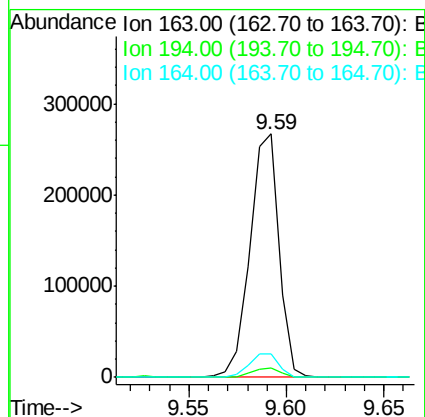
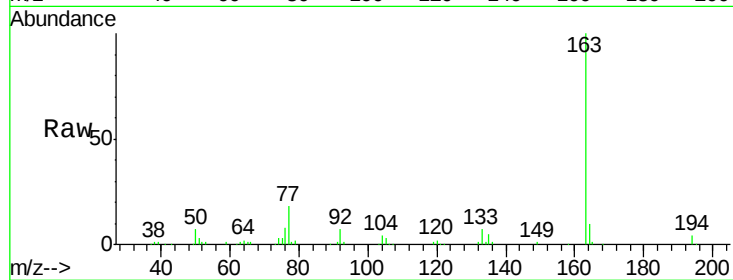
ClientSampleID :

PB104912BS

Tot Ion:	163	Resp:	274954
Ion Ratio	Lower	Upper	
163	100		
194	3.9	2.7	4.1
164	9.8	8.2	12.2

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#50

2,6-Dinitrotoluene

Concen: 39.426 ng

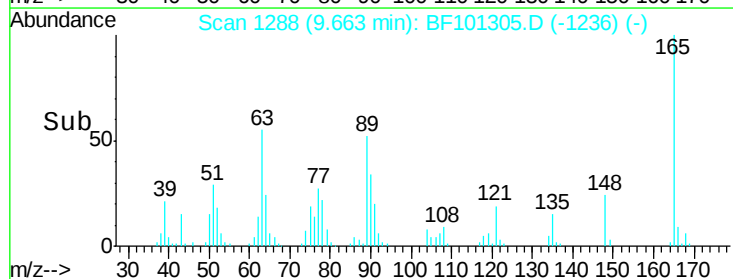
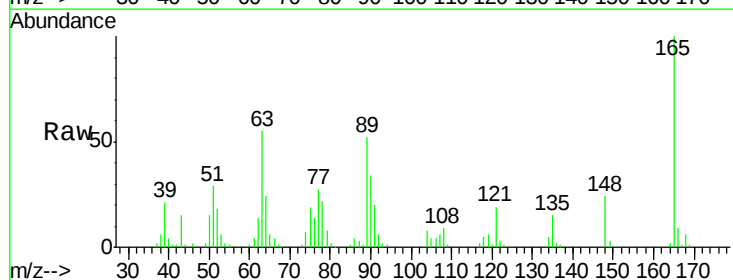
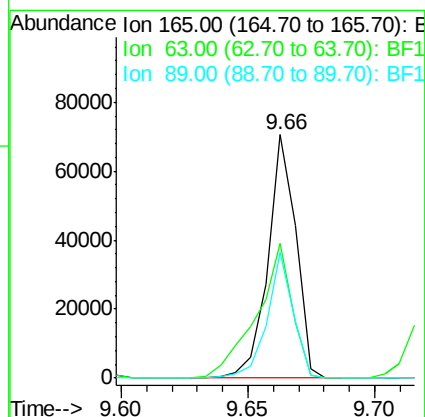
RT: 9.66 min Scan# 1288

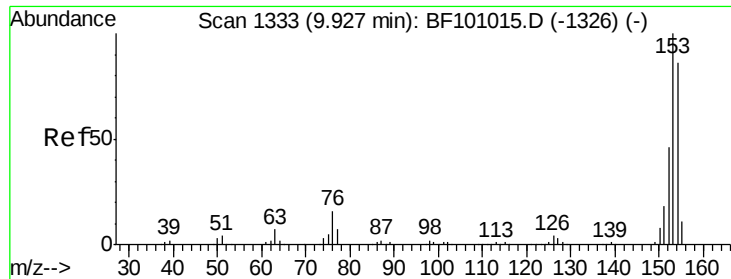
Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

Tgt Ion:	165	Resp:	54055
Ion Ratio	Lower	Upper	
165	100		
63	55.3	44.7	67.1
89	51.7	44.0	66.0





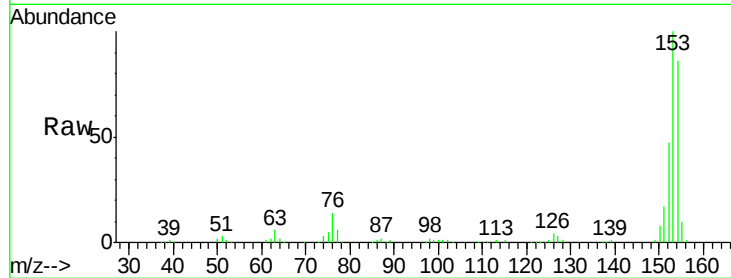
#51
Acenaphthene
Concen: 39.230 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Instrument :
BNA_F
ClientSampleId :
PB104912BS

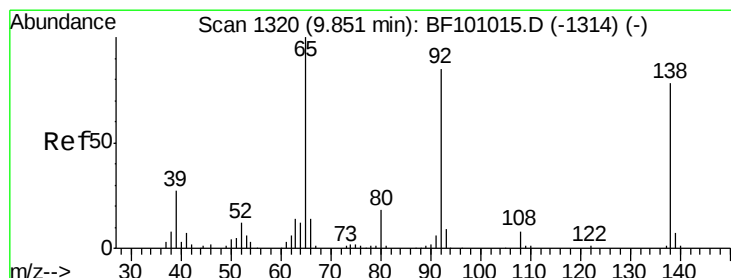
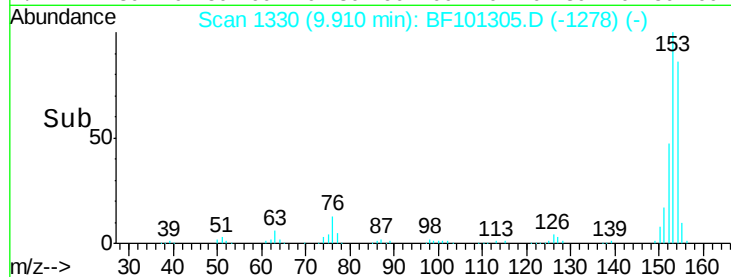
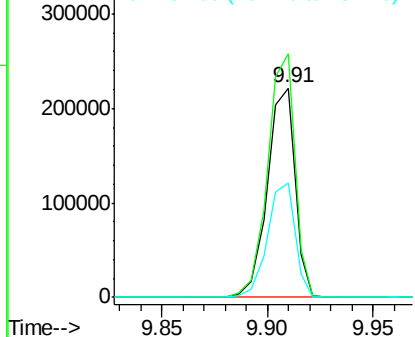
Tot Ion	Ratio	Lower	Upper
154	100		
153	116.1	91.2	136.8
152	54.7	43.8	65.8

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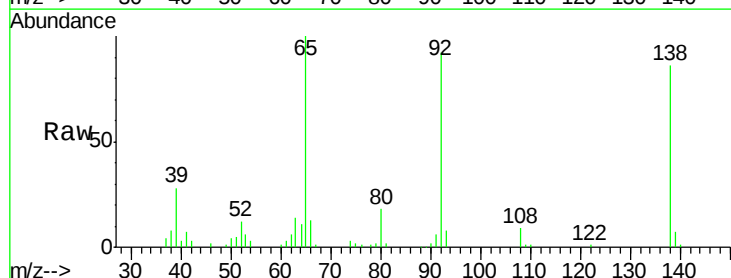


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

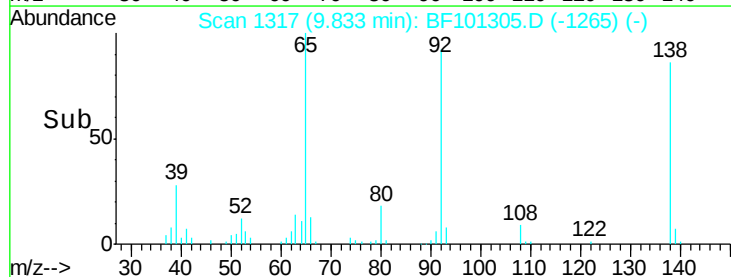
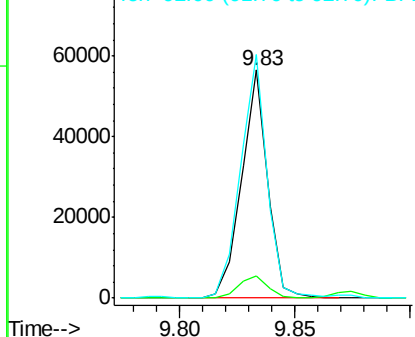


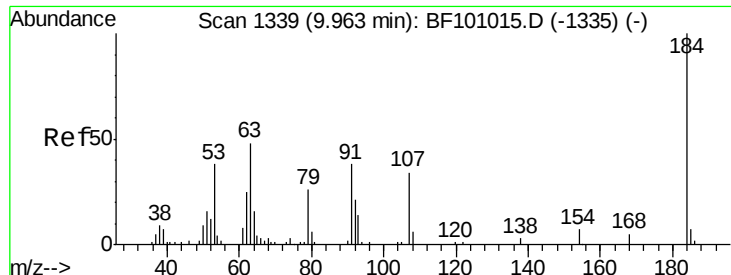
#52
3-Nitroaniline
Concen: 28.781 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.0	9.4	14.0
92	106.7	89.4	134.2



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





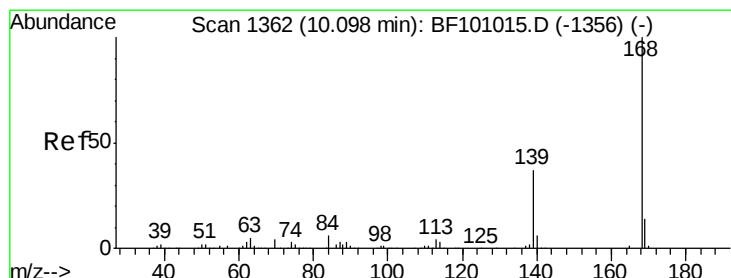
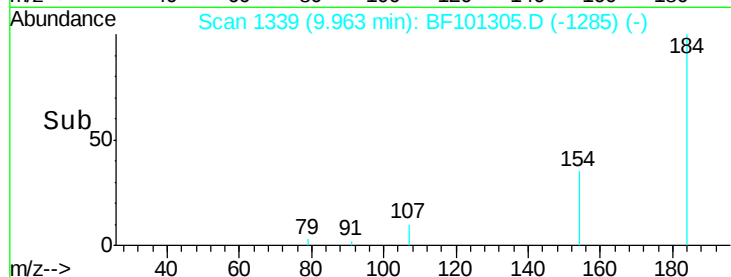
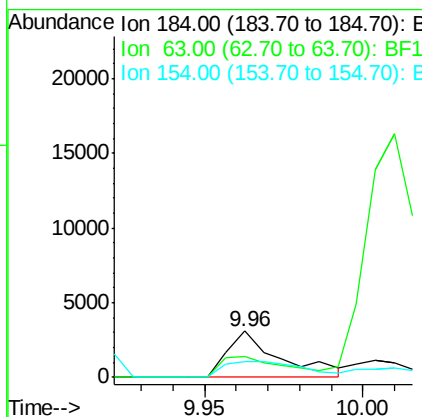
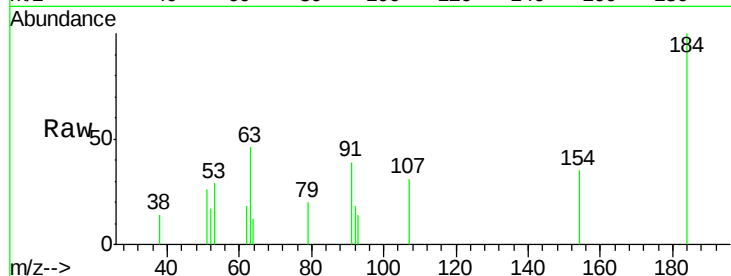
#53
2,4-Dinitrophenol
Concen: 9.515 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.02 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Instrument :
BNA_F
ClientSampleId :
PB104912BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	45.6	54.2	81.2#
154	34.9	184.0	276.0#

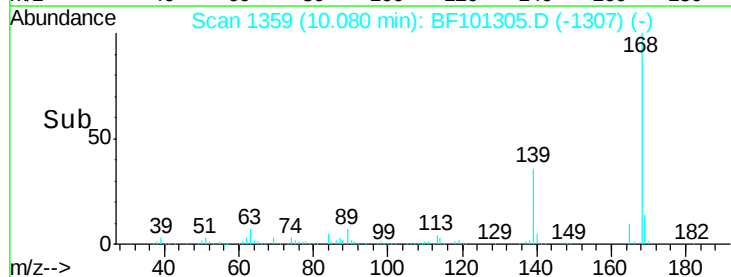
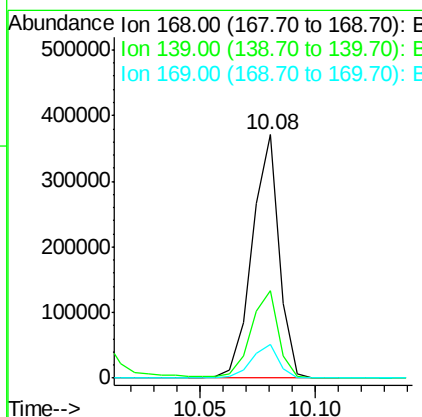
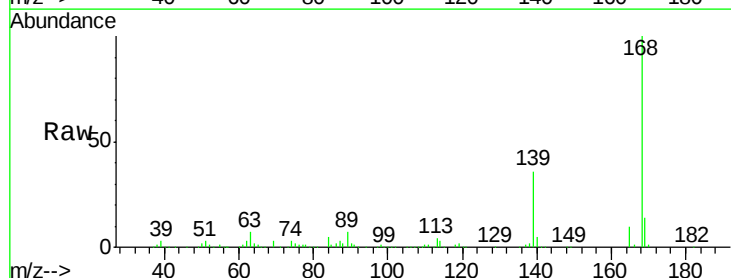
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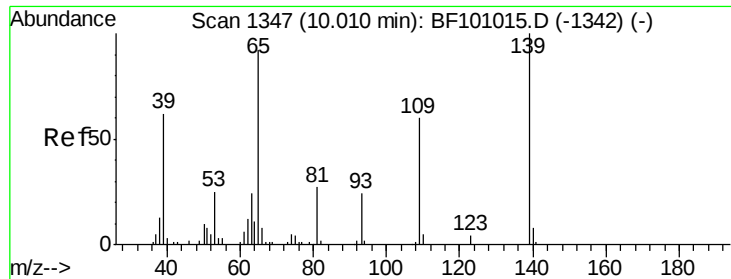
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#54
Dibenzofuran
Concen: 40.496 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.2	30.1	45.1
169	14.0	10.9	16.3





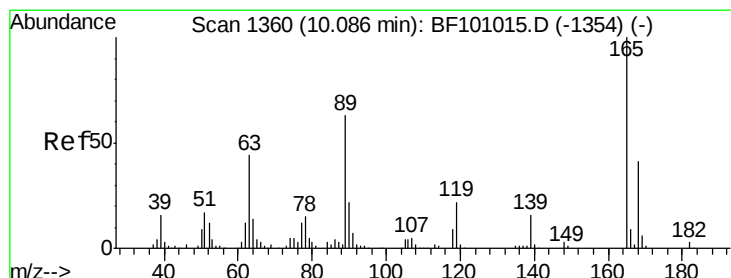
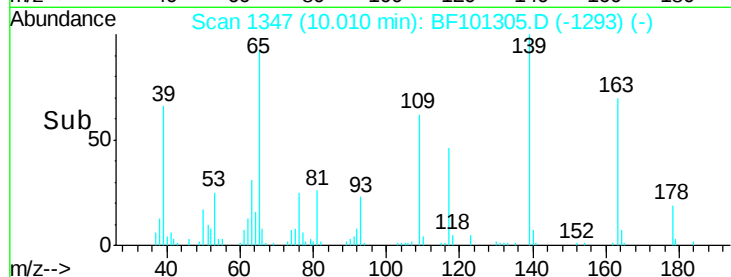
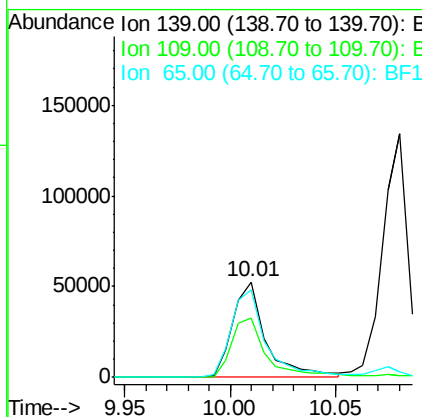
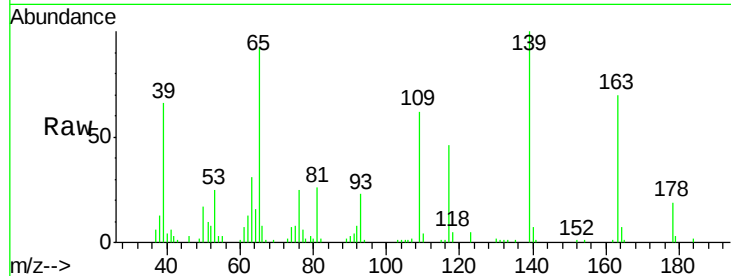
#55
4-Nitrophenol
Concen: 54.818 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.02 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Instrument :
BNA_F
ClientSampleId :
PB104912BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	61.8	48.4	88.4
65	92.1	72.6	112.6

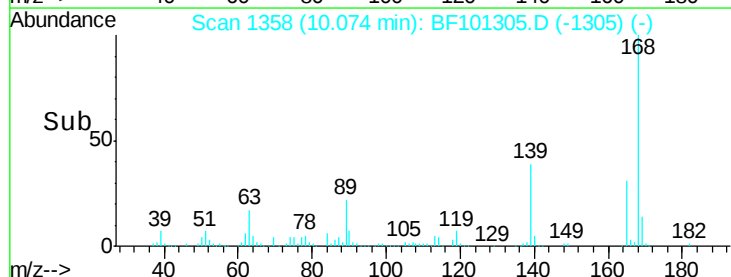
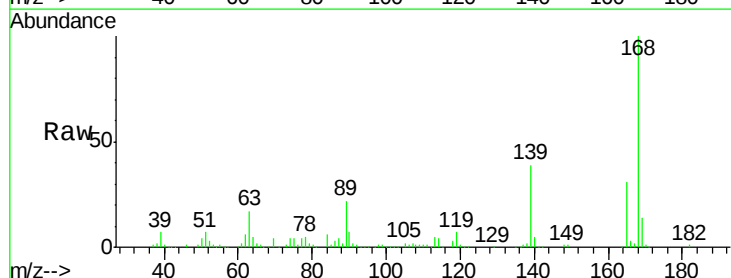
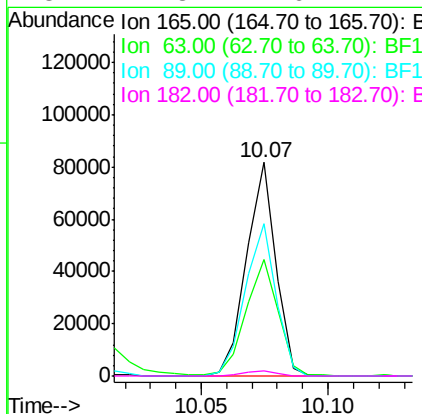
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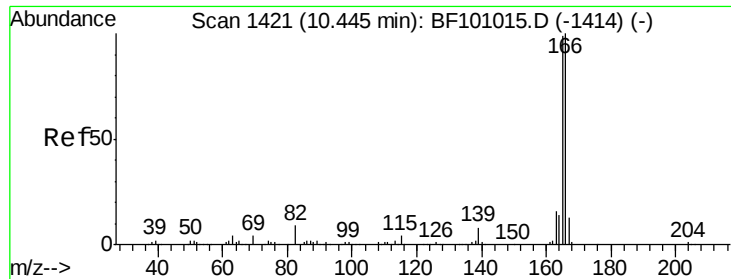
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#56
2,4-Dinitrotoluene
Concen: 35.812 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.4	36.4	54.6
89	71.4	57.8	86.6
182	2.3	1.6	2.4





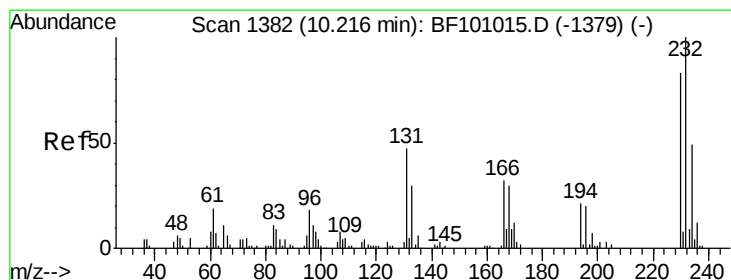
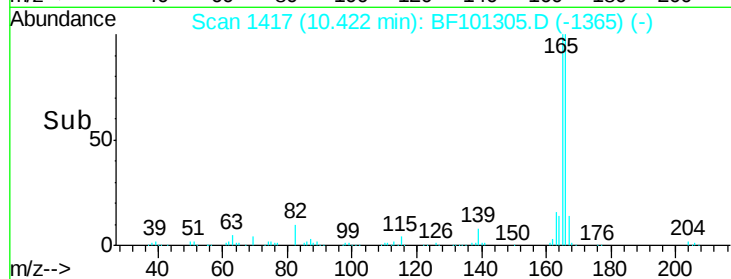
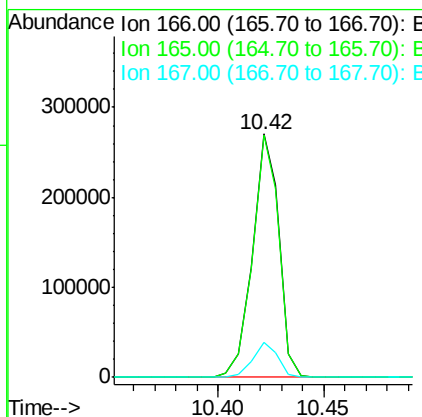
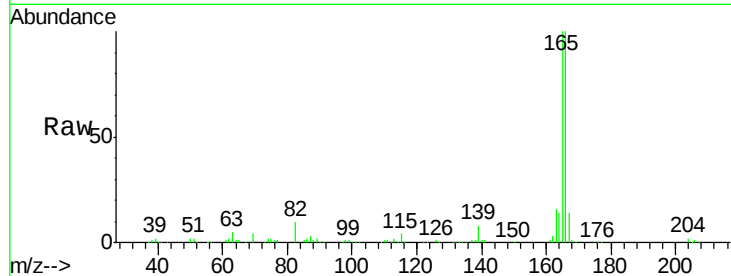
#57
Fluorene
 Concen: 38.772 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

Instrument :
 BNA_F
 ClientSampleId :
 PB104912BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	234739		
165	99.8	79.8	119.8	
167	14.2	10.6	16.0	

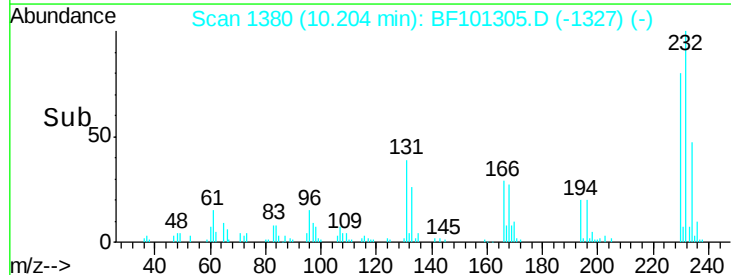
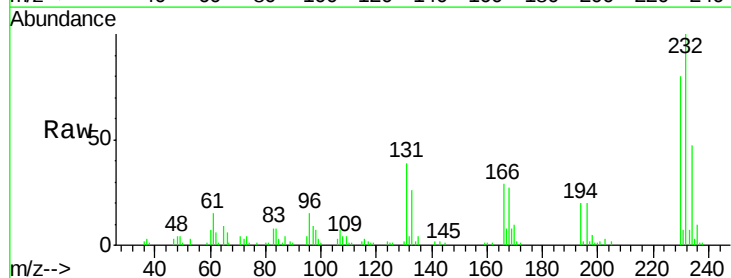
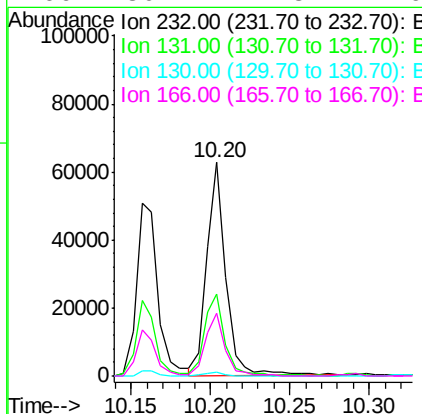
Manual Integrations
 APPROVED

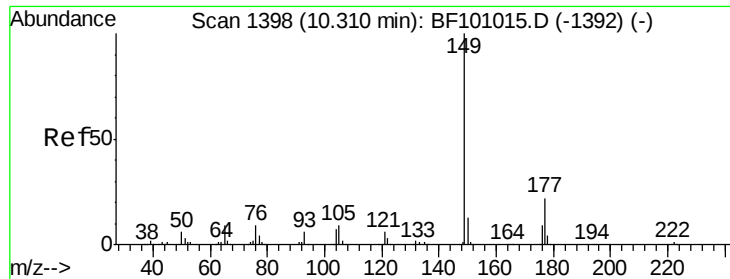
Sohil
 12/12/2017 3:59:22 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 35.919 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. 0.01 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	52850		
131	41.4	43.8	65.8#	
130	2.0	2.1	3.1#	
166	30.4	27.8	41.6	





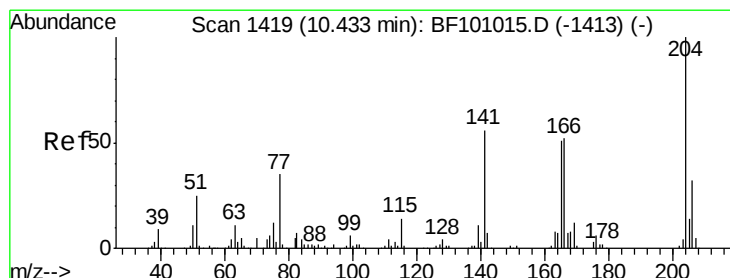
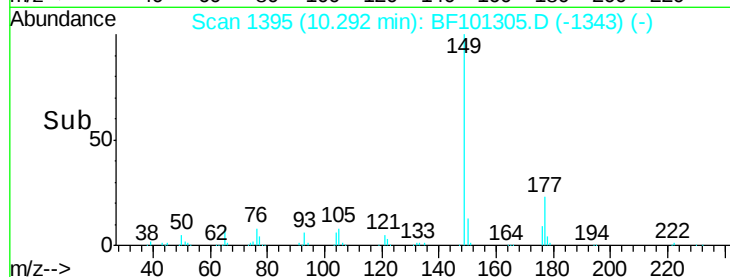
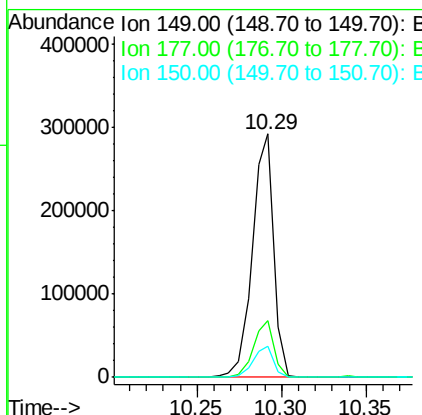
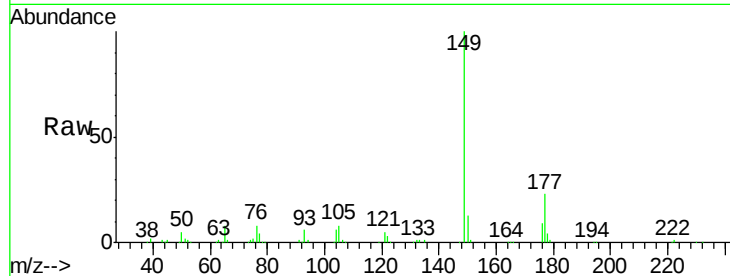
#59
Diethylphthalate
Concen: 40.226 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Instrument :
BNA_F
ClientSampleId :
PB104912BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.4	16.1	24.1
150	12.7	10.1	15.1

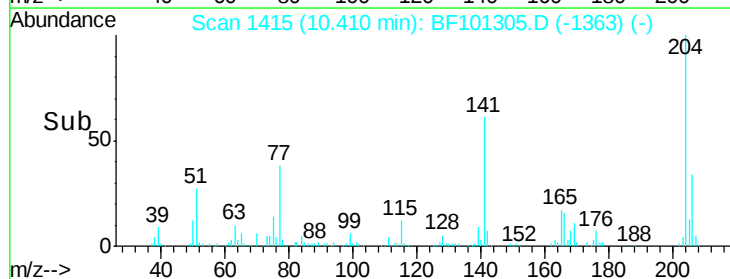
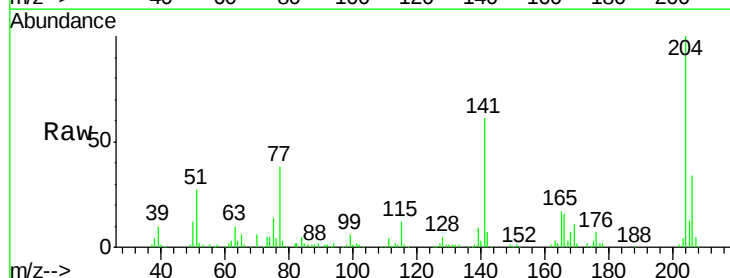
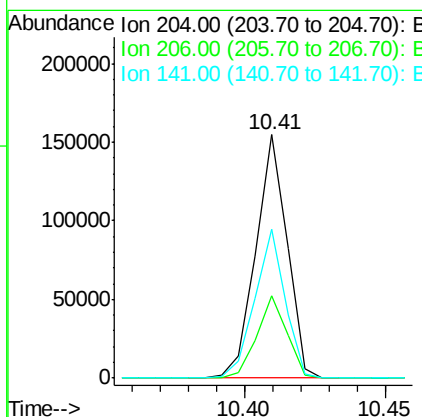
Manual Integrations
APPROVED

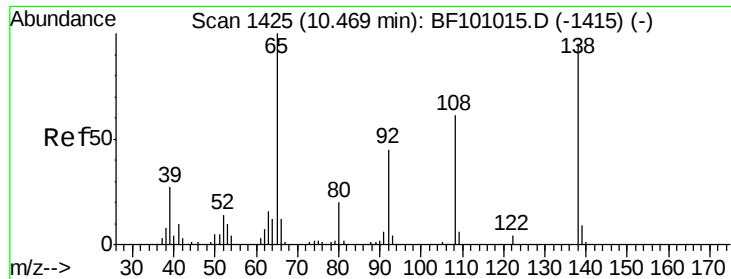
Sohil
12/12/2017 3:59:22 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.798 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.5	39.7
141	61.3	54.6	81.8





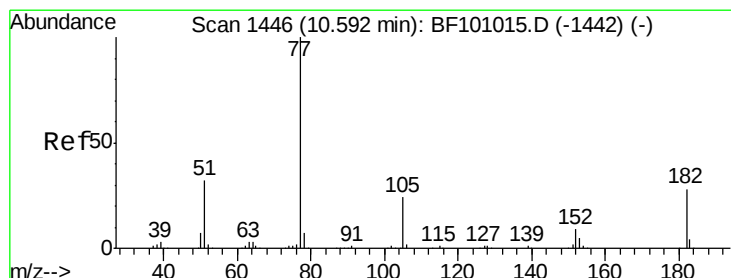
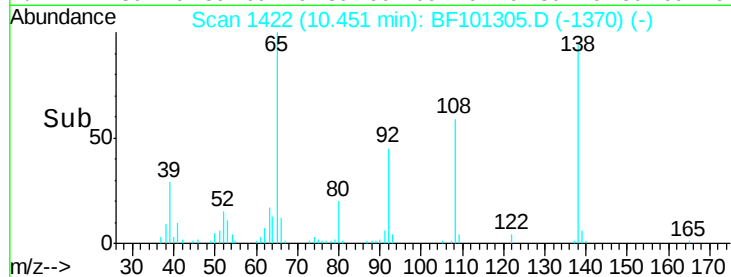
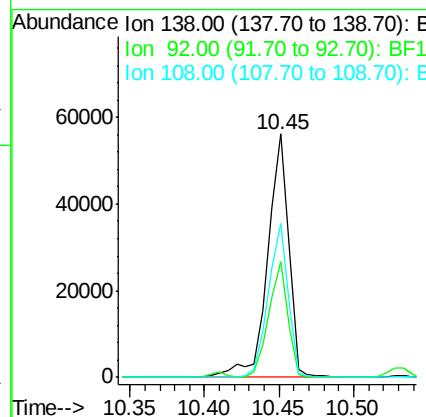
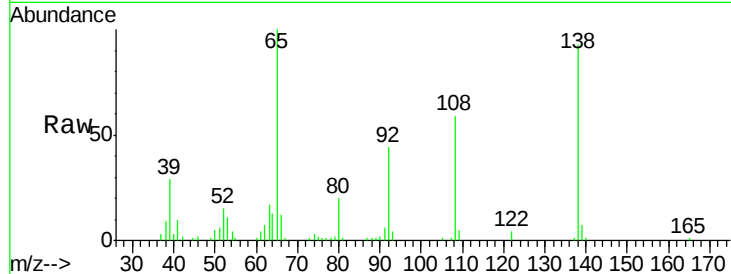
#61
4-Nitroaniline
Concen: 33.930 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Instrument :
BNA_F
ClientSampleId :
PB104912BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.4	30.2	70.2
108	63.1	52.5	92.5

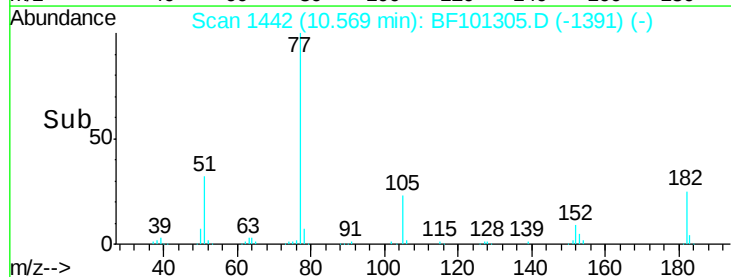
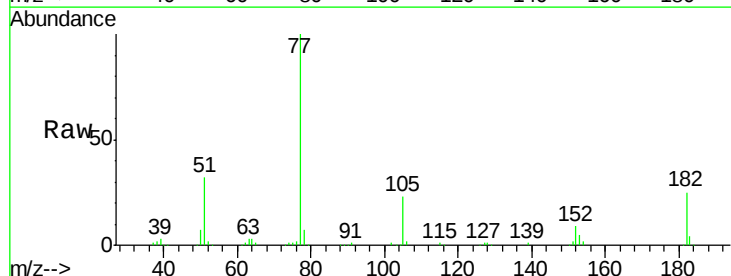
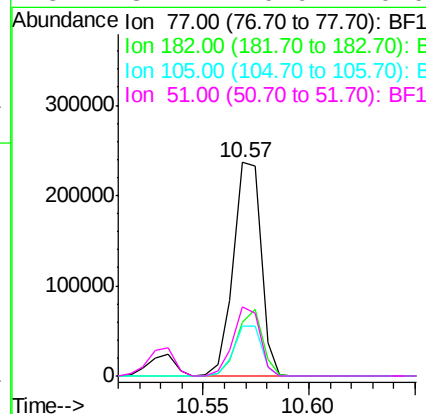
Manual Integrations
APPROVED

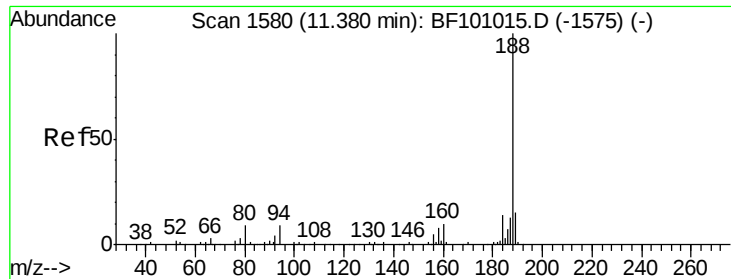
Sohil
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#62
Azobenzene
Concen: 39.284 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.9	1.7	41.7
105	23.5	3.0	43.0
51	32.2	9.9	49.9





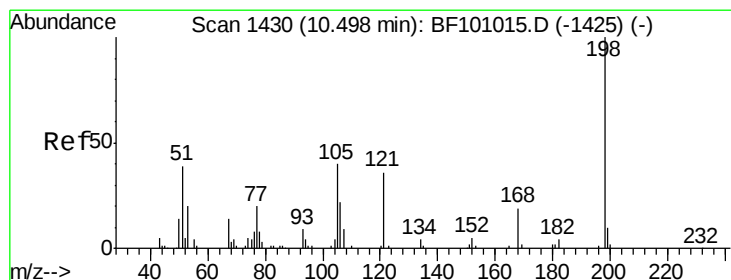
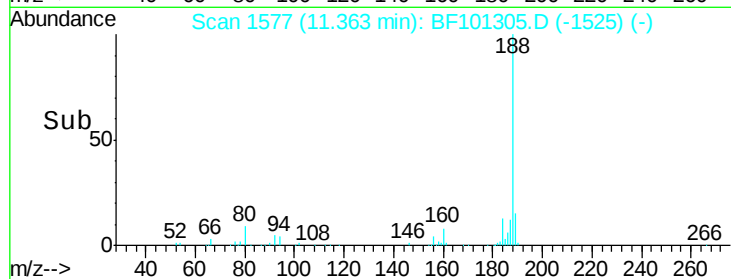
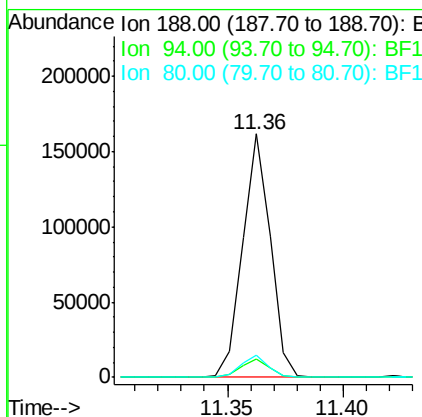
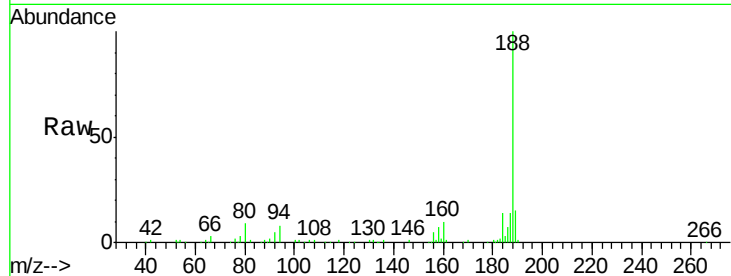
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Instrument :
BNA_F
ClientSampleId :
PB104912BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.7	8.5	12.7#
80	9.2	9.2	13.8#

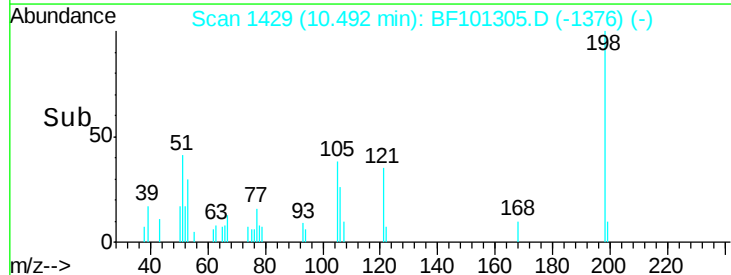
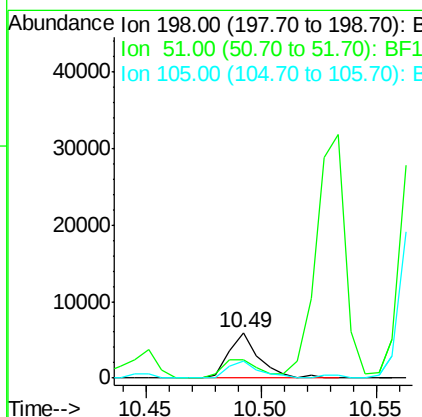
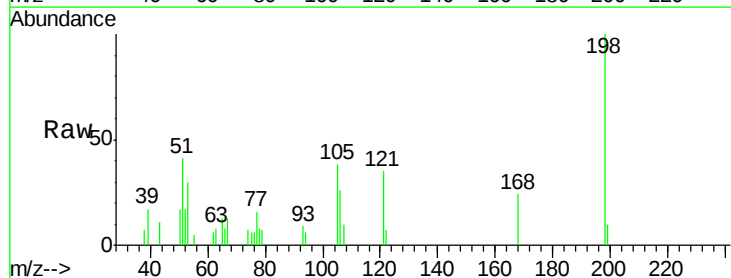
Manual Integrations
APPROVED

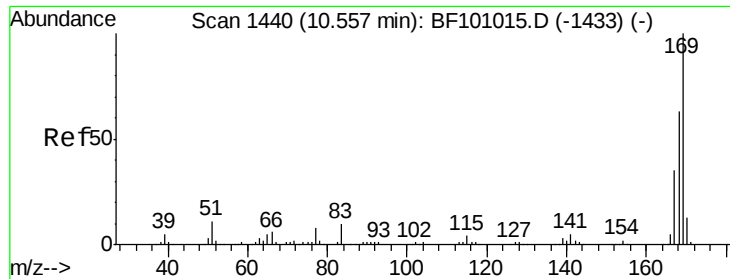
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 5.790 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	41.5	37.7	77.7
105	37.7	36.3	76.3





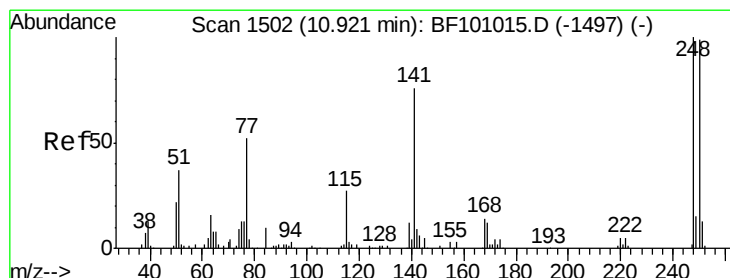
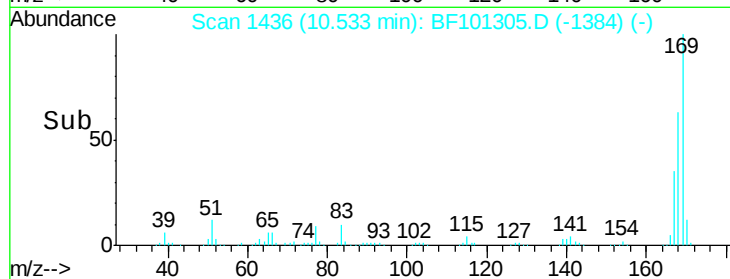
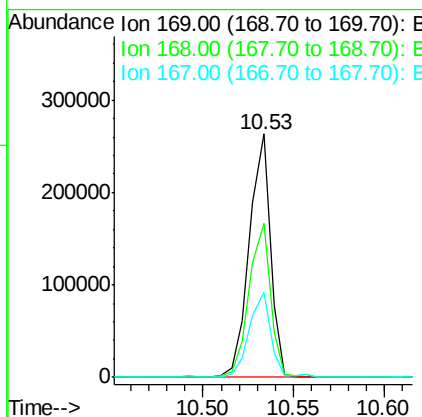
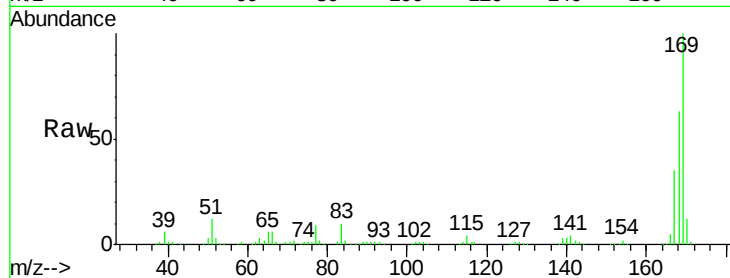
#65
n-Nitrosodiphenylamine
Concen: 44.864 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Instrument :
BNA_F
ClientSampleId :
PB104912BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	215273		
168	63.2		54.4	81.6
167	35.0		29.8	44.6

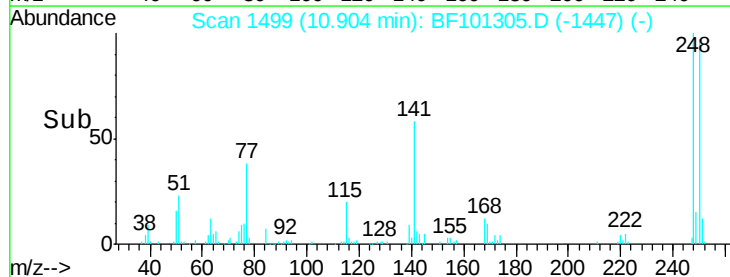
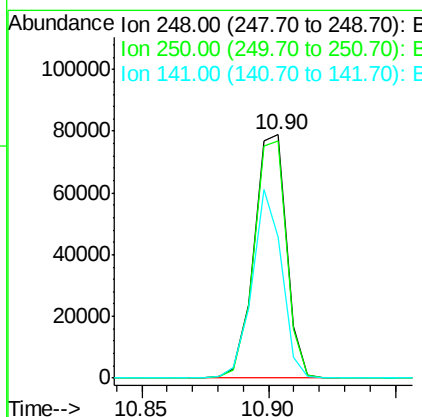
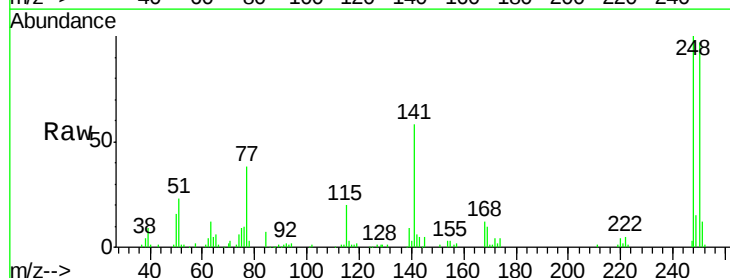
Manual Integrations
APPROVED

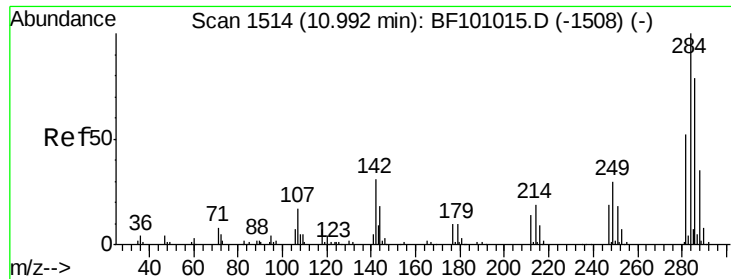
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#66
4-Bromophenyl-phenylether
Concen: 46.530 ng
RT: 10.90 min Scan# 1499
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	70839		
250	97.3		76.9	115.3
141	57.8		74.4	111.6#





#67

Hexachlorobenzene

Concen: 42.294 ng

RT: 10.97 min Scan# 1511

Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

Instrument :

BNA_F

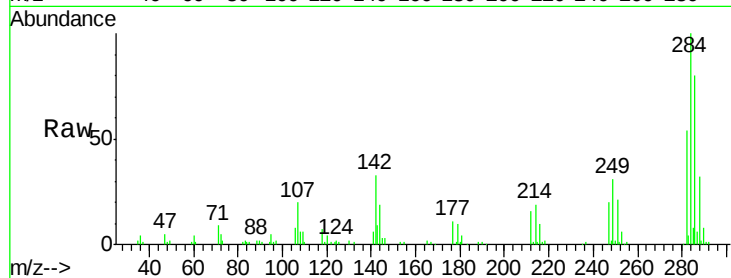
ClientSampled :

PB104912BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	32.8	34.6	52.0#
249	30.5	24.8	37.2

Manual Integrations
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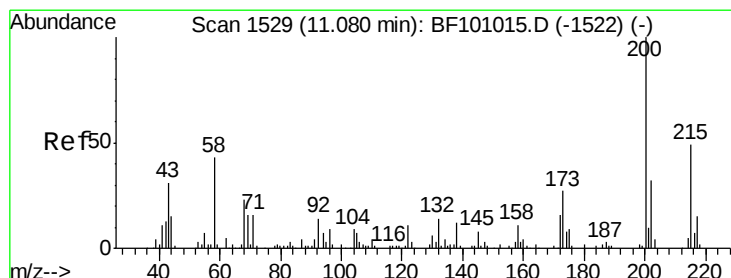
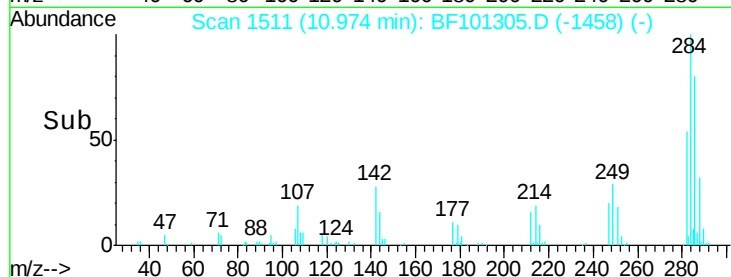
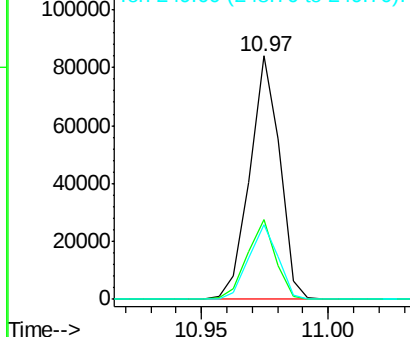
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 47.161 ng

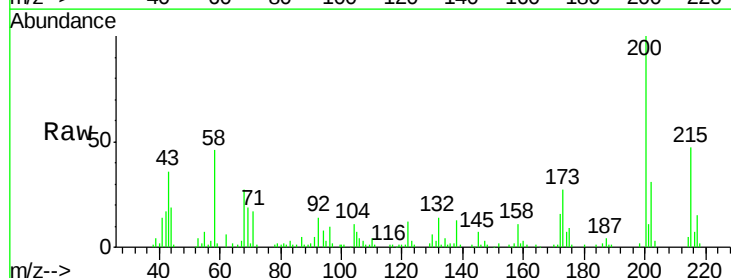
RT: 11.06 min Scan# 1525

Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

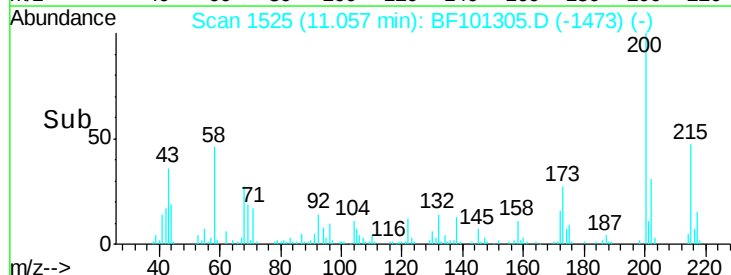
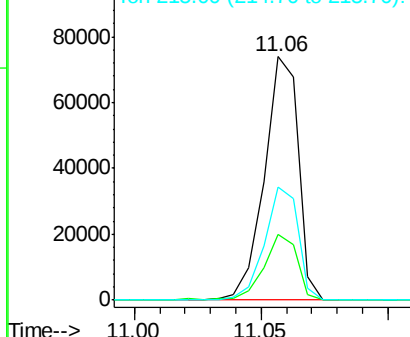
Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.8	8.6	48.6
215	46.6	25.1	65.1

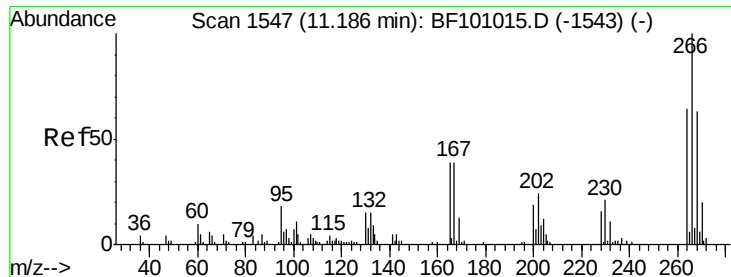


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





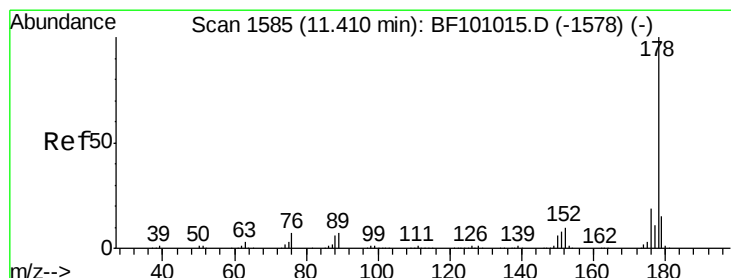
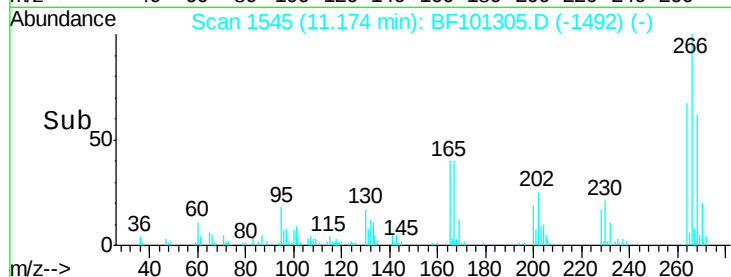
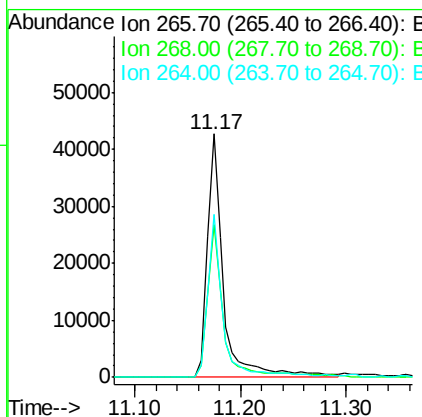
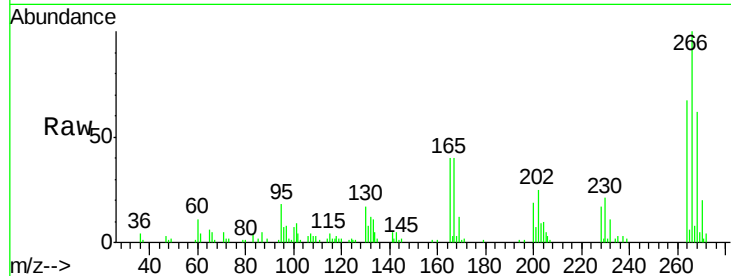
#69
 Pentachlorophenol
 Concen: 50.434 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. 0.01 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

Instrument :
 BNA_F
 ClientSampleId :
 PB104912BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.5	51.1	76.7
264	66.9	49.5	74.3

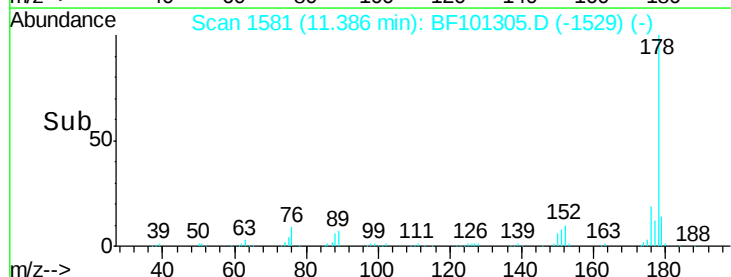
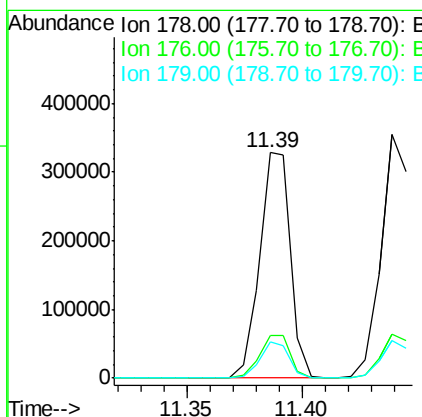
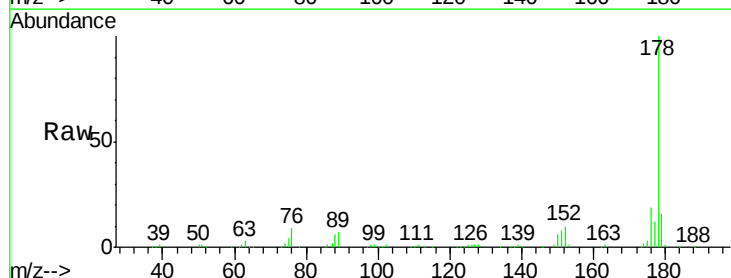
Manual Integrations
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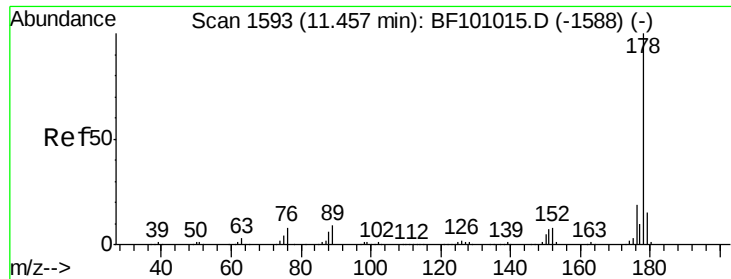
Sohil
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#70
 Phenanthrene
 Concen: 40.699 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. 0.01 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	16.2	13.0	19.6





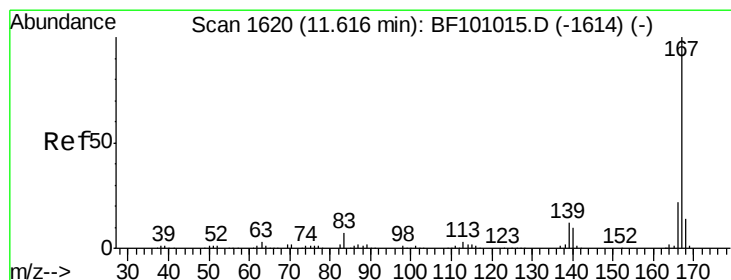
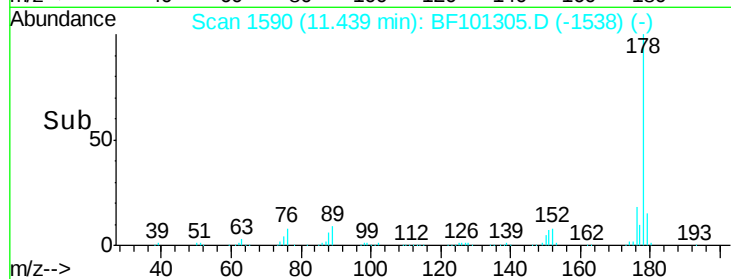
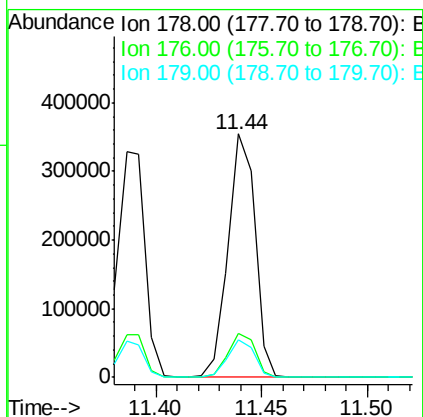
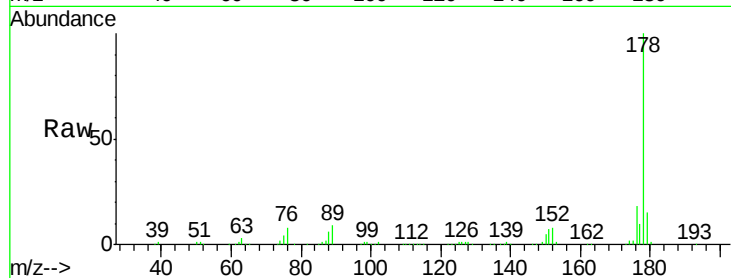
#71
 Anthracene
 Concen: 41.228 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

Instrument :
 BNA_F
 ClientSampleId :
 PB104912BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.2
179	15.3	12.6	19.0

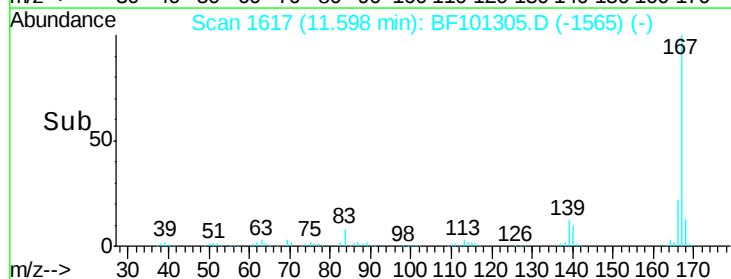
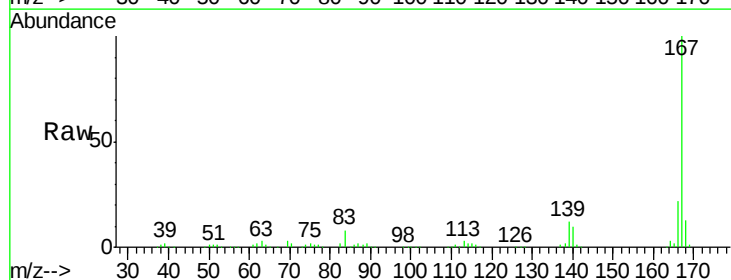
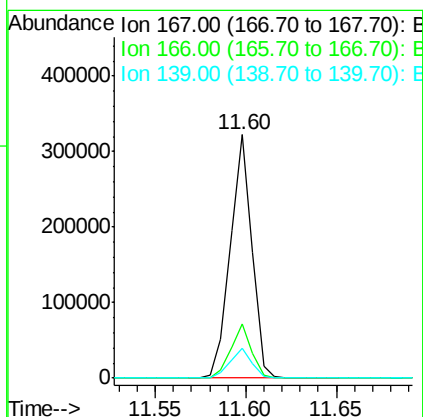
Manual Integrations
 APPROVED

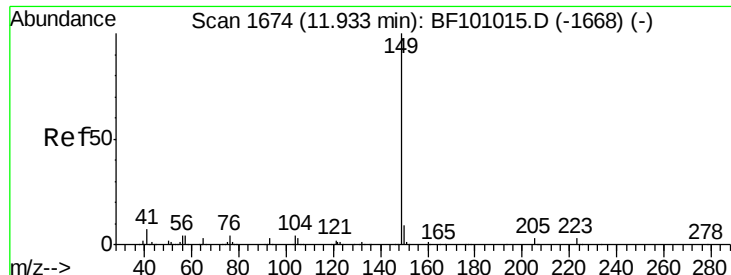
Sohil
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#72
 Carbazole
 Concen: 38.817 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. 0.01 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	12.2	10.9	16.3





#73

Di-n-butylphthalate

Concen: 42.479 ng

RT: 11.92 min Scan# 1671

Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

Instrument :

BNA_F

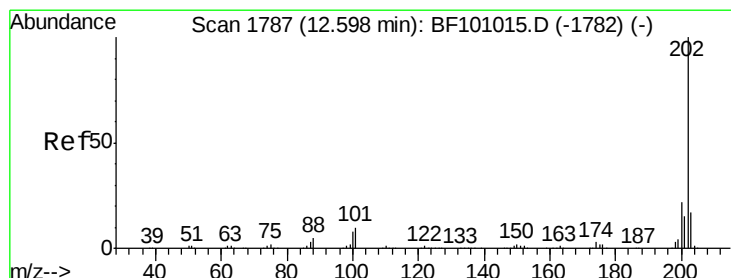
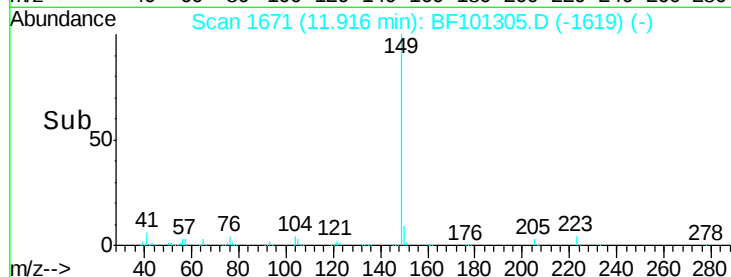
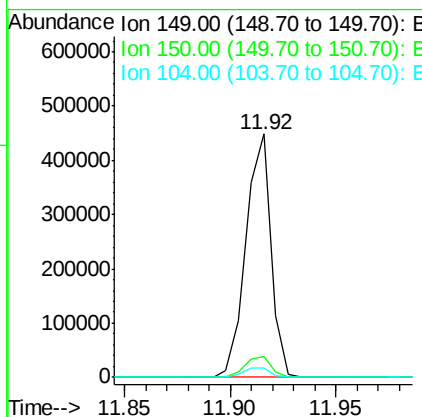
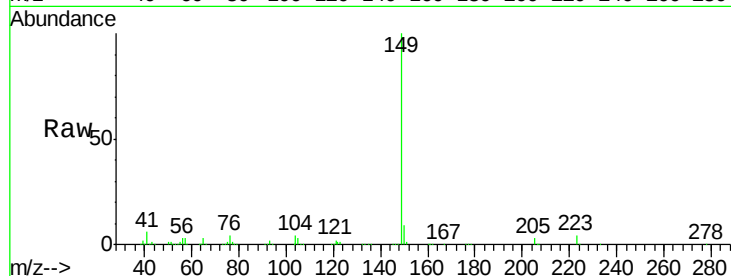
ClientSampleId :

PB104912BS

Tot Ion:	149	Resp:	368774
Ion Ratio	Lower	Upper	
149	100		
150	8.8	7.8	11.6
104	3.9	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 35.123 ng

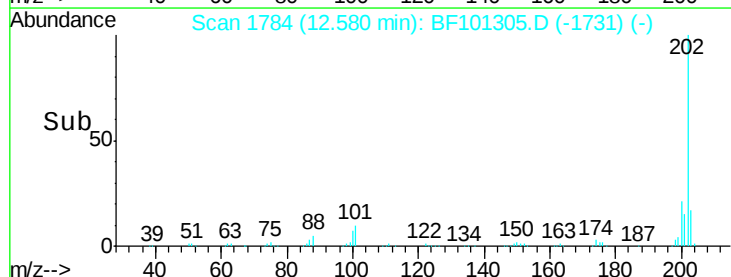
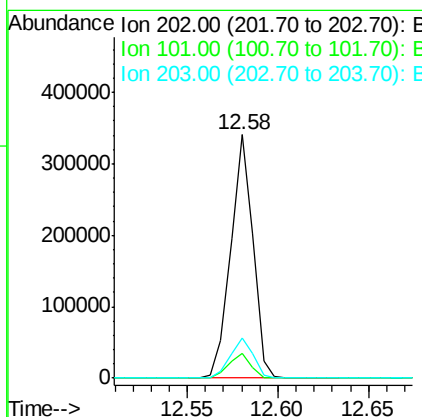
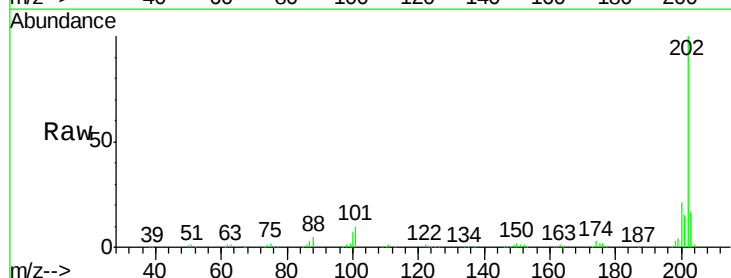
RT: 12.58 min Scan# 1784

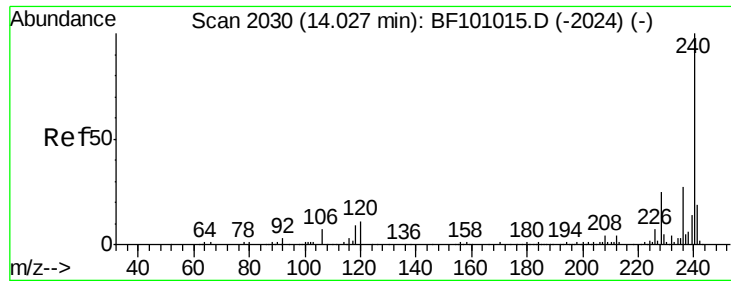
Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

Tgt Ion:	202	Resp:	291611
Ion Ratio	Lower	Upper	
202	100		
101	10.3	0.0	34.1
203	16.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

Instrument :

BNA_F

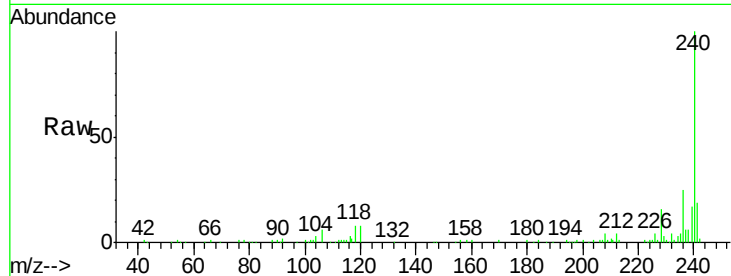
ClientSampleId :

PB104912BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.4	9.5	14.3#
236	24.6	20.7	31.1

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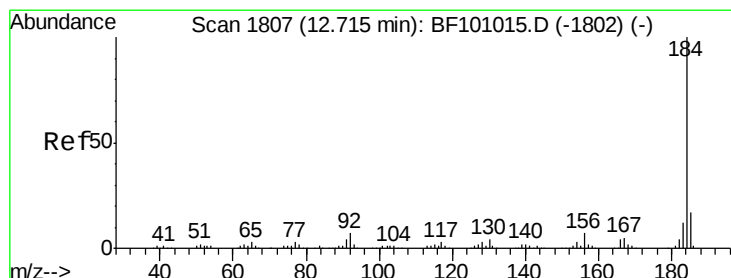
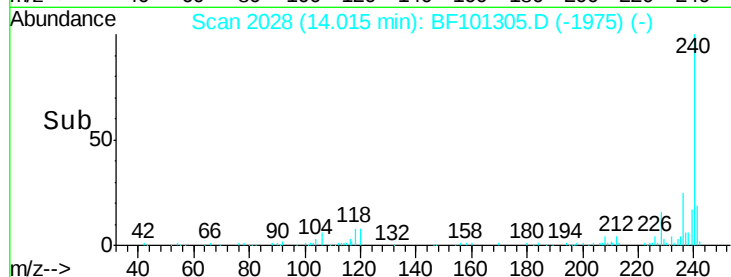
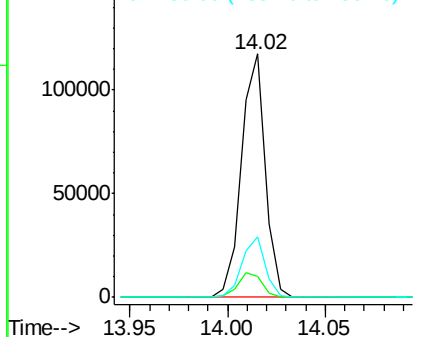
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 47.423 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF101305.D

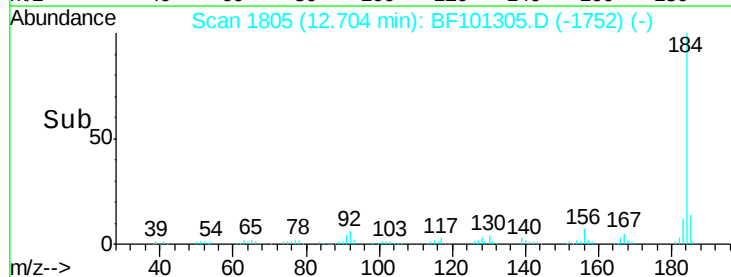
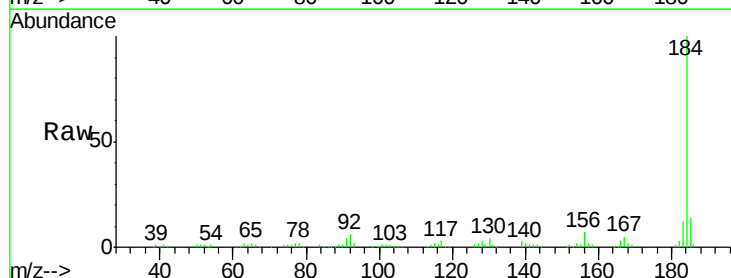
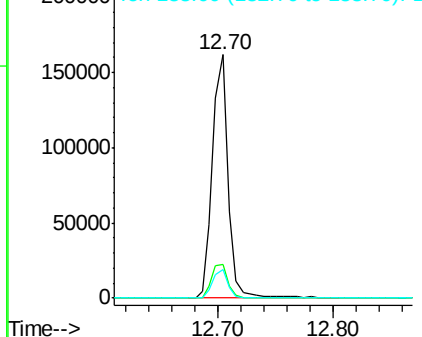
Acq: 11 Dec 2017 23:37

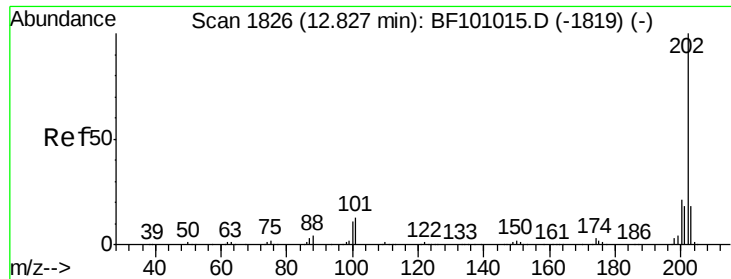
Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.7	12.6	18.8
183	11.5	9.3	13.9

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





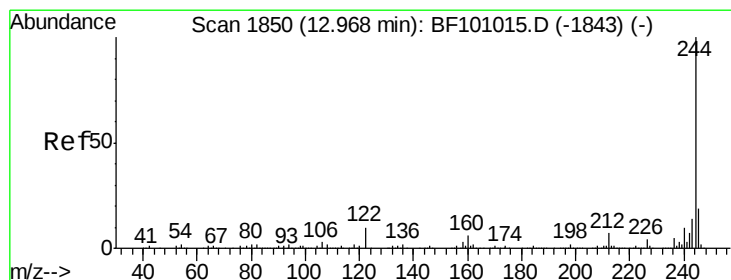
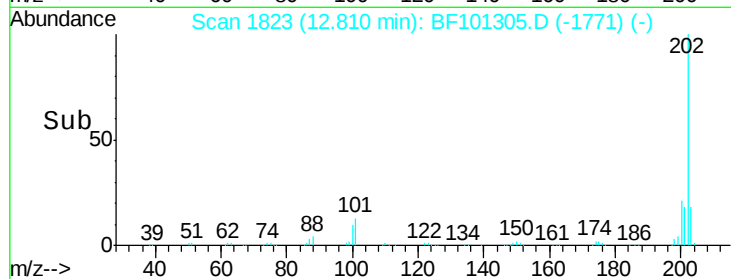
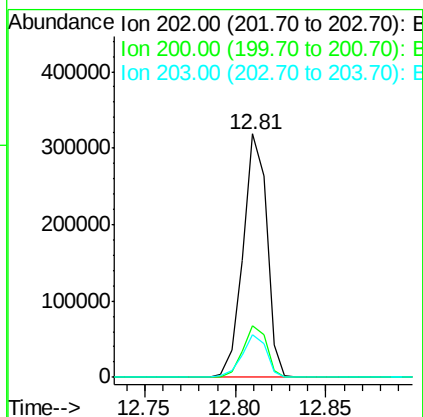
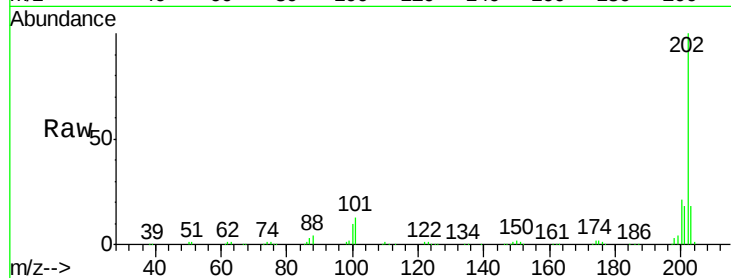
#77
Pvrene
Concen: 42.338 ng
RT: 12.81 min Scan# 1823
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Instrument :
BNA_F
ClientSampleId :
PB104912BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.5	14.3	21.5

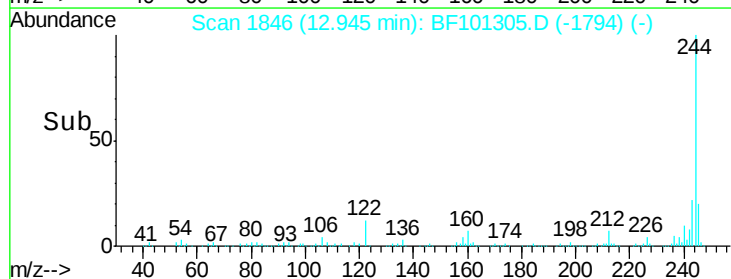
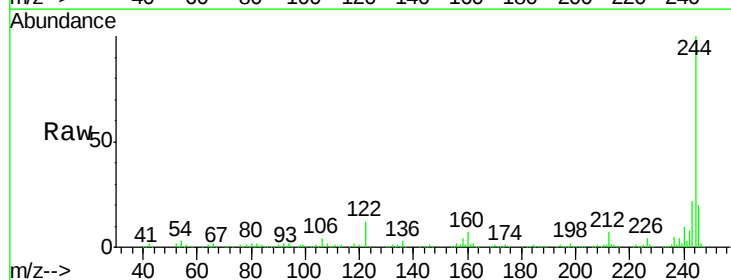
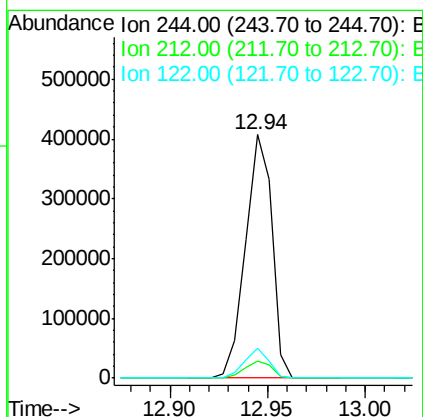
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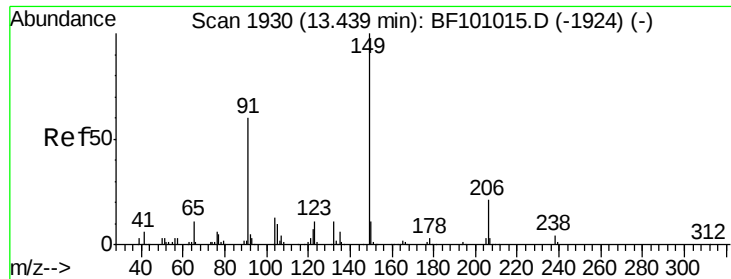
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#78
Terphenyl-d14
Concen: 84.216 ng
RT: 12.94 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.0	11.0	16.4





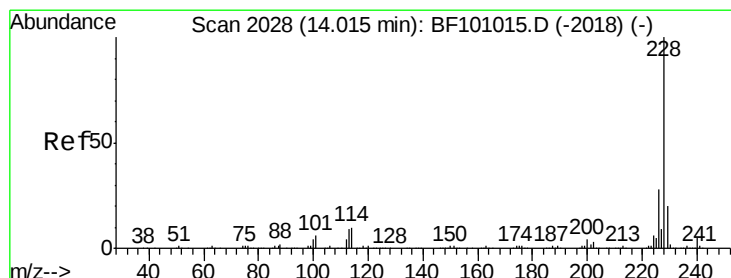
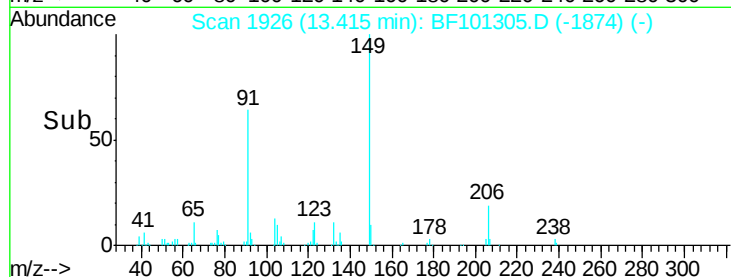
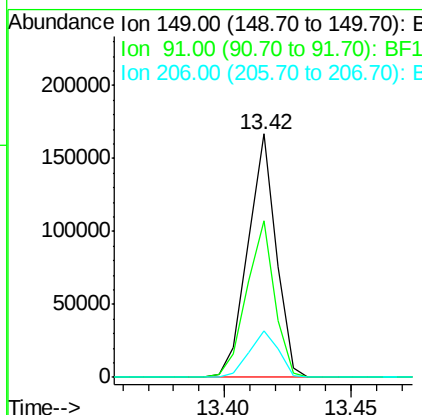
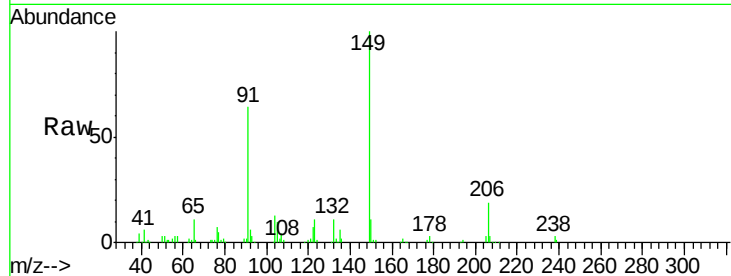
#79
Butylbenzylphthalate
Concen: 42.629 ng
RT: 13.42 min Scan# 1926
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Instrument :
BNA_F
ClientSampleId :
PB104912BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	64.4	56.8	85.2
206	19.3	14.1	21.1

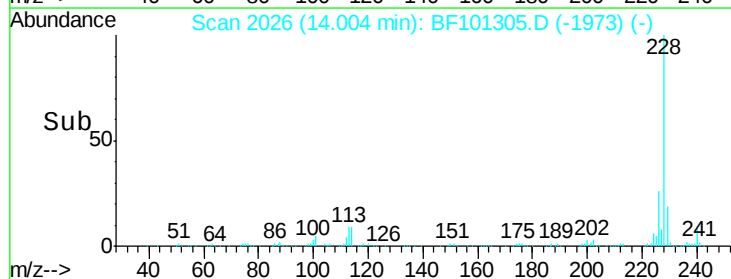
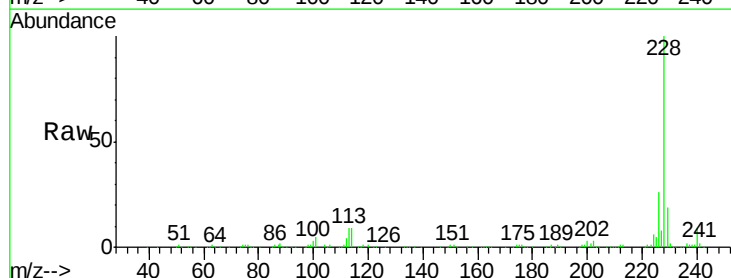
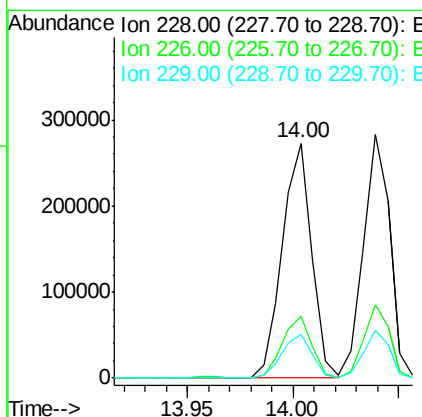
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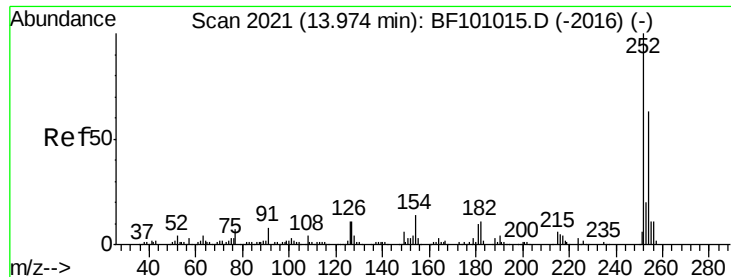
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#80
Benzo(a)anthracene
Concen: 42.147 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.4	22.6	33.8
229	18.8	15.8	23.6





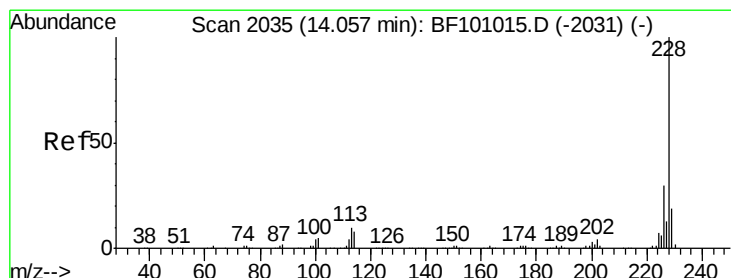
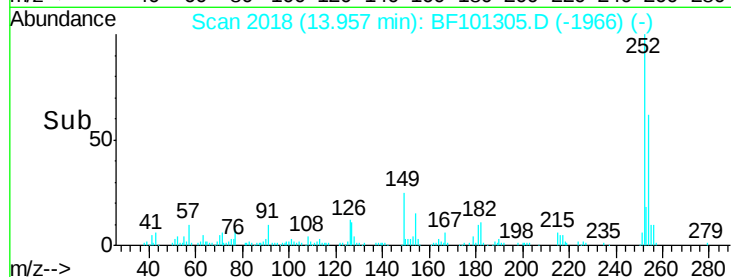
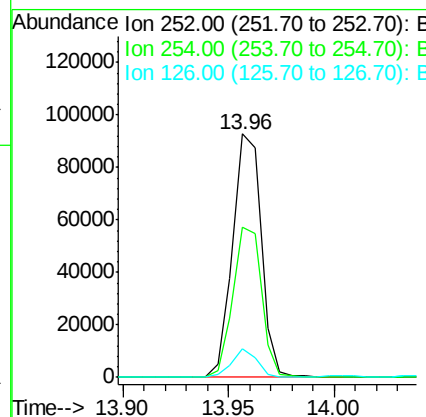
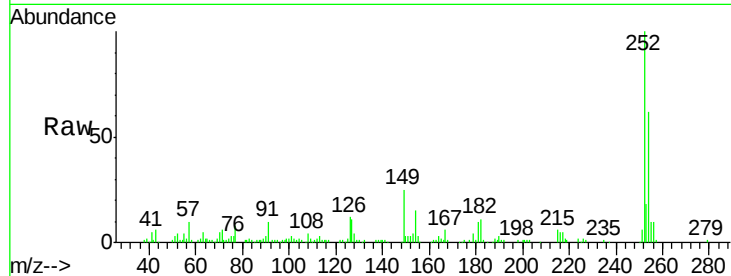
#81
 3,3'-Dichlorobenzidine
 Concen: 39.770 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.01 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

Instrument :
 BNA_F
 ClientSampleId :
 PB104912BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	61.6	50.4	75.6
126	11.7	11.3	16.9

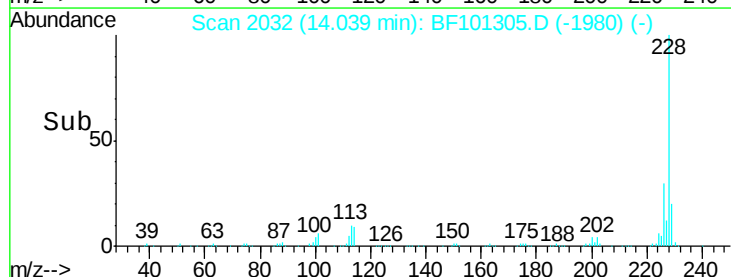
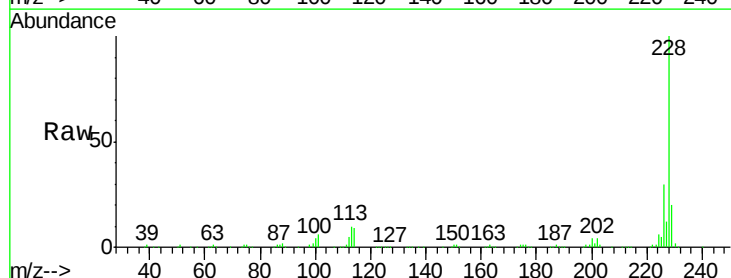
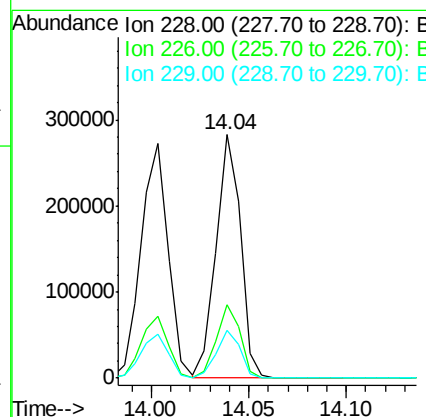
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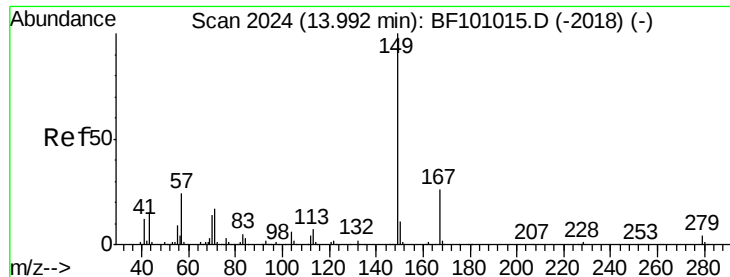
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#82
 Chrysene
 Concen: 42.309 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.01 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	19.7	16.2	24.4





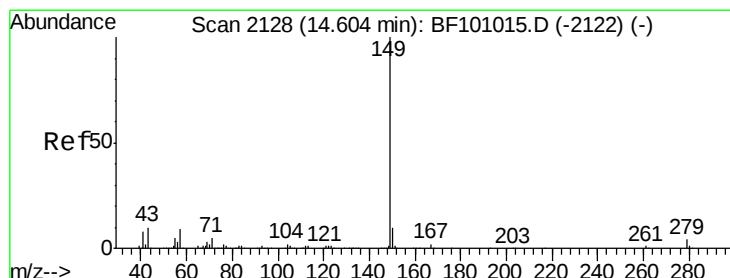
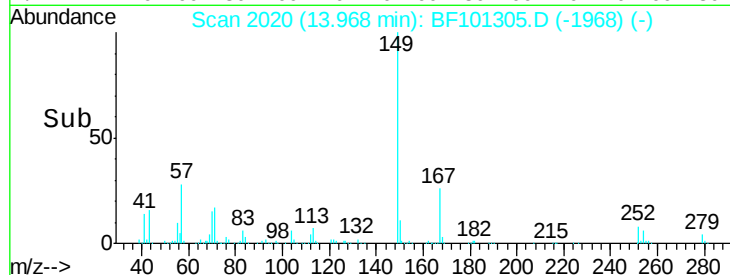
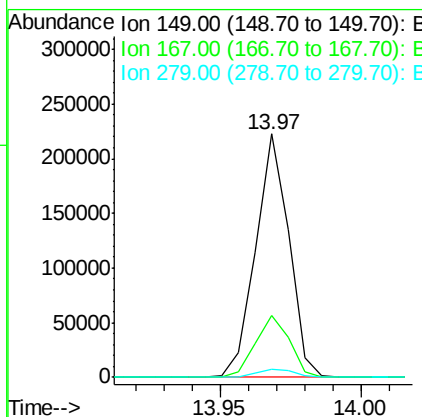
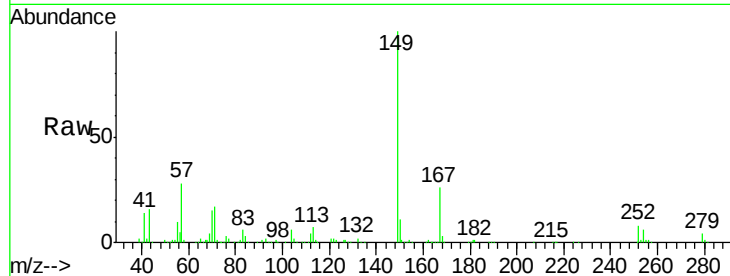
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.196 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

Instrument :
 BNA_F
 ClientSampleId :
 PB104912BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.6	21.3	31.9
279	3.5	3.0	4.4

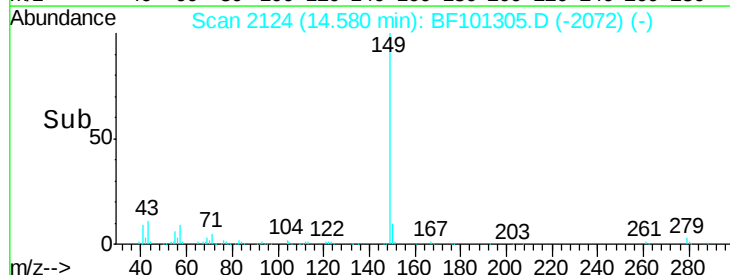
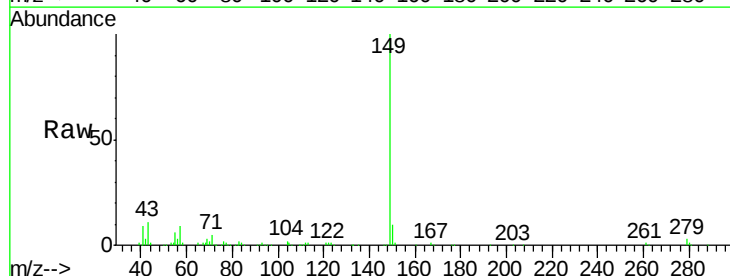
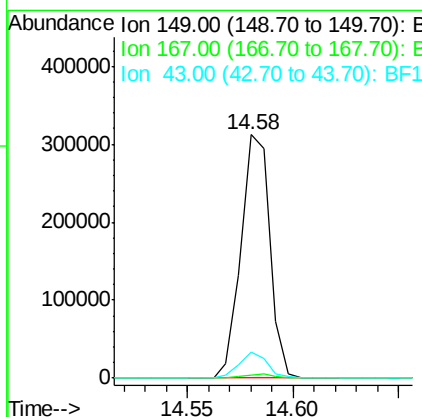
Manual Integrations
 APPROVED

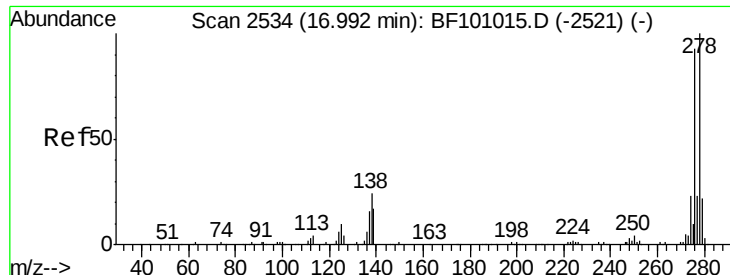
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 41.198 ng
 RT: 14.58 min Scan# 2124
 Delta R.T. 0.01 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

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





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.407 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.04 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

Instrument :

BNA_F

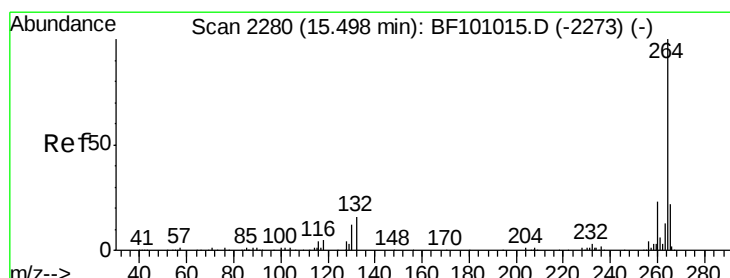
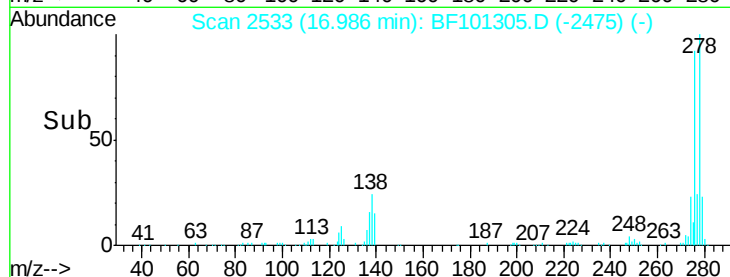
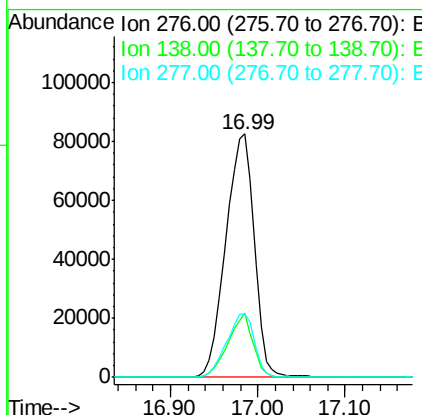
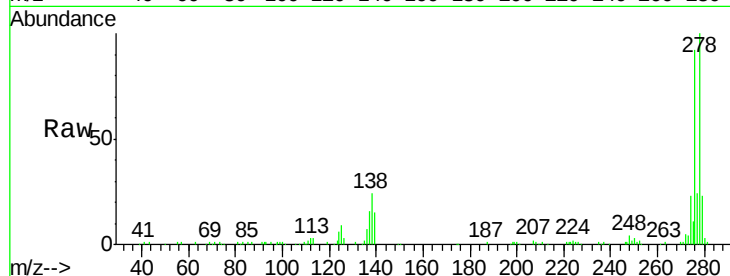
ClientSampleID :

PB104912BS

Tot Ion:	276	Resp:	183668
Ion Ratio	Lower	Upper	
276	100		
138	22.8	25.0	37.6#
277	25.2	20.1	30.1

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng

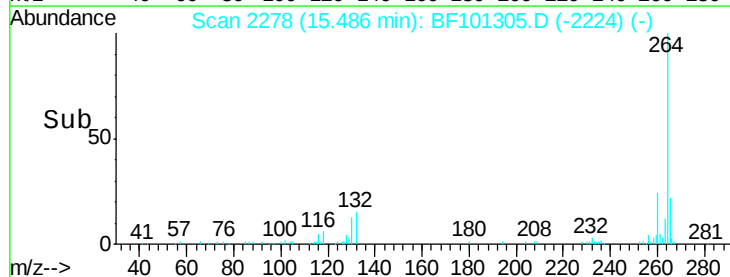
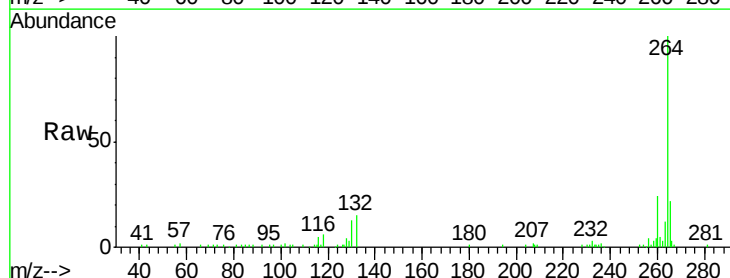
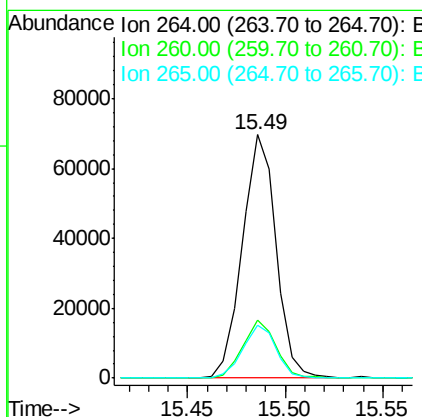
RT: 15.49 min Scan# 2278

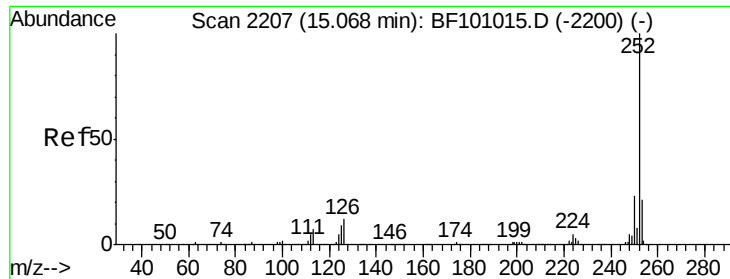
Delta R.T. 0.02 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

Tgt Ion:	264	Resp:	83450
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.2	28.8
265	21.7	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 41.497 ng

RT: 15.06 min Scan# 2205

Delta R.T. 0.02 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

Instrument :

BNA_F

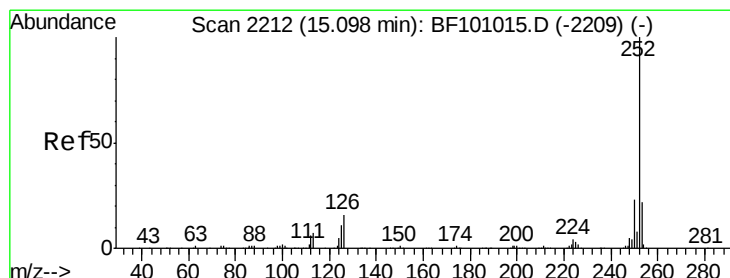
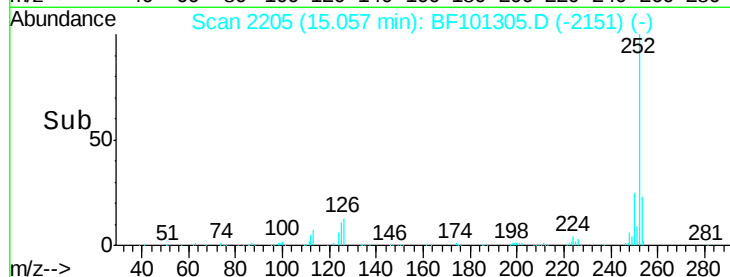
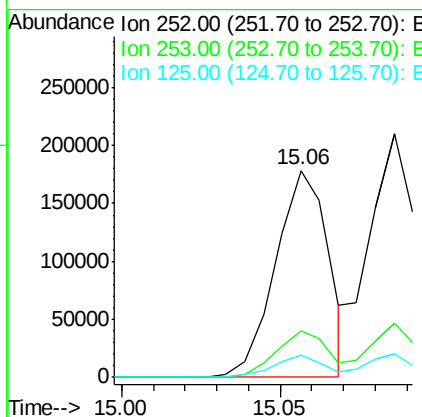
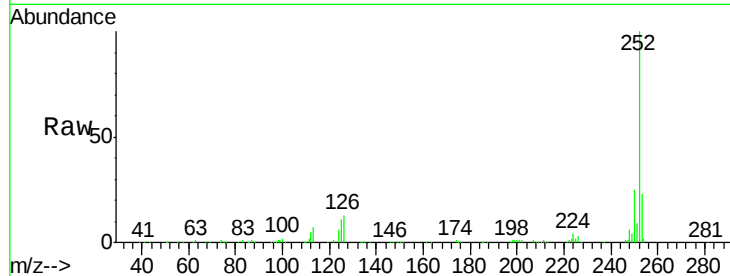
ClientSampleId :

PB104912BS

Tot Ion:	252	Resp:	207422
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.0	25.6
125	10.9	9.0	13.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 43.606 ng m

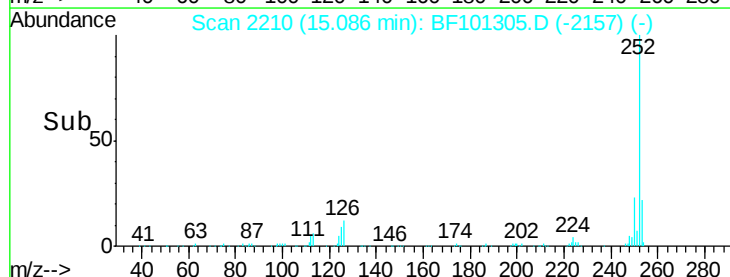
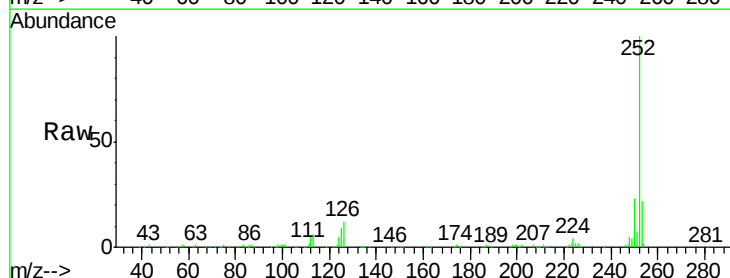
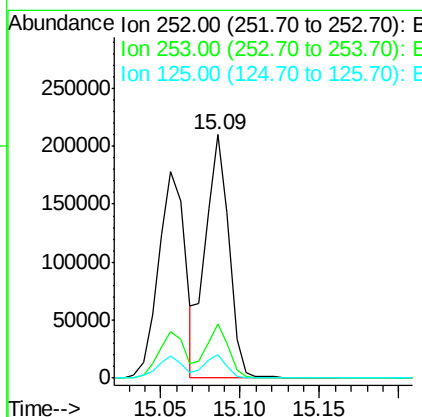
RT: 15.09 min Scan# 2210

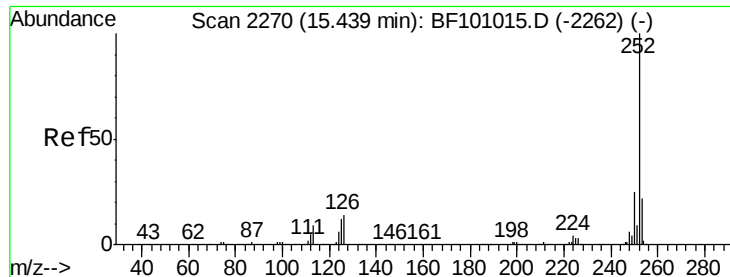
Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

Tgt Ion:	252	Resp:	214740
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.9	26.9
125	9.5	10.2	15.2#





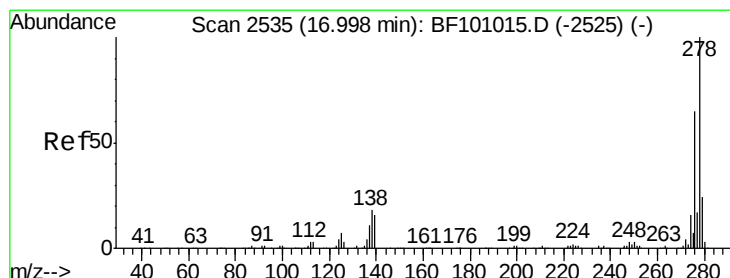
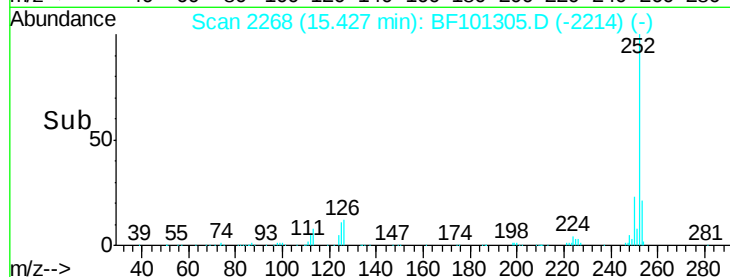
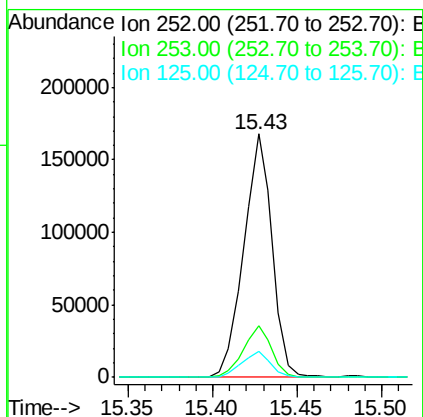
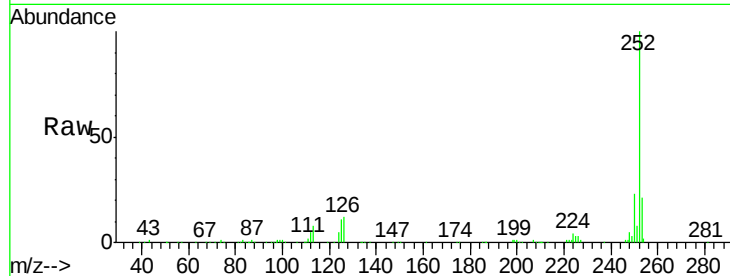
#89
Benzo(a)pyrene
Concen: 43.205 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.02 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Instrument :
BNA_F
ClientSampleId :
PB104912BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.1	25.7
125	10.7	9.8	14.6

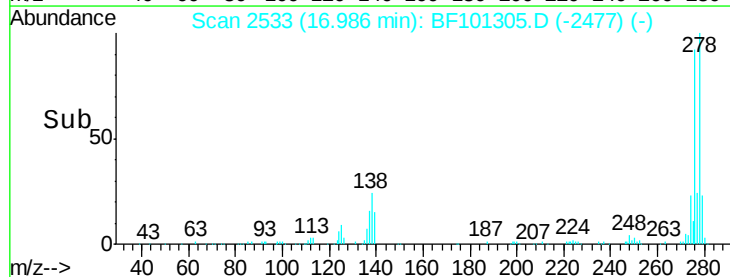
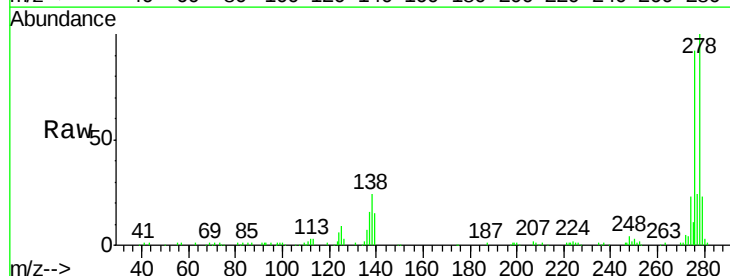
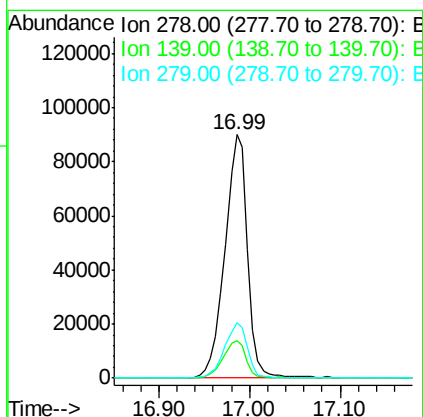
Manual Integrations
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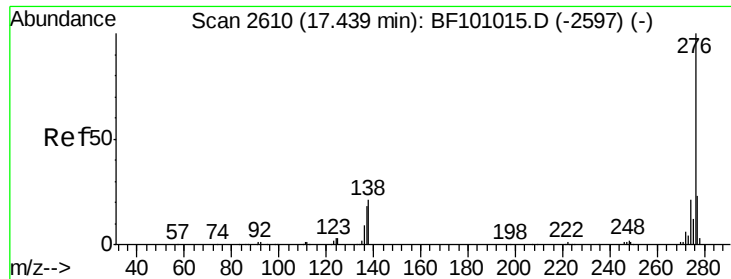
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 38.865 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.03 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.3	15.9	23.9#
279	22.9	19.0	28.4





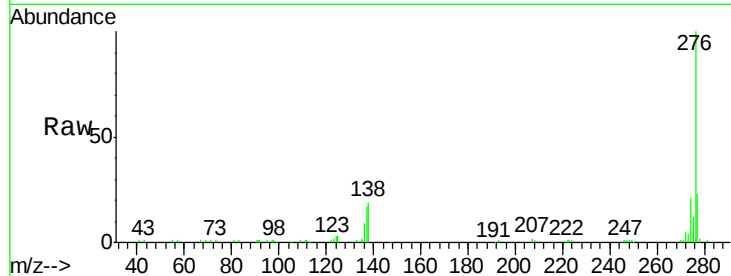
#91
 Benzo(a,h,i)perylene
 Concen: 38.811 ng
 RT: 17.43 min Scan# 2609
 Delta R.T. 0.04 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

Instrument :
 BNA_F
 ClientSampleId :
 PB104912BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.8	17.9	26.9
138	18.7	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 12/12/2017 3:59:22 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

