

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
 Data File : BF096907.D
 Acq On : 20 Jul 2017 15:53
 Operator : SJ/JU
 Sample : IDOC-S-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-S-04

Manual Integrations
 APPROVED

Sohil
 7/21/2017 1:05:48 PM

Quant Time: Jul 21 06:32:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	83950	20.00	ng	-0.03
21) Naphthalene-d8	7.85	136	357148	20.00	ng	-0.04
38) Acenaphthene-d10	9.60	164	160462	20.00	ng	-0.03
63) Phenanthrene-d10	11.07	188	293243	20.00	ng	-0.03
75) Chrysene-d12	13.71	240	213575	20.00	ng	-0.02
86) Perylene-d12	15.07	264	187006	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.18	112	641137	114.83	ng	-0.02
7) Phenol-d6	6.23	99	758491	113.21	ng	-0.02
23) Nitrobenzene-d5	7.13	82	444490	77.09	ng	-0.04
41) 2,4,6-Tribromophenol	10.39	330	173678	126.80	ng	-0.03
44) 2-Fluorobiphenyl	8.93	172	853971	84.08	ng	-0.03
78) Terphenyl-d14	12.66	244	761679	61.85	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.20	88	95668	33.300	ng	# 72
3) Pyridine	2.85	79	213801	35.411	ng	# 59
4) n-Nitrosodimethylamine	2.79	42	134888	39.949	ng	# 83
6) Aniline	6.23	93	171582	20.790	ng	# 1
8) 2-Chlorophenol	6.36	128	229262	38.062	ng	# 97
9) Benzaldehyde	6.11	77	107870	27.855	ng	# 99
10) Phenol	6.24	94	278884	36.820	ng	# 98
11) bis(2-Chloroethyl)ether	6.31	93	212065	37.232	ng	# 91
12) 1,3-Dichlorobenzene	6.51	146	240187	37.514	ng	# 100
13) 1,4-Dichlorobenzene	6.59	146	244005	37.632	ng	# 97
14) 1,2-Dichlorobenzene	6.74	146	229960	38.993	ng	# 97
15) Benzyl Alcohol	6.72	79	183652	41.867	ng	# 98
16) 2,2'-oxybis(1-Chloropropan	6.86	45	421871	35.889	ng	# 95
17) 2-Methylphenol	6.85	107	185113	39.521	ng	# 94
18) Hexachloroethane	7.08	117	87667	38.130	ng	# 83
19) n-Nitroso-di-n-propylamine	6.99	70	149787	37.108	ng	# 83
20) 3+4-Methylphenols	7.00	107	236214	41.559	ng	# 65
22) Acetophenone	6.98	105	309004	38.711	ng	# 96
24) Nitrobenzene	7.15	77	223293	37.444	ng	# 93
25) Isophorone	7.40	82	399001	37.198	ng	# 95
26) 2-Nitrophenol	7.47	139	130448	39.341	ng	# 87
27) 2,4-Dimethylphenol	7.52	122	211893	38.844	ng	# 95
28) bis(2-Chloroethoxy)methane	7.61	93	267695	36.933	ng	# 98
29) 2,4-Dichlorophenol	7.72	162	196391	39.773	ng	# 99
30) 1,2,4-Trichlorobenzene	7.80	180	181919	38.749	ng	# 98
31) Naphthalene	7.87	128	657005	38.833	ng	# 99
32) Benzoic acid	7.67	122	126391	36.251	ng	# 96
33) 4-Chloroaniline	7.93	127	122471	18.270	ng	# 94
34) Hexachlorobutadiene	8.00	225	93404	37.268	ng	# 98
35) Caprolactam	8.30	113	70017m	44.254	ng	# 98
36) 4-Chloro-3-methylphenol	8.43	107	207696	39.119	ng	# 91
37) 2-Methylnaphthalene	8.56	142	454987	42.182	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	162078	37.365	ng	# 99
40) Hexachlorocyclopentadiene	8.72	237	132318	81.037	ng	# 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.85	196	122120	38.167	nq	98
43) 2,4,5-Trichlorophenol	8.89	196	131236	40.669	nq	97
45) 1,1'-Biphenyl	9.03	154	512016	37.205	nq	97
46) 2-Chloronaphthalene	9.05	162	403371	39.805	nq	94
47) 2-Nitroaniline	9.15	65	146403	42.030	nq	92
48) Acenaphthylene	9.46	152	643334	39.844	nq	99
49) Dimethylphthalate	9.34	163	479943	39.723	nq	99
50) 2,6-Dinitrotoluene	9.40	165	107764	41.178	nq #	92
51) Acenaphthene	9.63	154	369247	38.712	nq	98
52) 3-Nitroaniline	9.56	138	72239	23.301	nq	92
53) 2,4-Dinitrophenol	9.67	184	96126	74.673	nq #	76
54) Dibenzofuran	9.81	168	555756	41.579	nq	100
55) 4-Nitrophenol	9.75	139	170457	75.258	nq #	64
56) 2,4-Dinitrotoluene	9.80	165	139184	41.388	nq #	72
57) Fluorene	10.15	166	423216	42.848	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	101607	45.402	nq #	97
59) Diethylphthalate	10.03	149	465551	39.581	nq	99
60) 4-Chlorophenyl-phenylether	10.15	204	173367	41.504	nq	94
61) 4-Nitroaniline	10.17	138	128054	43.985	nq	92
62) Azobenzene	10.30	77	435618	41.982	nq	92
64) 4,6-Dinitro-2-methylphenol	10.22	198	71884	39.043	nq #	73
65) n-Nitrosodiphenylamine	10.26	169	402534	38.401	nq	99
66) 4-Bromophenyl-phenylether	10.63	248	112056	37.428	nq	94
67) Hexachlorobenzene	10.70	284	122598	36.767	nq #	90
68) Atrazine	10.80	200	121480	40.678	nq	95
69) Pentachlorophenol	10.90	266	112430	69.794	nq	97
70) Phenanthrene	11.10	178	649832	40.756	nq	99
71) Anthracene	11.16	178	674765	41.856	nq	98
72) Carbazole	11.31	167	663677	42.512	nq	99
73) Di-n-butylphthalate	11.65	149	751742	38.665	nq	99
74) Fluoranthene	12.29	202	683308	44.772	nq	99
76) Benzidine	12.41	184	241926	34.577	nq #	92
77) Pyrene	12.51	202	702316	36.233	nq	100
79) Butylbenzylphthalate	13.14	149	340543	36.977	nq #	80
80) Benzo(a)anthracene	13.70	228	561930	42.227	nq	99
81) 3,3'-Dichlorobenzidine	13.66	252	123194	25.744	nq #	95
82) Chrysene	13.73	228	547578	41.798	nq	98
83) Bis(2-ethylhexyl)phthalate	13.71	149	407930	36.372	nq #	99
84) Di-n-octyl phthalate	14.32	149	770141	41.541	nq	96
85) Indeno(1,2,3-cd)pyrene	16.34	276	430019	35.826	nq	99
87) Benzo(b)fluoranthene	14.70	252	516070	45.757	nq	96
88) Benzo(k)fluoranthene	14.73	252	415295	38.885	nq	95
89) Benzo(a)pyrene	15.02	252	432463	41.806	nq	100
90) Dibenzo(a,h)anthracene	16.36	278	351734	36.953	nq	97
91) Benzo(g,h,i)perylene	16.73	276	376902	36.977	nq	97

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

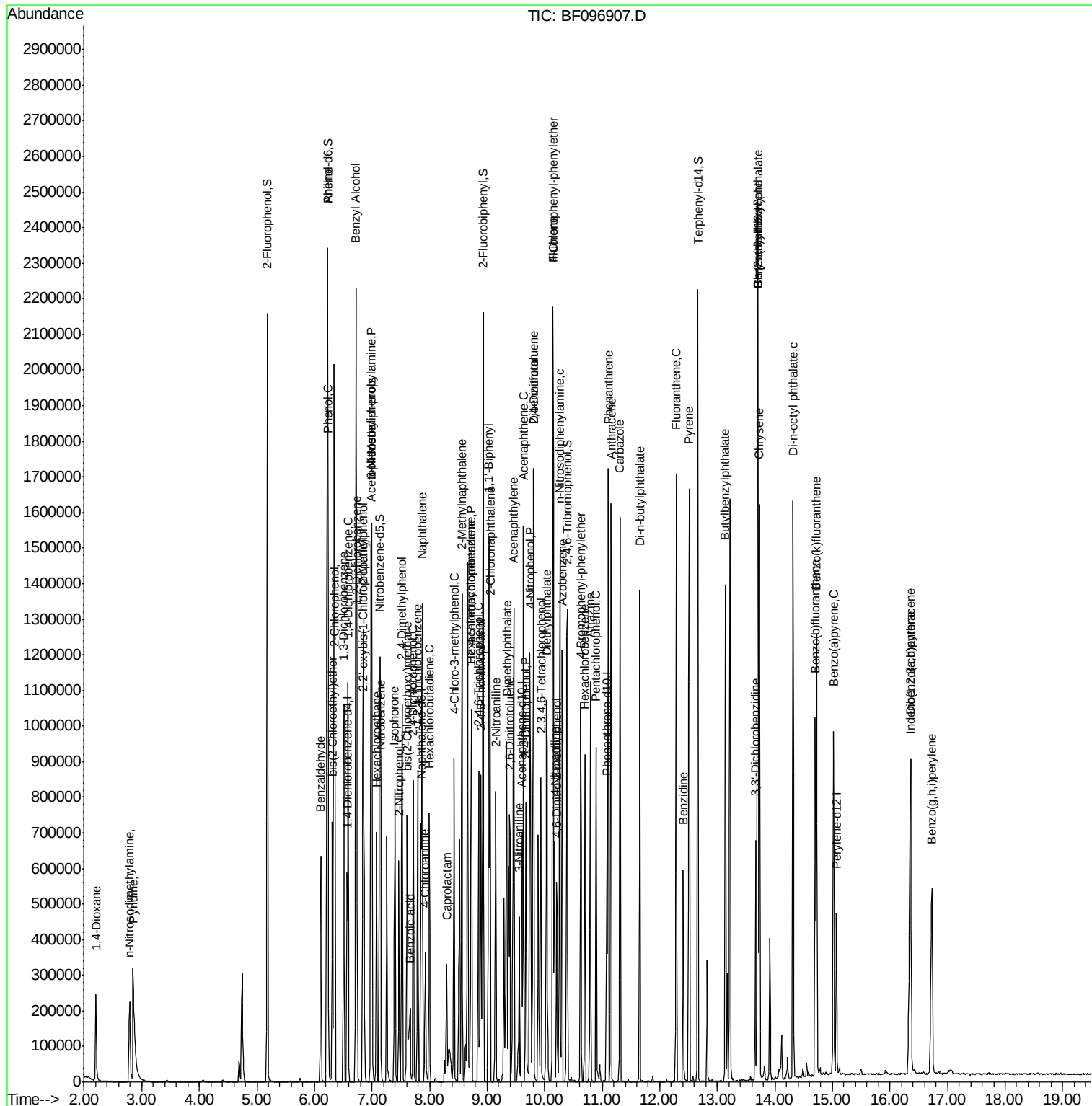
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
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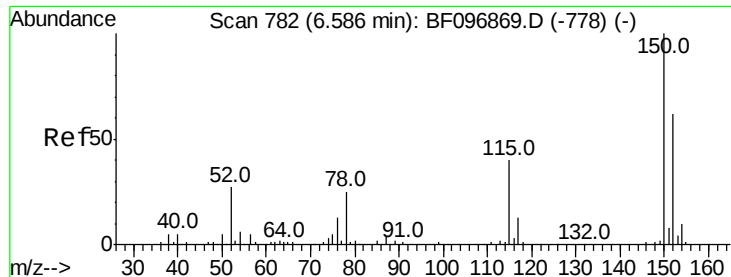
Instrument :
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ClientSampleId :
IDOC-S-04

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#1

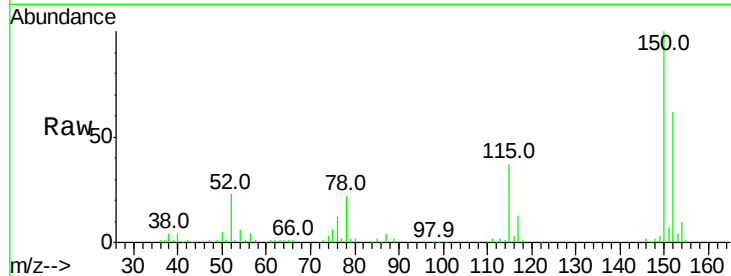
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.57 min Scan# 779
Delta R.T. -0.03 min
Lab File: BF096907.D
Acq: 20 Jul 2017 15:53

Instrument :
BNA_F
ClientSampleId :
IDOC-S-04

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	126.2	189.2
115	59.8	52.2	78.2

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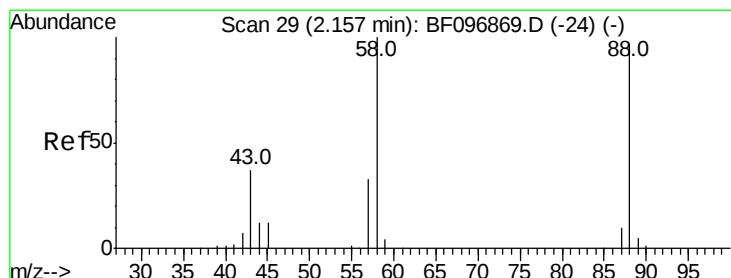
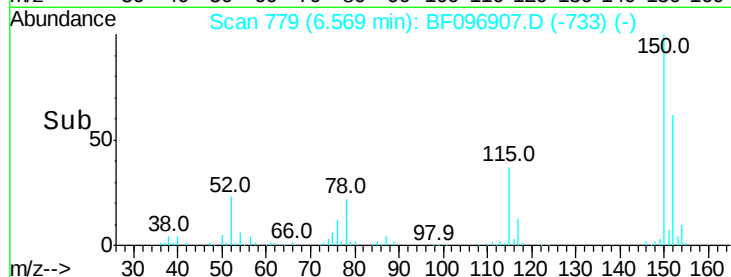
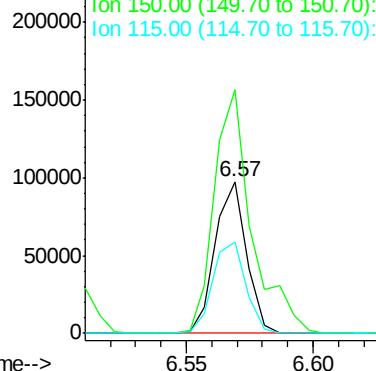


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

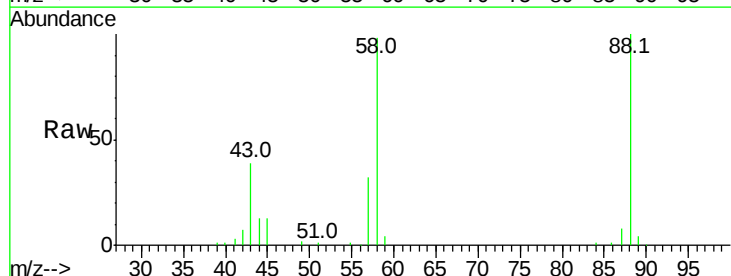
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.300 ng
RT: 2.20 min Scan# 37
Delta R.T. 0.02 min
Lab File: BF096907.D
Acq: 20 Jul 2017 15:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.3	61.4	92.0#
43	42.6	23.4	35.0#

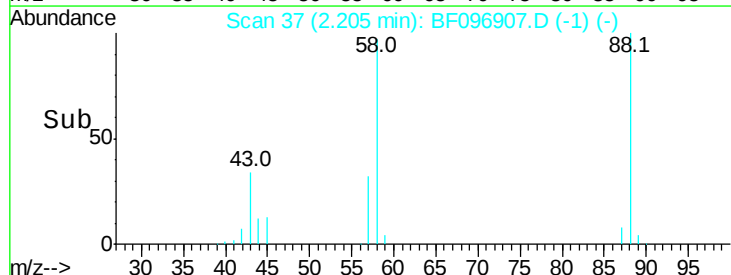
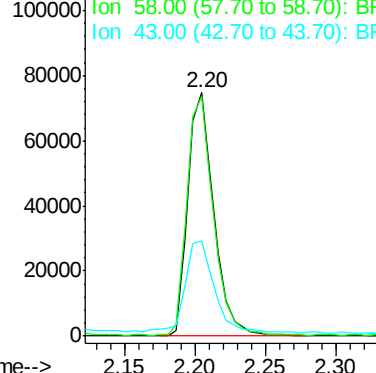


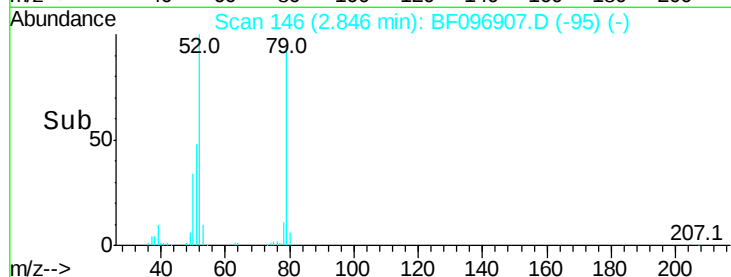
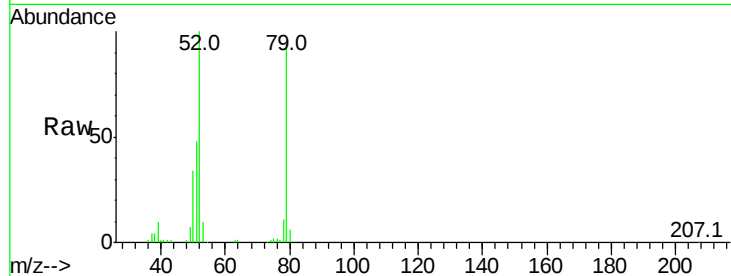
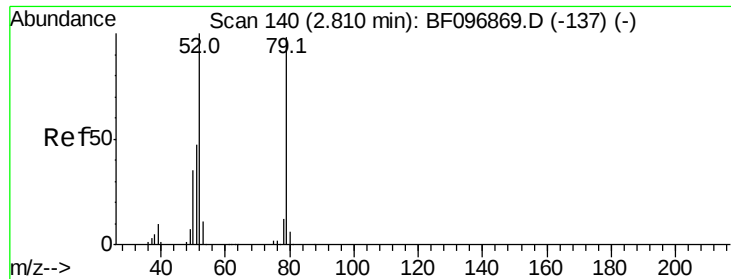
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





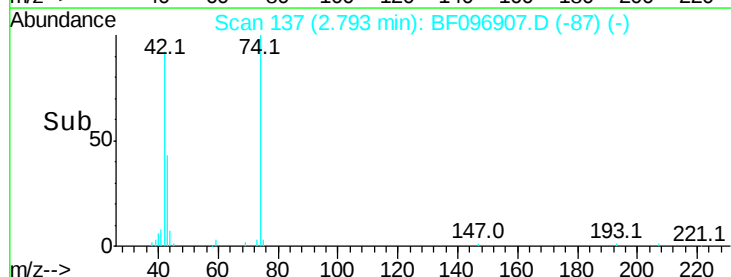
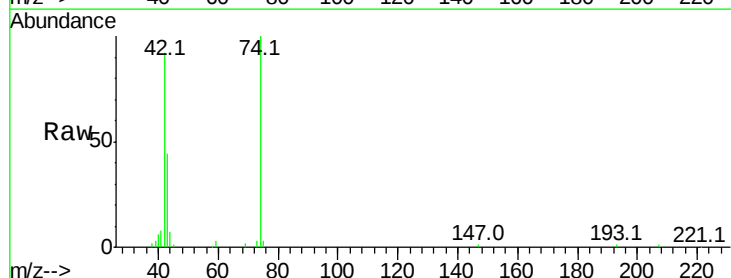
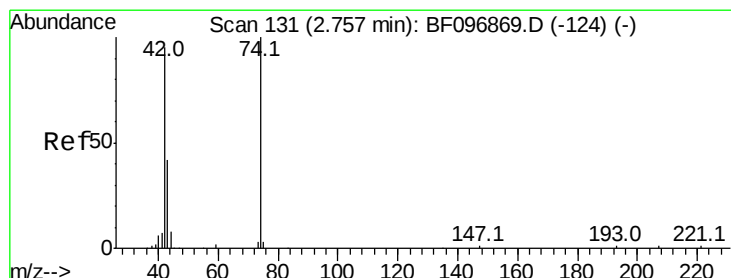
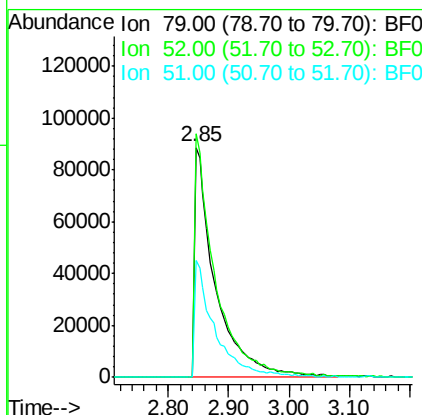
#3
 Pvridine
 Concen: 35.411 ng
 RT: 2.85 min Scan# 146
 Delta R.T. 0.00 min
 Lab File: BF096907.D
 Acq: 20 Jul 2017 15:53

Tot Ion	Ratio	Lower	Upper
79	100		
52	106.0	54.8	82.2#
51	51.1	27.0	40.4#

Instrument :
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 IDOC-S-04

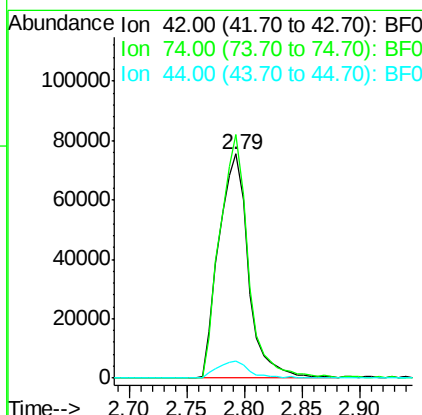
Manual Integrations
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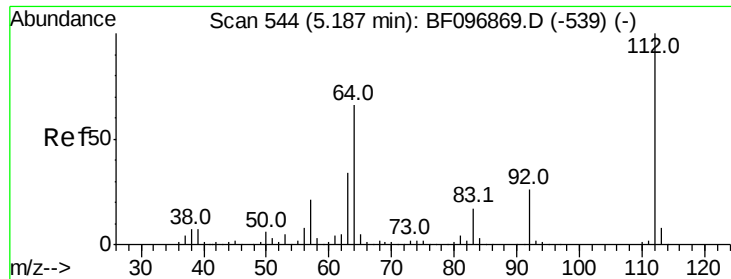
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#4
 n-Nitrosodimethylamine
 Concen: 39.949 ng
 RT: 2.79 min Scan# 137
 Delta R.T. -0.01 min
 Lab File: BF096907.D
 Acq: 20 Jul 2017 15:53

Tgt Ion	Ratio	Lower	Upper
42	100		
74	108.6	103.9	155.9
44	7.6	5.7	8.5





#5

2-Fluorophenol

Concen: 114.831 ng

RT: 5.18 min Scan# 543

Delta R.T. -0.02 min

Lab File: BF096907.D

Acq: 20 Jul 2017 15:53

Instrument :

BNA_F

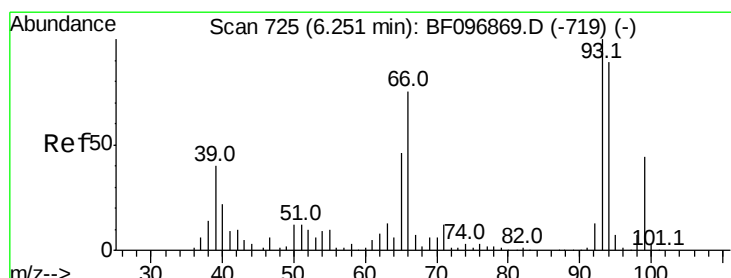
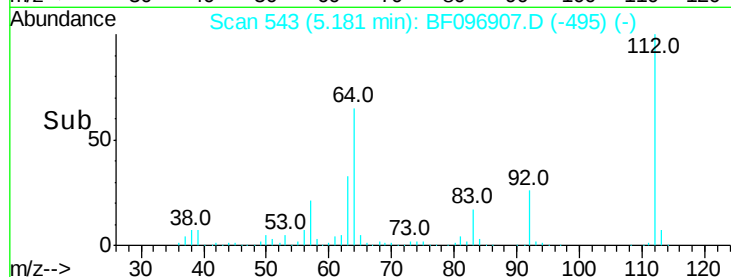
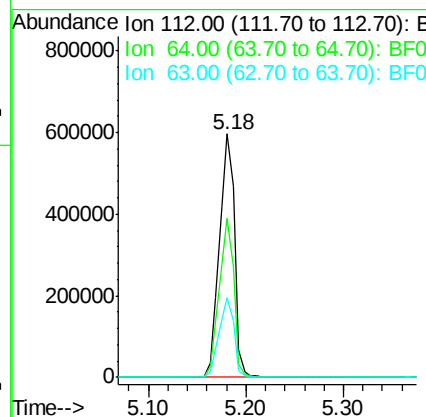
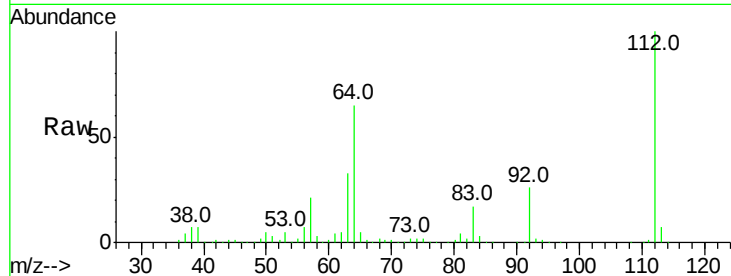
ClientSampleId :

IDOC-S-04

Tot Ion:	112	Resp:	641137
Ion Ratio	Lower	Upper	
112	100		
64	65.3	46.0	69.0
63	33.0	23.4	35.0

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#6

Aniline

Concen: 20.790 ng

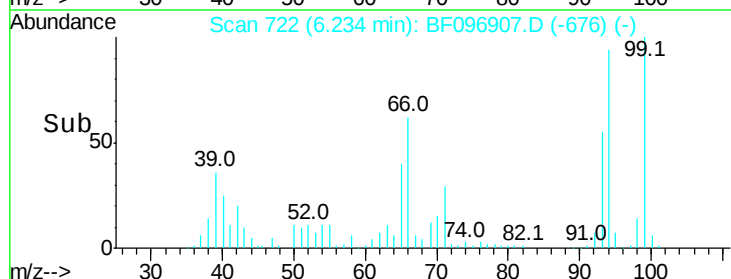
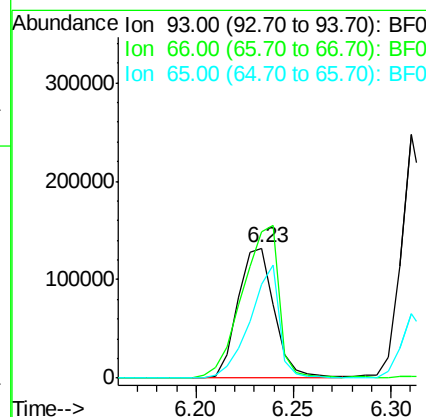
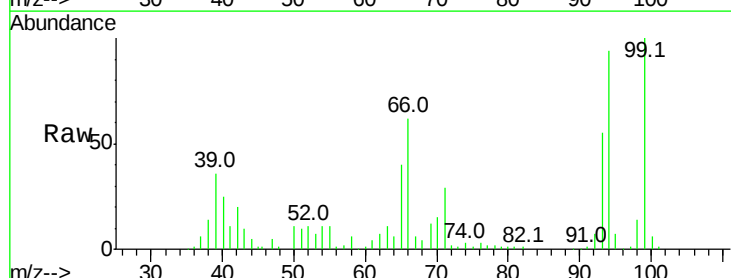
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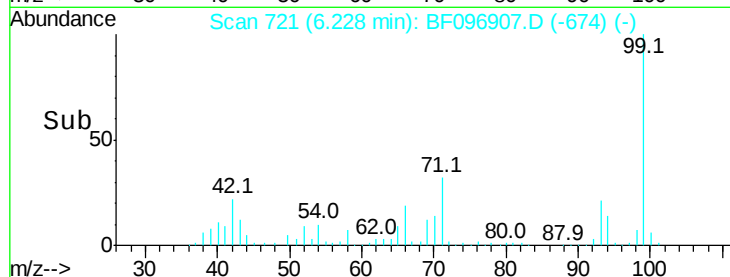
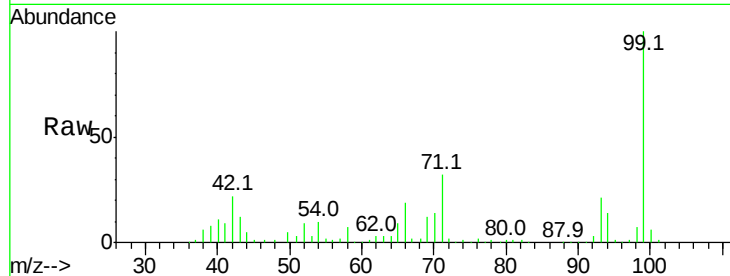
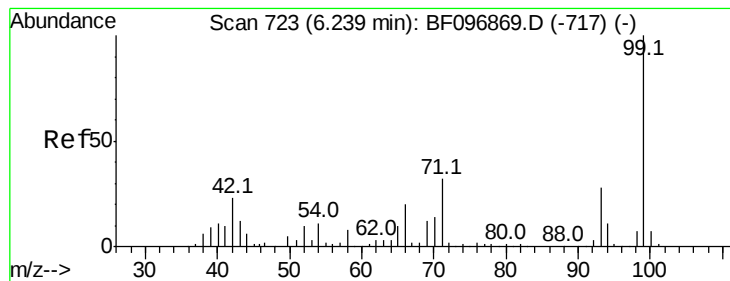
Delta R.T. -0.03 min

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Tgt Ion:	93	Resp:	171582
Ion Ratio	Lower	Upper	
93	100		
66	113.1	32.9	49.3#
65	72.7	16.0	24.0#





#7

Phenol-d6

Concen: 113.205 ng

RT: 6.23 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096907.D

Acq: 20 Jul 2017 15:53

Tot Ion:	99	Resp:	758491
Ion Ratio	Lower	Upper	
99	100		
42	22.2	13.5	20.3#
71	32.4	24.5	36.7

Instrument :

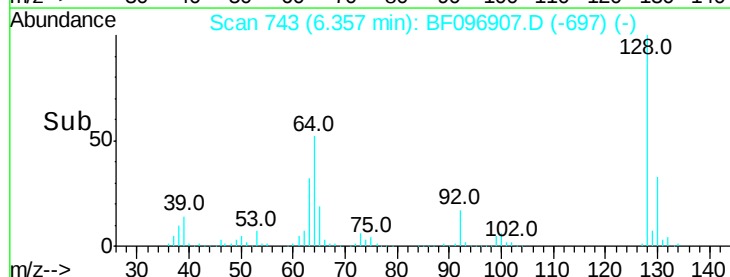
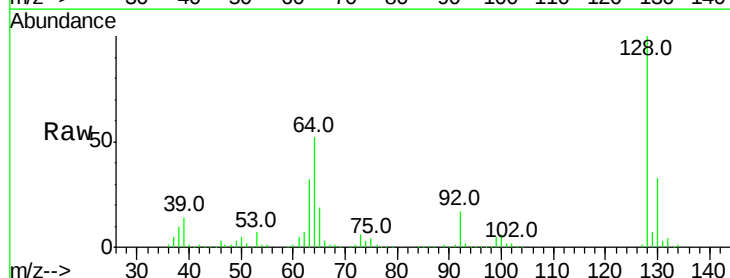
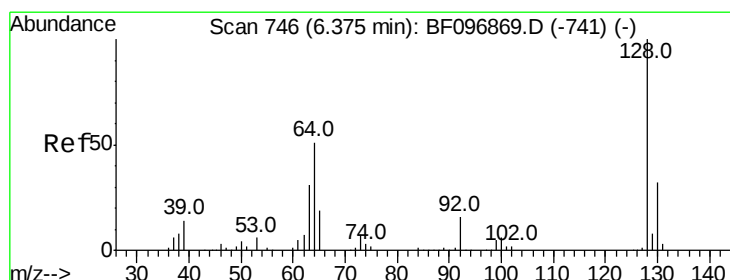
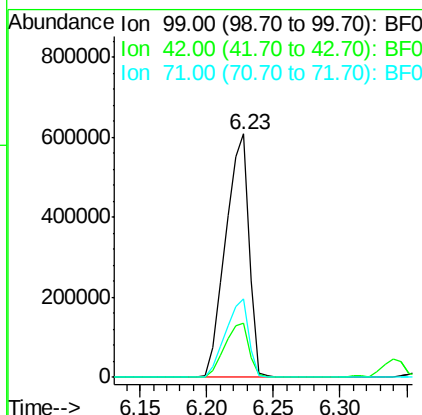
BNA_F

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IDOC-S-04

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#8

2-Chlorophenol

Concen: 38.062 ng

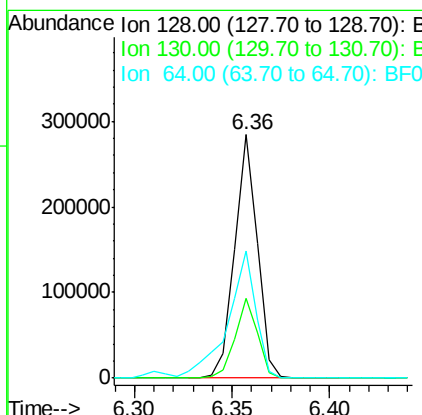
RT: 6.36 min Scan# 743

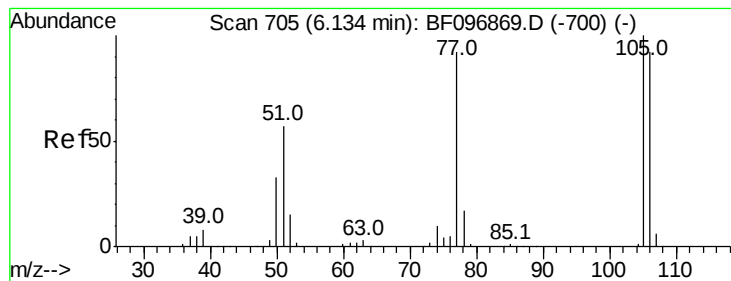
Delta R.T. -0.03 min

Lab File: BF096907.D

Acq: 20 Jul 2017 15:53

Tgt Ion:	128	Resp:	229262
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.9	52.9
64	52.0	28.4	68.4





#9

Benzaldehyde

Concen: 27.855 ng

RT: 6.11 min Scan# 701

Delta R.T. -0.04 min

Lab File: BF096907.D

Acq: 20 Jul 2017 15:53

Instrument :

BNA_F

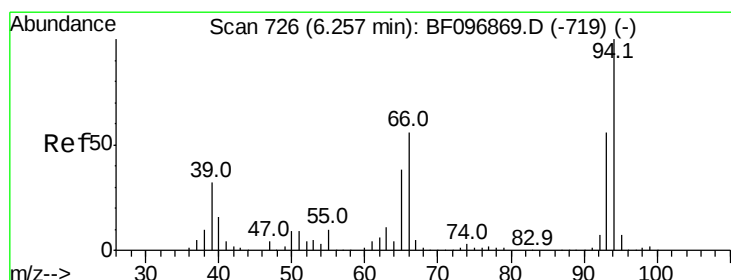
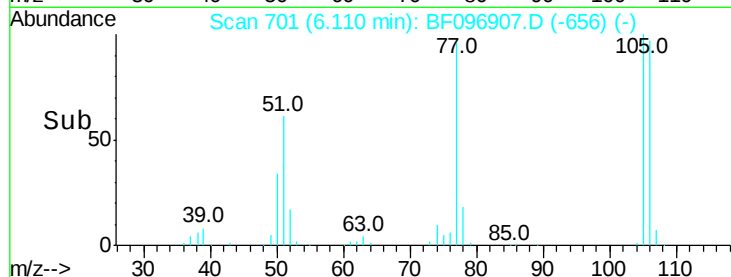
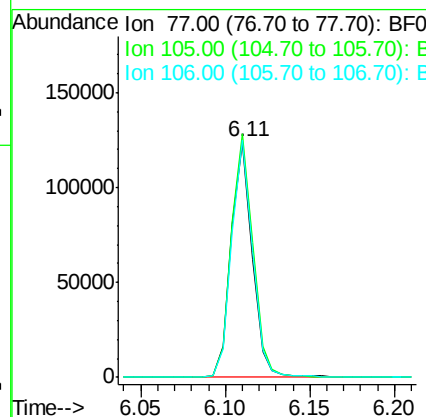
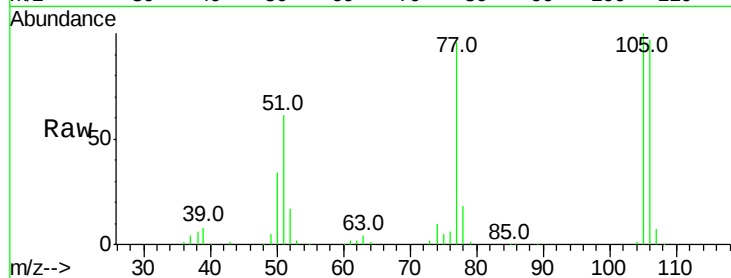
ClientSampleId :

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Tot Ion:	77	Resp:	107870
Ion	Ratio	Lower	Upper
77	100		
105	103.8	83.8	123.8
106	101.2	79.1	119.1

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#10

Phenol

Concen: 36.820 ng

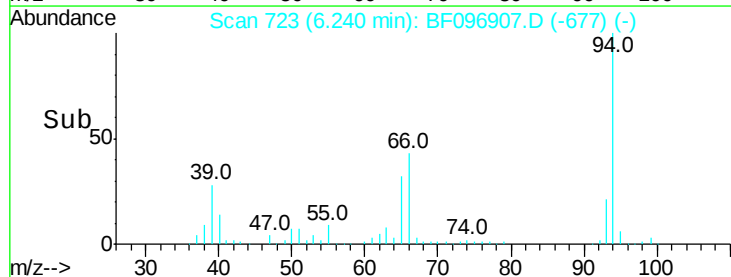
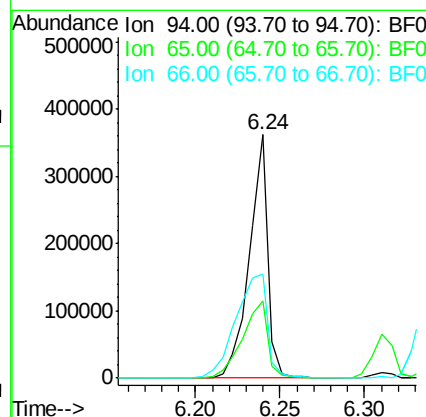
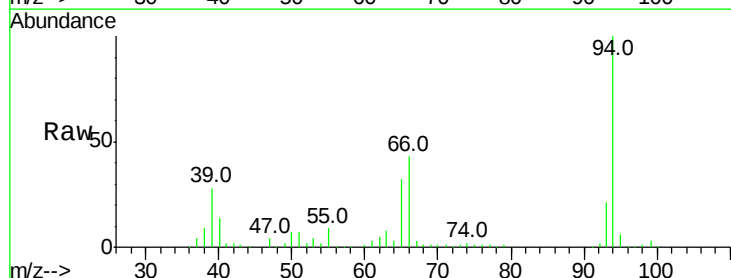
RT: 6.24 min Scan# 723

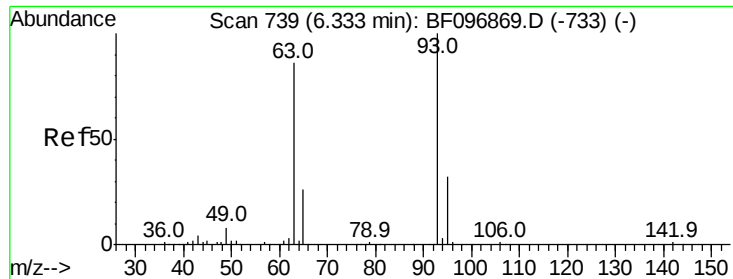
Delta R.T. -0.03 min

Lab File: BF096907.D

Acq: 20 Jul 2017 15:53

Tgt Ion:	94	Resp:	278884
Ion	Ratio	Lower	Upper
94	100		
65	31.8	9.9	49.9
66	42.8	23.1	63.1





#11

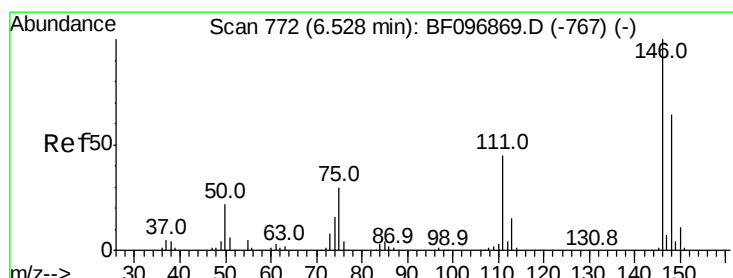
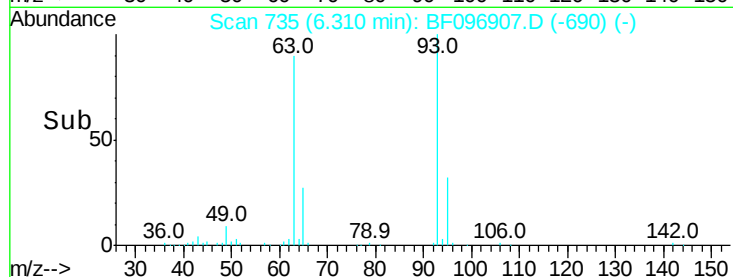
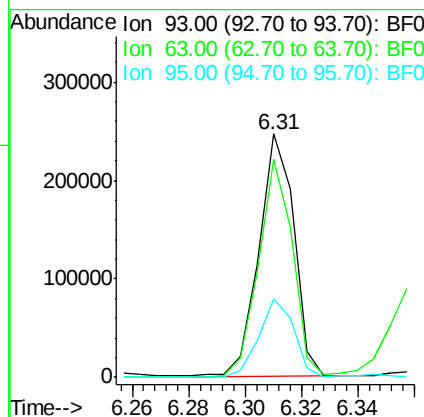
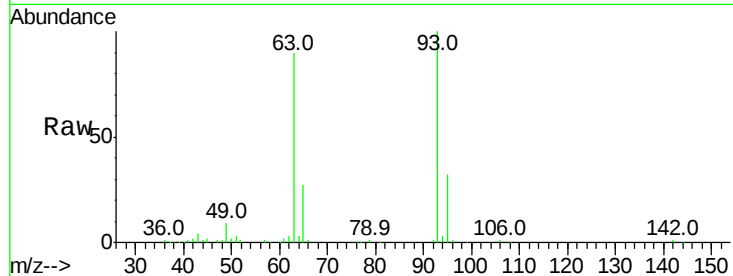
bis(2-Chloroethyl)ether
Concen: 37.232 ng
RT: 6.31 min Scan# 735
Delta R.T. -0.04 min
Lab File: BF096907.D
Acq: 20 Jul 2017 15:53

Instrument :
BNA_F
ClientSampleId :
IDOC-S-04

Tot Ion	93	Resp	212065
Ion Ratio	100	Lower	Upper
93	100		
63	89.6	59.2	99.2
95	32.4	12.8	52.8

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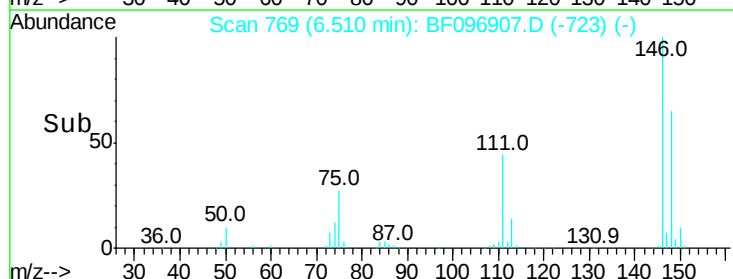
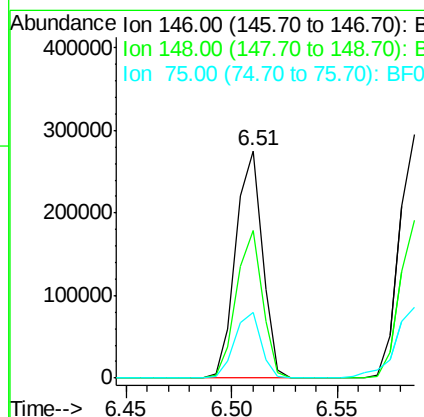
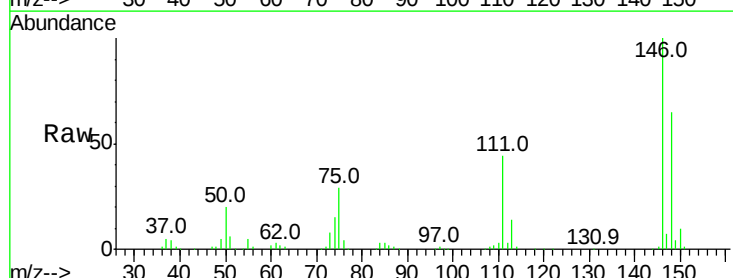
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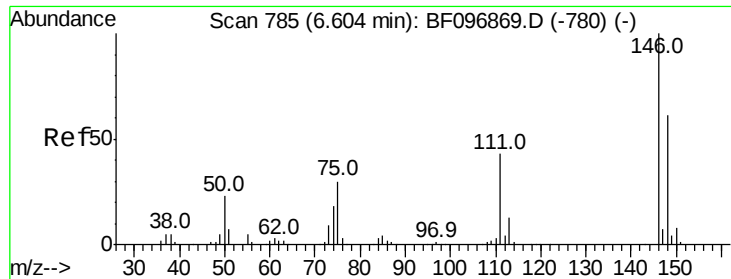


#12

1,3-Dichlorobenzene
Concen: 37.514 ng
RT: 6.51 min Scan# 769
Delta R.T. -0.03 min
Lab File: BF096907.D
Acq: 20 Jul 2017 15:53

Tgt Ion	146	Resp	240187
Ion Ratio	100	Lower	Upper
146	100		
148	65.1	51.8	77.6
75	28.8	23.1	34.7





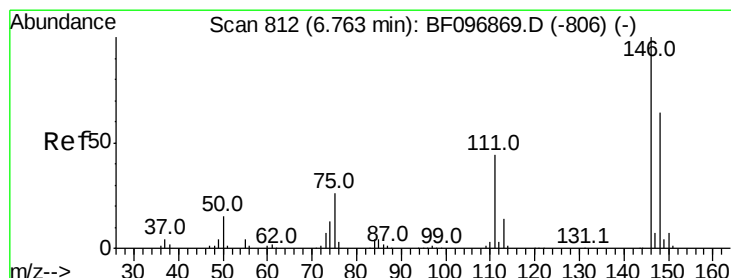
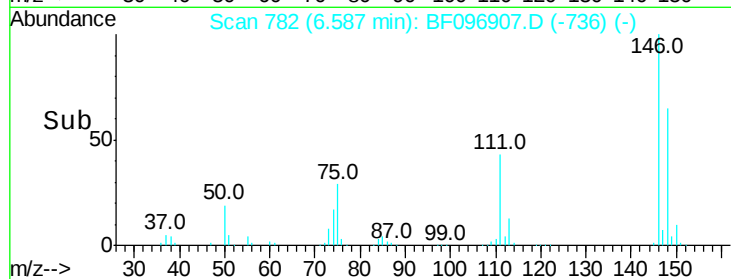
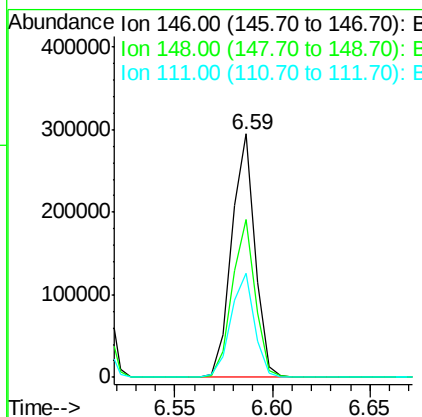
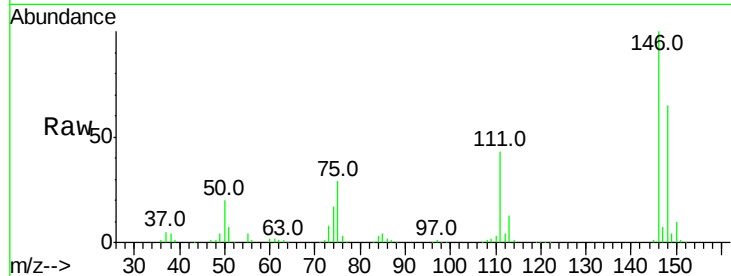
#13
 1,4-Dichlorobenzene
 Concen: 37.632 ng
 RT: 6.59 min Scan# 782
 Delta R.T. -0.03 min
 Lab File: BF096907.D
 Acq: 20 Jul 2017 15:53

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-S-04

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.2	78.2
111	42.7	30.3	45.5

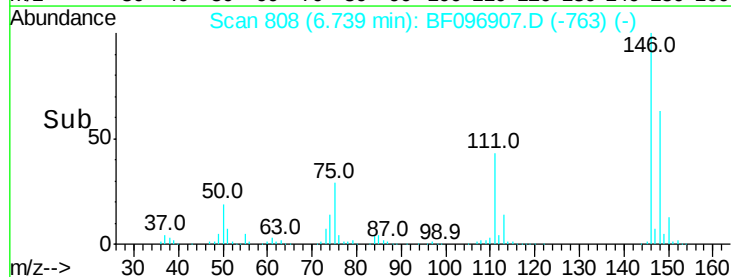
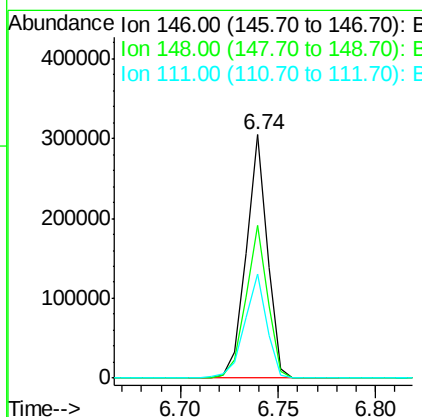
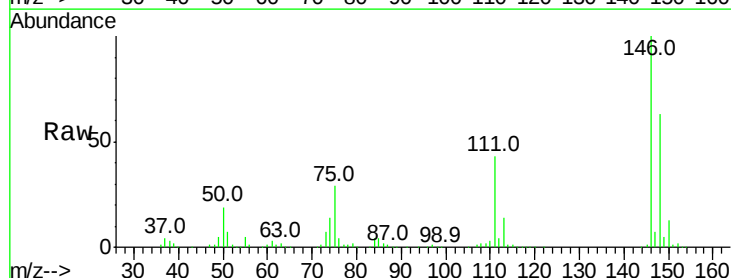
Manual Integrations
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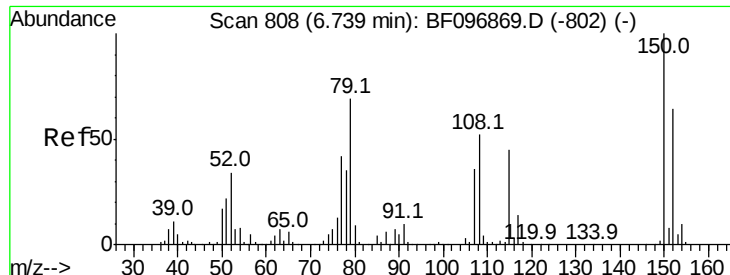
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#14
 1,2-Dichlorobenzene
 Concen: 38.993 ng
 RT: 6.74 min Scan# 808
 Delta R.T. -0.04 min
 Lab File: BF096907.D
 Acq: 20 Jul 2017 15:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.4	75.6
111	42.9	38.2	57.4





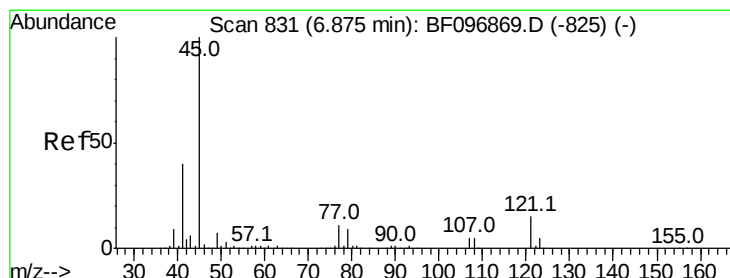
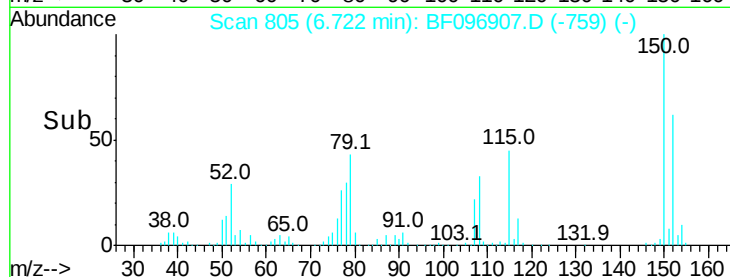
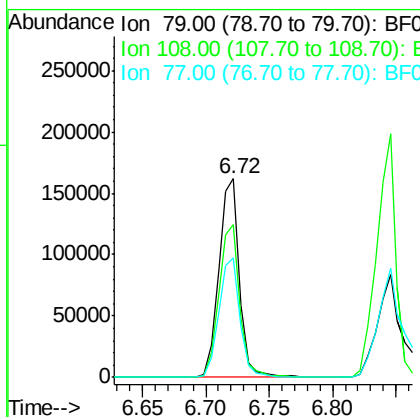
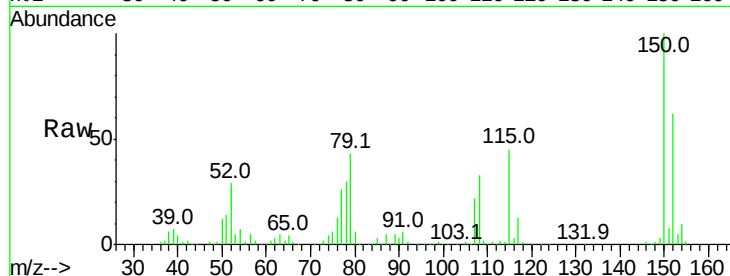
#15
Benzyl Alcohol
Concen: 41.867 ng
RT: 6.72 min Scan# 805
Delta R.T. -0.03 min
Lab File: BF096907.D
Acq: 20 Jul 2017 15:53

Instrument :
BNA_F
ClientSampled :
IDOC-S-04

Tot Ion: 79 Resp: 183652
Ion Ratio Lower Upper
79 100
108 77.1 63.4 95.0
77 60.3 49.2 73.8

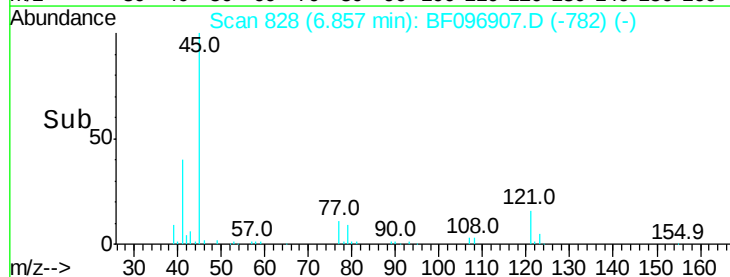
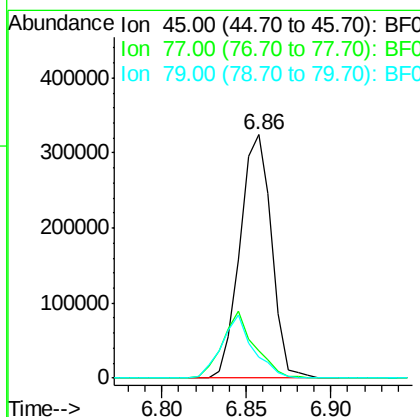
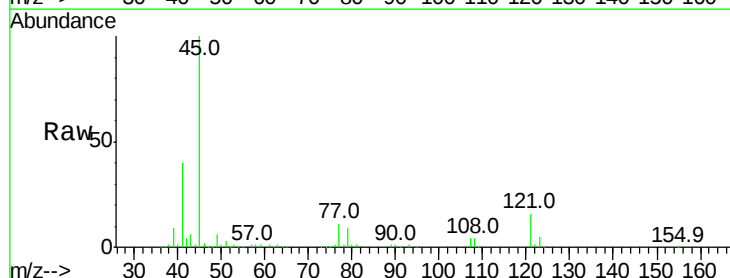
Manual Integrations
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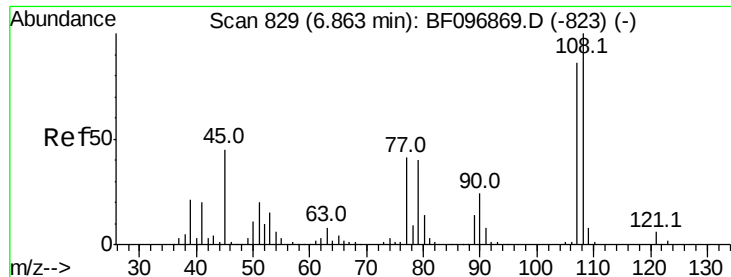
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#16
2,2'-oxybis(1-chloropropane)
Concen: 35.889 ng
RT: 6.86 min Scan# 828
Delta R.T. -0.03 min
Lab File: BF096907.D
Acq: 20 Jul 2017 15:53

Tgt Ion: 45 Resp: 421871
Ion Ratio Lower Upper
45 100
77 11.0 0.0 33.2
79 8.6 0.0 30.0





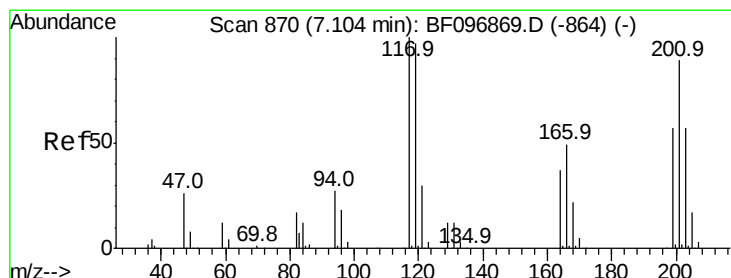
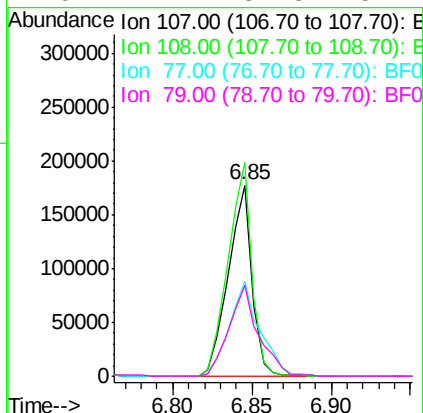
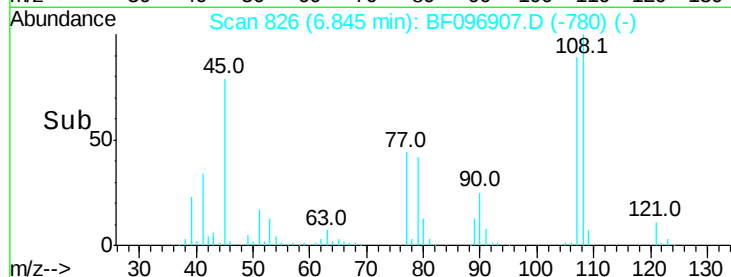
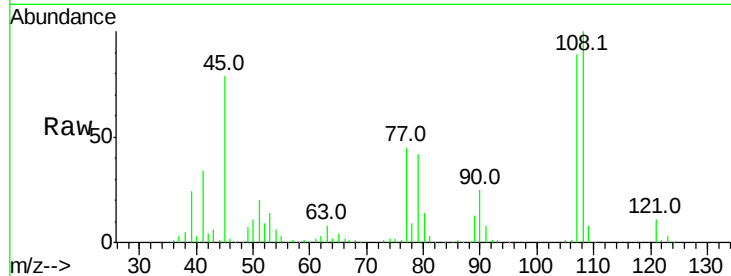
#17
2-Methylphenol
Concen: 39.521 ng
RT: 6.85 min Scan# 826
Delta R.T. -0.03 min
Lab File: BF096907.D
Acq: 20 Jul 2017 15:53

Instrument :
BNA_F
ClientSampleId :
IDOC-S-04

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.8	93.4	140.0
77	49.9	35.8	53.6
79	47.4	34.8	52.2

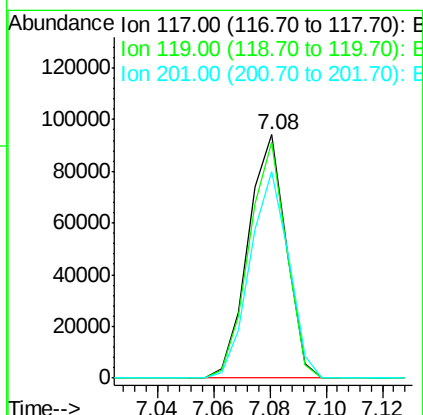
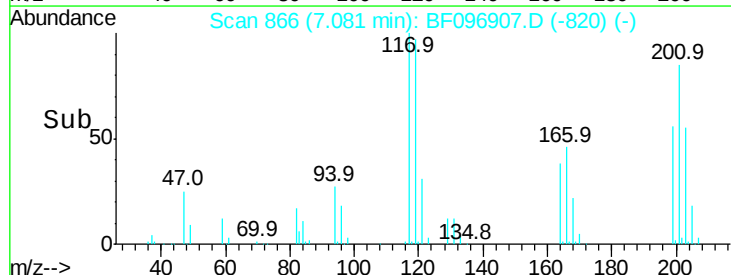
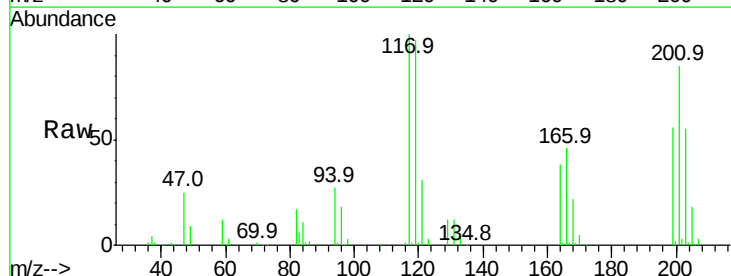
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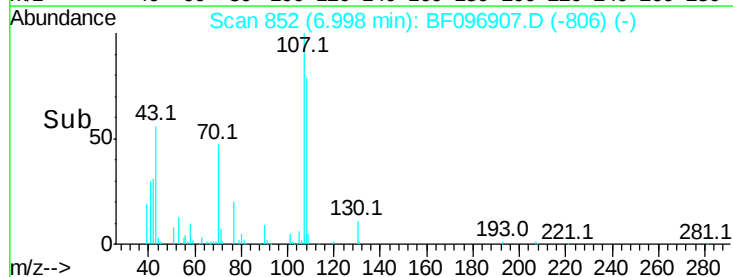
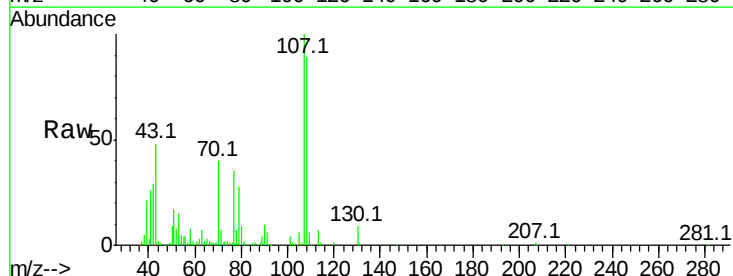
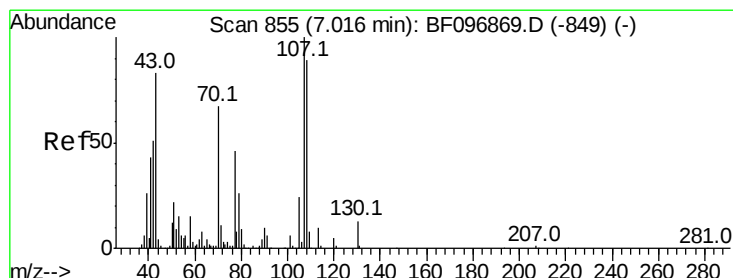
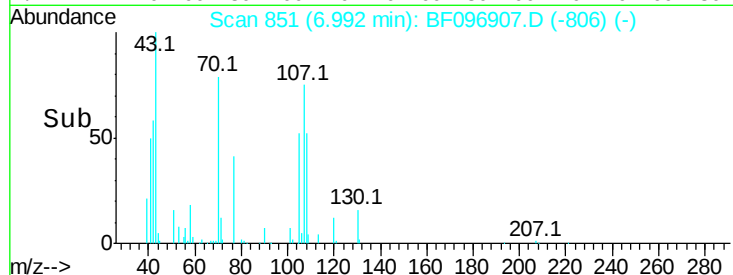
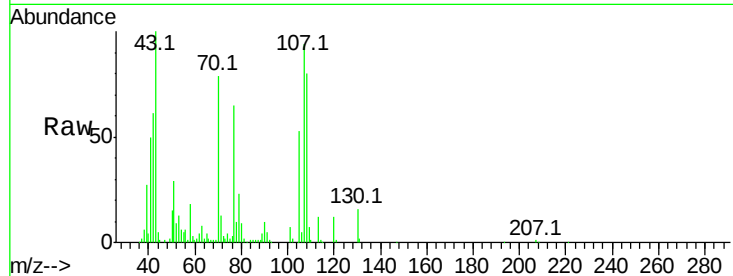
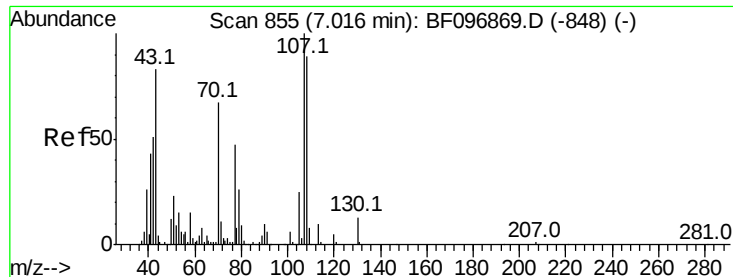
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#18
Hexachloroethane
Concen: 38.130 ng
RT: 7.08 min Scan# 866
Delta R.T. -0.03 min
Lab File: BF096907.D
Acq: 20 Jul 2017 15:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.4	116.0
201	84.5	94.6	141.8#





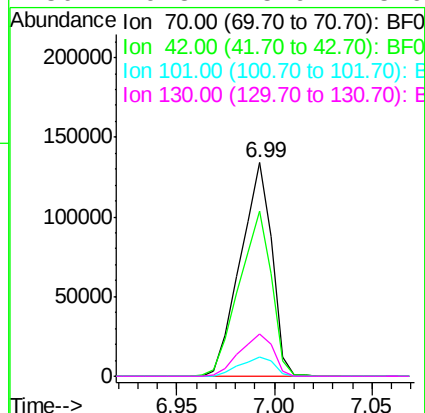
#19
n-Nitroso-di-n-propylamine
Concen: 37.108 ng
RT: 6.99 min Scan# 851
Delta R.T. -0.04 min
Lab File: BF096907.D
Acq: 20 Jul 2017 15:53

Instrument :
BNA_F
ClientSampleId :
IDOC-S-04

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	77.5	47.2	70.8#	
101	9.3	7.2	10.8	
130	19.8	15.9	23.9	

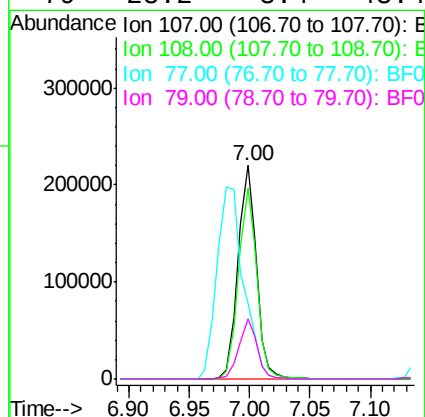
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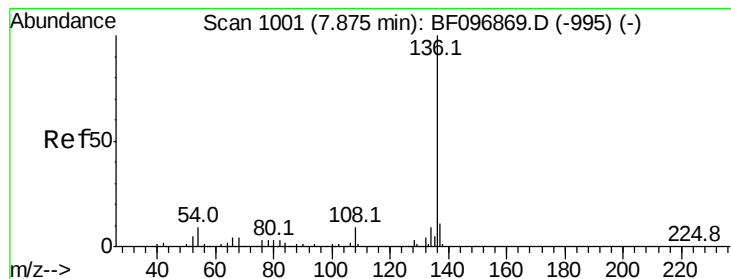
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#20
3+4-Methylphenols
Concen: 41.559 ng
RT: 7.00 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF096907.D
Acq: 20 Jul 2017 15:53

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.3	71.0	111.0	
77	35.4	90.5	130.5#	
79	28.2	8.4	48.4	





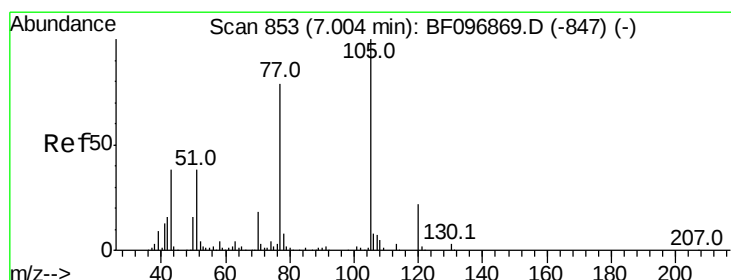
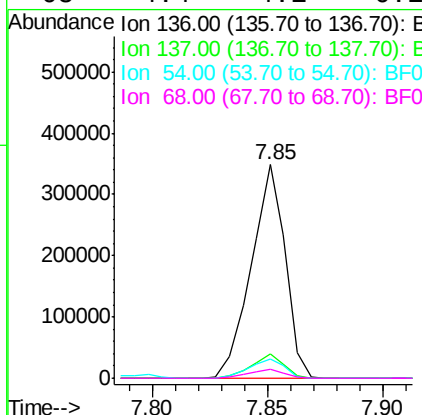
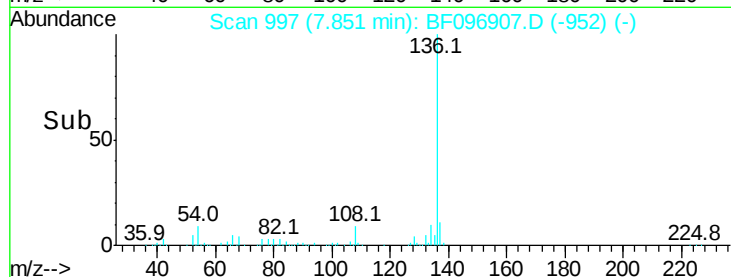
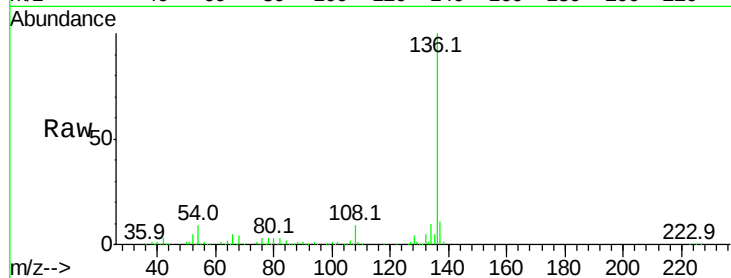
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.85 min Scan# 997
Delta R.T. -0.04 min
Lab File: BF096907.D
Acq: 20 Jul 2017 15:53

Instrument :
BNA_F
ClientSampleId :
IDOC-S-04

Tot Ion	Ratio	Resp	Lower	Upper
136	100	357148		
137	11.3	8.5	12.7	
54	9.1	4.9	7.3	
68	4.4	4.1	6.1	

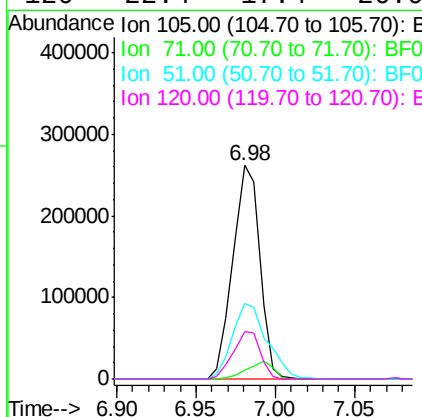
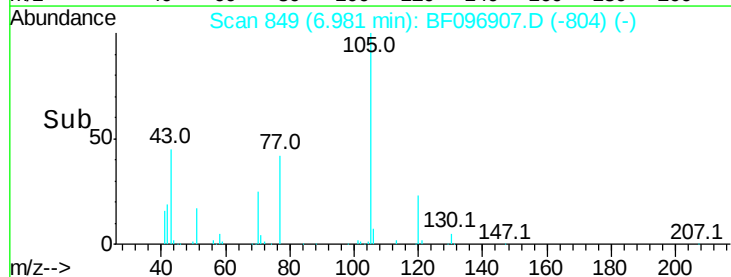
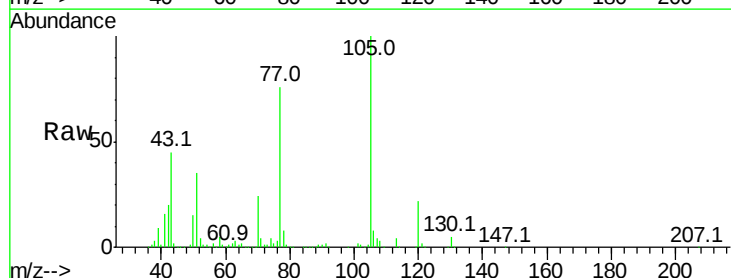
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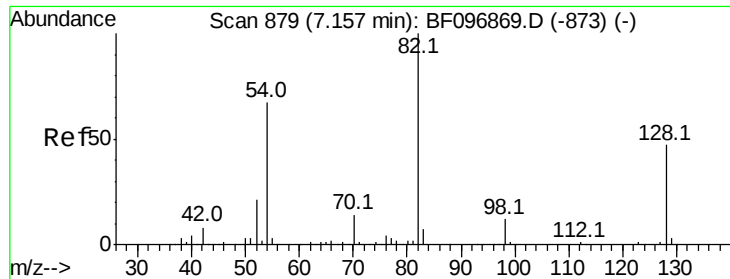
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#22
Acetophenone
Concen: 38.711 ng
RT: 6.98 min Scan# 849
Delta R.T. -0.04 min
Lab File: BF096907.D
Acq: 20 Jul 2017 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	309004		
71	4.0	2.8	4.2	
51	35.3	30.7	46.1	
120	22.4	17.4	26.0	





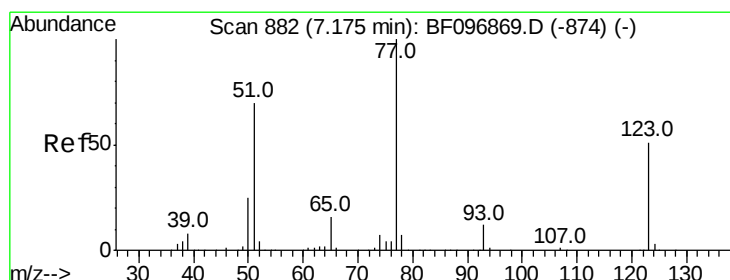
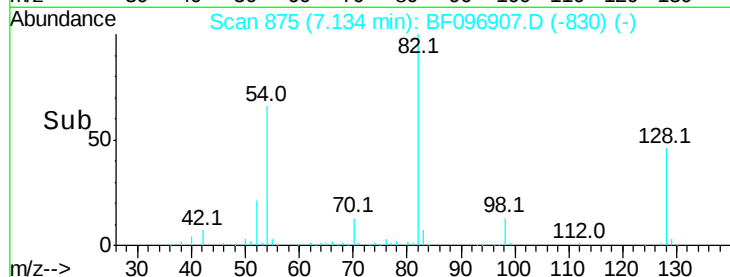
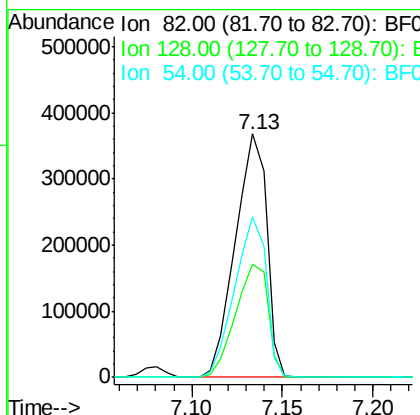
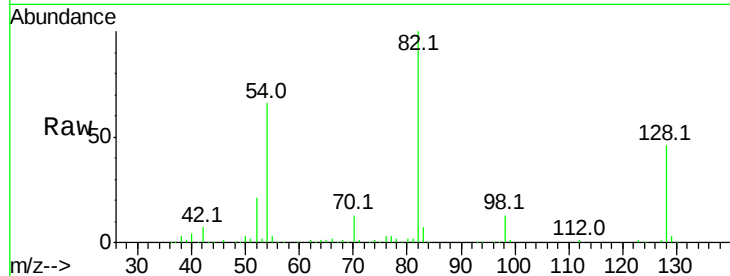
#23
 Nitrobenzene-d5
 Concen: 77.089 ng
 RT: 7.13 min Scan# 875
 Delta R.T. -0.04 min
 Lab File: BF096907.D
 Acq: 20 Jul 2017 15:53

Instrument :
 BNA_F
 ClientSampled :
 IDOC-S-04

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.0	51.0
54	66.0	42.2	63.2#

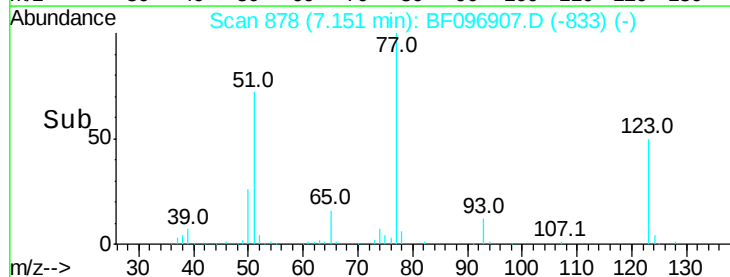
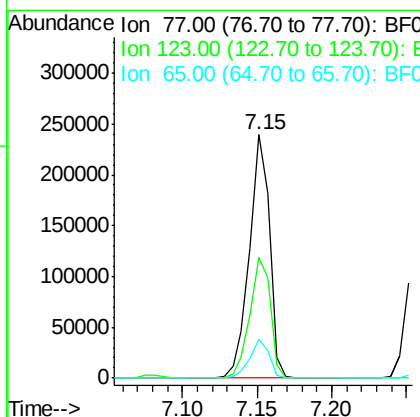
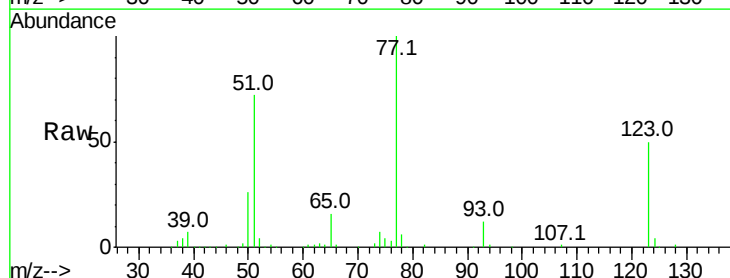
Manual Integrations
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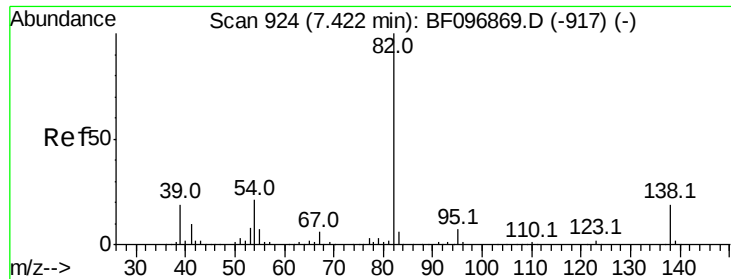
Sohil
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#24
 Nitrobenzene
 Concen: 37.444 ng
 RT: 7.15 min Scan# 878
 Delta R.T. -0.04 min
 Lab File: BF096907.D
 Acq: 20 Jul 2017 15:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.8	35.8	53.8
65	15.9	10.6	15.8#





#25

Isophorone

Concen: 37.198 ng

RT: 7.40 min Scan# 920

Delta R.T. -0.04 min

Lab File: BF096907.D

Acq: 20 Jul 2017 15:53

Instrument :

BNA_F

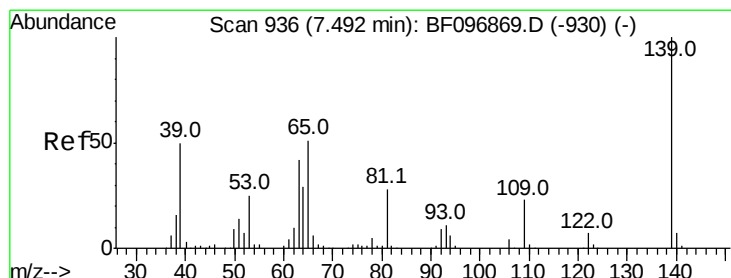
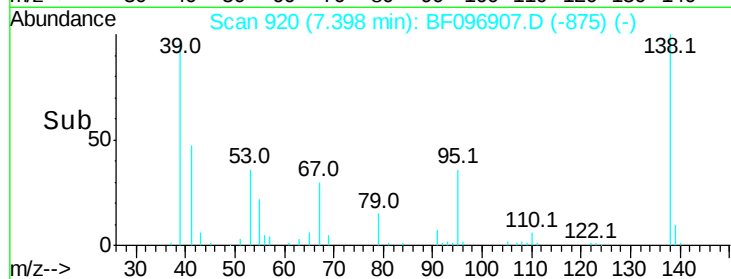
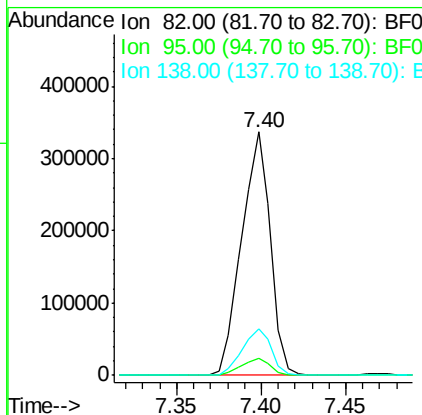
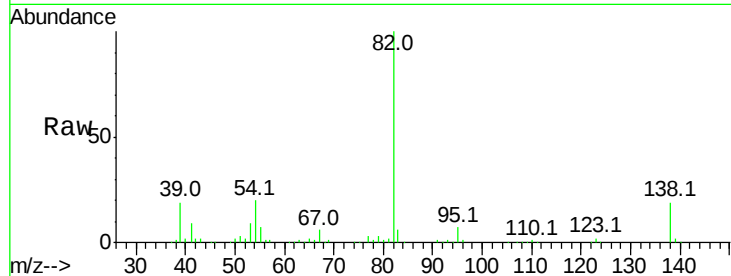
ClientSampled :

IDOC-S-04

Tot Ion:	82	Resp:	399001
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.3	7.9
138	19.0	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.341 ng

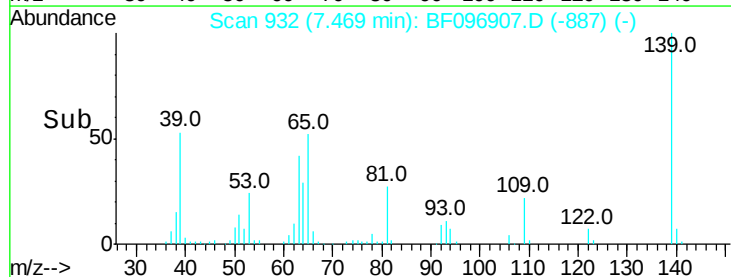
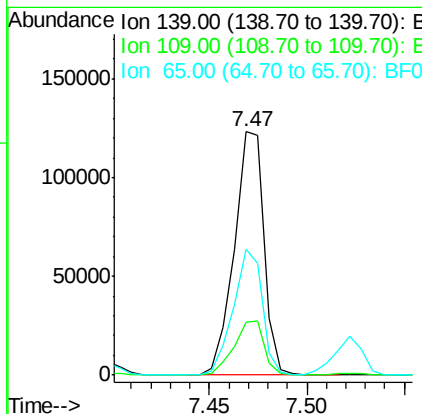
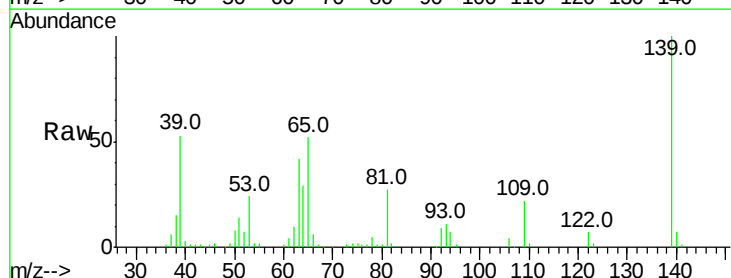
RT: 7.47 min Scan# 932

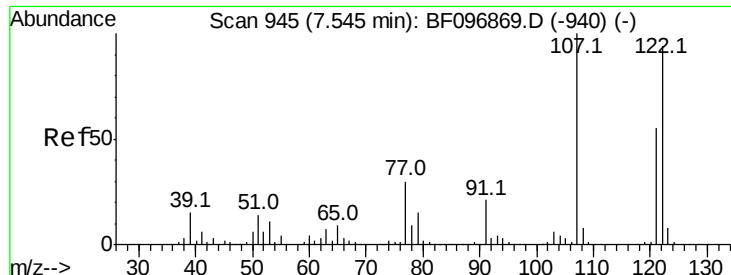
Delta R.T. -0.04 min

Lab File: BF096907.D

Acq: 20 Jul 2017 15:53

Tgt Ion:	139	Resp:	130448
Ion Ratio	Lower	Upper	
139	100		
109	22.0	21.0	31.6
65	51.5	33.0	49.6#





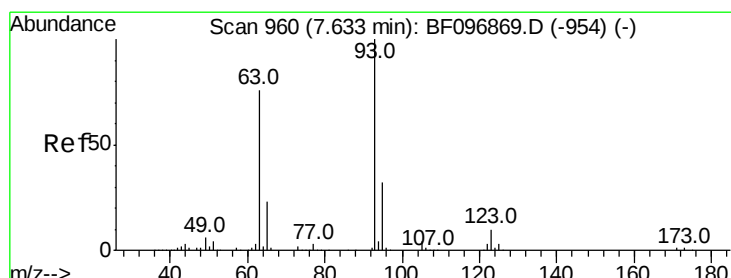
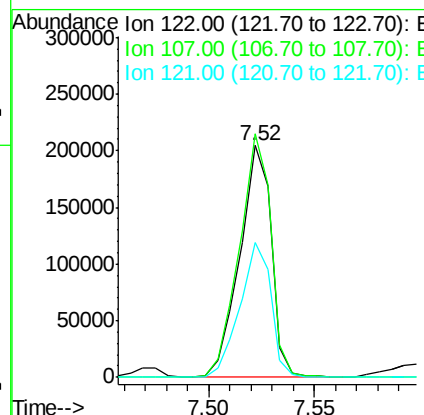
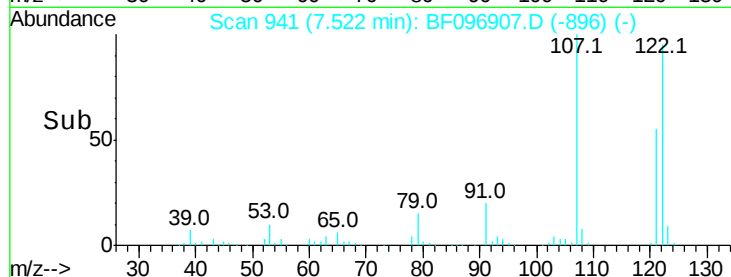
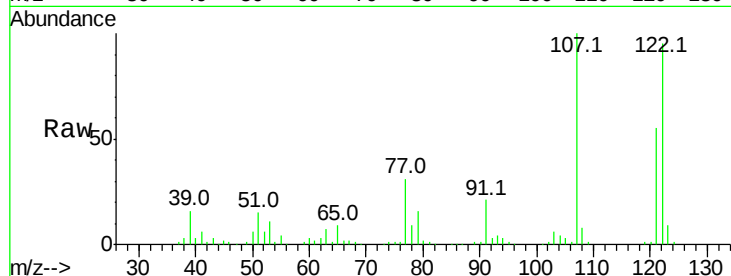
#27
2,4-Dimethylphenol
Concen: 38.844 ng
RT: 7.52 min Scan# 941
Delta R.T. -0.04 min
Lab File: BF096907.D
Acq: 20 Jul 2017 15:53

Instrument :
BNA_F
ClientSampled :
IDOC-S-04

Tot Ion	Ratio	Lower	Upper
122	100		
107	105.2	89.2	133.8
121	58.1	45.2	67.8

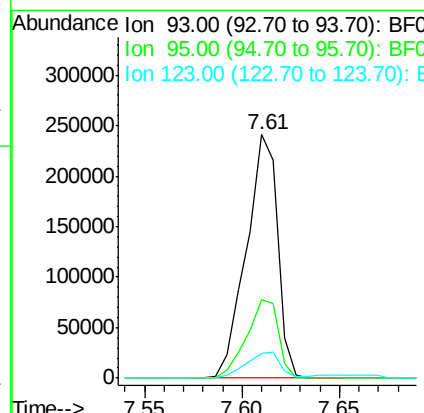
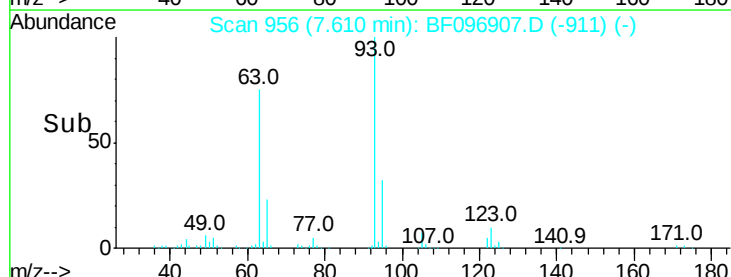
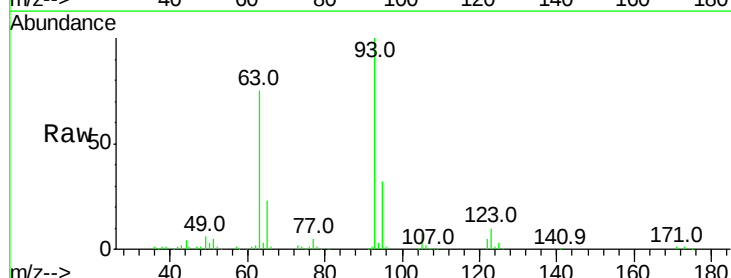
Manual Integrations
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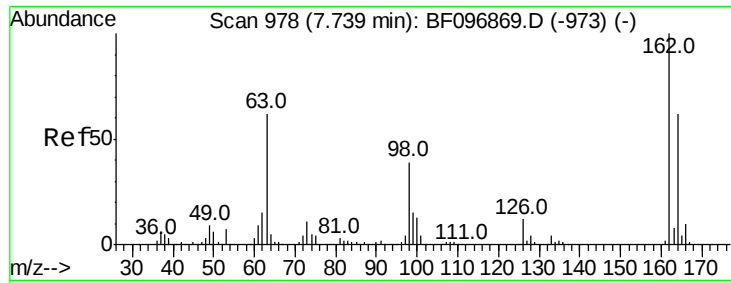
Sohil
7/21/2017 1:05:48 PM



#28
bis(2-Chloroethoxy)methane
Concen: 36.933 ng
RT: 7.61 min Scan# 956
Delta R.T. -0.04 min
Lab File: BF096907.D
Acq: 20 Jul 2017 15:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.5	39.7
123	10.4	9.0	13.4





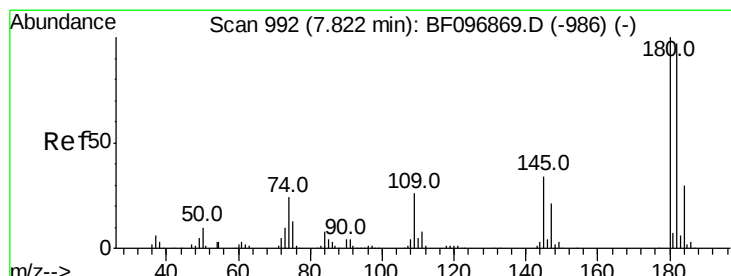
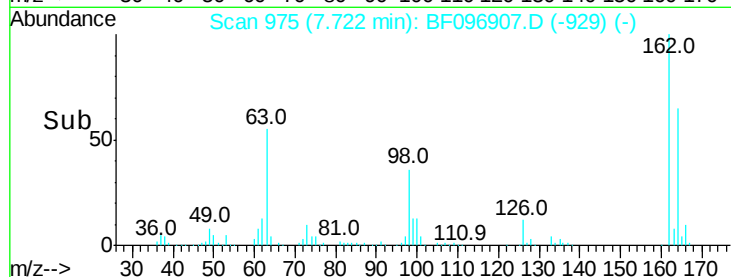
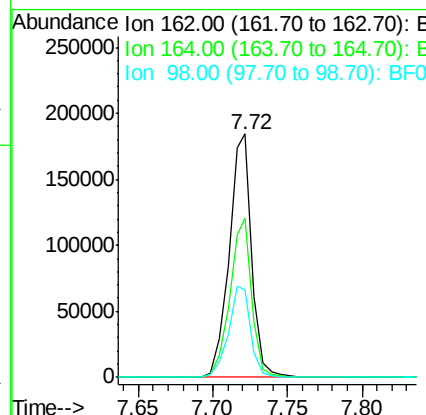
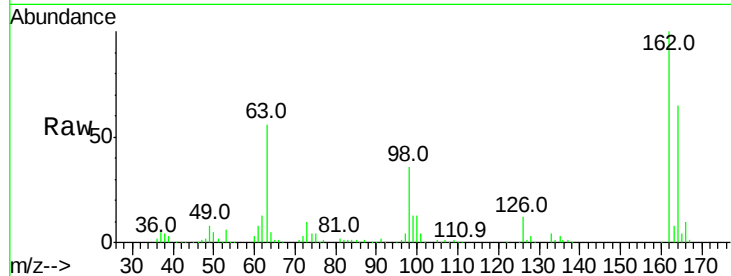
#29
 2,4-Dichlorophenol
 Concen: 39.773 ng
 RT: 7.72 min Scan# 975
 Delta R.T. -0.03 min
 Lab File: BF096907.D
 Acq: 20 Jul 2017 15:53

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-S-04

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.2	44.6	84.6
98	35.7	14.8	54.8

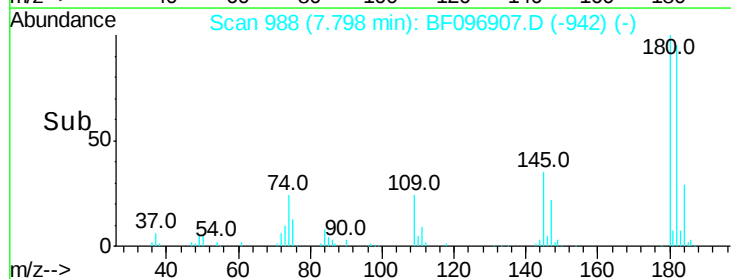
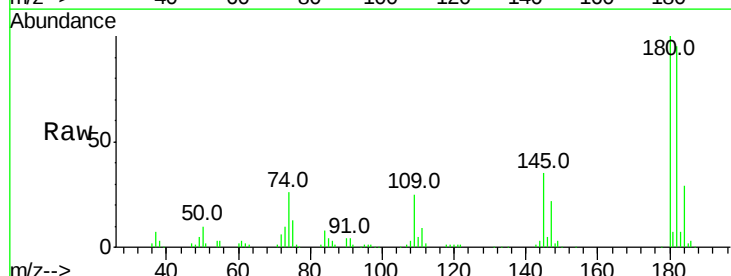
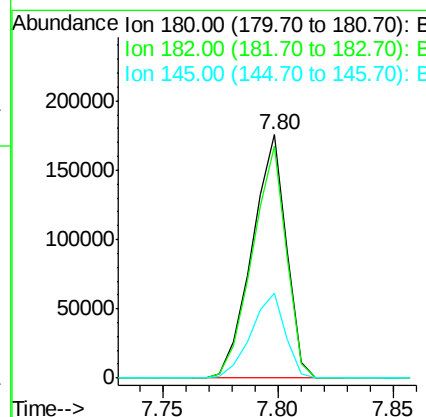
Manual Integrations
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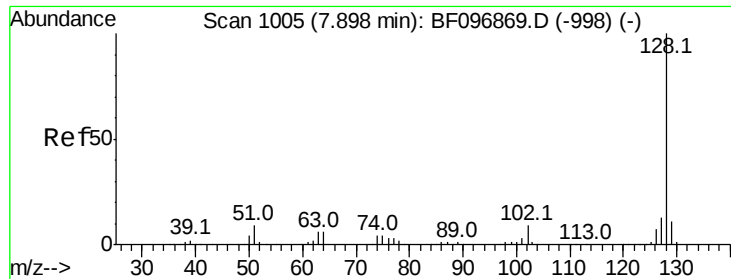
Sohil
 7/21/2017 1:05:48 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.749 ng
 RT: 7.80 min Scan# 988
 Delta R.T. -0.03 min
 Lab File: BF096907.D
 Acq: 20 Jul 2017 15:53

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.4	75.8	113.6
145	34.8	25.3	37.9





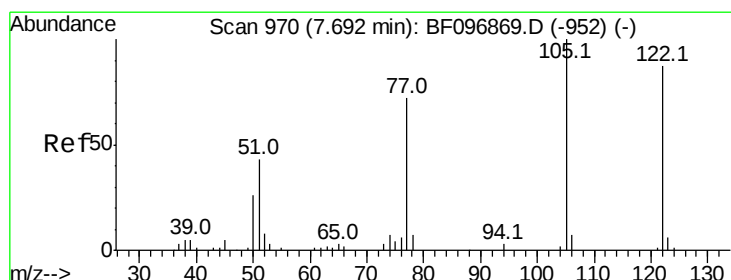
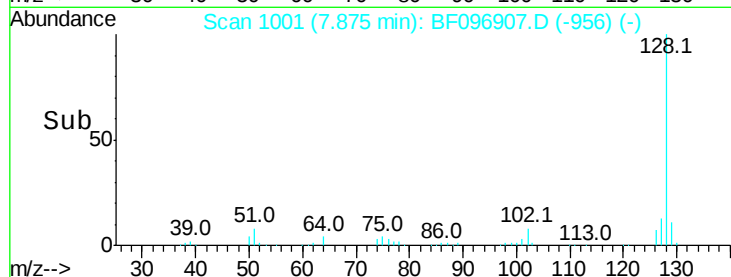
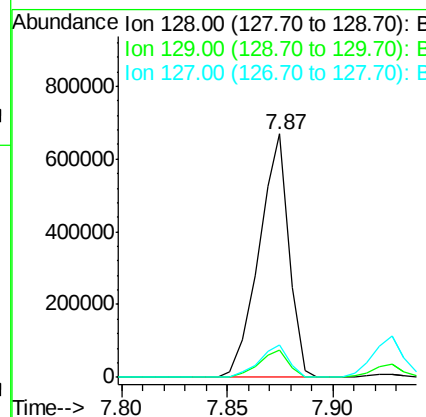
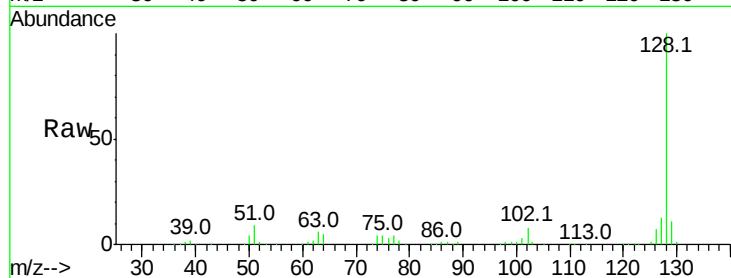
#31
Naphthalene
Concen: 38.833 ng
RT: 7.87 min Scan# 1001
Delta R.T. -0.04 min
Lab File: BF096907.D
Acq: 20 Jul 2017 15:53

Instrument :
BNA_F
ClientSampleId :
IDOC-S-04

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.2	10.8	16.2

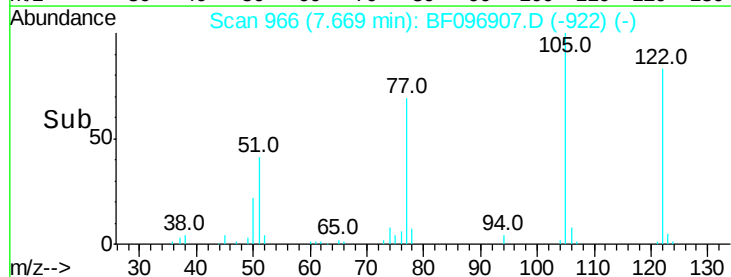
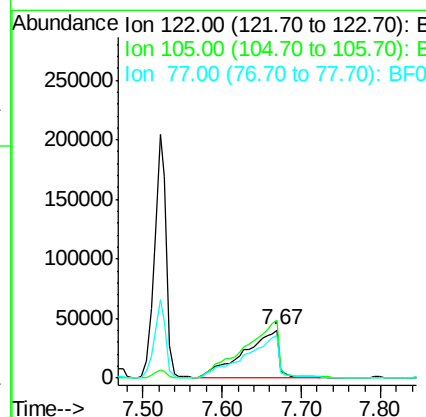
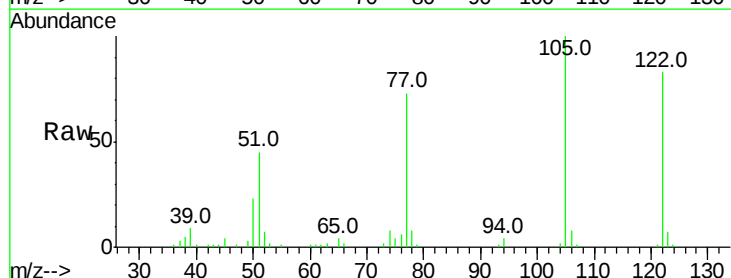
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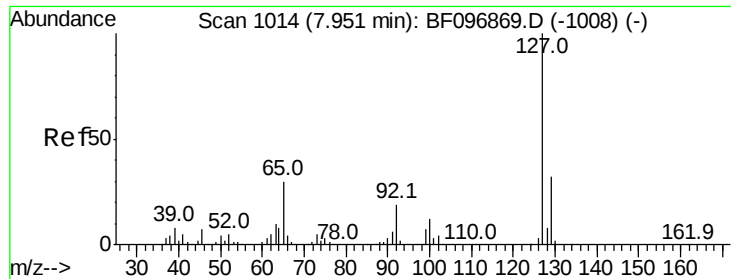
Sohil
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#32
Benzoic acid
Concen: 36.251 ng
RT: 7.67 min Scan# 966
Delta R.T. -0.04 min
Lab File: BF096907.D
Acq: 20 Jul 2017 15:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.1	103.3	143.3
77	87.9	73.7	113.7





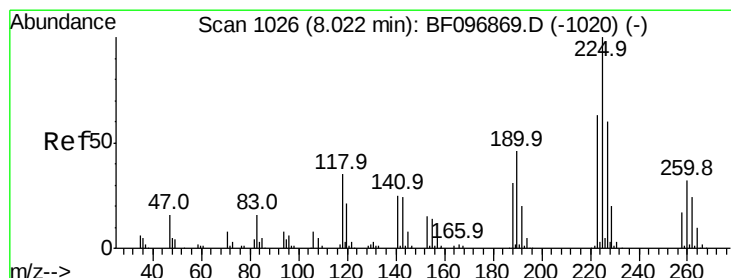
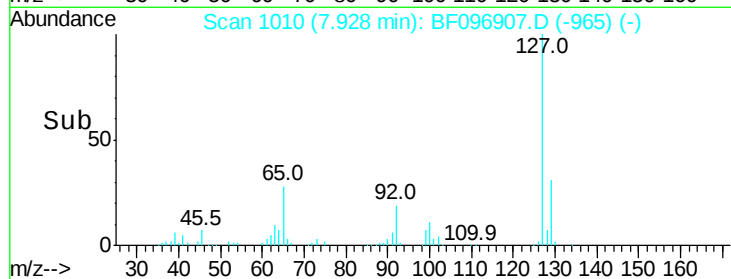
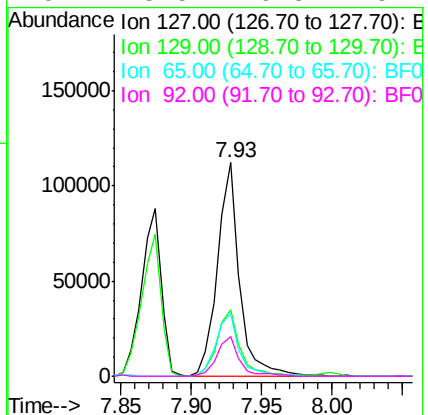
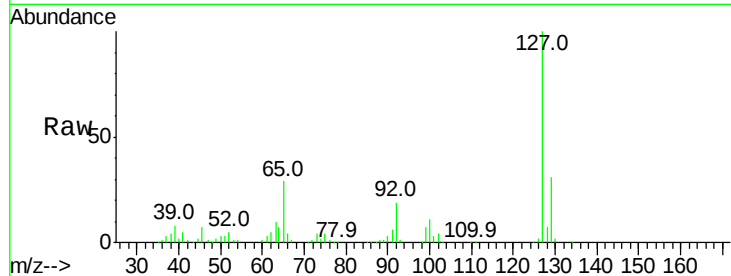
#33
 4-Chloroaniline
 Concen: 18.270 ng
 RT: 7.93 min Scan# 1010
 Delta R.T. -0.04 min
 Lab File: BF096907.D
 Acq: 20 Jul 2017 15:53

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-S-04

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.1	26.2	39.2	
65	29.4	27.8	41.8	
92	18.5	16.8	25.2	

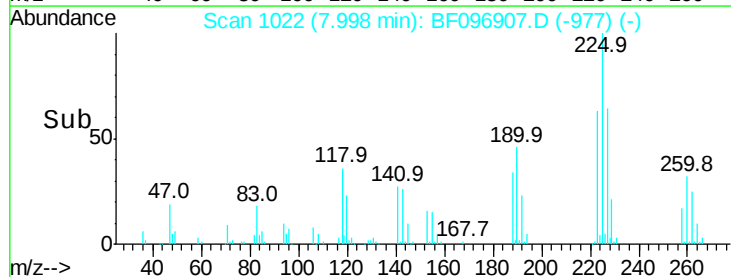
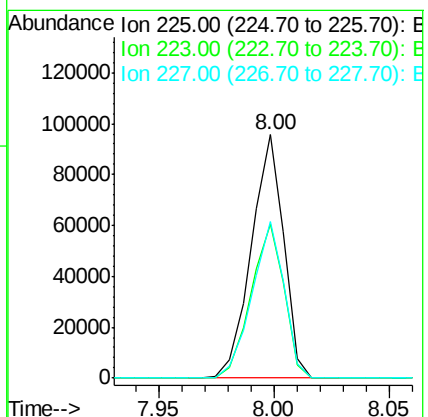
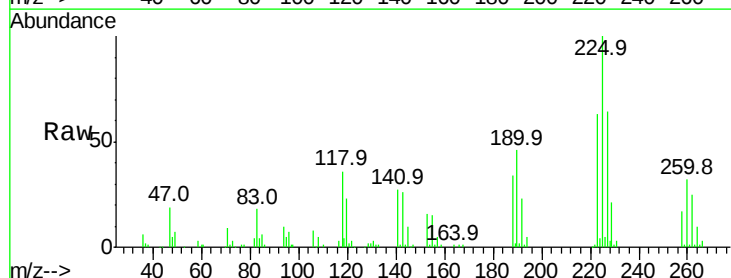
Manual Integrations
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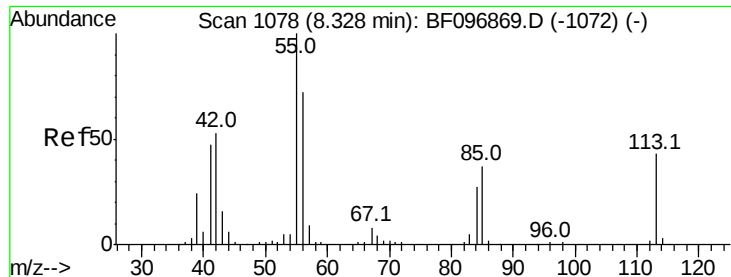
Sohil
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#34
 Hexachlorobutadiene
 Concen: 37.268 ng
 RT: 8.00 min Scan# 1022
 Delta R.T. -0.04 min
 Lab File: BF096907.D
 Acq: 20 Jul 2017 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	48.8	73.2	
227	64.3	51.1	76.7	





#35

Caprolactam

Concen: 44.254 ng/ml

RT: 8.30 min Scan# 1073

Delta R.T. -0.05 min

Lab File: BF096907.D

Acq: 20 Jul 2017 15:53

Instrument :

BNA_F

ClientSampled :

IDOC-S-04

Tot Ion:113 Resp: 70017

Ion Ratio Lower Upper

113 100

55 220.7 150.2 190.2#

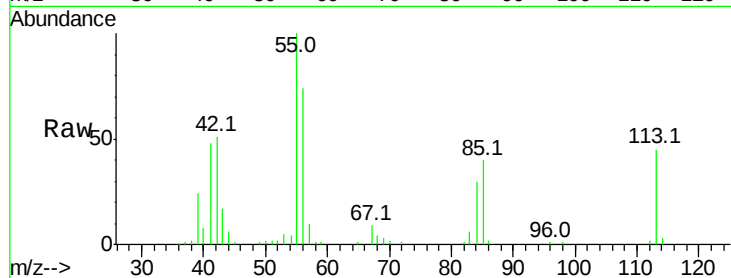
56 163.2 107.8 147.8#

Manual Integrations

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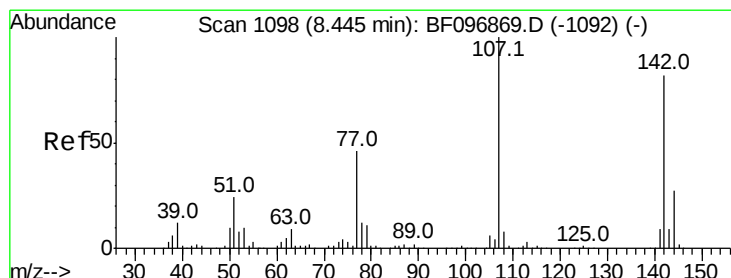
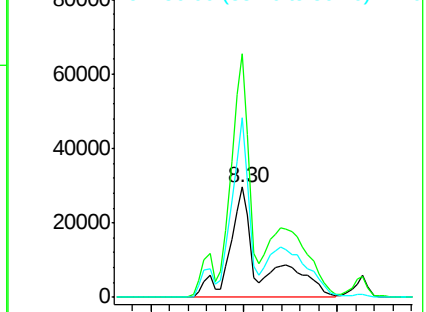
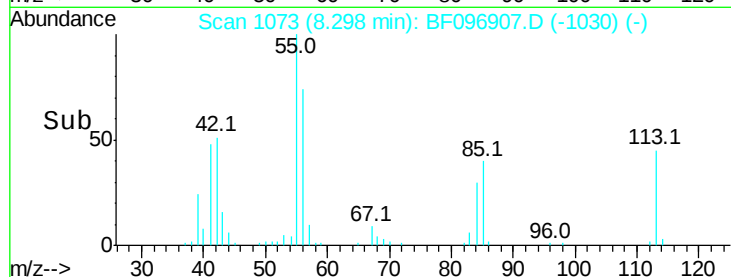
7/21/2017 1:05:48 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.119 ng/ml

RT: 8.43 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BF096907.D

Acq: 20 Jul 2017 15:53

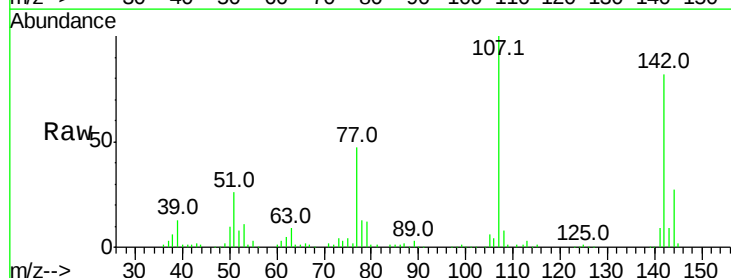
Tgt Ion:107 Resp: 207696

Ion Ratio Lower Upper

107 100

144 27.0 24.2 36.4

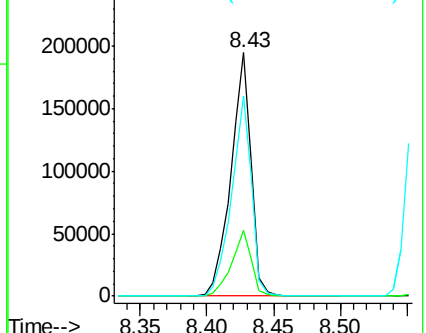
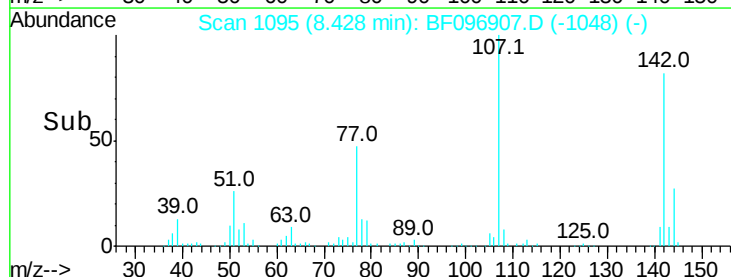
142 82.2 73.4 110.0

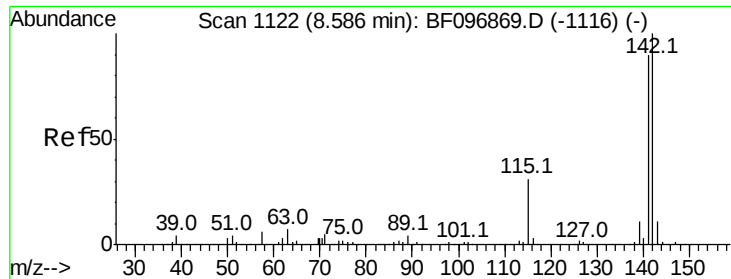


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





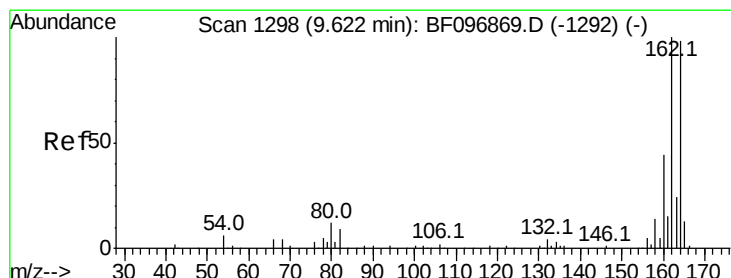
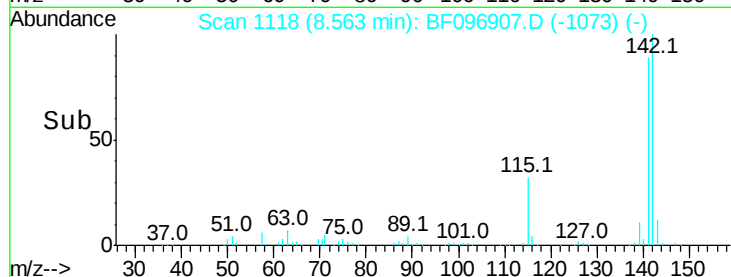
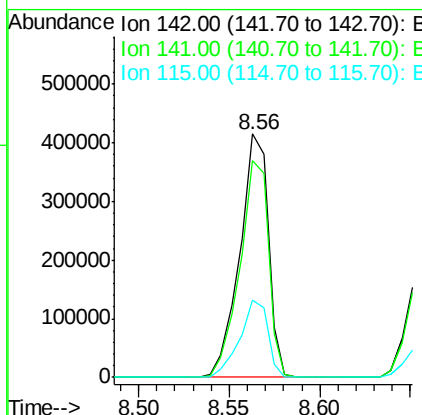
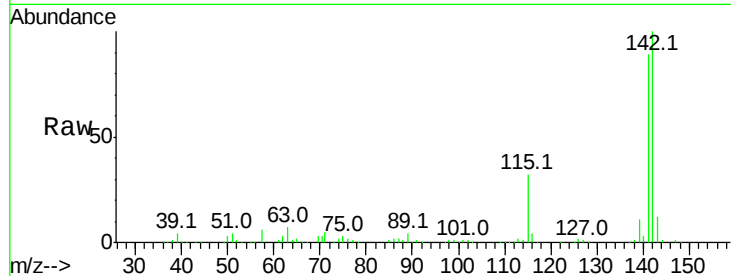
#37
2-Methylnaphthalene
Concen: 42.182 ng
RT: 8.56 min Scan# 1118
Delta R.T. -0.04 min
Lab File: BF096907.D
Acq: 20 Jul 2017 15:53

Instrument :
BNA_F
ClientSampled :
IDOC-S-04

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.3	106.9
115	31.7	27.1	40.7

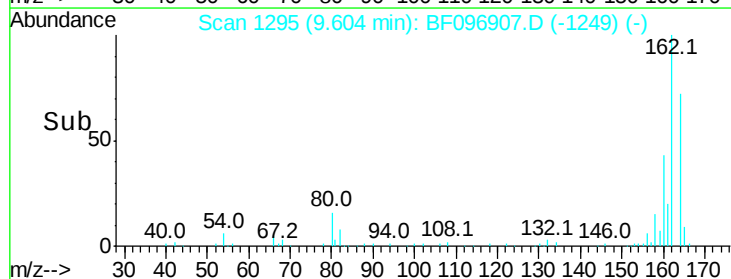
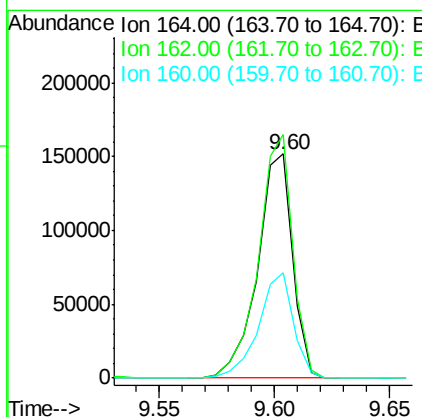
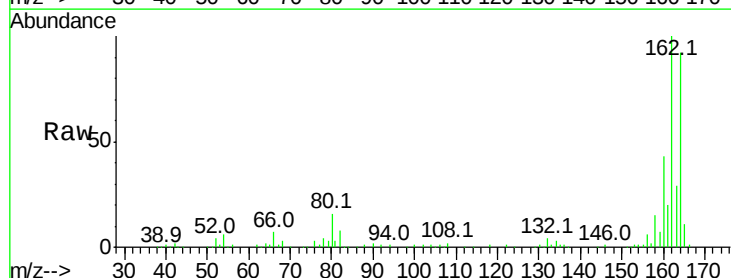
Manual Integrations
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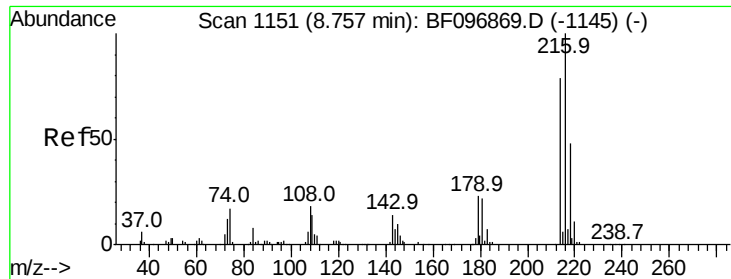
Sohil
7/21/2017 1:05:48 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.60 min Scan# 1295
Delta R.T. -0.03 min
Lab File: BF096907.D
Acq: 20 Jul 2017 15:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.6	82.6	123.8
160	46.9	36.2	54.2





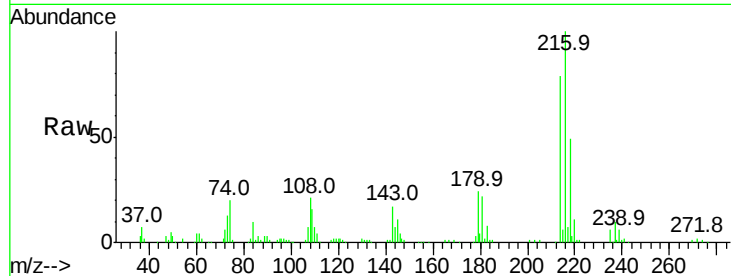
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.365 ng
 RT: 8.73 min Scan# 1147
 Delta R.T. -0.04 min
 Lab File: BF096907.D
 Acq: 20 Jul 2017 15:53

Instrument :
 BNA_F
 ClientSampled :
 IDOC-S-04

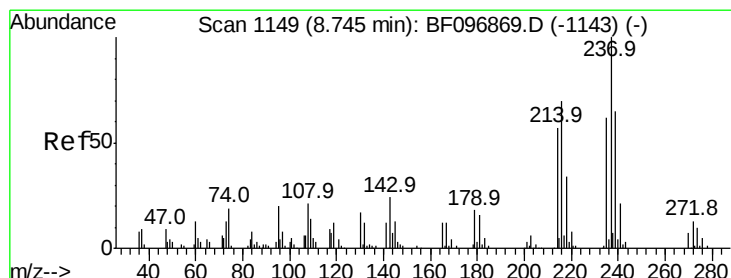
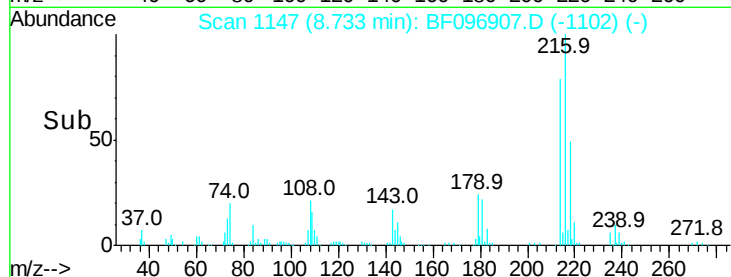
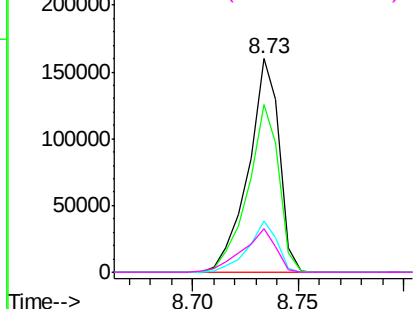
Tot Ion	Ratio	Resp	Lower	Upper
216	100	162078		
214	78.6	63.4	95.2	
179	22.6	17.9	26.9	
108	21.8	16.5	24.7	

Manual Integrations
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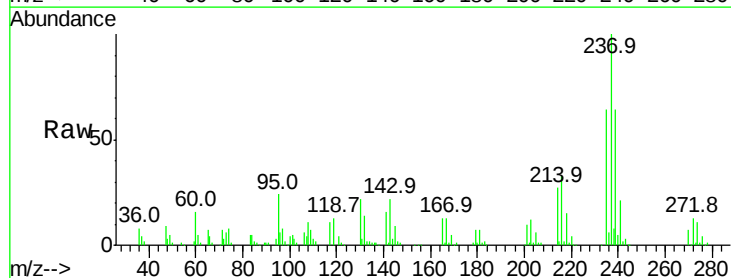


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

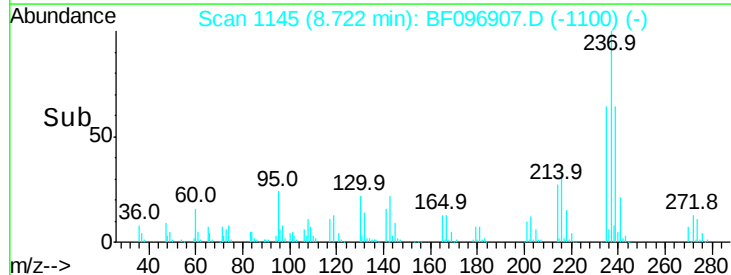
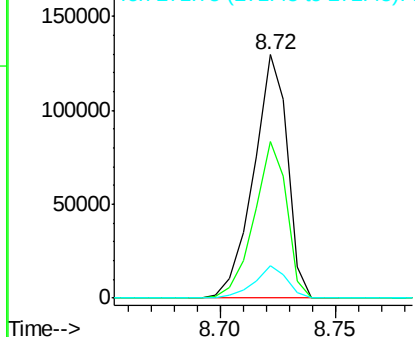


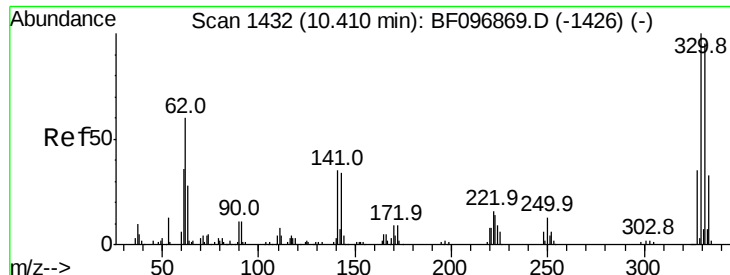
#40
 Hexachlorocyclopentadiene
 Concen: 81.037 ng
 RT: 8.72 min Scan# 1145
 Delta R.T. -0.04 min
 Lab File: BF096907.D
 Acq: 20 Jul 2017 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	132318		
235	64.1	42.6	82.6	
272	13.4	0.0	31.9	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





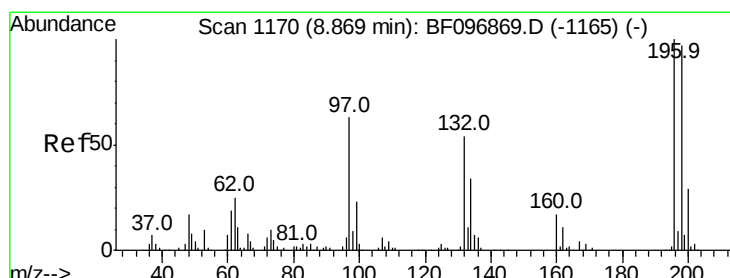
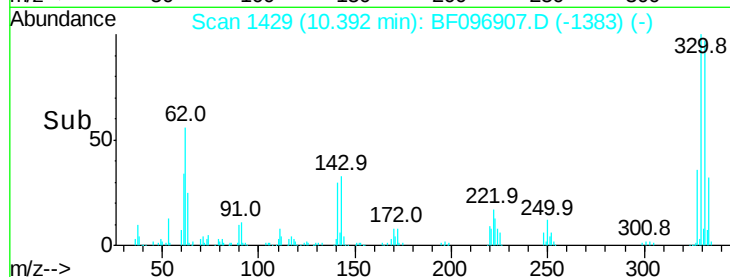
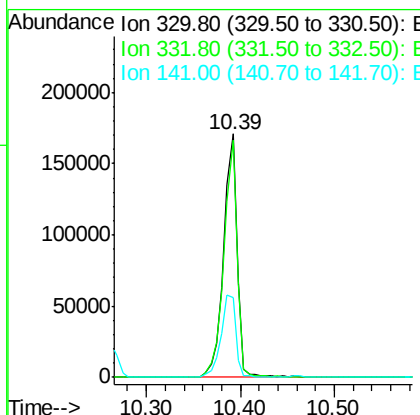
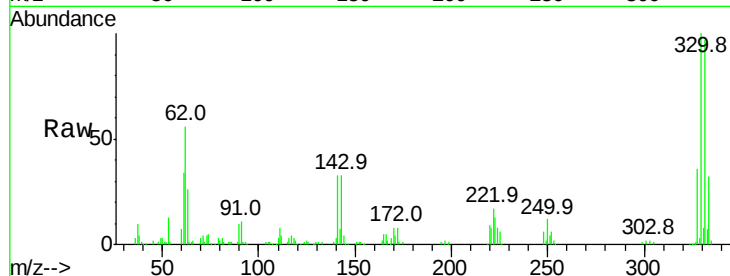
#41
 2,4,6-Tribromophenol
 Concen: 126.802 ng
 RT: 10.39 min Scan# 1429
 Delta R.T. -0.03 min
 Lab File: BF096907.D
 Acq: 20 Jul 2017 15:53

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-S-04

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	115.0
141	36.8	31.4	47.2

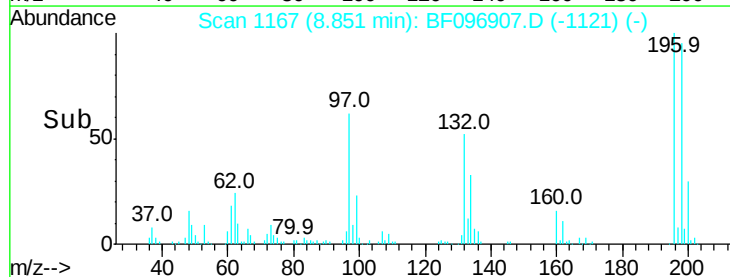
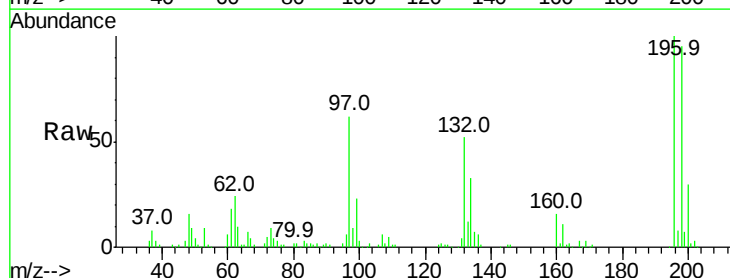
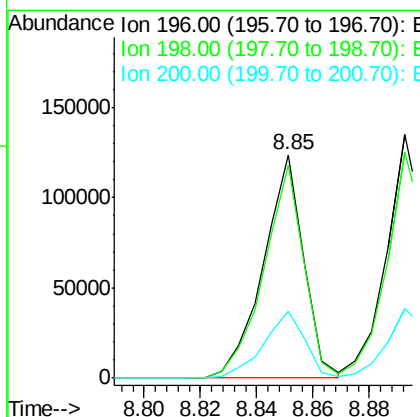
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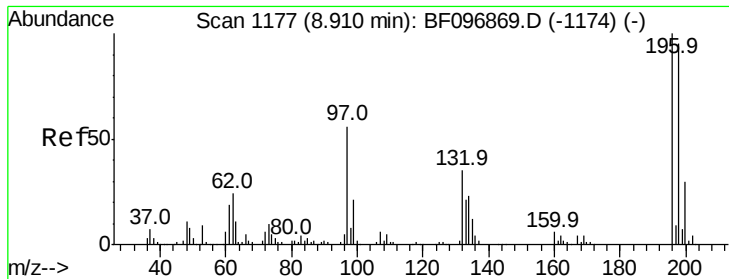
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 38.167 ng
 RT: 8.85 min Scan# 1167
 Delta R.T. -0.03 min
 Lab File: BF096907.D
 Acq: 20 Jul 2017 15:53

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.4	74.2	111.4
200	30.1	24.0	36.0





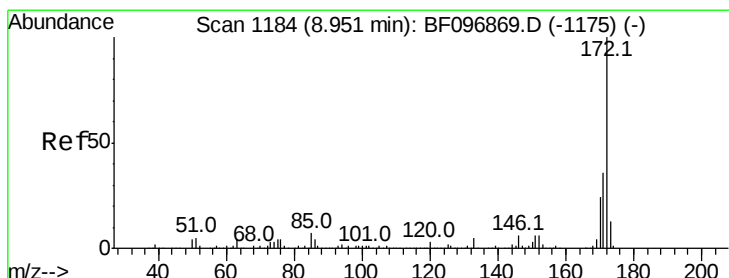
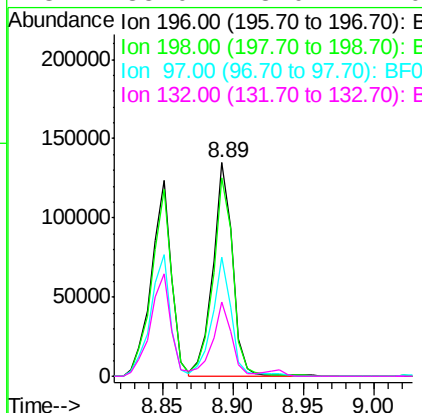
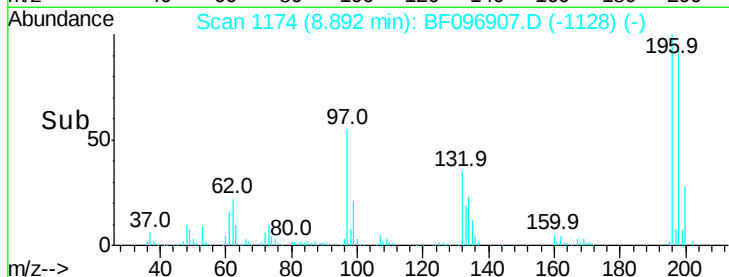
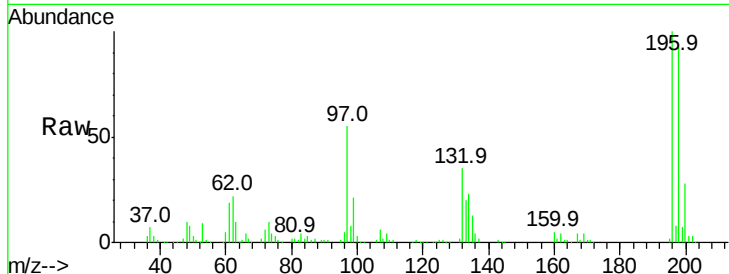
#43
 2,4,5-Trichlorophenol
 Concen: 40.669 ng
 RT: 8.89 min Scan# 1174
 Delta R.T. -0.03 min
 Lab File: BF096907.D
 Acq: 20 Jul 2017 15:53

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-S-04

Tot Ion:	196	Resp:	131236
Ion Ratio	Lower	Upper	
196	100		
198	92.7	75.7	113.5
97	55.5	47.7	71.5
132	35.0	28.0	42.0

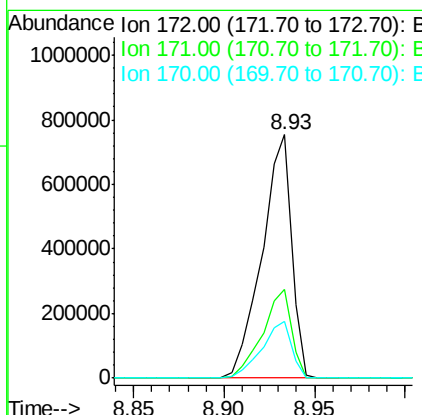
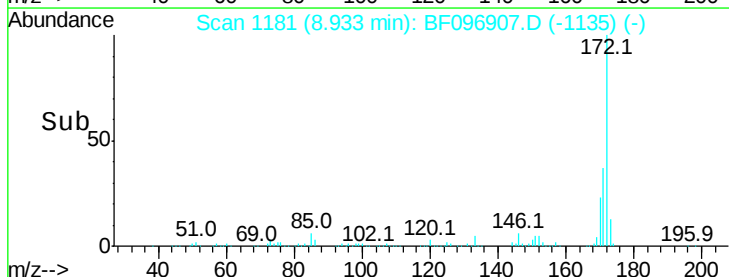
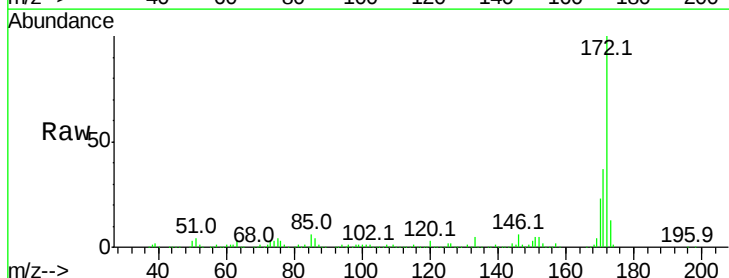
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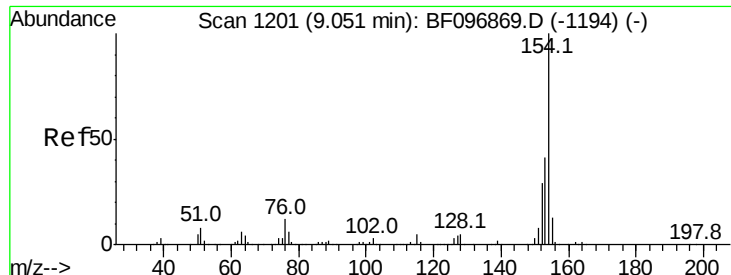
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 84.083 ng
 RT: 8.93 min Scan# 1181
 Delta R.T. -0.03 min
 Lab File: BF096907.D
 Acq: 20 Jul 2017 15:53

Tgt Ion:	172	Resp:	853971
Ion Ratio	Lower	Upper	
172	100		
171	36.6	29.6	44.4
170	23.3	19.8	29.8





#45

1,1'-Biphenyl

Concen: 37.205 ng

RT: 9.03 min Scan# 1197

Delta R.T. -0.04 min

Lab File: BF096907.D

Acq: 20 Jul 2017 15:53

Instrument :

BNA_F

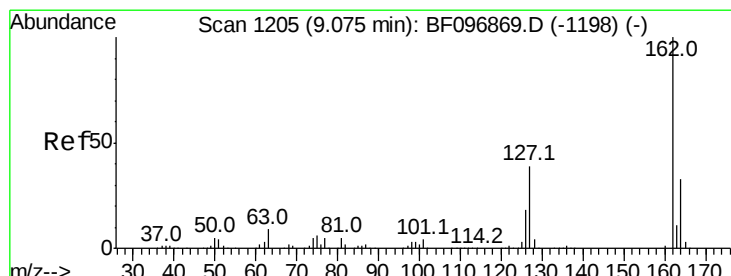
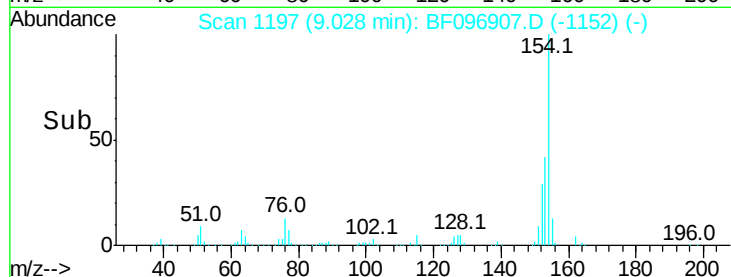
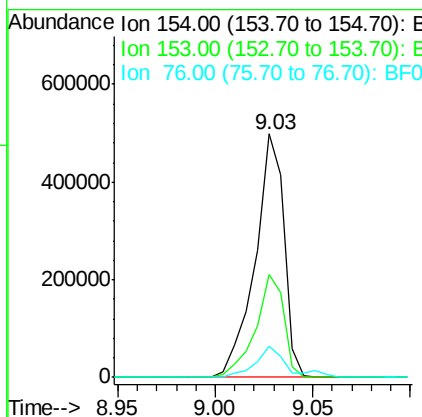
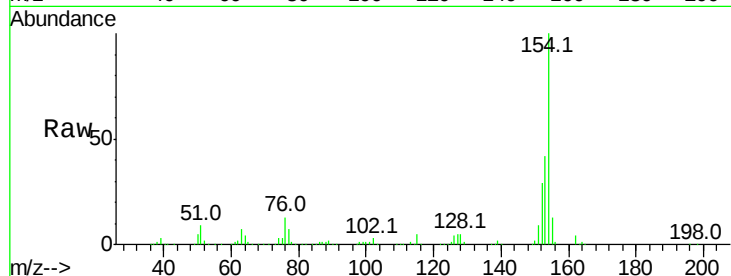
ClientSampled :

IDOC-S-04

Tot Ion:	154	Resp:	512016
Ion Ratio	Lower	Upper	
154	100		
153	42.2	21.2	61.2
76	12.7	0.0	29.9

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#46

2-Chloronaphthalene

Concen: 39.805 ng

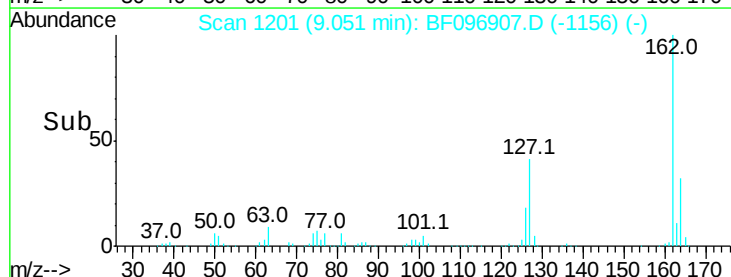
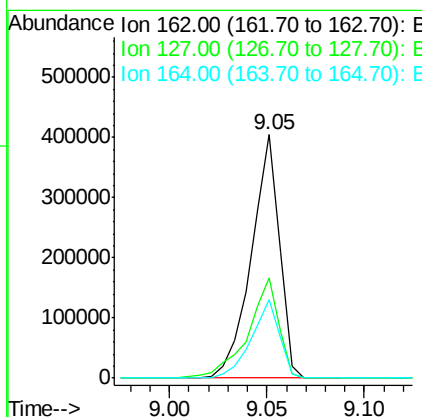
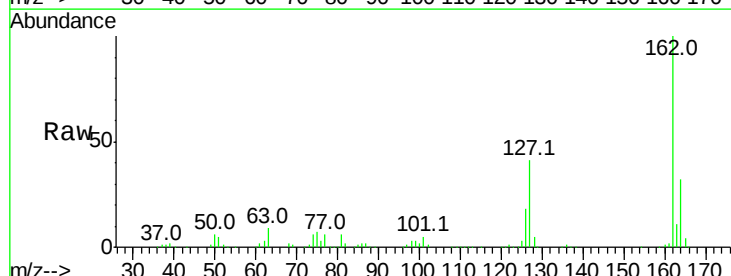
RT: 9.05 min Scan# 1201

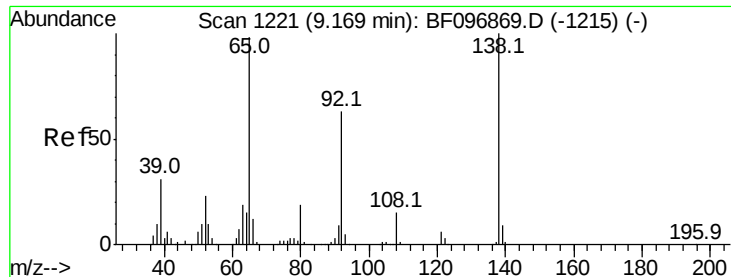
Delta R.T. -0.04 min

Lab File: BF096907.D

Acq: 20 Jul 2017 15:53

Tgt Ion:	162	Resp:	403371
Ion Ratio	Lower	Upper	
162	100		
127	41.0	28.3	42.5
164	32.4	27.0	40.4





#47

2-Nitroaniline

Concen: 42.030 ng

RT: 9.15 min Scan# 1218

Delta R.T. -0.03 min

Lab File: BF096907.D

Acq: 20 Jul 2017 15:53

Instrument :

BNA_F

ClientSampled :

IDOC-S-04

Tot Ion: 65 Resp: 146403

Ion Ratio Lower Upper

65 100

92 65.5 53.9 80.9

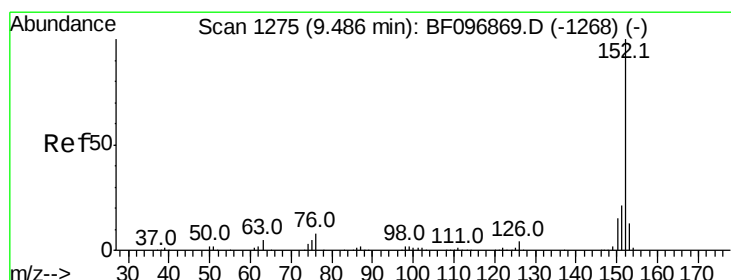
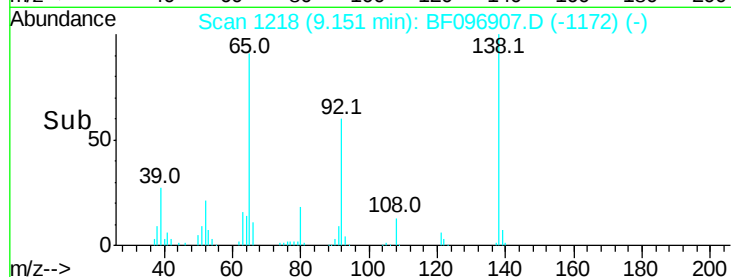
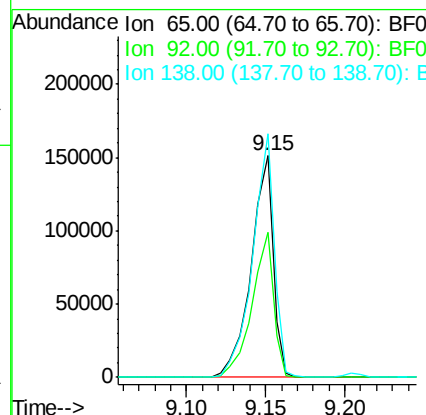
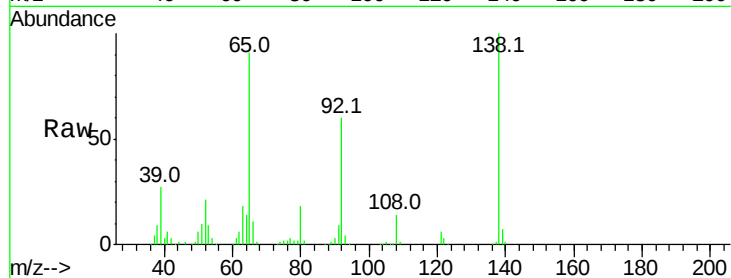
138 109.9 78.8 118.2

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#48

Acenaphthylene

Concen: 39.844 ng

RT: 9.46 min Scan# 1271

Delta R.T. -0.03 min

Lab File: BF096907.D

Acq: 20 Jul 2017 15:53

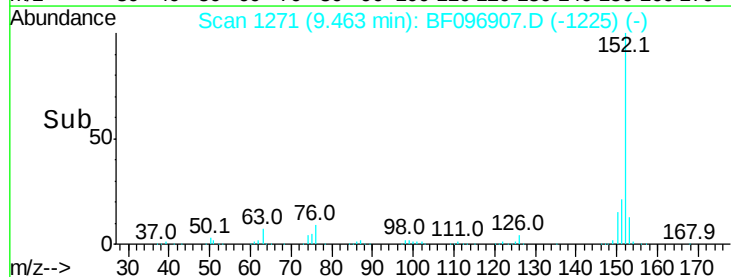
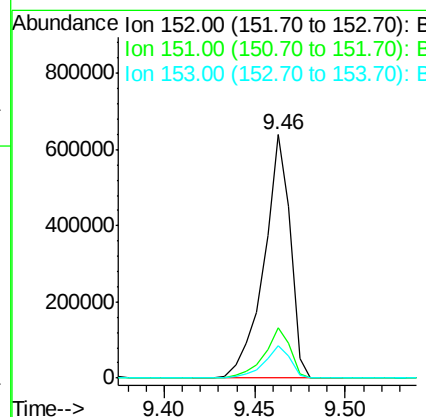
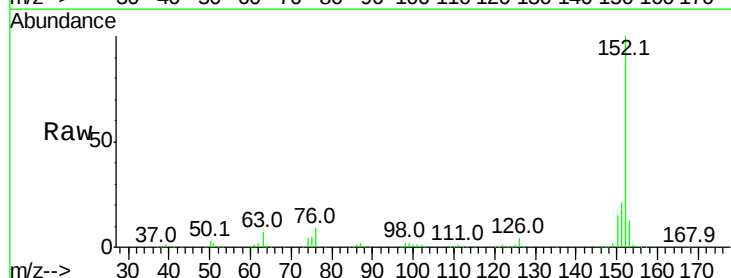
Tgt Ion: 152 Resp: 643334

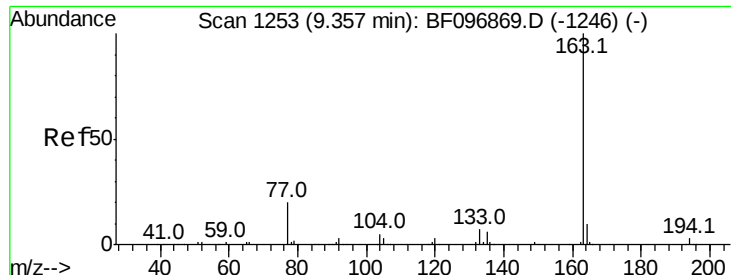
Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

153 13.3 10.8 16.2





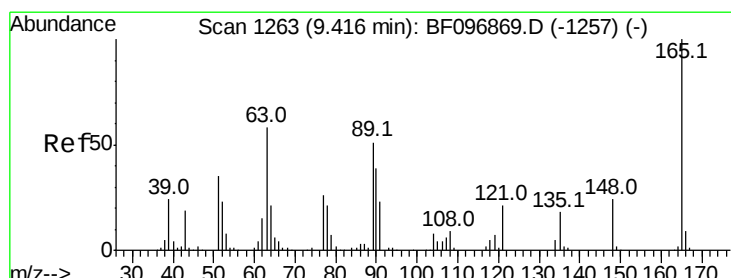
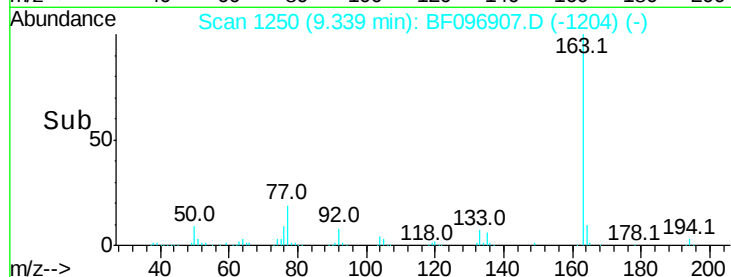
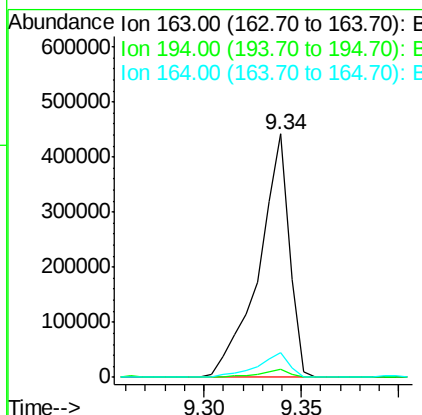
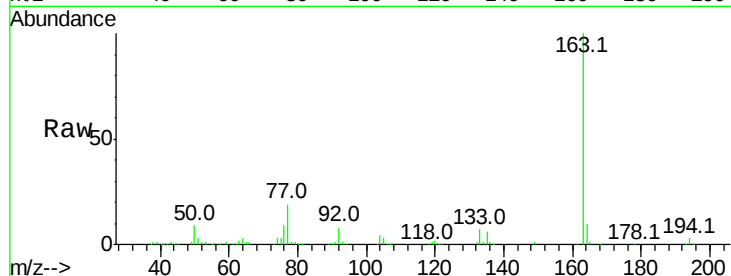
#49
Dimethylphthalate
Concen: 39.723 ng
RT: 9.34 min Scan# 1250
Delta R.T. -0.03 min
Lab File: BF096907.D
Acq: 20 Jul 2017 15:53

Instrument :
BNA_F
ClientSampled :
IDOC-S-04

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.6	4.0	
164	9.9	8.4	12.6	

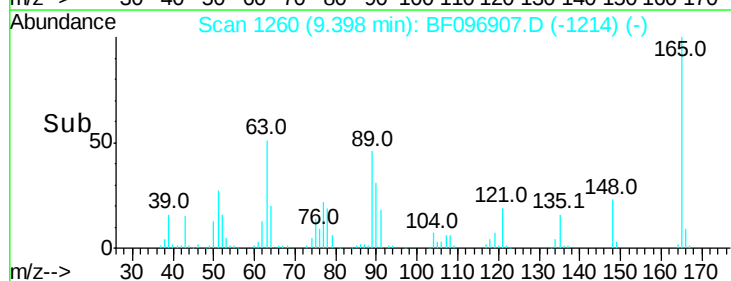
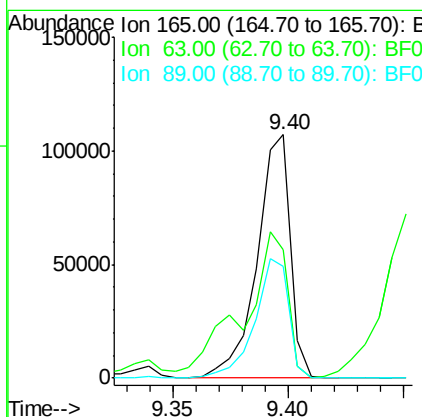
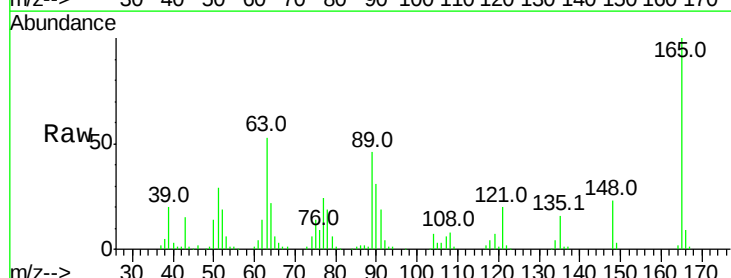
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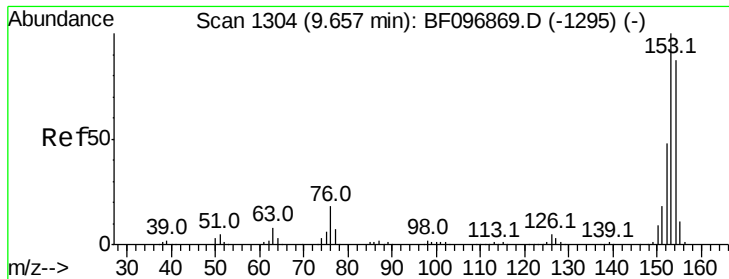
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#50
2,6-Dinitrotoluene
Concen: 41.178 ng
RT: 9.40 min Scan# 1260
Delta R.T. -0.03 min
Lab File: BF096907.D
Acq: 20 Jul 2017 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	52.9	34.3	51.5#	
89	45.8	37.1	55.7	





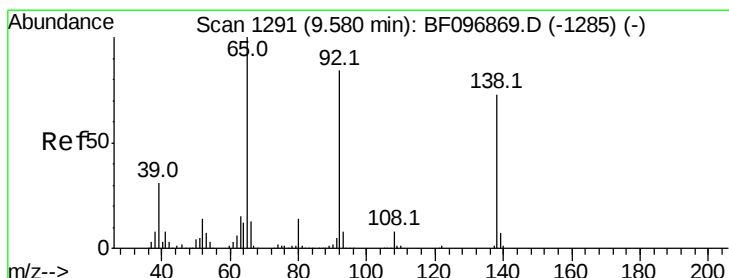
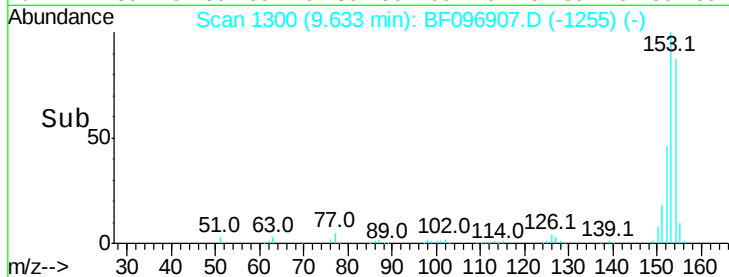
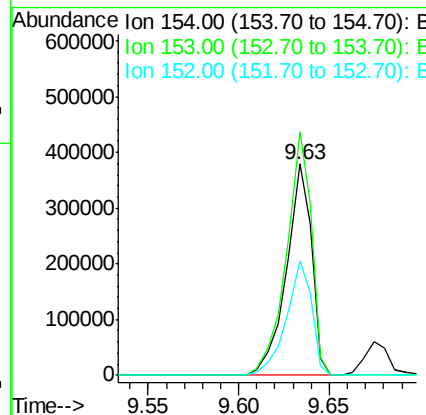
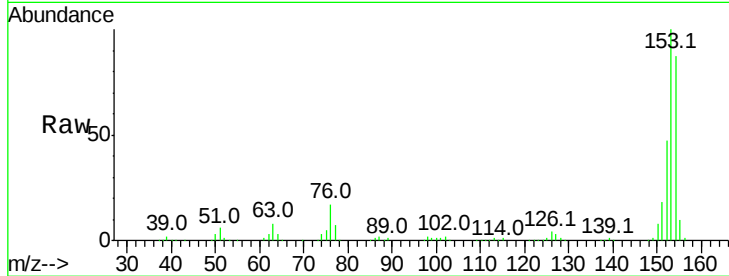
#51
Acenaphthene
Concen: 38.712 ng
RT: 9.63 min Scan# 1300
Delta R.T. -0.04 min
Lab File: BF096907.D
Acq: 20 Jul 2017 15:53

Instrument :
BNA_F
ClientSampled :
IDOC-S-04

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.2	90.5	135.7
152	53.9	43.6	65.4

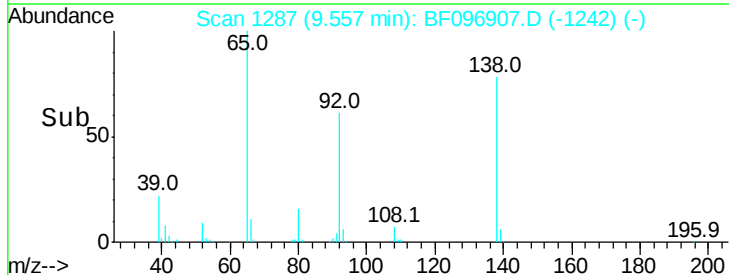
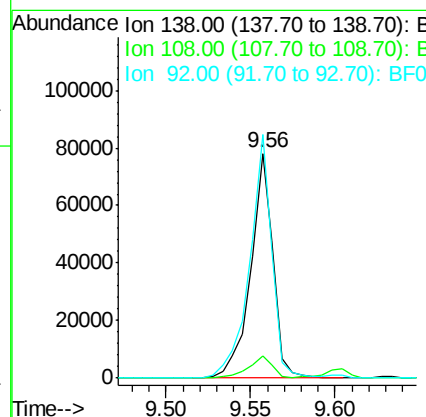
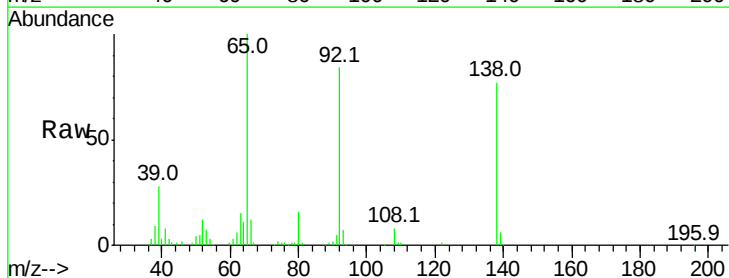
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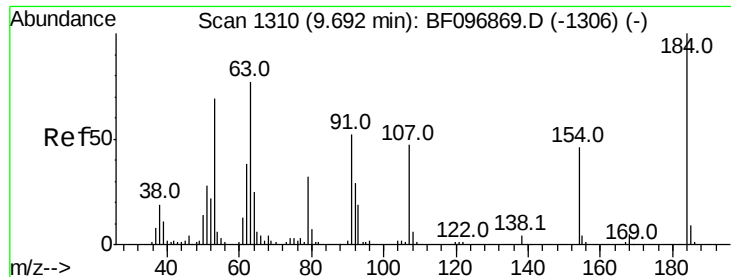
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#52
3-Nitroaniline
Concen: 23.301 ng
RT: 9.56 min Scan# 1287
Delta R.T. -0.04 min
Lab File: BF096907.D
Acq: 20 Jul 2017 15:53

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.9	9.1	13.7
92	108.3	93.8	140.6





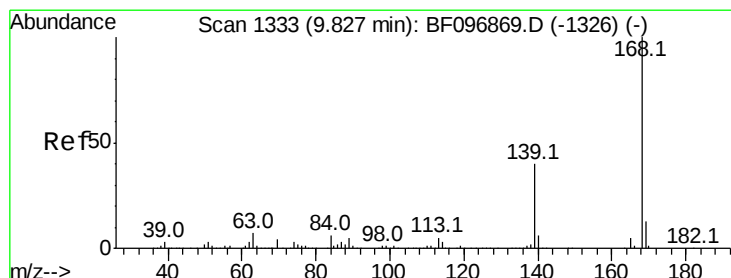
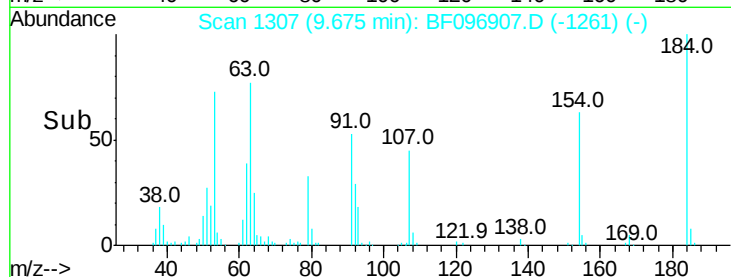
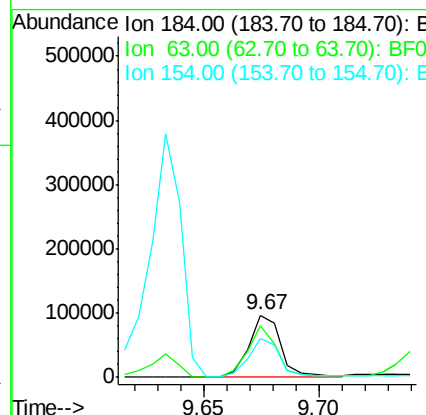
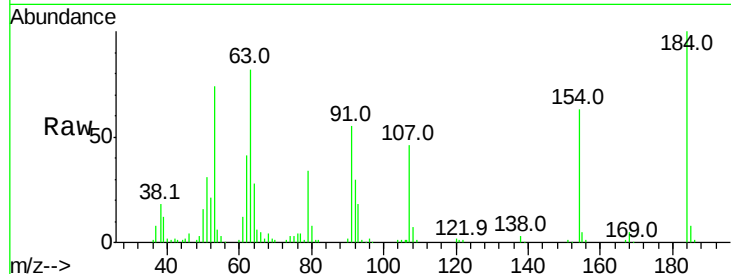
#53
2,4-Dinitrophenol
Concen: 74.673 ng
RT: 9.67 min Scan# 1307
Delta R.T. -0.03 min
Lab File: BF096907.D
Acq: 20 Jul 2017 15:53

Instrument :
BNA_F
ClientSampled :
IDOC-S-04

Tot Ion:184 Resp: 96126
Ion Ratio Lower Upper
184 100
63 82.2 62.7 94.1
154 62.7 81.1 121.7#

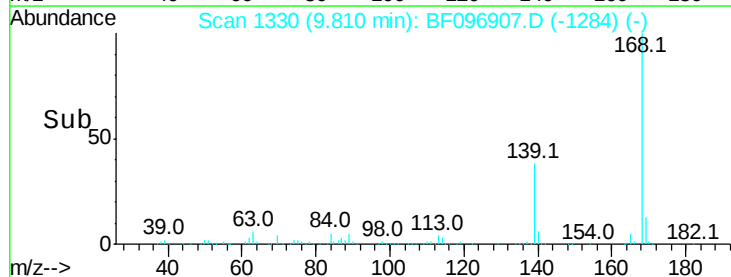
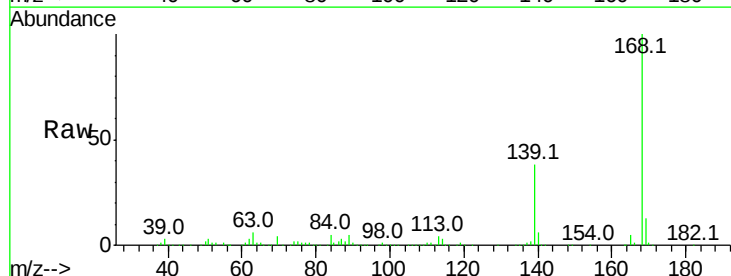
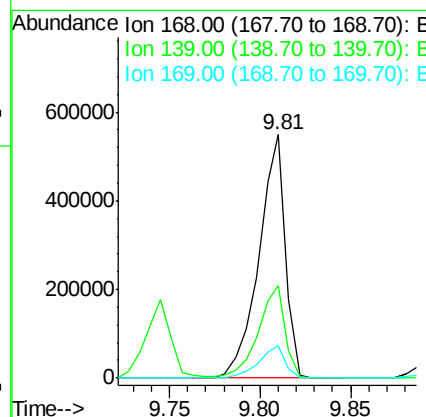
Manual Integrations
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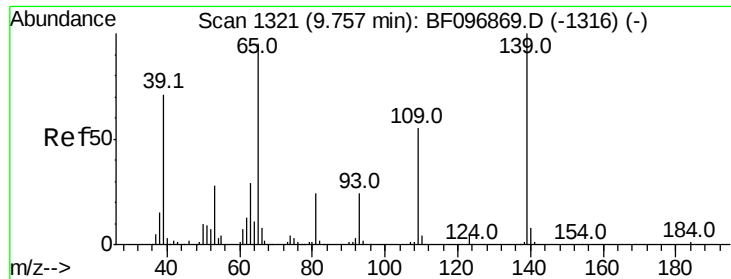
Sohil
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#54
Dibenzofuran
Concen: 41.579 ng
RT: 9.81 min Scan# 1330
Delta R.T. -0.03 min
Lab File: BF096907.D
Acq: 20 Jul 2017 15:53

Tgt Ion:168 Resp: 555756
Ion Ratio Lower Upper
168 100
139 38.2 30.6 45.8
169 13.3 10.8 16.2





#55

4-Nitrophenol

Concen: 75.258 ng

RT: 9.75 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BF096907.D

Acq: 20 Jul 2017 15:53

Instrument :

BNA_F

ClientSampleId :

IDOC-S-04

Tot Ion:139 Resp: 170457
Ion Ratio Lower Upper

139 100

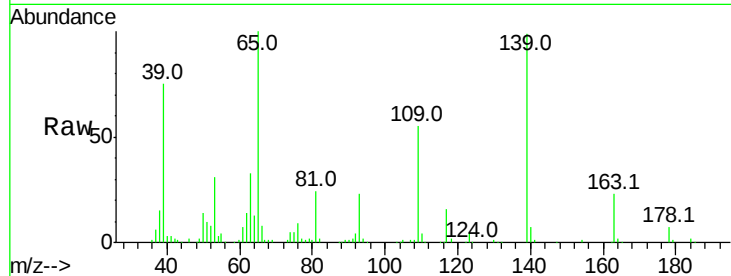
109 56.0 34.1 74.1

65 101.2 31.4 71.4#

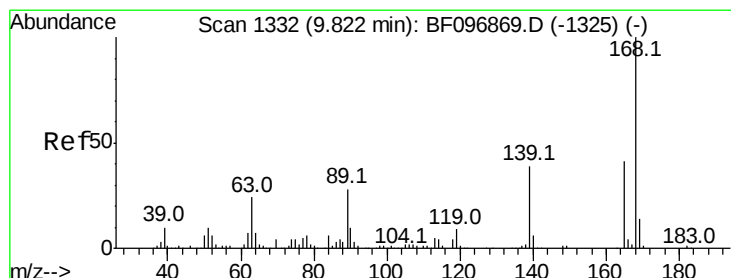
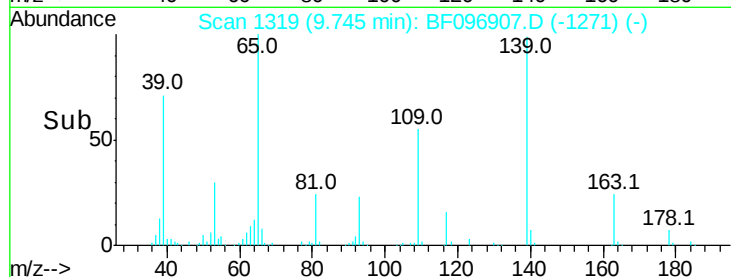
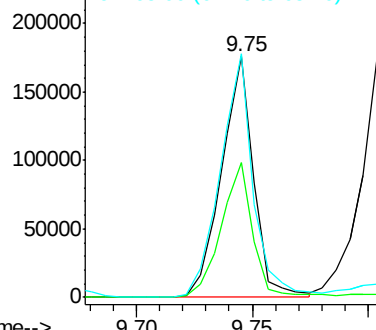
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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 41.388 ng

RT: 9.80 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF096907.D

Acq: 20 Jul 2017 15:53

Tgt Ion:165 Resp: 139184
Ion Ratio Lower Upper

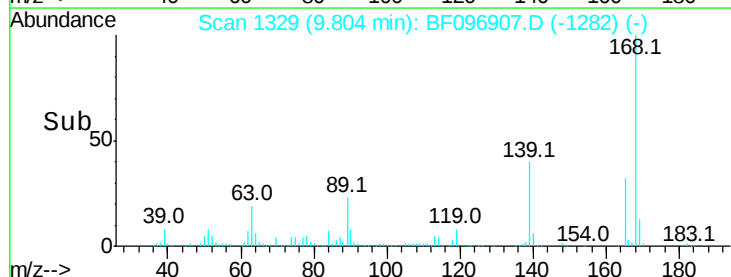
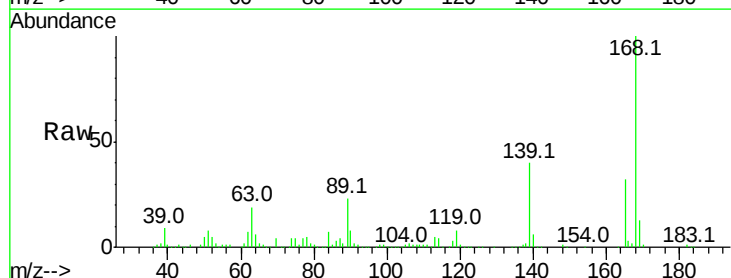
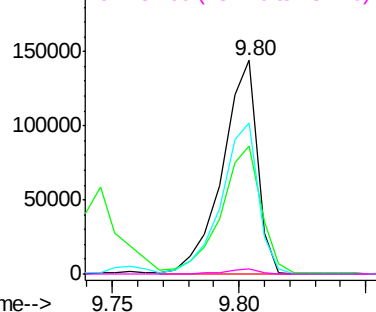
165 100

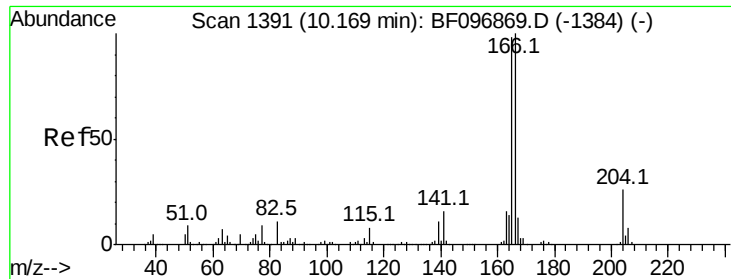
63 59.7 25.4 38.0#

89 71.0 46.4 69.6#

182 2.5 1.8 2.6

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.848 ng

RT: 10.15 min Scan# 1388

Delta R.T. -0.03 min

Lab File: BF096907.D

Acq: 20 Jul 2017 15:53

Instrument :

BNA_F

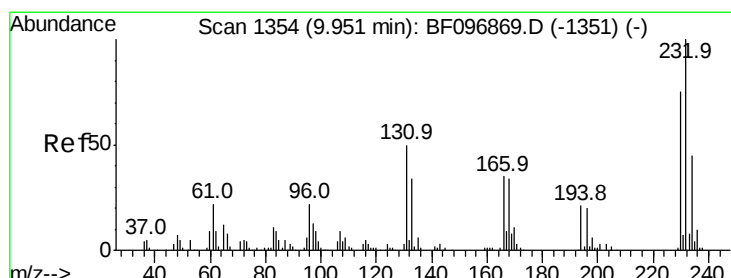
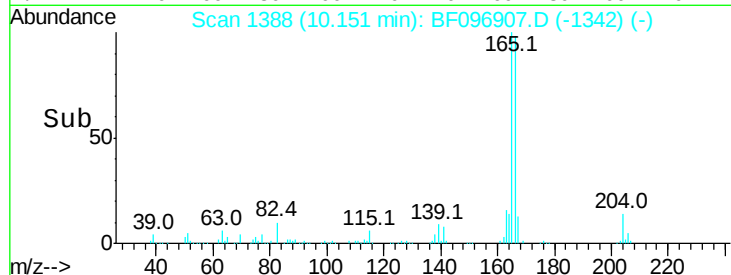
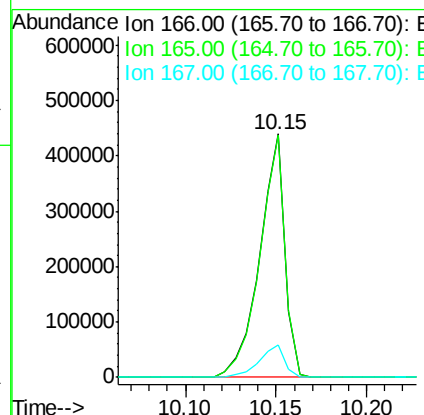
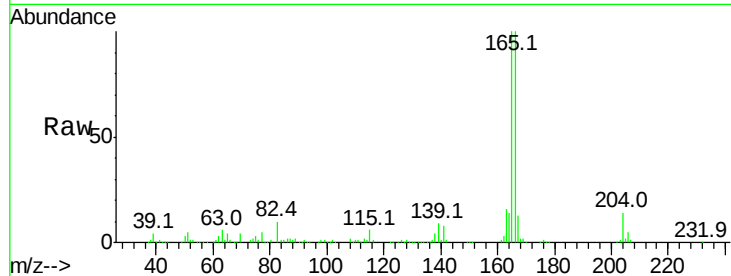
ClientSampleId :

IDOC-S-04

Tot Ion:	166	Resp:	423216
Ion Ratio	Lower	Upper	
166	100		
165	99.8	78.8	118.2
167	13.5	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 45.402 ng

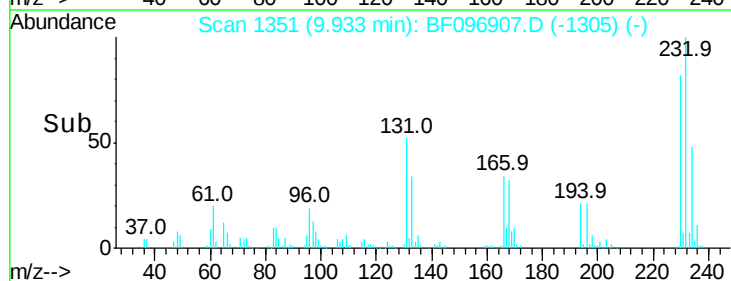
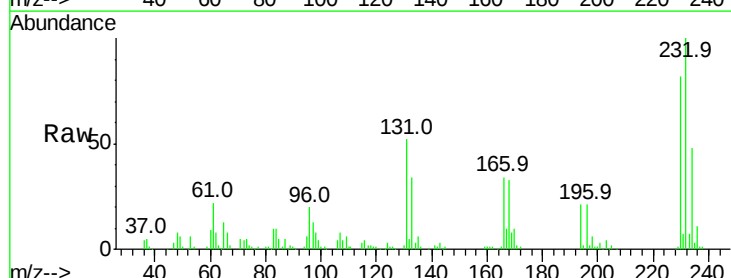
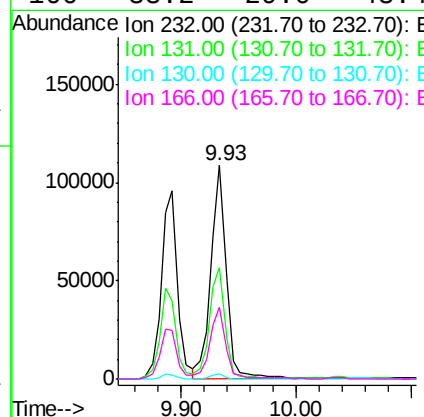
RT: 9.93 min Scan# 1351

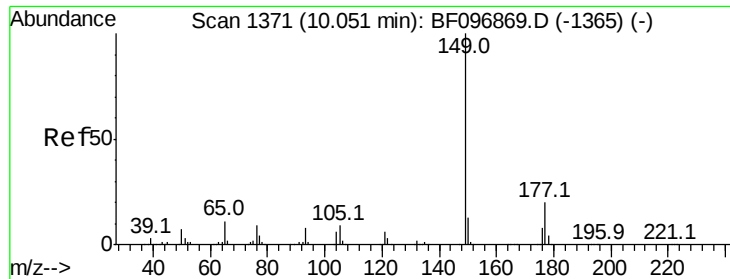
Delta R.T. -0.03 min

Lab File: BF096907.D

Acq: 20 Jul 2017 15:53

Tgt Ion:	232	Resp:	101607
Ion Ratio	Lower	Upper	
232	100		
131	54.7	44.8	67.2
130	2.2	2.3	3.5#
166	33.2	29.0	43.4





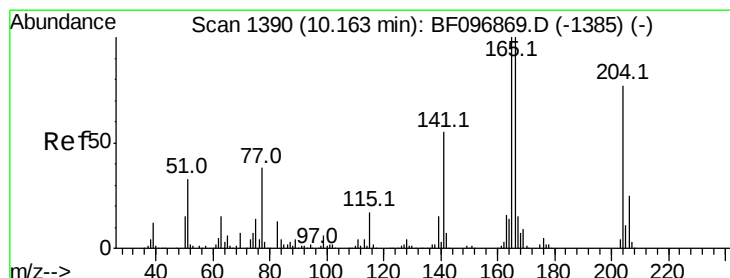
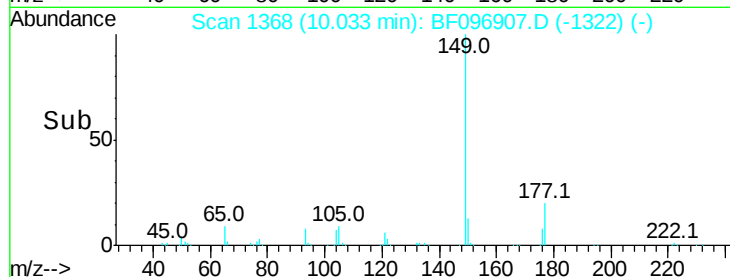
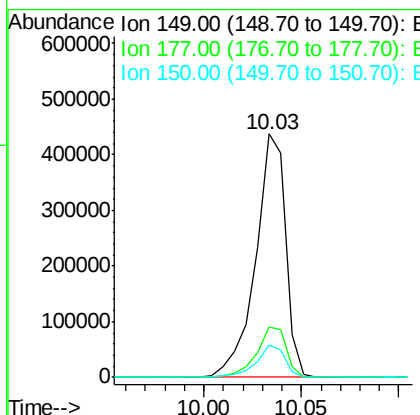
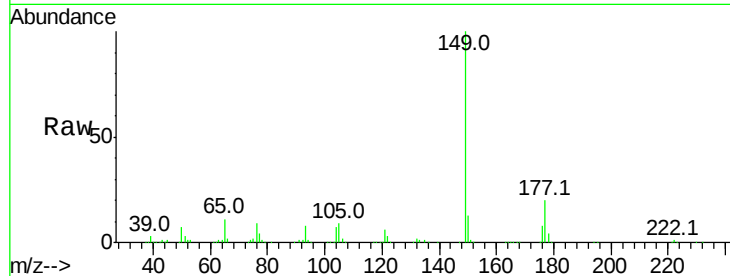
#59
Diethylphthalate
Concen: 39.581 ng
RT: 10.03 min Scan# 1368
Delta R.T. -0.03 min
Lab File: BF096907.D
Acq: 20 Jul 2017 15:53

Instrument :
BNA_F
ClientSampled :
IDOC-S-04

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.5	16.7	25.1
150	13.4	10.2	15.2

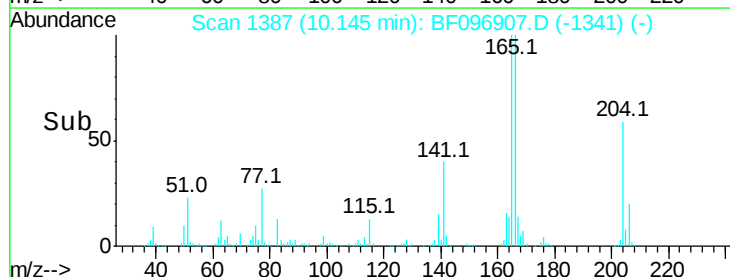
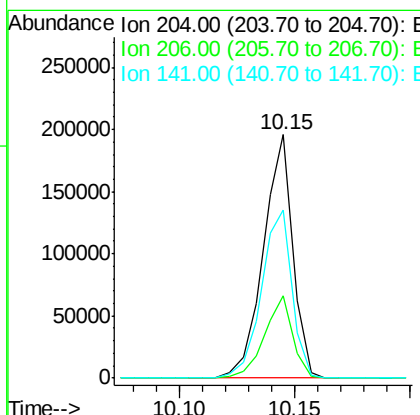
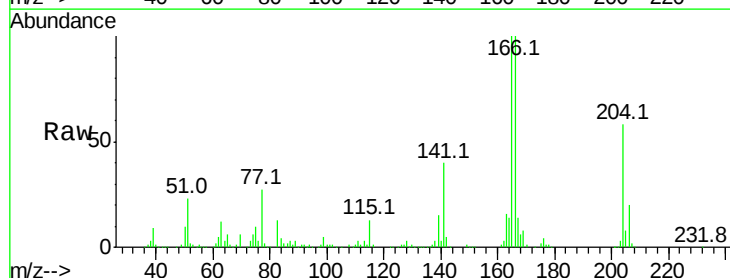
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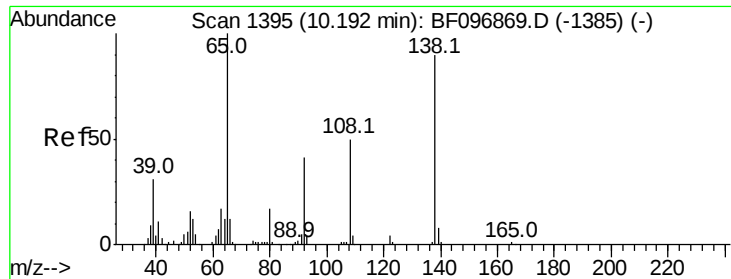
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 41.504 ng
RT: 10.15 min Scan# 1387
Delta R.T. -0.03 min
Lab File: BF096907.D
Acq: 20 Jul 2017 15:53

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.2	39.2
141	69.1	60.8	91.2





#61

4-Nitroaniline

Concen: 43.985 ng

RT: 10.17 min Scan# 1392

Delta R.T. -0.03 min

Lab File: BF096907.D

Acq: 20 Jul 2017 15:53

Instrument :

BNA_F

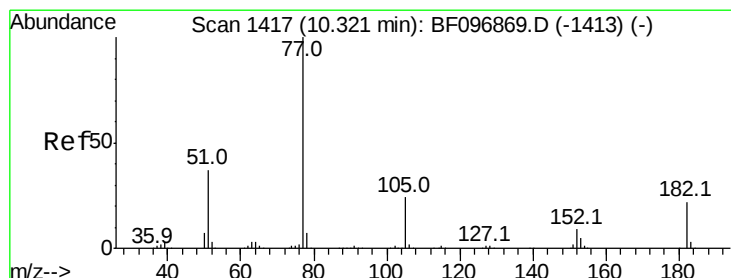
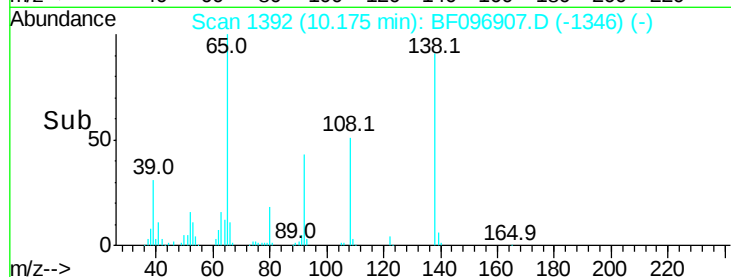
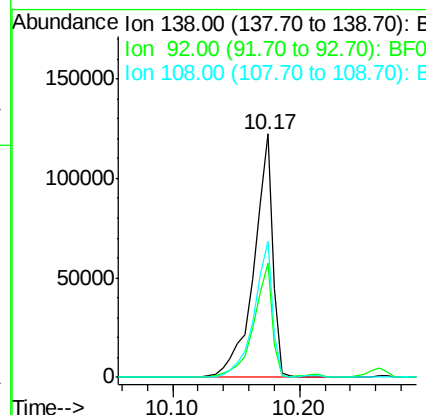
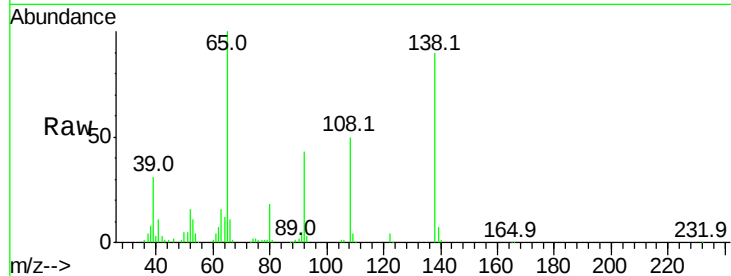
ClientSampleId :

IDOC-S-04

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.2	21.8	61.8
108	55.8	42.3	82.3

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#62

Azobenzene

Concen: 41.982 ng

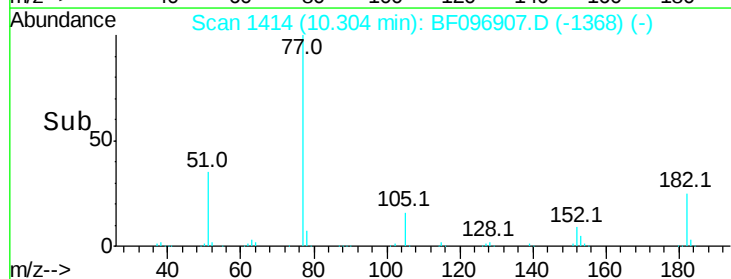
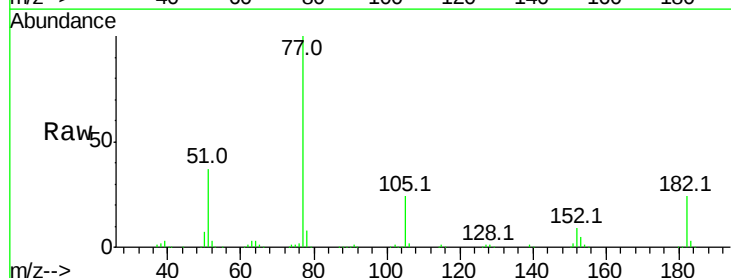
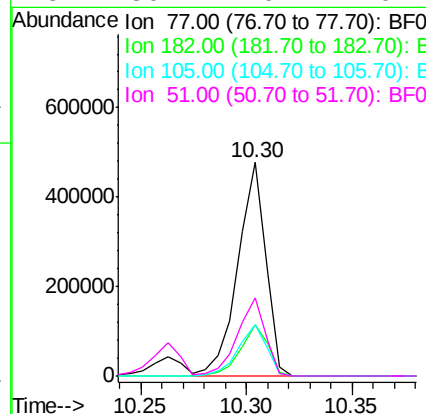
RT: 10.30 min Scan# 1414

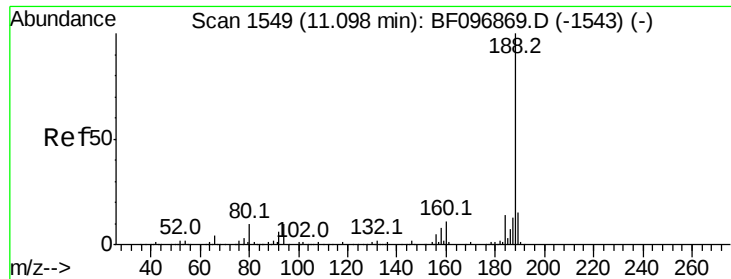
Delta R.T. -0.03 min

Lab File: BF096907.D

Acq: 20 Jul 2017 15:53

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.2	0.1	40.1
105	24.1	3.6	43.6
51	36.7	9.4	49.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.07 min Scan# 1545

Delta R.T. -0.03 min

Lab File: BF096907.D

Acq: 20 Jul 2017 15:53

Instrument :

BNA_F

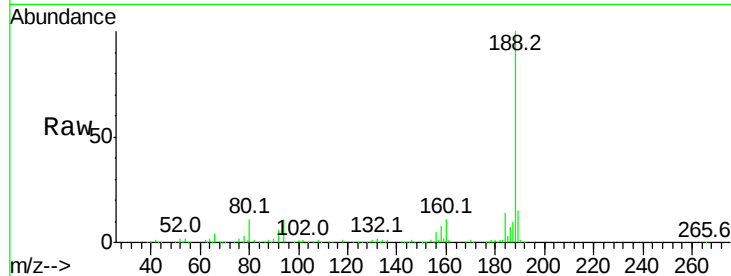
ClientSampleId :

IDOC-S-04

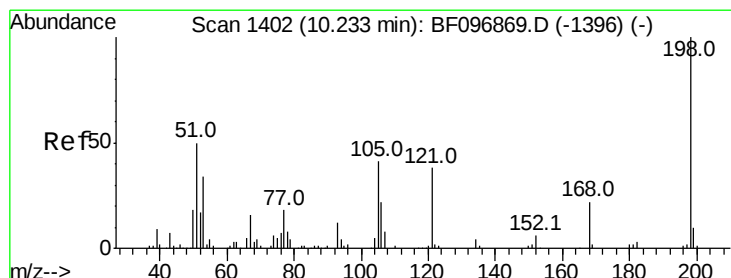
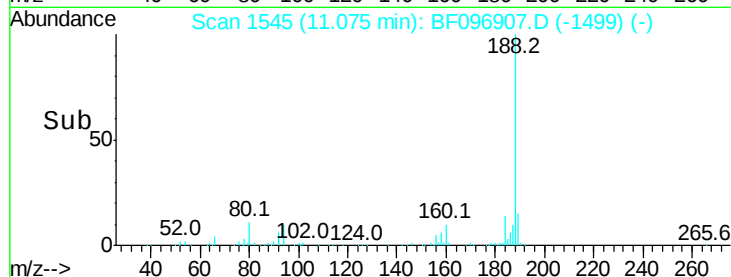
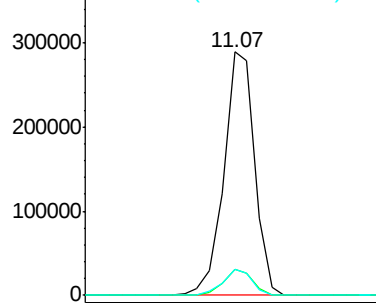
Tot Ion:	188	Resp:	293243
Ion Ratio	Lower	Upper	
188	100		
94	10.8	9.4	14.2
80	10.6	10.2	15.2

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Abundance Ion 188.00 (187.70 to 188.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 39.043 ng

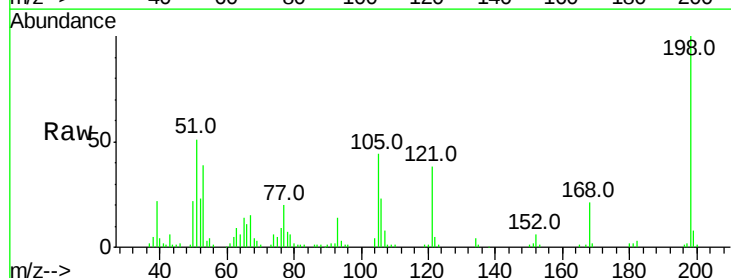
RT: 10.22 min Scan# 1399

Delta R.T. -0.02 min

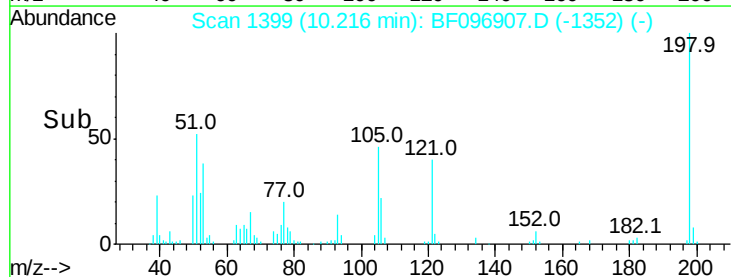
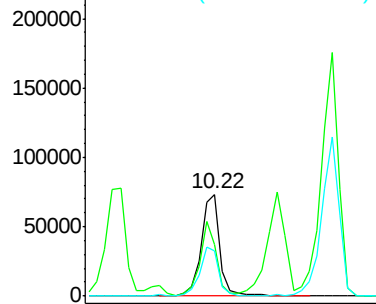
Lab File: BF096907.D

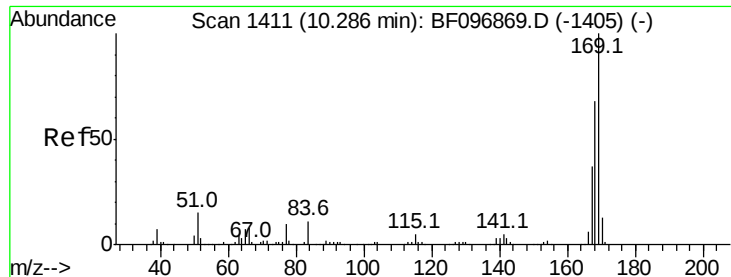
Acq: 20 Jul 2017 15:53

Tgt Ion:	198	Resp:	71884
Ion Ratio	Lower	Upper	
198	100		
51	50.7	53.2	93.2#
105	44.2	45.8	85.8#



Abundance Ion 198.00 (197.70 to 198.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.401 ng

RT: 10.26 min Scan# 1407

Delta R.T. -0.03 min

Lab File: BF096907.D

Acq: 20 Jul 2017 15:53

Instrument :

BNA_F

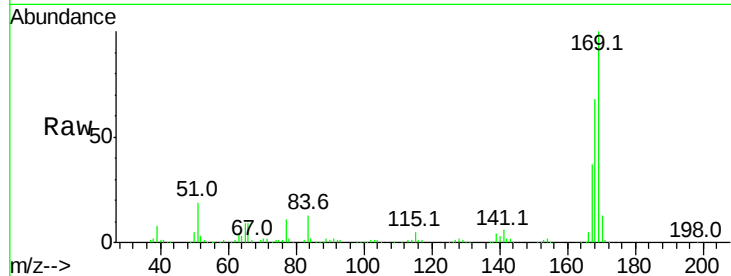
ClientSampled :

IDOC-S-04

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.7	53.2	79.8
167	36.7	29.5	44.3

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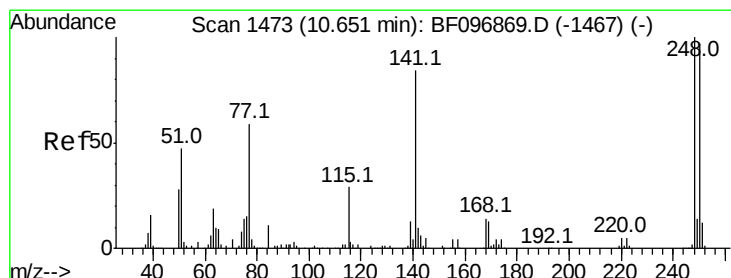
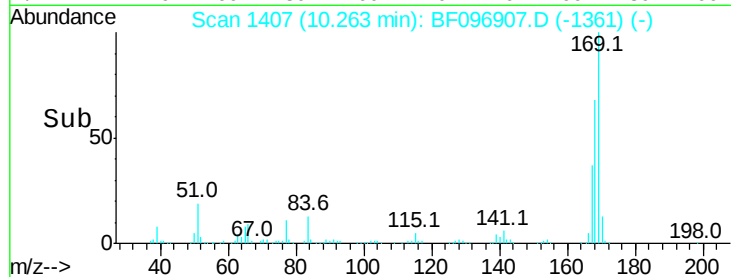
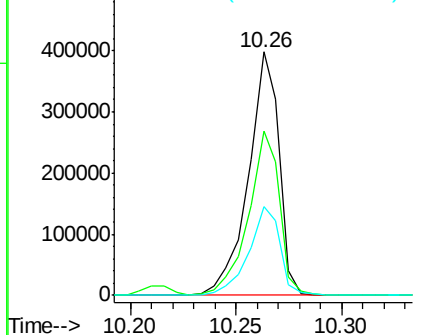
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.428 ng

RT: 10.63 min Scan# 1469

Delta R.T. -0.03 min

Lab File: BF096907.D

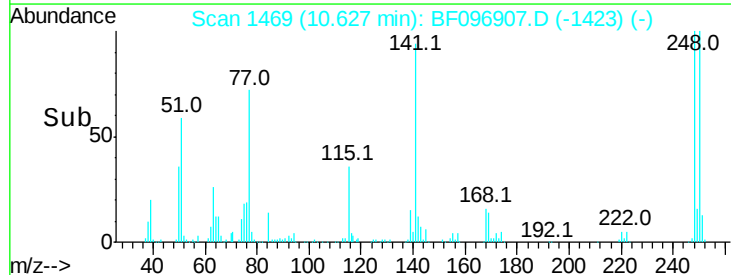
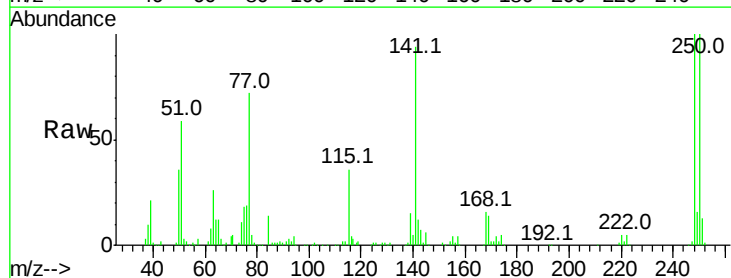
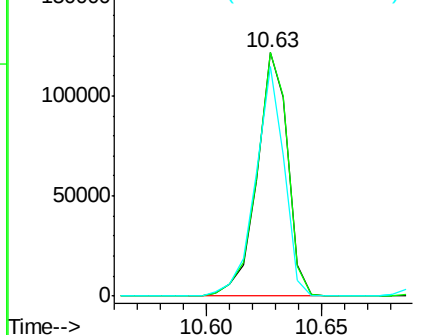
Acq: 20 Jul 2017 15:53

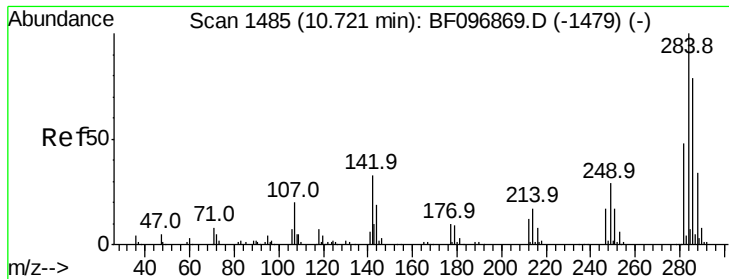
Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.9	76.8	115.2
141	94.1	68.6	103.0

Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.767 ng

RT: 10.70 min Scan# 1481

Delta R.T. -0.03 min

Lab File: BF096907.D

Acq: 20 Jul 2017 15:53

Instrument :

BNA_F

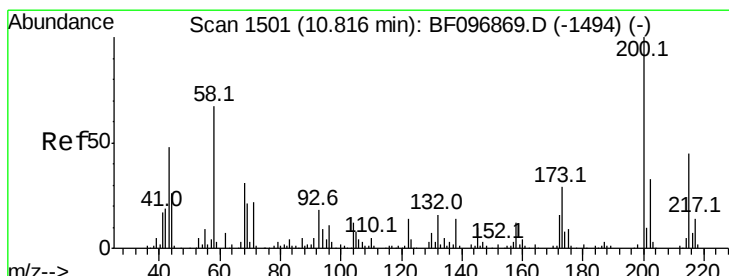
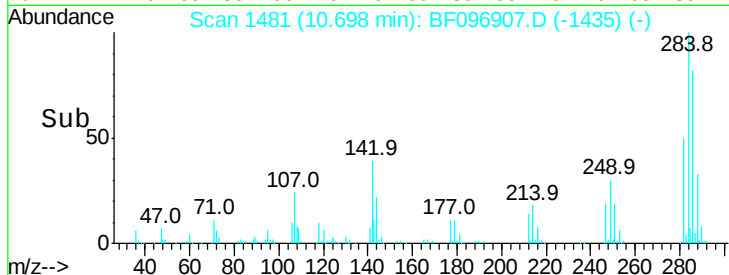
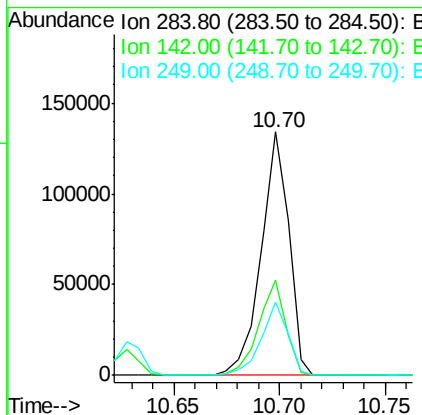
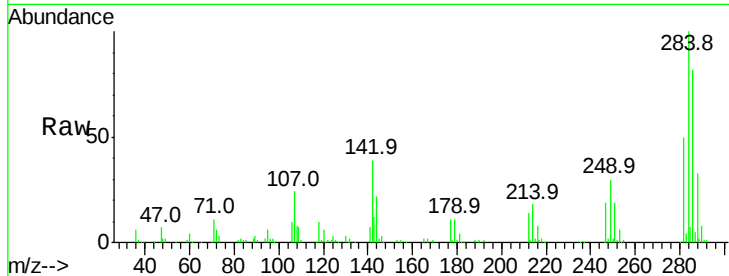
ClientSampleId :

IDOC-S-04

Tot Ion:	284	Resp:	122598
Ion Ratio	Lower	Upper	
284	100		
142	39.0	22.8	34.2#
249	30.3	24.0	36.0

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#68

Atrazine

Concen: 40.678 ng

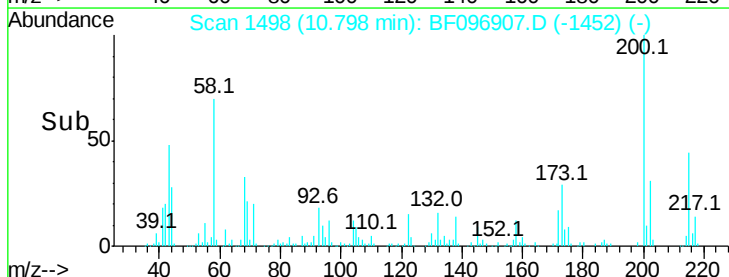
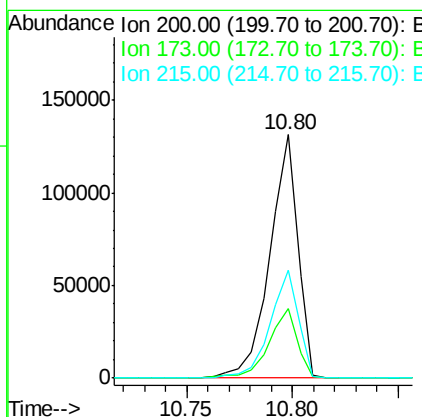
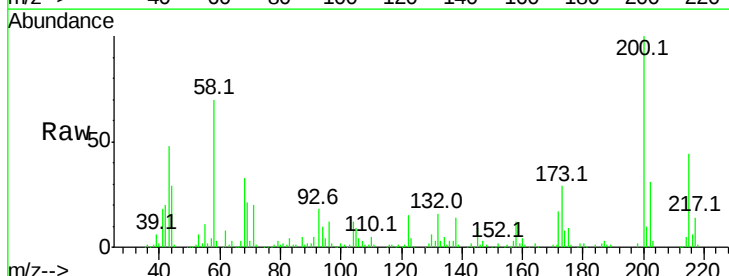
RT: 10.80 min Scan# 1498

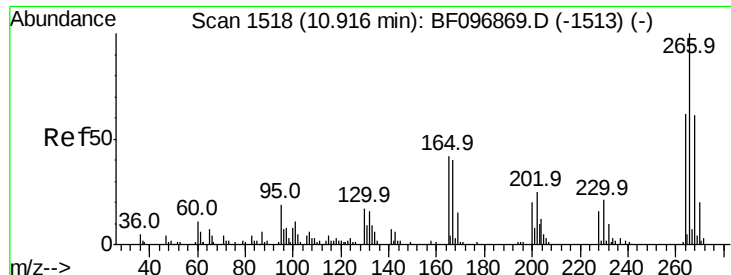
Delta R.T. -0.03 min

Lab File: BF096907.D

Acq: 20 Jul 2017 15:53

Tgt Ion:	200	Resp:	121480
Ion Ratio	Lower	Upper	
200	100		
173	28.6	6.3	46.3
215	44.1	27.2	67.2





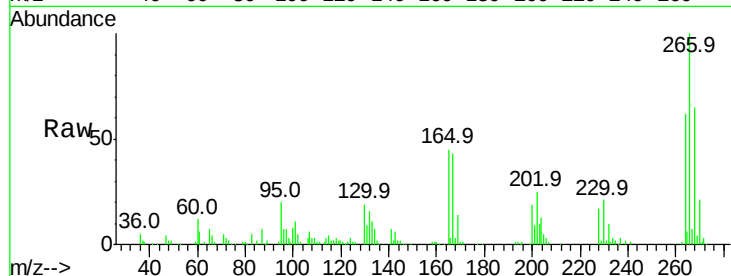
#69
 Pentachlorophenol
 Concen: 69.794 ng
 RT: 10.90 min Scan# 1515
 Delta R.T. -0.02 min
 Lab File: BF096907.D
 Acq: 20 Jul 2017 15:53

Instrument :
 BNA_F
 ClientSampled :
 IDOC-S-04

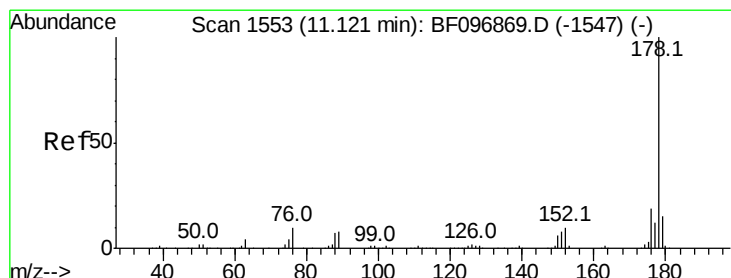
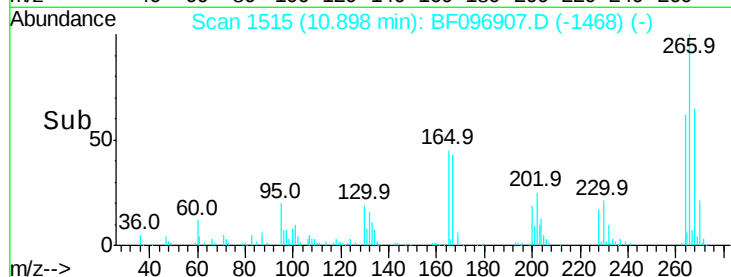
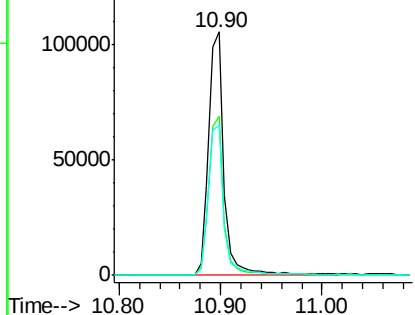
Tot Ion	Ratio	Resp	Lower	Upper
266	100	112430		
268	65.2		51.1	76.7
264	61.9		51.7	77.5

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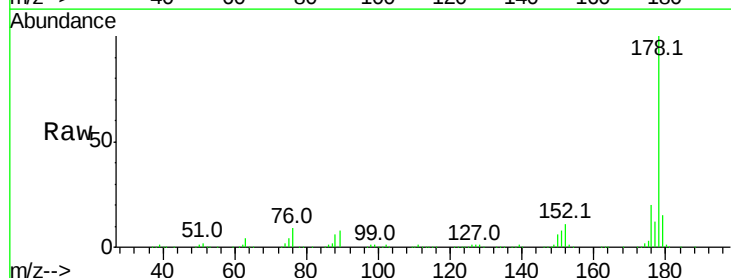


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

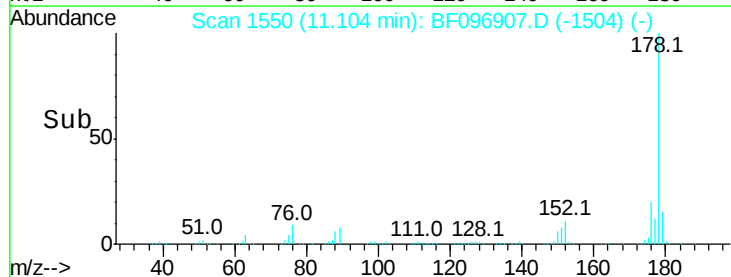
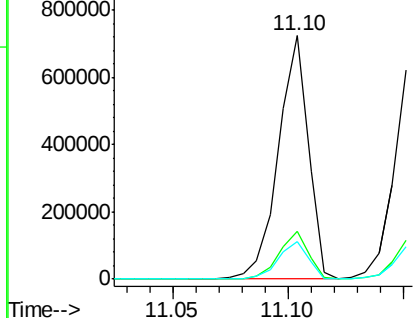


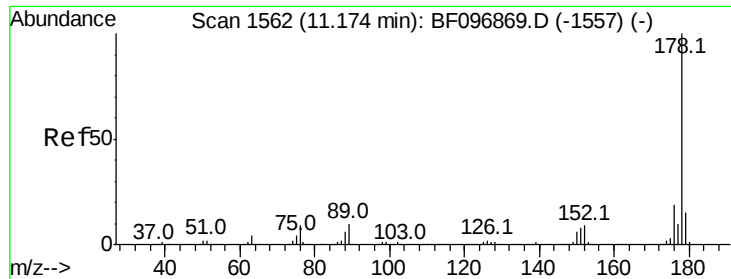
#70
 Phenanthrene
 Concen: 40.756 ng
 RT: 11.10 min Scan# 1550
 Delta R.T. -0.03 min
 Lab File: BF096907.D
 Acq: 20 Jul 2017 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	649832		
176	19.7		16.2	24.4
179	15.5		12.6	19.0



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





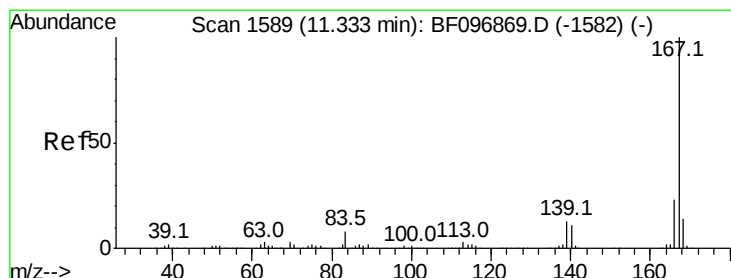
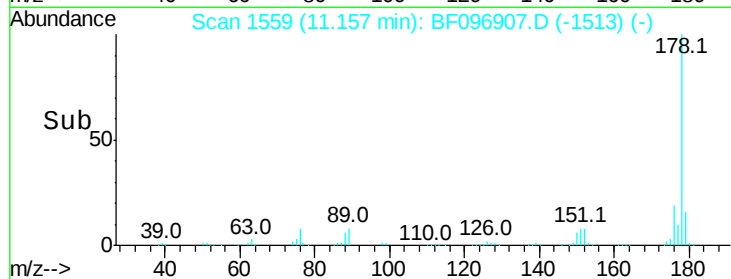
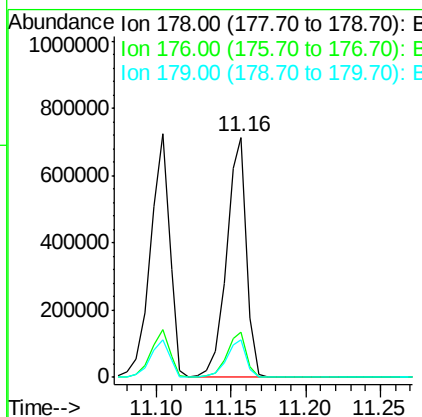
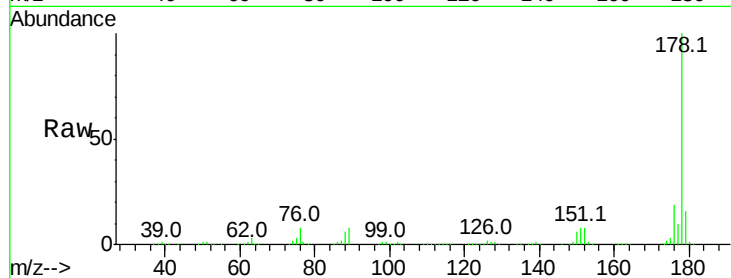
#71
 Anthracene
 Concen: 41.856 ng
 RT: 11.16 min Scan# 1559
 Delta R.T. -0.03 min
 Lab File: BF096907.D
 Acq: 20 Jul 2017 15:53

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-S-04

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.5	12.7	19.1

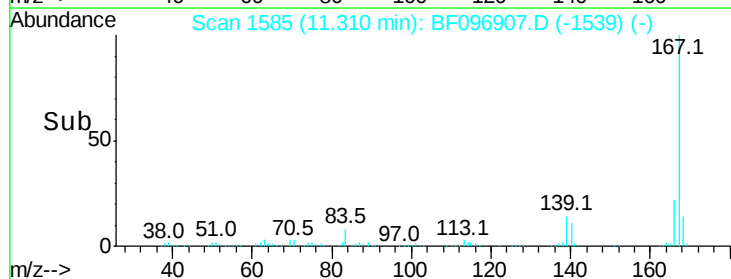
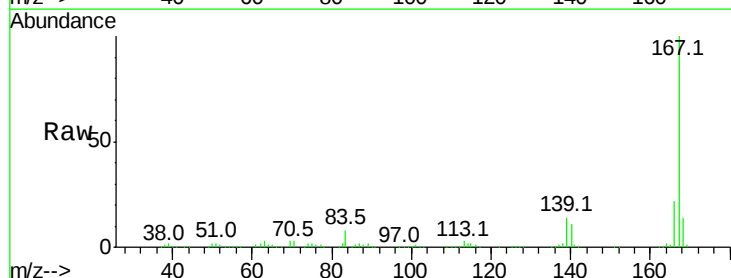
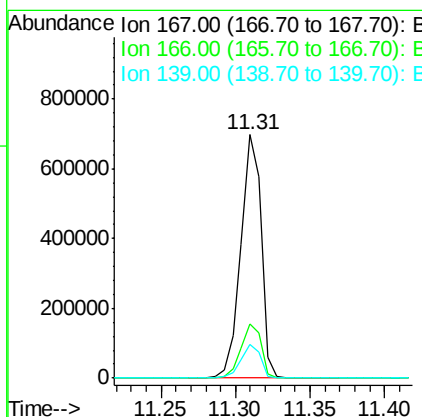
Manual Integrations
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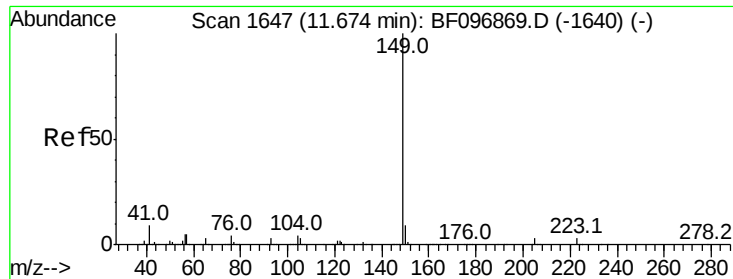
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#72
 Carbazole
 Concen: 42.512 ng
 RT: 11.31 min Scan# 1585
 Delta R.T. -0.03 min
 Lab File: BF096907.D
 Acq: 20 Jul 2017 15:53

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.1	27.1
139	13.7	11.7	17.5





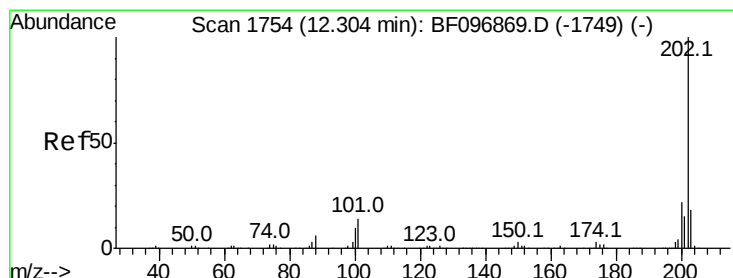
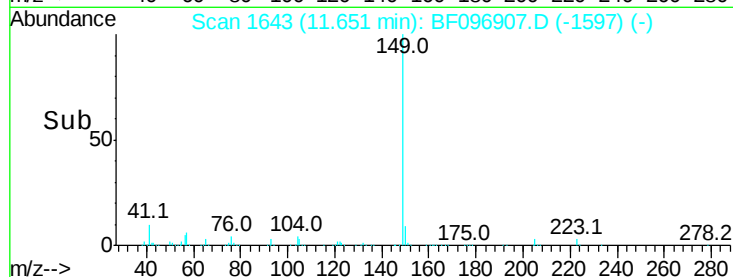
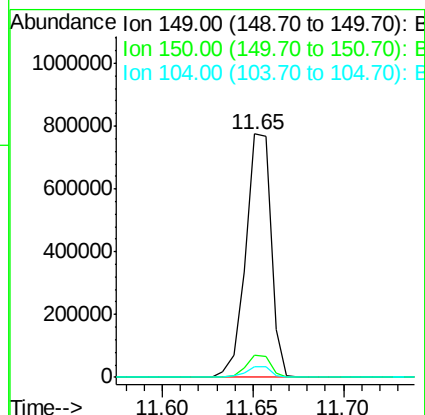
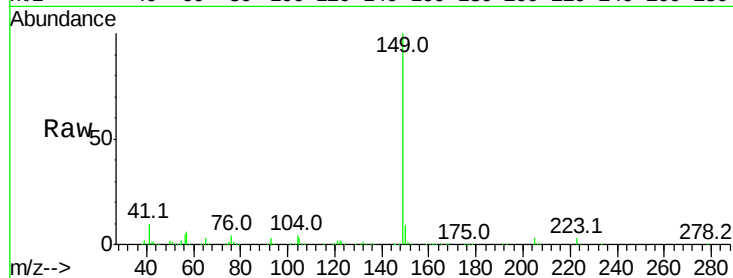
#73
Di-n-butylphthalate
Concen: 38.665 ng
RT: 11.65 min Scan# 1643
Delta R.T. -0.03 min
Lab File: BF096907.D
Acq: 20 Jul 2017 15:53

Instrument :
BNA_F
ClientSampled :
IDOC-S-04

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.3	7.7	11.5	
104	4.5	4.0	6.0	

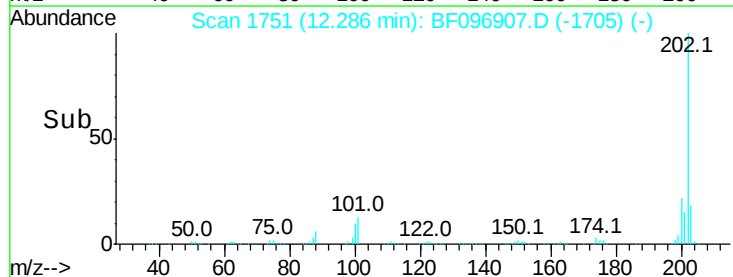
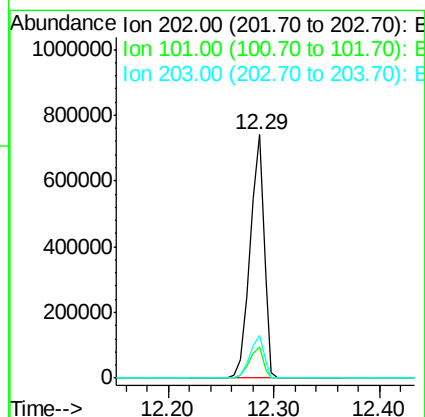
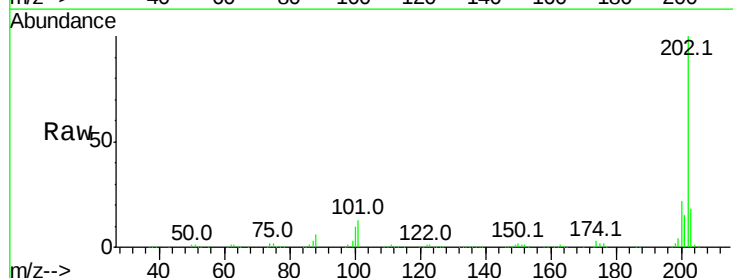
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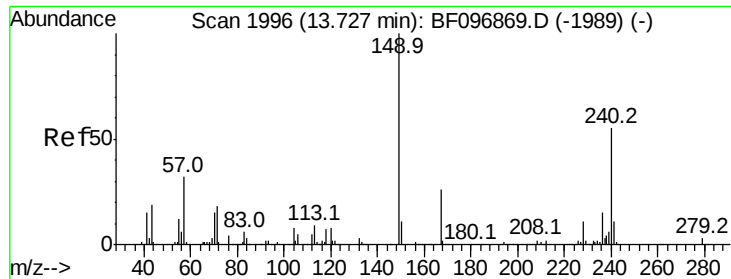
Sohil
7/21/2017 1:05:48 PM



#74
Fluoranthene
Concen: 44.772 ng
RT: 12.29 min Scan# 1751
Delta R.T. -0.03 min
Lab File: BF096907.D
Acq: 20 Jul 2017 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	13.0	0.0	33.2	
203	17.5	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.71 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BF096907.D

Acq: 20 Jul 2017 15:53

Instrument :

BNA_F

ClientSampleId :

IDOC-S-04

Tot Ion:240 Resp: 213575

Ion Ratio Lower Upper

240 100

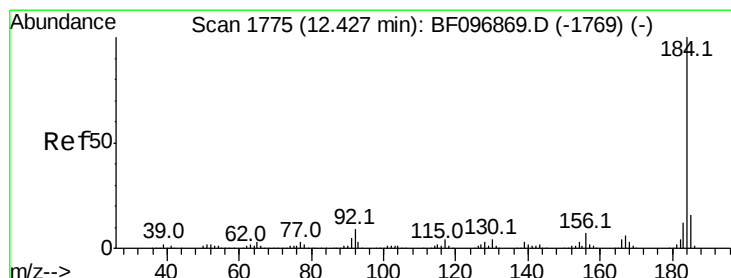
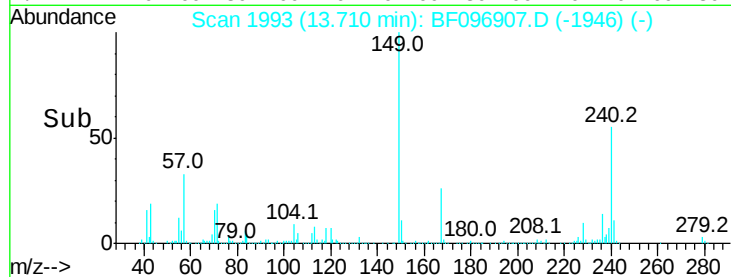
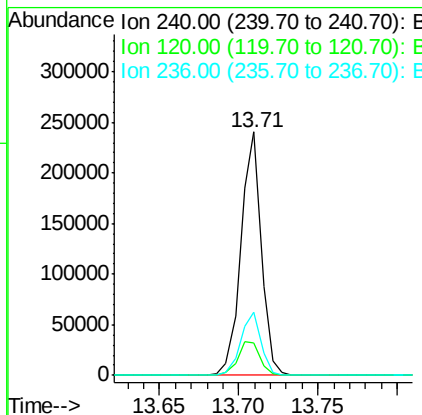
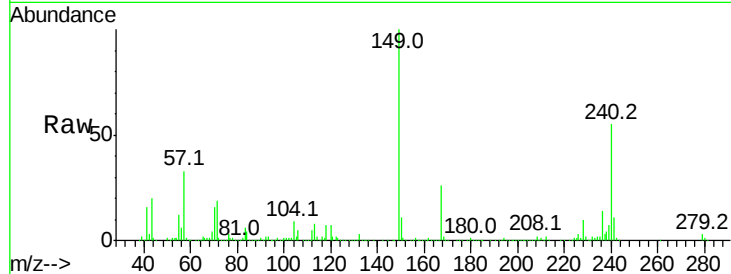
120 13.5 5.8 8.8#

236 25.8 20.5 30.7

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#76

Benzidine

Concen: 34.577 ng

RT: 12.41 min Scan# 1772

Delta R.T. -0.02 min

Lab File: BF096907.D

Acq: 20 Jul 2017 15:53

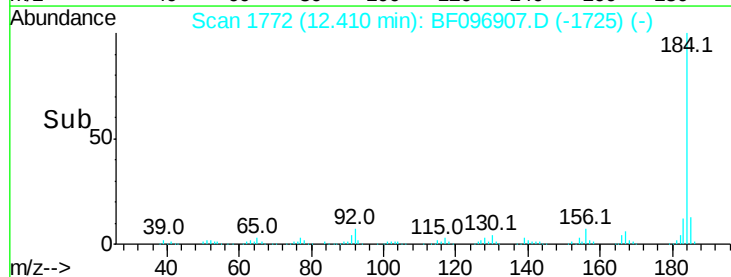
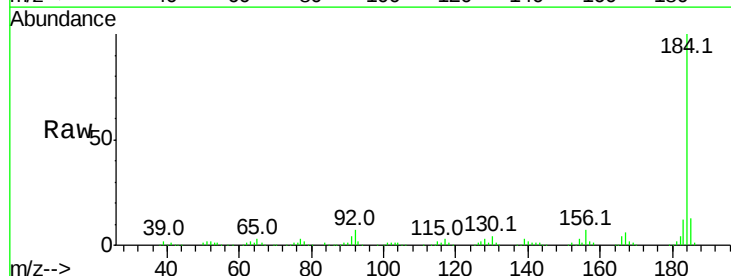
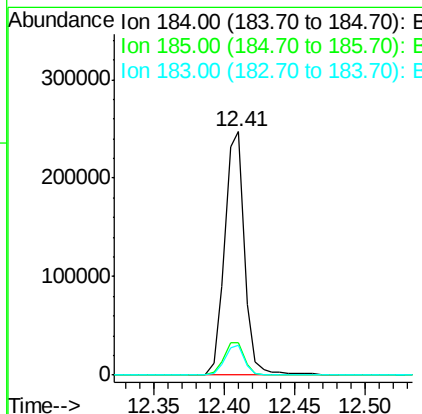
Tgt Ion:184 Resp: 241926

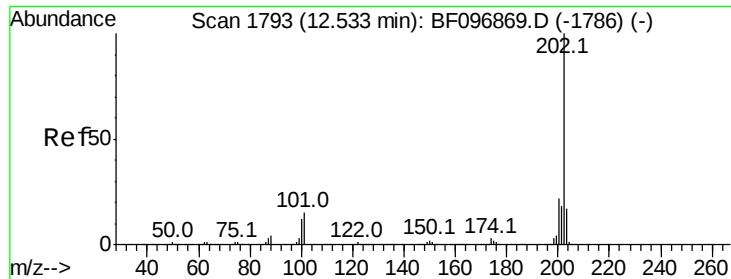
Ion Ratio Lower Upper

184 100

185 13.4 15.5 23.3#

183 12.0 9.8 14.6





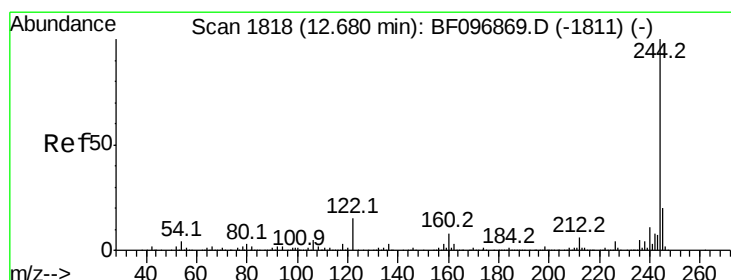
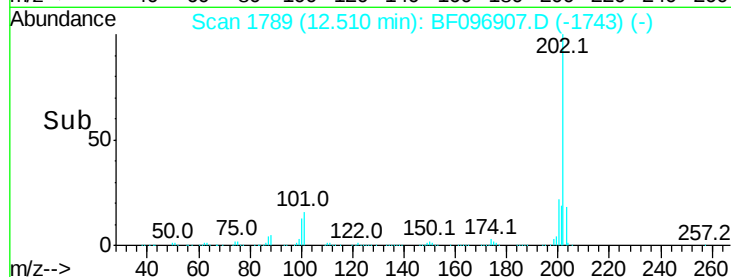
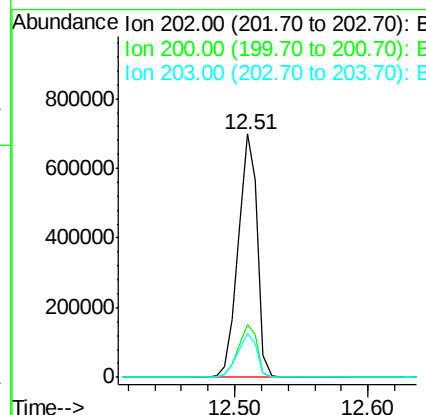
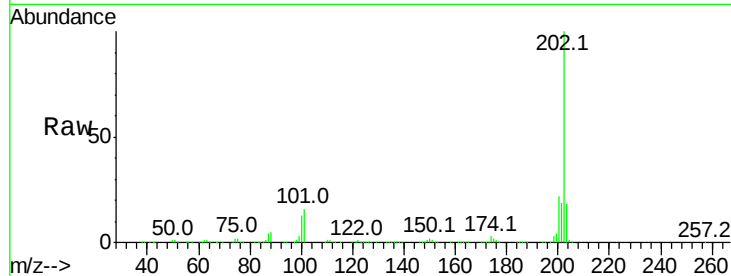
#77
Pvrene
Concen: 36.233 ng
RT: 12.51 min Scan# 1789
Delta R.T. -0.03 min
Lab File: BF096907.D
Acq: 20 Jul 2017 15:53

Instrument :
BNA_F
ClientSampleId :
IDOC-S-04

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.6	26.4
203	18.0	14.4	21.6

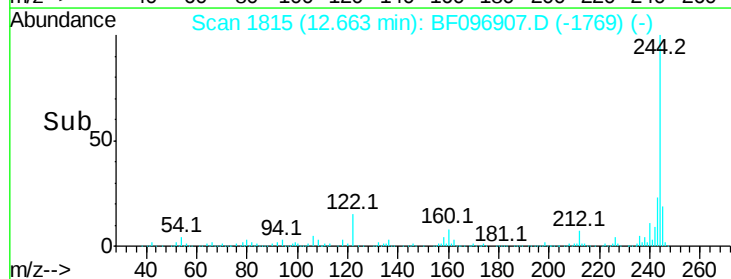
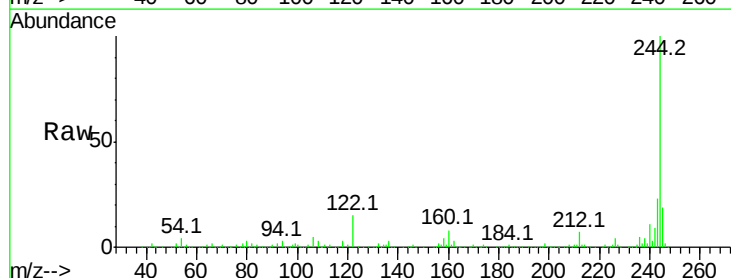
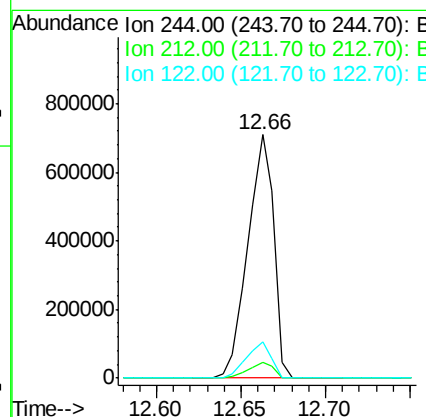
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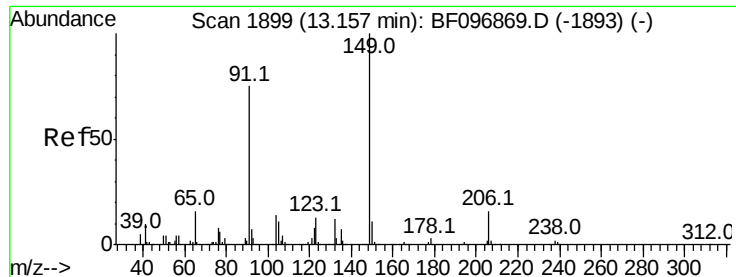
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#78
Terphenyl-d14
Concen: 61.850 ng
RT: 12.66 min Scan# 1815
Delta R.T. -0.03 min
Lab File: BF096907.D
Acq: 20 Jul 2017 15:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	14.9	10.3	15.5





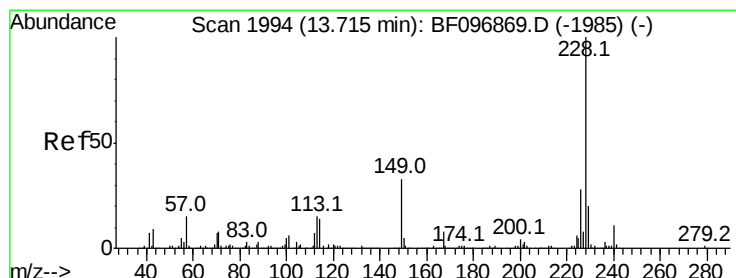
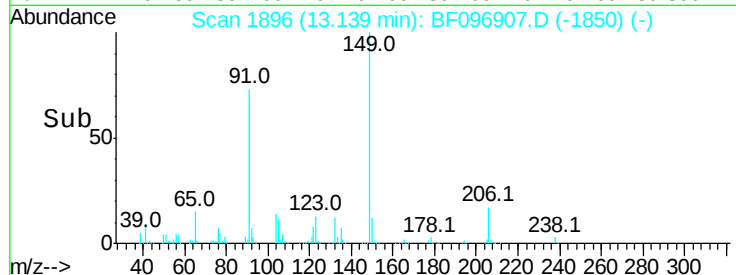
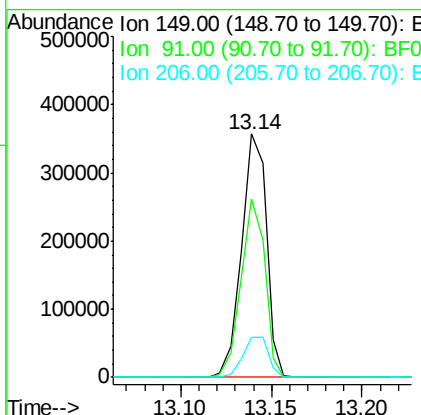
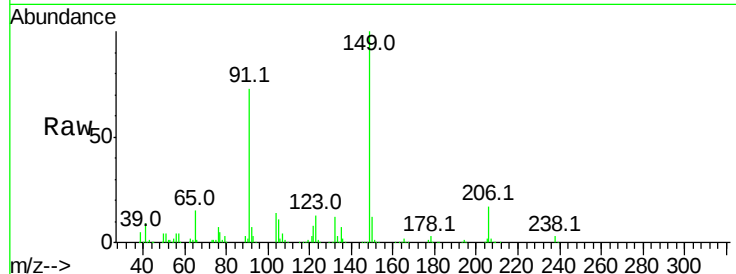
#79
Butylbenzylphthalate
Concen: 36.977 ng
RT: 13.14 min Scan# 1896
Delta R.T. -0.03 min
Lab File: BF096907.D
Acq: 20 Jul 2017 15:53

Instrument :
BNA_F
ClientSampleId :
IDOC-S-04

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	73.2	45.0	67.4#	
206	16.5	17.0	25.6#	

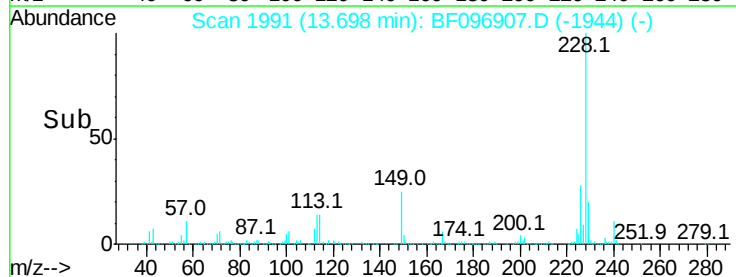
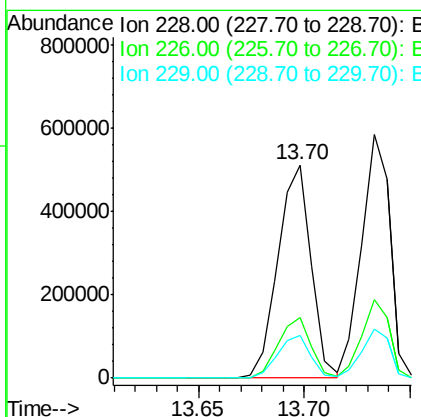
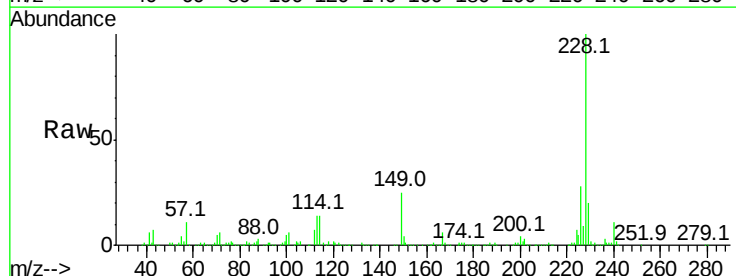
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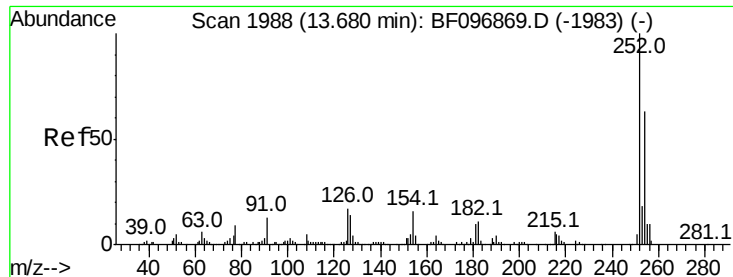
Sohil
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#80
Benzo(a)anthracene
Concen: 42.227 ng
RT: 13.70 min Scan# 1991
Delta R.T. -0.02 min
Lab File: BF096907.D
Acq: 20 Jul 2017 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	28.2	22.6	33.8	
229	19.8	16.3	24.5	





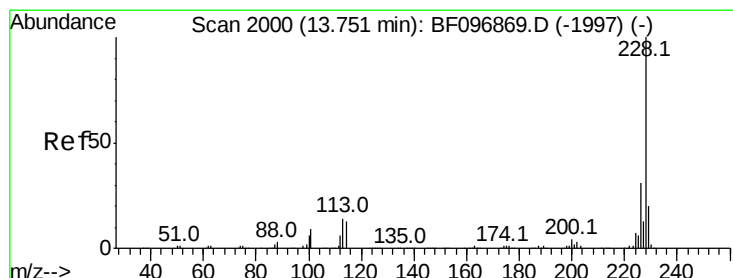
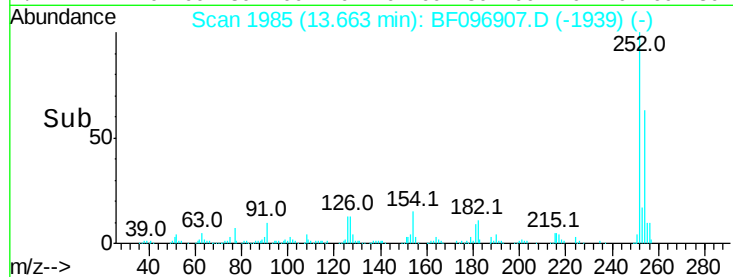
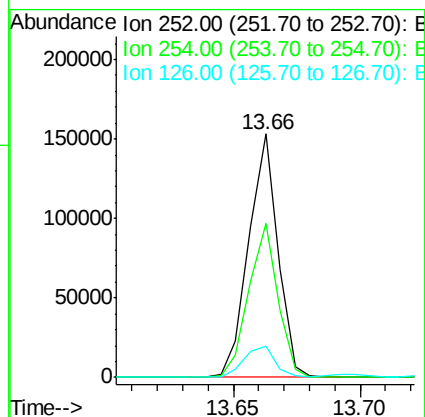
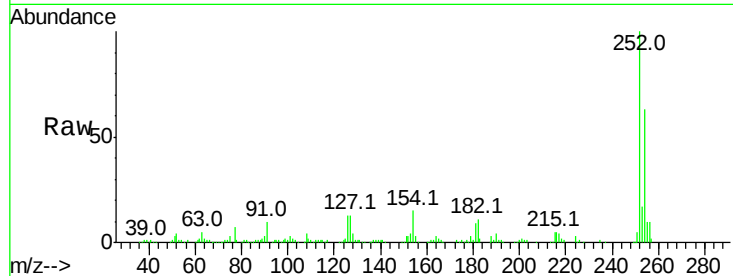
#81
 3,3'-Dichlorobenzidine
 Concen: 25.744 ng
 RT: 13.66 min Scan# 1985
 Delta R.T. -0.03 min
 Lab File: BF096907.D
 Acq: 20 Jul 2017 15:53

Instrument :
 BNA_F
 ClientSampled :
 IDOC-S-04

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.2	51.5	77.3
126	12.8	15.8	23.8#

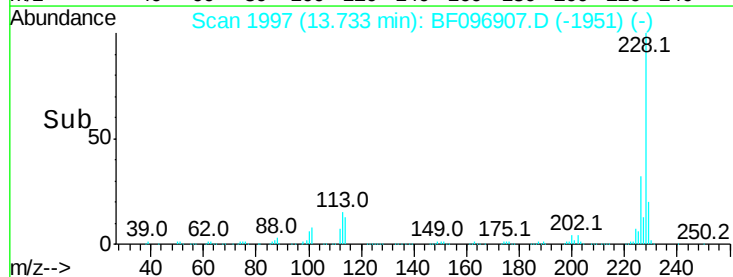
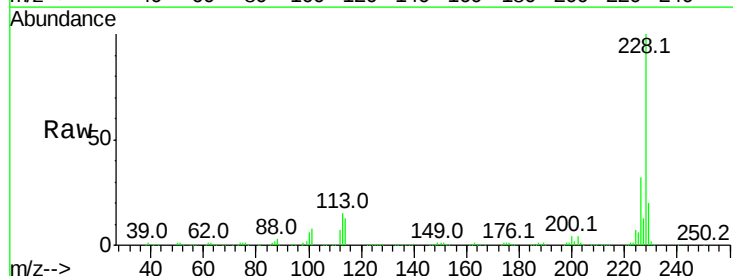
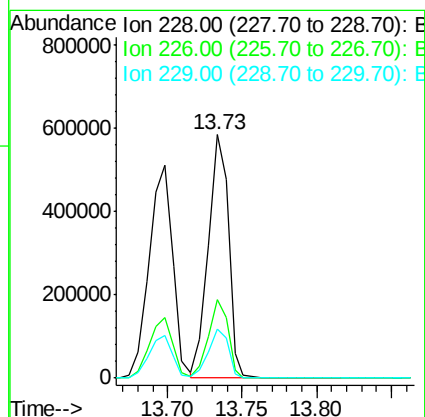
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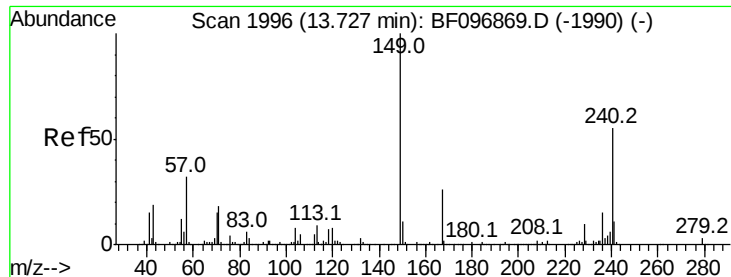
Sohil
 7/21/2017 1:05:48 PM



#82
 Chrysene
 Concen: 41.798 ng
 RT: 13.73 min Scan# 1997
 Delta R.T. -0.03 min
 Lab File: BF096907.D
 Acq: 20 Jul 2017 15:53

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	32.1	24.9	37.3
229	20.3	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.372 ng

RT: 13.71 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BF096907.D

Acq: 20 Jul 2017 15:53

Instrument :

BNA_F

ClientSampled :

IDOC-S-04

Tot Ion:149 Resp: 407930
Ion Ratio Lower Upper

149 100

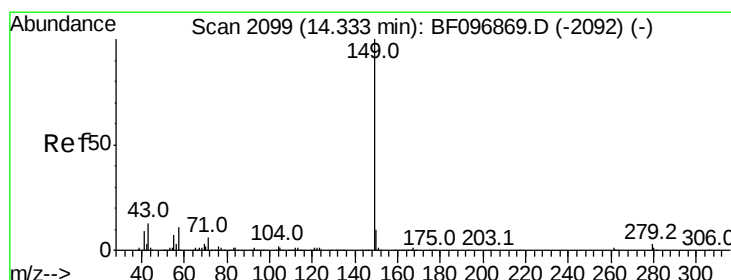
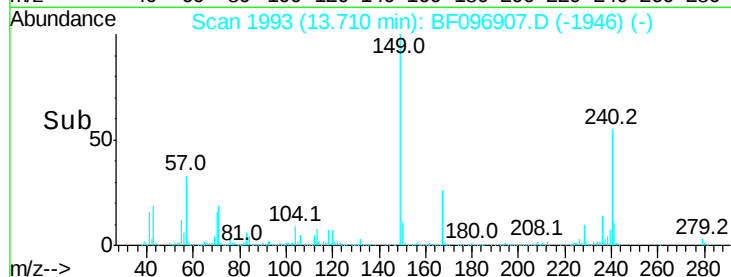
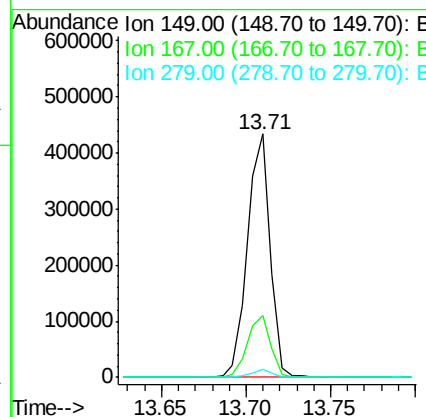
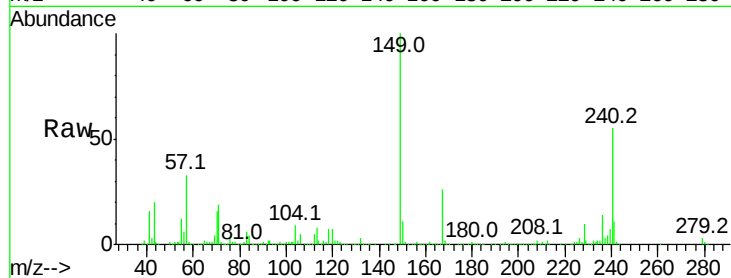
167 25.5 21.0 31.4

279 3.1 1.9 2.9#

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#84

Di-n-octyl phthalate

Concen: 41.541 ng

RT: 14.32 min Scan# 2096

Delta R.T. -0.02 min

Lab File: BF096907.D

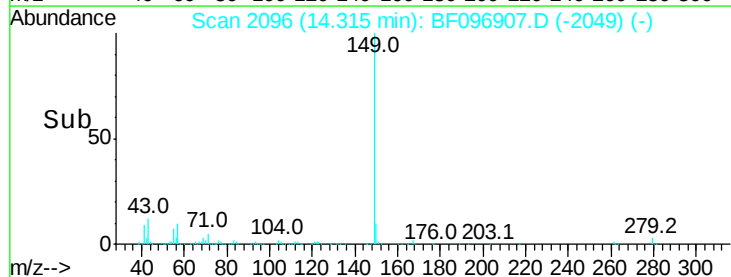
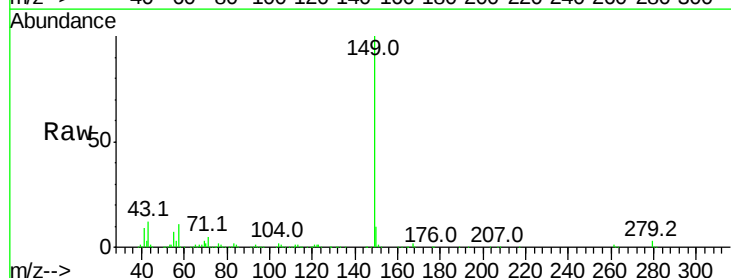
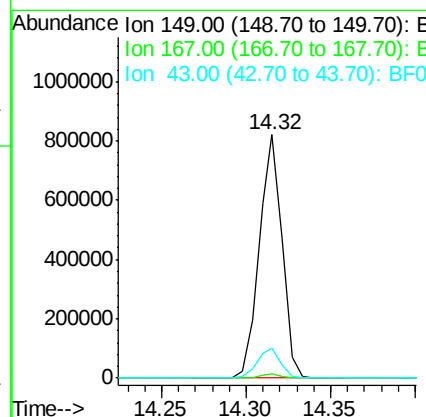
Acq: 20 Jul 2017 15:53

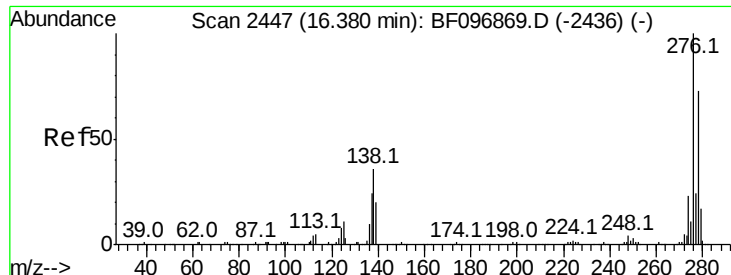
Tgt Ion:149 Resp: 770141
Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 12.5 8.5 12.7





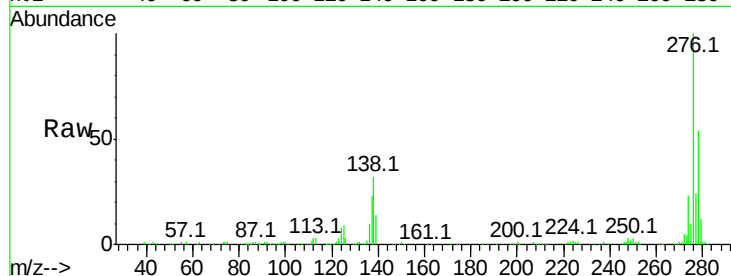
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.826 ng
RT: 16.34 min Scan# 2441
Delta R.T. -0.05 min
Lab File: BF096907.D
Acq: 20 Jul 2017 15:53

Instrument :
BNA_F
ClientSampleId :
IDOC-S-04

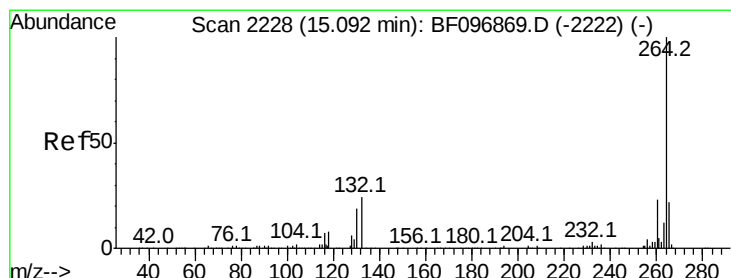
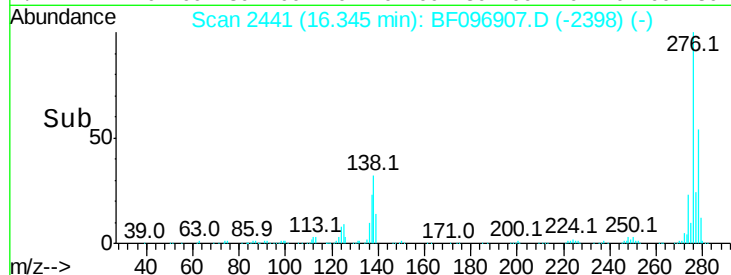
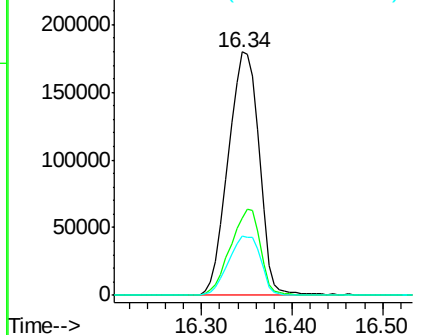
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.1	27.8	41.6
277	25.2	20.2	30.4

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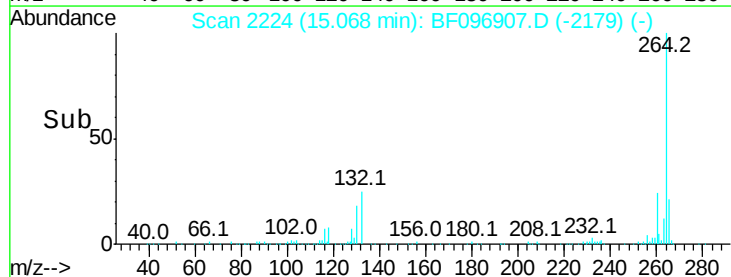
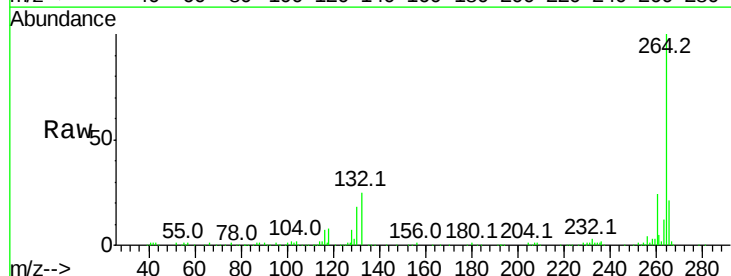
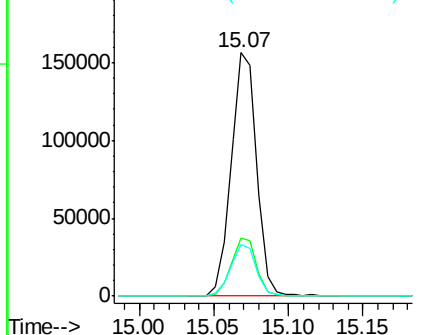
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

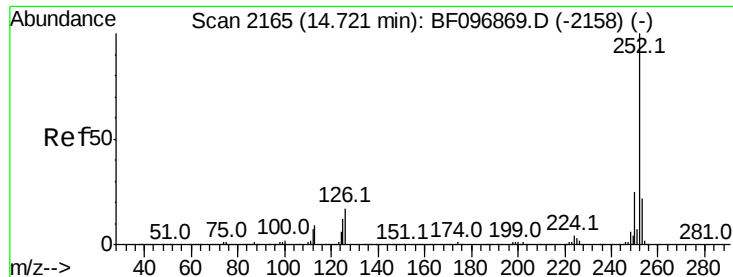


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.07 min Scan# 2224
Delta R.T. -0.04 min
Lab File: BF096907.D
Acq: 20 Jul 2017 15:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.0	17.2	25.8

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





#87

Benzo(b)fluoranthene

Concen: 45.757 ng

RT: 14.70 min Scan# 2162

Delta R.T. -0.02 min

Lab File: BF096907.D

Acq: 20 Jul 2017 15:53

Instrument :

BNA_F

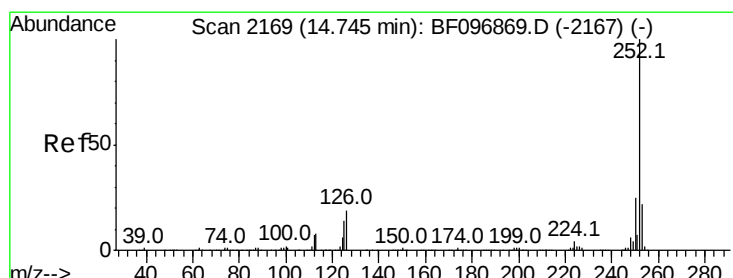
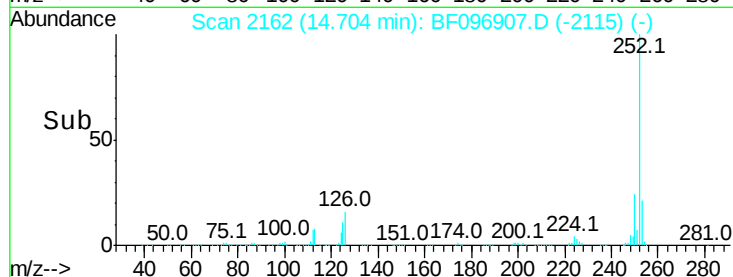
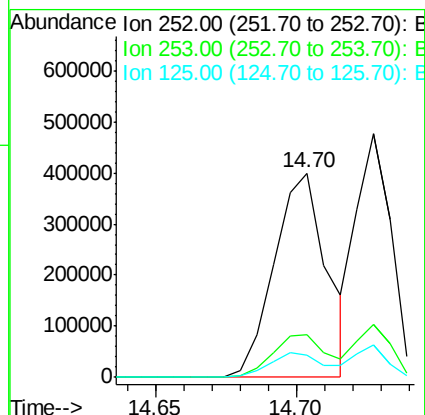
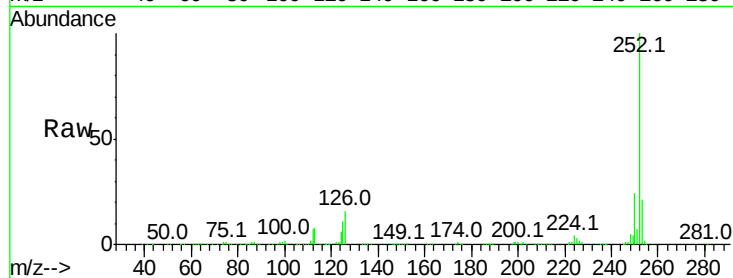
ClientSampleId :

IDOC-S-04

Tot Ion:	252	Resp:	516070
Ion Ratio	Lower	Upper	
252	100		
253	20.7	18.1	27.1
125	10.9	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 38.885 ng

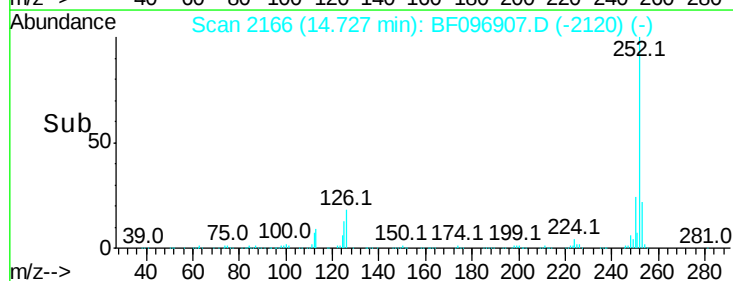
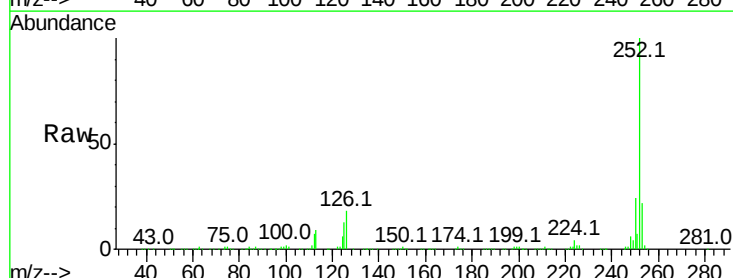
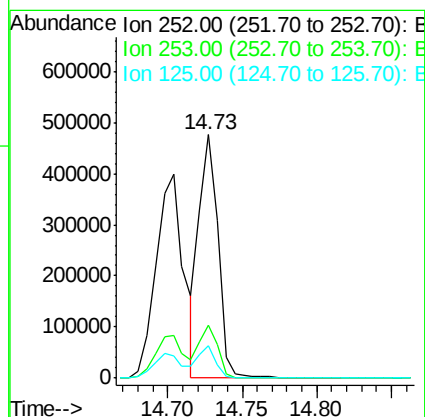
RT: 14.73 min Scan# 2166

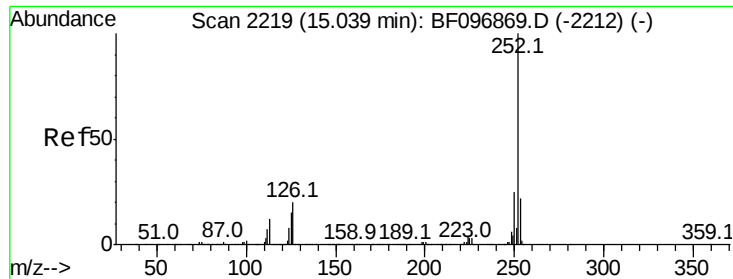
Delta R.T. -0.03 min

Lab File: BF096907.D

Acq: 20 Jul 2017 15:53

Tgt Ion:	252	Resp:	415295
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.4	27.6
125	13.1	13.1	19.7





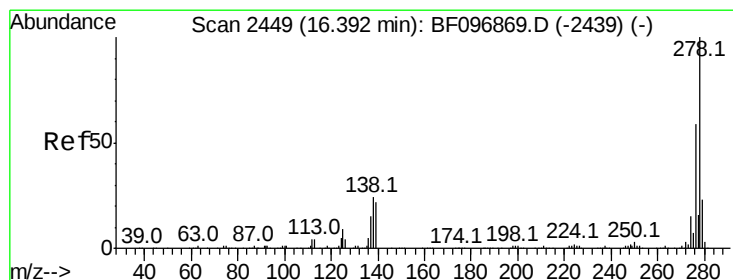
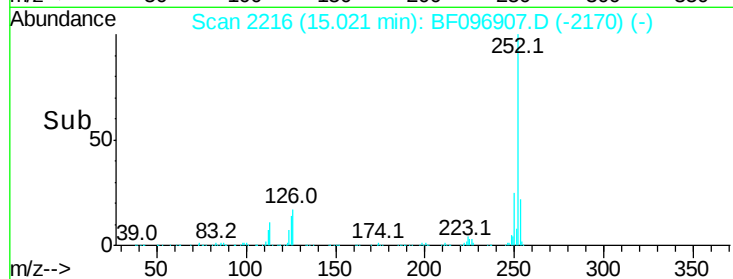
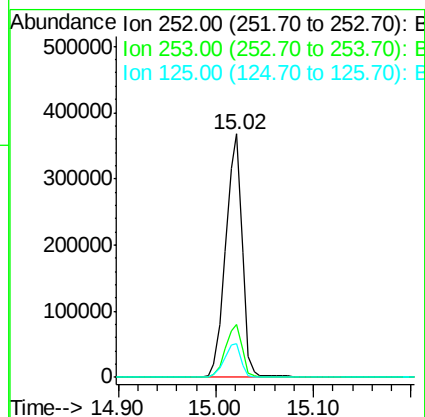
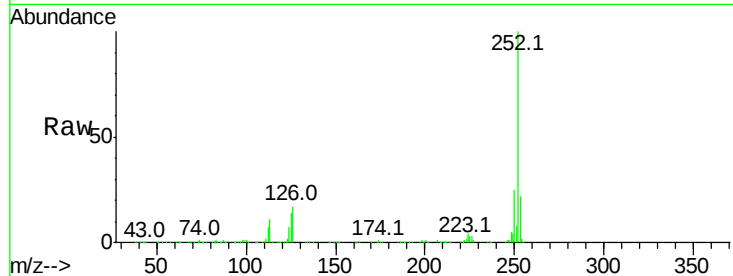
#89
Benzo(a)pyrene
Concen: 41.806 ng
RT: 15.02 min Scan# 2216
Delta R.T. -0.03 min
Lab File: BF096907.D
Acq: 20 Jul 2017 15:53

Instrument :
BNA_F
ClientSampleId :
IDOC-S-04

Tot Ion:	252	Resp:	432463
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.5	26.3
125	13.7	11.0	16.4

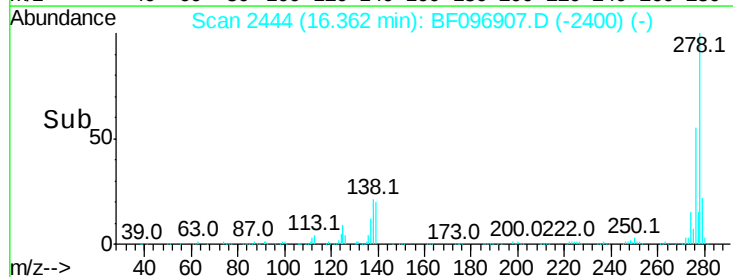
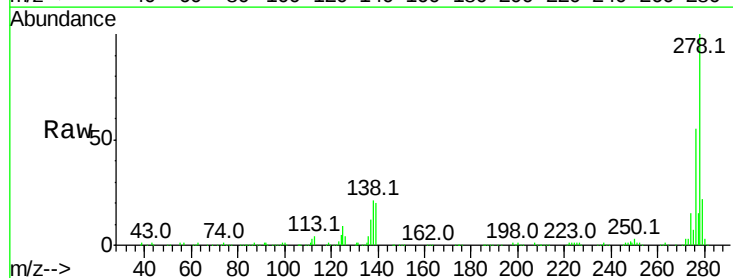
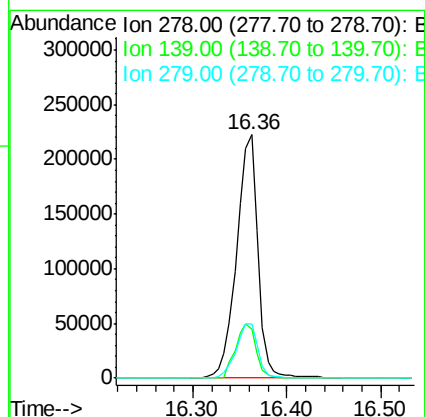
Manual Integrations
APPROVED

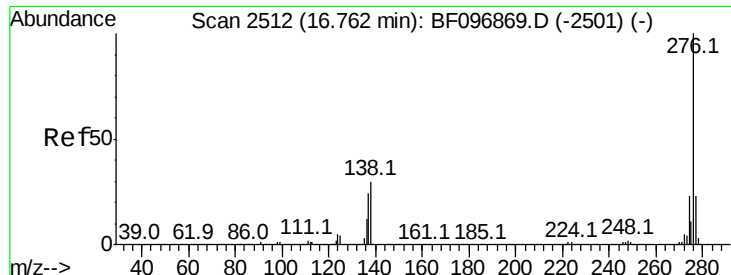
Sohil
7/21/2017 1:05:48 PM



#90
Dibenzo(a,h)anthracene
Concen: 36.953 ng
RT: 16.36 min Scan# 2444
Delta R.T. -0.04 min
Lab File: BF096907.D
Acq: 20 Jul 2017 15:53

Tgt Ion:	278	Resp:	351734
Ion Ratio	Lower	Upper	
278	100		
139	20.3	16.6	24.8
279	22.0	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 36.977 ng
 RT: 16.73 min Scan# 2506
 Delta R.T. -0.05 min
 Lab File: BF096907.D
 Acq: 20 Jul 2017 15:53

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-S-04

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
277	24.1	18.6	28.0	
138	29.7	25.4	38.0	

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