

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
 Data File : BF101116.D
 Acq On : 5 Dec 2017 11:33
 Operator : SJ/JU
 Sample : PB104699BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104699BS

Manual Integrations
 APPROVED

Sohil
 12/6/2017 5:12:15 PM

Quant Time: Dec 05 13:13:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	52123	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	206029	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	99400	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	196978	20.00	ng	0.00
75) Chrysene-d12	14.03	240	142341	20.00	ng	0.00
86) Perylene-d12	15.50	264	112568	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	350940	111.26	ng	0.02
7) Phenol-d6	6.49	99	428777	111.96	ng	0.01
23) Nitrobenzene-d5	7.42	82	263295	76.23	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	132180	110.70	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	596058	82.04	ng	0.00
78) Terphenyl-d14	12.96	244	603381	92.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	42208	32.360	ng	93
3) Pyridine	3.47	79	120379	35.601	ng	91
4) n-Nitrosodimethylamine	3.43	42	63342	38.355	ng	# 95
6) Aniline	6.52	93	71007	14.259	ng	98
8) 2-Chlorophenol	6.64	128	133897	38.932	ng	94
9) Benzaldehyde	6.40	77	48706	20.780	ng	97
10) Phenol	6.50	94	156887	36.843	ng	91
11) bis(2-Chloroethyl)ether	6.59	93	118478	37.093	ng	99
12) 1,3-Dichlorobenzene	6.79	146	152172	37.998	ng	97
13) 1,4-Dichlorobenzene	6.86	146	151594	36.562	ng	98
14) 1,2-Dichlorobenzene	7.02	146	144178	37.281	ng	98
15) Benzyl Alcohol	6.99	79	112990	38.200	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	190977	43.987	ng	97
17) 2-Methylphenol	7.10	107	108604	39.106	ng	97
18) Hexachloroethane	7.36	117	50829	38.158	ng	92
19) n-Nitroso-di-n-propylamine	7.26	70	91747	35.573	ng	95
20) 3+4-Methylphenols	7.26	107	140442	38.777	ng	# 70
22) Acetophenone	7.26	105	174777	35.113	ng	# 88
24) Nitrobenzene	7.43	77	132454	39.130	ng	100
25) Isophorone	7.67	82	242455	41.098	ng	97
26) 2-Nitrophenol	7.75	139	74905	40.311	ng	93
27) 2,4-Dimethylphenol	7.79	122	124747	46.408	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	153568	38.731	ng	99
29) 2,4-Dichlorophenol	7.99	162	120284	41.110	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	125217	38.919	ng	95
31) Naphthalene	8.15	128	386462	38.059	ng	100
32) Benzoic acid	7.92	122	66377	31.749	ng	96
33) 4-Chloroaniline	8.20	127	28599	7.010	ng	98
34) Hexachlorobutadiene	8.26	225	74541	37.775	ng	98
35) Caprolactam	8.59	113	35495m	38.926	ng	
36) 4-Chloro-3-methylphenol	8.69	107	122764	40.505	ng	99
37) 2-Methylnaphthalene	8.85	142	273106	39.583	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	128831	35.677	ng	# 96
40) Hexachlorocyclopentadiene	8.99	237	70089	55.985	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	89378	42.223	nq	99
43) 2,4,5-Trichlorophenol	9.17	196	91771	40.552	nq	93
45) 1,1'-Biphenyl	9.31	154	324613	35.644	nq	96
46) 2-Chloronaphthalene	9.34	162	257984	39.888	nq	96
47) 2-Nitroaniline	9.43	65	73835	38.586	nq	97
48) Acenaphthylene	9.75	152	402993	37.915	nq	99
49) Dimethylphthalate	9.61	163	303225	37.826	nq	99
50) 2,6-Dinitrotoluene	9.68	165	66685	39.495	nq	# 86
51) Acenaphthene	9.92	154	233876	36.747	nq	99
52) 3-Nitroaniline	9.85	138	25851	13.615	nq	92
53) 2,4-Dinitrophenol	9.96	184	41168	49.381	nq	# 18
54) Dibenzofuran	10.10	168	352620	38.446	nq	97
55) 4-Nitrophenol	10.02	139	90932	71.012	nq	94
56) 2,4-Dinitrotoluene	10.09	165	86256	38.119	nq	96
57) Fluorene	10.44	166	286069	38.368	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	75953	41.918	nq	# 86
59) Diethylphthalate	10.31	149	298910	37.804	nq	97
60) 4-Chlorophenyl-phenylether	10.43	204	140814	38.251	nq	92
61) 4-Nitroaniline	10.47	138	62213	31.564	nq	89
62) Azobenzene	10.59	77	256277	38.192	nq	96
64) 4,6-Dinitro-2-methylphenol	10.50	198	33617	25.445	nq	83
65) n-Nitrosodiphenylamine	10.55	169	259749	37.378	nq	95
66) 4-Bromophenyl-phenylether	10.92	248	88119	39.966	nq	89
67) Hexachlorobenzene	10.99	284	89453	37.855	nq	# 83
68) Atrazine	11.07	200	86103	40.393	nq	98
69) Pentachlorophenol	11.19	266	85581	65.867	nq	99
70) Phenanthrene	11.40	178	411029	37.892	nq	99
71) Anthracene	11.46	178	431941	39.344	nq	97
72) Carbazole	11.61	167	369470	36.833	nq	99
73) Di-n-butylphthalate	11.93	149	471788	37.525	nq	98
74) Fluoranthene	12.60	202	438495	36.467	nq	93
76) Benzidine	12.72	184	130427	28.178	nq	96
77) Pyrene	12.83	202	438043	44.598	nq	99
79) Butylbenzylphthalate	13.43	149	192822	44.527	nq	90
80) Benzo(a)anthracene	14.02	228	352448	39.217	nq	97
81) 3,3'-Dichlorobenzidine	13.97	252	67408	21.657	nq	# 98
82) Chrysene	14.05	228	323347	38.740	nq	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	265611	43.018	nq	100
84) Di-n-octyl phthalate	14.60	149	415707	40.436	nq	98
85) Indeno(1,2,3-cd)pyrene	16.99	276	275074	37.070	nq	# 92
87) Benzo(b)fluoranthene	15.07	252	262930	38.996	nq	98
88) Benzo(k)fluoranthene	15.10	252	237416	35.740	nq	# 95
89) Benzo(a)pyrene	15.43	252	237618	38.764	nq	99
90) Dibenzo(a,h)anthracene	17.00	278	231154	42.775	nq	# 94
91) Benzo(g,h,i)perylene	17.44	276	228168	44.802	nq	# 91

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

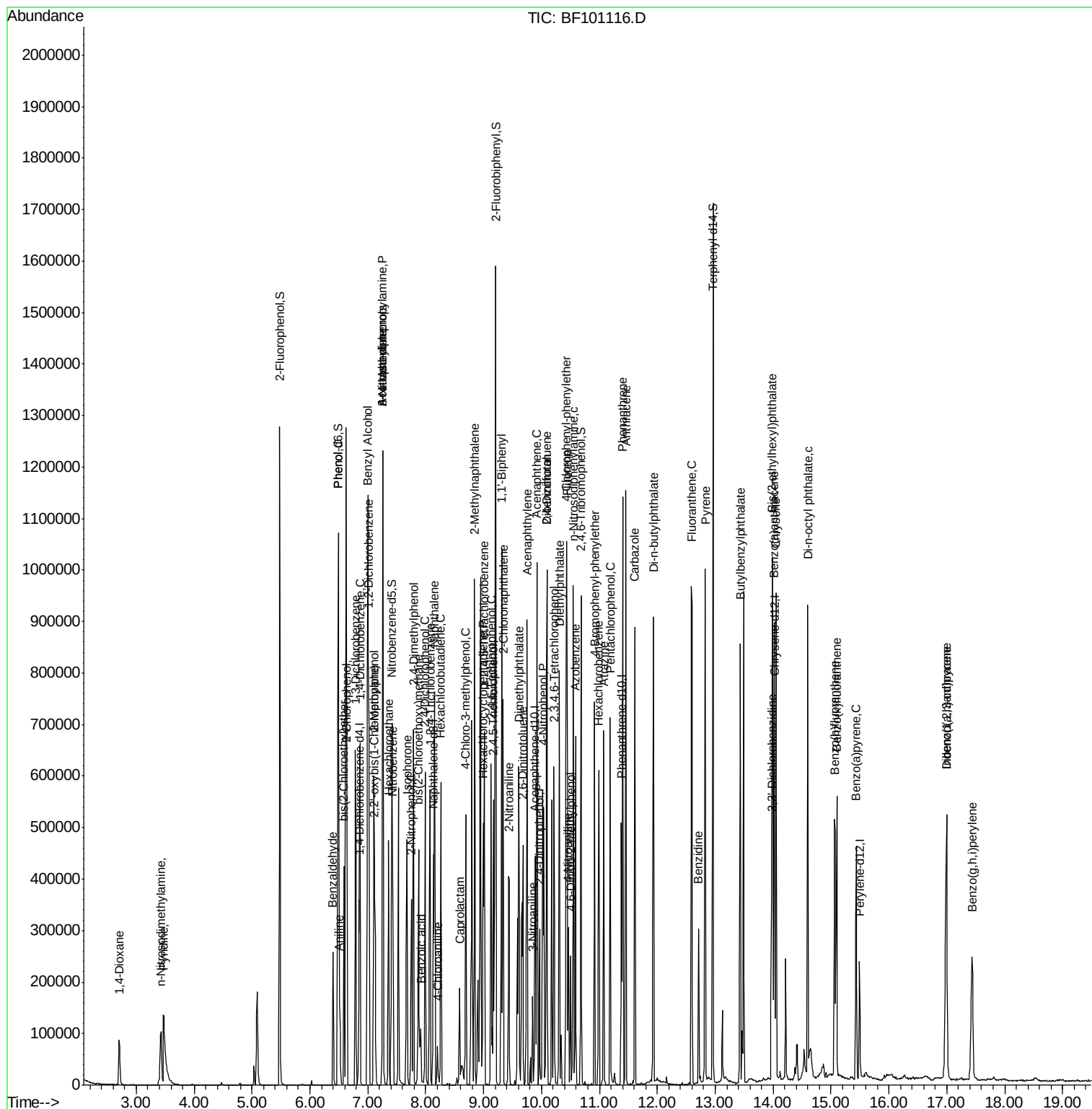
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Data File : BF101116.D  
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Operator  : SJ/JU  
Sample    : PB104699BS  
Misc      :  
ALS Vial  : 5 Sample Multiplier: 1
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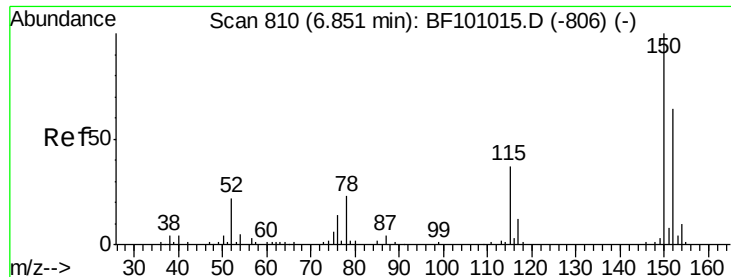
Instrument :
BNA_F
ClientSampleId :
PB104699BS

Manual Integrations APPROVED

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#1

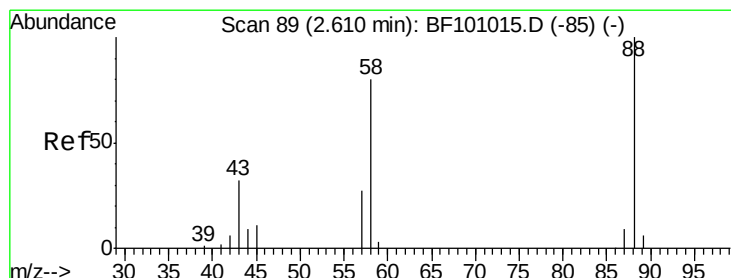
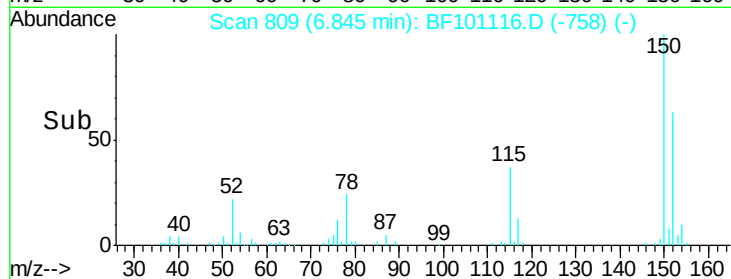
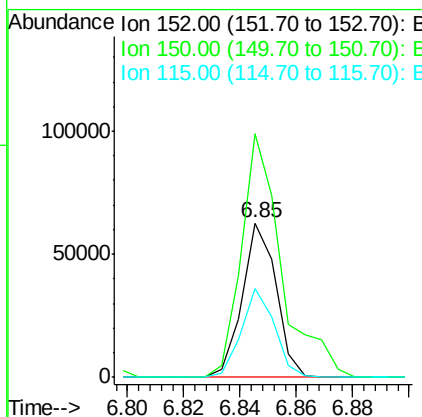
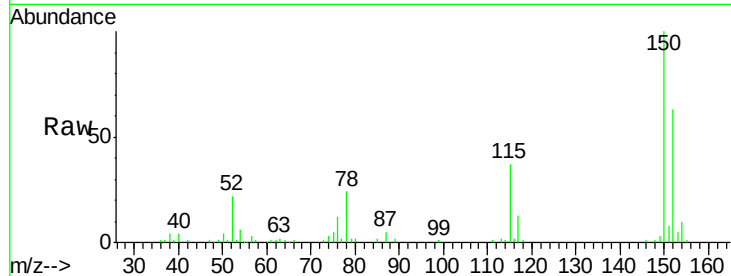
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Instrument :
BNA_F
ClientSampled :
PB104699BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.6	186.8
115	57.8	50.1	75.1

Manual Integrations
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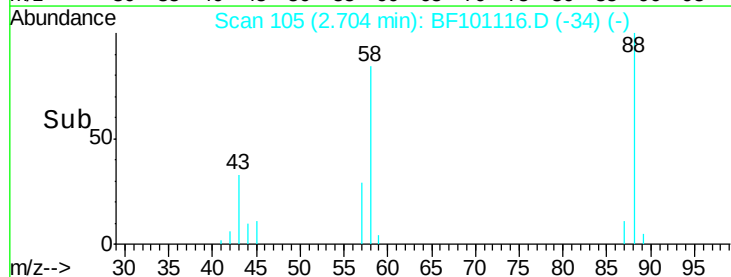
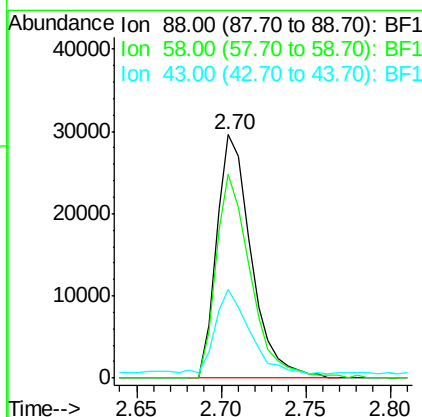
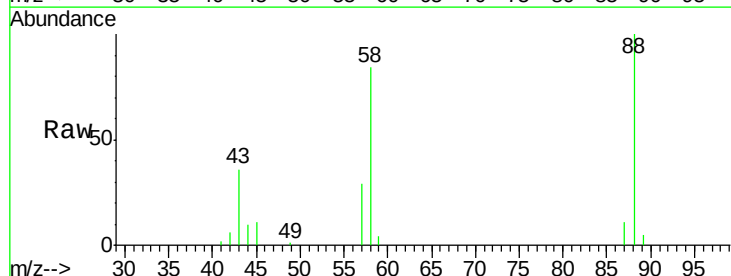
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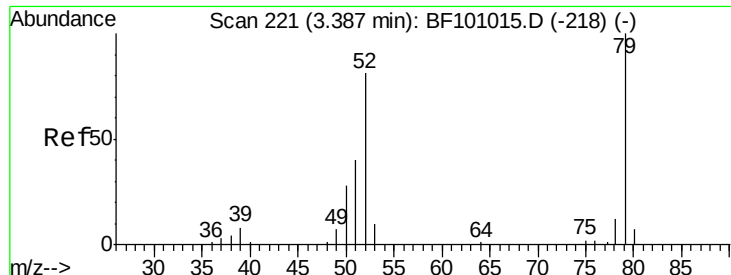


#2

1,4-Dioxane
Concen: 32.360 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.12 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.7	62.6	93.8
43	35.1	24.6	37.0





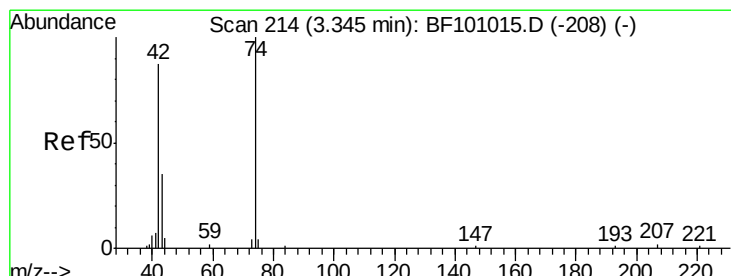
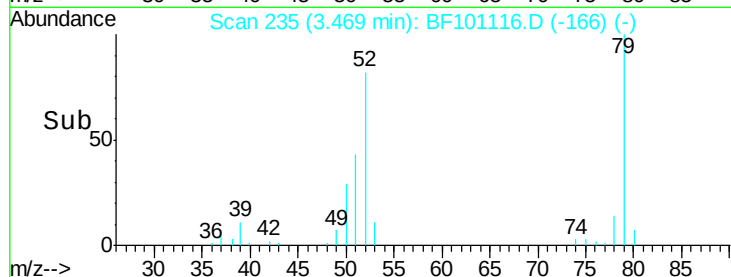
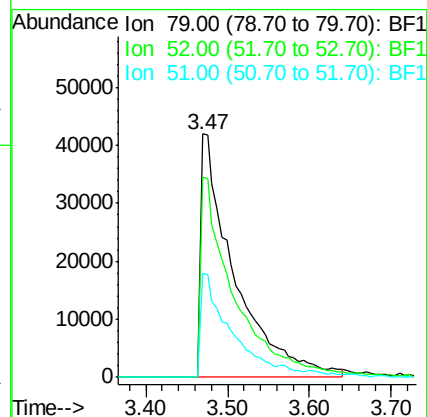
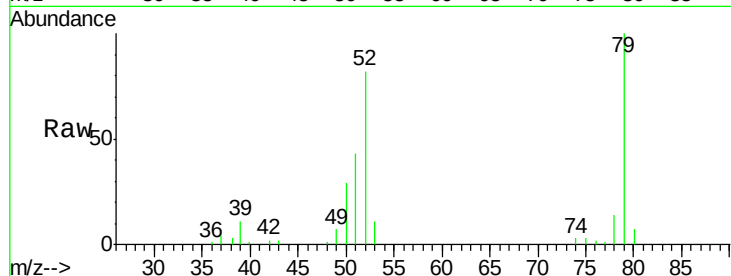
#3
 Pvridine
 Concen: 35.601 ng
 RT: 3.47 min Scan# 235
 Delta R.T. 0.11 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

Instrument :
 BNA_F
 ClientSampleId :
 PB104699BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	81.9	59.8	89.6
51	42.6	29.8	44.8

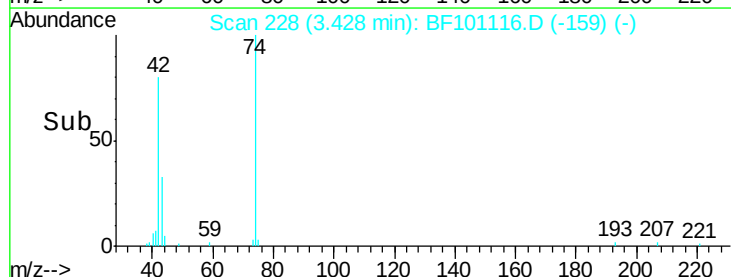
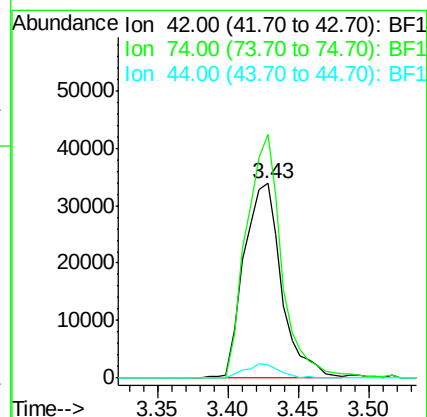
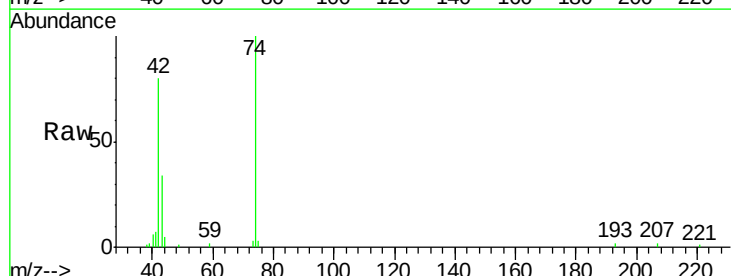
Manual Integrations
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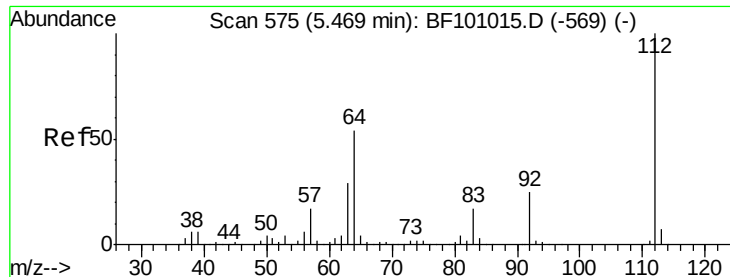
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#4
 n-Nitrosodimethylamine
 Concen: 38.355 ng
 RT: 3.43 min Scan# 228
 Delta R.T. 0.11 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

Tgt Ion	Ratio	Lower	Upper
42	100		
74	125.0	104.9	157.3
44	6.5	6.9	10.3#





#5

2-Fluorophenol

Concen: 111.258 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.02 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

Instrument :

BNA_F

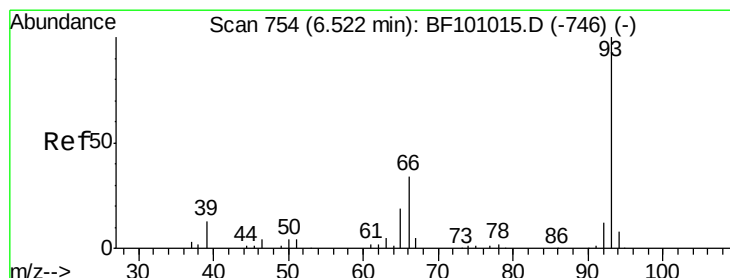
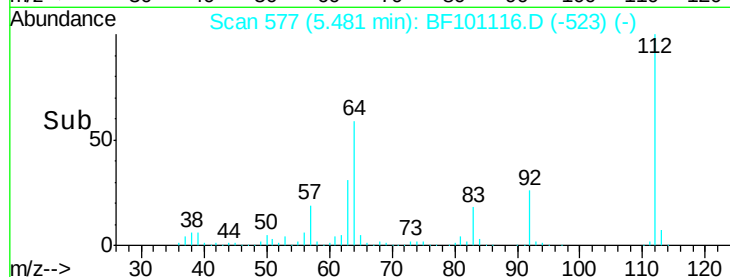
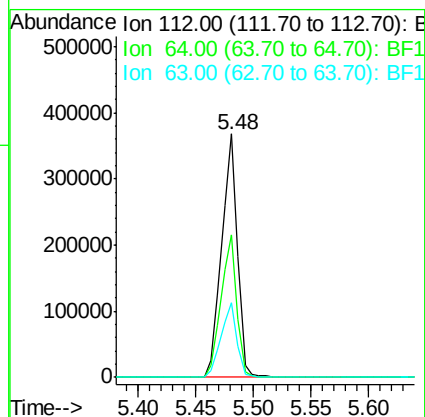
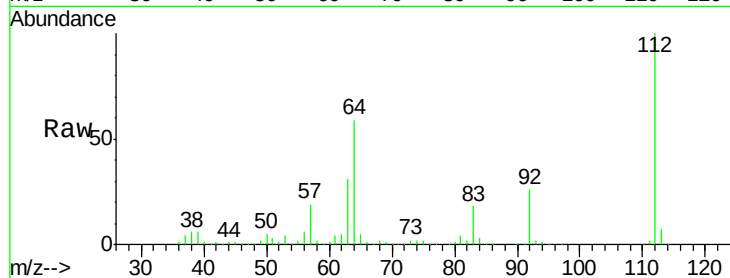
ClientSampleId :

PB104699BS

Tot Ion:	112	Resp:	350940
Ion Ratio	Lower	Upper	
112	100		
64	58.6	47.9	71.9
63	30.8	23.7	35.5

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#6

Aniline

Concen: 14.259 ng

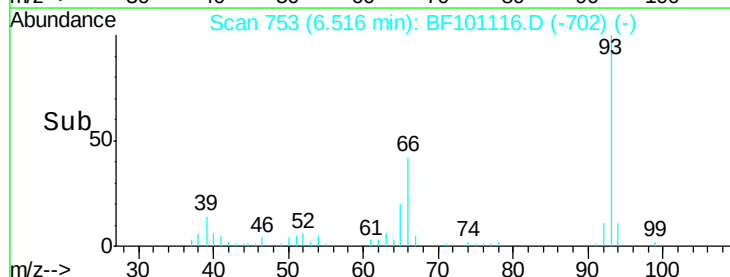
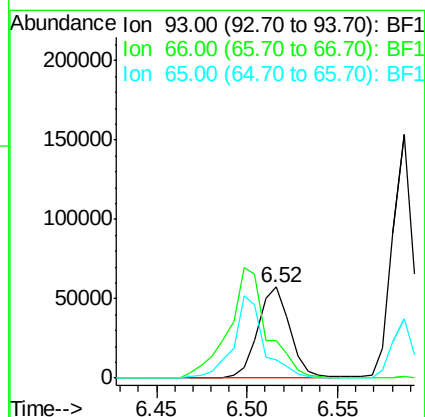
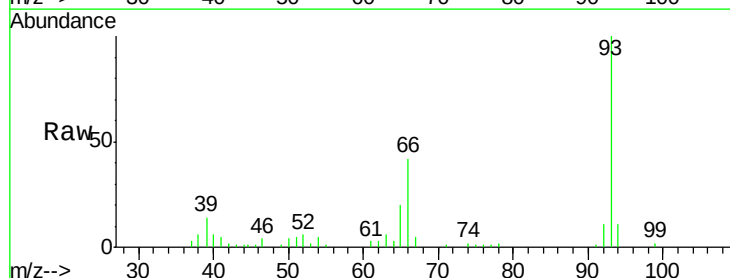
RT: 6.52 min Scan# 753

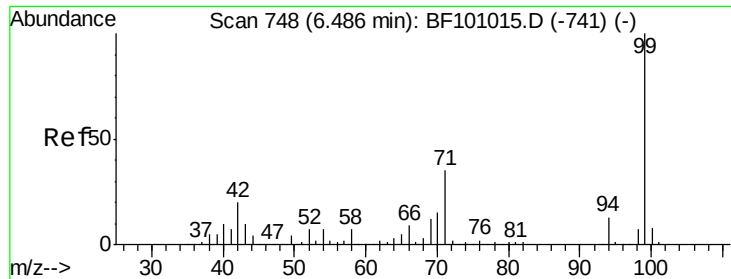
Delta R.T. 0.00 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

Tgt Ion:	93	Resp:	71007
Ion Ratio	Lower	Upper	
93	100		
66	41.8	32.2	48.2
65	20.1	16.4	24.6





#7

Phenol-d6

Concen: 111.963 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

Instrument :

BNA_F

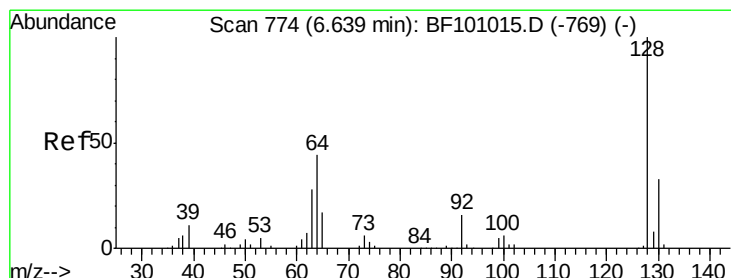
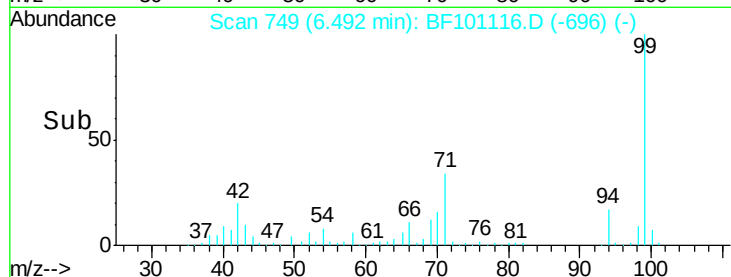
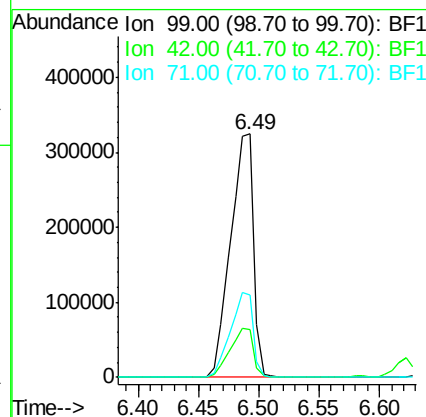
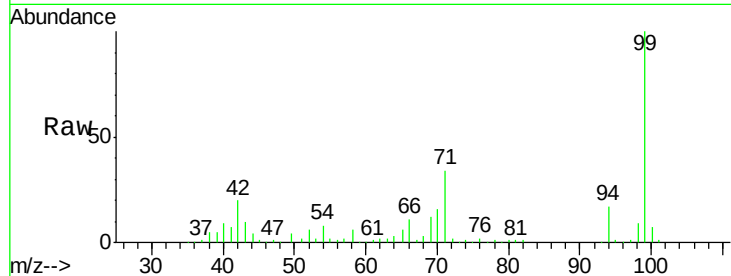
ClientSampleId :

PB104699BS

Tot Ion:	99	Resp:	428777
Ion Ratio	Lower	Upper	
99	100		
42	19.5	14.5	21.7
71	33.9	25.4	38.0

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#8

2-Chlorophenol

Concen: 38.932 ng

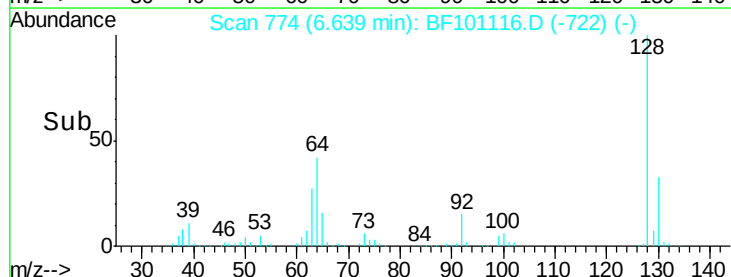
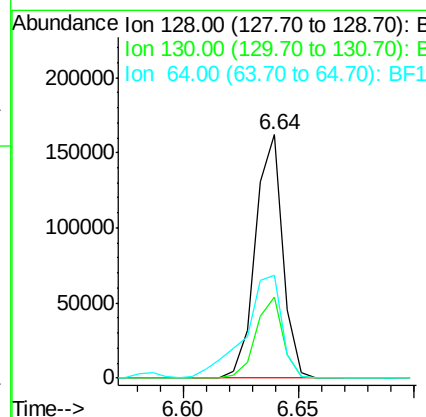
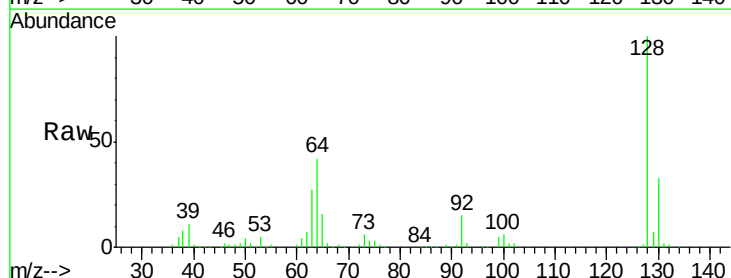
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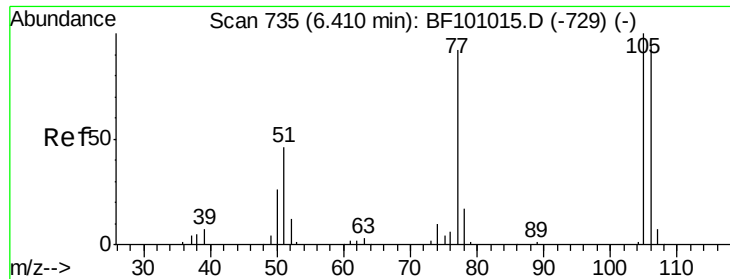
Delta R.T. 0.01 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

Tgt Ion:	128	Resp:	133897
Ion Ratio	Lower	Upper	
128	100		
130	33.2	13.0	53.0
64	42.4	29.4	69.4





#9

Benzaldehyde

Concen: 20.780 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

Instrument :

BNA_F

ClientSampleId :

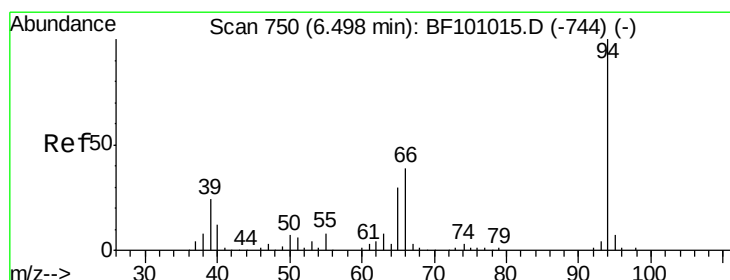
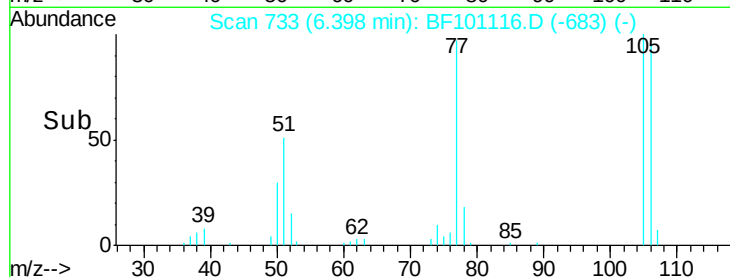
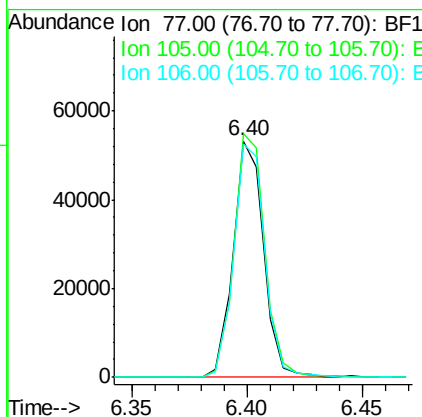
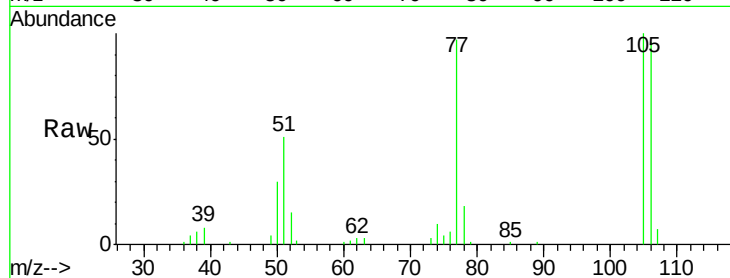
PB104699BS

Tot Ion: 77 Resp: 48706

Ion	Ratio	Lower	Upper
77	100		
105	103.1	81.1	121.1
106	98.8	74.5	114.5

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#10

Phenol

Concen: 36.843 ng

RT: 6.50 min Scan# 750

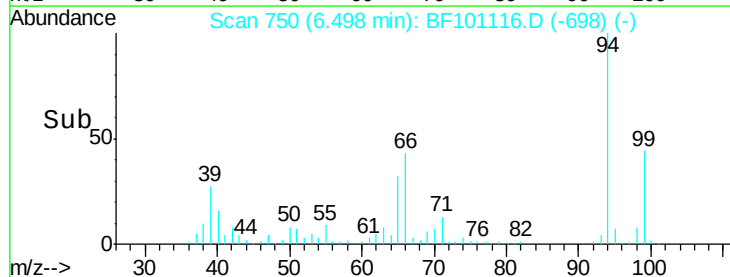
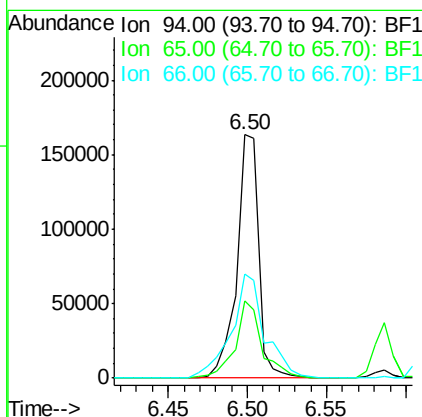
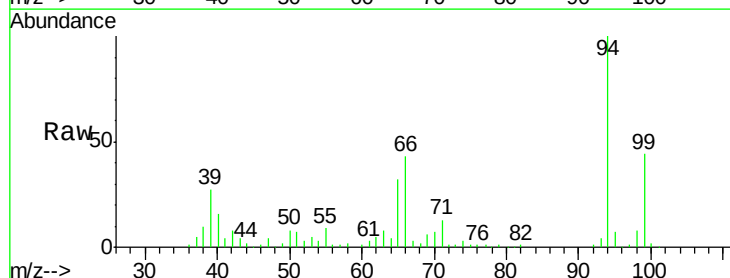
Delta R.T. 0.01 min

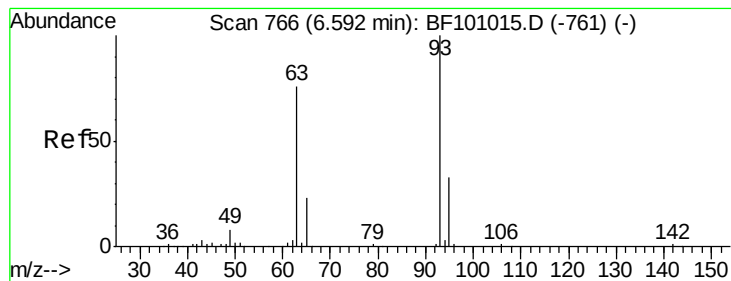
Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

Tgt Ion: 94 Resp: 156887

Ion	Ratio	Lower	Upper
94	100		
65	31.6	7.9	47.9
66	42.8	16.2	56.2





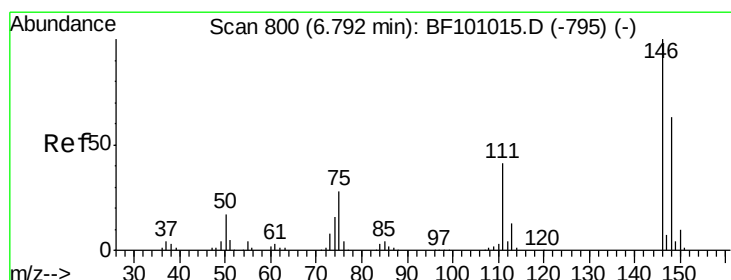
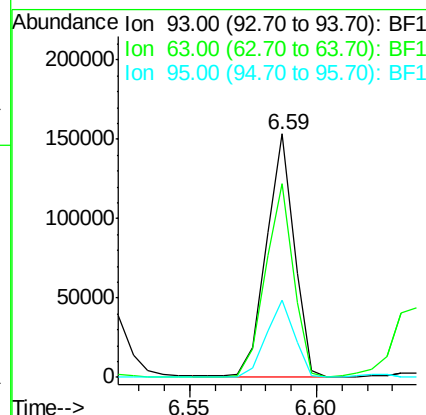
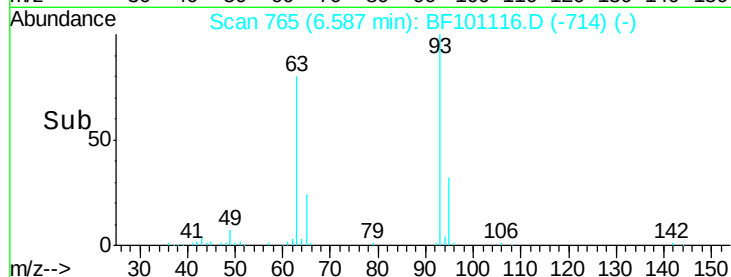
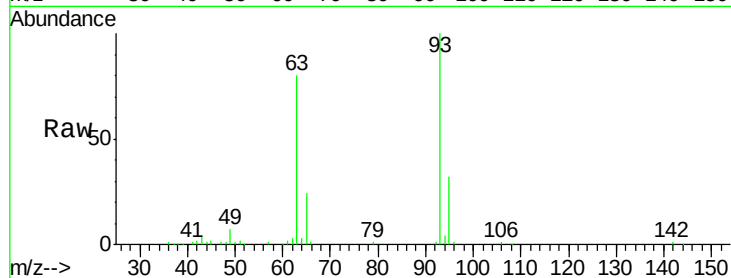
#11
bis(2-Chloroethyl)ether
Concen: 37.093 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Instrument :
BNA_F
ClientSampleId :
PB104699BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.6	58.6	98.6
95	31.6	11.8	51.8

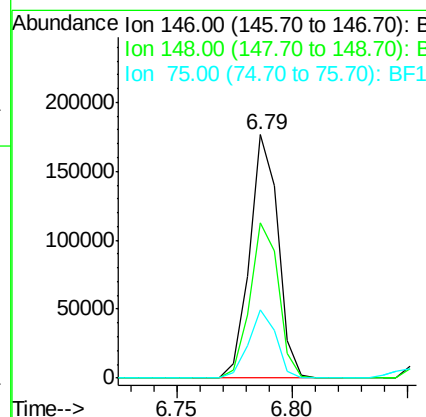
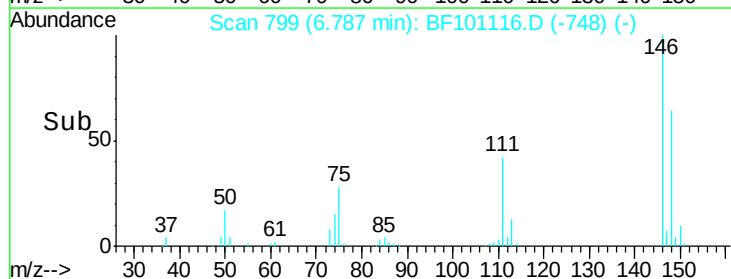
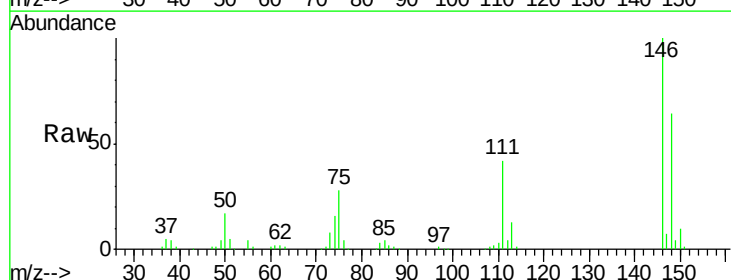
Manual Integrations
APPROVED

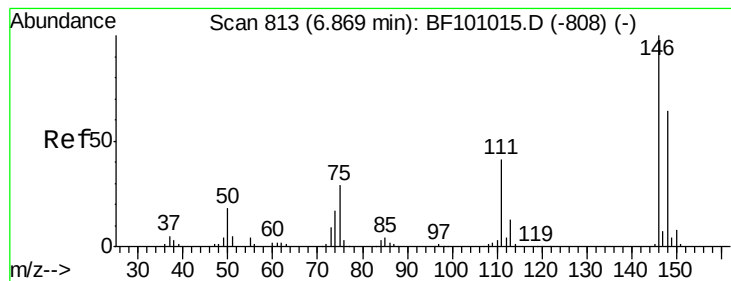
Sohil
12/6/2017 5:12:15 PM



#12
1,3-Dichlorobenzene
Concen: 37.998 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.8	77.8
75	27.8	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 36.562 ng

RT: 6.86 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

Instrument :

BNA_F

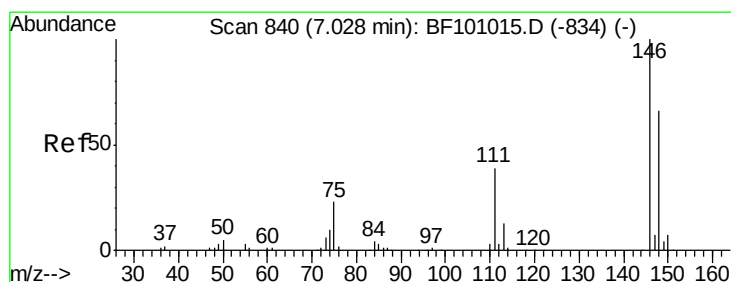
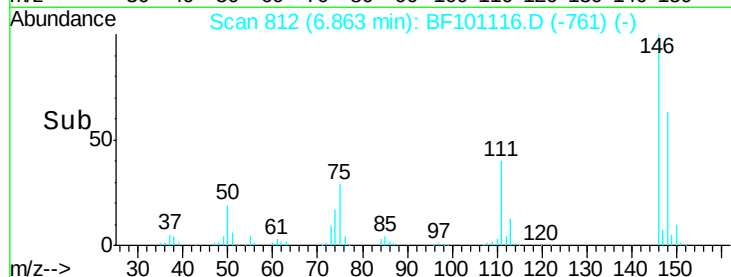
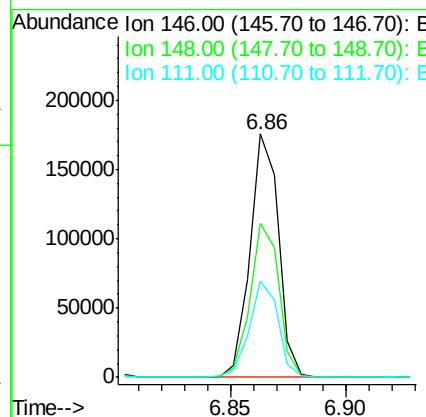
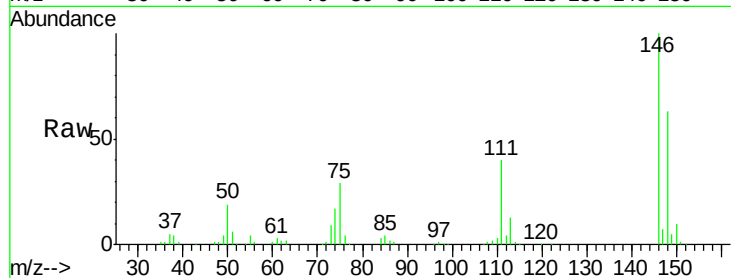
ClientSampleId :

PB104699BS

Tot Ion:	146	Resp:	151594
Ion Ratio	Lower	Upper	
146	100		
148	63.2	50.8	76.2
111	39.7	34.2	51.2

Manual Integrations
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Sohil
12/6/2017 5:12:15 PM



#14

1,2-Dichlorobenzene

Concen: 37.281 ng

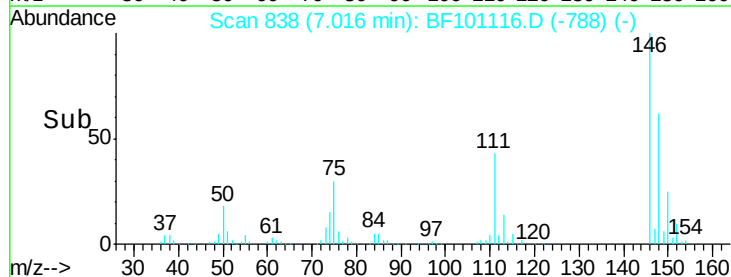
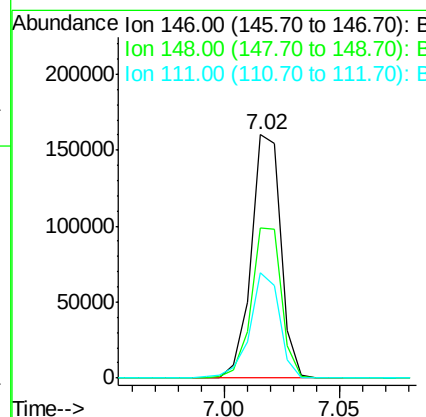
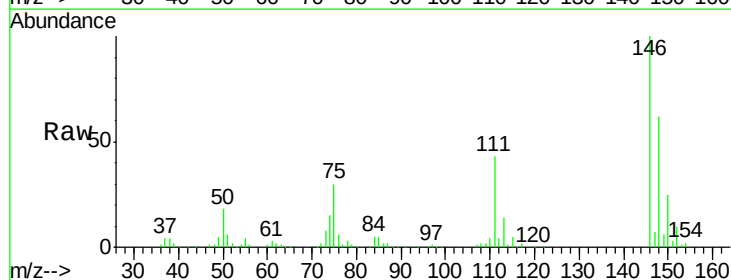
RT: 7.02 min Scan# 838

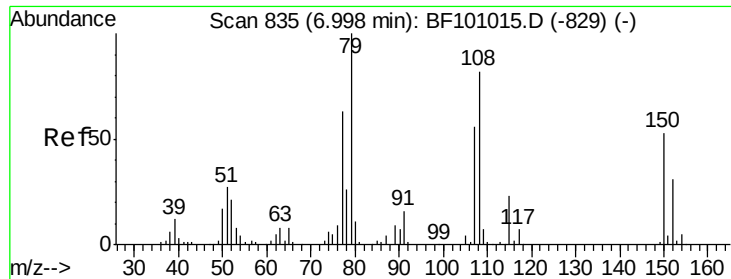
Delta R.T. -0.01 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

Tgt Ion:	146	Resp:	144178
Ion Ratio	Lower	Upper	
146	100		
148	61.6	50.6	75.8
111	43.5	36.0	54.0





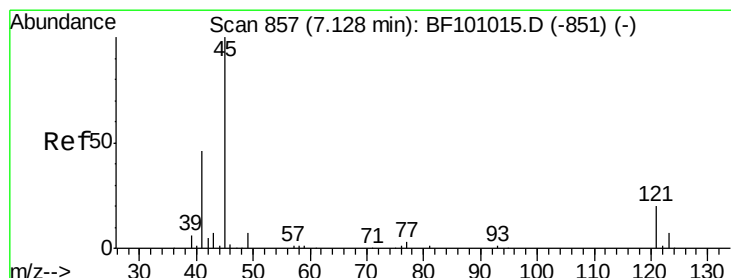
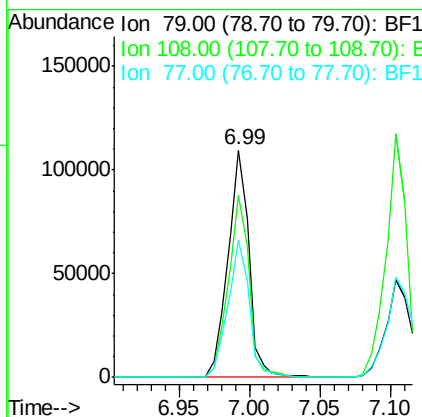
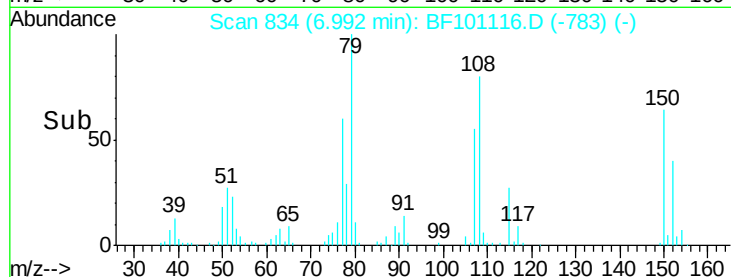
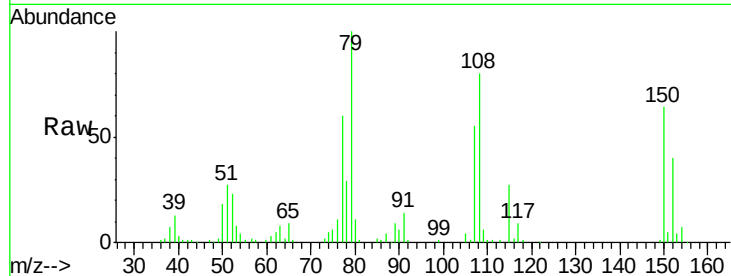
#15
Benzyl Alcohol
Concen: 38.200 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Instrument :
BNA_F
ClientSampleId :
PB104699BS

Tot Ion:	79	Resp:	112990
Ion Ratio	Lower	Upper	
79	100		
108	80.4	65.1	97.7
77	60.3	50.6	75.8

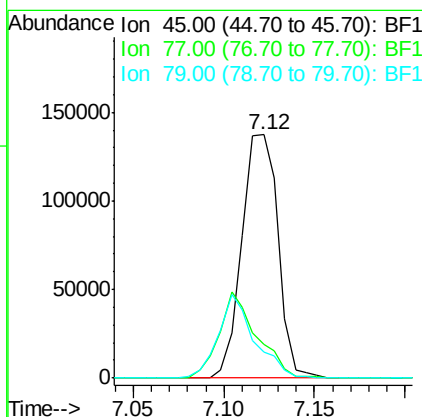
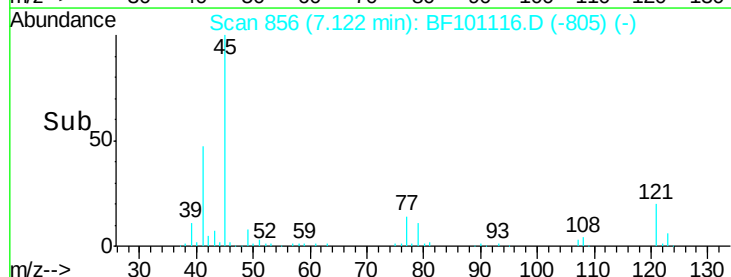
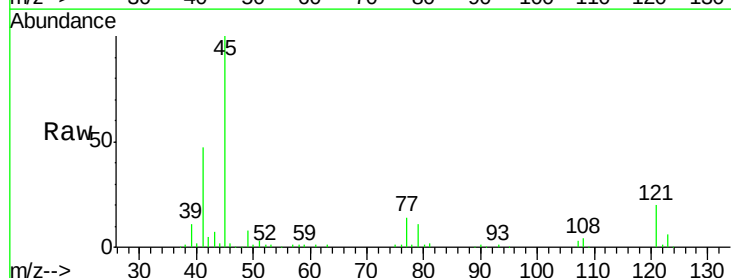
Manual Integrations
APPROVED

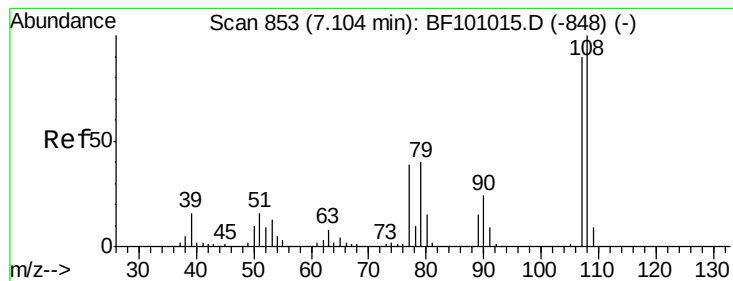
Sohil
12/6/2017 5:12:15 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.987 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Tgt Ion:	45	Resp:	190977
Ion Ratio	Lower	Upper	
45	100		
77	13.8	0.0	32.9
79	10.8	0.0	29.6





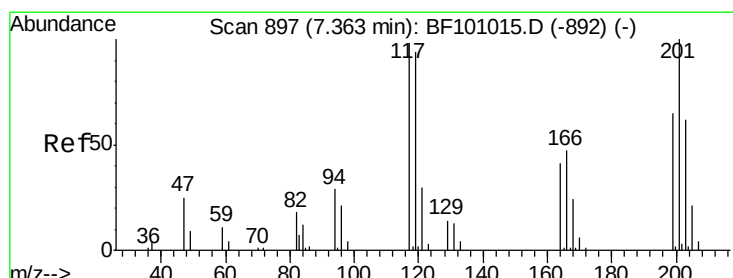
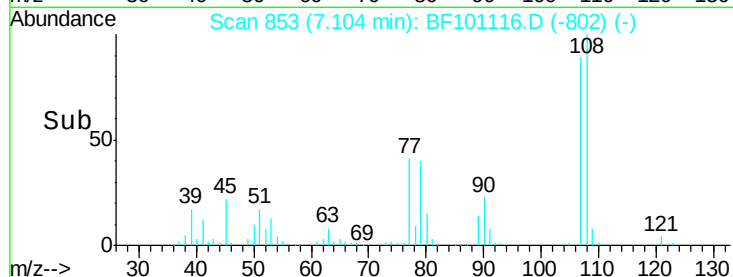
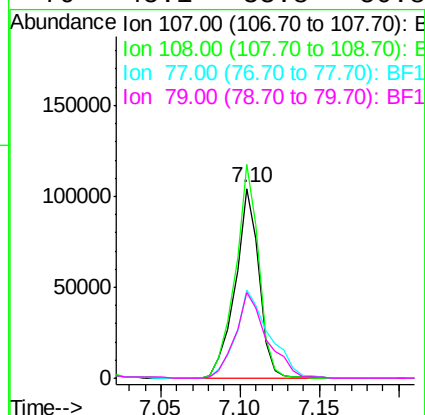
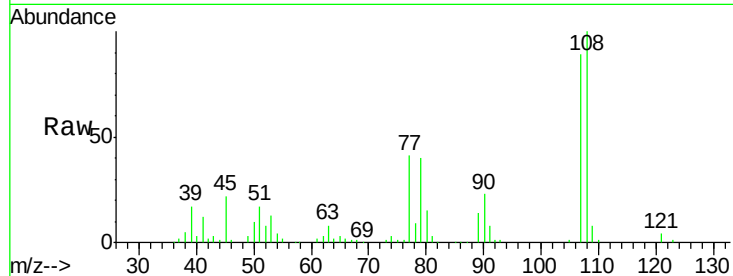
#17
2-Methylphenol
Concen: 39.106 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Instrument :
BNA_F
ClientSampleId :
PB104699BS

Tot Ion	107	Resp	108604
Ion Ratio	Lower	Upper	
107	100		
108	112.7	91.7	137.5
77	46.4	33.8	50.8
79	45.1	33.8	50.8

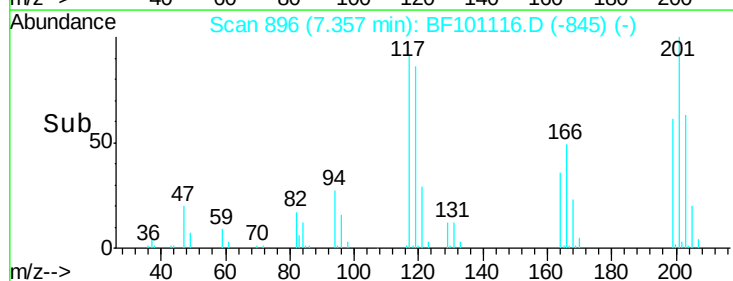
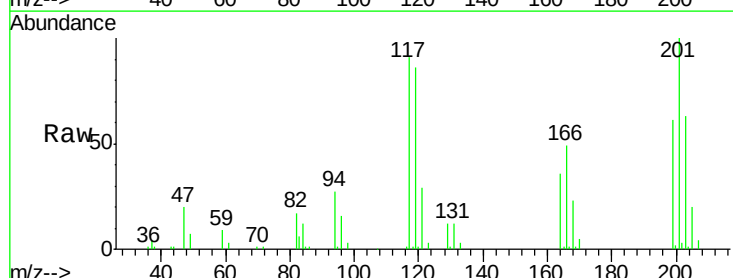
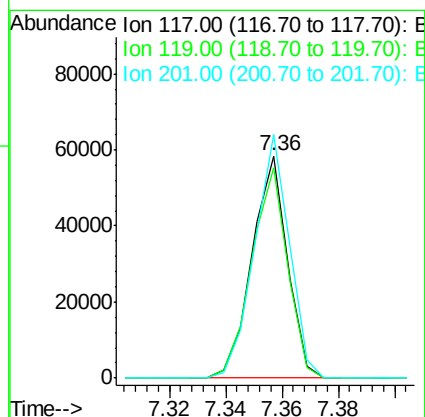
Manual Integrations
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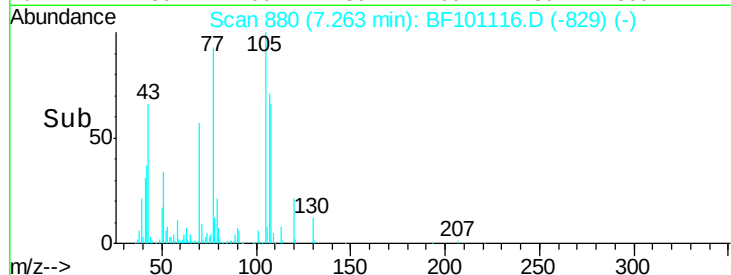
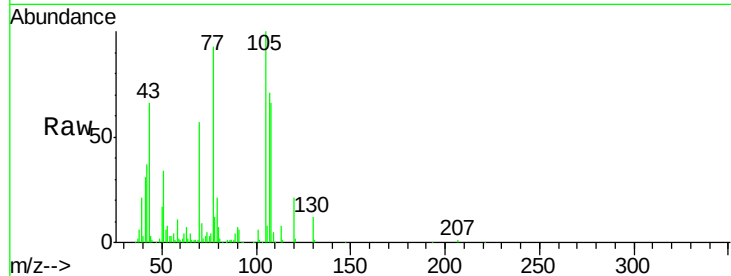
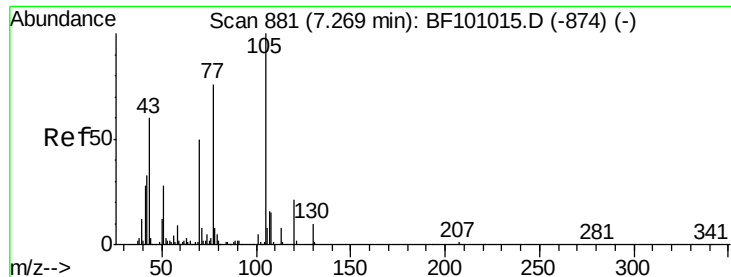
Sohil
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#18
Hexachloroethane
Concen: 38.158 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Tgt Ion	117	Resp	50829
Ion Ratio	Lower	Upper	
117	100		
119	94.5	75.8	113.8
201	109.5	75.7	113.5





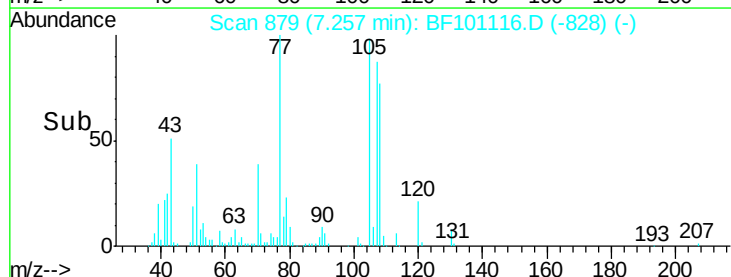
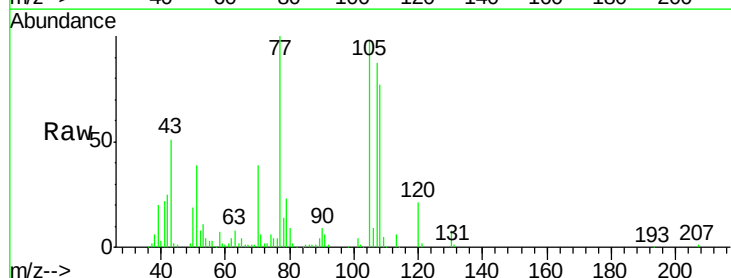
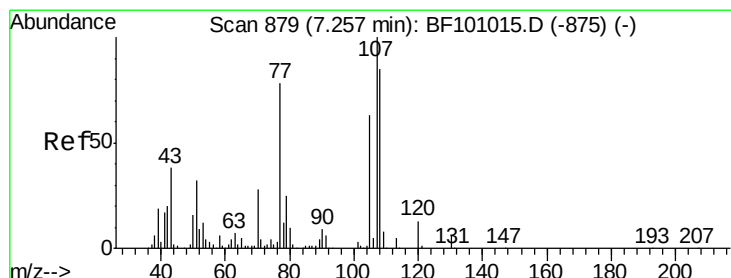
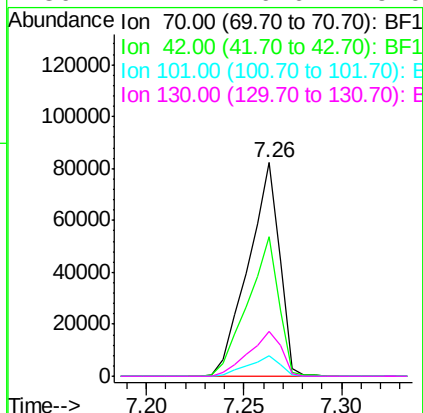
#19
n-Nitroso-di-n-propylamine
Concen: 35.573 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Instrument :
BNA_F
ClientSampleId :
PB104699BS

Manual Integrations
APPROVED

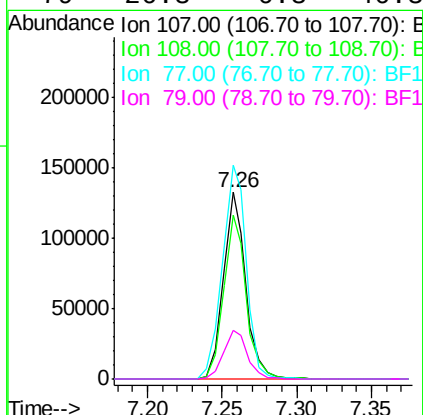
Sohil
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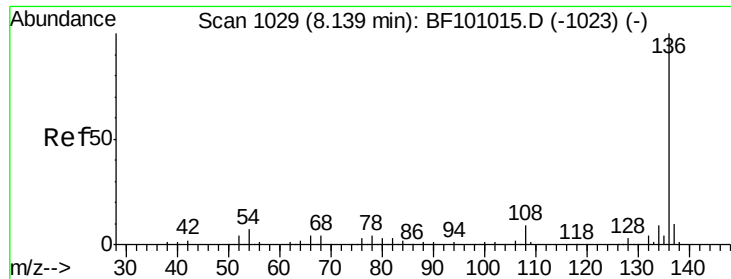
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	65.1	47.5	71.3	
101	9.8	7.4	11.2	
130	21.1	16.6	25.0	



#20
3+4-Methylphenols
Concen: 38.777 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.7	68.2	108.2	
77	114.4	26.7	66.7#	
79	26.3	6.3	46.3	





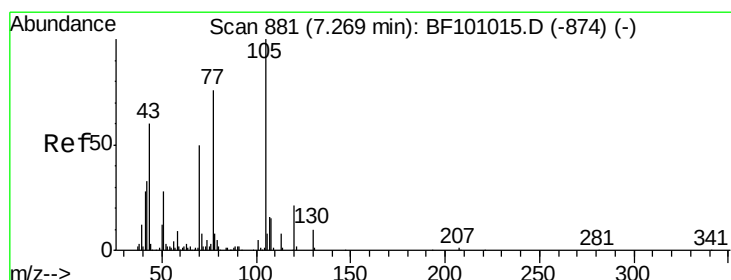
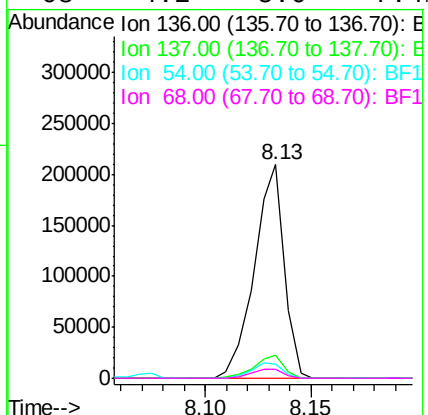
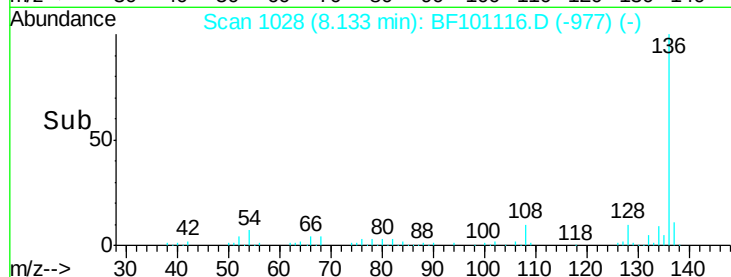
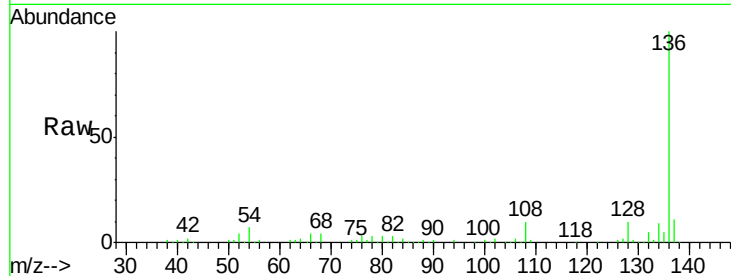
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Instrument :
BNA_F
ClientSampleId :
PB104699BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.8	6.6	9.8
68	4.2	5.0	7.4

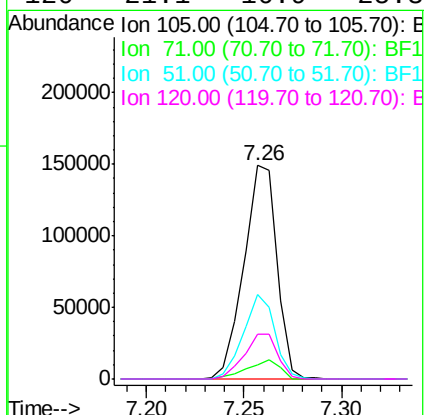
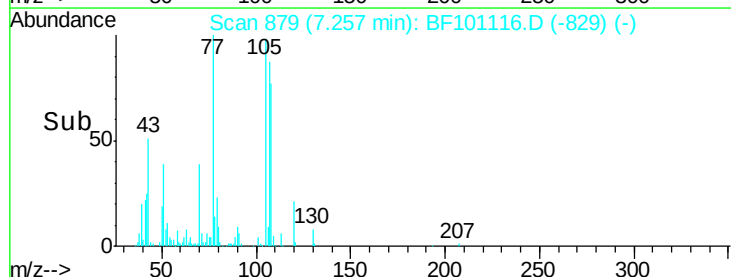
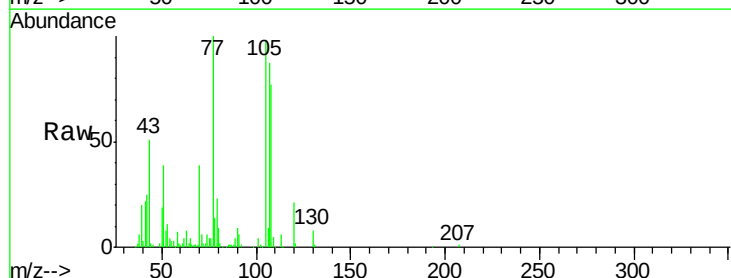
Manual Integrations
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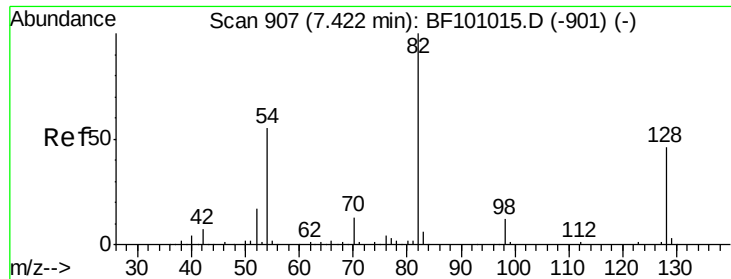
Sohil
12/6/2017 5:12:15 PM



#22
Acetophenone
Concen: 35.113 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	6.5	4.4	6.6
51	39.4	22.3	33.5
120	21.1	16.9	25.3





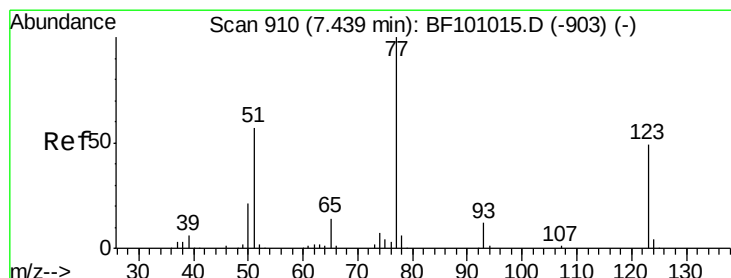
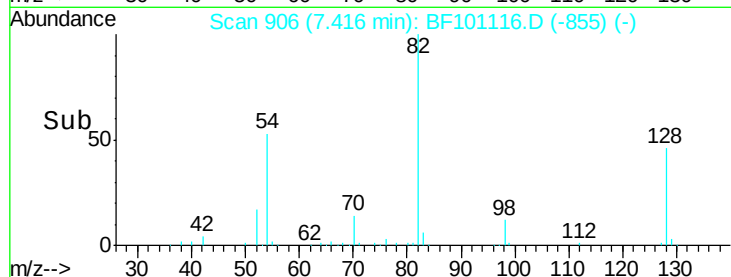
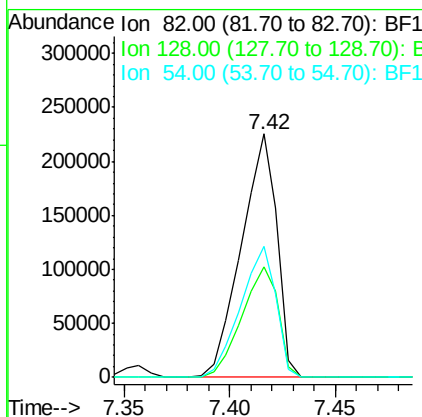
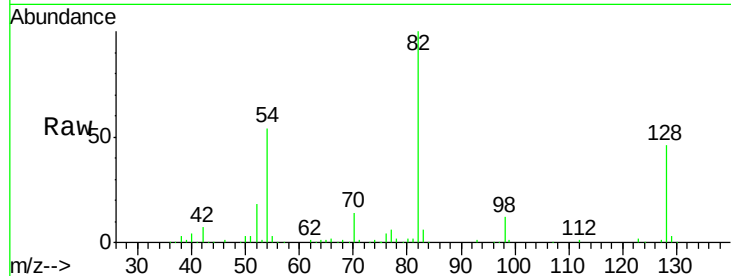
#23
Nitrobenzene-d5
Concen: 76.234 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Instrument :
BNA_F
ClientSampleId :
PB104699BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	263295		
128	45.6	36.1	54.1	
54	53.8	41.4	62.2	

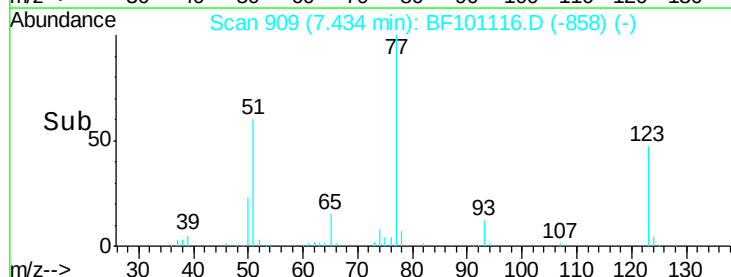
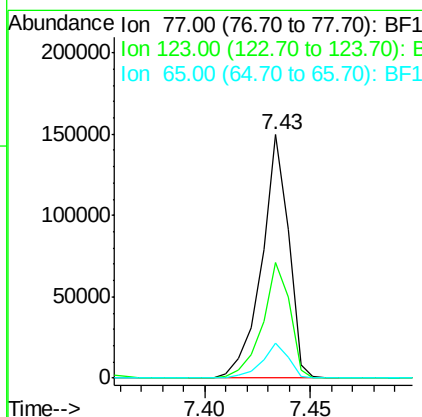
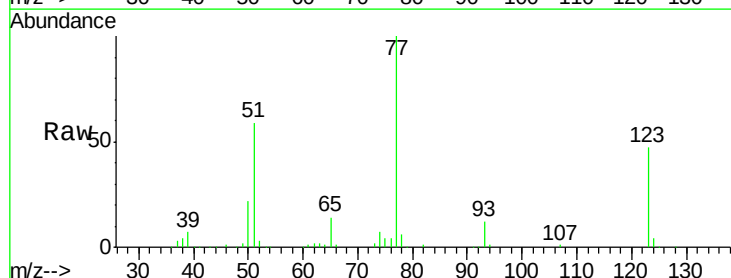
Manual Integrations
APPROVED

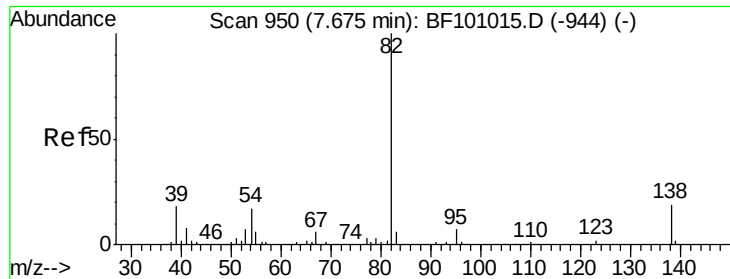
Sohil
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#24
Nitrobenzene
Concen: 39.130 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	132454		
123	47.3	37.9	56.9	
65	14.2	11.0	16.4	





#25

Isophorone

Concen: 41.098 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

Instrument :

BNA_F

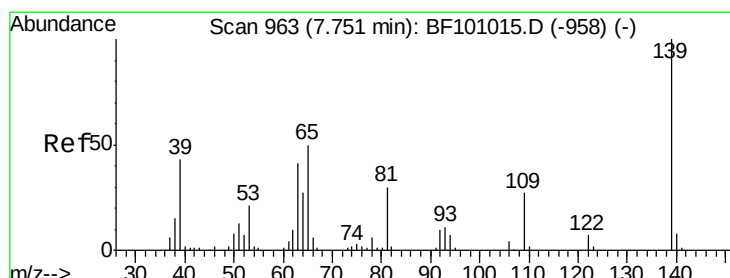
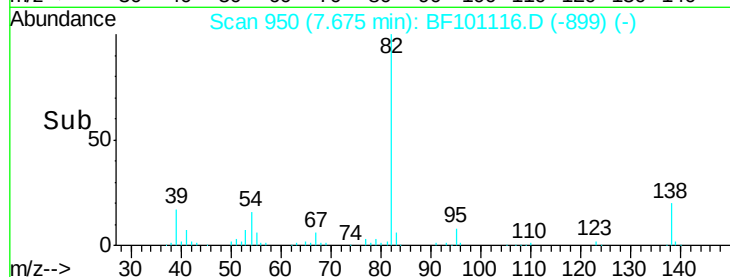
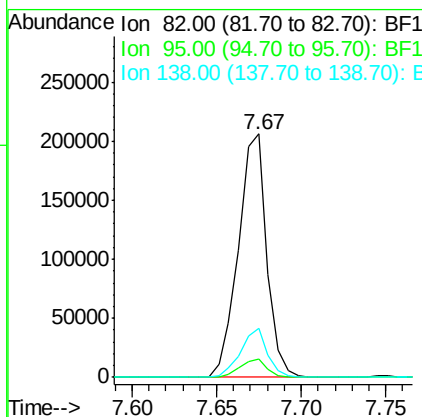
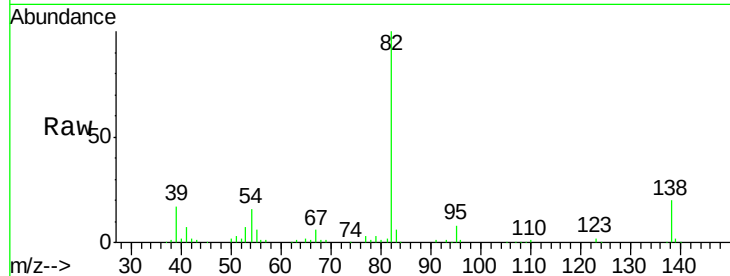
ClientSampled :

PB104699BS

Tot Ion:	82	Resp:	242455
Ion Ratio	Lower	Upper	
82	100		
95	7.6	5.2	7.8
138	20.0	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.311 ng

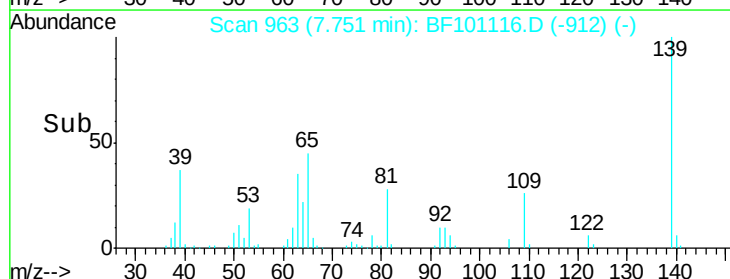
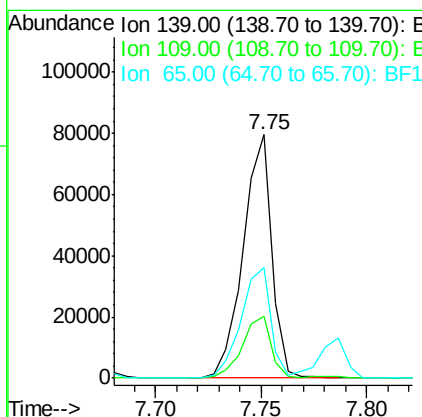
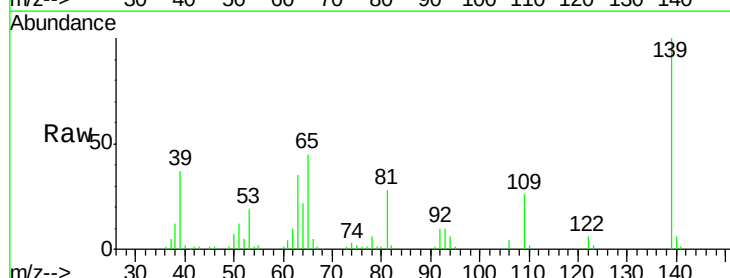
RT: 7.75 min Scan# 963

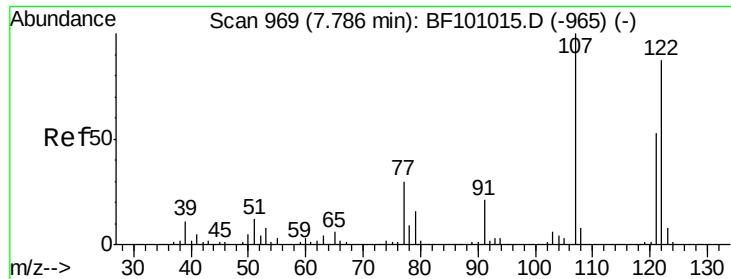
Delta R.T. 0.00 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

Tgt Ion:	139	Resp:	74905
Ion Ratio	Lower	Upper	
139	100		
109	25.6	22.7	34.1
65	45.2	40.5	60.7





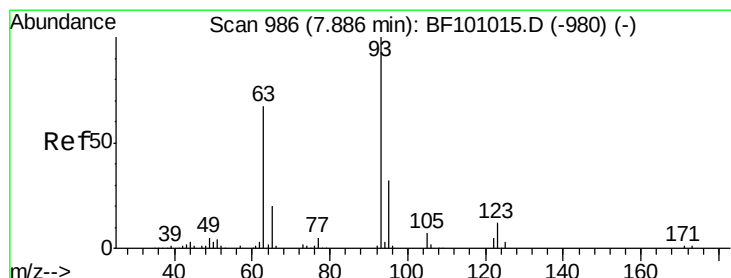
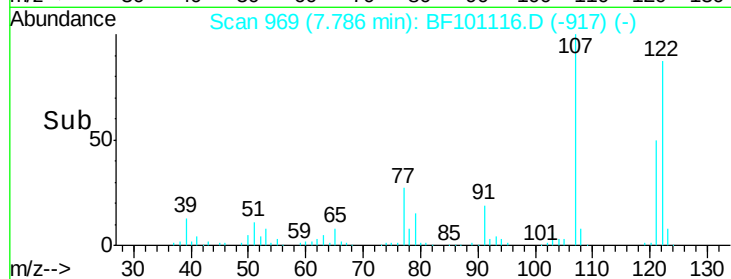
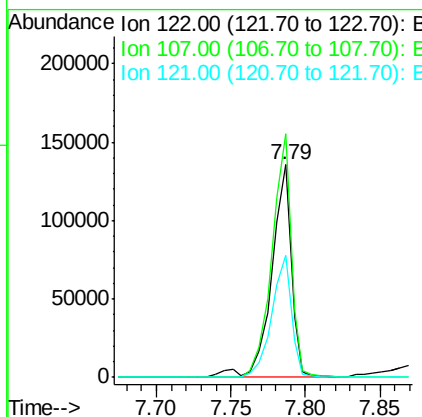
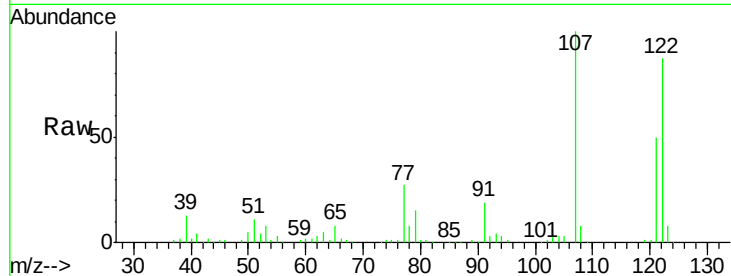
#27
2,4-Dimethylphenol
Concen: 46.408 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.01 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Instrument :
BNA_F
ClientSampleId :
PB104699BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.5	91.2	136.8
121	57.2	47.2	70.8

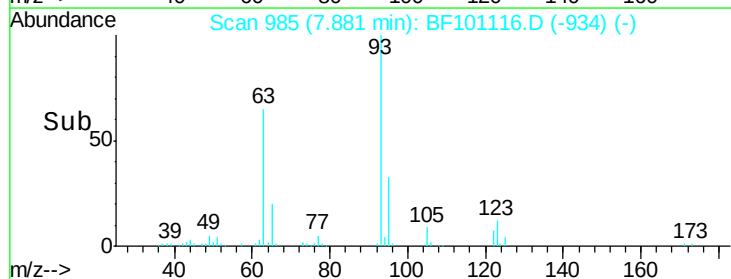
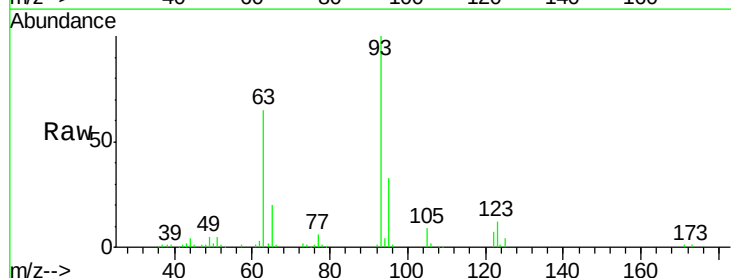
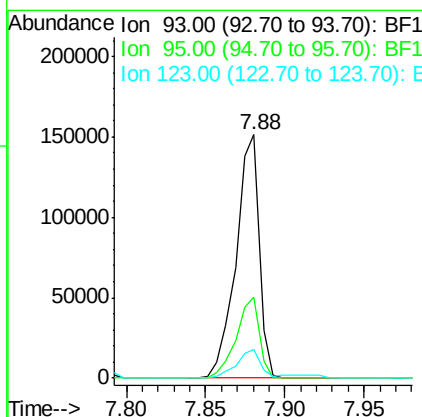
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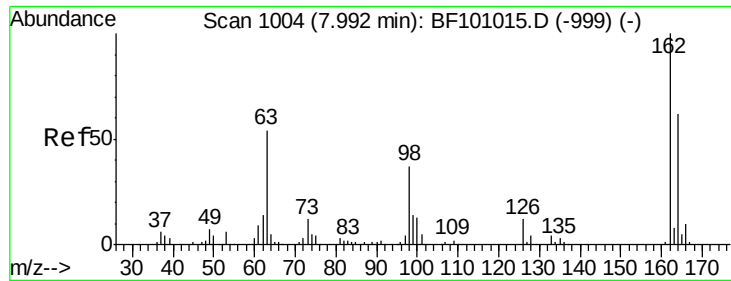
Sohil
12/6/2017 5:12:15 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.731 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.3	39.5
123	11.8	9.8	14.6





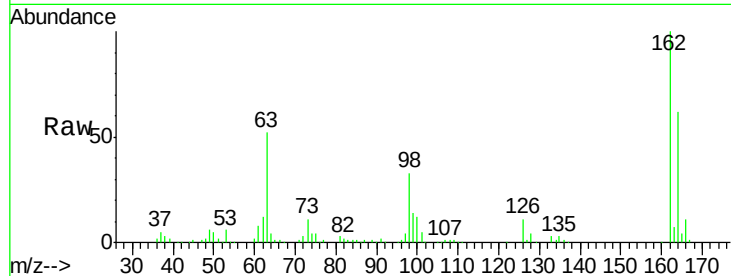
#29
2,4-Dichlorophenol
Concen: 41.110 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Instrument :
BNA_F
ClientSampleId :
PB104699BS

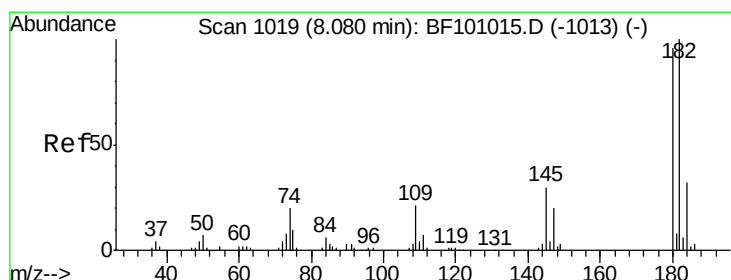
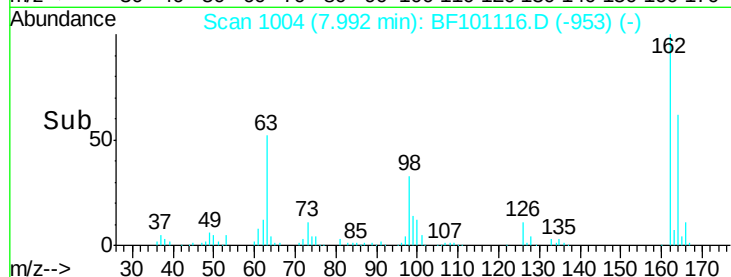
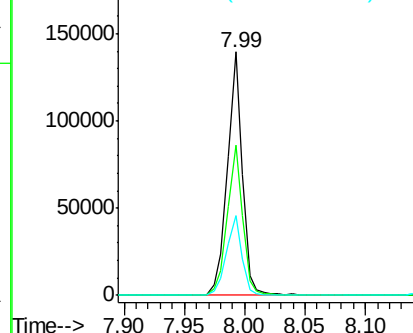
Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	61.9	42.7	82.7
98	32.9	18.1	58.1

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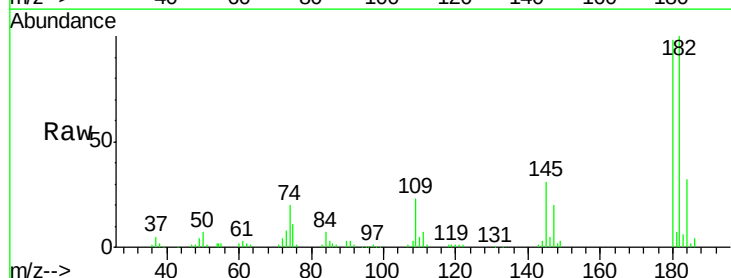


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

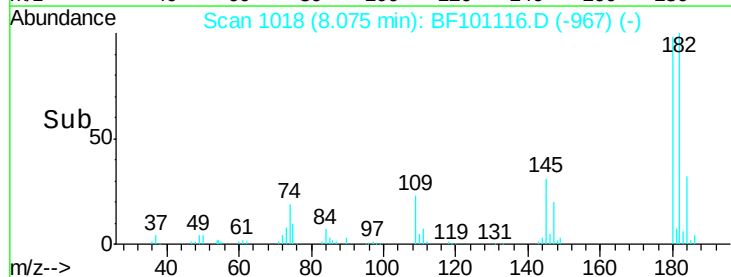
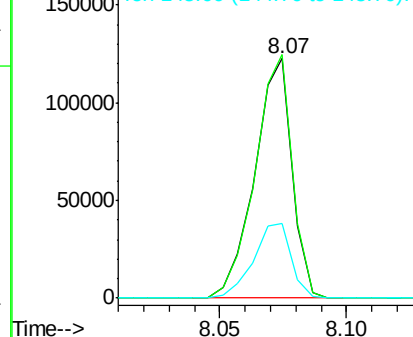


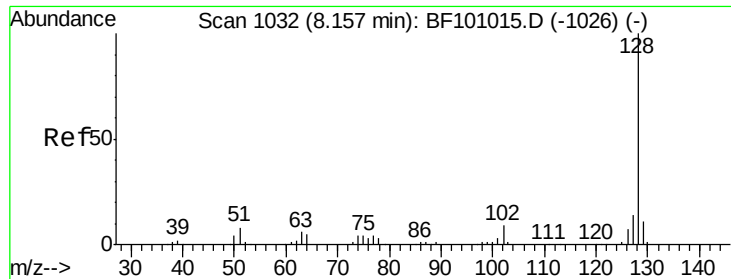
#30
1,2,4-Trichlorobenzene
Concen: 38.919 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	101.7	76.8	115.2
145	31.3	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.059 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

Instrument :

BNA_F

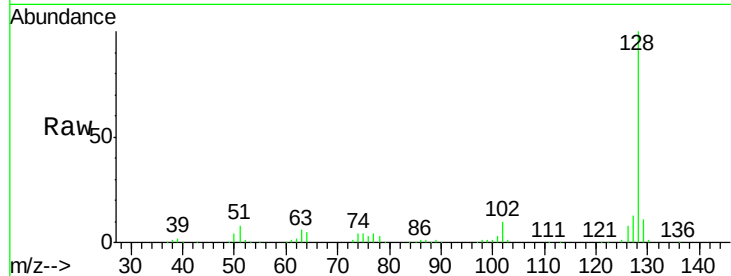
ClientSampleId :

PB104699BS

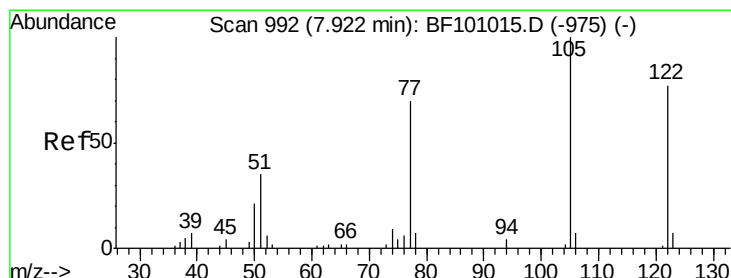
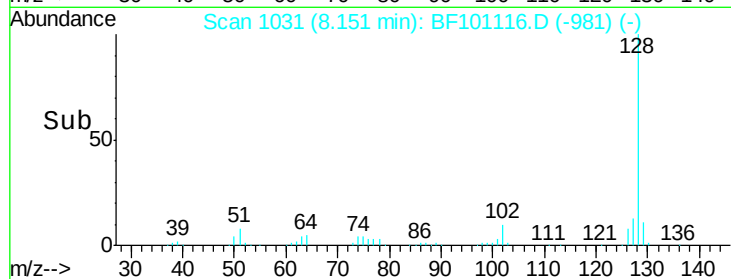
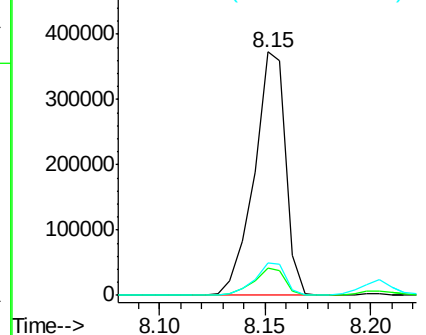
Tot Ion:	128	Resp:	386462
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.8	13.2
127	13.4	10.9	16.3

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.749 ng

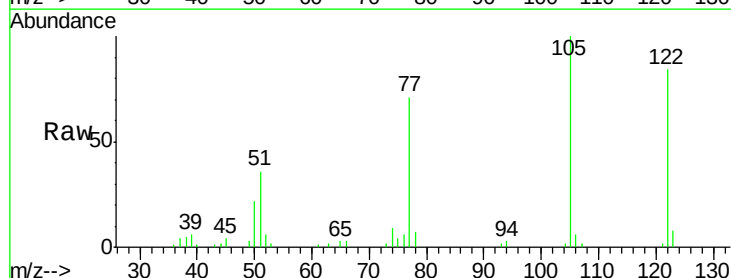
RT: 7.92 min Scan# 992

Delta R.T. 0.00 min

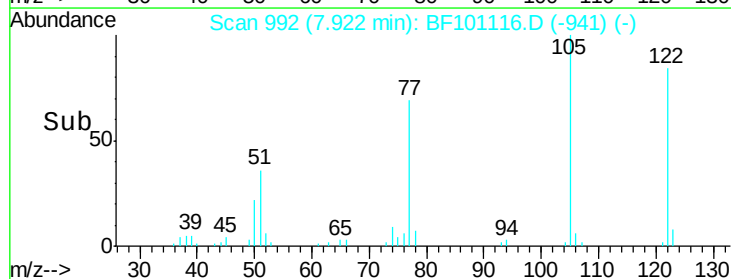
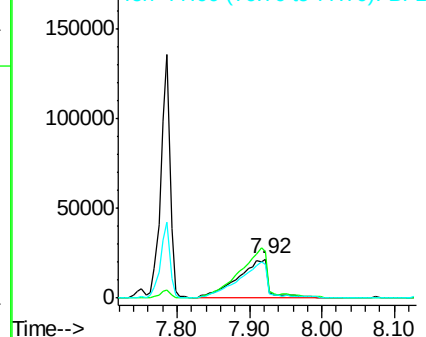
Lab File: BF101116.D

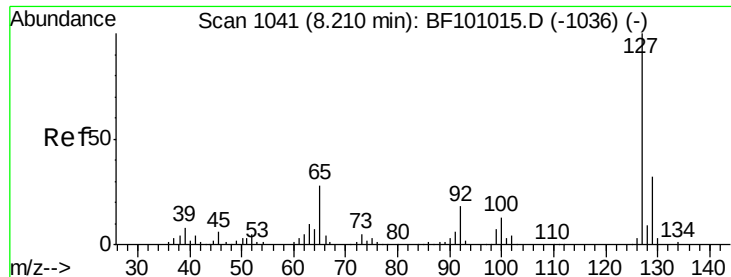
Acq: 5 Dec 2017 11:33

Tgt Ion:	122	Resp:	66377
Ion Ratio	Lower	Upper	
122	100		
105	119.1	101.1	141.1
77	84.3	70.7	110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





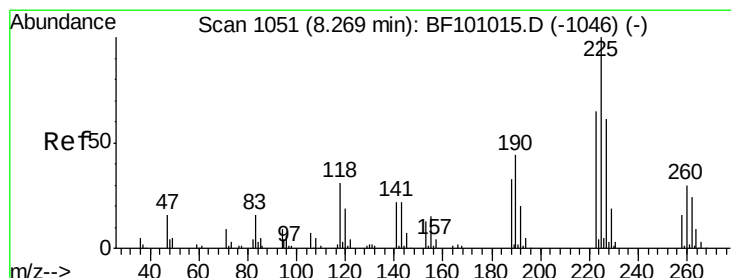
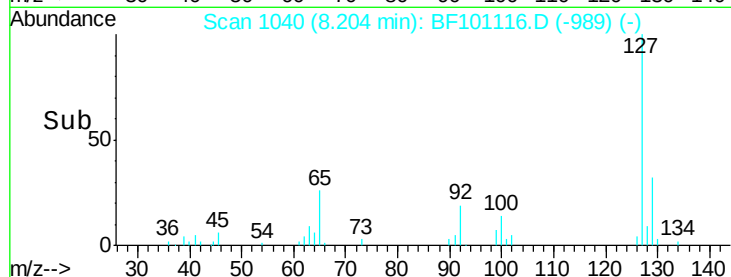
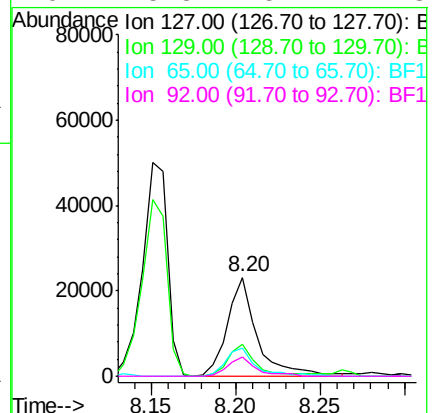
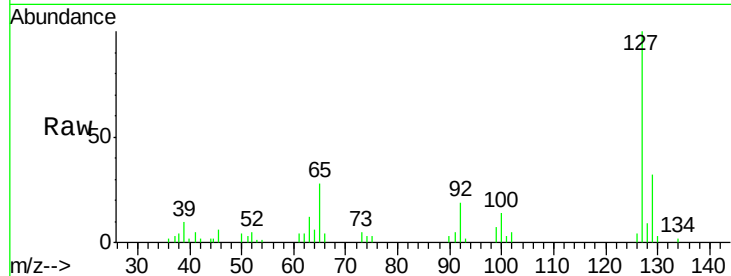
#33
4-Chloroaniline
Concen: 7.010 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Instrument :
BNA_F
ClientSampled :
PB104699BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	28.4	25.0	37.4
92	18.8	15.2	22.8

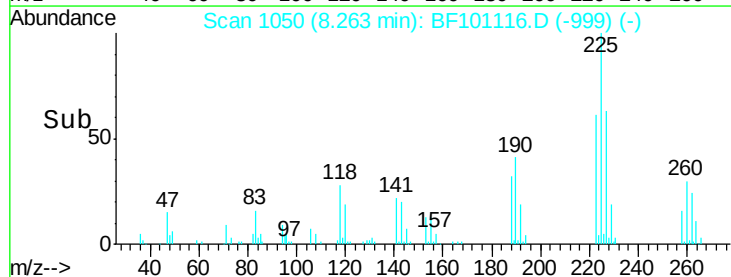
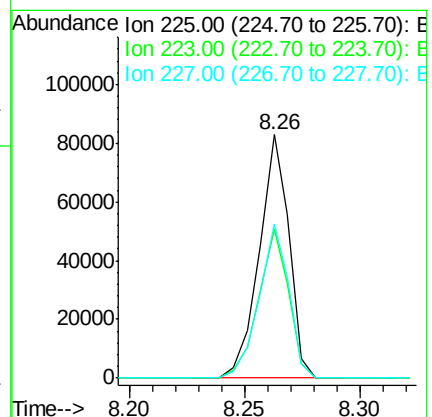
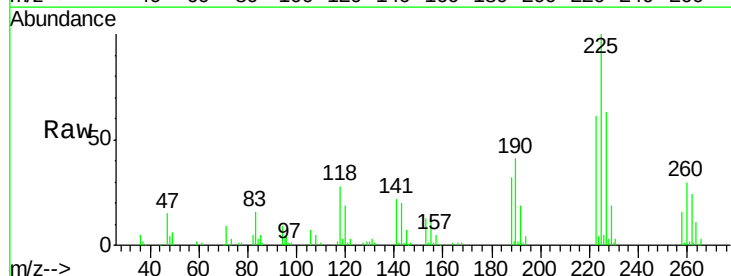
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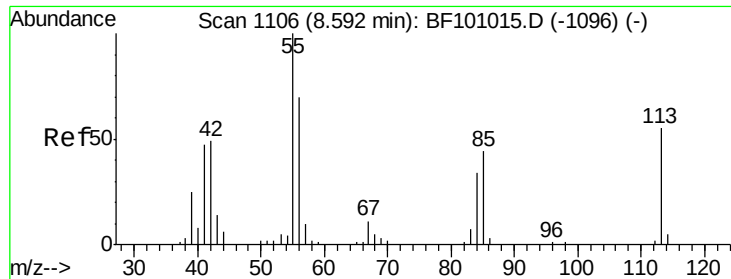
Sohil
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#34
Hexachlorobutadiene
Concen: 37.775 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	50.6	76.0
227	63.3	51.9	77.9





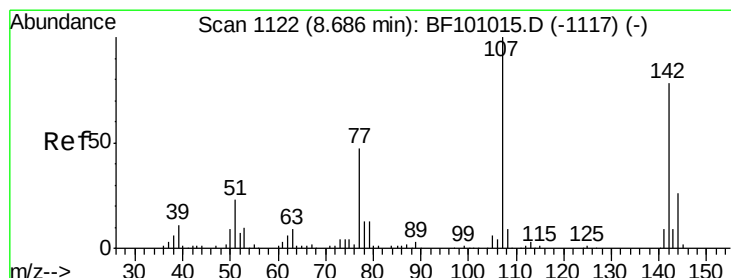
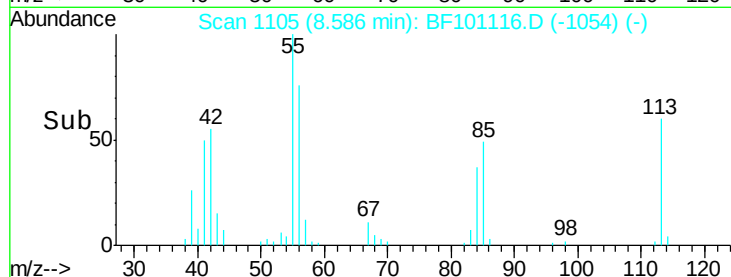
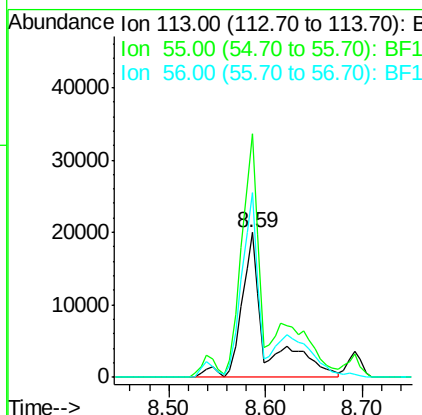
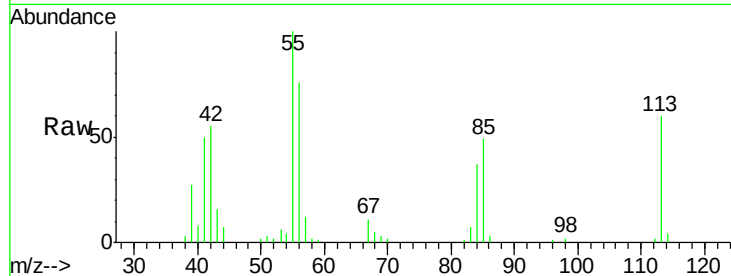
#35
Caprolactam
Concen: 38.926 ng/ml
RT: 8.59 min Scan# 1105
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Instrument :
BNA_F
ClientSampleID :
PB104699BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	168.0	163.3	203.3
56	127.7	115.7	155.7

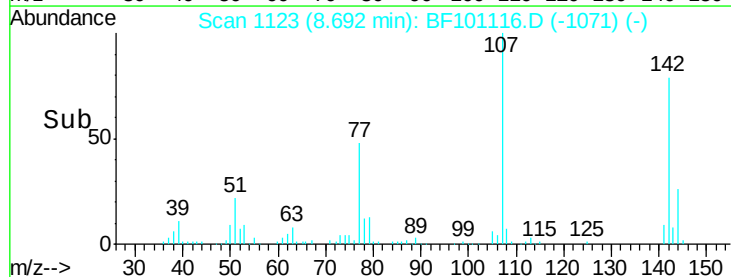
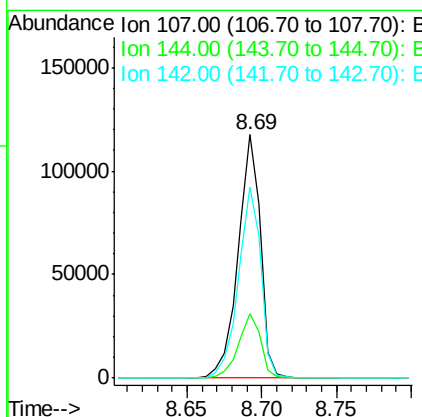
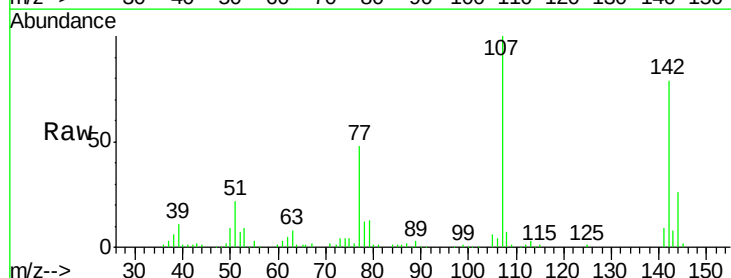
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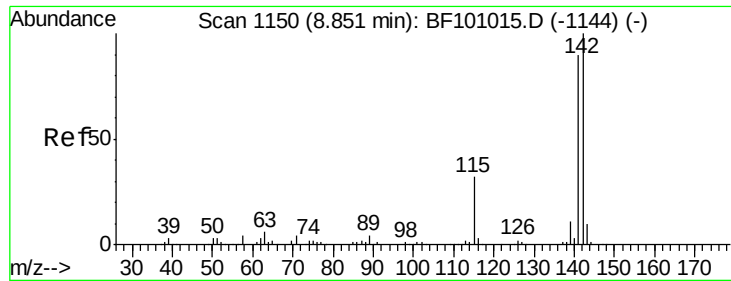
Sohil
12/6/2017 5:12:15 PM



#36
4-Chloro-3-methylphenol
Concen: 40.505 ng/ml
RT: 8.69 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.5	20.5	30.7
142	78.5	62.0	93.0





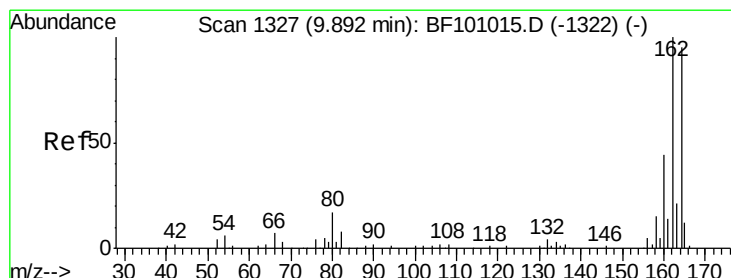
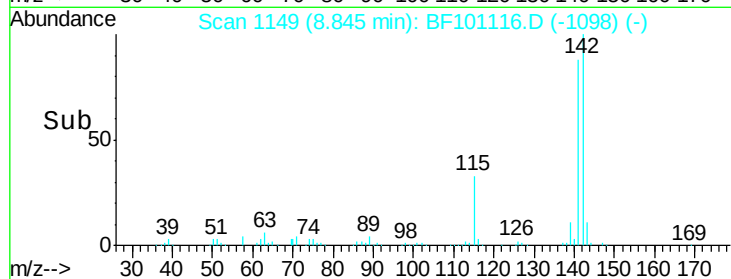
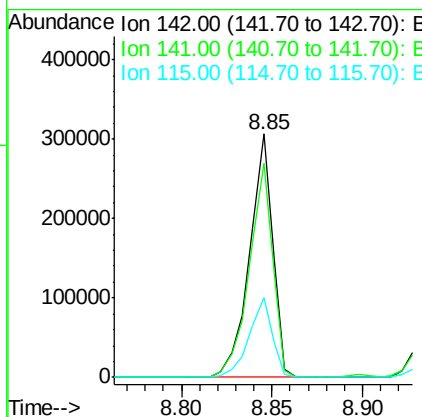
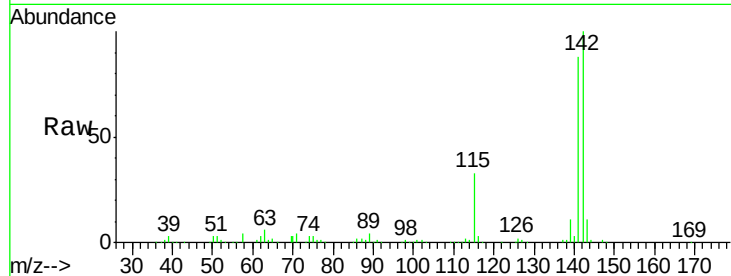
#37
2-Methylnaphthalene
Concen: 39.583 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Instrument :
BNA_F
ClientSampleId :
PB104699BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.8	106.2
115	32.6	26.1	39.1

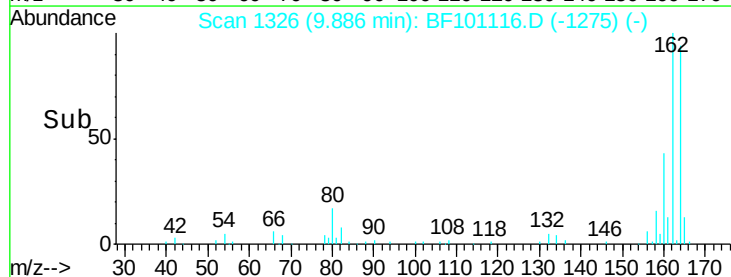
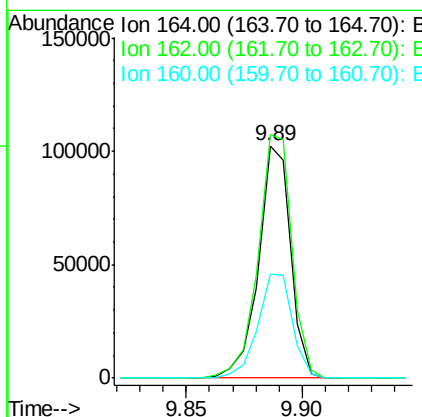
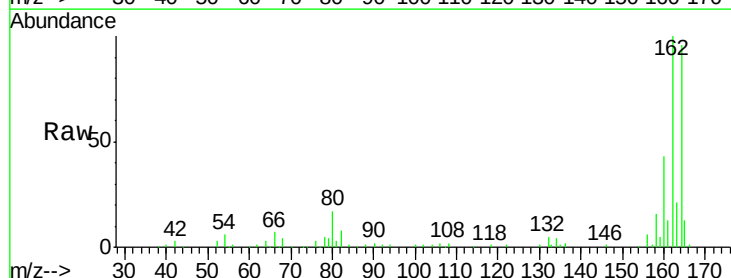
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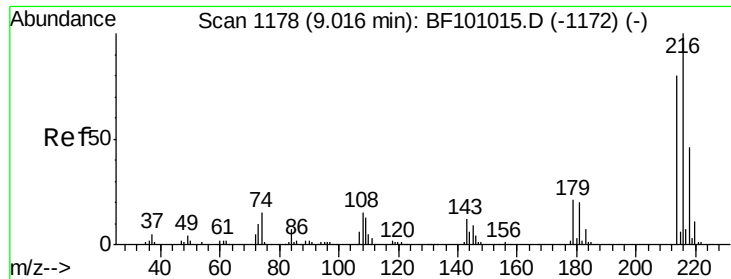
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	45.0	38.3	57.5





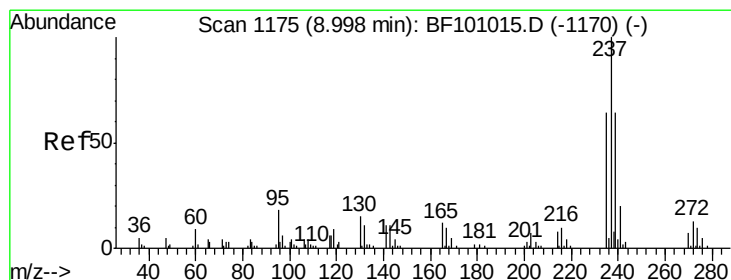
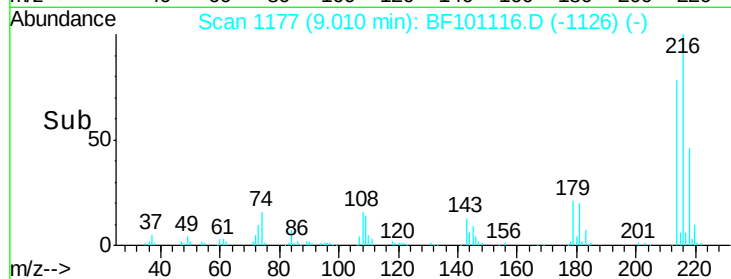
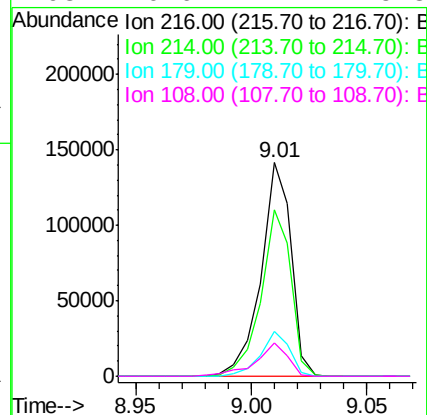
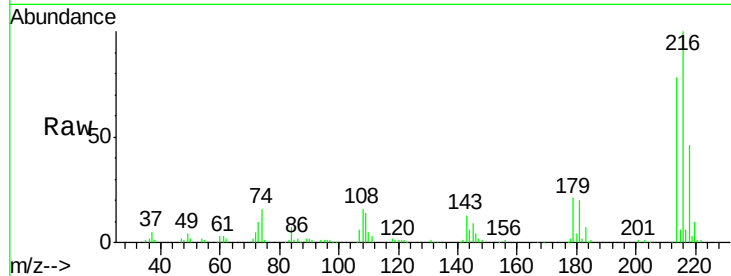
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.677 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

Instrument :
 BNA_F
 ClientSampleId :
 PB104699BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	77.4	63.0	94.4
179	20.1	18.1	27.1
108	16.6	17.2	25.8

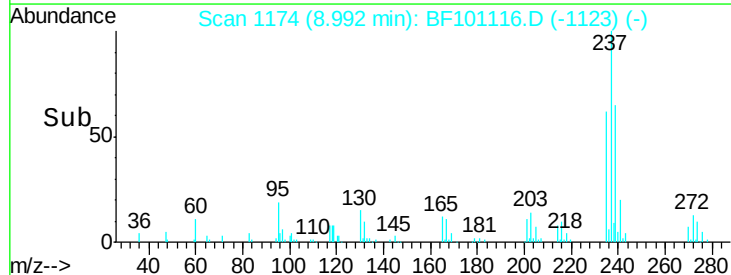
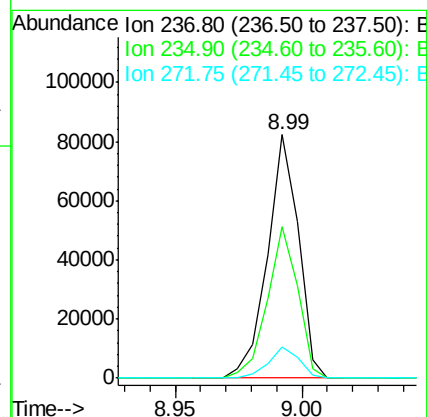
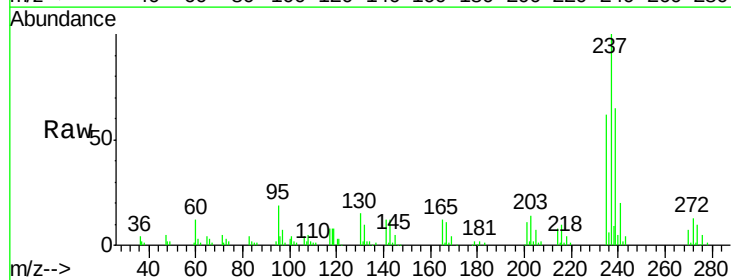
Manual Integrations
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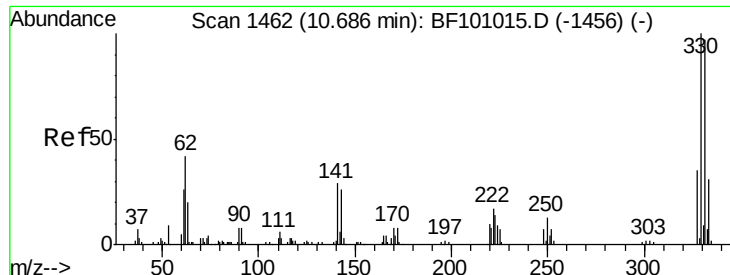
Sohil
 12/6/2017 5:12:15 PM



#40
 Hexachlorocyclopentadiene
 Concen: 55.985 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.0	44.8	84.8
272	12.8	0.0	33.3





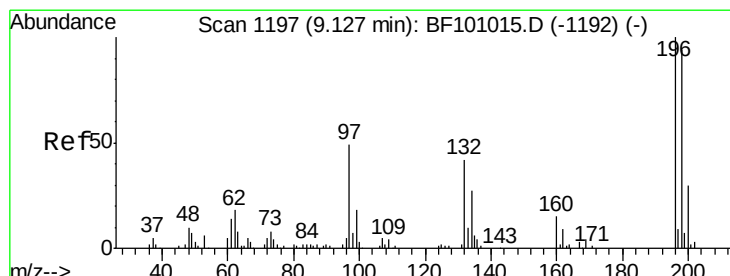
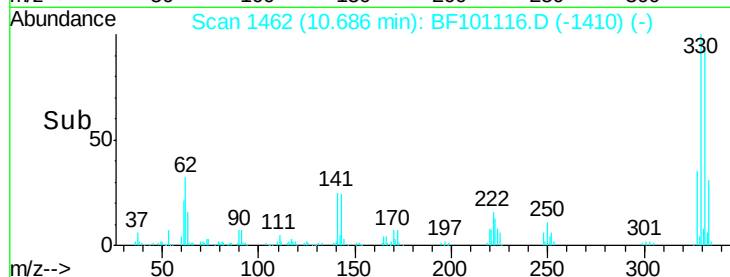
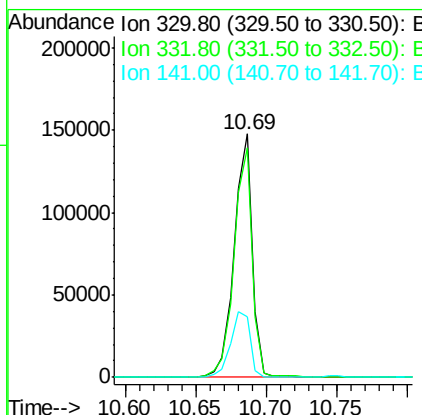
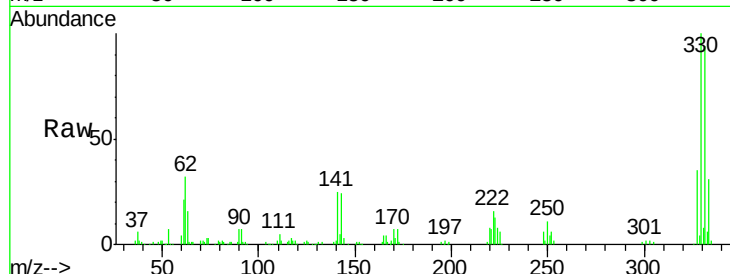
#41
 2,4,6-Tribromophenol
 Concen: 110.696 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

Instrument :
 BNA_F
 ClientSampled :
 PB104699BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	132180		
332	94.9	77.0	115.6	
141	29.3	29.9	44.9#	

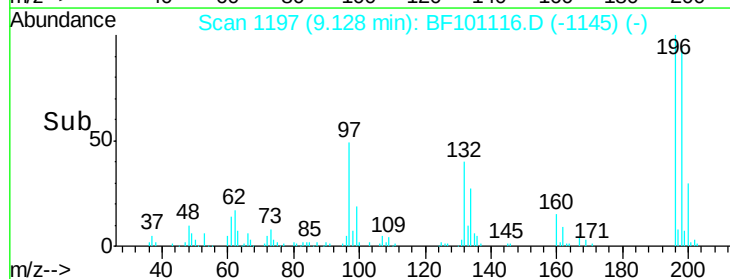
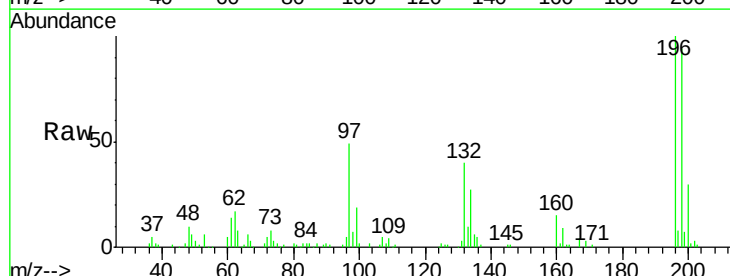
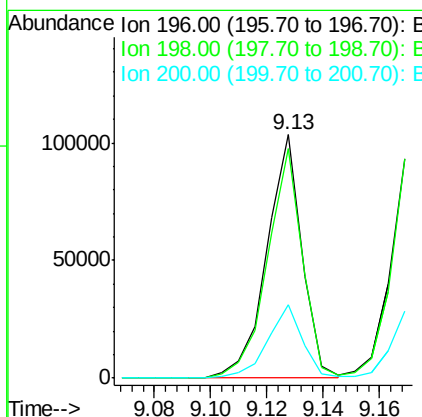
Manual Integrations
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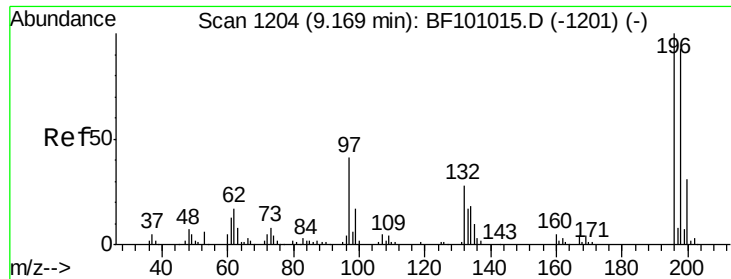
Sohil
 12/6/2017 5:12:15 PM



#42
 2,4,6-Trichlorophenol
 Concen: 42.223 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	89378		
198	94.3	75.7	113.5	
200	29.9	24.5	36.7	





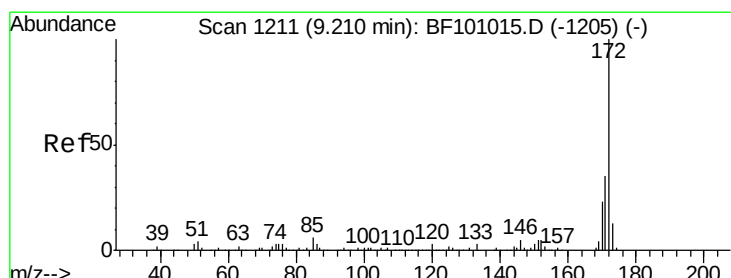
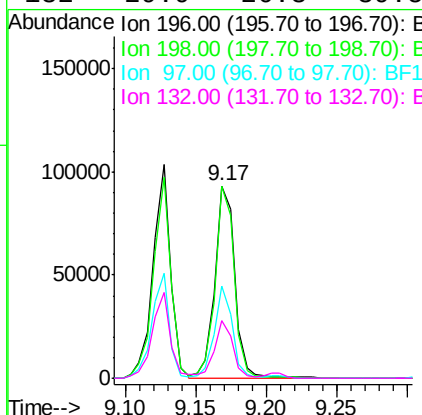
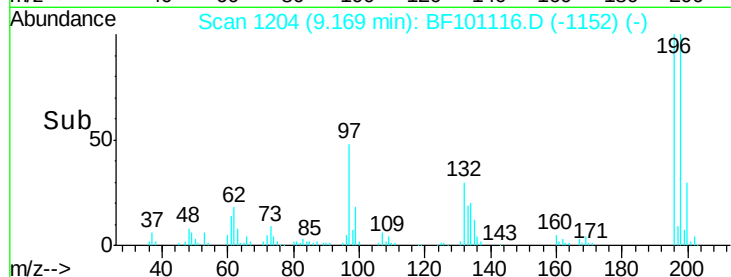
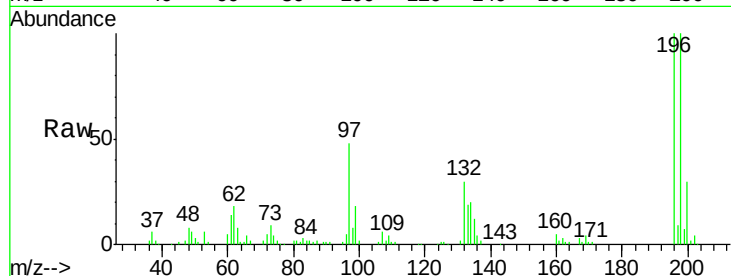
#43
 2,4,5-Trichlorophenol
 Concen: 40.552 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

Instrument :
 BNA_F
 ClientSampleId :
 PB104699BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		91771		
198	100.1	74.6	112.0		
97	48.2	42.9	64.3		
132	29.9	26.3	39.5		

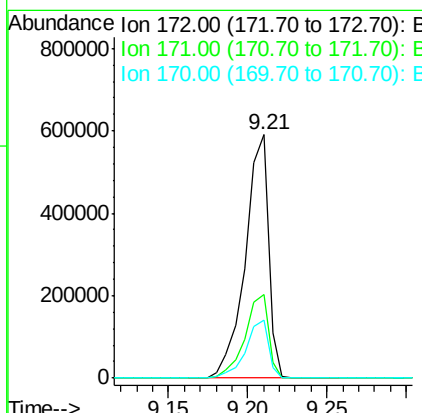
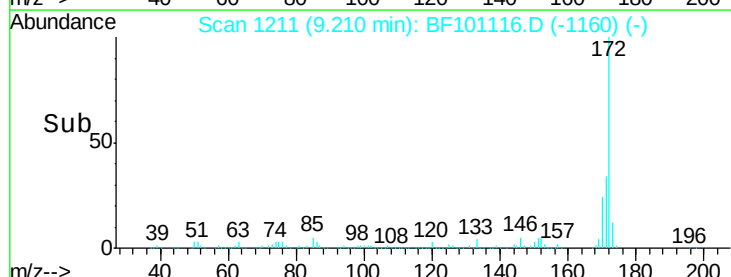
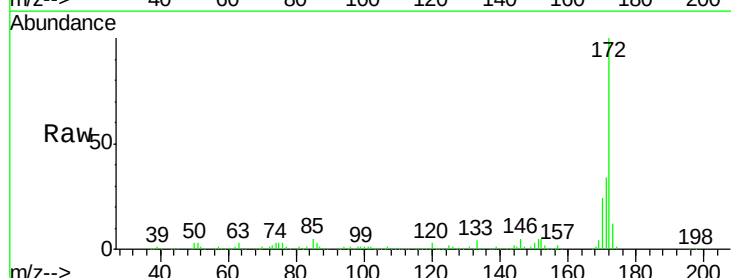
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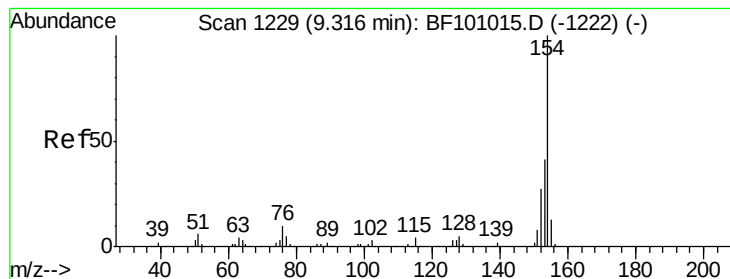
Sohil
 12/6/2017 5:12:15 PM



#44
 2-Fluorobiphenyl
 Concen: 82.045 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		596058		
171	34.4	29.7	44.5		
170	23.6	19.6	29.4		





#45

1,1'-Biphenyl

Concen: 35.644 ng

RT: 9.31 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

Instrument :

BNA_F

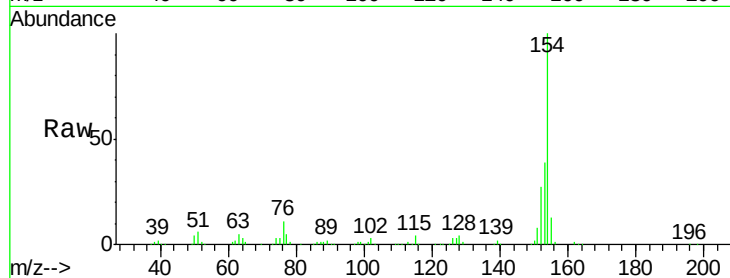
ClientSampleId :

PB104699BS

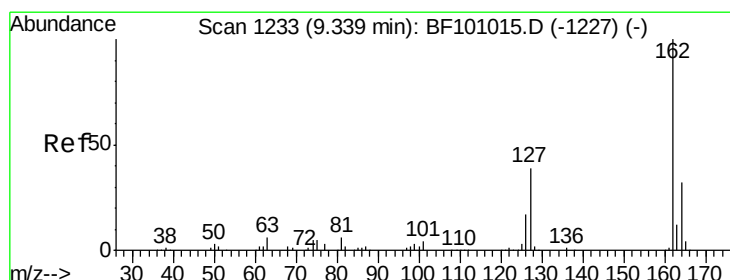
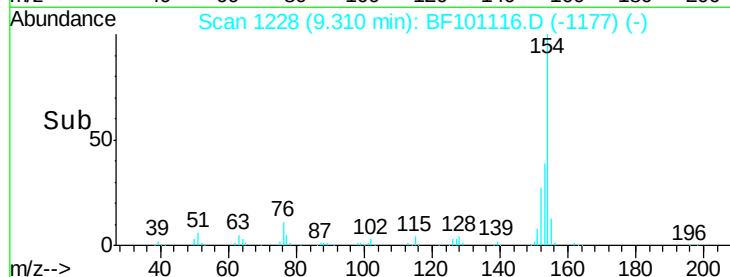
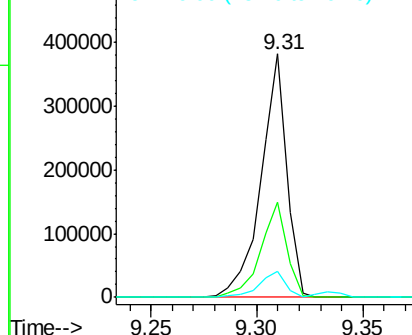
Tot Ion:	154	Resp:	324613
Ion Ratio	Lower	Upper	
154	100		
153	39.3	21.3	61.3
76	10.8	0.0	34.0

Manual Integrations
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12/6/2017 5:12:15 PM



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



#46

2-Chloronaphthalene

Concen: 39.888 ng

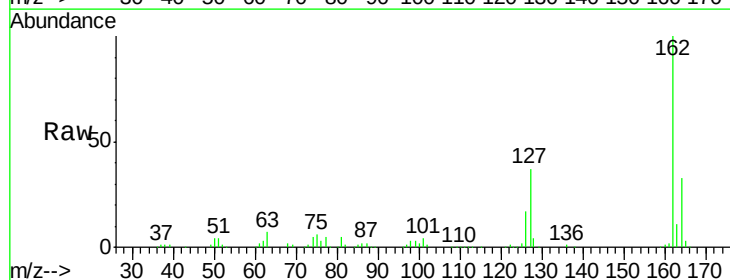
RT: 9.34 min Scan# 1233

Delta R.T. 0.01 min

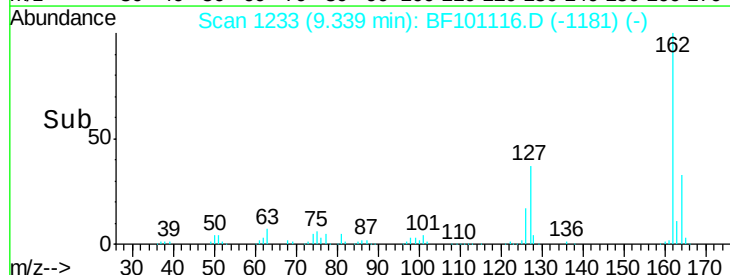
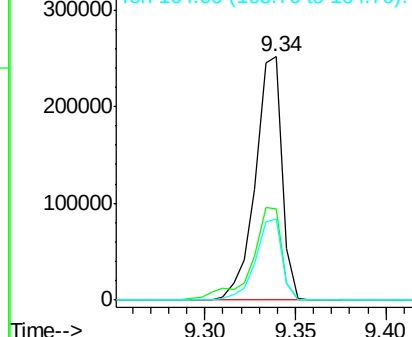
Lab File: BF101116.D

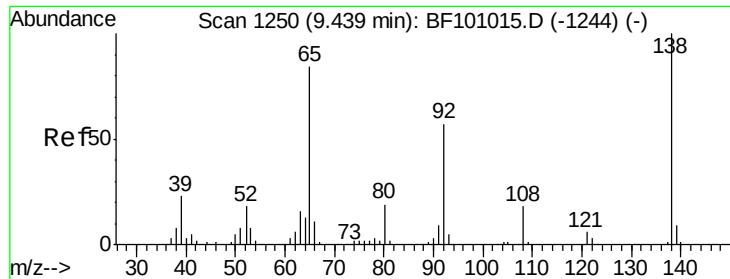
Acq: 5 Dec 2017 11:33

Tgt Ion:	162	Resp:	257984
Ion Ratio	Lower	Upper	
162	100		
127	37.4	33.9	50.9
164	33.1	26.5	39.7



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





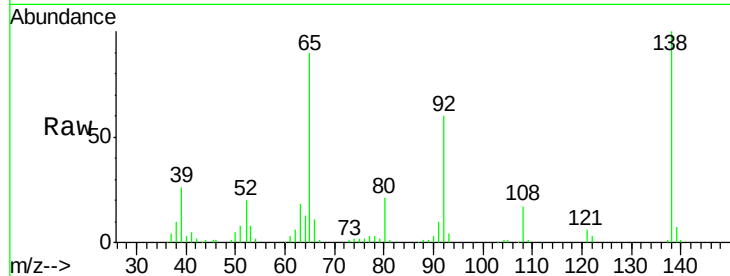
#47
2-Nitroaniline
Concen: 38.586 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Instrument :
BNA_F
ClientSampleId :
PB104699BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.9	55.8	83.6
138	111.5	91.2	136.8

Manual Integrations
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12/6/2017 5:12:15 PM

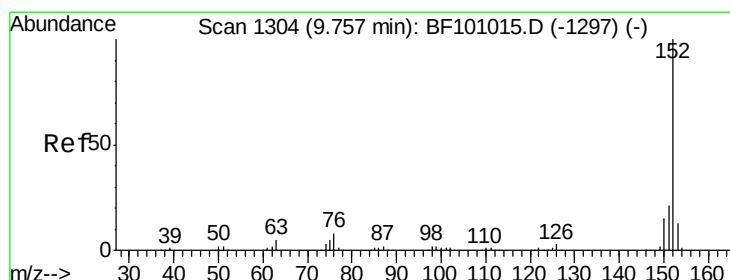
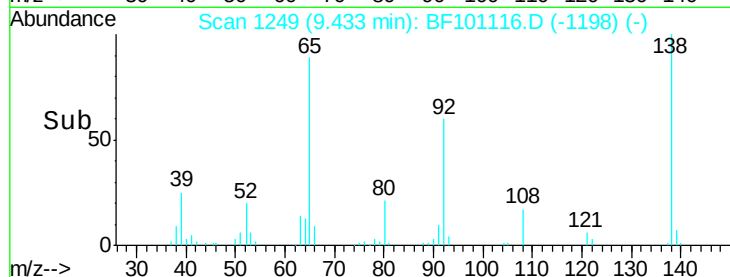
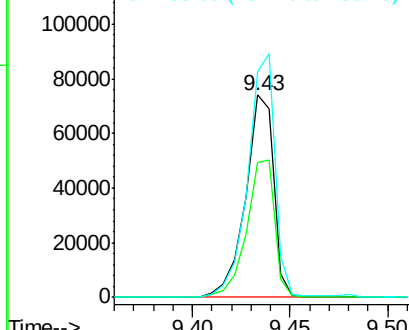


Abundance

Ion 65.00 (64.70 to 65.70): BF1

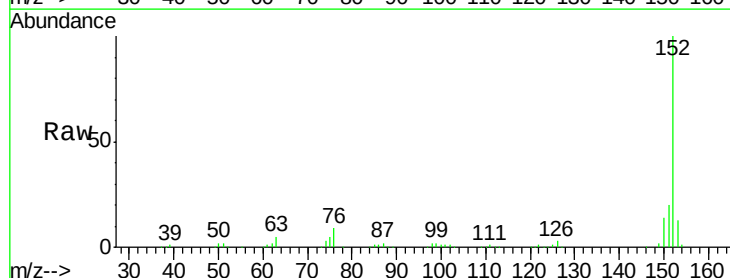
Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48
Acenaphthylene
Concen: 37.915 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.3	24.5
153	12.7	10.7	16.1

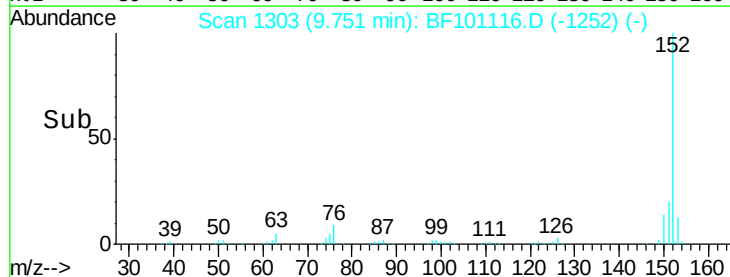
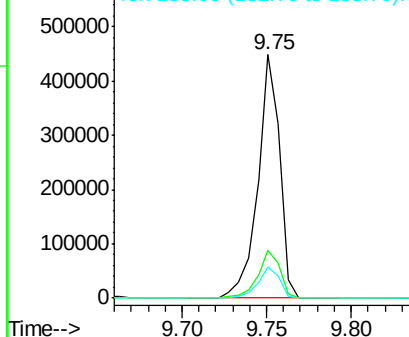


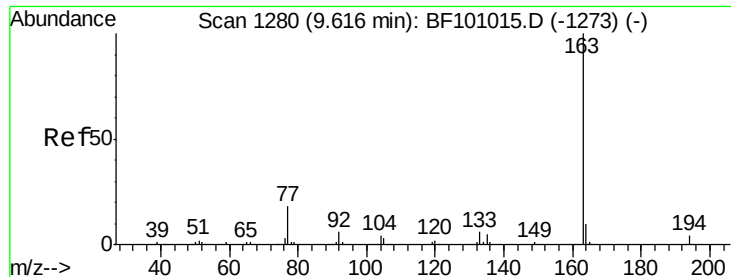
Abundance

Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1





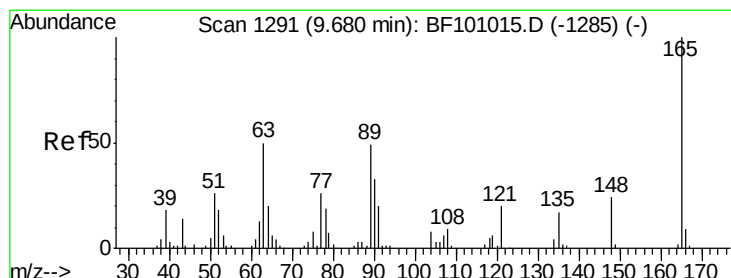
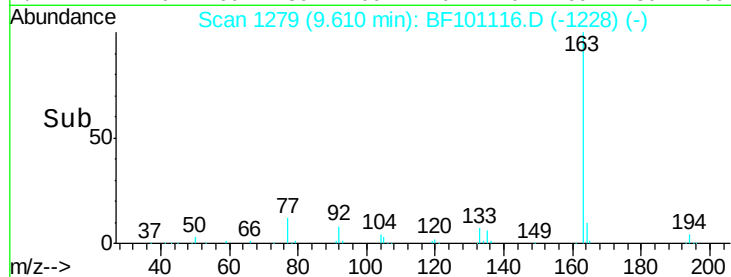
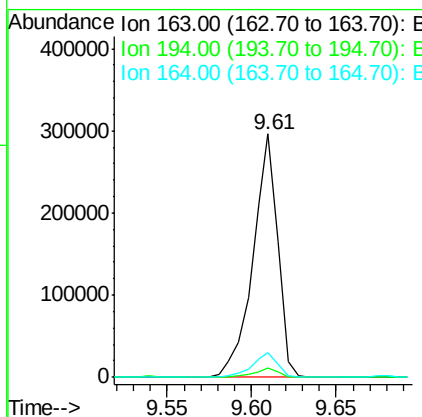
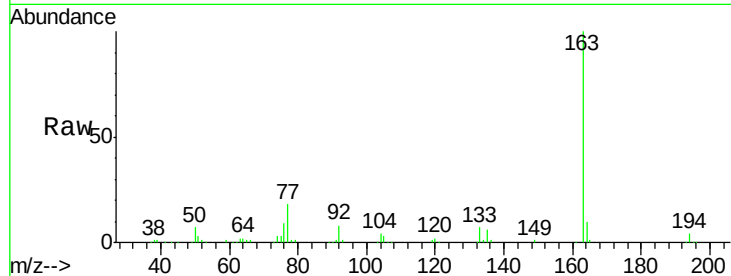
#49
Dimethylphthalate
Concen: 37.826 ng
RT: 9.61 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Instrument :
BNA_F
ClientSampleId :
PB104699BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.8	2.7	4.1	
164	10.3	8.2	12.2	

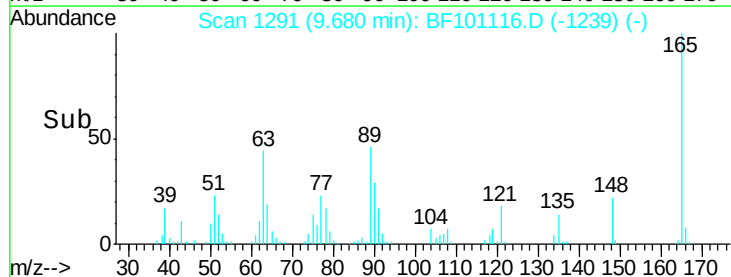
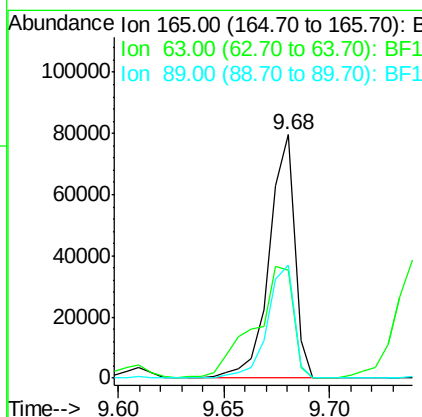
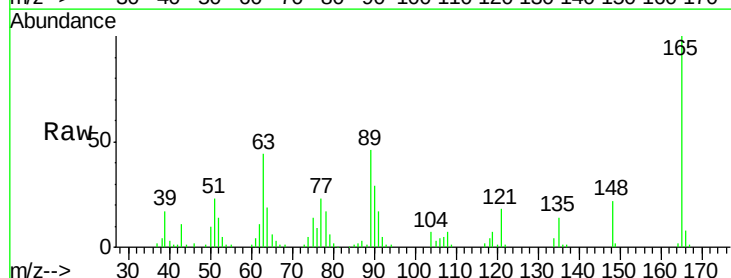
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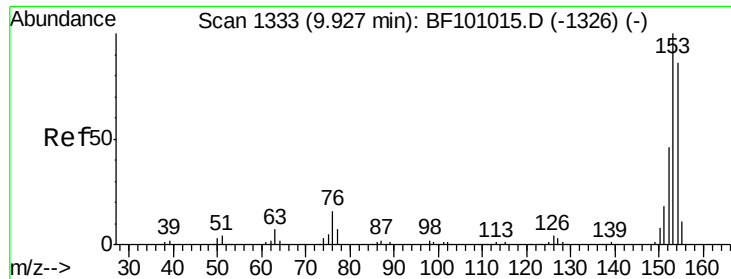
Sohil
12/6/2017 5:12:15 PM



#50
2,6-Dinitrotoluene
Concen: 39.495 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.2	44.7	67.1#	
89	46.3	44.0	66.0	





#51

Acenaphthene

Concen: 36.747 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

Instrument :

BNA_F

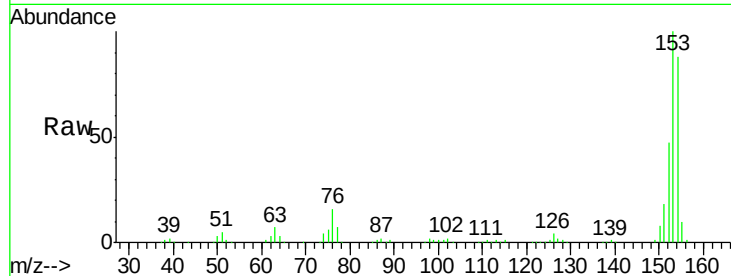
ClientSampleId :

PB104699BS

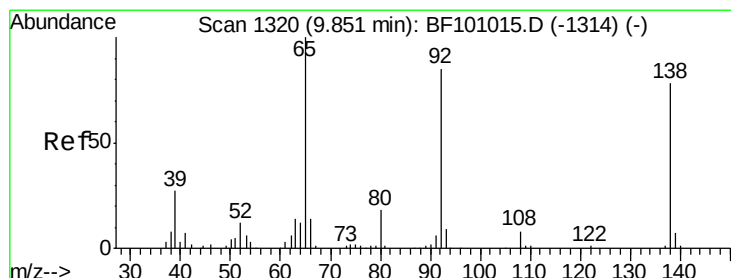
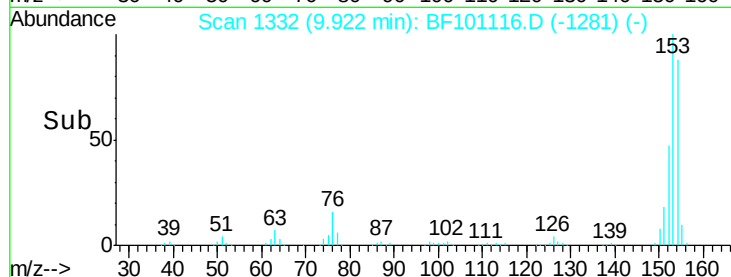
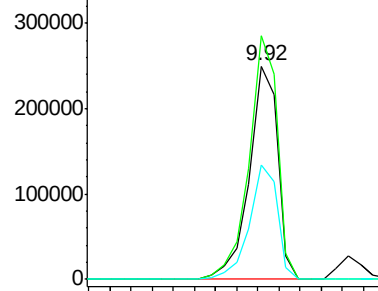
Tot Ion:	154	Resp:	233876
Ion Ratio	Lower	Upper	
154	100		
153	114.2	91.2	136.8
152	53.6	43.8	65.8

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12/6/2017 5:12:15 PM



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: 13.615 ng

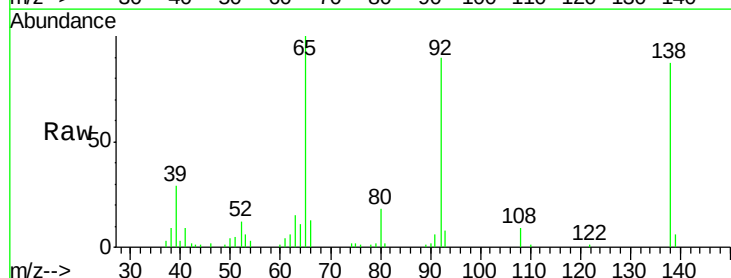
RT: 9.85 min Scan# 1319

Delta R.T. 0.00 min

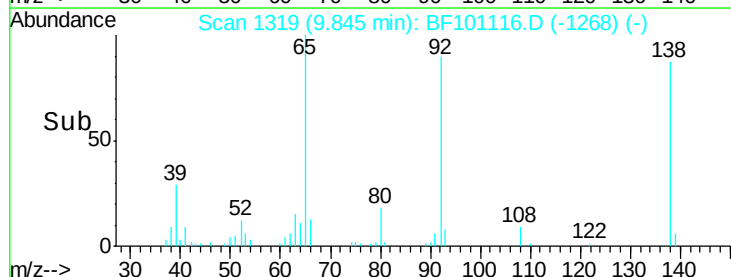
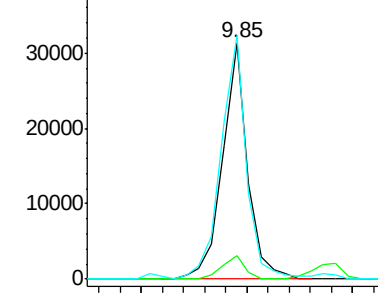
Lab File: BF101116.D

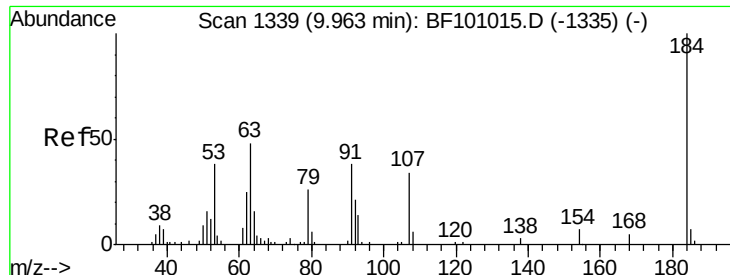
Acq: 5 Dec 2017 11:33

Tgt Ion:	138	Resp:	25851
Ion Ratio	Lower	Upper	
138	100		
108	10.2	9.4	14.0
92	103.1	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





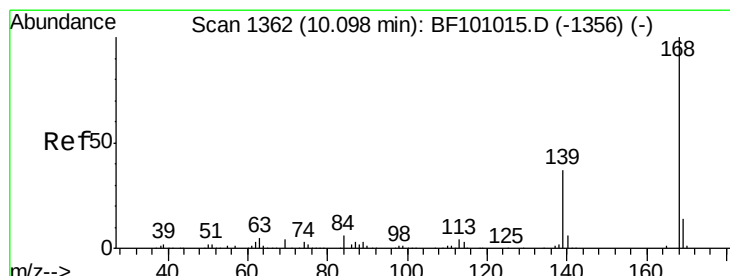
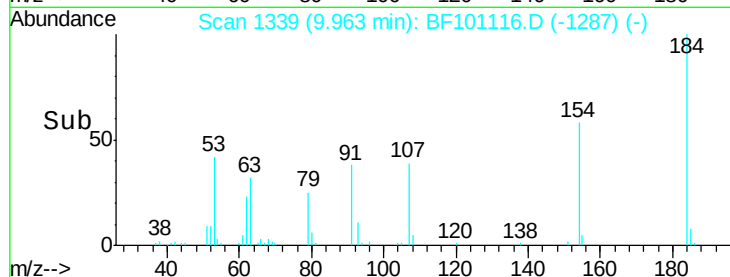
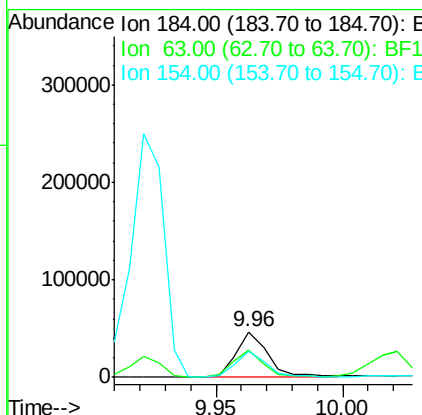
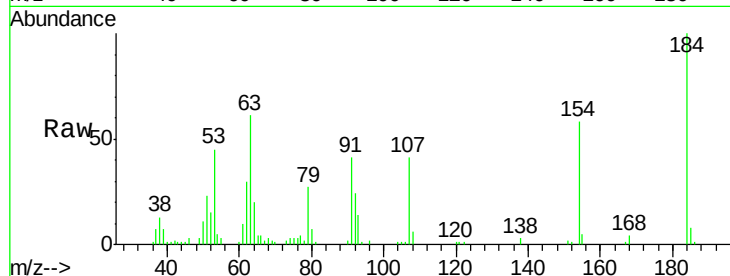
#53
 2,4-Dinitrophenol
 Concen: 49.381 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.01 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

Instrument :
 BNA_F
 ClientSampleId :
 PB104699BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	60.7	54.2	81.2	
154	57.9	184.0	276.0	

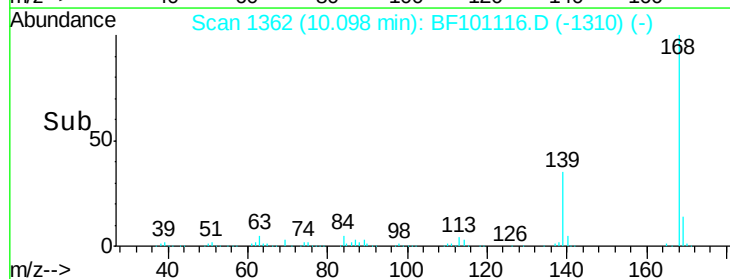
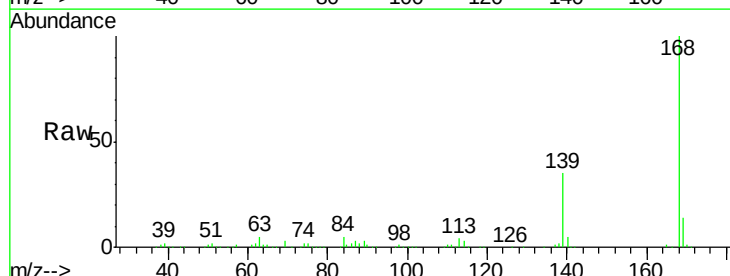
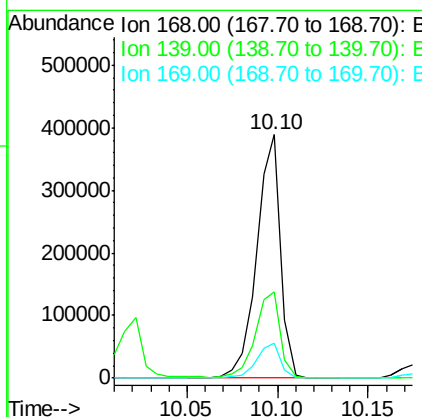
Manual Integrations
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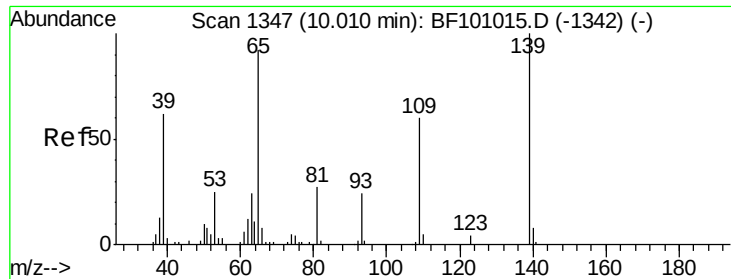
Sohil
 12/6/2017 5:12:15 PM



#54
 Dibenzofuran
 Concen: 38.446 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	35.4	30.1	45.1	
169	14.1	10.9	16.3	





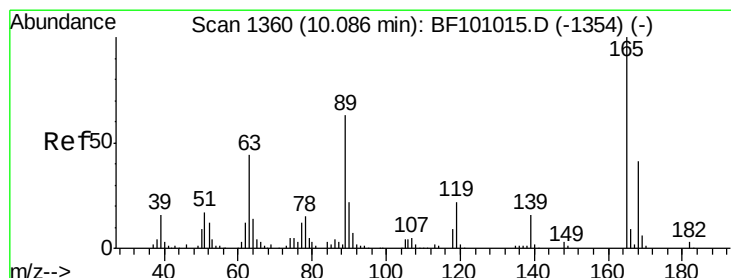
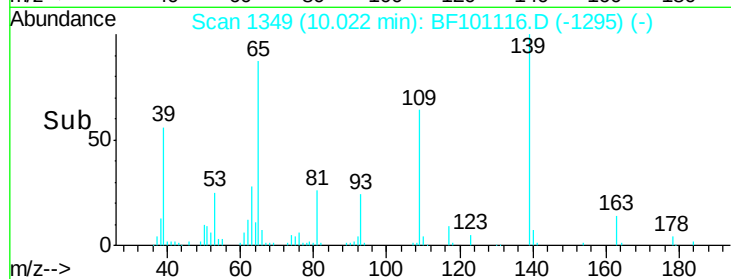
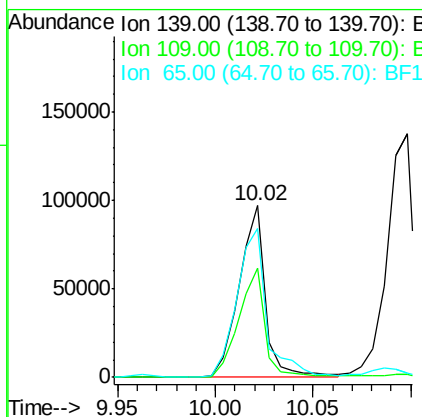
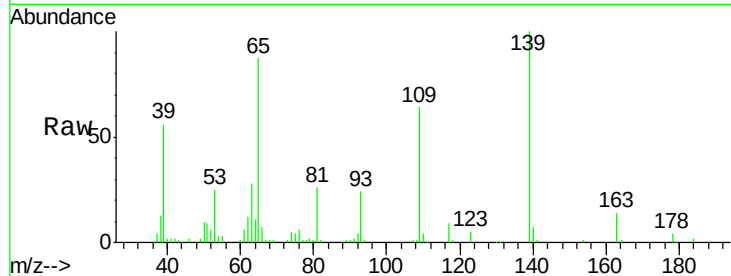
#55
4-Nitrophenol
Concen: 71.012 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.02 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Instrument :
BNA_F
ClientSampleId :
PB104699BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	63.6	48.4	88.4	
65	87.1	72.6	112.6	

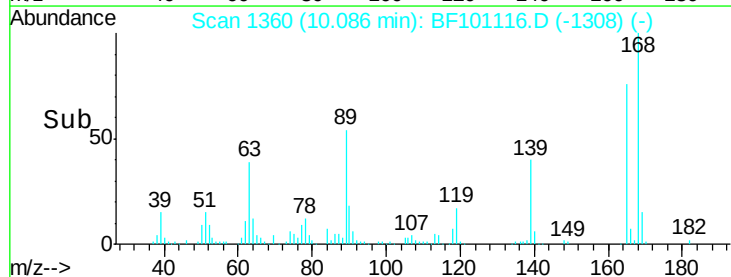
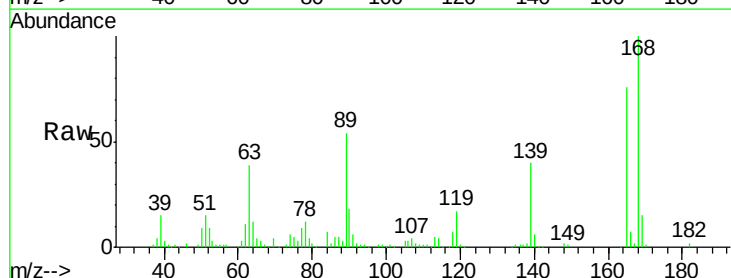
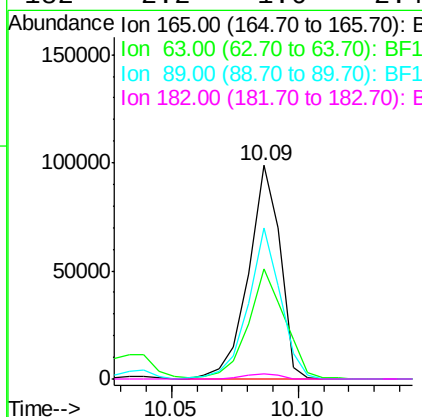
Manual Integrations
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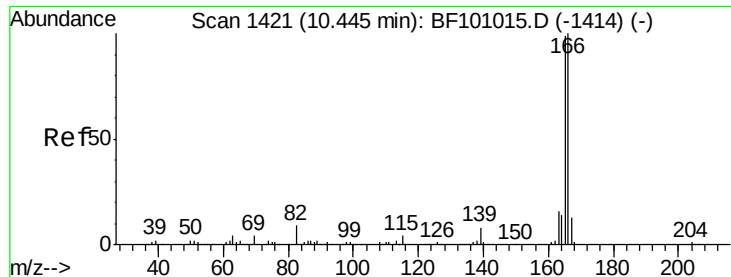
Sohil
12/6/2017 5:12:15 PM



#56
2,4-Dinitrotoluene
Concen: 38.119 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	51.4	36.4	54.6	
89	70.8	57.8	86.6	
182	2.2	1.6	2.4	





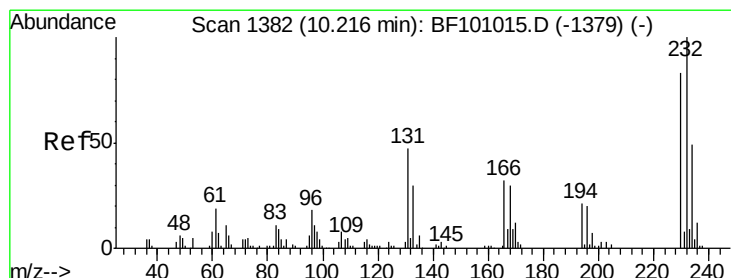
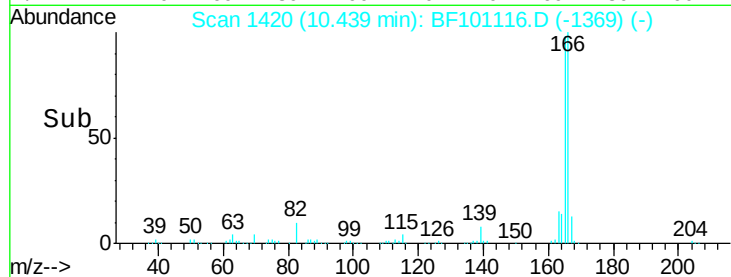
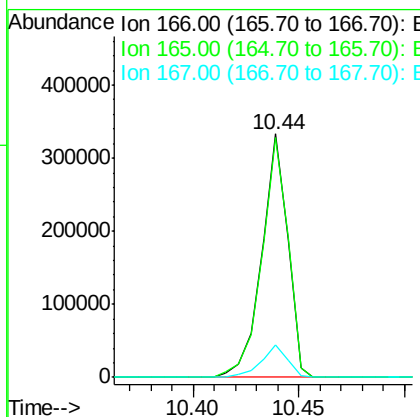
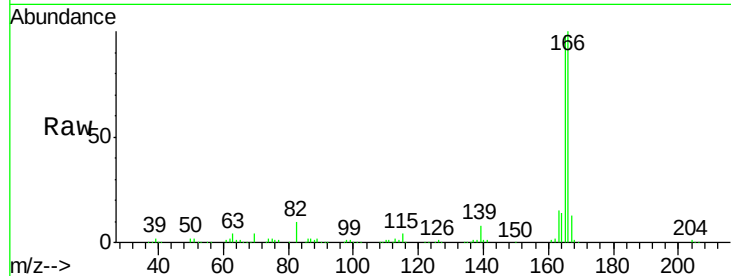
#57
Fluorene
Concen: 38.368 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Instrument :
BNA_F
ClientSampleId :
PB104699BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	98.5	79.8	119.8		
167	13.5	10.6	16.0		

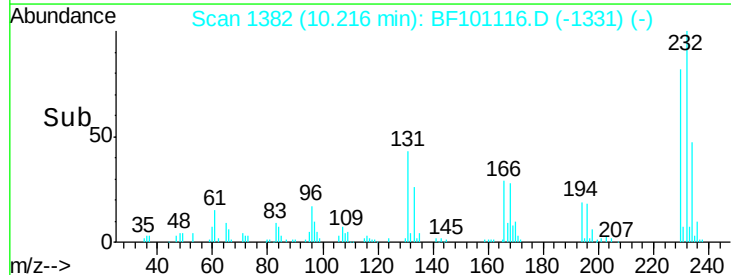
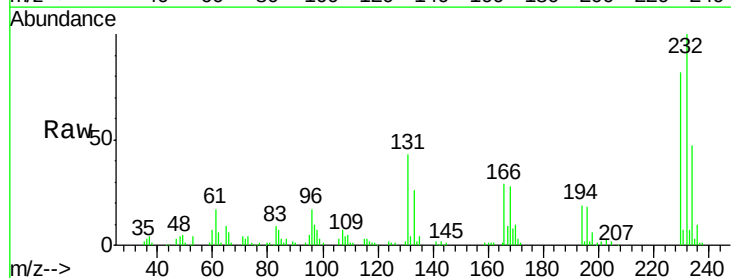
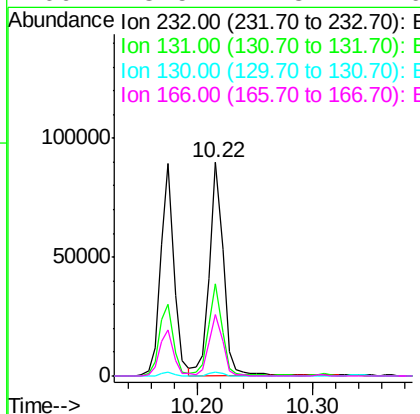
Manual Integrations
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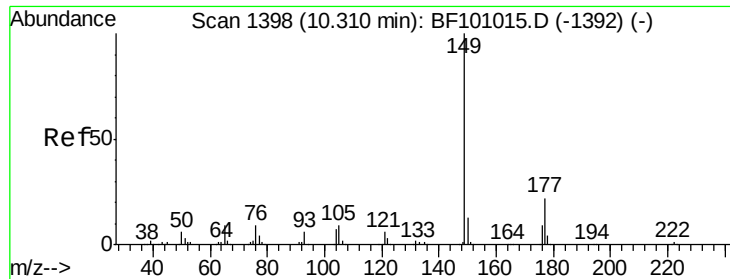
Sohil
12/6/2017 5:12:15 PM



#58
2,3,4,6-Tetrachlorophenol
Concen: 41.918 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
232	100				
131	42.4	43.8	65.8#		
130	1.8	2.1	3.1#		
166	28.5	27.8	41.6		





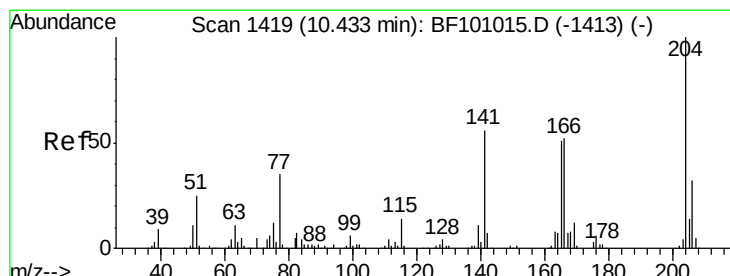
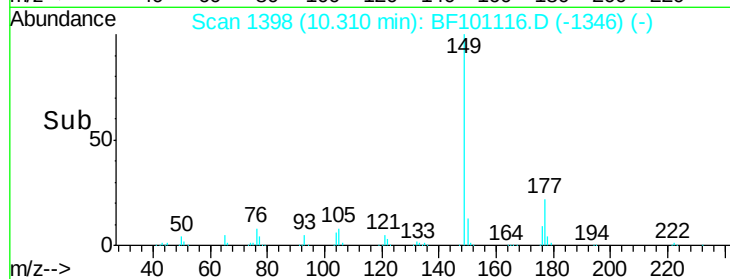
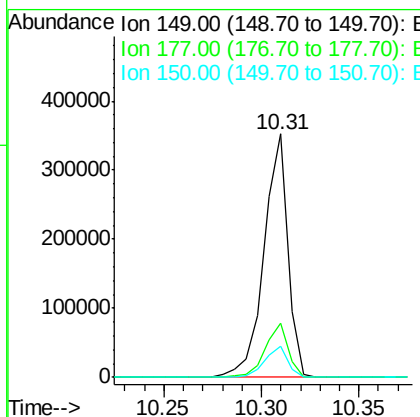
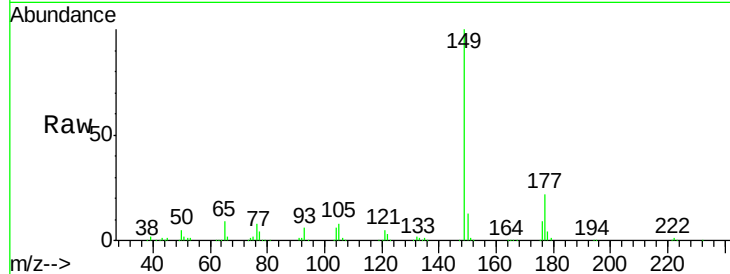
#59
Diethylphthalate
Concen: 37.804 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Instrument :
BNA_F
ClientSampleId :
PB104699BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
177	22.4	16.1	24.1
150	12.8	10.1	15.1

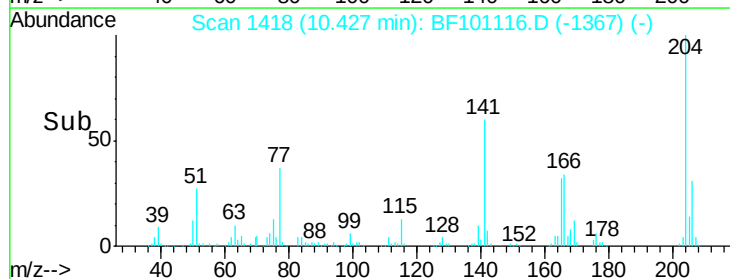
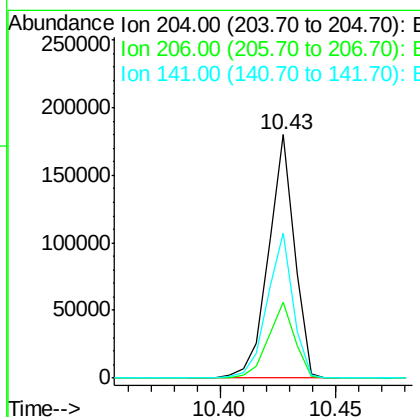
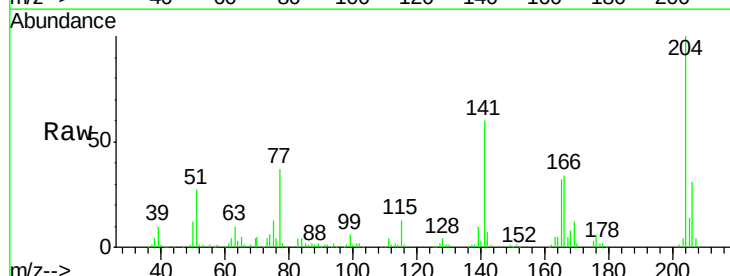
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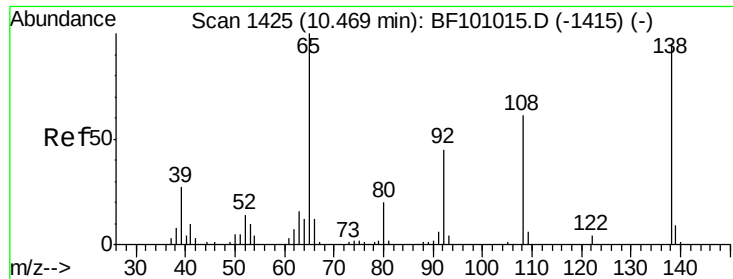
Sohil
12/6/2017 5:12:15 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.251 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Tgt Ion	Ratio	Resp Lower	Upper
204	100		
206	31.0	26.5	39.7
141	59.7	54.6	81.8





#61

4-Nitroaniline

Concen: 31.564 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

Instrument :

BNA_F

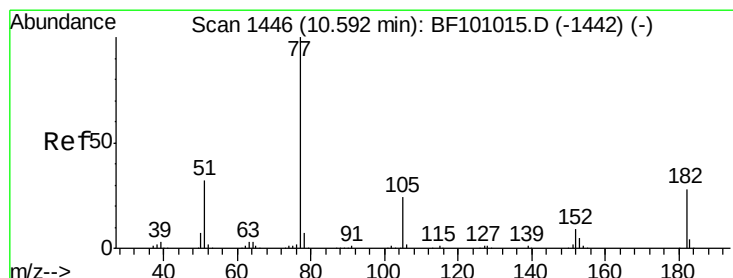
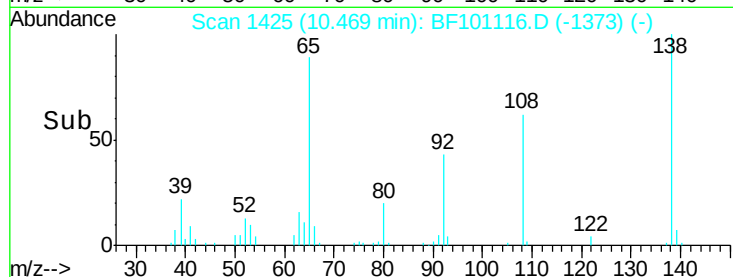
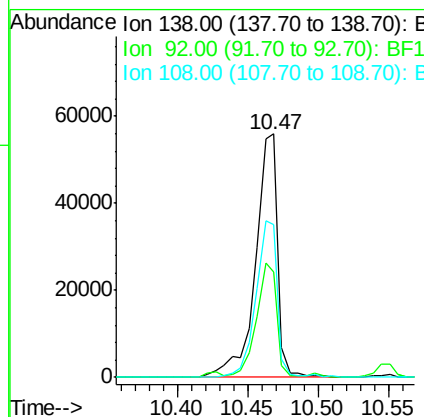
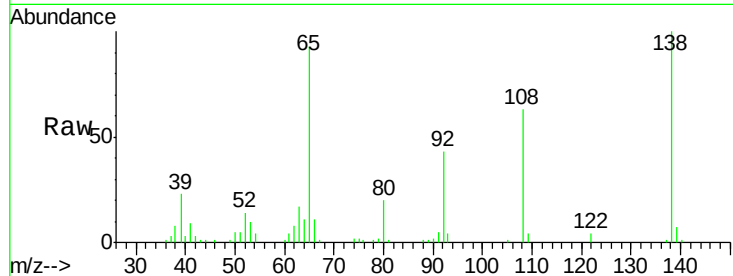
ClientSampleId :

PB104699BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	43.4	30.2	70.2
108	62.9	52.5	92.5

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#62

Azobenzene

Concen: 38.192 ng

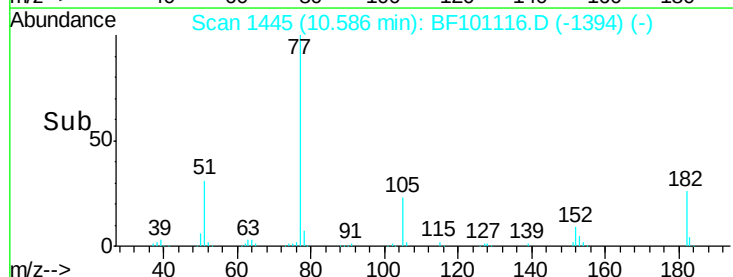
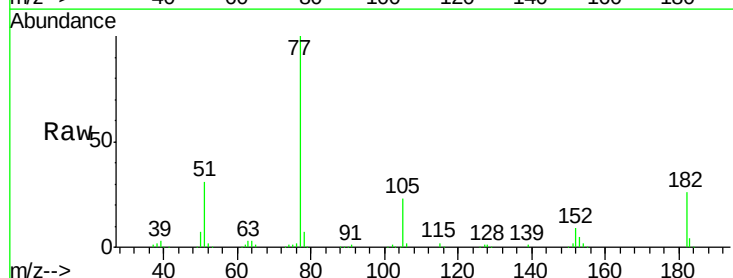
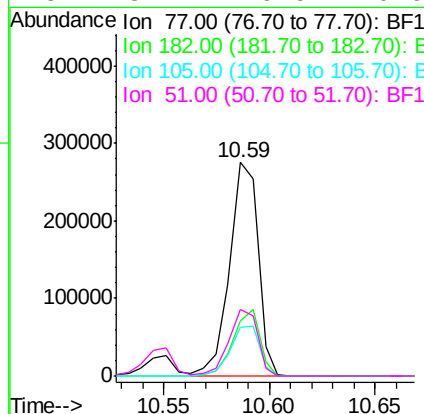
RT: 10.59 min Scan# 1445

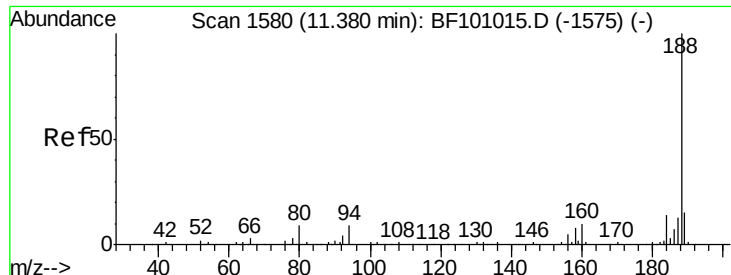
Delta R.T. 0.00 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.0	1.7	41.7
105	23.0	3.0	43.0
51	31.4	9.9	49.9





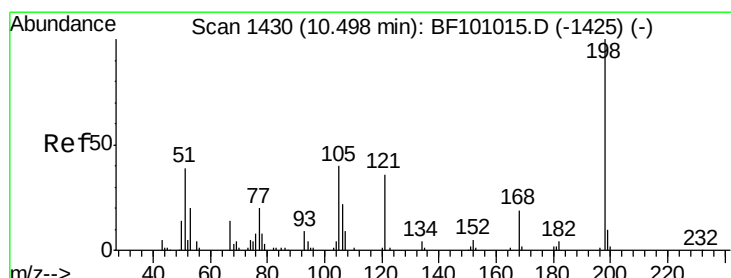
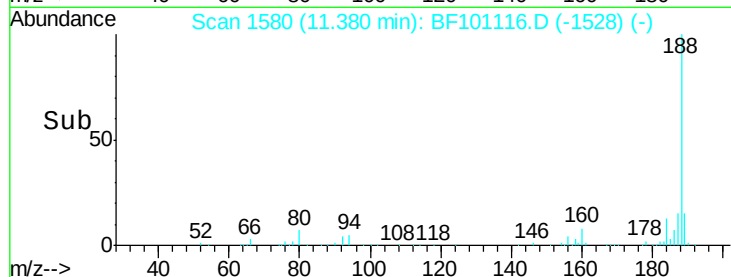
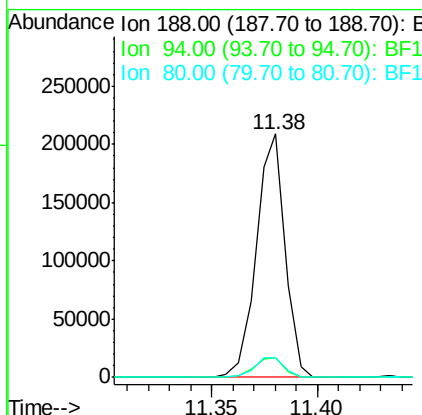
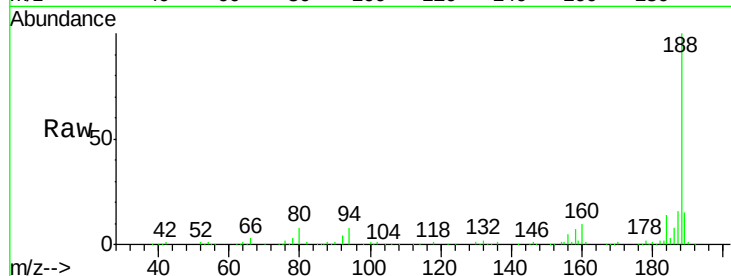
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Instrument :
BNA_F
ClientSampleId :
PB104699BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	196978		
94	7.8	8.5	12.7#	
80	7.8	9.2	13.8#	

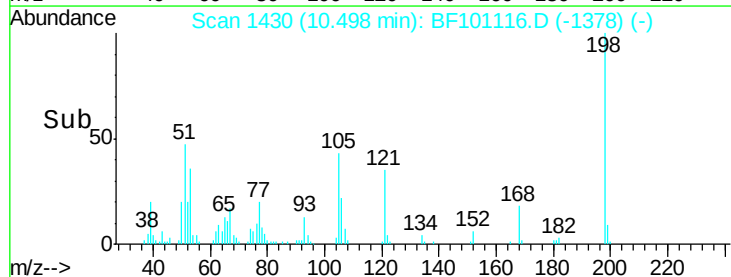
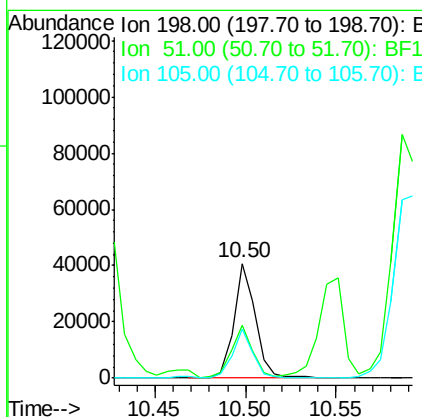
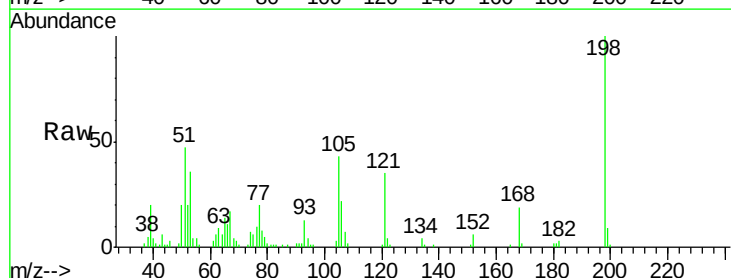
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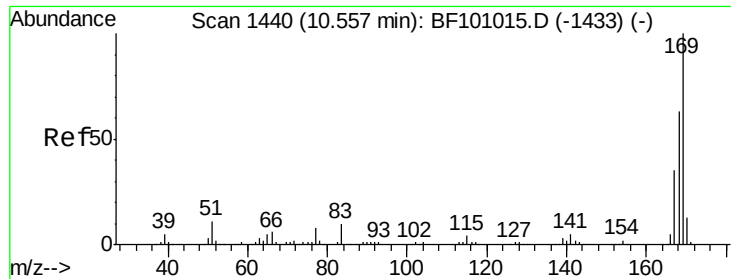
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#64
4,6-Dinitro-2-methylphenol
Concen: 25.445 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	33617		
51	46.7	37.7	77.7	
105	42.7	36.3	76.3	





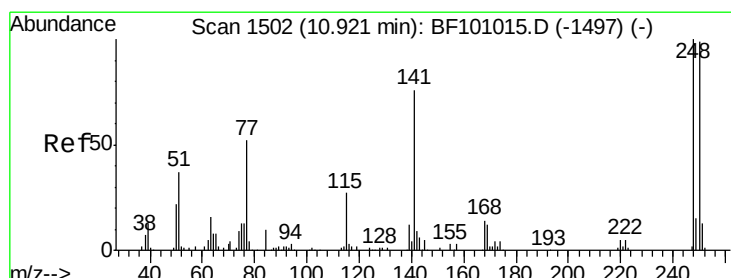
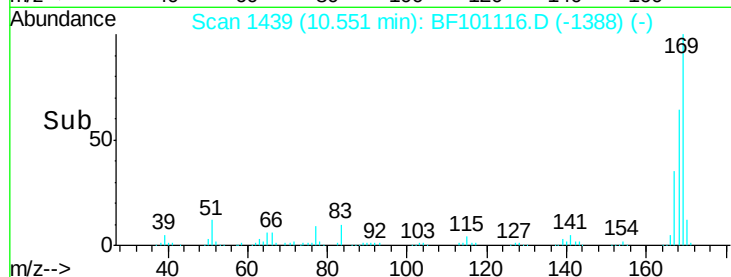
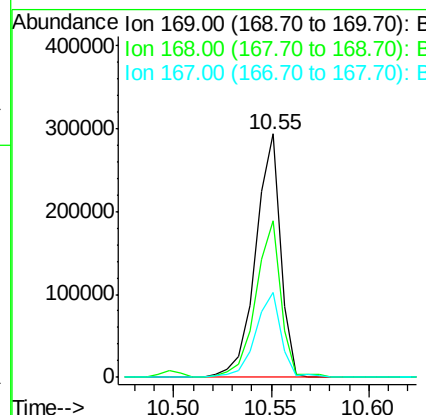
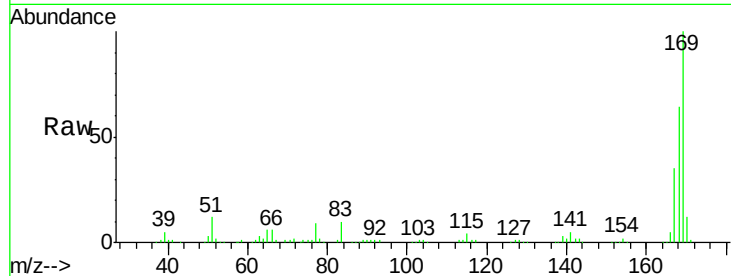
#65
 n-Nitrosodiphenylamine
 Concen: 37.378 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

Instrument :
 BNA_F
 ClientSampleId :
 PB104699BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	259749		
168	64.1		54.4	81.6
167	34.8		29.8	44.6

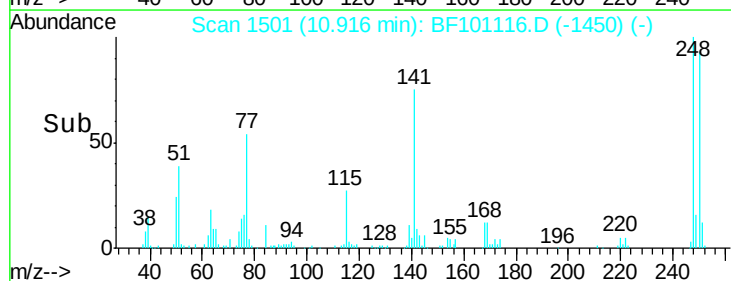
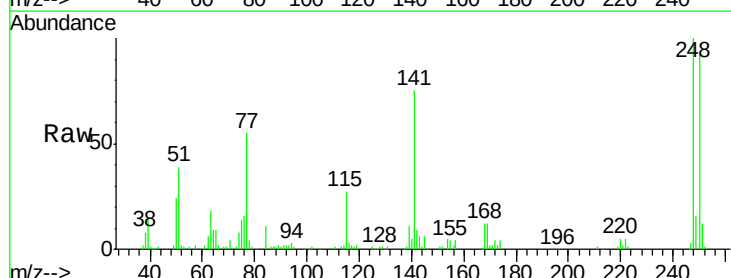
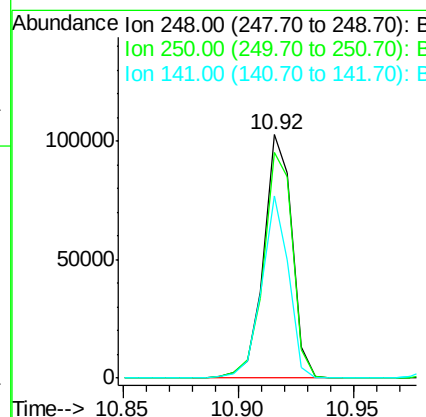
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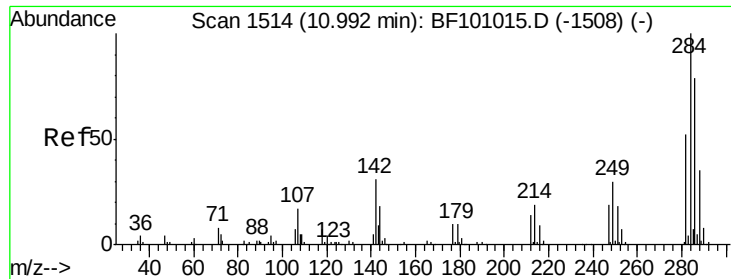
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#66
 4-Bromophenyl-phenylether
 Concen: 39.966 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. 0.00 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	88119		
250	92.6		76.9	115.3
141	74.8		74.4	111.6





#67

Hexachlorobenzene

Concen: 37.855 ng

RT: 10.99 min Scan# 1514

Delta R.T. 0.01 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

Instrument :

BNA_F

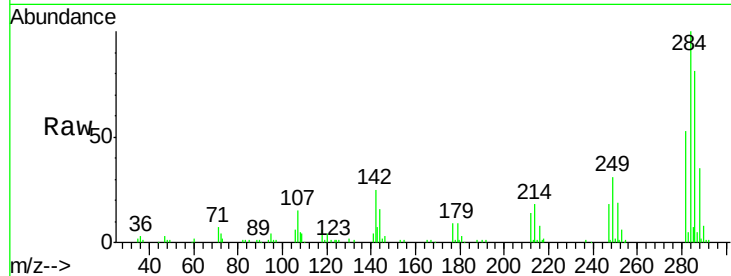
ClientSampleId :

PB104699BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	89453		
142	25.4	34.6	52.0#	
249	30.5	24.8	37.2	

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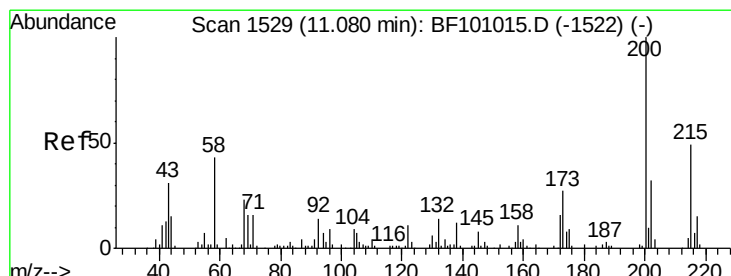
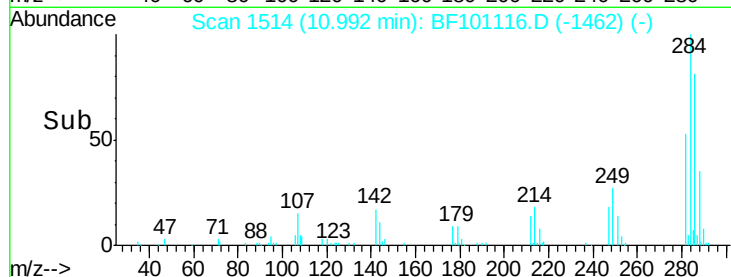
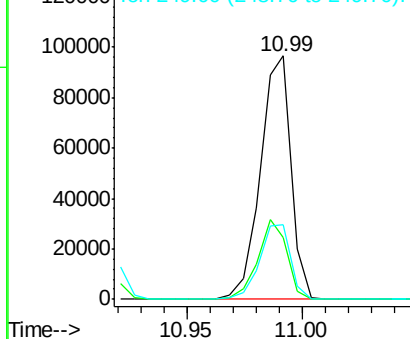
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.393 ng

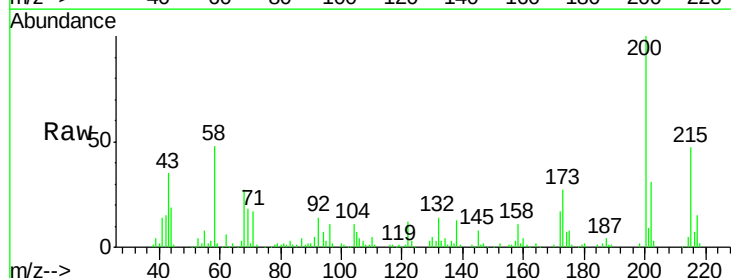
RT: 11.07 min Scan# 1528

Delta R.T. 0.00 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

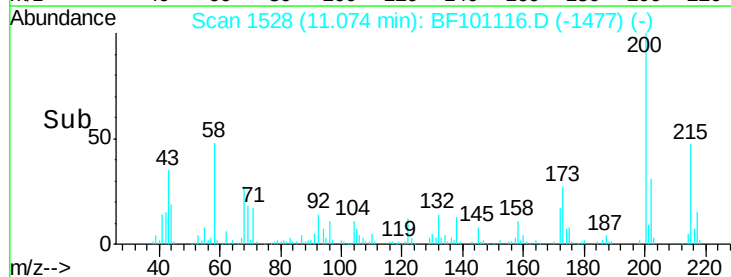
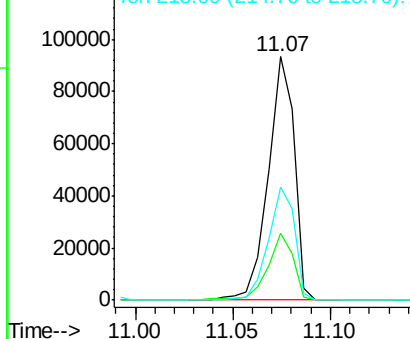
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	86103		
173	27.3	8.6	48.6	
215	46.6	25.1	65.1	

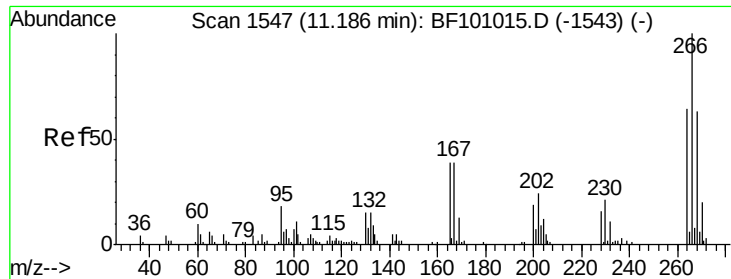


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





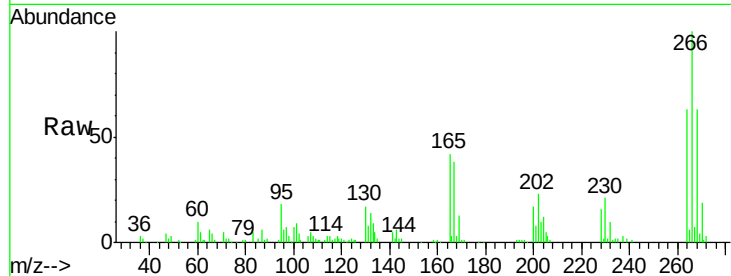
#69
 Pentachlorophenol
 Concen: 65.867 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.01 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

Instrument :
 BNA_F
 ClientSampleId :
 PB104699BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	85581		
268	63.4		51.1	76.7
264	63.2		49.5	74.3

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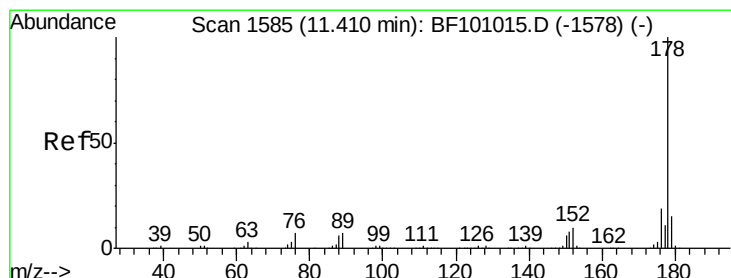
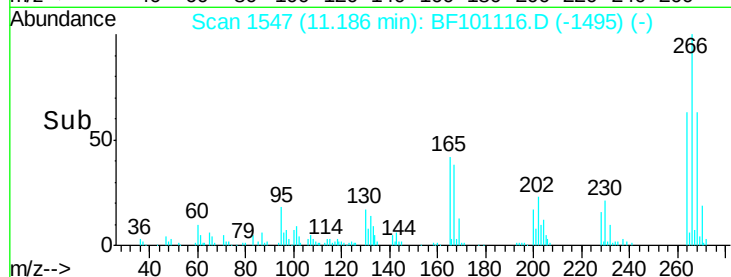
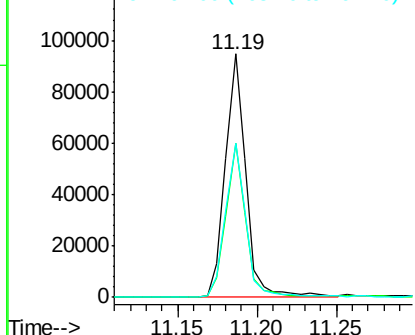


Abundance

Ion 265.70 (265.40 to 266.40): E

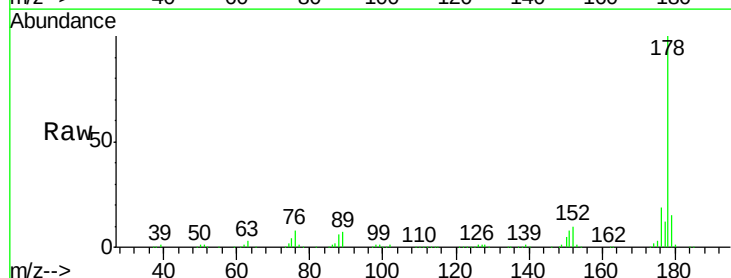
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 37.892 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	411029		
176	19.3		15.8	23.8
179	15.5		13.0	19.6

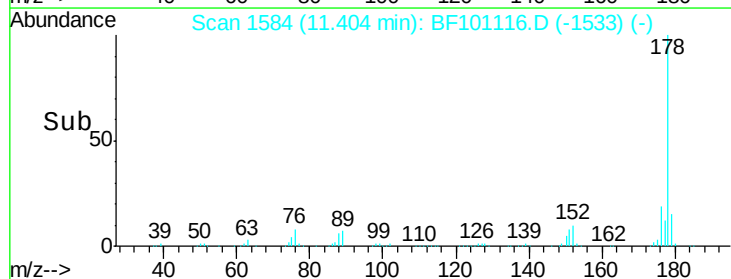
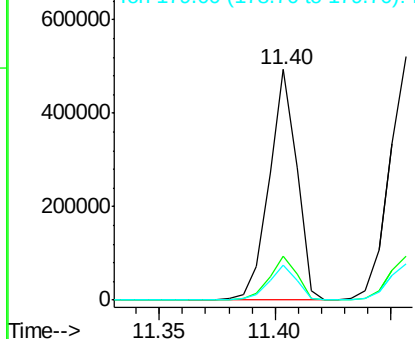


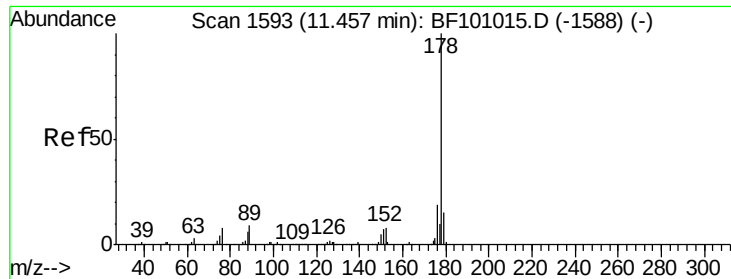
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





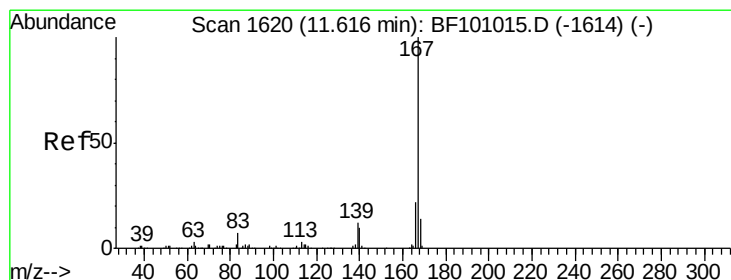
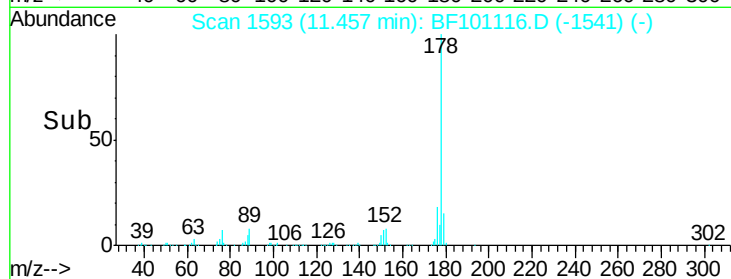
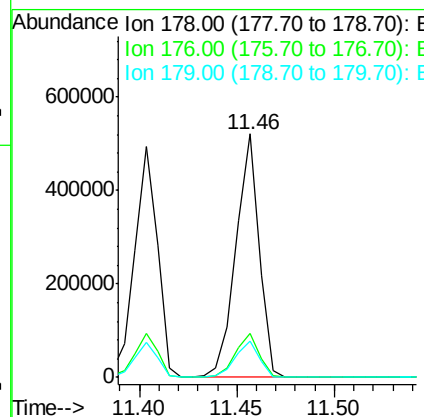
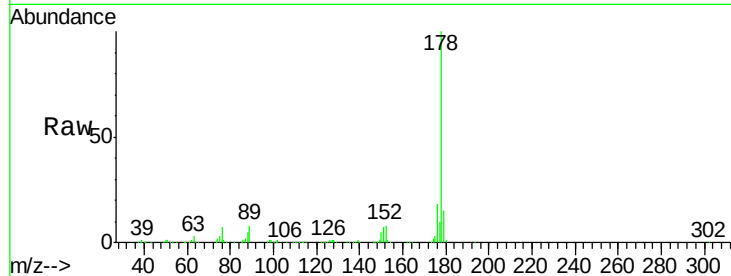
#71
 Anthracene
 Concen: 39.344 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

Instrument :
 BNA_F
 ClientSampleId :
 PB104699BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.2
179	14.9	12.6	19.0

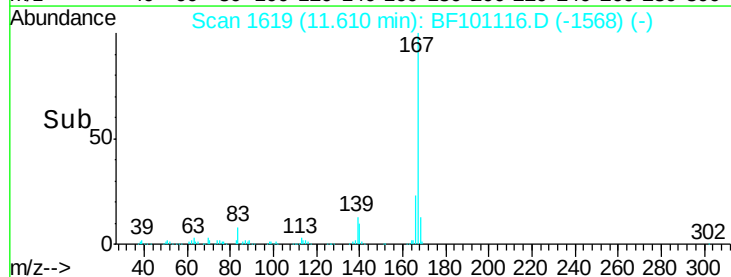
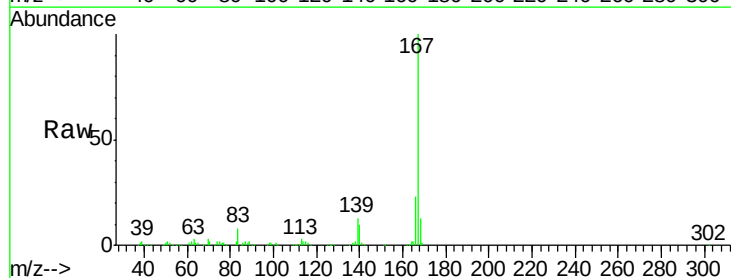
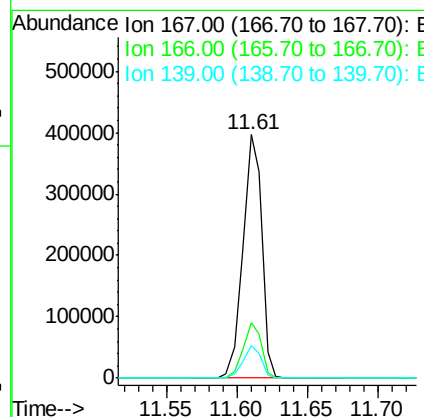
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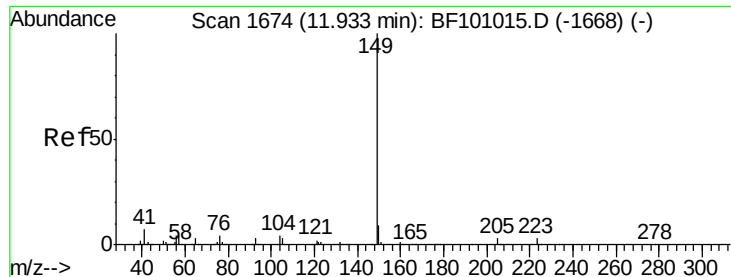
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#72
 Carbazole
 Concen: 36.833 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.6	26.4
139	13.1	10.9	16.3





#73

Di-n-butylphthalate

Concen: 37.525 ng

RT: 11.93 min Scan# 1674

Delta R.T. 0.01 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

Instrument :

BNA_F

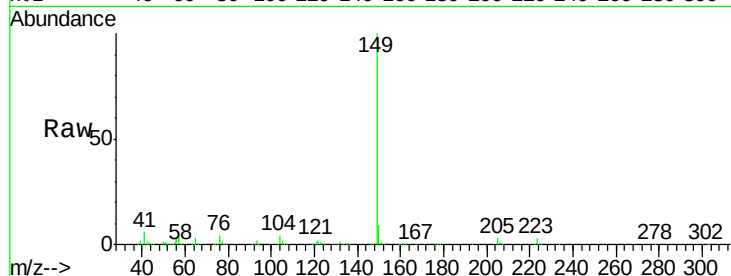
ClientSampleId :

PB104699BS

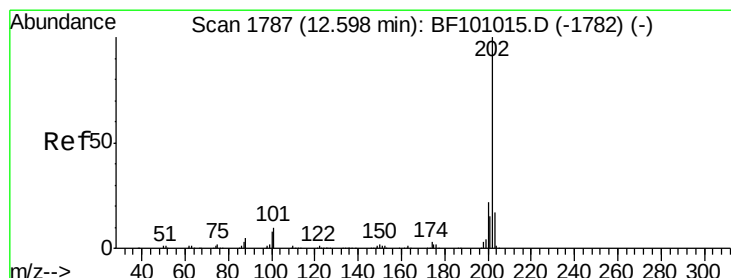
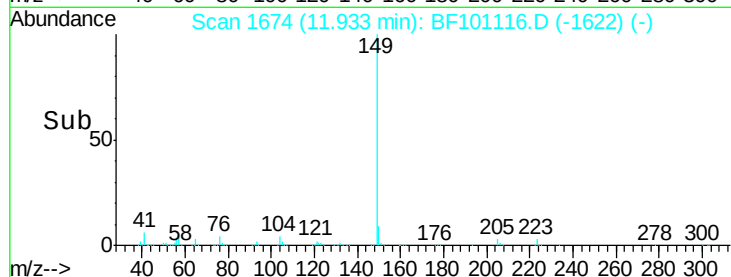
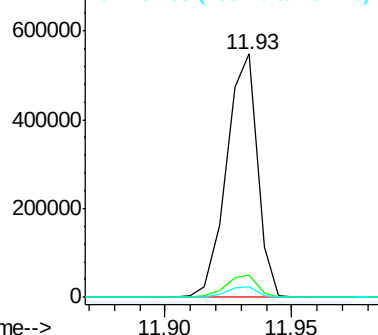
Tot Ion:	149	Resp:	471788
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.8	11.6
104	4.2	3.8	5.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.467 ng

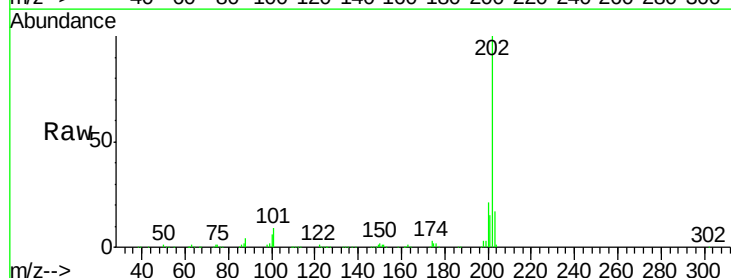
RT: 12.60 min Scan# 1787

Delta R.T. 0.01 min

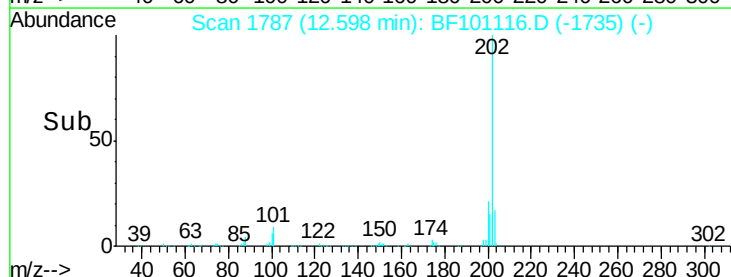
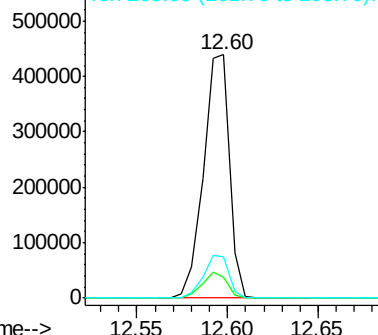
Lab File: BF101116.D

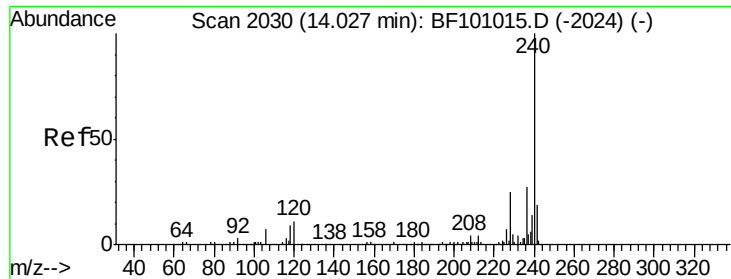
Acq: 5 Dec 2017 11:33

Tgt Ion:	202	Resp:	438495
Ion Ratio	Lower	Upper	
202	100		
101	8.5	0.0	34.1
203	17.2	0.0	38.1



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

Instrument :

BNA_F

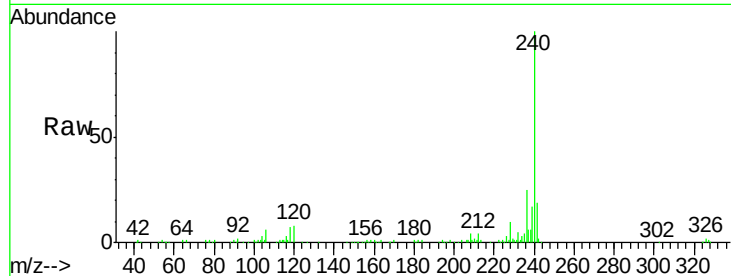
ClientSampleId :

PB104699BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.4	9.5	14.3#
236	24.8	20.7	31.1

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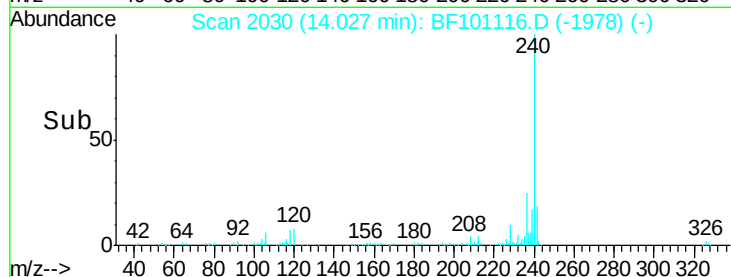


Abundance Ion 240.00 (239.70 to 240.70): E

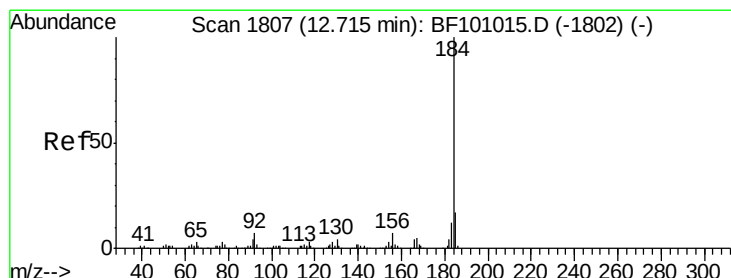
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.03



Time-->



#76

Benzidine

Concen: 28.178 ng

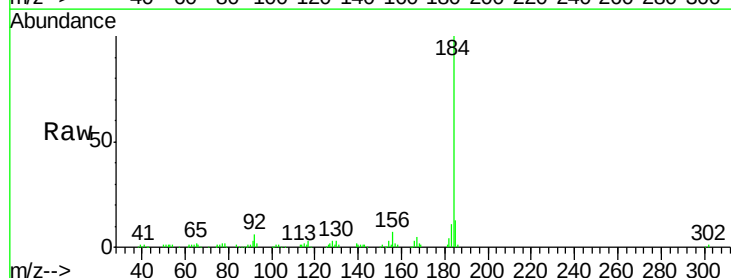
RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

Tgt Ion	Ratio	Lower	Upper
184	100		
185	12.9	12.6	18.8
183	11.4	9.3	13.9

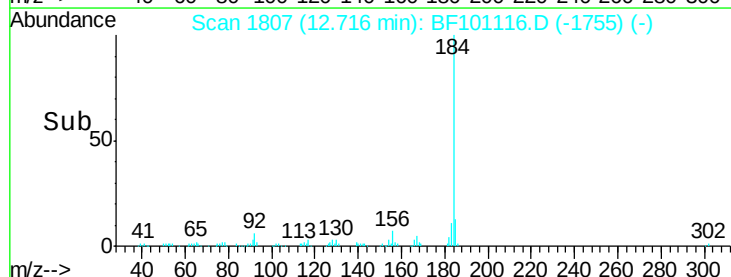


Abundance Ion 184.00 (183.70 to 184.70): E

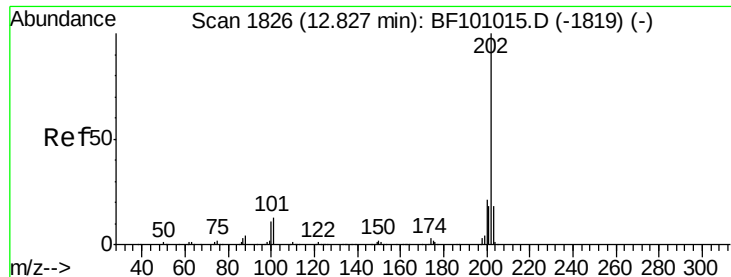
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.72



Time-->



#77

Pvrene

Concen: 44.598 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

Instrument :

BNA_F

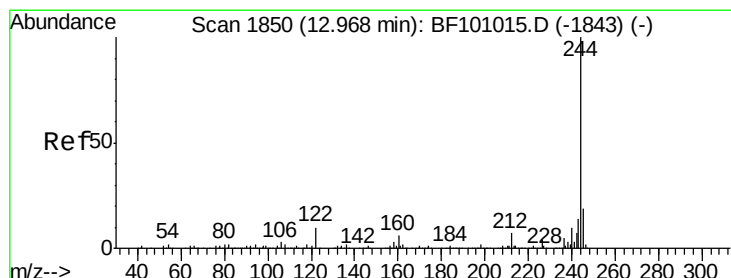
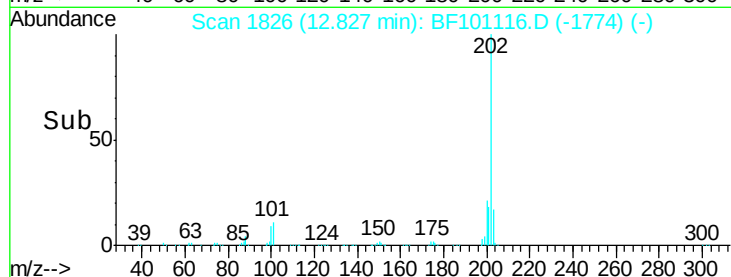
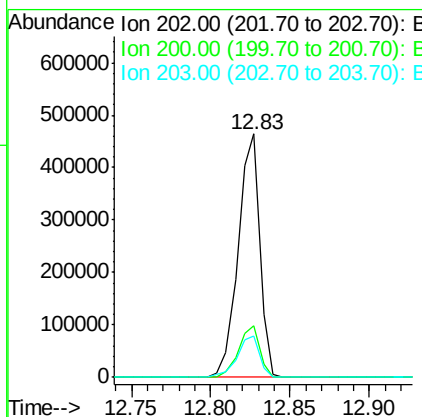
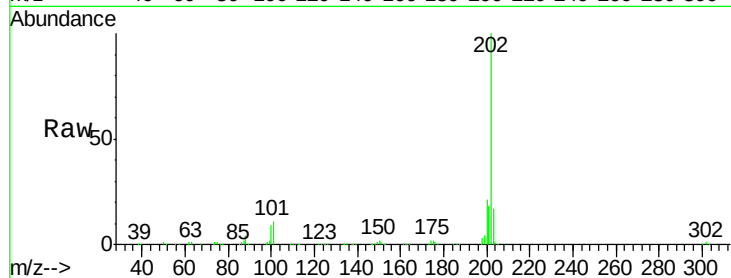
ClientSampleId :

PB104699BS

Tot Ion:	202	Resp:	438043
Ion Ratio		Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.0	14.3	21.5

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#78

Terphenyl-d14

Concen: 92.718 ng

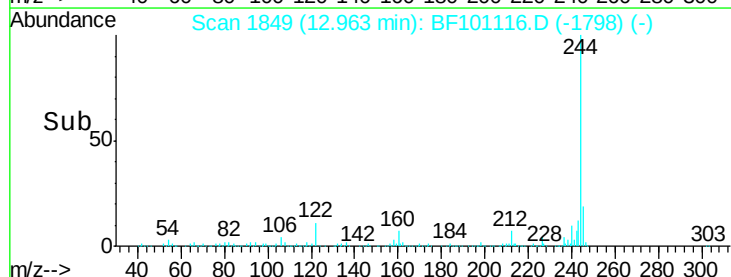
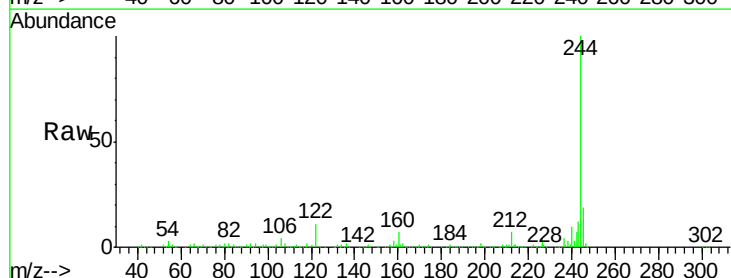
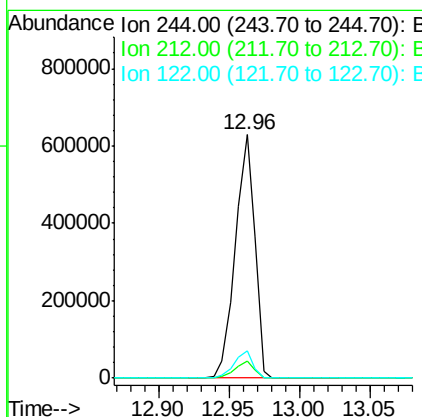
RT: 12.96 min Scan# 1849

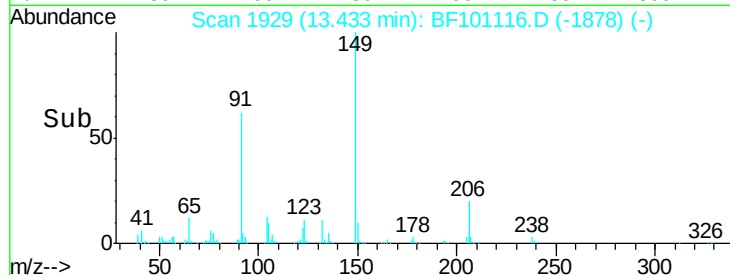
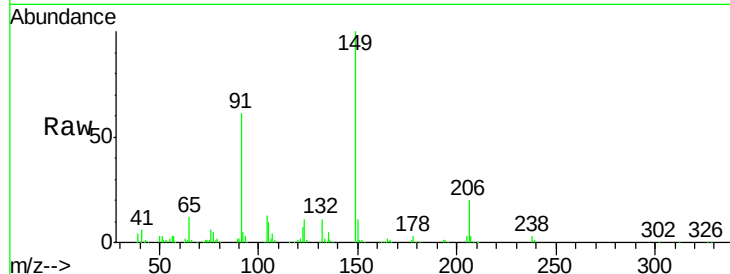
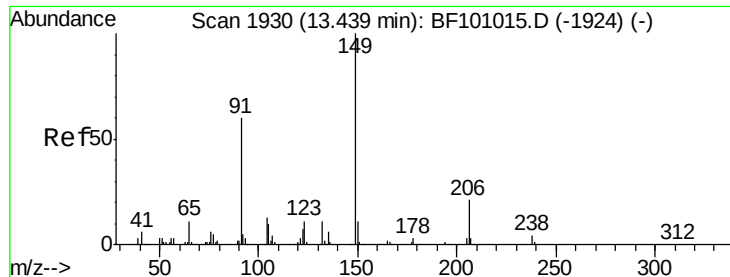
Delta R.T. 0.00 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

Tgt Ion:	244	Resp:	603381
Ion Ratio		Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.2	11.0	16.4





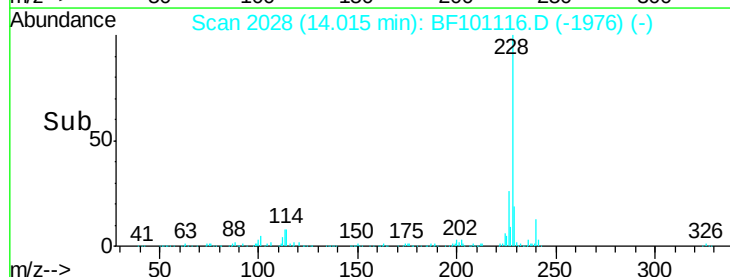
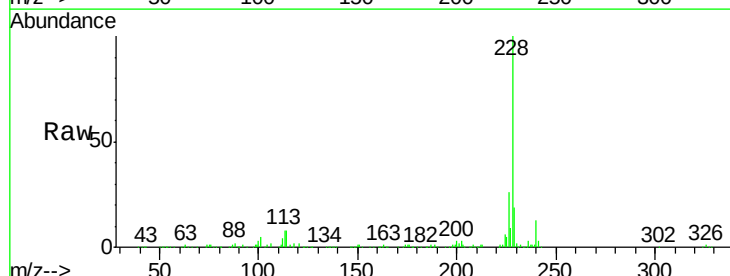
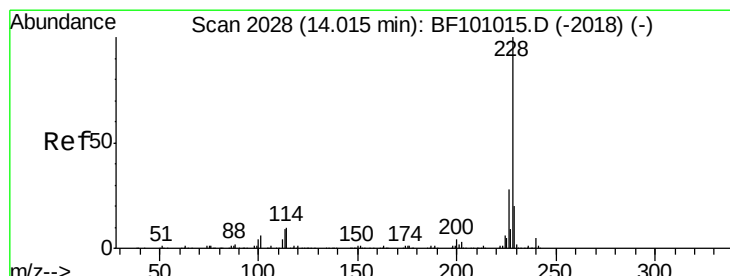
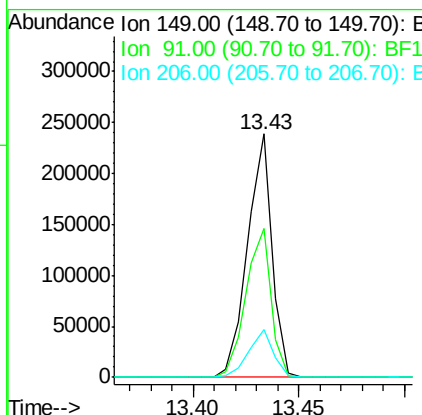
#79
Butylbenzylphthalate
Concen: 44.527 ng
RT: 13.43 min Scan# 1929
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	61.4	56.8	85.2
206	19.8	14.1	21.1

Instrument :
BNA_F
ClientSampleId :
PB104699BS

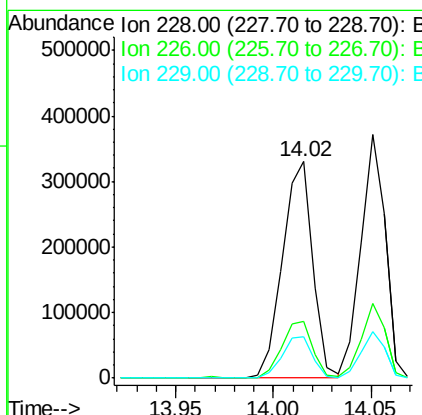
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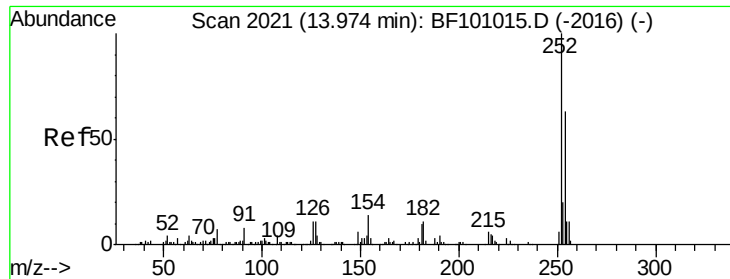
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#80
Benzo(a)anthracene
Concen: 39.217 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	26.1	22.6	33.8
229	19.1	15.8	23.6





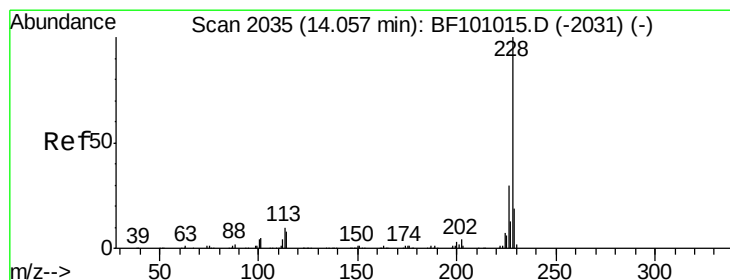
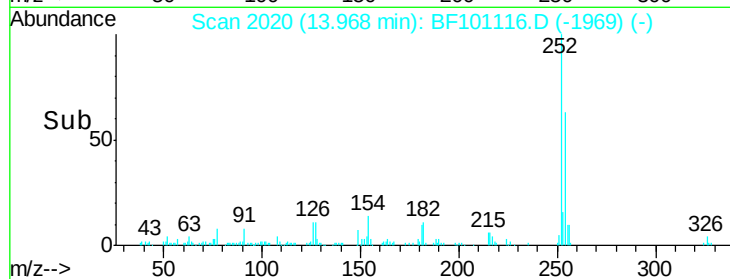
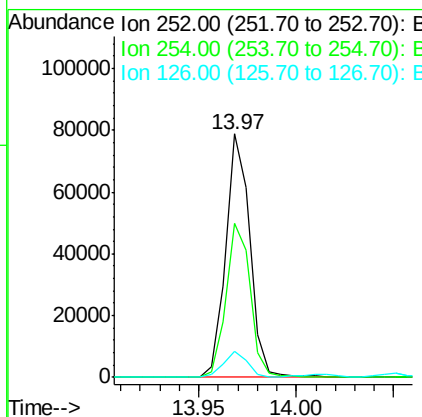
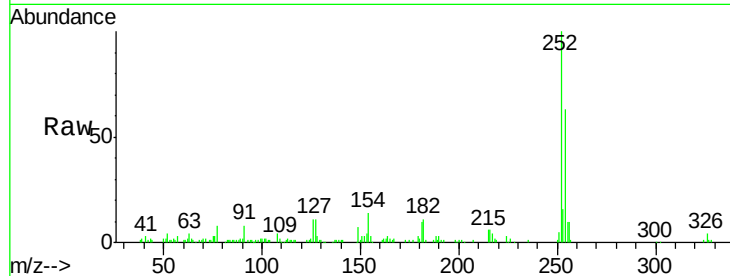
#81
 3,3'-Dichlorobenzidine
 Concen: 21.657 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.00 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

Instrument :
 BNA_F
 ClientSampled :
 PB104699BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.1	50.4	75.6
126	10.5	11.3	16.9

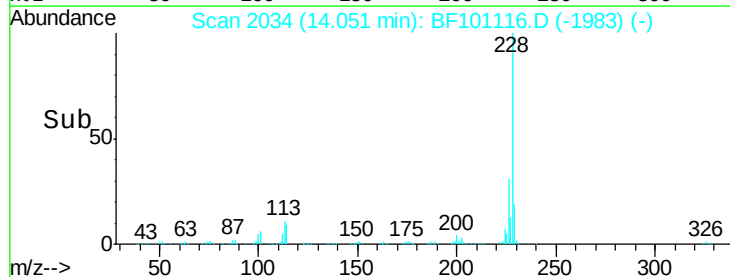
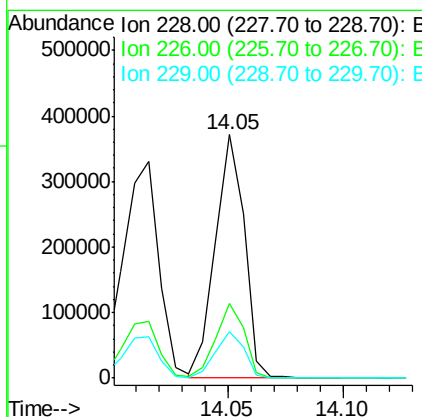
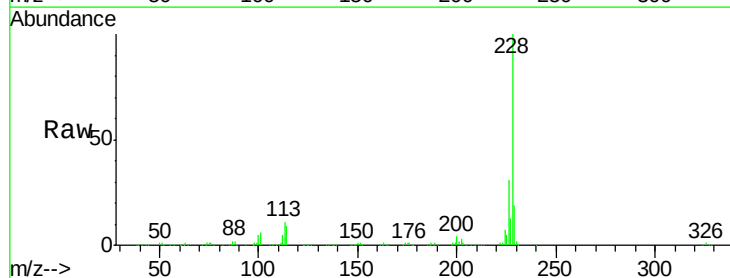
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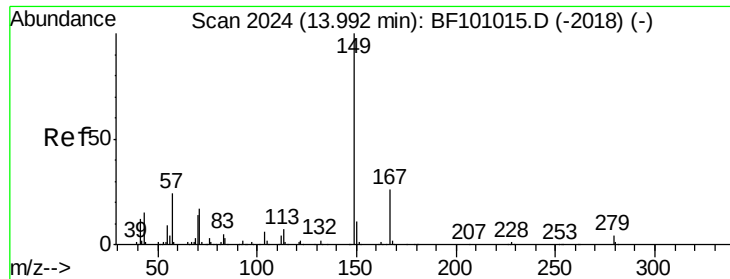
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#82
 Chrysene
 Concen: 38.740 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	19.2	16.2	24.4





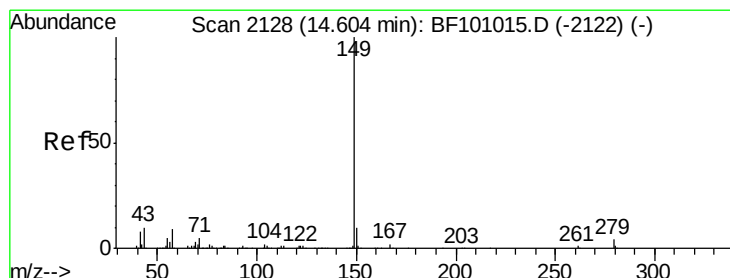
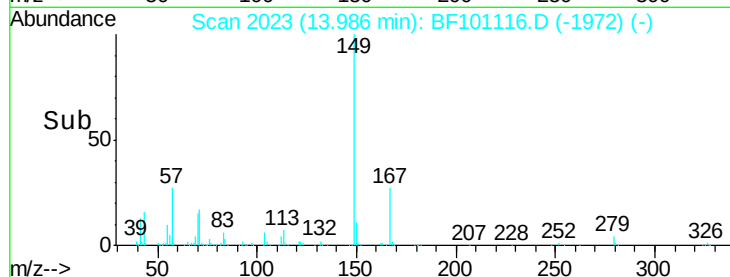
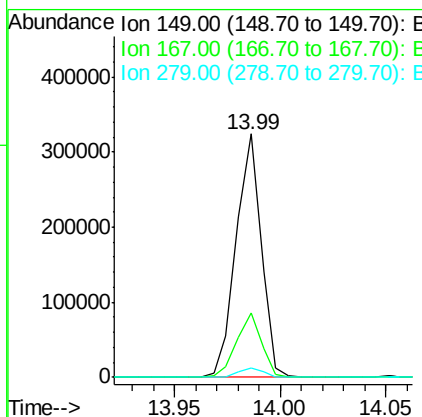
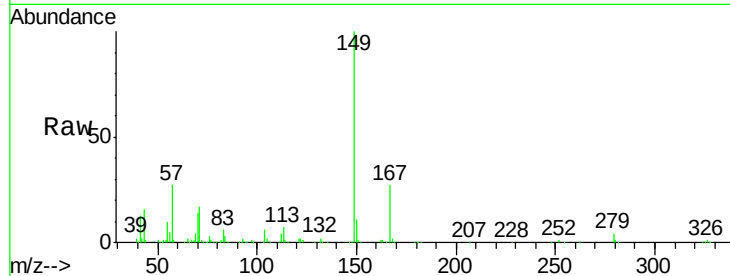
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.018 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.00 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

Instrument :
 BNA_F
 ClientSampleId :
 PB104699BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	265611		
167	26.7	21.3	31.9	
279	3.8	3.0	4.4	

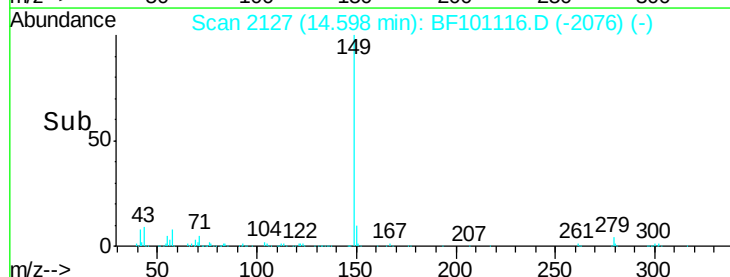
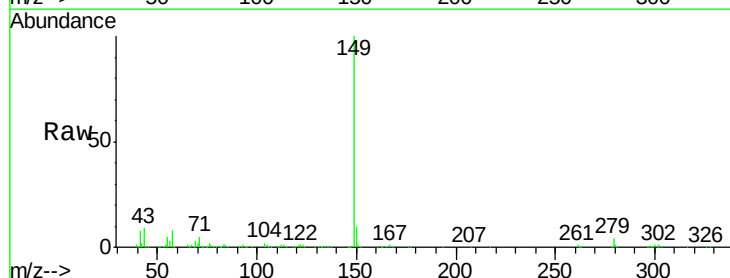
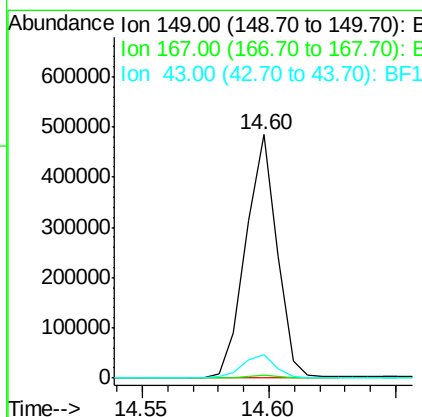
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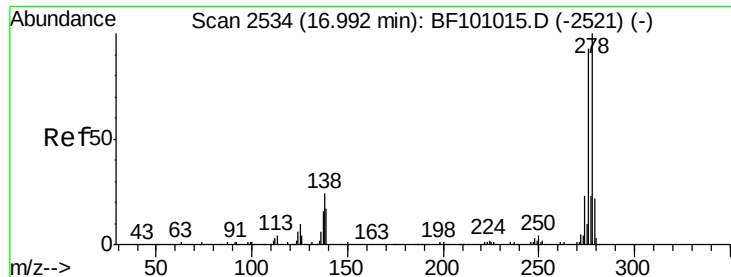
Sohil
 12/6/2017 5:12:15 PM



#84
 Di-n-octyl phthalate
 Concen: 40.436 ng
 RT: 14.60 min Scan# 2127
 Delta R.T. 0.00 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	415707		
167	1.5	1.2	1.8	
43	9.5	8.4	12.6	





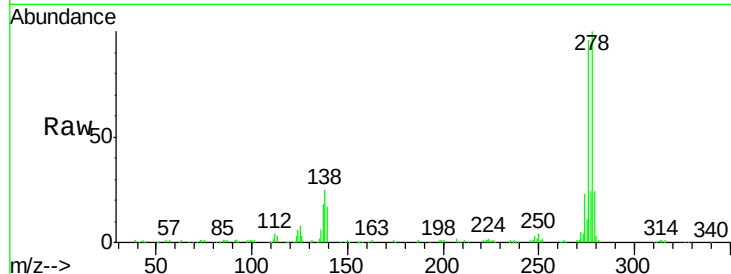
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.070 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.02 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Instrument :
BNA_F
ClientSampled :
PB104699BS

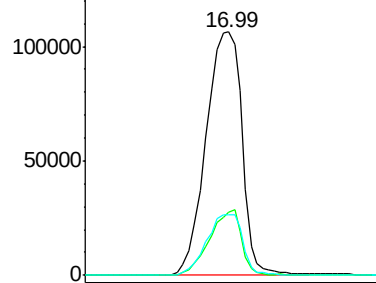
Tot Ion	Ratio	Resp	Lower	Upper
276	100	275074		
138	23.9	25.0	37.6#	
277	24.9	20.1	30.1	

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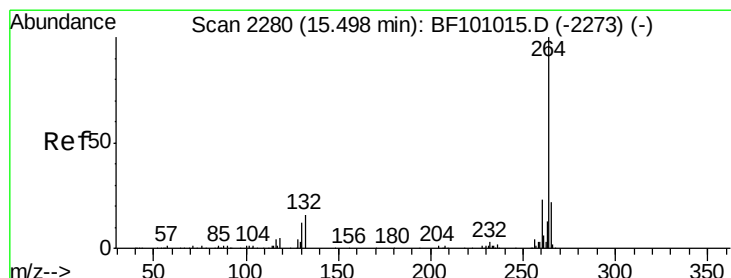
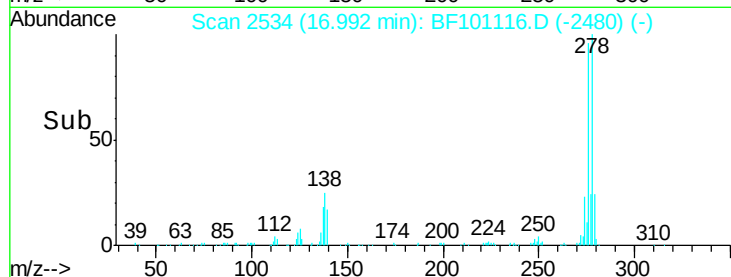
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

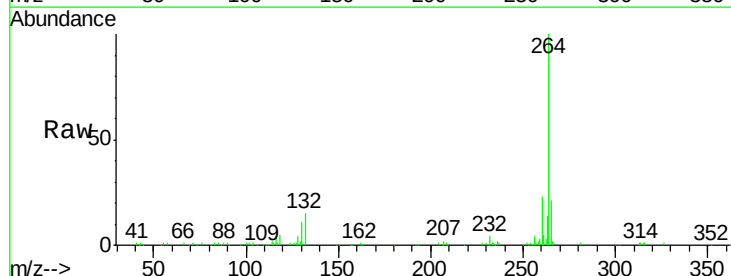


Time-->

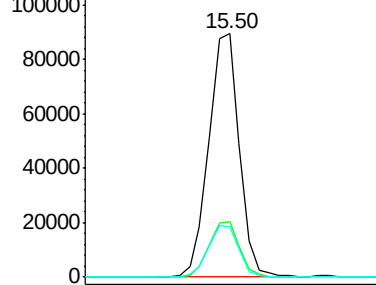


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

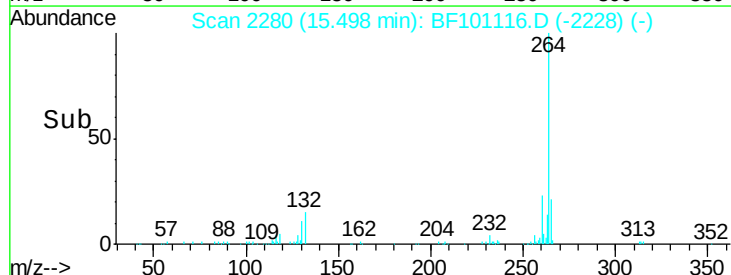
Tgt Ion	Ratio	Resp	Lower	Upper
264	100	112568		
260	23.0	19.2	28.8	
265	20.6	17.5	26.3	

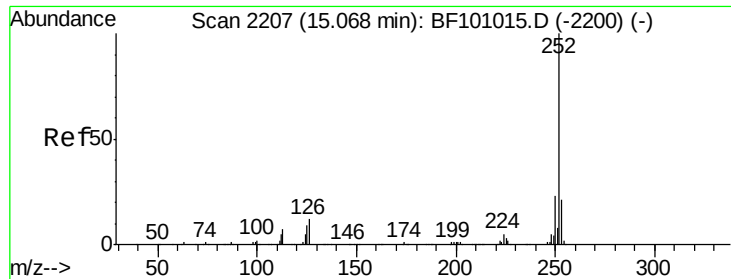


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time-->





#87

Benzo(b)fluoranthene

Concen: 38.996 ng

RT: 15.07 min Scan# 2207

Delta R.T. 0.01 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

Instrument :

BNA_F

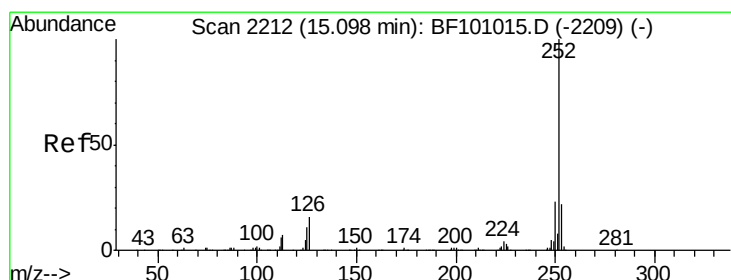
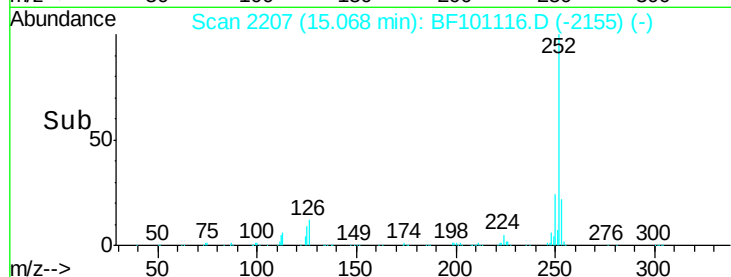
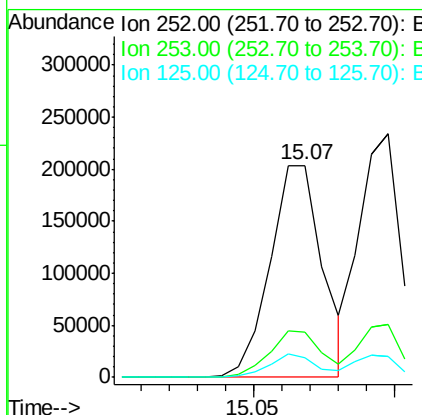
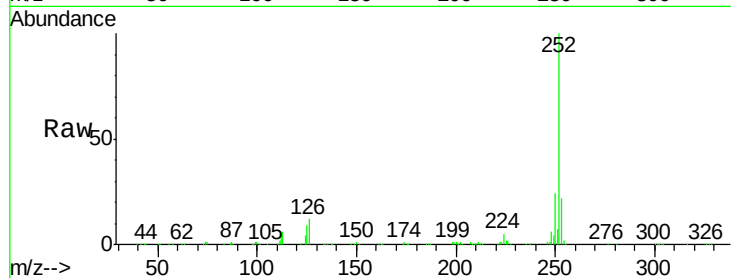
ClientSampleId :

PB104699BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	9.1	9.0	13.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 35.740 ng

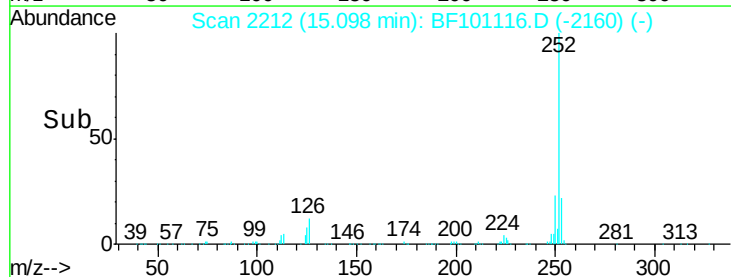
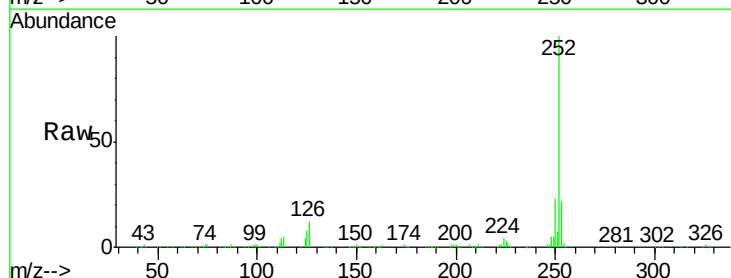
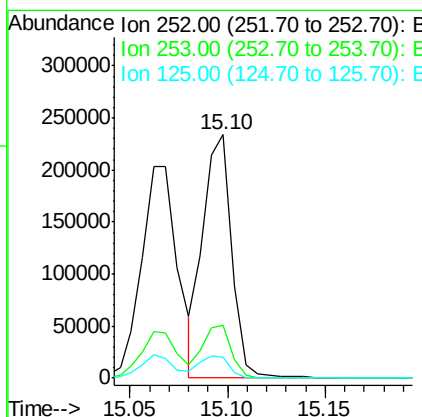
RT: 15.10 min Scan# 2212

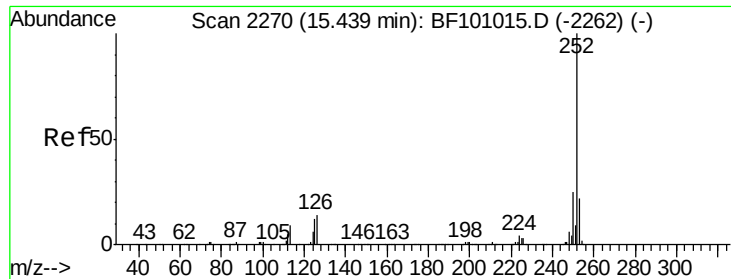
Delta R.T. 0.01 min

Lab File: BF101116.D

Acq: 5 Dec 2017 11:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	8.4	10.2	15.2#





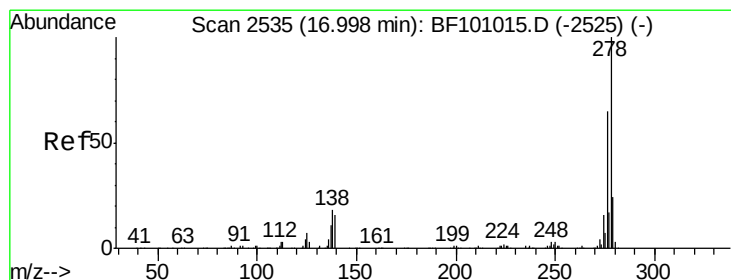
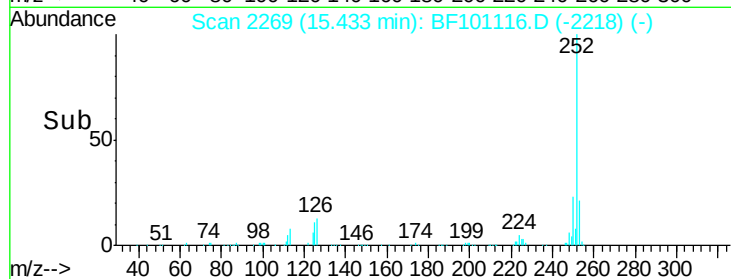
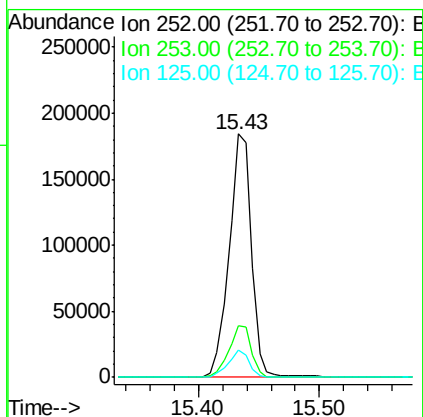
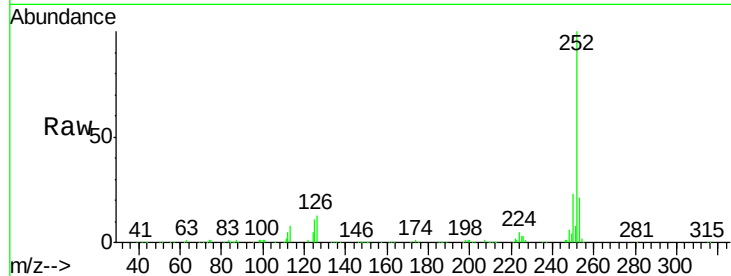
#89
Benzo(a)pyrene
Concen: 38.764 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Instrument :
BNA_F
ClientSampleId :
PB104699BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.1	25.7
125	11.2	9.8	14.6

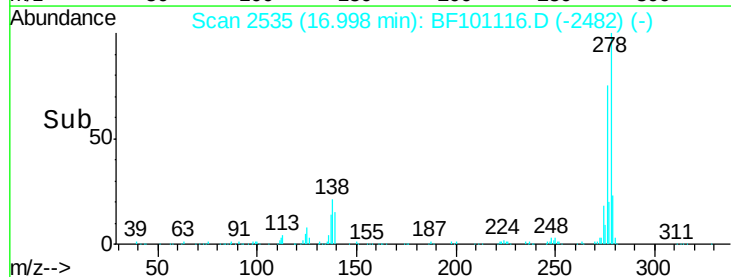
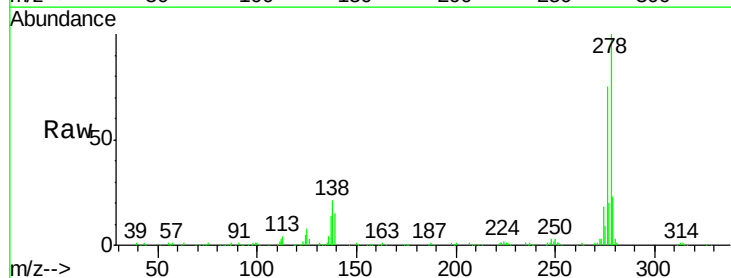
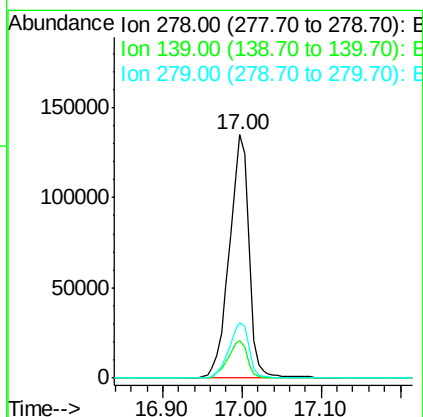
Manual Integrations
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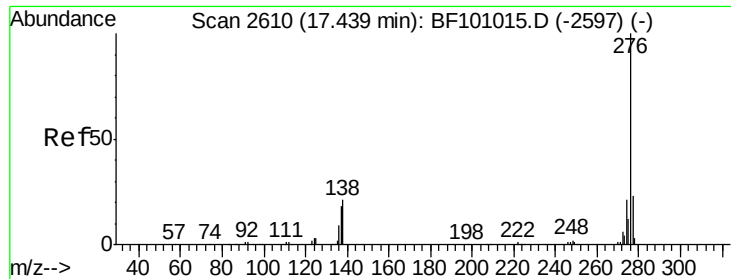
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 42.775 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.01 min
Lab File: BF101116.D
Acq: 5 Dec 2017 11:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.4	15.9	23.9#
279	22.7	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 44.802 ng
 RT: 17.44 min Scan# 2610
 Delta R.T. 0.01 min
 Lab File: BF101116.D
 Acq: 5 Dec 2017 11:33

Instrument :
 BNA_F
 ClientSampleId :
 PB104699BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.5	17.9	26.9
138	20.3	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 12/6/2017 5:12:15 PM

